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ARCHITECTURE & ENGINEERING DIVISION

AUGUST 31, 2022



2022 Statewide Facility Inventory & Condition Assessment Report

Prepared for:
Office of Budget & Program Planning
and Legislative Finance Committee

ARCHITECTURE & ENGINEERING DIVISION

MONTANA DEPARTMENT OF ADMINISTRATION

Architecture & Engineering Division
Greg Gianforte, Governor
Misty Ann Giles, Director

August 26, 2022

Ryan Osmundson, Budget Director
Office of Budget and Program Planning
Office of the Governor
P.O. Box 200801
Helena, MT 59620-0801

Honorable Sen. Dan Salomon, Chair
Legislative Finance Committee
c/o Amy Carlson, Legislative Fiscal Analyst
P.O. Box 201711
Helena, MT 59620-1711

Dear Director Osmundson and the Honorable Sen. Dan Salomon:

In accordance with §17-7-202(2)(e) MCA we respectfully submit the enclosed Facility Inventory & Condition Assessment Report which is the product of a collaborative effort among the Architecture & Engineering Division, multiple state agencies, and the university system.

Sincerely,

Misty Ann Giles
Director

Russ Katherman, Administrator
Architecture & Engineering Division

Enclosure

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Summary

FACILITY INVENTORY AND FACILITY CONDITION ASSESSMENTS STATUS

The Architecture & Engineering Division establishes and conducts the Facility Condition Assessment (FCA) program as well as manages the Long-Range Building Program's (LRBP) Major Repair and Capital Development accounts for projects as funds are appropriated each legislative session. This report provides the status of the State-Owned Facility Inventory and associated Facility Condition Assessments.

State agencies continue to collaborate and assist A&E with review of current inventory data and determining the LRBP-eligible status of their facilities. The Archibus Sustainment Management System (SMS) software has been acquired to maintain a database of state-owned facilities and to track facility assessments. Working with vendor InfoNarus, A&E has customized the system for the state of Montana and the system has been deployed on the state servers. Implementation of Okta for secure access to Archibus has been completed and final testing is concluding. A&E intends to roll out Archibus for state-wide use in September of 2022. This platform will allow for a more consistent and accurate collection of inventory data across the agencies and provide a better understanding of the overall facility portfolio. Archibus will also benefit the State in the long-term through easier access, better data control, and integrated functions.

Major Repair Minimum Funding
$30,305,509

Total Deferred Maintenace Backlog
$1,473,603,270

Number of Buildings Requiring Assessments:
504

Number of Buildings Assessed:
299

Area of Buildings Requiring Assessments:
10,104,971 SQ FT

Area Assessed:
7,115,906 SQ FT



FAILING ROOF



OUTDATE CONTROLS



STRUCTURAL DAMAGE

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Introduction

FACILITY CONDITION ASSESSMENTS ARE A POWERFUL TOOL FOR BOTH CAPITAL PLANNING AND PROJECT PRIORITIZATION

This report provides the Office of Budget and Program Planning (OBPP) and Legislative Finance Division (LFD) the status on the State-Owned Facility Inventory and the LRBP-eligible building Facility Condition Assessments as required in §17-7-202 MCA, and provides an opportunity to forecast and strategize ways to address the inevitable deterioration of built assets.

To reduce the increasing deferred maintenance backlog of state-owned buildings, the 65th Legislature in 2017 passed SB 43 directing the Architecture & Engineering Division to establish a Facility Condition Assessment program to evaluate building conditions, and track and address the deferred maintenance backlog over time.

The passage of HB 553 in 2019 by the 66th Legislature created the “Major Repair Account” to provide consistent resources for prioritized corrective action rather than being deferred into a more expensive or crisis-management stage in the future.

Per §17-7-222 MCA, the minimum level of funding for major repairs is 0.6% of the current replacement value of all LRBP-eligible buildings for each fiscal year. The present law minimum Major Repair Long Range Building Program account funding for projects for the upcoming biennium is:

($2,525,459,098 X 0.6%) X 2 fiscal years = $30,305,509

State Agencies support the needs of their mission by using existing facilities or through construction of new facilities. Management of existing real property involves keeping facilities operational through preventative maintenance and repair in order to extend or restore a facility's life-cycle.

By using data collected by qualified assessors, the facility condition information and the associated cost of repairs can be prioritized to mitigate deferred maintenance liabilities.

The Architecture & Engineering (A&E) Division of the Department of Administration administers the Facility Condition Assessment (FCA) program as well as manages the LRBP "Major Repair" account for projects as they are appropriated each legislative session.

Although LRBP-eligible buildings represent only 20% of the total state vertical inventory, they comprise 42% of the total square footage in the inventory and represent over half (51%) of the State's total building infrastructure value.







Program History

LRBP FUNDING WAS SEPARATED INTO TWO ACCOUNTS: MAJOR REPAIR AND CAPITAL DEVELOPMENT



FACILITY INVENTORY & CONDITION ASSESSMENT

As part of the Long-Range Building Program, SB 43 of the 65th legislature directed the Department of Administration to compile and maintain a statewide facility inventory and condition assessment for state-owned buildings. As provided in §17-7-202, assessments are not mandatory on State-Owned buildings unless their replacement value is greater than $150,000. Section 17 of MCA defines a Long-Range Building Program-eligible building as a building, facility, or structure:

- *Owned by a state agency; and for which the operation and maintenance are funded with state general fund money; or*
- *That supports academic missions of the university system and for which the operation and maintenance are funded with current unrestricted university funds.*



CHANGE IN LRBP FUNDING

HB 553 of the 66th legislature adjusted the method and sources of LRBP funding and separated them into two categories:

- The Major Repair LRBP account for renovations, alterations, replacement, or repair projects less than $2.5M or a new facility less than $250,000: and
- A Capital Development LRBP account for renovation, construction, alteration, site, or utility projects greater than $2.5M or a new facility greater than $250,000



Per §17-7-222, the minimum level of funding for Major Repair projects is 0.6% of the replacement cost of existing Long-Range Building Program-eligible buildings for each fiscal year. The 2022 CRV of all LRBP-Eligible Buildings is

$2,525,459,098

The Major Repair Long-Range Building Program account funding for projects for the upcoming biennium is:

($2,525,459,098 X 0.6%) X 2 fiscal years = $30,305,509

The minimum level must be fully appropriated prior to considering any Capital Development projects.

Facility Inventory



STATEWIDE FACILITY INVENTORY DATA

The Risk Management & Tort Defense (RMTD) Division of the Department of Administration maintains a listing of state-owned facilities for insurance purposes. Agencies self-report their facility information and make updates and changes on a yearly basis to ensure insurance coverage. Since no other central listing of state-owned facilities existed prior to SB 43, the RMTD data was used as the initial data source for the official facility inventory. A&E is now statutorily responsible for the inventory and collaboration with RMTD is frequent. For every State-Owned facility, §17-7-202(2), requires the statewide facility inventory to include:

- The location
- Total square footage
- The agency or agencies using or occupying the building and how much square footage each agency uses or occupies
- The current replacement value (CRV) of the building in its entirety and each agency's portion of the building
- Whether the building is a long-range building program-eligible building



§17-7-202(3) states that "The division is not required to include a state-owned building that has a current replacement value of $150,000 or less in the facility inventory and condition assessment." While not required, the A&E Division has included all state-owned facilities from the RMTD database in the statewide facility inventory.

ISSUES UTILIZING RMTD DATA



<u>Agency Self-reporting Building Information</u>

Agencies access RMTD's database to make additions or corrections to their list of buildings on an annual basis. Agencies report the area, construction type, and location along with other information to ensure insurance coverage.

The A&E Division receives the list of buildings annually, but due to the structure of RMTD's database, comparing changes and additions from the previous year is very difficult and requires manually verifying any changes between years.

Any State-Owned facility that is uninsured is not in the RMTD database and is not included in this inventory

report. Uninsured facilities may consist of inaccuracies in the agency self-reported data or abandoned/unused/under-used buildings. Further inventory adjustments are also anticipated as the A&E Division works with agencies to identify buildings that are not in the RMTD list but should be part of the recorded inventory.

A better system of tracking changes and additions to the database will need to be developed in coordination with RMTD. The current replacement value is currently RMTD's insured value, which is used to calculate minimum funding of the LRBP Major Repair account. For this reason, A&E must keep data in sync with RMTD data and must develop a system to automate the process.

Inaccurate/Incomplete Location Data

Given the nature of many buildings in the RMTD data, some do not possess a physical, postal address. These may consist of some multi-building campuses or remote facilities within the Departments of Fish, Wildlife & Parks or Transportation. For instance, some state parks buildings may be identified similarly to those at the Blackfoot/Clearwater wildlife management area: "40 miles east-northeast of Missoula on State Hwy 200." Over time, the A&E Division intends to geolocate all buildings using latitude/longitude information to identify exact location of facilities.

CURRENT REPLACEMENT VALUE (CRV)

Agencies report their facility information to RMTD but they do not assign a current replacement value. For buildings roughly less than $1,000,000, the RMTD insured CRV is generated on a cost-per-square-foot per building-type basis. For buildings approximately greater than $1,000,000, the RMTD insured CRV is generated through an appraisal process approximately once every five (5) years. The insurance appraised CRV is not necessarily equivalent to a total project replacement cost. Total project cost will typically be higher. RMTD uses a factor provided by their underwriters to escalate each building's CRV annually.

LONG-RANGE BUILDING PROGRAM ELIGIBILITY

LRBP-Eligibility determines the minimum funding required for the major repair account as well as the buildings that are required to be assessed.

Each agency is tasked with determining which of their buildings are LRBP-eligible. A building is LRBP eligible if it meets the requirements of the definition in §17.7.201 MCA. At present, only a manual process requesting each agency to review its HB 2 appropriations at the operations and maintenance level of each building determines whether or not a building meets the assessment requirement.







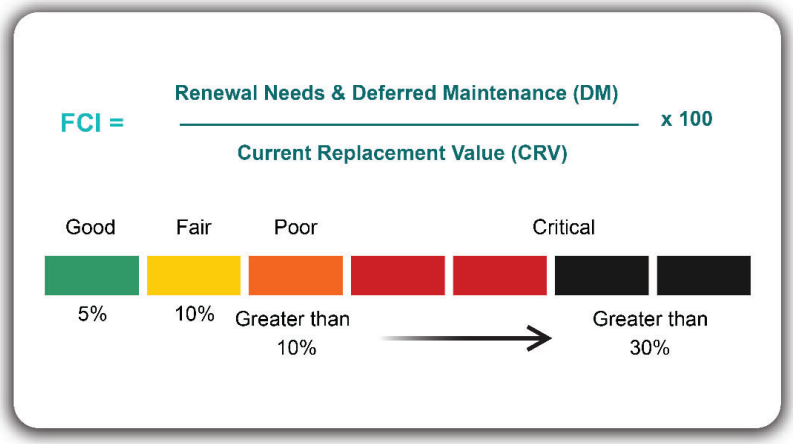


Facility Assessments

FACILITY CONDITION INDEX

The Facility Condition Assessment process yields not only an inventory of building deficiencies due to deferred maintenance, but it also provides a deficiency ratio—a comparison of the cost of the deferred maintenance relative to the replacement value of the building.

The deficiency ratio (Facility Condition Index, or FCI) is calculated by taking the total cost of existing renewal/ repair costs and dividing this number by the total estimated replacement value.









FACILITIES REQUIRING ASSESSMENTS

Every Long-Range Building Program-eligible building with a CRV greater than $150,000, §17-7-202(2) requires a periodic facility condition assessment which provides an itemized list of the building's deficiencies and compares the building's current building deficiency ratio (FCI) to its deficiency ratio in the previous biennium.

The current number of buildings which require a condition assessment is 504 out of a total of 1,007 LRBP-eligible buildings.

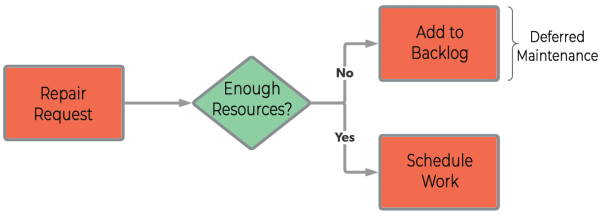
The total number of buildings requiring a condition assessment will increase over time as an annual escalation factor is applied to the CRV. Once a building's CRV is greater than $150,000, a condition assessment is required.

ASSESSMENT CYCLE

Industry accepted practice is to conduct individual building assessments every three-to-five years. Because building systems age and deteriorate at differing rates, data older than five years is largely considered obsolete.

§17-7-202 permits the Department to select the assessment cycle and the Architecture & Engineering Division is attempting to target a four-year cycle (i.e. have each facility assessed once every four years). However, given the size of the inventory, limited number of assessors, and full inventory eligibility yet to be determined, this once-every-four-years goal is only achievable if additional resources are provided.





TOTAL DEFERRED MAINTENANCE BACKLOG

Deferred Maintenance is usually defined as “an amount needed but not yet expended for repairs, restoration, or rehabilitation of an asset.” It is also defined as “the unplanned or planned decision to allow physical assets to deteriorate by postponing prudent major repairs until funding and a replacement schedule are determined.”



In addition to the FCA reporting requirements of individual facilities, the total deferred maintenance backlog of all LRBP-Eligible buildings must be provided per §17-7-202 MCA.

Once a full cycle of assessments has been completed, the actual total deferred maintenance backlog of the entire LRBP-eligible inventory can be calculated. In the interim, A&E is providing an estimated backlog by using Montana State University’s assessment data to calculate a per-square-foot backlog amount and multiply is across the full inventory of LRBP-eligible buildings.



MSU has led the way in conducting regular Facility Assessments using qualifi ed assessors. Their FCA data is reliable and accurate and A&E has chosen to use this data as the basis for the total deferred maintenace backlog calculation.



STATE-OWNED INVENTORY DETAILS

TOTAL INVENTORY	LRBP-ELIGIBLE INVENTORY	REQUIRED ASSESSMENT INVENTORY
5,093	1,007	504
STATE-OWNED BUILDINGS	**LRBP-ELIGIBLE BUILDINGS**	**BUILDINGS REQUIRING ASSESSMENTS**
An increase of 144 buildings (2.84%) since 2020*	A decrease of 14 buildings (1.37%) since 2020*	An increase of 8 buildings (1.6%) since 2020
23,225,986	10,517,014	10,104,971
TOTAL AREA (SQ FT)	**LRBP-ELIGIBLE AREA (SQ FT)**	**AREA REQUIRING ASSESSMENTS (SQ FT)**
An increase of 567,010 square feet (2.44%) since 2020	A increase of 54,216 square feet (0.5%) since 2020	An increase of 135,847 square feet (1.34%) since 2020
$4,860,417,243	$2,525,459,098	$2,505,708,043
TOTAL REPLACEMENT VAULE	**LRBP-ELIGIBLE REPLACEMENT VALUE**	**ASSESSMENT REPLACEMENT VALUE**
An increase of $645,347,122 (13.28%) since 2020	An increase of $296,066,321 (11.72%) since 2020	An increase of $297,099,782 (11.86%) since 2020

*Data is self-reported by each agency. A&E verification is ongoing.

ARCHIBUS SYSTEM

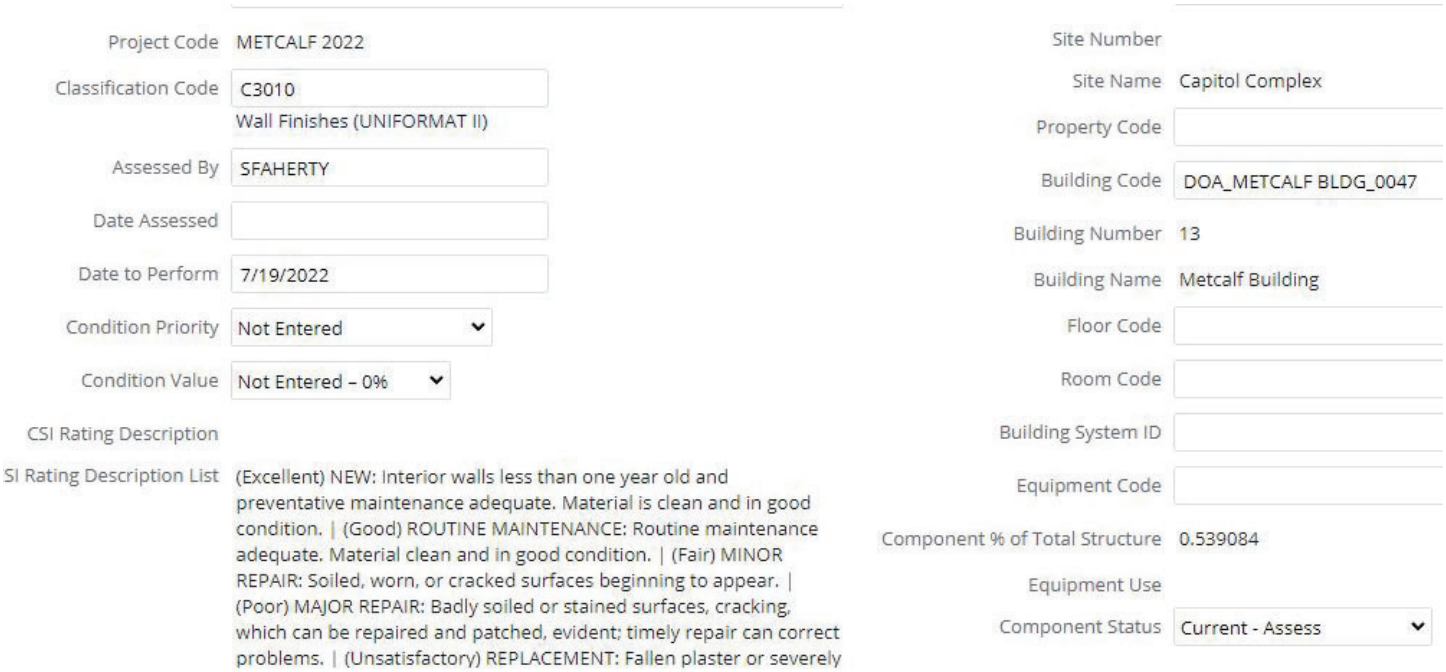
Archibus is an integrated workplace management system that combines multiple infrastructure and facilities management applications under one interface. The A&E Division has selected Archibus for the statewide facility inventory and for conducting condition assessments. Utilizing Archibus for FCAs will standardize the processes resulting in accurate and consistent asset data across the State portfolio.

Archibus utilizes a connection to current RSMeans cost data to build a profile of the building. Using a combination of building type, location, area, and building height, buildings are broken down into system components as a percentage of the total building.

ARCHIBUS

METCALF BLDG, RMTD CRV: $20,164,144			
Classification Code	Name	Component % of Total Structure	Cost to Replace
A1010	Standard Foundation	1.800793	$363,115
A1030	Slab on Grade	1.599321	$322,489
B1010	Floor Construction	16.941914	$3,416,191

Assessors evaluate each system using a rating system which then yields a condition index for each assessed item.



The current replacement value used in Archibus is RMTD's insured replacement value, which is not an actual project cost to replace the building. Since the replacement value is low, the Archibus-generated deficiency repair cost will also be low and should not be considered an actual project cost.

Archibus Implementation

In July of 2020, the A&E Division began working with vendor InfoNarus to implement Archibus. An all-agency collaborative work group was established for implementation, data review, analysis, scope, and strategic planning. InfoNarus began customization of Archibus to align with the work group recommendations. In December of 2021, customization was essentially complete and Archibus was installed on the state of Montana servers.



The decision to host Archibus on the Montana servers was made to reduce annual costs of hosting the program remotely. In 2021 ITSD introduced Okta to replace ePass for secure access to applications hosted on Montana servers. Implementing Okta with Archibus required additional configuration of Archibus to allow access through Okta and resulted in delays to roll out Archibus to all agencies.



The Archibus system is now up and running and will be available September 2022 for state-wide agency access. Documentation and training resources will be made available through the A&E Division website.

Conclusion



The Architecture & Engineering Division establishes and conducts the facility inventory and facility condition assessments. Archibus has been selected as the software solution to centralize and standardize the state-owned inventory and condition assessments. The inventory was imported from the Risk Management & Tort Defense (RMTD) Division, which maintains a listing of state-owned facilities and assigns a current replacement value for insurance purposes. RMTD's data is self-reported from each agency which may result in inaccuracies in the data. A&E will verify and improve accuracy of the data over time but must coordinate its inventory with RMTD's list and CRV. The data structure of RMTD's list makes coordination difficult and requires many hours of work to ensure that changes to existing facilities and new facilities are accurate and up to date.

Periodic facility assessments are required for every long-range building program-eligible building with a CRV greater than $150,000 which provides an itemized list of the building's deficiencies and compares the building's current building deficiency ratio (FCI) to its deficiency ratio in the previous biennium. The A&E division has set a goal of assessing each facility once every four years. Given the size of the inventory, limited number of assessors, and full inventory eligibility yet to be determined, this once-every-four-years goal is only achievable if additional resources are provided.

The Archibus system has been customized for the state and has been deployed on the state servers. Additional time and resources were required to configure Okta security, which delayed final roll-out to state agencies. A&E intends to open Archibus for state-wide use in September 2022.

Recommendations

PROVIDE ADDITIONAL RESOURCES TO ALLOW THE A&E DIVISION TO HIRE CONSULTANTS TO PERFORM BASELINE ASSESSMENTS.

The size of the inventory and limited number of assessors make the goal of assessing each building on a four-year cycle difficult to achieve. Per §17-7-202 MCA *The division may contract with a private vendor to collect, analyze, and compile the building information required in this subsection (2).* Additional resources to perform assessments using qualified assessors would ensure accurate baseline assessments and an accurate statewide deferred maintenance backlog in order to begin making better informed decisions to address the backlog. The cost of this baseline assessment is anticipated to be $1,212,596.

INCREASE MINIMUM MAJOR REPAIR FUNDING

To reduce the existing deferred maintenance backlog, increase minimum funding of the Major Repair account from 0.6% CRV to 1.0% . For comparison, the current minimum deferred maintenane funding for the state of Utah is 1.1%.

DEVELOP A NEW SYSTEM OF TRACKING THE STATEWIDE INVENTORY

The current data structure of the RMTD database makes tracking building changes and additions difficult. Building information is self-reported by each agency which often results in inaccuracies in the official facility database. A&E is collaborating with RMTD to develop a new system of tracking changes to the database while maintaining a link to RMTD replacement values.

Appendix A

2022 STATE-OWNED BUILDING SUMMARY

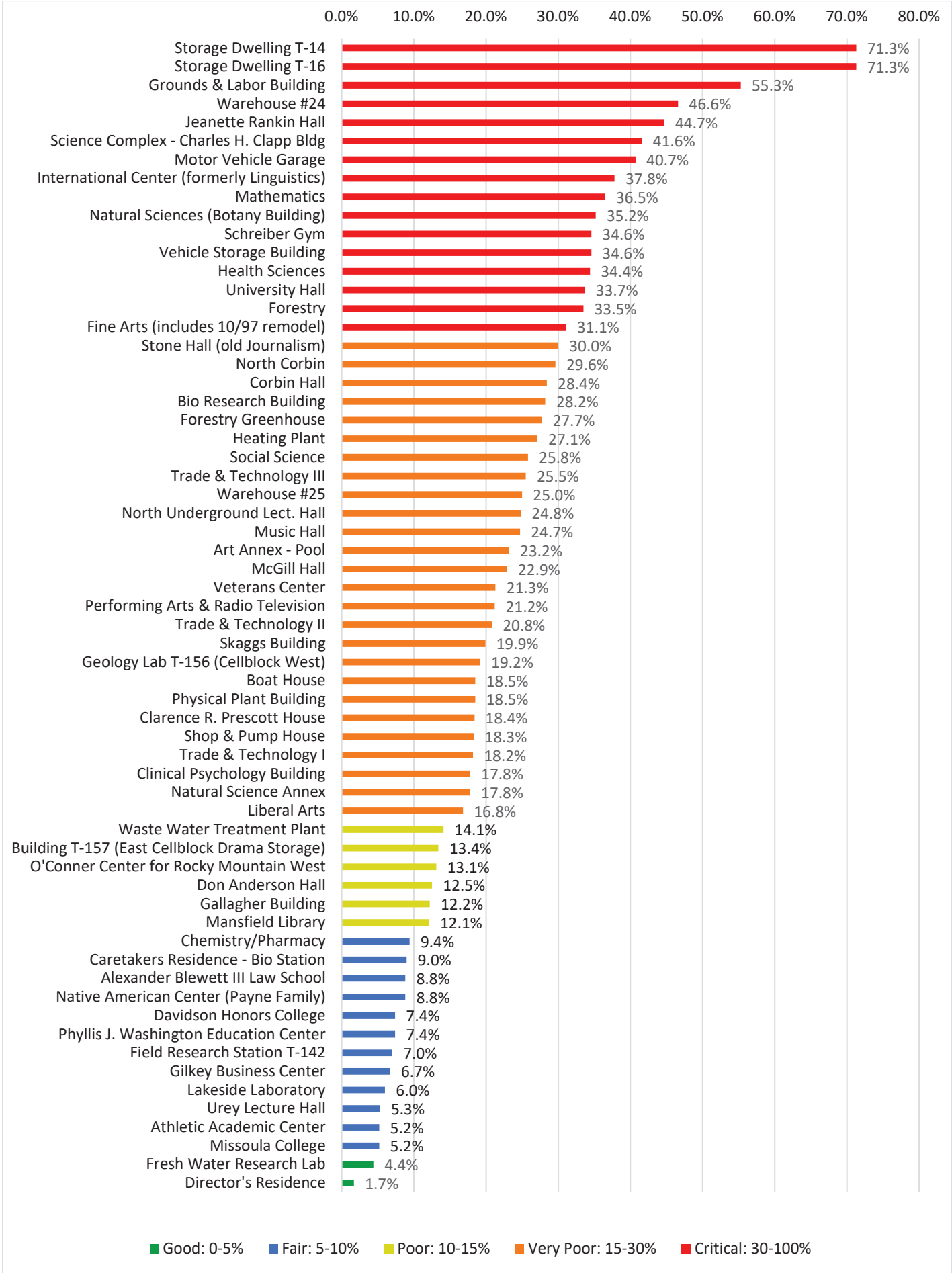
STATE-OWNED BUILDING SUMMARY

	ALL BUILDINGS			LRBP-ELIGIBLE BUILDINGS			LRBP-ELIGIBLE BUILDINGS > $150,000		
AGENCY	BLDGS	AREA	CRV	BLDGS	AREA	CRV	BLDGS	AREA	CRV
Montana School for the Deaf & Blind	14	165,423	$26,175,778	14	165,243	.	9	164,537	$26,152,692
Department of Administration	52	1,231,431	$395,768,630	0			0		
Department of Agriculture	1	7,888	$658,180	1	7,888	$658,180	1	7,888	$658,180
Department of Commerce	6	160,576	$36,391,647	0			0		
Department of Corrections	138	1,164,289	$247,246,806	94	930,716	$225,541,711	53	880,229	$223,592,811
Department of Environmental Quality	55	372,972	$3,625,562	0			0		
Department of Fish, Wildlife & Parks	1,297	898,051	$98,455,898	0			0		
Department of Justice	83	286,557	$43,617,300	37	275,961	$39,141,525	28	263,721	$38,697,740
Department of Labor & Industry	13	85,516	$12,650,047	0			0		
Department of Military Affairs	76	710,528	$137,202,444	50	626,432	$130,039,378	33	621,904	$129,828,151
Department of Natural Resources	179	303,581	$39,843,399	148	246,395	$22,650,245	37	158,958	$18,949,475
Department of Revenue	1	108,258	$8,674,248	0			0		
Department of Transportation	1,510	1,973,803	$247,734,468	0			0		
Montana Heritage Commission	253	193,888	$38,959,167	0			0		
Montana Historical Society	2	12,839	$6,940,564	0			0		
Office of Public Instruction	31	27,312	$757,411	31	27,312	$757,411	0		
Public Health & Human Services	85	673,820	$148,734,583	65	453,941	$87,812,957	29	407,985	$85,732,426
State Fund	1	117,203	$35,576,757	0			0		
Montana State University	757	8,228,678	$1,836,377,241	413	4,310,282	$1,082,020,800	210	4,168,071	$1,074,204,311
University of Montana	540	6,503,373	$1,495,027,111	154	3,472,664	$910,661,113	104	3,431,678	$907,892,256
TOTALS:	**5,094**	**23,225,986**	**$4,860,417,243**	**1007**	**10,516,834**	**$2,499,283,320**	**504**	**10,104,971**	**$2,505,708,043**

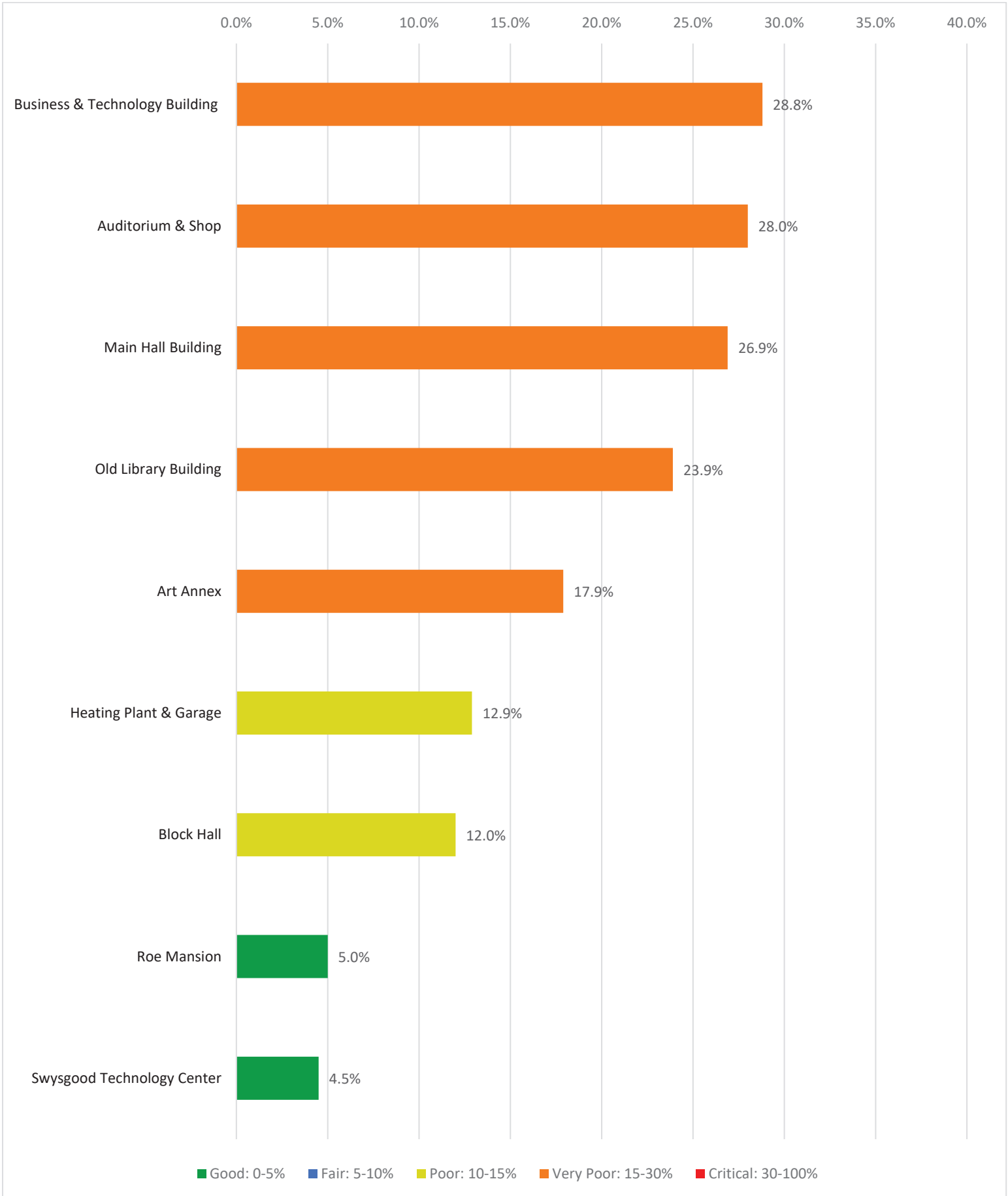
Appendix B

AGENCY FCI SUMMARY GRAPHS

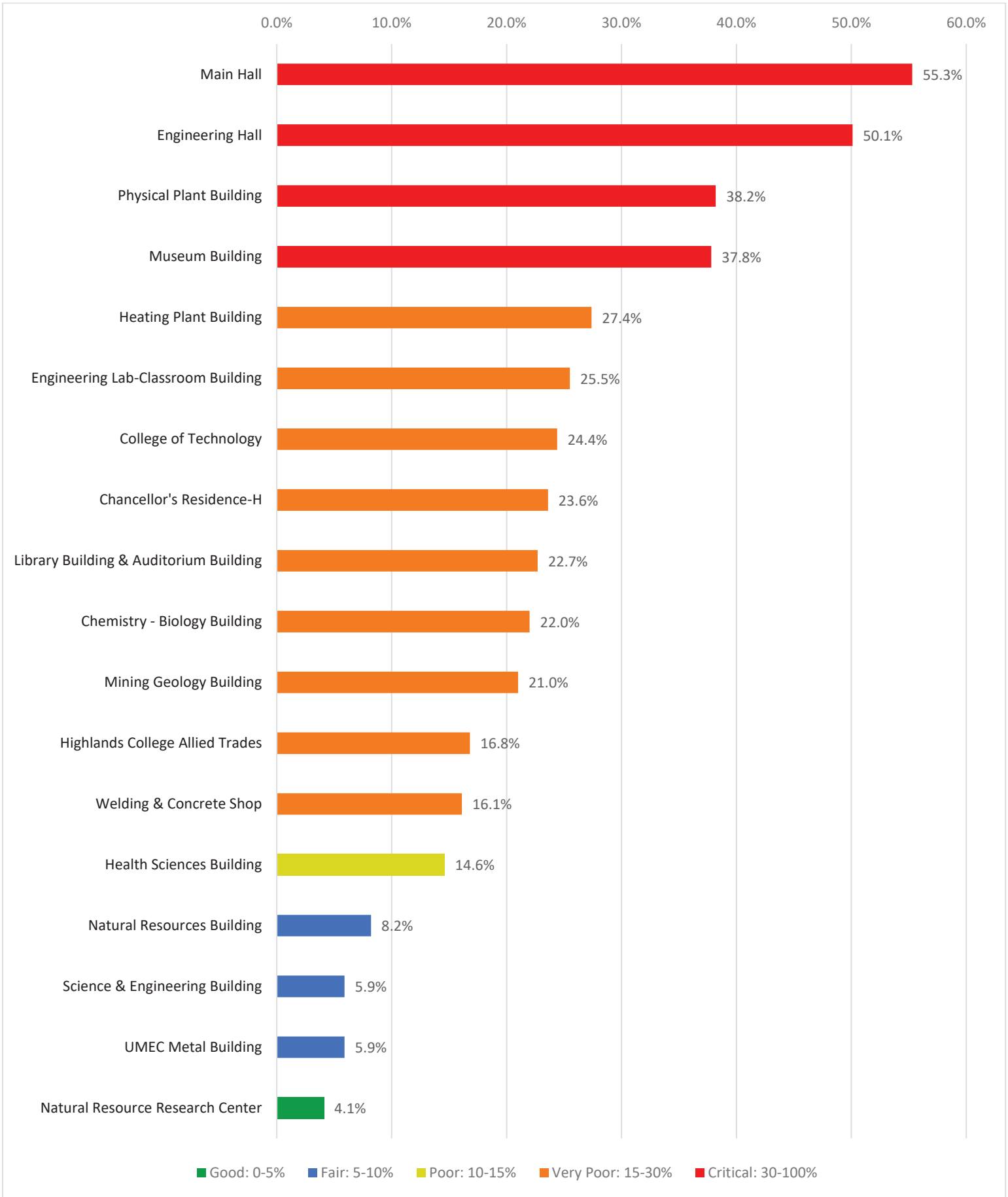
UNIVERSITY OF MONTANA MISSOULA



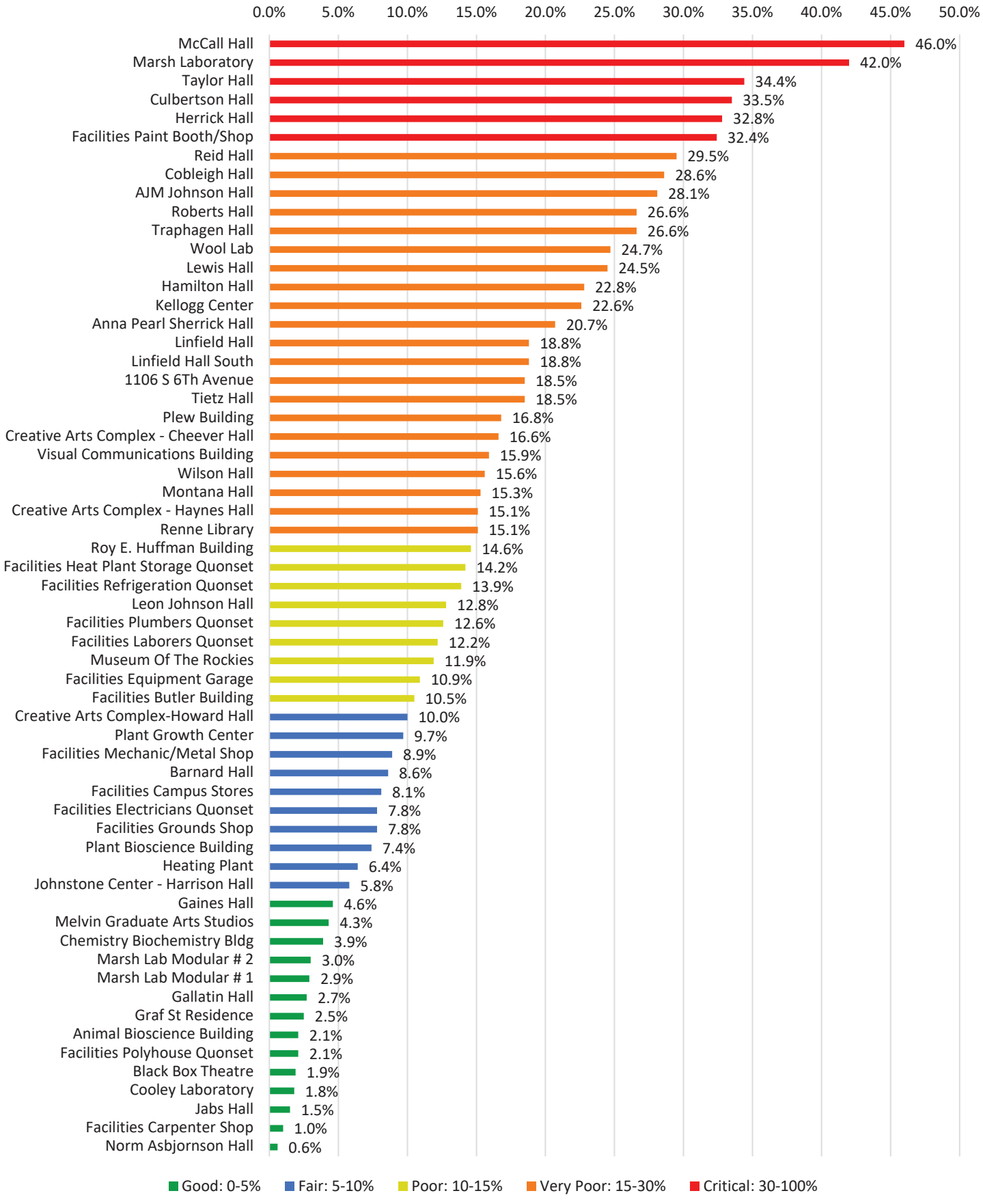
UNIVERSITY OF MONTANA - WESTERN



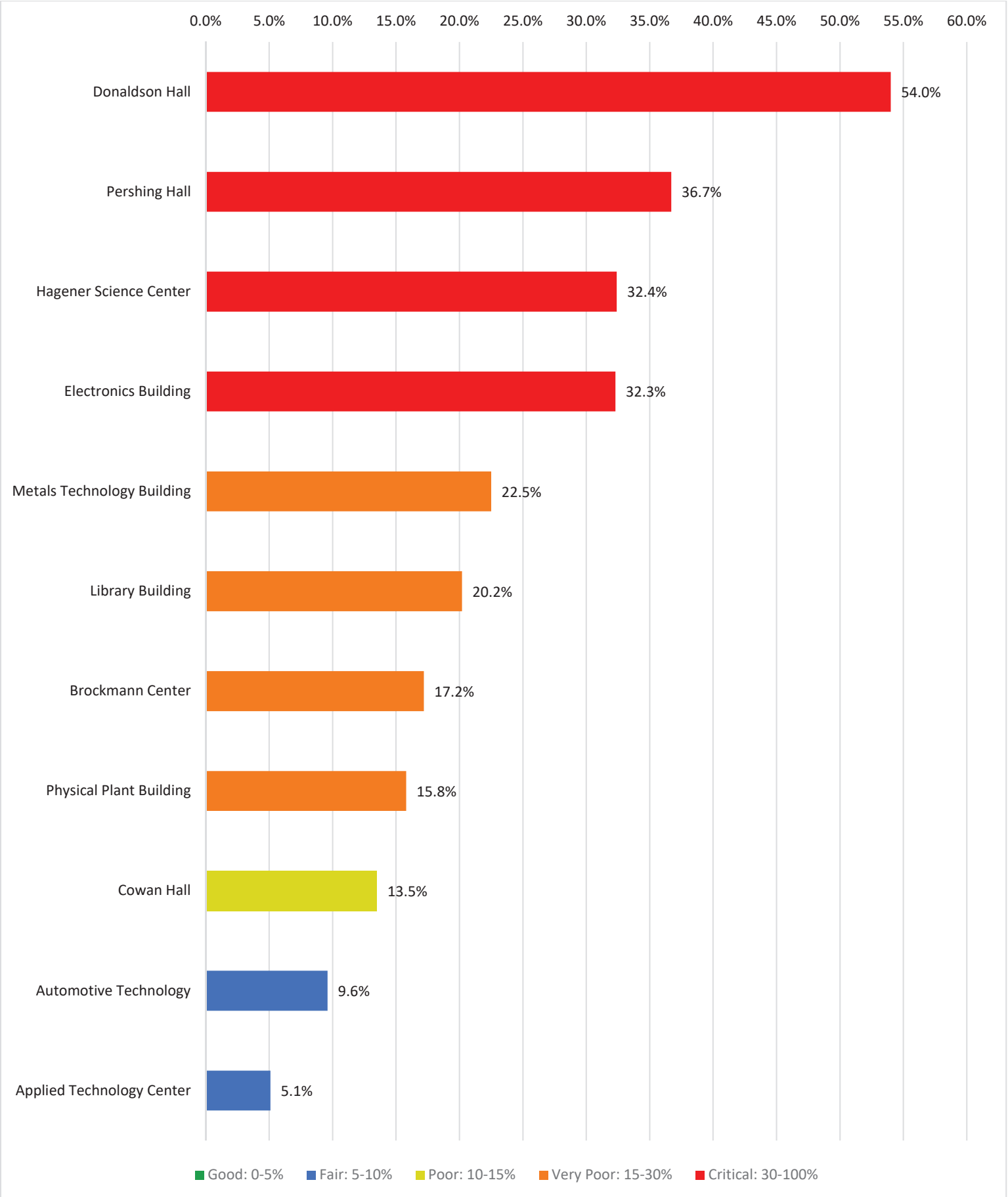
MONTANA TECHNOLOGICAL UNIVERSITY



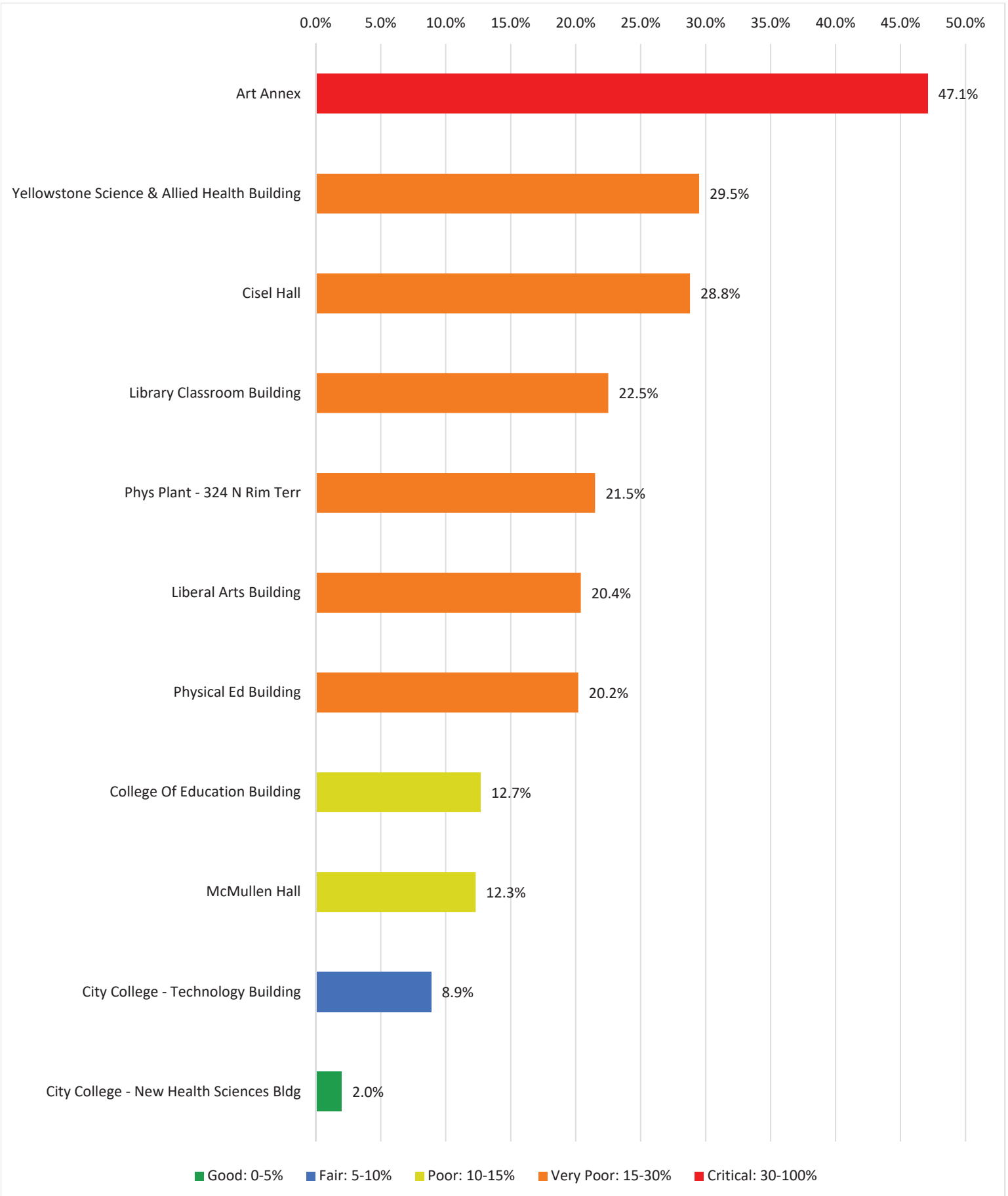
MONTANA STATE UNIVERSITY - BOZEMAN



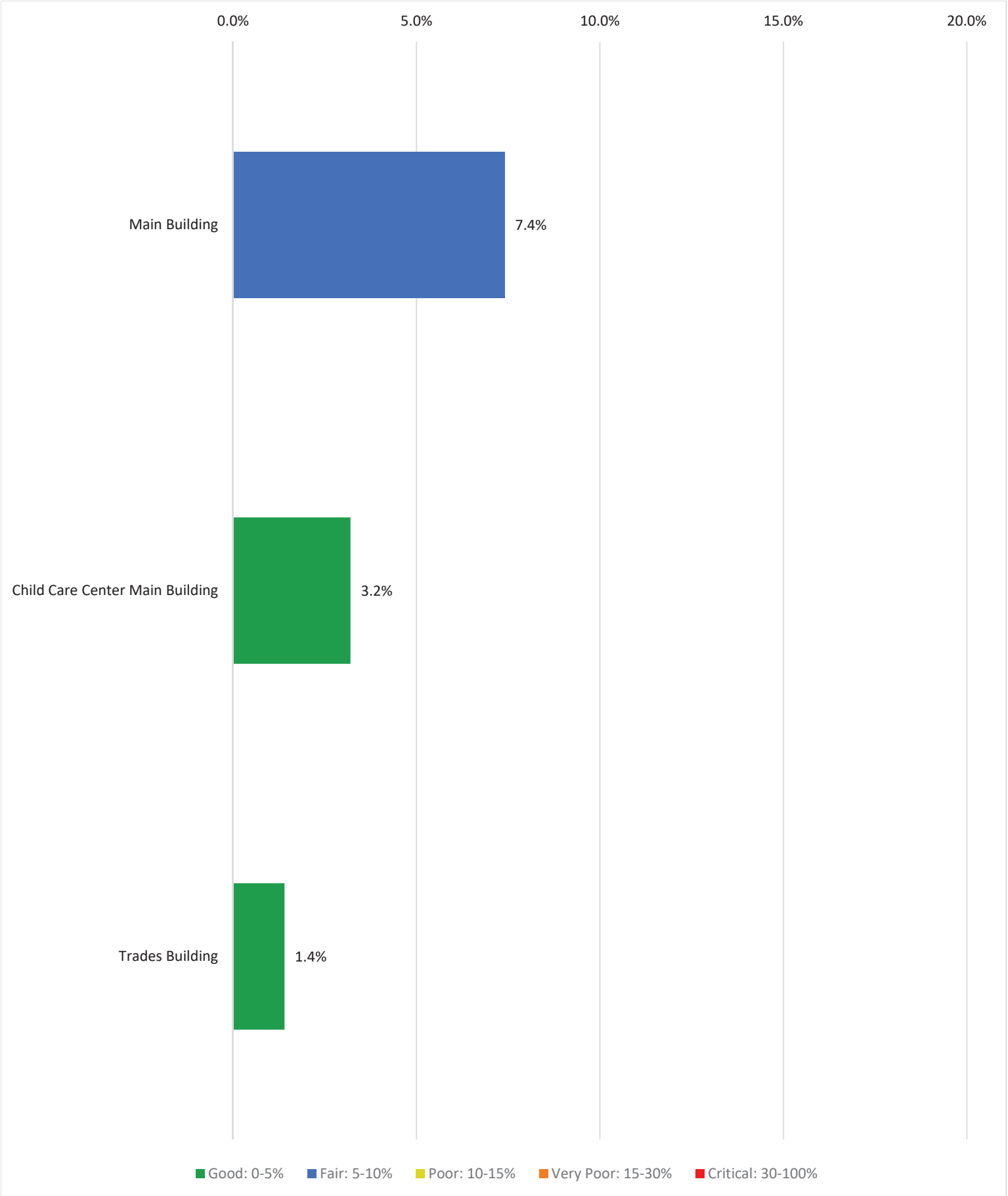
MONTANA STATE UNIVERSITY - NORTHERN



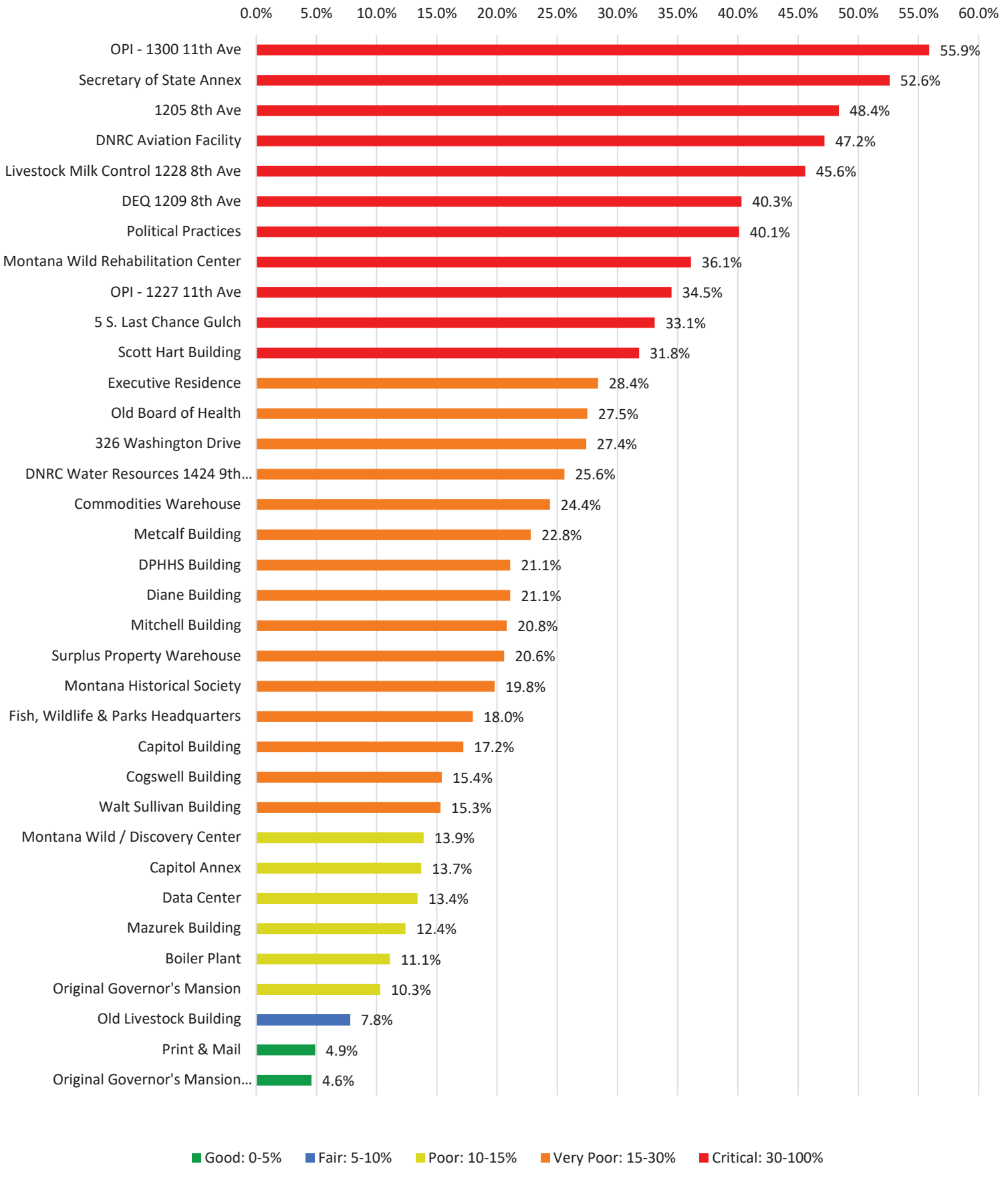
MONTANA STATE UNIVERSITY - BILLINGS



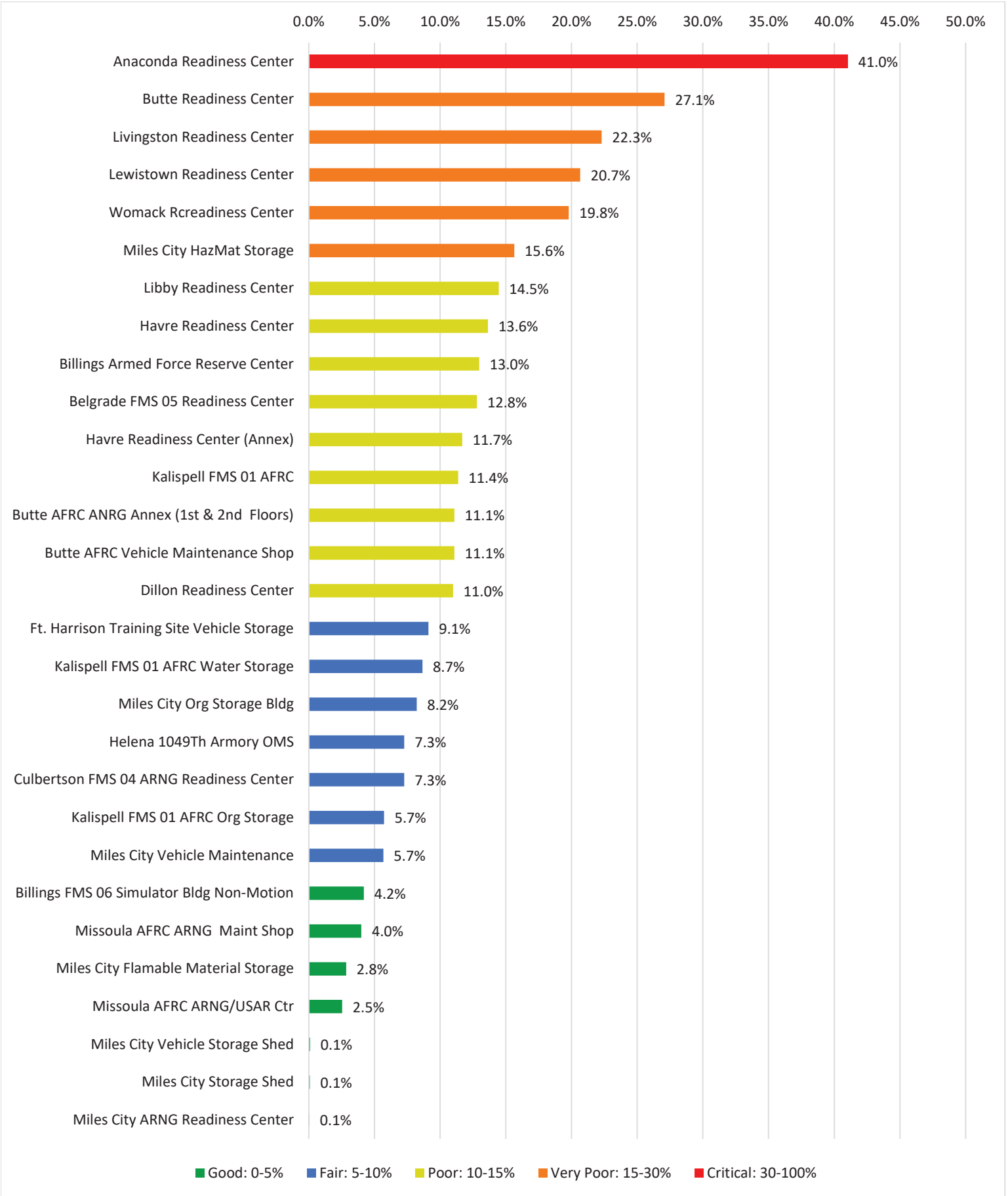
GREAT FALLS COLLEGE - MONTANA STATE UNIVERSITY



DEPT. OF ADMINISTRATION - GENERAL SERVICES



DEPT. OF MILITARY AFFAIRS



Appendix C

AGENCY FCA DEFICIENCY DETAIL REPORTS

UNIVERSITY OF MONTANA

DEFICIENCY DETAIL REPORTS

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/31/2020

Building: 1000 East Beckwith | **Gross Area:** 2,016 Sq Ft | **Report Renewal Cost:** $139,561

Building Type/ Age Class: Apartment, 1-3 Story (11B) | **Cost/Sq Ft:** $324.94 | **Deficiency Ratio:** 21.3%

Const. Date: 1970 | **Replacement Cost:** $655,079

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$806***	***$23,083***	
795	Exterior Steps/Retaining Walls (B)	04-28-2005	08-31-2020	2	25%	$1.60	$806		Rear conc steps repair. Front driveway/walkway aggregate is showing. New ADA ramp has been installed.
System: Envelope (2)						***Totals:***	***$17,210***	***$83,523***	
926	Exterior Walls (A)	01-11-2007	02-28-2012	2	10%	$28.27	$5,699		Exterior walls, trim and walk need painting
1555	Exterior Windows (B)	02-28-2012	02-28-2012	4	100%	$5.71	$11,511		Windows are single pane aluminum clad.
System: Roof System (4)						***Totals:***	***$9,495***	***$15,906***	
796	Covering (B)	04-28-2005	04-28-2005	2	100%	$3.71	$7,479		ROOF IS AT END OF USEFULL LIFE AND FAILS OCCASIONALLY.
797	Insulation (C)	04-28-2005	04-28-2005	5	50%	$2.00	$2,016		Add additional roof insulation to meet code.
System: Finishes (5)						***Totals:***	***$4,707***	***$123,823***	
1557	Ceilings (B)	02-28-2012	02-28-2012	2	5%	$9.85	$993		Repair ceilings where water leakage from roof has caused damage.
800	Floor Finishes (D)	04-28-2005	08-31-2020	2	10%	$11.85	$2,389		Living room and kitched remodeled to install an ADA bathroom.
1559	Wall Finishes (E)	02-28-2012	08-31-2020	2	10%	$6.57	$1,325		Walls need patch and paint.
System: HVAC System (7)						***Totals:***	***$48,162***	***$89,793***	
935	Heating (A)	01-11-2007	01-11-2007	2	100%	$20.24	$40,804		Residential Furnace at end of useful life, unable to keep all floors the same temperature, not designed for commercial demand and inefficient.
1553	Ventilating (B)	02-23-2012	02-23-2012	2	100%	$3.65	$7,358		No outside air, furnace not designed for commercial use and at end of useful life.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/31/2020

Building: 1000 East Beckwith | **Gross Area:** 2,016 Sq Ft | **Report Renewal Cost:** $139,561

Building Type/ Age Class: Apartment, 1-3 Story (11B) | **Cost/Sq Ft:** $324.94 | **Deficiency Ratio:** 21.3%

Const. Date: 1970 | **Replacement Cost:** $655,079

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$14,950***	***$99,671***	
937	Fixtures (A)	01-11-2007	08-31-2020	2	15%	$16.74	$5,062		faucets need to be replaced
938	Supply Piping (B)	01-11-2007	08-31-2020	2	15%	$22.19	$6,710		piping is beginning to show wear.
939	Waste Piping (C)	01-11-2007	08-31-2020	2	15%	$10.51	$3,178		Piping is nearing end of life expectancy.
System: Electrical System (9)						***Totals:***	***$44,231***	***$49,936***	
801	Building Service (A)	04-28-2005	04-28-2005	4	100%	$5.41	$10,907		SERVICE TO BUILDING NEEDS TO BE RELOCATED AND INCREASED TO HANDLE COMMERCIAL DEMAND.
1551	Lighting (B)	02-23-2012	08-31-2020	2	100%	$7.44	$14,999		Fixtures are obselete except for basement T8's.
940	Distribution (C)	01-11-2007	01-11-2007	3	100%	$9.09	$18,325		old wiring needs to be replaced and upgraded to current code levels

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 10/15/2021

Building: Anderson Hall | **Gross Area:** 57,500 Sq Ft | **Report Renewal Cost:** $1,829,937

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $254.44 | **Deficiency Ratio:** 12.5%

Const. Date: 2007 | **Replacement Cost:** $14,630,300

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$126,788***	***$1,198,875***	
2489	Exterior Windows (B)	10-15-2021	10-15-2021	2	25%	$7.62	$109,538		Issues with storefront operating
2490	Exterior Doors/Hatches (C)	10-15-2021	10-15-2021	2	25%	$1.20	$17,250		Normal wear and tear - Small issues
System: Roof System (4)						***Totals:***	***$50,025***	***$430,675***	
2491	Covering (B)	10-15-2021	10-15-2021	2	25%	$3.48	$50,025		Normal wear and tear based on age
System: Finishes (5)						***Totals:***	***$450,512***	***$2,866,950***	
2492	Interior Doors/Hardware/Windows (	10-15-2021	10-15-2021	2	25%	$9.95	$143,031		Normal wear and tear due to age
2493	Floor Finishes (D)	10-15-2021	10-15-2021	2	25%	$6.91	$99,331		Normal wear and tear due to age - Carpet, Ceramic, LVT
2494	Wall Finishes (E)	10-15-2021	10-15-2021	2	50%	$7.24	$208,150		Normal wear and tear due to age - Paint needs refreshed - Wood paneling has minor damage
System: Specialties (6)						***Totals:***	***$96,600***	***$830,300***	
2495	Toilet Partitions (A)	10-15-2021	10-15-2021	2	50%	$2.24	$64,400		Normal wear and tear due to age - Solid phenolic
2496	Fixed Seating/Risers (C)	10-15-2021	10-15-2021	2	50%	$1.12	$32,200		Normal wear and tear due to age - Damage to some classroom risers

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1
☑ 2
☑ 3
☑ 4
☑ 5
☑ 6
☐ 7

Site: UM Missoula Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 10/15/2021

Building: Anderson Hall | **Gross Area:** 57,500 Sq Ft | **Report Renewal Cost:** $1,829,937

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $254.44 | **Deficiency Ratio:** 12.5%

Const. Date: 2007 | **Replacement Cost:** $14,630,300

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$1,023,500***	***$2,046,425***	
2497	Heating (A)	10-15-2021	10-15-2021	2	50%	$17.80	$511,750		Normal wear and tear due to age - Steam heat with closed loop to air handlers
2498	Ventilating (B)	10-15-2021	10-15-2021	2	50%	$5.34	$153,525		Normal wear and tear due to age - AHU
2499	Cooling (C)	10-15-2021	10-15-2021	2	50%	$12.46	$358,225		Normal wear and tear due to age - well water with closed loop to AHU
System: Conveying (10)						***Totals:***	***$82,512***	***$330,050***	
2500	Elevator/Lift (A)	10-15-2021	10-15-2021	2	25%	$5.74	$82,512		Normal wear and tear due to age

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 8/30/2020

Building: Art Annex/Grizzly Pool | **Gross Area:** 40,293 Sq Ft | **Report Renewal Cost:** $2,349,977

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $251.64 | **Deficiency Ratio:** 23.2%

Const. Date: 1955 | **Replacement Cost:** $10,139,733

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$54,275***	***$273,992***	
252	Footings/Foundation Walls (A)	09-24-2008	04-28-2005	2	30%	$4.49	$54,275		Parking lot water drainage problem. South end of pool eroding due to chlorine in water.
System: Envelope (2)						***Totals:***	***$159,681***	***$883,625***	
253	Exterior Walls (A)	09-24-2008	08-01-2016	2	40%	$5.95	$95,897		Paint exterior of building.holes in dryvit.
1018	Exterior Windows (B)	09-24-2008	09-24-2008	5	10%	$6.87	$27,681		W end. Window frames not sealed, big gaps.
254	Exterior Doors/Hatches (C)	09-24-2008	04-28-2005	2	70%	$1.28	$36,103		Replace all damaged doors, especially roll-up door on S end.
System: Roof System (4)						***Totals:***	***$251,940***	***$342,491***	
255	Structure (A)	09-24-2008	08-28-2020	2	1%	$2.27	$915		Minor repair?
1622	Covering (B)	08-01-2016	08-30-2020	2	100%	$4.24	$170,842		Leaks, mostly around penetrations damaged by snow load.
256	Insulation (C)	09-24-2008	04-28-2005	5	100%	$1.99	$80,183		Add additional attic insulation.
System: Finishes (5)						***Totals:***	***$548,568***	***$2,302,745***	
257	Interior Wall Systems (A)	09-24-2008	08-30-2020	2	20%	$15.96	$128,615		Minor repair.
1020	Ceilings (B)	09-24-2008	09-24-2008	2	15%	$14.11	$85,280		Several areas, especially in arts portion are in dire need of repair/replacement.
258	Interior Doors/Hardware/Windows (	09-24-2008	08-30-2020	2	15%	$10.56	$63,824		Install compliant hardware on the doors. Bathrooms not ADA compliant and are old, worn out.
1021	Floor Finishes (D)	09-24-2008	09-24-2008	2	10%	$8.07	$32,516		Hallway and pool floor have several cracks.
259	Wall Finishes (E)	09-24-2008	08-30-2020	2	70%	$8.45	$238,333		Paint the interior walls.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 8/30/2020

Building: Art Annex/Grizzly Pool | **Gross Area:** 40,293 Sq Ft | **Report Renewal Cost:** $2,349,977

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $251.64 | **Deficiency Ratio:** 23.2%

Const. Date: 1955 | **Replacement Cost:** $10,139,733

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$130,349***	***$589,084***	
260	Toilet Partitions (A)	04-28-2005	08-30-2020	2	100%	$1.78	$71,722		Replace toilet partitions.
1023	Signage/Directories (B)	09-24-2008	09-24-2008	3	50%	$0.77	$15,513		Not Braille
1024	Fixed Seating/Risers (C)	09-24-2008	09-24-2008	2	100%	$1.07	$43,114		Pool Balcony not ADA and serious signs of wear.
System: HVAC System (7)						***Totals:***	***$256,868***	***$1,046,409***	
263	Heating (A)	09-24-2008	04-28-2005	2	50%	$11.33	$228,260		Replace heating equipment in annex side, plus pool side.
1026	Ventilating (B)	09-24-2008	08-30-2020	2	50%	$1.42	$28,608		South Side of annex has poor to no ventilating. HRV on pool side is old and failing.
System: Plumbing System (8)						***Totals:***	***$526,408***	***$1,402,196***	
264	Fixtures (A)	09-24-2008	08-01-2016	2	35%	$7.61	$107,320		Replace plumbing fixtures.
265	Supply Piping (B)	09-24-2008	04-28-2005	2	35%	$18.39	$259,346		Replace the supply piping system.
266	Waste Piping (C)	09-24-2008	08-01-2016	2	45%	$8.81	$159,742		Replace the waste piping system., mechanical rebuild.
System: Electrical System (9)						***Totals:***	***$334,903***	***$1,355,859***	
267	Building Service (A)	04-28-2005	04-28-2005	2	3%	$6.99	$8,449		Replace meters.
268	Lighting (B)	09-24-2008	08-01-2016	2	20%	$8.68	$69,949		Replace lighting with T8 lamps and electronic ballasts.
269	Distribution (C)	09-24-2008	08-30-2020	2	60%	$10.61	$256,505		Remove/replace secondary panels.
System: Safety System (11)						***Totals:***	***$86,985***	***$581,025***	
270	Exit/Emergency Lighting/Alarms (C	04-28-2005	04-28-2005	3	12%	$5.14	$24,853		Replace exit/emergency/alarm systems.
1028	Exit/Emergency Lighting/Alarms (C	09-24-2008	08-01-2016	3	30%	$5.14	$62,132		emergency lighting poor.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 10/15/2021

Building: Athletic Academic Center | **Gross Area:** 5,582 Sq Ft | **Report Renewal Cost:** $109,344

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $373.87 | **Deficiency Ratio:** 5.2%

Const. Date: 2014 | **Replacement Cost:** $2,086,942

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)						***Totals:***	***$768***	***$61,402***	
2480	Insulation (C)	10-15-2021	10-15-2021	2	5%	$2.75	$768		Missing insulation in lobby created water leak
System: Finishes (5)						***Totals:***	***$14,178***	***$408,937***	
2481	Floor Finishes (D)	10-15-2021	10-15-2021	2	25%	$10.16	$14,178		5 year old carpet - seeing wear in spots
System: HVAC System (7)						***Totals:***	***$51,076***	***$291,939***	
2482	Heating (A)	10-15-2021	10-15-2021	2	10%	$26.15	$14,597		Normal wear and tear on Hot Water radiator system
2484	Ventilating (B)	10-15-2021	10-15-2021	2	25%	$7.84	$10,941		Rooftop cooling unit is 5 years old - has a 20 year lifespan
2483	Cooling (C)	10-15-2021	10-15-2021	2	25%	$18.30	$25,538		Rooftop cooling unit is 5 years old - has a 20 year lifespan
System: Electrical System (9)						***Totals:***	***$43,322***	***$311,587***	
2485	Lighting (B)	10-15-2021	10-15-2021	2	20%	$15.02	$16,768		Based on 25 year lifespan
2486	Distribution (C)	10-15-2021	10-15-2021	2	12%	$18.36	$12,298		Based on 40 year lifespan
2487	Voice/Data (D)	10-15-2021	10-15-2021	2	20%	$12.77	$14,256		Based on 25 year lifespan

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 10/15/2021

Building: BioResearch Building | **Gross Area:** 10,260 Sq Ft | **Report Renewal Cost:** $1,041,830

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $359.62 | **Deficiency Ratio:** 28.2%

Const. Date: 2005 | **Replacement Cost:** $3,689,804

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$687***	***$101,574***	
2408	Exterior Steps/Retaining Walls (B)	10-15-2021	10-15-2021	2	5%	$1.34	$687		Retaining wall has minor damage
System: Envelope (2)						***Totals:***	***$35,093***	***$362,383***	
2409	Exterior Windows (B)	10-15-2021	10-15-2021	2	34%	$5.33	$18,593		Wear and tear due to age
2410	Exterior Doors/Hatches (C)	10-15-2021	10-15-2021	2	34%	$4.73	$16,500		Wear and tear due to age
System: Roof System (4)						***Totals:***	***$100,030***	***$172,676***	
2411	Covering (B)	10-15-2021	10-15-2021	2	100%	$8.24	$84,542		Roof has failed multiple times and continues to do so regardless of mitigation attempts
2412	Insulation (C)	10-15-2021	10-15-2021	2	34%	$4.44	$15,488		Leaks from covering have caused issues
System: Finishes (5)						***Totals:***	***$91,936***	***$723,740***	
2413	Interior Doors/Hardware/Windows (	10-15-2021	10-15-2021	2	34%	$3.29	$11,477		Based on lifespan of materials
2414	Floor Finishes (D)	10-15-2021	10-15-2021	2	10%	$12.72	$13,051		Wear and tear due to age - Sealed concrete
2415	Wall Finishes (E)	10-15-2021	10-15-2021	2	50%	$13.14	$67,408		Needs new paint and patches throughout
System: Specialties (6)						***Totals:***	***$46,954***	***$262,451***	
2416	Toilet Partitions (A)	10-15-2021	10-15-2021	2	34%	$2.76	$9,628		Wear and tear due to age
2417	Chalk/Tack/Whiteboards/Cabinets (	10-15-2021	10-15-2021	2	20%	$12.80	$26,266		Wood cabinets are in rough shape
2418	Fume Hoods (E)	10-15-2021	10-15-2021	2	20%	$5.39	$11,060		Wear and tear due to age

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 10/15/2021

Building: BioResearch Building | **Gross Area:** 10,260 Sq Ft | **Report Renewal Cost:** $1,041,830

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $359.62 | **Deficiency Ratio:** 28.2%

Const. Date: 2005 | **Replacement Cost:** $3,689,804

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$242,824***	***$494,429***	
2419	Heating (A)	10-15-2021	10-15-2021	2	54%	$21.97	$121,723		Wear and tear due to age - Steam heat exchanger to closed loop pumps
2420	Ventilating (B)	10-15-2021	10-15-2021	2	42%	$19.63	$84,590		Wear and tear due to age - 30 year air handler life expectancy
2421	Cooling (C)	10-15-2021	10-15-2021	2	54%	$6.59	$36,511		Wear and tear due to age - well pumps to AHU
System: Plumbing System (8)						***Totals:***	***$307,438***	***$820,903***	
2422	Fixtures (A)	10-15-2021	10-15-2021	2	50%	$17.28	$88,646		Based on lifespan
2423	Supply Piping (B)	10-15-2021	10-15-2021	2	34%	$43.15	$150,524		Based on 50 year lifespan
2424	Waste Piping (C)	10-15-2021	10-15-2021	2	34%	$19.57	$68,268		Based on 50 year lifespan
System: Electrical System (9)						***Totals:***	***$139,450***	***$333,040***	
2425	Building Service (A)	10-15-2021	10-15-2021	2	34%	$3.44	$12,000		Based on 50 year lifespan
2426	Lighting (B)	10-15-2021	10-15-2021	5	50%	$10.68	$54,788		Update to LED
2427	Distribution (C)	10-15-2021	10-15-2021	2	34%	$13.05	$45,524		Based on 50 year lifespan
2428	Voice/Data (D)	10-15-2021	10-15-2021	2	50%	$5.29	$27,138		Wear and tear due to age
System: Conveying (10)						***Totals:***	***$24,733***	***$72,743***	
2429	Elevator/Lift (A)	10-15-2021	10-15-2021	2	34%	$7.09	$24,733		Wear and tear due to age
System: Safety System (11)						***Totals:***	***$52,685***	***$133,380***	
2430	Egress (A)	10-15-2021	10-15-2021	2	50%	$4.03	$20,674		Wear and tear due to age
2431	Extinguishing System (B)	10-15-2021	10-15-2021	2	50%	$6.24	$32,011		Based on 35 year lifespan

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 2/7/2017

Building: Brantly Hall | **Gross Area:** 38,935 Sq Ft | **Report Renewal Cost:** $3,883,770

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 38.2%

Const. Date: 1923 | **Replacement Cost:** $10,174,494

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$138,803***	***$274,881***	
197	Footings/Foundation Walls (A)	04-28-2005	02-07-2017	2	25%	$4.66	$45,359		Repair foundation.
198	Exterior Steps/Retaining Walls (B)	04-28-2005	02-07-2017	2	100%	$2.40	$93,444		Replace steps/walls.
System: Envelope (2)						***Totals:***	***$356,801***	***$886,939***	
199	Exterior Walls (A)	04-28-2005	02-07-2017	2	20%	$6.18	$48,124		Tuckpoint clean - seal.
200	Exterior Windows (B)	04-28-2005	02-07-2017	2	100%	$7.13	$277,607		Replace windows.
201	Exterior Doors/Hatches (C)	04-28-2005	02-07-2017	2	60%	$1.33	$31,070		Replace entry doors.
System: Floor System (3)						***Totals:***	***$211,807***	***$1,096,410***	
202	Floor Structure (A)	04-28-2005	02-07-2017	2	10%	$21.60	$84,100		Basement Floor in poor condition.
203	Stair Treads/Risers (B)	04-28-2005	02-07-2017	2	50%	$6.56	$127,707		Stairs are very worn throughout building and some are not to code.
System: Roof System (4)						***Totals:***	***$251,520***	***$343,796***	
204	Covering (B)	04-28-2005	04-28-2010	2	100%	$4.40	$171,314		Replace clay tile roof. Many tiles are cracked, broken too brittle to walk on. Roof needs fall protection.
205	Insulation (C)	04-28-2005	05-27-2009	5	100%	$2.06	$80,206		Replace existing insulation with UBC compliant R factor insulation. Remove vermiculite.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 2/7/2017

Building: Brantly Hall | **Gross Area:** 38,935 Sq Ft | **Report Renewal Cost:** $3,883,770

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 38.2%

Const. Date: 1923 | **Replacement Cost:** $10,174,494

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$1,536,881***	***$2,310,792***	
206	Interior Wall Systems (A)	04-28-2005	02-07-2017	2	80%	$16.57	$516,122		Lathe and Plaster is cracked and warped throughout.
207	Ceilings (B)	04-28-2005	02-07-2017	2	80%	$14.65	$456,318		Replace ceilings as needed.
208	Interior Doors/Hardware/Windows (	04-28-2005	02-07-2017	2	30%	$10.97	$128,135		Replace all doors, glazing and door handles.
209	Floor Finishes (D)	04-28-2005	02-07-2017	2	50%	$8.38	$163,138		Excessive carpet wear throughout building.
210	Wall Finishes (E)	04-28-2005	04-28-2010	2	80%	$8.77	$273,168		Complete patch & paint.
System: Specialties (6)						***Totals:***	***$34,749***	***$591,033***	
211	Toilet Partitions (A)	04-28-2005	02-07-2017	2	5%	$1.85	$3,601		R/R damaged and worn out toilet partitions.
1136	Signage/Directories (B)	05-27-2009	05-27-2009	3	100%	$0.80	$31,148		SIGNS
System: HVAC System (7)						***Totals:***	***$274,959***	***$1,050,077***	
212	Heating (A)	04-28-2005	02-07-2017	2	60%	$11.77	$274,959		New heating & install building automation system needed
System: Plumbing System (8)						***Totals:***	***$757,130***	***$1,407,111***	
213	Fixtures (A)	04-28-2005	04-28-2010	2	80%	$7.90	$246,069		Replace worn out fixtures.
214	Supply Piping (B)	04-28-2005	04-28-2010	2	40%	$19.09	$297,308		System is almost 100 year old galvanized.
215	Waste Piping (C)	04-28-2005	02-07-2017	2	60%	$9.15	$213,753		System is almost 100 year old Cast and galvanized.
System: Electrical System (9)						***Totals:***	***$217,164***	***$1,360,389***	
216	Building Service (A)	04-28-2005	02-07-2017	2	1%	$7.26	$2,827		Replace old, inadequate system with new electrical meters.
218	Distribution (C)	04-28-2005	02-07-2017	2	50%	$11.01	$214,337		Worn out secondary panel, switches, outlets, receptacles .

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: UM Missoula Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 2/7/2017

Building: Brantly Hall | **Gross Area:** 38,935 Sq Ft | **Report Renewal Cost:** $3,883,770

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 38.2%

Const. Date: 1923 | **Replacement Cost:** $10,174,494

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	***$103,956***	***$582,857***	
220	Exit/Emergency Lighting/Alarms (C	04-28-2005	02-07-2017	2	50%	$5.34	$103,956		Replace old exit lights.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/31/2020

Building: Center for the Rocky Mountain | **Gross Area:** 3,149 Sq Ft | **Report Renewal Cost:** $152,012

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $368.38 | **Deficiency Ratio:** 13.1%

Const. Date: 1955 | **Replacement Cost:** $1,160,060

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$19,112***	***$24,594***	
78	Footings/Foundation Walls (A)	04-28-2005	09-25-2009	2	90%	$6.21	$17,600		GROUT & SEAL FOUNDATION
79	Exterior Steps/Retaining Walls (B)	04-28-2005	08-31-2020	2	30%	$1.60	$1,512		Front steps and ADA ramp was installed.
System: Envelope (2)						***Totals:***	***$47,298***	***$96,454***	
80	Exterior Walls (A)	04-28-2005	08-31-2020	2	25%	$8.24	$6,487		PAINT CRACKED AND CHIPPED WALLS MASONRY
81	Exterior Windows (B)	04-28-2005	09-25-2009	2	100%	$11.19	$35,237		REPLACE ALL EXTERIOR WINDOWS. THEY ARE DAMAGED AND WORN OUT.
82	Exterior Doors/Hatches (C)	04-28-2005	08-31-2020	2	100%	$1.77	$5,574		REPLACE WORN-OUT BACK ENTRANCE DOOR
System: HVAC System (7)						***Totals:***	***$24,699***	***$164,693***	
1705	Heating (A)	08-31-2020	08-31-2020	2	15%	$26.15	$12,352		Residential furnace in basement.
1706	Ventilating (B)	08-31-2020	08-31-2020	2	15%	$7.84	$3,703		System age.
1707	Cooling (C)	08-31-2020	08-31-2020	2	15%	$18.30	$8,644		System age.
System: Plumbing System (8)						***Totals:***	***$26,064***	***$173,762***	
1702	Fixtures (A)	08-31-2020	08-31-2020	2	15%	$13.34	$6,301		Standard wear, residential building.
1703	Supply Piping (B)	08-31-2020	08-31-2020	2	15%	$28.29	$13,363		Standard wear, residential building.
1704	Waste Piping (C)	08-31-2020	08-31-2020	2	15%	$13.55	$6,400		Standard wear, residential building.
System: Electrical System (9)						***Totals:***	***$21,287***	***$161,229***	
93	Lighting (B)	04-28-2005	08-31-2020	5	50%	$13.52	$21,287		Much of the lighting was changed out with interior renovation.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: UM Missoula Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/31/2020

Building: Center for the Rocky Mountain | **Gross Area:** 3,149 Sq Ft | **Report Renewal Cost:** $152,012

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $368.38 | **Deficiency Ratio:** 13.1%

Const. Date: 1955 | **Replacement Cost:** $1,160,060

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)					***Totals:***		***$13,552***	***$62,854***	
95	Egress (A)	04-28-2005	09-25-2009	3	75%	$4.79	$11,313		CLOSE IN OPEN STAIRWAYS TO MEET CODES. BACK ENTRANCE STEPS ARE NARROW & STEEP. BUILDING NEEDS A HAND RAIL
96	Exit/Emergency Lighting/Alarms (C	04-28-2005	09-25-2009	3	10%	$7.11	$2,239		INSTALL FIRE ALARMS/Smoke detectors

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: UM Missoula Main Campus
Building: Chemistry Stores Building
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 1998

Area Correction: 1.44
Gross Area: 4,055 Sq Ft
Cost/Sq Ft: $427.98
Replacement Cost: $1,735,499

Last Audit Date: 2/7/2017
Report Renewal Cost: $111,214
Deficiency Ratio: 6.4%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$6,168***	***$170,472***	
1067	Exterior Walls (A)	06-02-2010	02-07-2017	2	10%	$15.21	$6,168		Brick to be sealed. More moss forming on north end.
System: Roof System (4)						***Totals:***	***$39,739***	***$81,222***	
1314	Covering (B)	06-02-2010	01-06-2006	2	100%	$9.80	$39,739		Material is near end of its life. 20 years.
System: Finishes (5)						***Totals:***	***$9,306***	***$340,417***	
1068	Floor Finishes (D)	01-06-2006	01-06-2006	2	10%	$15.13	$6,135		Starting to wear in offices
1315	Wall Finishes (E)	06-02-2010	01-06-2006	2	5%	$15.64	$3,171		water stain on north wall in 103A.
System: HVAC System (7)						***Totals:***	***$47,362***	***$232,554***	
1070	Ventilating (B)	01-06-2006	01-06-2006	2	20%	$23.36	$18,945		Running 24x7 - will be worn out.
1316	Ventilating (B)	06-02-2010	01-06-2006	2	30%	$23.36	$28,417		stores end 60% - classroom 10%
System: Plumbing System (8)						***Totals:***	***$8,341***	***$386,117***	
1071	Fixtures (A)	01-06-2006	01-06-2006	2	10%	$20.57	$8,341		starting to wear out, drip.
System: Electrical System (9)						***Totals:***	***$166***	***$156,645***	
1072	Building Service (A)	01-06-2006	01-06-2006	3	1%	$4.09	$166		not design well.
System: Safety System (11)						***Totals:***	***$132***	***$62,731***	
1073	Exit/Emergency Lighting/Alarms (C	01-06-2006	01-06-2006	3	1%	$3.25	$132		batteries not charging

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 8/28/2020

Building: Chemistry/Pharmacy | **Gross Area:** 47,833 Sq Ft | **Report Renewal Cost:** $1,275,134

Building Type/ Age Class: Teaching/Research Labs (4A) | **Cost/Sq Ft:** $282.29 | **Deficiency Ratio:** 9.4%

Const. Date: 1938 | **Replacement Cost:** $13,502,778

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$68,305***	***$462,067***	
965	Footings/Foundation Walls (A)	06-20-2007	09-11-2015	2	10%	$7.35	$35,157		Exposed footings are spalling in places.
966	Exterior Steps/Retaining Walls (B)	06-20-2007	09-11-2015	2	30%	$2.31	$33,148		Both are showing signs of repair. North entrance leaks below steps. Rebar rusting.
System: Envelope (2)						***Totals:***	***$146,489***	***$1,496,216***	
967	Exterior Walls (A)	06-20-2007	09-11-2015	2	15%	$10.98	$78,781		West end and sections of the north end are showing signs of wear.
1597	Exterior Windows (B)	09-11-2015	09-11-2015	2	5%	$3.89	$9,304		Windows are 15 years old.
1602	Exterior Doors/Hatches (C)	09-11-2015	08-28-2020	2	30%	$4.07	$58,404		Mortise hardware is in poor condition.
System: Finishes (5)						***Totals:***	***$361,809***	***$3,176,590***	
969	Interior Wall Systems (A)	06-20-2007	09-11-2015	2	25%	$25.03	$299,315		1st and 2nd floors have damaged radius corners, etc.
970	Ceilings (B)	06-20-2007	09-11-2015	2	5%	$14.11	$33,746		Tiles damaged or water stained.
971	Floor Finishes (D)	06-20-2007	09-11-2015	2	5%	$12.02	$28,748		Areas starting to show signs of serious wear.
System: Specialties (6)						***Totals:***	***$10,787***	***$954,268***	
972	Signage/Directories (B)	06-20-2007	09-11-2015	3	15%	$0.77	$5,525		Some room numbers are missing.
1603	Fixed Seating/Risers (C)	09-11-2015	09-11-2015	2	10%	$1.10	$5,262		Chair stands are continually breaking in room 109, need to be replaced.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 8/28/2020

Building: Chemistry/Pharmacy | **Gross Area:** 47,833 Sq Ft | **Report Renewal Cost:** $1,275,134

Building Type/ Age Class: Teaching/Research Labs (4A) | **Cost/Sq Ft:** $282.29 | **Deficiency Ratio:** 9.4%

Const. Date: 1938 | **Replacement Cost:** $13,502,778

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$203,004***	***$1,014,538***	
1599	Heating (A)	09-11-2015	08-28-2020	2	20%	$11.33	$108,390		Worn steam hydronic system.
1600	Ventilating (B)	09-11-2015	08-28-2020	2	20%	$4.22	$40,371		Exhaust hood system undersized and failing.
1601	Cooling (C)	09-11-2015	09-11-2015	2	20%	$5.67	$54,243		Glycol leaks. System is problematic.
System: Plumbing System (8)						***Totals:***	***$401,415***	***$2,853,717***	
1610	Fixtures (A)	10-01-2015	08-28-2020	2	10%	$11.14	$53,286		Some fixtures could be updated to water saving style and are obselete.
973	Supply Piping (B)	06-20-2007	08-28-2020	2	15%	$33.38	$239,500		Old piping needs to be updated.
974	Waste Piping (C)	06-20-2007	08-28-2020	2	15%	$15.14	$108,629		Old piping needs to be updated.
System: Conveying (10)						***Totals:***	***$32,048***	***$320,481***	
975	Elevator/Lift (A)	06-20-2007	08-28-2020	3	10%	$6.70	$32,048		Floor slot needs attention.
System: Safety System (11)						***Totals:***	***$51,277***	***$534,295***	
976	Extinguishing System (B)	06-20-2007	08-28-2020	3	20%	$5.36	$51,277		Needs to be reviewed to make sure everything works.

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: UM Missoula Main Campus
Building: Clarence R. Prescott House
Building Type/ Age Class: Apartment, 1-3 Story (11A)
Const. Date: 1898

Area Correction: 1.44
Gross Area: 3,180 Sq Ft
Cost/Sq Ft: $313.06
Replacement Cost: $995,563

Last Audit Date: 10/15/2021
Report Renewal Cost: $182,697
Deficiency Ratio: 18.4%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$6,772***	***$41,499***	
1520	Footings/Foundation Walls (A)	11-04-2011	10-15-2021	2	20%	$9.85	$6,265		Existing foundation is original rubble, has been well maintained but still shows age, cracking. Built in 1898. - No insulation
1521	Exterior Steps/Retaining Walls (B)	11-04-2011	10-15-2021	2	5%	$3.19	$507		Wooden steps need touched up
System: Envelope (2)						***Totals:***	***$27,139***	***$132,129***	
1522	Exterior Walls (A)	11-04-2011	10-15-2021	2	20%	$28.27	$17,980		Needs repainted/sealed
1523	Exterior Windows (B)	11-04-2011	10-15-2021	2	50%	$4.85	$7,712		Some storms show failing glazing. - Based on lifespan
2503	Exterior Doors/Hatches (C)	10-15-2021	10-15-2021	2	50%	$0.91	$1,447		Based on lifespan - Wooden doors
System: Floor System (3)						***Totals:***	***$7,438***	***$148,792***	
2504	Floor Structure (A)	10-15-2021	10-15-2021	2	5%	$38.65	$6,145		Normal wear and tear due to age - Wood structure
2505	Stair Treads/Risers (B)	10-15-2021	10-15-2021	2	5%	$8.13	$1,293		Normal wear and tear due to age - Carpeted wood stairs
System: Roof System (4)						***Totals:***	***$1,358***	***$26,871***	
2506	Covering (B)	10-15-2021	10-15-2021	2	10%	$4.27	$1,358		Was reroofed in last 5 years
System: Finishes (5)						***Totals:***	***$12,538***	***$209,308***	
2507	Ceilings (B)	10-15-2021	10-15-2021	2	5%	$10.84	$1,724		Normal wear and tear due to age - Painted drywall
2508	Interior Doors/Hardware/Windows (	10-15-2021	10-15-2021	2	10%	$17.36	$5,520		Normal wear and tear due to age
2509	Floor Finishes (D)	10-15-2021	10-15-2021	2	10%	$13.03	$4,144		Normal wear and tear due to age - Carpet,vinyl, wood
2510	Wall Finishes (E)	10-15-2021	10-15-2021	2	5%	$7.23	$1,150		Normal wear and tear due to age - paint, wall paper, wood wainscot

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 10/15/2021

Building: Clarence R. Prescott House | **Gross Area:** 3,180 Sq Ft | **Report Renewal Cost:** $182,697

Building Type/ Age Class: Apartment, 1-3 Story (11A) | **Cost/Sq Ft:** $313.06 | **Deficiency Ratio:** 18.4%

Const. Date: 1898 | **Replacement Cost:** $995,563

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$34,745***	***$107,198***	
2511	Heating (A)	10-15-2021	10-15-2021	2	90%	$12.14	$34,745		20 year old boiler with original radiators
System: Plumbing System (8)						***Totals:***	***$34,980***	***$135,627***	
2512	Fixtures (A)	10-15-2021	10-15-2021	2	20%	$13.22	$8,408		Normal wear and tear due to age
2513	Supply Piping (B)	10-15-2021	10-15-2021	2	30%	$19.97	$19,051		Normal wear and tear due to age
2514	Waste Piping (C)	10-15-2021	10-15-2021	2	25%	$9.46	$7,521		Normal wear and tear due to age
System: Electrical System (9)						***Totals:***	***$39,944***	***$71,932***	
2515	Building Service (A)	10-15-2021	10-15-2021	2	42%	$5.41	$7,226		Based on 50 year lifespan
2516	Lighting (B)	10-15-2021	10-15-2021	2	70%	$6.61	$14,714		Has residential lighting - Needs updated
2517	Distribution (C)	10-15-2021	10-15-2021	2	42%	$8.08	$10,792		Based on 50 year lifespan
2518	Voice/Data (D)	10-15-2021	10-15-2021	2	90%	$2.52	$7,212		Normal wear and tear due to age
System: Safety System (11)						***Totals:***	***$17,783***	***$49,990***	
2519	Egress (A)	10-15-2021	10-15-2021	1	90%	$4.79	$13,709		Based on 20 year lifespan
2520	Exit/Emergency Lighting/Alarms (C	10-15-2021	10-15-2021	2	70%	$1.83	$4,074		Residential lighting - Is replaced as needed.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/31/2020

Building: Clinical Psychology | **Gross Area:** 5,280 Sq Ft | **Report Renewal Cost:** $403,340

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $427.98 | **Deficiency Ratio:** 17.8%

Const. Date: 1983 | **Replacement Cost:** $2,259,787

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$5,375***	***$62,198***	
272	Footings/Foundation Walls (A)	04-28-2005	02-07-2017	2	10%	$10.18	$5,375		Repair damage to front steps. ADD NE
System: Floor System (3)						***Totals:***	***$23,074***	***$130,046***	
273	Stair Treads/Risers (B)	04-28-2005	04-29-2009	3	50%	$8.74	$23,074		Bring stairs to basement to meet codes. STAIR THREADS
System: Roof System (4)						***Totals:***	***$5,174***	***$105,758***	
1733	Covering (B)	08-31-2020	08-31-2020	2	10%	$9.80	$5,174		Single ply membrane is at least 10 years old.
System: Finishes (5)						***Totals:***	***$92,273***	***$443,256***	
277	Floor Finishes (D)	04-28-2005	02-07-2017	2	100%	$15.13	$79,886		Replace worn-out carpet.
278	Wall Finishes (E)	04-28-2005	02-07-2017	2	15%	$15.64	$12,387		Worn out spots need paint, etc.
System: HVAC System (7)						***Totals:***	***$159,683***	***$302,808***	
1630	Heating (A)	02-07-2017	02-07-2017	2	50%	$26.15	$69,036		HVAC is original equipment.
1631	Ventilating (B)	02-07-2017	02-07-2017	2	50%	$23.36	$61,670		Controls are pnuematic and are obselete.
1632	Cooling (C)	02-07-2017	02-07-2017	2	70%	$7.84	$28,977		System is a pump and dump with potable water, very inefficient and very hard on piping.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus
Building: Clinical Psychology
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 1983

Area Correction: 1.44
Gross Area: 5,280 Sq Ft
Cost/Sq Ft: $427.98
Replacement Cost: $2,259,787

Last Audit Date: 8/31/2020
Report Renewal Cost: $403,340
Deficiency Ratio: 17.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$100,552***	***$502,762***	
1730	Fixtures (A)	08-31-2020	08-31-2020	2	20%	$20.57	$21,722		Building needs a new water heater.
1731	Supply Piping (B)	08-31-2020	08-31-2020	2	20%	$51.36	$54,236		Piping is copper and hard water causes pitting, leaks.
1732	Waste Piping (C)	08-31-2020	08-31-2020	2	20%	$23.29	$24,594		Sewer is cast iron and has wroughted out in places requirement replacment.
System: Electrical System (9)						***Totals:***	***$17,209***	***$203,966***	
281	Building Service (A)	04-28-2005	02-07-2017	3	2%	$4.09	$432		Install new meters.
282	Lighting (B)	04-28-2005	08-31-2020	5	25%	$12.71	$16,777		Many fixtures have been replaced.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: UM Missoula Main Campus | **Area Correction:** 1.16 | **Last Audit Date:** 3/29/2017

Building: Corbin Hall | **Gross Area:** 23,190 Sq Ft | **Report Renewal Cost:** $1,846,977

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $280.67 | **Deficiency Ratio:** 28.4%

Const. Date: 1927 | **Replacement Cost:** $6,508,969

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$14,900***	***$175,780***	
154	Exterior Steps/Retaining Walls (B)	04-28-2005	04-28-2010	2	25%	$2.57	$14,900		Step repair
System: Envelope (2)						***Totals:***	***$219,910***	***$567,227***	
155	Exterior Walls (A)	03-29-2017	03-29-2017	2	20%	$6.63	$30,750		Clean Tuckpoint waterproof bricks
156	Exterior Windows (B)	04-28-2005	04-28-2005	2	100%	$7.66	$177,635		Replace all windows.
157	Exterior Doors/Hatches (C)	04-28-2005	04-28-2010	2	35%	$1.42	$11,525		Replace doors.
System: Floor System (3)						***Totals:***	***$61,964***	***$701,266***	
158	Floor Structure (A)	04-28-2005	04-28-2010	2	10%	$23.20	$53,801		Replace wood basement floor.
159	Stair Treads/Risers (B)	04-28-2005	04-28-2005	3	5%	$7.04	$8,163		replace stair treads code compliance
System: Roof System (4)						***Totals:***	***$161,171***	***$219,841***	
160	Covering (B)	04-28-2005	04-28-2010	2	100%	$4.73	$109,689		Replace roof tile.
161	Insulation (C)	04-28-2005	04-28-2005	5	100%	$2.22	$51,482		Add insulation.
System: Finishes (5)						***Totals:***	***$478,363***	***$1,478,131***	
162	Interior Wall Systems (A)	04-28-2005	03-29-2017	2	20%	$17.80	$82,556		Patch and repair interior walls.
163	Ceilings (B)	04-28-2005	03-29-2017	2	20%	$15.74	$73,002		Patch and repair ceiling tiles.
165	Floor Finishes (D)	04-28-2005	04-28-2010	2	50%	$9.00	$104,355		Replace and install new carpet.
166	Wall Finishes (E)	04-28-2005	04-28-2010	2	100%	$9.42	$218,450		Complete patch & paint walls.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: UM Missoula Main Campus | **Area Correction:** 1.16 | **Last Audit Date:** 3/29/2017
Building: Corbin Hall | **Gross Area:** 23,190 Sq Ft | **Report Renewal Cost:** $1,846,977
Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $280.67 | **Deficiency Ratio:** 28.4%
Const. Date: 1927 | **Replacement Cost:** $6,508,969

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$4,592***	***$377,997***	
167	Toilet Partitions (A)	04-28-2005	04-28-2005	2	10%	$1.98	$4,592		Replace all partitions to meet ADA Codes.
System: HVAC System (7)						***Totals:***	***$175,873***	***$671,582***	
168	Heating (A)	04-28-2005	04-28-2010	2	60%	$12.64	$175,873		Replace heating control system and install building automation.
System: Plumbing System (8)						***Totals:***	***$579,657***	***$900,236***	
169	Fixtures (A)	04-28-2005	02-07-2017	2	80%	$8.49	$157,506		Replace plumbing fixtures.
170	Supply Piping (B)	04-28-2005	02-07-2017	2	60%	$20.51	$285,376		Replace supply piping.
171	Waste Piping (C)	04-28-2005	02-07-2017	2	60%	$9.83	$136,775		Sanitary waste
System: Electrical System (9)						***Totals:***	***$84,108***	***$870,321***	
172	Building Service (A)	04-28-2005	04-28-2005	2	1%	$7.79	$1,807		Meter replacement.
174	Distribution (C)	04-28-2005	03-29-2017	2	30%	$11.83	$82,301		New panels, switches, outlets, some wire.
System: Safety System (11)						***Totals:***	***$66,439***	***$372,895***	
178	Exit/Emergency Lighting/Alarms (C	04-28-2005	04-28-2010	3	50%	$5.73	$66,439		New Exit lights

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.16 | **Last Audit Date:** 8/31/2020

Building: Davidson Honors College | **Gross Area:** 21,674 Sq Ft | **Report Renewal Cost:** $480,459

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $301.17 | **Deficiency Ratio:** 7.4%

Const. Date: 1996 | **Replacement Cost:** $6,527,775

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$19,550***	***$534,914***	
1131	Exterior Windows (B)	02-25-2009	02-25-2009	5	10%	$9.02	$19,550		caulked
System: Roof System (4)						***Totals:***	***$71,264***	***$192,032***	
1132	Covering (B)	02-25-2009	08-31-2020	2	80%	$4.11	$71,264		WEARING OUT
System: HVAC System (7)						***Totals:***	***$134,661***	***$913,126***	
1709	Heating (A)	08-31-2020	08-31-2020	2	20%	$21.06	$91,291		System is over 20 years old.
1710	Ventilating (B)	08-31-2020	08-31-2020	2	20%	$6.32	$27,396		System needs to be upgraded.
803	Cooling (C)	04-28-2005	02-25-2009	2	5%	$14.74	$15,974		A sandtrap needs to be installed on the ground water cooling system before piping fails.
System: Plumbing System (8)						***Totals:***	***$184,955***	***$975,763***	
1134	Fixtures (A)	02-25-2009	08-31-2020	2	15%	$11.31	$36,770		WEAR DOWN
804	Supply Piping (B)	02-25-2009	02-25-2009	2	30%	$22.79	$148,185		Hot water recirc. line has pinholes & corrosion. Needs to be replaced with plastic flex tubing.
System: Conveying (10)						***Totals:***	***$29,477***	***$147,383***	
1712	Elevator/Lift (A)	08-31-2020	08-31-2020	2	20%	$6.80	$29,477		Piston Hydro elevator is over 20 years old.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

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Site: UM Missoula Main Campus | **Area Correction:** 1.16 | **Last Audit Date:** 8/31/2020

Building: Davidson Honors College | **Gross Area:** 21,674 Sq Ft | **Report Renewal Cost:** $480,459

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $301.17 | **Deficiency Ratio:** 7.4%

Const. Date: 1996 | **Replacement Cost:** $6,527,775

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)					***Totals:***		***$40,552***	***$348,518***	
1711	Extinguishing System (B)	08-31-2020	08-31-2020	2	20%	$6.49	$28,133		Heads are over 20 years old.
805	Exit/Emergency Lighting/Alarms (C	02-25-2009	02-25-2009	2	10%	$5.73	$12,419		Exit signs and emergency lighting needs backup batteries replaced throughout building.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.94 | **Last Audit Date:** 8/28/2020

Building: Education Building | **Gross Area:** 110,359 Sq Ft | **Report Renewal Cost:** $1,961,136

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $240.47 | **Deficiency Ratio:** 7.4%

Const. Date: 1950 | **Replacement Cost:** $26,538,029

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$59,373***	***$2,207,180***	
612	Exterior Walls (A)	04-28-2005	08-28-2020	2	10%	$5.38	$59,373		Terra Cotta repair on all sides. Exterior also needs to be cleaned tuckpointed and sealed.
System: Roof System (4)						***Totals:***	***$55,124***	***$792,378***	
1682	Covering (B)	08-28-2020	08-28-2020	2	15%	$3.33	$55,124		Capstone on 2008 addition is in poor condition and needs to be replaced.
System: Finishes (5)						***Totals:***	***$147,219***	***$5,278,471***	
617	Interior Wall Systems (A)	04-28-2005	08-28-2020	2	5%	$13.11	$72,340		Cracks in plaster in various locations in hallways.
619	Floor Finishes (D)	08-22-2007	08-28-2020	2	5%	$6.63	$36,584		Replace worn carpet in faculty and staff offices.
620	Wall Finishes (E)	08-22-2007	08-28-2020	2	5%	$6.94	$38,295		Clean, grout and seal tile in hallways, bathrooms & Faculty offices
System: HVAC System (7)						***Totals:***	***$188,383***	***$3,767,656***	
1605	Heating (A)	09-11-2015	09-11-2015	2	10%	$17.07	$188,383		Wireless control system in older wing of building is failing and obselete. Batteries need to be replaced every 6 months.
System: Plumbing System (8)						***Totals:***	***$993,783***	***$3,975,131***	
622	Fixtures (A)	08-22-2007	10-01-2015	2	25%	$8.71	$240,307		Fixtures are origional equipment and nearing the of useful life.
623	Supply Piping (B)	04-28-2005	08-28-2020	2	25%	$18.46	$509,307		Piping is origional galvanized.
624	Waste Piping (C)	04-28-2005	08-28-2020	2	25%	$8.85	$244,169		Waste system is cast with lead seals and is rotted. Proper venting is also needed.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.94 | **Last Audit Date:** 8/28/2020

Building: Education Building | **Gross Area:** 110,359 Sq Ft | **Report Renewal Cost:** $1,961,136

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $240.47 | **Deficiency Ratio:** 7.4%

Const. Date: 1950 | **Replacement Cost:** $26,538,029

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$297,418***	***$3,688,198***	
627	Distribution (C)	08-22-2007	08-28-2020	2	25%	$10.78	$297,418		Replace old panels, switches and outlets in orig. bulding.
System: Conveying (10)						***Totals:***	***$91,212***	***$608,078***	
1683	Elevator/Lift (A)	08-28-2020	08-28-2020	2	15%	$5.51	$91,212		One elevator is 12 years old.
System: Safety System (11)						***Totals:***	***$128,624***	***$1,437,978***	
628	Egress (A)	04-28-2005	08-28-2020	3	15%	$3.13	$51,814		Fire enclose west staircase per UBC code.
630	Exit/Emergency Lighting/Alarms (C	04-28-2005	08-28-2020	3	15%	$4.64	$76,810		This building requires new exit signs, horns & stroves.Doors aren't connected to fire alarms.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 8/28/2020

Building: Fine Arts | **Gross Area:** 63,375 Sq Ft | **Report Renewal Cost:** $4,678,534

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $237.12 | **Deficiency Ratio:** 31.1%

Const. Date: 1935 | **Replacement Cost:** $15,028,114

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$13,404***	***$405,600***	
909	Footings/Foundation Walls (A)	08-02-2006	09-10-2015	2	5%	$4.23	$13,404		surface of foundation in some areas needs to be repaired
System: Envelope (2)						***Totals:***	***$508,585***	***$1,309,961***	
512	Exterior Walls (A)	04-28-2005	09-10-2015	2	20%	$5.61	$71,107		Tuck point brick joints and repair terra-cotta tiles.
513	Exterior Windows (B)	08-02-2006	08-28-2020	2	90%	$6.47	$369,033		Windows are original wood frame and are nearing end of life expectancy.
514	Exterior Doors/Hatches (C)	08-02-2006	09-10-2015	2	90%	$1.20	$68,445		Change out to steel doors on South entrance. Kick plates needed on east side entrance doors. Also, new doors on addition need to be refinished/repaired.
System: Roof System (4)						***Totals:***	***$88,725***	***$507,634***	
914	Covering (B)	08-02-2006	08-28-2020	2	35%	$4.00	$88,725		both east and west outside balconies have been done.
System: Finishes (5)						***Totals:***	***$1,283,597***	***$3,412,744***	
515	Interior Wall Systems (A)	08-02-2006	09-10-2015	2	15%	$15.04	$142,974		Repair cracks in north hallway in theatre.
516	Ceilings (B)	04-28-2005	09-10-2015	2	25%	$13.30	$210,722		Need paint.
517	Interior Doors/Hardware/Windows (	08-02-2006	09-10-2015	2	30%	$9.95	$189,174		Replace various damaged and worn out doors, hardware.
518	Floor Finishes (D)	08-02-2006	09-10-2015	2	70%	$7.60	$337,155		Third and Fourth floors are cracked and tiles are worn beyond repair. 1st and 2nd floors.
519	Wall Finishes (E)	08-02-2006	09-10-2015	2	80%	$7.96	$403,572		Walls are dirty, discolered and still need paint and some patching.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 8/28/2020

Building: Fine Arts | **Gross Area:** 63,375 Sq Ft | **Report Renewal Cost:** $4,678,534

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $237.12 | **Deficiency Ratio:** 31.1%

Const. Date: 1935 | **Replacement Cost:** $15,028,114

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$47,943***	***$872,674***	
916	Toilet Partitions (A)	08-02-2006	08-28-2020	2	30%	$1.68	$31,941		Some partitions are old and worn out.
1677	Fixed Seating/Risers (C)	08-28-2020	08-28-2020	2	25%	$1.01	$16,002		Balcony seating in theatre is original and has not been renovated.
System: HVAC System (7)						***Totals:***	***$329,931***	***$1,550,786***	
521	Heating (A)	08-02-2006	09-10-2015	2	30%	$10.68	$203,054		Damage wear-out of existing original unit heaters. Cast iron valves hard to replace. Starting to replace coils due to wear.
522	Ventilating (B)	08-02-2006	09-10-2015	2	10%	$1.33	$8,429		Theater upgraded in 2010. No or poor ventilation in classroom portion.
1592	Cooling (C)	09-10-2015	08-28-2020	2	15%	$12.46	$118,448		Some of the older units need to be upgraded.
System: Plumbing System (8)						***Totals:***	***$1,191,704***	***$2,078,700***	
523	Fixtures (A)	08-02-2006	10-01-2015	2	30%	$7.17	$136,320		Existing fixtures are very old-nearing end of expected life.
524	Supply Piping (B)	08-02-2006	10-01-2015	2	65%	$17.32	$713,476		Replace existing galvanized with copper.
525	Waste Piping (C)	08-02-2006	10-01-2015	2	65%	$8.30	$341,908		Replace existing metal with pvc.
System: Electrical System (9)						***Totals:***	***$587,233***	***$2,009,621***	
527	Lighting (B)	04-28-2005	10-01-2015	5	40%	$8.18	$207,363		Replace old flourescents w. new T8 lamps & electronic ballasts.
528	Distribution (C)	04-28-2005	08-28-2020	2	60%	$9.99	$379,870		Distribution panels need to be updated in old building.
System: Conveying (10)						***Totals:***	***$400,530***	***$400,530***	
529	Elevator/Lift (A)	08-02-2006	02-23-2011	2	100%	$6.32	$400,530		Existing unit is at the end of its reasonable expected life. Needs to be replaced with new ADA accessible.

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Deficiency Detail by Building

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Site: UM Missoula Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 8/28/2020

Building: Fine Arts | **Gross Area:** 63,375 Sq Ft | **Report Renewal Cost:** $4,678,534

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $237.12 | **Deficiency Ratio:** 31.1%

Const. Date: 1935 | **Replacement Cost:** $15,028,114

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	***$226,882***	***$861,266***	
1678	Extinguishing System (B)	08-28-2020	08-28-2020	2	30%	$5.48	$104,188		Dry system that does theatre needs to be replaced.
532	Exit/Emergency Lighting/Alarms (C	08-02-2006	08-28-2020	3	40%	$4.84	$122,694		Install annunciators, connecting fire doors w. closers etc,

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: UM Missoula Main Campus
Building: Forestry
Building Type/ Age Class: Teaching/Research Labs (4A)
Const. Date: 1921

Area Correction: 1.16
Gross Area: 23,310 Sq Ft
Cost/Sq Ft: $314.86
Replacement Cost: $7,339,620

Last Audit Date: 8/28/2020
Report Renewal Cost: $2,461,709
Deficiency Ratio: 33.5%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$11,981***	***$251,049***	
448	Exterior Steps/Retaining Walls (B)	04-28-2005	08-28-2020	2	20%	$2.57	$11,981		Main west stairs has cracked & settled
System: Envelope (2)						***Totals:***	***$193,717***	***$813,286***	
449	Exterior Walls (A)	04-28-2005	09-10-2015	2	25%	$12.25	$71,387		Seal brick & repair terra-cotta. West wall soffit leak has caused some brick damage.
450	Exterior Windows (B)	04-28-2005	09-10-2015	2	100%	$4.34	$101,165		Single pane wood windows with hoist balances are in very poor condition.
1672	Exterior Doors/Hatches (C)	08-28-2020	08-28-2020	2	20%	$4.54	$21,165		Doors need repair.
System: Roof System (4)						***Totals:***	***$102,448***	***$403,729***	
451	Covering (B)	04-28-2005	08-28-2020	2	25%	$9.08	$52,914		Re-paint roof soffit, and fascia. Gutter membrane is showing signs of wear.
452	Insulation (C)	04-28-2005	09-10-2015	5	50%	$4.25	$49,534		Additional insulation needed.
System: Finishes (5)						***Totals:***	***$286,188***	***$1,726,572***	
1030	Interior Wall Systems (A)	12-06-2006	09-10-2015	2	15%	$27.92	$97,622		Starting to show signs of wear.
1031	Ceilings (B)	12-06-2006	08-28-2020	2	15%	$15.74	$55,035		Places starting to crack.
453	Interior Doors/Hardware/Windows (	04-28-2005	08-28-2020	2	30%	$3.15	$22,028		Replace worn out door closers.
1033	Floor Finishes (D)	12-06-2006	09-10-2015	2	15%	$13.41	$46,888		Carpet and Tarrazo showing signs of wear.
1034	Wall Finishes (E)	12-06-2006	12-06-2006	2	20%	$13.86	$64,615		interior rooms need to be repainted.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus
Building: Forestry
Building Type/ Age Class: Teaching/Research Labs (4A)
Const. Date: 1921

Area Correction: 1.16
Gross Area: 23,310 Sq Ft
Cost/Sq Ft: $314.86
Replacement Cost: $7,339,620

Last Audit Date: 8/28/2020
Report Renewal Cost: $2,461,709
Deficiency Ratio: 33.5%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$52,051***	***$518,648***	
1036	Signage/Directories (B)	12-06-2006	12-06-2006	3	10%	$0.85	$1,981		new room signs
1037	Fixed Seating/Risers (C)	04-28-2005	08-28-2020	2	25%	$1.23	$7,168		starting to show signs of wear.
455	Chalk/Tack/Whiteboards/Cabinets (	04-28-2005	09-10-2015	2	15%	$12.27	$42,902		Replace misc. sink cabinets.
System: HVAC System (7)						***Totals:***	***$235,711***	***$551,515***	
456	Heating (A)	04-28-2005	08-28-2020	2	60%	$12.64	$176,783		Repair traps & hand valves on radiators. Needs new controls.
1590	Cooling (C)	09-10-2015	08-28-2020	2	40%	$6.32	$58,928		Isolated portions of building have cooling, units are old and worn.
System: Plumbing System (8)						***Totals:***	***$1,021,502***	***$1,551,281***	
457	Fixtures (A)	04-28-2005	08-28-2020	2	45%	$12.43	$130,384		Origional porcelain fixtures are worn out. (Rms 301, 113, 107)
458	Supply Piping (B)	04-28-2005	10-01-2015	2	80%	$37.23	$694,265		System is origonal galvanized and is nearing end of life expectancy.
459	Waste Piping (C)	04-28-2005	10-01-2015	2	50%	$16.89	$196,853		System is origonal cast and is nearing the end of life expectancy.
System: Electrical System (9)						***Totals:***	***$328,787***	***$595,804***	
460	Lighting (B)	04-28-2005	10-01-2015	5	50%	$8.19	$95,454		Change out ballasts and and tubes with T8 system.
991	Distribution (C)	10-02-2007	10-01-2015	1	100%	$10.01	$233,333		Panels are at end of useful life. Breakers are unsafe and replacements unavailable.
System: Conveying (10)						***Totals:***	***$174,359***	***$174,359***	
1673	Elevator/Lift (A)	08-28-2020	08-28-2020	2	100%	$7.48	$174,359		Lift on lower level doesn't work.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
- [x] 1
- [x] 2
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Site: UM Missoula Main Campus
Area Correction: 1.16
Last Audit Date: 8/28/2020

Building: Forestry
Gross Area: 23,310 Sq Ft
Report Renewal Cost: $2,461,709

Building Type/ Age Class: Teaching/Research Labs (4A)
Cost/Sq Ft: $314.86
Deficiency Ratio: 33.5%

Const. Date: 1921
Replacement Cost: $7,339,620

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)					*Totals:*		*$54,965*	*$290,443*	
463	Exit/Emergency Lighting/Alarms (C	04-28-2005	12-06-2006	3	90%	$2.62	$54,965		Replace all exit lights in building and bring up to code.(30%Install emergency lighting and upgrade.new fire alarm panel.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/28/2020

Building: Forestry Greenhouse | **Gross Area:** 2,750 Sq Ft | **Report Renewal Cost:** $298,199

Building Type/ Age Class: Teaching/Research Labs (4A) | **Cost/Sq Ft:** $390.86 | **Deficiency Ratio:** 27.7%

Const. Date: 1951 | **Replacement Cost:** $1,074,892

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$15,482***	***$119,130***	
441	Exterior Doors/Hatches (C)	04-28-2005	09-11-2015	2	100%	$5.63	$15,482		Doors are damaged/worn out from moisture.
System: Roof System (4)						***Totals:***	***$7,748***	***$59,125***	
1685	Covering (B)	08-28-2020	08-28-2020	2	25%	$11.27	$7,748		Normal ageing.
System: HVAC System (7)						***Totals:***	***$59,208***	***$80,768***	
442	Heating (A)	04-28-2005	09-11-2015	2	100%	$15.69	$43,148		Entire heat system is worn out.
447	Ventilating (B)	04-28-2005	09-11-2015	2	100%	$5.84	$16,060		Fans are worn out and controls are obselete with no parts avail.
System: Plumbing System (8)						***Totals:***	***$193,231***	***$227,178***	
1608	Fixtures (A)	10-01-2015	10-01-2015	2	20%	$15.43	$8,486		Fixtures are outdated.
443	Supply Piping (B)	04-28-2005	12-06-2006	2	100%	$46.22	$127,105		All supply piping is rotted galvanized and should be replaced.
444	Waste Piping (C)	04-28-2005	10-01-2015	2	100%	$20.96	$57,640		All waste piping is rotted cast with lead seals and should be replaced.
System: Electrical System (9)						***Totals:***	***$22,530***	***$87,258***	
445	Lighting (B)	04-28-2005	10-01-2015	2	50%	$10.17	$13,984		No Description
446	Distribution (C)	04-28-2005	12-06-2006	2	25%	$12.43	$8,546		No Description

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.94 | **Last Audit Date:** 8/31/2020

Building: Gallagher Building | **Gross Area:** 110,380 Sq Ft | **Report Renewal Cost:** $3,294,403

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $244.05 | **Deficiency Ratio:** 12.2%

Const. Date: 1996 | **Replacement Cost:** $26,939,343

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$5,740***	***$562,938***	
1643	Exterior Steps/Retaining Walls (B)	06-08-2017	08-31-2020	2	5%	$1.04	$5,740		Some damage wear-out.
System: Envelope (2)						***Totals:***	***$38,081***	***$2,207,600***	
1714	Exterior Doors/Hatches (C)	08-31-2020	08-31-2020	2	30%	$1.15	$38,081		Doors are 25 years old.
System: Roof System (4)						***Totals:***	***$223,520***	***$792,528***	
1644	Covering (B)	06-08-2017	06-08-2017	2	50%	$3.33	$183,783		Flat roof single ply membrane is nearing end of useful life, scrim showing through in places. Skylight is showing wear and sun damage also.
1645	Insulation (C)	06-08-2017	06-08-2017	2	20%	$1.80	$39,737		Appeared to be soggy in places.
System: Finishes (5)						***Totals:***	***$806,547***	***$5,279,475***	
1715	Interior Doors/Hardware/Windows (	08-31-2020	08-31-2020	2	20%	$9.55	$210,826		Doors and hardware are showing age.
1646	Floor Finishes (D)	06-08-2017	08-31-2020	2	50%	$6.63	$365,910		Carpet, while in good shape for its age, is showing stains and starting to show seams.
1647	Wall Finishes (E)	06-08-2017	08-31-2020	2	30%	$6.94	$229,811		Building needs paint and some Gyp repair from scuffs, etc.
System: Specialties (6)						***Totals:***	***$35,432***	***$1,528,763***	
1648	Fixed Seating/Risers (C)	06-08-2017	06-08-2017	2	30%	$1.07	$35,432		Poor design with fixed seats, bending at pivot point and uphostery is worn and stained.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.94 | **Last Audit Date:** 8/31/2020

Building: Gallagher Building | **Gross Area:** 110,380 Sq Ft | **Report Renewal Cost:** $3,294,403

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $244.05 | **Deficiency Ratio:** 12.2%

Const. Date: 1996 | **Replacement Cost:** $26,939,343

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$1,130,512***	***$3,768,373***	
1654	Heating (A)	06-12-2017	08-31-2020	2	30%	$17.07	$565,256		Controls need to be replaced. Heating valves are failing.
1655	Ventilating (B)	06-12-2017	08-31-2020	2	30%	$5.12	$169,544		Controls need to be replaced. Exhaust fans are worn out.
1656	Cooling (C)	06-12-2017	08-31-2020	2	30%	$11.95	$395,712		Controls need to be replaced.
System: Plumbing System (8)						***Totals:***	***$805,995***	***$4,026,662***	
1649	Fixtures (A)	06-08-2017	06-08-2017	2	10%	$9.17	$101,218		Replace lav faucets throughout the building.
1650	Supply Piping (B)	06-08-2017	06-08-2017	2	25%	$18.46	$509,404		Copper recirc lines need to be replaced. Most of basement has been done.
1651	Waste Piping (C)	06-08-2017	06-08-2017	2	20%	$8.85	$195,373		20 years old.
System: Electrical System (9)						***Totals:***	***$10,817***	***$4,022,247***	
1652	Lighting (B)	06-08-2017	08-31-2020	2	1%	$9.80	$10,817		Building has been updated.
System: Conveying (10)						***Totals:***	***$121,639***	***$608,194***	
1716	Elevator/Lift (A)	08-31-2020	08-31-2020	2	20%	$5.51	$121,639		Elevators are 25 years old.
System: Safety System (11)						***Totals:***	***$116,120***	***$1,438,251***	
1718	Extinguishing System (B)	08-31-2020	08-31-2020	2	20%	$5.26	$116,120		Sprinkler heads are 25 years old.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site:	UM Missoula Main Campus	**Area Correction:**	1.08	**Last Audit Date:**	10/15/2021
Building:	Gilkey Business Education Cent	**Gross Area:**	31,548 Sq Ft	**Report Renewal Cost:**	$589,244
Building Type/ Age Class:	General Classroom/Office (3C)	**Cost/Sq Ft:**	$280.40	**Deficiency Ratio:**	6.7%
Const. Date:	2012	**Replacement Cost:**	$8,846,375		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$30,665***	***$724,658***	
2534	Exterior Windows (B)	10-15-2021	10-15-2021	2	10%	$8.39	$26,469		Small wear and tear
2535	Exterior Doors/Hatches (C)	10-15-2021	10-15-2021	2	10%	$1.33	$4,196		Small wear and tear
System: Roof System (4)						***Totals:***	***$20,541***	***$260,271***	
2536	Covering (B)	10-15-2021	10-15-2021	2	17%	$3.83	$20,541		Different wear on different parts of roof - More on TPO roof section and less on the metal shingle
System: Finishes (5)						***Totals:***	***$58,648***	***$1,733,563***	
2543	Interior Doors/Hardware/Windows (	10-15-2021	10-15-2021	2	10%	$10.97	$34,608		Hardware has some wear and tear
2544	Floor Finishes (D)	10-15-2021	10-15-2021	2	10%	$7.62	$24,040		Stained concrete in basement is damaged - Carpet in most areas
System: Specialties (6)						***Totals:***	***$7,761***	***$502,244***	
2537	Fixed Seating/Risers (C)	10-15-2021	10-15-2021	2	20%	$1.23	$7,761		Damage on fixed tables in auditorium
System: HVAC System (7)						***Totals:***	***$232,622***	***$1,237,313***	
2549	Heating (A)	10-15-2021	10-15-2021	2	20%	$19.61	$123,731		Based on 25 year lifespan - Boiler + Pumps
2550	Ventilating (B)	10-15-2021	10-15-2021	2	12%	$5.88	$22,260		Based on 40 year lifespan - AHU + Fans
2551	Cooling (C)	10-15-2021	10-15-2021	2	20%	$13.73	$86,631		Based on 25 year lifespan - Heat exchanger

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 10/15/2021

Building: Gilkey Business Education Cent | **Gross Area:** 31,548 Sq Ft | **Report Renewal Cost:** $589,244

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $280.40 | **Deficiency Ratio:** 6.7%

Const. Date: 2012 | **Replacement Cost:** $8,846,375

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$116,175***	***$1,322,177***	
2540	Fixtures (A)	10-15-2021	10-15-2021	2	10%	$10.53	$33,220		Normal wear and tear due to age
2541	Supply Piping (B)	10-15-2021	10-15-2021	2	10%	$21.21	$66,913		Normal wear and tear due to age
2542	Waste Piping (C)	10-15-2021	10-15-2021	2	5%	$10.17	$16,042		Normal wear and tear due to age
System: Electrical System (9)						***Totals:***	***$83,807***	***$1,320,599***	
2545	Building Service (A)	10-15-2021	10-15-2021	2	5%	$7.26	$11,452		Based on 50 year lifespan
2546	Lighting (B)	10-15-2021	10-15-2021	2	10%	$11.26	$35,523		Normal wear and tear due to age - Tech changes
2547	Distribution (C)	10-15-2021	10-15-2021	2	5%	$13.77	$21,721		Based on 50 year lifespan
2548	Voice/Data (D)	10-15-2021	10-15-2021	2	5%	$9.58	$15,111		Tech changes
System: Conveying (10)						***Totals:***	***$19,970***	***$199,699***	
2538	Elevator/Lift (A)	10-15-2021	10-15-2021	2	10%	$6.33	$19,970		Based on 50 year lifespan
System: Safety System (11)						***Totals:***	***$19,055***	***$472,274***	
2539	Extinguishing System (B)	10-15-2021	10-15-2021	2	10%	$6.04	$19,055		Based on 35 year lifespan

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 10/15/2021

Building: Grounds and Labor Shop | **Gross Area:** 1,732 Sq Ft | **Report Renewal Cost:** $352,878

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $368.38 | **Deficiency Ratio:** 55.3%

Const. Date: 1966 | **Replacement Cost:** $638,051

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$1,076***	***$13,527***	
2338	Footings/Foundation Walls (A)	10-15-2021	10-15-2021	2	10%	$6.21	$1,076		Wear and tear based on lifespan
System: Envelope (2)						***Totals:***	***$29,375***	***$53,051***	
2339	Exterior Walls (A)	10-15-2021	10-15-2021	2	80%	$8.24	$11,417		Wear and tear based on lifespan - Metal
2340	Exterior Windows (B)	10-15-2021	10-15-2021	2	80%	$11.19	$15,505		Wear and tear based on lifespan
2341	Exterior Doors/Hatches (C)	10-15-2021	10-15-2021	2	80%	$1.77	$2,453		Wear and tear based on lifespan
System: Floor System (3)						***Totals:***	***$4,988***	***$65,019***	
2342	Floor Structure (A)	10-15-2021	10-15-2021	2	10%	$28.80	$4,988		Wear and tear based on lifespan
System: Roof System (4)						***Totals:***	***$16,209***	***$19,052***	
2343	Structure (A)	10-15-2021	10-15-2021	2	85%	$3.15	$4,637		Wear and tear based on lifespan
2344	Covering (B)	10-15-2021	10-15-2021	2	85%	$5.11	$7,523		Wear and tear based on lifespan
2345	Insulation (C)	10-15-2021	10-15-2021	2	85%	$2.75	$4,049		Wear and tear based on lifespan
System: Finishes (5)						***Totals:***	***$68,953***	***$126,886***	
2346	Interior Wall Systems (A)	10-15-2021	10-15-2021	2	85%	$20.08	$29,562		Wear and tear based on lifespan
2347	Interior Doors/Hardware/Windows (	10-15-2021	10-15-2021	2	90%	$14.63	$22,805		Wear and tear based on lifespan
2348	Wall Finishes (E)	10-15-2021	10-15-2021	2	90%	$10.64	$16,586		Wear and tear due to age

Def. Categories
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- [x] 6
- [ ] 7

Site: UM Missoula Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 10/15/2021

Building: Grounds and Labor Shop | **Gross Area:** 1,732 Sq Ft | **Report Renewal Cost:** $352,878

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $368.38 | **Deficiency Ratio:** 55.3%

Const. Date: 1966 | **Replacement Cost:** $638,051

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$71,553***	***$90,584***	
2349	Heating (A)	10-15-2021	10-15-2021	2	95%	$26.15	$43,027		Wear and tear due to age - Gas fired furnace
2350	Cooling (C)	10-15-2021	10-15-2021	2	90%	$18.30	$28,526		Wear and tear due to age - Ductless minisplit
System: Plumbing System (8)						***Totals:***	***$78,908***	***$95,572***	
2351	Fixtures (A)	10-15-2021	10-15-2021	2	80%	$13.34	$18,484		Wear and tear due to age - Original fixtures
2352	Supply Piping (B)	10-15-2021	10-15-2021	2	85%	$28.29	$41,649		Wear and tear due to age - Old galvanized pipes
2353	Waste Piping (C)	10-15-2021	10-15-2021	2	80%	$13.55	$18,775		Wear and tear due to age
System: Electrical System (9)						***Totals:***	***$81,816***	***$88,678***	
2354	Building Service (A)	10-15-2021	10-15-2021	2	90%	$9.68	$15,089		Based on 50 year lifespan
2355	Lighting (B)	10-15-2021	10-15-2021	2	90%	$13.52	$21,075		T8s need to be replaced
2356	Distribution (C)	10-15-2021	10-15-2021	2	90%	$16.52	$25,751		Based on 50 year lifespan
2357	Voice/Data (D)	10-15-2021	10-15-2021	2	100%	$11.49	$19,901		Aged out

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 8/31/2020

Building: Health Sciences | **Gross Area:** 62,964 Sq Ft | **Report Renewal Cost:** $6,261,920

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $289.35 | **Deficiency Ratio:** 34.4%

Const. Date: 1962 | **Replacement Cost:** $18,219,263

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$28,680***	***$504,971***	
1627	Footings/Foundation Walls (A)	08-01-2016	08-01-2016	2	5%	$6.93	$21,817		Cracks present around building.
1628	Exterior Steps/Retaining Walls (B)	08-01-2016	08-01-2016	2	10%	$1.09	$6,863		East entry in poor condition.
System: Envelope (2)						***Totals:***	***$392,580***	***$1,801,400***	
1	Exterior Windows (B)	04-28-2005	10-22-2008	5	100%	$4.32	$272,004		REPLACE SINGLE PANE WINDOWS
2	Exterior Doors/Hatches (C)	04-28-2005	08-30-2020	2	50%	$3.83	$120,576		East entry done. West entry still in poor condition.
System: Finishes (5)						***Totals:***	***$364,813***	***$3,597,133***	
11	Interior Wall Systems (A)	04-28-2005	10-22-2008	2	5%	$21.44	$67,497		UPGRADE COLD ROOM
3	Interior Doors/Hardware/Windows (	04-28-2005	08-30-2020	2	20%	$2.67	$33,623		Hardware replacement.
4	Floor Finishes (D)	04-28-2005	08-31-2020	2	20%	$10.30	$129,706		VAT flooring is old, can't be properly finished.
6	Wall Finishes (E)	04-28-2005	08-31-2020	2	20%	$10.64	$133,987		Standard repair.
System: Specialties (6)						***Totals:***	***$450,192***	***$1,376,393***	
8	Chalk/Tack/Whiteboards/Cabinets (	04-28-2005	08-31-2020	2	50%	$10.37	$326,468		Lab benches have asbestos tops, some cabinetry is old and worn out.
9	Fume Hoods (E)	04-28-2005	10-22-2008	3	50%	$3.93	$123,724		REPLACE FUME HOODS
System: HVAC System (7)						***Totals:***	***$1,886,527***	***$2,457,485***	
12	Heating (A)	04-28-2005	08-31-2020	2	70%	$17.80	$784,531		Install Laboratory grade automation system.
1692	Ventilating (B)	08-30-2020	08-30-2020	2	100%	$15.90	$1,001,128		Install centralized exhaust system. Research building.
1693	Cooling (C)	08-30-2020	08-30-2020	2	30%	$5.34	$100,868		Two pipe system is old and doesn't provide adequate cooling.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 8/31/2020

Building: Health Sciences | **Gross Area:** 62,964 Sq Ft | **Report Renewal Cost:** $6,261,920

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $289.35 | **Deficiency Ratio:** 34.4%

Const. Date: 1962 | **Replacement Cost:** $18,219,263

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$2,321,798***	***$4,035,992***	
16	Fixtures (A)	04-28-2005	08-31-2020	3	60%	$13.30	$502,453		Old and worn out.
17	Supply Piping (B)	04-28-2005	10-22-2008	2	60%	$34.95	$1,320,355		REPLACE VACUUM LINE
18	Waste Piping (C)	04-28-2005	10-22-2008	2	50%	$15.85	$498,990		REPLACE WASTE LINES
System: Electrical System (9)						***Totals:***	***$775,585***	***$1,507,358***	
19	Building Service (A)	04-28-2005	10-22-2008	2	1%	$2.79	$1,757		REPLACE ELECTRIC METERS
20	Lighting (B)	04-28-2005	08-31-2020	5	60%	$7.79	$294,294		REPLACE LIGHTS WITH ELECTRONIC BULLESTS T-8 LAMPS
21	Distribution (C)	04-28-2005	08-31-2020	2	80%	$9.52	$479,534		Sub panels need to be replaced.
System: Safety System (11)						***Totals:***	***$41,745***	***$663,011***	
26	Exit/Emergency Lighting/Alarms (C	10-22-2008	10-22-2008	3	30%	$2.21	$41,745		INSTALL EMERGENCY LIGHTING, ALARMS

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 8/28/2020

Building: Heating Plant | **Gross Area:** 10,160 Sq Ft | **Report Renewal Cost:** $471,116

Building Type/ Age Class: Central Heating Facilities (7A) | **Cost/Sq Ft:** $171.31 | **Deficiency Ratio:** 27.1%

Const. Date: 1923 | **Replacement Cost:** $1,740,611

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$40,675***	***$112,471***	
489	Footings/Foundation Walls (A)	04-28-2005	09-10-2015	2	40%	$8.24	$33,487		Waterproof foundation. Water leakage into lower level was present in 3 different places while on site visit.
490	Exterior Steps/Retaining Walls (B)	04-28-2005	09-10-2015	2	25%	$2.83	$7,188		Tuckpoint and seal cracks at steps.
System: Envelope (2)						***Totals:***	***$95,900***	***$429,666***	
491	Exterior Walls (A)	04-28-2005	09-10-2015	2	20%	$24.92	$50,637		Tuckpoint, waterproof, clean and paint concrete.
492	Exterior Windows (B)	04-28-2005	09-10-2015	2	100%	$0.42	$4,267		Many windows were cracked, are single pane metal and do not merit maintenance. They should be replaced.
493	Exterior Doors/Hatches (C)	04-28-2005	09-10-2015	2	100%	$2.60	$26,416		All doors are at end of useful life and need to be replaced.
1561	Interior Columns/Beams (D)	02-28-2012	09-10-2015	2	10%	$14.35	$14,580		Damage wear out.
System: Roof System (4)						***Totals:***	***$141,528***	***$181,661***	
1562	Covering (B)	02-28-2012	08-28-2020	2	100%	$9.49	$96,418		Ballasted, built-up roof is at end of useful life.
1563	Insulation (C)	02-28-2012	09-10-2015	2	100%	$4.44	$45,110		Add insulation.
System: Finishes (5)						***Totals:***	***$5,791***	***$97,434***	
494	Wall Finishes (E)	04-28-2005	03-28-2007	2	100%	$0.57	$5,791		Interior has not been painted in many years.
System: Plumbing System (8)						***Totals:***	***$63,474***	***$80,772***	
552	Fixtures (A)	04-28-2005	10-01-2015	2	25%	$1.05	$2,667		Replace remainingl fixtures.
553	Supply Piping (B)	04-28-2005	10-01-2015	2	50%	$1.83	$9,296		Replace worn out piping.
554	Waste Piping (C)	04-28-2005	10-01-2015	2	100%	$5.07	$51,511		Replace most waste piping and rain water down spouts.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1
☑ 2
☑ 3
☑ 4
☑ 5
☑ 6
☐ 7

Site: UM Missoula Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 8/28/2020

Building: Heating Plant | **Gross Area:** 10,160 Sq Ft | **Report Renewal Cost:** $471,116

Building Type/ Age Class: Central Heating Facilities (7A) | **Cost/Sq Ft:** $171.31 | **Deficiency Ratio:** 27.1%

Const. Date: 1923 | **Replacement Cost:** $1,740,611

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$61,366***	***$124,257***	
557	Distribution (C)	04-28-2005	08-28-2020	2	100%	$6.04	$61,366		New secondary panels, switch's and outlets.
System: Safety System (11)						***Totals:***	***$62,382***	***$199,847***	
559	Exit/Emergency Lighting/Alarms (C	04-28-2005	03-28-2007	2	100%	$6.14	$62,382		Install new emergency lighting, exit signs, alarms (replace battery system).

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 10/15/2021

Building: Interdisciplinary Science Bldg | **Gross Area:** 61,509 Sq Ft | **Report Renewal Cost:** $2,763,538

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $291.27 | **Deficiency Ratio:** 15.4%

Const. Date: 2009 | **Replacement Cost:** $17,915,726

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$125,325***	***$1,759,772***	
2291	Exterior Windows (B)	10-15-2021	10-15-2021	2	25%	$4.32	$66,430		Age of structure - Normal wear and tear
2292	Exterior Doors/Hatches (C)	10-15-2021	10-15-2021	2	25%	$3.83	$58,895		Age of structure - Normal wear and tear
System: Roof System (4)						***Totals:***	***$134,121***	***$838,368***	
2293	Covering (B)	10-15-2021	10-15-2021	2	30%	$6.67	$123,080		Roof leaks from west side, habitually
2294	Insulation (C)	10-15-2021	10-15-2021	2	5%	$3.59	$11,041		Age of structure - Normal wear and tear
System: Finishes (5)						***Totals:***	***$472,512***	***$3,514,009***	
2295	Ceilings (B)	10-15-2021	10-15-2021	2	15%	$12.09	$111,547		Lay-in ceilings - Normal wear and tear based on lifespan
2296	Interior Doors/Hardware/Windows (	10-15-2021	10-15-2021	2	25%	$2.67	$41,057		Normal wear and tear based on lifespan
2297	Floor Finishes (D)	10-15-2021	10-15-2021	2	35%	$10.30	$221,740		LVT and VCT damaged in spots - Carpet has some permanent staining
2298	Wall Finishes (E)	10-15-2021	10-15-2021	2	15%	$10.64	$98,168		Normal wear and tear based on lifespan
System: Specialties (6)						***Totals:***	***$221,739***	***$1,274,466***	
2299	Toilet Partitions (A)	10-15-2021	10-15-2021	2	25%	$2.24	$34,445		Normal wear and tear based on lifespan
2300	Fixed Seating/Risers (C)	10-15-2021	10-15-2021	2	40%	$1.15	$28,294		Normal wear and tear based on lifespan
2301	Chalk/Tack/Whiteboards/Cabinets (	10-15-2021	10-15-2021	2	15%	$10.37	$95,677		Cabinets have a few issues
2302	Fume Hoods (E)	10-15-2021	10-15-2021	2	15%	$4.37	$40,319		Normal wear and tear based on lifespan
2303	Walk-in Cooler (J)	10-15-2021	10-15-2021	2	20%	$1.87	$23,004		Normal wear and tear based on lifespan

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus
Building: Interdisciplinary Science Bldg
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 2009

Area Correction: 0.98
Gross Area: 61,509 Sq Ft
Cost/Sq Ft: $291.27
Replacement Cost: $17,915,726

Last Audit Date: 10/15/2021
Report Renewal Cost: $2,763,538
Deficiency Ratio: 15.4%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$1,080,590***	***$2,400,696***	
2304	Heating (A)	10-15-2021	10-15-2021	2	45%	$17.80	$492,687		Lifespan - Steam heat exchanger to pumped close loop system
2305	Ventilating (B)	10-15-2021	10-15-2021	2	45%	$15.90	$440,097		Lifespan - Air Handling Unit
2306	Cooling (C)	10-15-2021	10-15-2021	2	45%	$5.34	$147,806		Lifespan - Well water exchanger to closed loop system; AHU with VAV system
System: Electrical System (9)						***Totals:***	***$435,816***	***$1,617,072***	
2307	Building Service (A)	10-15-2021	10-15-2021	2	24%	$2.79	$41,186		Based on 50 year lifespan
2308	Lighting (B)	10-15-2021	10-15-2021	5	30%	$8.65	$159,616		Has T-8/T-5s + Compact flourescents - Transition to LED
2309	Distribution (C)	10-15-2021	10-15-2021	2	24%	$10.57	$156,036		Based on 50 year lifespan
2310	Voice/Data (D)	10-15-2021	10-15-2021	2	30%	$4.28	$78,978		Tech changes and wear and tear
System: Conveying (10)						***Totals:***	***$120,041***	***$353,062***	
2311	Elevator/Lift (A)	10-15-2021	10-15-2021	2	34%	$5.74	$120,041		Based on lifespan of elevator
System: Safety System (11)						***Totals:***	***$173,394***	***$647,690***	
2312	Egress (A)	10-15-2021	10-15-2021	2	40%	$3.26	$80,208		Tech changes - Needs panel expansion
2313	Extinguishing System (B)	10-15-2021	10-15-2021	2	30%	$5.05	$93,186		Based on 35 year lifespan

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus
Building: International Center
Building Type/ Age Class: General Classroom/Office (3A)
Const. Date: 1937

Area Correction: 1.44
Gross Area: 6,853 Sq Ft
Cost/Sq Ft: $348.42
Replacement Cost: $2,387,722

Last Audit Date: 10/15/2021
Report Renewal Cost: $903,478
Deficiency Ratio: 37.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$33,535***	***$64,487***	
944	Footings/Foundation Walls (A)	02-14-2007	09-11-2015	2	10%	$6.21	$4,256		settling/cracks in each of four corners
2454	Footings/Foundation Walls (A)	10-15-2021	10-15-2021	2	20%	$6.21	$8,511		Wear and tear due to age
499	Exterior Steps/Retaining Walls (B)	04-28-2005	09-11-2015	2	95%	$3.19	$20,768		Steps and brick fascia need repair and replacement in places on main entrance. Also needs to be seal
System: Envelope (2)						***Totals:***	***$25,297***	***$208,126***	
495	Exterior Walls (A)	04-28-2005	09-11-2015	2	15%	$8.24	$8,470		Tuckpoint, clean & seal brick.
496	Exterior Windows (B)	04-28-2005	08-28-2020	2	10%	$9.51	$6,517		All windows are origional wood frame.
497	Exterior Doors/Hatches (C)	04-28-2005	08-28-2020	2	85%	$1.77	$10,310		Front entry doors and east entry door needs replacement. Wood frame in poor condition.
System: Floor System (3)						***Totals:***	***$38,589***	***$257,262***	
2456	Floor Structure (A)	10-15-2021	10-15-2021	2	15%	$28.80	$29,605		Wear and tear due to age
2457	Stair Treads/Risers (B)	10-15-2021	10-15-2021	2	15%	$8.74	$8,984		Wear and tear due to age
System: Roof System (4)						***Totals:***	***$34,193***	***$80,660***	
1575	Covering (B)	10-26-2012	08-28-2020	2	85%	$5.87	$34,193		Hypolon roof is 17 years old.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 10/15/2021

Building: International Center | **Gross Area:** 6,853 Sq Ft | **Report Renewal Cost:** $903,478

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $348.42 | **Deficiency Ratio:** 37.8%

Const. Date: 1937 | **Replacement Cost:** $2,387,722

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$161,988***	***$542,278***	
946	Ceilings (B)	02-14-2007	02-14-2007	2	5%	$19.54	$6,695		several stained tiles
947	Interior Doors/Hardware/Windows (	02-14-2007	09-11-2015	2	70%	$14.63	$70,182		Interior doors are cracking and need to be filled.- Hardware needs replaced
948	Floor Finishes (D)	02-14-2007	10-15-2021	2	85%	$11.17	$65,066		Several sections of flooring are showing wear. Carpet is worn through in places and hardwood flooring needs refinishing. - VCT is starting to pop
949	Wall Finishes (E)	02-14-2007	09-11-2015	2	15%	$11.70	$12,027		classrooms and some offices need touch painting or new paint.
2459	Wall Finishes (E)	10-15-2021	10-15-2021	2	10%	$11.70	$8,018		Needs touched up
System: Specialties (6)						***Totals:***	***$29,725***	***$138,705***	
2461	Signage/Directories (B)	10-15-2021	10-15-2021	2	50%	$1.06	$3,632		Signage needs to be up to ADA code
2462	Chalk/Tack/Whiteboards/Cabinets (	10-15-2021	10-15-2021	2	25%	$15.23	$26,093		Wear and tear due to age - Whiteboards
System: HVAC System (7)						***Totals:***	***$212,326***	***$246,365***	
950	Heating (A)	02-14-2007	10-15-2021	2	90%	$15.69	$96,771		Wear and tear due to age - Steam radiators controlled by one steam valve and one thermostat
951	Ventilating (B)	02-14-2007	08-28-2020	4	20%	$1.96	$2,686		Heating and ventilation need better regulation.
1595	Cooling (C)	09-11-2015	10-15-2021	2	90%	$18.30	$112,869		Old, poorly designed system needs to be replaced.
System: Plumbing System (8)						***Totals:***	***$204,617***	***$330,246***	
1577	Fixtures (A)	10-26-2012	10-15-2021	2	40%	$10.53	$28,865		Old and worn.
503	Supply Piping (B)	04-28-2005	10-01-2015	2	60%	$25.46	$104,686		Original galvanized piping.
953	Waste Piping (C)	02-14-2007	10-15-2021	2	85%	$12.20	$71,066		Cast iron is rotting

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: UM Missoula Main Campus
Building: International Center
Building Type/ Age Class: General Classroom/Office (3A)
Const. Date: 1937

Area Correction: 1.44
Gross Area: 6,853 Sq Ft
Cost/Sq Ft: $348.42
Replacement Cost: $2,387,722

Last Audit Date: 10/15/2021
Report Renewal Cost: $903,478
Deficiency Ratio: 37.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$97,176***	***$319,281***	
510	Building Service (A)	04-28-2005	10-01-2015	1	10%	$9.68	$6,634		Transformer need lugs tightened.
507	Distribution (C)	04-28-2005	10-15-2021	2	90%	$14.68	$90,542		Based on 50 year lifespan
System: Conveying (10)						***Totals:***	***$63,596***	***$63,596***	
955	Elevator/Lift (A)	02-14-2007	10-15-2021	3	100%	$9.28	$63,596		basement is not accessible.
System: Safety System (11)						***Totals:***	***$2,436***	***$136,786***	
509	Exit/Emergency Lighting/Alarms (C	04-28-2005	04-28-2005	3	5%	$7.11	$2,436		No exit signs or emergency lighting presently exists within the building.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 8/3/2010

Building: James E. Todd Building | **Gross Area:** 32,625 Sq Ft | **Report Renewal Cost:** $82,117

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $280.40 | **Deficiency Ratio:** 0.9%

Const. Date: 1998 | **Replacement Cost:** $9,148,376

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$1,912***	***$191,183***	
1377	Footings/Foundation Walls (A)	08-03-2010	08-03-2010	2	1%	$4.66	$1,520		initial input per meeting with Joe G.
1378	Exterior Steps/Retaining Walls (B)	08-03-2010	08-03-2010	2	1%	$1.20	$392		initial entry per meeting with Joe G
System: Envelope (2)						***Totals:***	***$7,497***	***$749,396***	
1380	Exterior Walls (A)	08-03-2010	08-03-2010	2	1%	$6.18	$2,016		initial entry per meeting with Joe G
1381	Exterior Windows (B)	08-03-2010	08-03-2010	2	1%	$8.39	$2,737		initial entry per meeting with Joe G
1382	Exterior Doors/Hatches (C)	08-03-2010	08-03-2010	2	1%	$1.33	$434		initial entry per meeting with Joe G
1383	Interior Columns/Beams (D)	08-03-2010	08-03-2010	2	1%	$7.08	$2,310		initial entry per meeting with Joe G
System: Floor System (3)						***Totals:***	***$9,187***	***$918,720***	
1385	Floor Structure (A)	08-03-2010	08-03-2010	2	1%	$21.60	$7,047		initial entry per meeting with Joe G
1386	Stair Treads/Risers (B)	08-03-2010	08-03-2010	2	1%	$6.56	$2,140		initial entry per meeting with Joe G
System: Roof System (4)						***Totals:***	***$2,692***	***$269,156***	
1387	Structure (A)	08-03-2010	08-03-2010	2	1%	$2.36	$770		initial entry per meeting with Joe G
1388	Covering (B)	08-03-2010	08-03-2010	2	1%	$3.83	$1,250		initial entry per meeting with Joe G
1389	Insulation (C)	08-03-2010	08-03-2010	2	1%	$2.06	$672		initial entry per meeting with Joe G

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 8/3/2010

Building: James E. Todd Building | **Gross Area:** 32,625 Sq Ft | **Report Renewal Cost:** $82,117

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $280.40 | **Deficiency Ratio:** 0.9%

Const. Date: 1998 | **Replacement Cost:** $9,148,376

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$17,927***	***$1,792,744***	
1390	Interior Wall Systems (A)	08-03-2010	08-03-2010	2	1%	$15.06	$4,913		initial entry per meeting with Joe G
1392	Ceilings (B)	08-03-2010	08-03-2010	2	1%	$13.32	$4,346		initial entry per meeting with Joe G
1393	Interior Doors/Hardware/Windows (	08-03-2010	08-03-2010	2	1%	$10.97	$3,579		initial entry per meeting with Joe G
1394	Floor Finishes (D)	08-03-2010	08-03-2010	2	1%	$7.62	$2,486		initial entry per meeting with Joe G
1395	Wall Finishes (E)	08-03-2010	08-03-2010	2	1%	$7.98	$2,603		initial entry per meeting with Joe G
System: Specialties (6)						***Totals:***	***$803***	***$519,390***	
1396	Toilet Partitions (A)	08-03-2010	08-03-2010	2	1%	$2.46	$803		initial entry per meeting with Joe G
System: HVAC System (7)						***Totals:***	***$12,795***	***$1,279,553***	
1397	Heating (A)	08-03-2010	08-03-2010	2	1%	$19.61	$6,398		initial entry per meeting with Joe G
1398	Ventilating (B)	08-03-2010	08-03-2010	2	1%	$5.88	$1,918		initial entry per meeting with Joe G
1399	Cooling (C)	08-03-2010	08-03-2010	2	1%	$13.73	$4,479		initial entry per meeting with Joe G
System: Plumbing System (8)						***Totals:***	***$13,673***	***$1,367,314***	
1400	Fixtures (A)	08-03-2010	08-03-2010	2	1%	$10.53	$3,435		initial entry per meeting with Joe G
1401	Supply Piping (B)	08-03-2010	08-03-2010	2	1%	$21.21	$6,920		initial entry per meeting with Joe G
1402	Waste Piping (C)	08-03-2010	08-03-2010	2	1%	$10.17	$3,318		initial entry per meeting with Joe G

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 8/3/2010

Building: James E. Todd Building | **Gross Area:** 32,625 Sq Ft | **Report Renewal Cost:** $82,117

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $280.40 | **Deficiency Ratio:** 0.9%

Const. Date: 1998 | **Replacement Cost:** $9,148,376

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)					***Totals:***		***$13,660***	***$1,365,683***	
1403	Building Service (A)	08-03-2010	08-03-2010	2	1%	$7.26	$2,369		initial entry per meeting with Joe G
1404	Lighting (B)	08-03-2010	08-03-2010	2	1%	$11.26	$3,674		initial entry per meeting with Joe G
1405	Distribution (C)	08-03-2010	08-03-2010	2	1%	$13.77	$4,492		initial entry per meeting with Joe G
1406	Voice/Data (D)	08-03-2010	08-03-2010	2	1%	$9.58	$3,125		initial entry per meeting with Joe G
System: Safety System (11)					***Totals:***		***$1,971***	***$488,396***	
1407	Extinguishing System (B)	08-03-2010	08-03-2010	2	1%	$6.04	$1,971		initial entry per meeting with Joe G

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: UM Missoula Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 8/28/2020

Building: Jeanette Rankin Hall | **Gross Area:** 16,532 Sq Ft | **Report Renewal Cost:** $2,164,097

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $292.77 | **Deficiency Ratio:** 44.7%

Const. Date: 1909 | **Replacement Cost:** $4,840,239

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$58,772***	***$130,768***	
363	Footings/Foundation Walls (A)	04-28-2005	11-22-2017	2	45%	$5.22	$38,834		NO. & SO. Foundation Walls need to be waterproofed. More settlement cracks forming.
364	Exterior Steps/Retaining Walls (B)	04-28-2005	11-22-2017	2	45%	$2.68	$19,938		Steps need sealing. Mortar joints redone. I-Beam underneath steps is rusting.
System: Envelope (2)						***Totals:***	***$207,386***	***$421,897***	
365	Exterior Walls (A)	04-28-2005	11-22-2017	2	10%	$6.92	$11,440		Tuck Point and seal bricks. Settling cracks noted in bricks on S/E & S/W wall.
366	Exterior Windows (B)	04-28-2005	11-22-2017	2	100%	$7.99	$132,091		All exterior windows are orig. wood frame single pane and have reached the end of their useful life.
1411	Exterior Doors/Hatches (C)	01-13-2011	11-22-2017	2	45%	$1.49	$11,085		Doors need refinishing and new hardware.
1412	Interior Columns/Beams (D)	04-13-2011	11-22-2017	2	35%	$9.12	$52,770		Sagging noted in basement.
System: Floor System (3)						***Totals:***	***$250,419***	***$521,585***	
368	Floor Structure (A)	04-28-2005	11-22-2017	2	55%	$24.20	$220,041		Basement Floor squeaks and sinks, needs re-building.Replace mezanine(20%)
369	Stair Treads/Risers (B)	04-28-2005	11-22-2017	2	25%	$7.35	$30,378		Showing wear. Wood shows damage for ice melt, need to be refinished.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 8/28/2020

Building: Jeanette Rankin Hall | **Gross Area:** 16,532 Sq Ft | **Report Renewal Cost:** $2,164,097

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $292.77 | **Deficiency Ratio:** 44.7%

Const. Date: 1909 | **Replacement Cost:** $4,840,239

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$496,588***	***$1,099,213***	
372	Interior Wall Systems (A)	04-28-2005	11-22-2017	2	35%	$18.56	$107,392		More plaster cracks showing up.
373	Ceilings (B)	04-28-2005	11-22-2017	2	40%	$16.42	$108,582		Repair suspended ceilings - coordinate with Historical Preservation Committee.
374	Interior Doors/Hardware/Windows (	04-28-2005	11-22-2017	2	25%	$12.29	$50,795		Install fire rated doors and check with Historical Committee about transom.
376	Floor Finishes (D)	04-28-2005	08-28-2020	2	80%	$9.39	$124,188		Replace worn out carpet and maple flooring in basement needs attention
377	Wall Finishes (E)	04-28-2005	11-22-2017	2	65%	$9.83	$105,631		Class/Lab project did all classrooms. Hallways and offices are still in poor condition. Wall treatments in classes stained and aging.
System: Specialties (6)						***Totals:***	***$7,522***	***$281,044***	
378	Toilet Partitions (A)	04-28-2005	08-28-2020	2	10%	$2.07	$3,422		Basement mens room has been completely remodeled and replumbed.
1413	Fixed Seating/Risers (C)	04-13-2011	11-22-2017	2	20%	$1.24	$4,100		Fixed solid oad tables are cracking in places, need repair again.
System: HVAC System (7)						***Totals:***	***$151,193***	***$499,432***	
1414	Heating (A)	04-13-2011	11-27-2017	2	60%	$13.18	$130,735		Steam & Condesnate piping is old and worn out. Valves and Traps as well.
920	Ventilating (B)	09-21-2006	09-09-2015	1	25%	$1.65	$6,819		Ventilation needed in mechanical room under entrance steps.
1665	Ventilating (B)	11-27-2017	11-27-2017	2	50%	$1.65	$13,639		Exhaust fan in mens basement restroom needs to be replaced. This is the only exhaust for the entire building.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 8/28/2020

Building: Jeanette Rankin Hall | **Gross Area:** 16,532 Sq Ft | **Report Renewal Cost:** $2,164,097

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $292.77 | **Deficiency Ratio:** 44.7%

Const. Date: 1909 | **Replacement Cost:** $4,840,239

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$517,709***	***$669,381***	
382	Fixtures (A)	04-28-2005	11-22-2017	1	20%	$8.85	$29,262		Men's restroom in basement remodeled. Womens needs new fixtures etc.
383	Supply Piping (B)	04-28-2005	11-22-2017	2	95%	$21.39	$335,939		PIPING IS WORN OUT GALV OR BLACK IRON. NEEDS REPLACEMENT.
384	Waste Piping (C)	04-28-2005	08-28-2020	2	90%	$10.25	$152,508		Original waste system is cast iron, over 100 years old.
System: Electrical System (9)						***Totals:***	***$421,897***	***$647,228***	
385	Building Service (A)	04-28-2005	11-22-2017	2	100%	$8.13	$134,405		INSTALL NEW SERVICE.
386	Lighting (B)	04-28-2005	11-22-2017	5	50%	$10.10	$83,487		INSTALL ELECTRONIC BALLASTS AND T8 LAMPS..T-12s are becoming obsolete.
387	Distribution (C)	04-28-2005	11-22-2017	2	100%	$12.34	$204,005		INSTALL NEW SECONDARY ELECTRICAL SYSTEM, SWITCHES AND OUTLETS.
System: Safety System (11)						***Totals:***	***$52,611***	***$277,407***	
389	Egress (A)	04-28-2005	11-22-2017	2	30%	$4.03	$19,987		Basement and 1st floor stairs need replacement.
391	Exit/Emergency Lighting/Alarms (C	04-28-2005	04-13-2011	3	33%	$5.98	$32,624		exit lights, emergency lighting, smoke detectors and fire alarm system has been upgraded

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.94 | **Last Audit Date:** 8/31/2020

Building: Law | **Gross Area:** 111,163 Sq Ft | **Report Renewal Cost:** $2,364,314

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $240.47 | **Deficiency Ratio:** 8.8%

Const. Date: 1962 | **Replacement Cost:** $26,732,478

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$68,254***	***$566,931***	
874	Footings/Foundation Walls (A)	06-07-2006	01-13-2016	2	10%	$4.06	$45,132		Sections of Concrete Masonry Unit (CMU) are showing signs of wear.Cracks are present on west side of old bldg. Some cracking on new bldg south side also.
875	Exterior Steps/Retaining Walls (B)	06-07-2006	08-31-2020	2	20%	$1.04	$23,122		North ramp is cracked, uneven and hand rail has rusted completely off at East end.
System: Envelope (2)						***Totals:***	***$58,983***	***$2,223,260***	
719	Exterior Walls (A)	04-28-2005	01-13-2016	2	2%	$5.38	$11,961		Seal concrete eve around building from further cracking. Repair cracks in concrete on SW wall of old bldg.
720	Exterior Windows (B)	06-07-2006	01-13-2016	5	5%	$7.31	$40,630		Most exterior windows in building were replaced in 2009. Small section on north side remains.
901	Exterior Doors/Hatches (C)	06-07-2006	06-07-2006	2	5%	$1.15	$6,392		A couple of metal doors need to be treated and painted.
System: Roof System (4)						***Totals:***	***$189,589***	***$798,150***	
722	Covering (B)	04-28-2005	04-28-2005	2	5%	$3.33	$18,509		Replace flashing at west EPDM section fo roof.
879	Covering (B)	06-07-2006	08-31-2020	2	30%	$3.33	$111,052		Upper section 100%, ballast section 50% of original building.
881	Insulation (C)	06-07-2006	08-31-2020	5	30%	$1.80	$60,028		Very little or no insulation was identified in roof system.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.94 | **Last Audit Date:** 8/31/2020

Building: Law | **Gross Area:** 111,163 Sq Ft | **Report Renewal Cost:** $2,364,314

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $240.47 | **Deficiency Ratio:** 8.8%

Const. Date: 1962 | **Replacement Cost:** $26,732,478

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$243,680***	***$5,316,926***	
903	Interior Wall Systems (A)	06-07-2006	06-07-2006	2	5%	$13.11	$72,867		Some places where sheetrock is damaged and needs to be replaced.
882	Ceilings (B)	06-07-2006	06-07-2006	2	5%	$11.59	$64,419		A few locations where water has damaged/stained ceiling tile.
884	Interior Doors/Hardware/Windows (	06-07-2006	01-13-2016	2	5%	$9.55	$53,080		Some doors need refurbishing, new hardware and new keys. New bldg has an issue with tail pieces bending in locks.
885	Floor Finishes (D)	06-07-2006	01-13-2016	2	2%	$6.63	$14,740		Portion of library carpet has still not been replaced.
887	Wall Finishes (E)	06-07-2006	01-13-2016	2	5%	$6.94	$38,574		Some touch-up needed in new building where wall panels were damaged. Also, some cracking in sheet rock between doors and interior windows in offices.
System: Specialties (6)						***Totals:***	***$1,189***	***$1,528,491***	
1696	Fixed Seating/Risers (C)	08-31-2020	08-31-2020	2	1%	$1.07	$1,189		New
System: HVAC System (7)						***Totals:***	***$645,190***	***$3,795,105***	
889	Heating (A)	06-07-2006	01-13-2016	2	20%	$17.07	$379,510		Heat pumps in old building are failing. Taco load match pumps are failing.
891	Cooling (C)	06-07-2006	06-07-2006	2	20%	$11.95	$265,680		Heat pumps are failing and Liebert A/C units for the server/switch rooms are at end of useful life.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.94 | **Last Audit Date:** 8/31/2020

Building: Law | **Gross Area:** 111,163 Sq Ft | **Report Renewal Cost:** $2,364,314

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $240.47 | **Deficiency Ratio:** 8.8%

Const. Date: 1962 | **Replacement Cost:** $26,732,478

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$600,613***	***$4,004,091***	
893	Fixtures (A)	06-07-2006	06-07-2006	2	15%	$8.71	$145,234		Bathroom fixtures need to be replaced.
894	Supply Piping (B)	06-07-2006	01-13-2016	2	15%	$18.46	$307,810		Original supply lines are over 40 years old and sections need to be replaced.
895	Waste Piping (C)	06-07-2006	01-13-2016	2	15%	$8.85	$147,569		Original systems is over 40 years old and sections need to be replaced.
System: Electrical System (9)						***Totals:***	***$408,524***	***$3,715,067***	
732	Lighting (B)	06-07-2006	04-28-2005	2	5%	$8.82	$49,023		Some T12's in stairwells of old building still neet dot be upgraded.
897	Distribution (C)	06-07-2006	08-31-2020	2	30%	$10.78	$359,501		Portions of system is worn out and needs to be replaced.
System: Conveying (10)						***Totals:***	***$122,502***	***$612,508***	
1695	Elevator/Lift (A)	08-31-2020	08-31-2020	2	20%	$5.51	$122,502		Original elevator is 50 years old.
System: Safety System (11)						***Totals:***	***$25,790***	***$1,448,454***	
898	Exit/Emergency Lighting/Alarms (C	06-07-2006	06-07-2006	1	5%	$4.64	$25,790		Building safety systems have been updated.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.94 | **Last Audit Date:** 8/28/2020

Building: Liberal Arts | **Gross Area:** 100,713 Sq Ft | **Report Renewal Cost:** $3,844,155

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $227.44 | **Deficiency Ratio:** 16.8%

Const. Date: 1954 | **Replacement Cost:** $22,907,172

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$83,592***	***$618,378***	
30	Footings/Foundation Walls (A)	07-26-2016	08-28-2020	2	5%	$4.06	$20,445		Cracks, water leaks in basement.
28	Exterior Steps/Retaining Walls (B)	07-26-2016	04-28-2005	2	30%	$2.09	$63,147		STEPS NEED REPAIR
System: Envelope (2)						***Totals:***	***$475,063***	***$1,996,132***	
29	Exterior Walls (A)	07-26-2016	04-28-2005	2	15%	$5.38	$81,275		Tuckpoint and waterproof.
978	Exterior Windows (B)	07-26-2016	08-28-2020	2	50%	$6.21	$312,714		Residential windows, not for commercial use. Worn out. Center Southfaicing classroom section has been replaced.
31	Exterior Doors/Hatches (C)	07-26-2016	04-28-2005	2	70%	$1.15	$81,074		Replace entry doors.
System: Floor System (3)						***Totals:***	***$94,670***	***$2,468,476***	
979	Floor Structure (A)	07-26-2016	06-20-2007	2	5%	$18.80	$94,670		Starting to show signs of cracking.
System: Roof System (4)						***Totals:***	***$15,993***	***$773,476***	
981	Structure (A)	07-26-2016	06-20-2007	2	5%	$2.05	$10,323		Flat Builtup wood roof.
33	Covering (B)	07-26-2016	04-28-2005	2	1%	$3.83	$3,857		Replaced in 2019
980	Insulation (C)	07-26-2016	08-28-2020	3	1%	$1.80	$1,813		Replaced in 2019
System: Finishes (5)						***Totals:***	***$879,024***	***$5,201,826***	
982	Ceilings (B)	07-26-2016	08-28-2020	2	5%	$12.75	$64,205		lots of sections have water stains or are damaged.
35	Interior Doors/Hardware/Windows (	07-26-2016	08-28-2020	2	30%	$9.55	$288,543		All wings still need to be renovated.
36	Floor Finishes (D)	07-26-2016	08-28-2020	2	35%	$7.29	$256,969		Replace VAT throughout offices, and carpet.
983	Wall Finishes (E)	07-26-2016	08-28-2020	2	35%	$7.64	$269,307		All wings need to be done.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.94 | **Last Audit Date:** 8/28/2020

Building: Liberal Arts | **Gross Area:** 100,713 Sq Ft | **Report Renewal Cost:** $3,844,155

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $227.44 | **Deficiency Ratio:** 16.8%

Const. Date: 1954 | **Replacement Cost:** $22,907,172

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$55,593***	***$1,330,419***	
37	Toilet Partitions (A)	07-26-2016	04-28-2005	2	30%	$1.61	$48,644		REPLACE ALL TOILET PARTITIONS
984	Signage/Directories (B)	07-26-2016	06-20-2007	3	10%	$0.69	$6,949		No Braille, evacuation maps.
System: HVAC System (7)						***Totals:***	***$614,501***	***$2,363,734***	
40	Heating (A)	07-26-2016	08-28-2020	2	50%	$10.24	$515,651		Eck Hall/classroom portion of building has been renovated.
985	Ventilating (B)	07-26-2016	08-28-2020	2	30%	$1.28	$38,674		More air needs to be routed through building.
1687	Cooling (C)	08-28-2020	08-28-2020	2	5%	$11.95	$60,176		Cooling is only in classrooms
System: Plumbing System (8)						***Totals:***	***$548,080***	***$3,168,431***	
43	Fixtures (A)	07-26-2016	04-28-2005	3	25%	$6.88	$173,226		Replace fixtures.
1612	Supply Piping (B)	07-26-2016	07-26-2016	2	20%	$16.62	$334,770		Galvanized and Copper is starting to fail.
44	Waste Piping (C)	07-26-2016	04-28-2005	2	5%	$7.96	$40,084		REPLACE WASTE PIPING ON DRINKING FOUNTAINS AND TOILETS AS NEEDED
System: Electrical System (9)						***Totals:***	***$732,838***	***$3,062,682***	
45	Lighting (B)	06-20-2007	04-28-2005	5	50%	$7.84	$394,795		INSTALL ELECTRONIC BALLASTS AND T8 LAMPS
46	Distribution (C)	06-20-2007	08-28-2020	2	25%	$9.59	$241,459		East side service needs NEW CT METERS
47	Distribution (C)	04-28-2005	04-28-2005	2	10%	$9.59	$96,584		Westside Services needs NEW CT METERS
System: Conveying (10)						***Totals:***	***$152,580***	***$610,321***	
986	Elevator/Lift (A)	07-26-2016	08-28-2020	2	25%	$6.06	$152,580		Elevator is 15 years old.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1
☑ 2
☑ 3
☑ 4
☑ 5
☑ 6
☐ 7

Site: UM Missoula Main Campus | **Area Correction:** 0.94 | **Last Audit Date:** 8/28/2020

Building: Liberal Arts | **Gross Area:** 100,713 Sq Ft | **Report Renewal Cost:** $3,844,155

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $227.44 | **Deficiency Ratio:** 16.8%

Const. Date: 1954 | **Replacement Cost:** $22,907,172

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	***$192,221***	***$1,312,290***	
1688	Extinguishing System (B)	08-28-2020	08-28-2020	3	1%	$5.26	$5,298		Eck hall portion of building is sprinkled.
50	Exit/Emergency Lighting/Alarms (C	07-26-2016	08-28-2020	2	40%	$4.64	$186,923		Quite a few areas still don't have appropriate lighting.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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- [x] 2
- [x] 3
- [x] 4
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- [x] 6
- [ ] 7

Site: UM Missoula Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 8/4/2010

Building: Lodge | **Gross Area:** 99,150 Sq Ft | **Report Renewal Cost:** $4,809

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $232.28 | **Deficiency Ratio:** 0.0%

Const. Date: 1955 | **Replacement Cost:** $23,031,554

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$4,105***	***$621,671***	
1409	Footings/Foundation Walls (A)	08-04-2010	08-04-2010	2	1%	$4.14	$4,105		example for Bob Stevens
System: Specialties (6)						***Totals:***	***$704***	***$1,337,534***	
1261	Signage/Directories (B)	04-27-2010	04-27-2010	4	1%	$0.71	$704		test figure until audit scheduled

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.93 | **Last Audit Date:** 8/31/2020
Building: Mansfield Library | **Gross Area:** 220,075 Sq Ft | **Report Renewal Cost:** $6,311,862
Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $237.91 | **Deficiency Ratio:** 12.1%
Const. Date: 1973 | **Replacement Cost:** $52,360,244

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$22,668***	***$1,111,379***	
993	Exterior Steps/Retaining Walls (B)	07-16-2008	02-07-2017	2	10%	$1.03	$22,668		South load dock needs touch up. Pads are worn out. Steps need safety tread.
System: Envelope (2)						***Totals:***	***$276,194***	***$4,353,084***	
55	Exterior Walls (A)	07-16-2008	02-07-2017	2	10%	$5.32	$117,080		Clean and seal exterior aggregate and caulk PC panels.
56	Exterior Windows (B)	07-16-2008	02-07-2017	5	10%	$7.23	$159,114		CHANGE OUT SINGLE PANE WINDOWS AND REPLACE WITH low E PAINE .Subframe needs paint
System: Floor System (3)						***Totals:***	***$62,171***	***$5,336,819***	
57	Stair Treads/Risers (B)	07-16-2008	04-28-2005	2	5%	$5.65	$62,171		Patch treads.
System: Roof System (4)						***Totals:***	***$1,117,982***	***$1,564,733***	
995	Covering (B)	07-16-2008	02-07-2017	2	100%	$3.30	$726,248		Ballasted roof is at end of usefull life. Membrane has stretched and cracked at walls. Difficult to track down and repair leaks.
996	Insulation (C)	07-16-2008	02-07-2017	2	100%	$1.78	$391,734		Roof has been comprimised for years, insulation needs replaced.
System: Finishes (5)						***Totals:***	***$807,675***	***10,413,949***	
61	Floor Finishes (D)	07-16-2008	02-07-2017	2	35%	$6.56	$505,292		Replace worn carpeting between stacks
998	Wall Finishes (E)	07-16-2008	02-07-2017	2	20%	$6.87	$302,383		Many interior walls need to be painted.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.93 | **Last Audit Date:** 8/31/2020

Building: Mansfield Library | **Gross Area:** 220,075 Sq Ft | **Report Renewal Cost:** $6,311,862

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $237.91 | **Deficiency Ratio:** 12.1%

Const. Date: 1973 | **Replacement Cost:** $52,360,244

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$1,858,533***	***$7,431,933***	
1741	Heating (A)	08-31-2020	08-31-2020	2	20%	$16.89	$743,413		Air handlers are original equipment.
301	Ventilating (B)	07-16-2008	04-28-2005	2	30%	$5.07	$334,734		Replace failed humidification system. Additional ductwork for remodel work
1634	Cooling (C)	02-07-2017	02-07-2017	2	30%	$11.82	$780,386		Cooling tower needs to be replaced. Server room DX unit is worn out.
System: Plumbing System (8)						***Totals:***	***$392,174***	***$7,843,473***	
1635	Fixtures (A)	02-07-2017	02-07-2017	2	5%	$8.62	$94,852		Sinks and lavs are ageing.
1636	Supply Piping (B)	02-07-2017	02-07-2017	2	5%	$18.27	$201,039		All galvanized, showing signs of age.
1637	Waste Piping (C)	02-07-2017	02-07-2017	2	5%	$8.75	$96,283		Galvanized and Cast is almost 50 years old.
System: Conveying (10)						***Totals:***	***$23,988***	***$1,199,409***	
1000	Elevator/Lift (A)	07-16-2008	07-16-2008	2	2%	$5.45	$23,988		wall panels need repair work
System: Safety System (11)						***Totals:***	***$1,750,477***	***$2,836,767***	
1001	Extinguishing System (B)	07-16-2008	07-16-2008	1	100%	$5.20	$1,144,390		replace all smoke dedectors
1002	Exit/Emergency Lighting/Alarms (C	07-16-2008	07-16-2008	1	60%	$4.59	$606,087		No directions, no phones

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.16 | **Last Audit Date:** 8/28/2020

Building: Mathematics | **Gross Area:** 21,668 Sq Ft | **Report Renewal Cost:** $2,221,512

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $280.67 | **Deficiency Ratio:** 36.5%

Const. Date: 1903 | **Replacement Cost:** $6,081,774

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$103,833***	***$164,243***	
338	Footings/Foundation Walls (A)	04-28-2005	11-22-2017	2	70%	$5.01	$75,990		Repair & waterproof South, East and North foundations on original structure.
960	Exterior Steps/Retaining Walls (B)	04-18-2007	08-28-2020	2	50%	$2.57	$27,843		Tuck pointing is needed in several spots. Ramp walls are cracking.
System: Envelope (2)						***Totals:***	***$248,218***	***$529,999***	
339	Exterior Walls (A)	04-28-2005	11-22-2017	2	75%	$6.63	$107,744		Tuckpoint, waterproof & clean. Soft brick walls are degrading rapidly. Vertical cracks present through bricks.
340	Exterior Windows (B)	04-28-2005	11-22-2017	2	80%	$7.66	$132,782		Replace all windows. Origional wood casement windows need urgent replacement. Glass is also single pane. Orig. bldg only.
1658	Exterior Doors/Hatches (C)	11-22-2017	11-22-2017	2	25%	$1.42	$7,692		Original wood doors at North entrance need to be refurbished or replaced.
System: Floor System (3)						***Totals:***	***$131,049***	***$655,240***	
1659	Floor Structure (A)	11-22-2017	08-28-2020	2	20%	$23.20	$100,540		Floor structure sags in places.
1660	Stair Treads/Risers (B)	11-22-2017	08-28-2020	2	20%	$7.04	$30,509		Wood interior steps, covered with worn carpet are old and show signs of heavy use.
System: Roof System (4)						***Totals:***	***$136,162***	***$205,413***	
961	Covering (B)	04-18-2007	08-28-2020	2	100%	$4.73	$102,490		Wood shingles need replacing and gutters and downspouts are leaking on brick. All of orig. bldg needs new roof.
1661	Insulation (C)	11-22-2017	11-22-2017	2	70%	$2.22	$33,672		Insulation in attic of original building is vermiculite covered with a thin layer of celulose. Needs to be removed and replaced.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.16 | **Last Audit Date:** 8/28/2020

Building: Mathematics | **Gross Area:** 21,668 Sq Ft | **Report Renewal Cost:** $2,221,512

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $280.67 | **Deficiency Ratio:** 36.5%

Const. Date: 1903 | **Replacement Cost:** $6,081,774

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$581,590***	***$1,381,118***	
1565	Interior Wall Systems (A)	05-22-2012	09-09-2015	2	20%	$17.80	$77,138		Plaster is cracked and pulled away from lathe.
343	Ceilings (B)	04-28-2005	11-22-2017	2	50%	$15.74	$170,527		Replace cracked and loose plaster ceilings.
344	Interior Doors/Hardware/Windows (	04-28-2005	11-22-2017	2	45%	$11.78	$114,862		Replace worn hinges. Replace hallway doors & transoms for fire rating.
346	Floor Finishes (D)	04-28-2005	11-22-2017	2	60%	$9.00	$117,007		Replace flooring and carpet-worn out. Most all of orig. building. Some in new addition is showing wear.
347	Wall Finishes (E)	04-28-2005	11-22-2017	2	50%	$9.42	$102,056		Many areas need paint touch up. Some areas painted since last inspection.
System: Specialties (6)						***Totals:***	***$92,414***	***$353,188***	
348	Toilet Partitions (A)	04-28-2005	11-22-2017	2	70%	$1.98	$30,032		Replace all partitions. Percentage lowered due to addition.
963	Signage/Directories (B)	04-18-2007	11-22-2017	3	50%	$0.85	$9,209		Door signs need braille upgrade.
1567	Chalk/Tack/Whiteboards/Cabinets (	05-22-2012	11-22-2017	2	20%	$12.27	$53,173		Change out chalk boards in offices with LCS boards.
System: HVAC System (7)						***Totals:***	***$154,060***	***$627,505***	
349	Heating (A)	04-28-2005	08-28-2020	2	50%	$12.64	$136,942		Original building needs new steam controls, traps and pneumatics.
1668	Ventilating (B)	11-27-2017	11-27-2017	2	50%	$1.58	$17,118		Only ventilation in the building is bathroom exhaust fans and old building fans need to be replaced.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.16 | **Last Audit Date:** 8/28/2020

Building: Mathematics | **Gross Area:** 21,668 Sq Ft | **Report Renewal Cost:** $2,221,512

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $280.67 | **Deficiency Ratio:** 36.5%

Const. Date: 1903 | **Replacement Cost:** $6,081,774

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$544,517***	***$841,152***	
352	Fixtures (A)	04-28-2005	11-22-2017	2	70%	$8.49	$128,773		Replace old fixtures, faucets and tank toilets. % dropped due to bldg addition.
353	Supply Piping (B)	04-28-2005	11-22-2017	2	60%	$20.51	$266,646		Replace old worn out piping. Percentage dropped due to bldg. addition.
354	Waste Piping (C)	04-28-2005	11-22-2017	2	70%	$9.83	$149,098		Replace worn out piping . Percentage dropped due to bldg. addition.
System: Electrical System (9)						***Totals:***	***$153,799***	***$813,200***	
1571	Distribution (C)	05-22-2012	11-22-2017	2	60%	$11.83	$153,799		Old panels and transformer need replaced.
System: Conveying (10)						***Totals:***	***$32,415***	***$162,077***	
1670	Elevator/Lift (A)	08-28-2020	08-28-2020	2	20%	$7.48	$32,415		Hydraulic elevator is 15 years old.
System: Safety System (11)						***Totals:***	***$43,455***	***$348,421***	
1573	Exit/Emergency Lighting/Alarms (C	05-22-2012	11-22-2017	2	35%	$5.73	$43,455		Replace all exit signs in original building.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 8/28/2020

Building: McGill Hall | **Gross Area:** 67,079 Sq Ft | **Report Renewal Cost:** $4,437,743

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $289.35 | **Deficiency Ratio:** 22.9%

Const. Date: 1953 | **Replacement Cost:** $19,409,979

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$53,798***	***$537,974***	
1005	Footings/Foundation Walls (A)	07-26-2016	06-04-2008	2	10%	$6.93	$46,486		cracks starting to appear, especially on west side
1006	Exterior Steps/Retaining Walls (B)	06-04-2008	07-26-2016	2	10%	$1.09	$7,312		cracks in steps, mortar work ended at joints.
System: Envelope (2)						***Totals:***	***$478,642***	***$1,919,130***	
1616	Exterior Walls (A)	07-26-2016	07-26-2016	2	5%	$10.35	$34,713		Exterior brick needs tuck point and seal.
97	Exterior Windows (B)	07-26-2016	07-26-2016	2	30%	$4.32	$86,934		Single pane windows, glazing is cracking and falling out.(Glazing is hot)
1007	Exterior Windows (B)	06-04-2008	06-04-2008	4	70%	$4.32	$202,847		single pane and separating from frame.
124	Exterior Doors/Hatches (C)	07-26-2016	08-28-2020	2	60%	$3.83	$154,148		Doors on South and west are original and still need to be replaced
System: Floor System (3)						***Totals:***	***$36,256***	***$1,124,244***	
1009	Floor Structure (A)	07-26-2016	08-28-2020	2	5%	$10.81	$36,256		West entrance.
System: Roof System (4)						***Totals:***	***$172,057***	***$914,287***	
99	Covering (B)	07-26-2016	08-28-2020	2	25%	$6.67	$111,854		Replace EPDM roof on old Gym portion of building with single ply membrane.
1618	Insulation (C)	07-26-2016	08-28-2020	2	25%	$3.59	$60,203		Replace old Gym portion when resurfacing.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 8/28/2020

Building: McGill Hall | **Gross Area:** 67,079 Sq Ft | **Report Renewal Cost:** $4,437,743

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $289.35 | **Deficiency Ratio:** 22.9%

Const. Date: 1953 | **Replacement Cost:** $19,409,979

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$543,340***	***$3,832,223***	
100	Interior Wall Systems (A)	07-26-2016	07-26-2016	2	15%	$21.44	$215,726		Repair cracks in the walls.
101	Ceilings (B)	07-26-2016	08-28-2020	2	10%	$12.09	$81,099		Replace worn out ceiling tiles.
102	Interior Doors/Hardware/Windows (	06-04-2008	08-28-2020	3	10%	$2.67	$17,910		Basement doors to daycare need to be replaced.
1620	Interior Doors/Hardware/Windows (	08-09-2016	08-09-2016	2	10%	$2.67	$17,910		Hardware is nearing end of useful life.
103	Floor Finishes (D)	08-09-2016	08-28-2020	2	15%	$10.30	$103,637		Replace worn-out old tile, wood & dance floors
104	Wall Finishes (E)	06-04-2008	08-28-2020	2	15%	$10.64	$107,058		Basement is substantially redone.
System: Specialties (6)						***Totals:***	***$133,252***	***$1,466,347***	
105	Toilet Partitions (A)	04-28-2005	08-28-2020	3	15%	$2.12	$21,331		Replace old partitions with new ones--also bring to ADA standards.
1690	Fixed Seating/Risers (C)	08-28-2020	08-28-2020	2	100%	$1.15	$77,141		Classroom on second floor is in poor condition.
108	Chalk/Tack/Whiteboards/Cabinets (	04-28-2005	08-01-2016	3	5%	$10.37	$34,780		Replace chalkboards with white boards.
System: HVAC System (7)						***Totals:***	***$940,850***	***$2,618,093***	
109	Heating (A)	06-04-2008	08-28-2020	2	40%	$17.80	$477,602		Replace UV units & 3 AHVs. System is original, obselete. East wing of basement is failing, etc.
1011	Ventilating (B)	06-04-2008	08-01-2016	2	30%	$15.90	$319,967		Sections of building have little or no air circulation
1012	Cooling (C)	06-04-2008	08-28-2020	2	40%	$5.34	$143,281		Half of 2nd floor and now with HHP lab addtion there are more sections that have no cooling

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 8/28/2020

Building: McGill Hall | **Gross Area:** 67,079 Sq Ft | **Report Renewal Cost:** $4,437,743

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $289.35 | **Deficiency Ratio:** 22.9%

Const. Date: 1953 | **Replacement Cost:** $19,409,979

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$1,541,475***	***$4,299,764***	
111	Fixtures (A)	06-04-2008	08-01-2016	2	20%	$13.30	$178,430		Replace faulty/leaking showers.
112	Supply Piping (B)	06-04-2008	08-01-2016	2	40%	$34.95	$937,764		Replace metal recirculating piping with PVC piping on old supply lines. Galv. Is leaking.
113	Waste Piping (C)	06-04-2008	08-01-2016	2	40%	$15.85	$425,281		Solve problems of back-up, plugging up waste pipes.
System: Electrical System (9)						***Totals:***	***$427,997***	***$1,605,871***	
114	Building Service (A)	04-28-2005	08-01-2016	2	10%	$2.79	$18,715		Replace old meter with new.
115	Lighting (B)	06-04-2008	08-01-2016	5	5%	$7.79	$26,127		Building has received a lighting upgrade with T5's etc.
116	Distribution (C)	06-04-2008	08-28-2020	2	60%	$9.52	$383,155		Replace old panels, receptacles and switches.
System: Safety System (11)						***Totals:***	***$110,076***	***$706,342***	
118	Egress (A)	06-04-2008	04-28-2005	3	30%	$3.26	$65,603		still a few existing corridor walls need to be 1hr rated and stairs need to be in 2hr enclosures.
1014	Exit/Emergency Lighting/Alarms (C	06-04-2008	08-28-2020	1	30%	$2.21	$44,473		Needs a new fire alarm.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 10/15/2021

Building: Motor Vehicle Shop | **Gross Area:** 3,973 Sq Ft | **Report Renewal Cost:** $275,435

Building Type/ Age Class: Warehouse/Storage Facilities (8B) | **Cost/Sq Ft:** $170.18 | **Deficiency Ratio:** 40.7%

Const. Date: 1963 | **Replacement Cost:** $676,165

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$3,695***	***$43,266***	
2318	Footings/Foundation Walls (A)	10-15-2021	10-15-2021	2	10%	$9.30	$3,695		Normal wear and tear
System: Envelope (2)						***Totals:***	***$69,798***	***$143,147***	
2319	Exterior Walls (A)	10-15-2021	10-15-2021	2	80%	$18.75	$59,595		Metal - Normal wear and tear based on lifespan
2320	Exterior Windows (B)	10-15-2021	10-15-2021	2	80%	$0.28	$890		Normal wear and tear based on lifespan
2321	Exterior Doors/Hatches (C)	10-15-2021	10-15-2021	2	80%	$2.93	$9,313		Normal wear and tear based on lifespan - 3 garage doors and 2 man doors
System: Floor System (3)						***Totals:***	***$8,081***	***$90,425***	
2322	Floor Structure (A)	10-15-2021	10-15-2021	2	10%	$20.34	$8,081		Normal wear and tear based on lifespan
System: Roof System (4)						***Totals:***	***$66,866***	***$78,665***	
2323	Structure (A)	10-15-2021	10-15-2021	2	85%	$4.69	$15,838		Normal wear and tear based on lifespan
2324	Covering (B)	10-15-2021	10-15-2021	2	85%	$9.82	$33,163		Normal wear and tear based on lifespan - Metal
2325	Insulation (C)	10-15-2021	10-15-2021	2	85%	$5.29	$17,865		Normal wear and tear based on lifespan
System: Finishes (5)						***Totals:***	***$10,201***	***$39,293***	
2326	Interior Wall Systems (A)	10-15-2021	10-15-2021	2	85%	$1.75	$5,910		Normal wear and tear based on lifespan - Wooden interior walls
2327	Interior Doors/Hardware/Windows (	10-15-2021	10-15-2021	2	90%	$0.61	$2,181		Normal wear and tear based on lifespan
2328	Wall Finishes (E)	10-15-2021	10-15-2021	2	90%	$0.59	$2,110		Normal wear and tear based on lifespan

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 10/15/2021

Building: Motor Vehicle Shop | **Gross Area:** 3,973 Sq Ft | **Report Renewal Cost:** $275,435

Building Type/ Age Class: Warehouse/Storage Facilities (8B) | **Cost/Sq Ft:** $170.18 | **Deficiency Ratio:** 40.7%

Const. Date: 1963 | **Replacement Cost:** $676,165

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$33,672***	***$59,635***	
2329	Heating (A)	10-15-2021	10-15-2021	2	95%	$7.50	$28,308		Wear and tear based on lifespan - Hanging gas fired furnace
2330	Cooling (C)	10-15-2021	10-15-2021	2	90%	$1.50	$5,364		Wear and tear based on lifespan - Window unit for office; Condenser blows into mechanical area
System: Plumbing System (8)						***Totals:***	***$32,716***	***$40,326***	
2331	Fixtures (A)	10-15-2021	10-15-2021	2	80%	$1.50	$4,768		Wear and tear based on lifespan - Original fixtures
2332	Supply Piping (B)	10-15-2021	10-15-2021	2	85%	$2.29	$7,733		Wear and tear based on lifespan - Old galvanized pipe
2333	Waste Piping (C)	10-15-2021	10-15-2021	2	80%	$6.36	$20,215		Wear and tear based on lifespan
System: Electrical System (9)						***Totals:***	***$50,406***	***$60,986***	
2334	Building Service (A)	10-15-2021	10-15-2021	2	10%	$1.41	$560		Based on 50 year lifespan - Was upgraded in 2016 to xformer
2335	Lighting (B)	10-15-2021	10-15-2021	2	90%	$6.27	$22,420		T8 lighting needs to be replaced
2336	Distribution (C)	10-15-2021	10-15-2021	2	90%	$7.67	$27,426		Based on 50 year lifespan

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 8/28/2020

Building: Music | **Gross Area:** 37,180 Sq Ft | **Report Renewal Cost:** $2,402,776

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 24.7%

Const. Date: 1953 | **Replacement Cost:** $9,715,878

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$35,693***	***$262,491***	
694	Exterior Steps/Retaining Walls (B)	05-11-2006	09-11-2015	2	40%	$2.40	$35,693		Repair, regrout steps at main entrance(SW) and at N entrance. Block, slate rock work on W end-
System: Envelope (2)						***Totals:***	***$314,542***	***$846,960***	
695	Exterior Windows (B)	05-11-2006	09-11-2015	5	100%	$7.13	$265,093		Replace all single pane with low E
696	Exterior Doors/Hatches (C)	04-28-2005	09-11-2015	2	100%	$1.33	$49,449		Doors are a continual problem needing frequent repair, parts are difficult to find.
System: Roof System (4)						***Totals:***	***$253,345***	***$328,299***	
698	Structure (A)	04-28-2005	09-11-2015	2	15%	$2.36	$13,162		East entrance patio roof concrete is cracked and leaking. Covering needs to be removed and structure
699	Covering (B)	04-28-2005	09-11-2015	2	100%	$4.40	$163,592		Install new single membrane roof covering.
700	Insulation (C)	04-28-2005	09-11-2015	2	100%	$2.06	$76,591		Add insulation before application of new roof covering.
System: Finishes (5)						***Totals:***	***$150,114***	***$2,206,633***	
701	Ceilings (B)	05-11-2006	09-11-2015	2	10%	$14.65	$54,469		Replace ceiling tile in basement.
704	Floor Finishes (D)	05-11-2006	08-28-2020	2	15%	$8.38	$46,735		Capeting needs replacing
705	Wall Finishes (E)	05-11-2006	08-28-2020	2	15%	$8.77	$48,910		Walls and stairwells need paint throughout building.
System: Specialties (6)						***Totals:***	***$45,936***	***$564,392***	
863	Toilet Partitions (A)	05-11-2006	09-11-2015	2	5%	$1.85	$3,439		Repaint metal partitions.
706	Chalk/Tack/Whiteboards/Cabinets (	04-28-2005	08-28-2020	2	10%	$11.43	$42,497		Replace all chalkboards and replace with LCS boards.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 8/28/2020

Building: Music | **Gross Area:** 37,180 Sq Ft | **Report Renewal Cost:** $2,402,776

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 24.7%

Const. Date: 1953 | **Replacement Cost:** $9,715,878

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$455,790***	***$1,002,745***	
707	Heating (A)	05-11-2006	08-28-2020	2	50%	$11.77	$218,804		Air handlers need replacement, piping is corroded, pipe insulation is bad, steam heating coils need Old units were kept with new system controls.
708	Ventilating (B)	05-11-2006	09-11-2015	2	60%	$1.47	$32,793		Most of ventiliation system has been disabled and needs replacement. Controls need to be replaced.
867	Cooling (C)	05-11-2006	08-28-2020	2	40%	$13.73	$204,193		Whole building cooling system needs new controls.
System: Plumbing System (8)						***Totals:***	***$335,921***	***$1,343,685***	
709	Fixtures (A)	05-11-2006	08-28-2020	2	25%	$7.90	$73,430		Need replacement.
869	Supply Piping (B)	05-11-2006	08-28-2020	2	25%	$19.09	$177,442		Galvanized piping needs to be replaced.
870	Waste Piping (C)	05-11-2006	08-28-2020	2	25%	$9.15	$85,049		Piping starting to deteriorate and needs to be replaced.
System: Electrical System (9)						***Totals:***	***$493,100***	***$1,299,069***	
711	Lighting (B)	05-11-2006	10-01-2015	5	25%	$9.01	$83,748		New T8 lamps with electronic ballasts.
712	Distribution (C)	04-28-2005	10-01-2015	2	100%	$11.01	$409,352		Distribution panels, switches & recepticles all need to be replaced.
System: Conveying (10)						***Totals:***	***$258,773***	***$258,773***	
1105	Elevator/Lift (A)	12-29-2009	08-28-2020	2	100%	$6.96	$258,773		Service elevator at end of useful life needs to be replaced with ADA compliant unit.
System: Safety System (11)						***Totals:***	***$59,562***	***$556,585***	
716	Exit/Emergency Lighting/Alarms (C	05-11-2006	08-28-2020	3	30%	$5.34	$59,562		Upgrade fire alarm system

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.16 | **Last Audit Date:** 10/15/2021

Building: Native American Center, Payne | **Gross Area:** 29,259 Sq Ft | **Report Renewal Cost:** $777,305

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $301.17 | **Deficiency Ratio:** 8.8%

Const. Date: 2010 | **Replacement Cost:** $8,811,933

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$1,843***	***$184,039***	
1800	Footings/Foundation Walls (A)	09-28-2021	09-28-2021	2	1%	$5.01	$1,466		No deficiencies
1801	Exterior Steps/Retaining Walls (B)	09-28-2021	09-28-2021	2	1%	$1.29	$377		No deficiencies
System: Envelope (2)						***Totals:***	***$12,889***	***$722,112***	
1803	Exterior Walls (A)	09-28-2021	09-28-2021	2	1%	$6.63	$1,940		No deficiencies
1804	Exterior Windows (B)	09-28-2021	09-28-2021	2	1%	$9.02	$2,639		No deficiencies
1805	Exterior Doors/Hatches (C)	09-28-2021	09-28-2021	2	20%	$1.42	$8,310		Exterior doors are 11 years old and halve a life expectancy of 50 years.
System: Floor System (3)						***Totals:***	***$35,017***	***$884,792***	
2559	Stair Treads/Risers (B)	10-15-2021	10-15-2021	2	17%	$7.04	$35,017		Atrium wood stairs need maintenance
System: Roof System (4)						***Totals:***	***$66,622***	***$259,235***	
2561	Covering (B)	10-15-2021	10-15-2021	2	50%	$4.11	$60,127		TPO membrane has 20 year lifespan
2562	Insulation (C)	10-15-2021	10-15-2021	2	10%	$2.22	$6,495		Normal wear and tear due to age
System: Finishes (5)						***Totals:***	***$177,956***	***$1,726,866***	
2553	Interior Wall Systems (A)	10-15-2021	10-15-2021	2	10%	$16.18	$47,341		Chairs are being pushed into drywall - Ants damaged interior of lounge
2554	Floor Finishes (D)	10-15-2021	10-15-2021	2	20%	$8.18	$47,868		Stained concrete is scratched - Needs resealed
2555	Wall Finishes (E)	10-15-2021	10-15-2021	2	33%	$8.57	$82,747		Paint in public areas needs redone

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: UM Missoula Main Campus
Building: Native American Center, Payne
Building Type/ Age Class: General Classroom/Office (3C)
Const. Date: 2010

Area Correction: 1.16
Gross Area: 29,259 Sq Ft
Cost/Sq Ft: $301.17
Replacement Cost: $8,811,933

Last Audit Date: 10/15/2021
Report Renewal Cost: $777,305
Deficiency Ratio: 8.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$19,732***	***$500,329***	
1810	Toilet Partitions (A)	09-28-2021	09-28-2021	2	20%	$2.65	$15,507		11 years old ; life expectancy is 50 years
1811	Signage/Directories (B)	09-28-2021	09-28-2021	2	1%	$0.85	$249		No deficiencies
1812	Fixed Seating/Risers (C)	09-28-2021	09-28-2021	2	1%	$1.32	$386		N/A
1813	Chalk/Tack/Whiteboards/Cabinets (	09-28-2021	09-28-2021	2	1%	$12.27	$3,590		No deficiencies
System: HVAC System (7)						***Totals:***	***$406,689***	***$1,232,682***	
1806	Heating (A)	09-28-2021	09-28-2021	2	33%	$21.06	$203,344		11 years old ; life expectancy is 30 years
1807	Ventilating (B)	09-28-2021	09-28-2021	2	33%	$6.32	$61,023		11 years old ; life expectancy is 30 years
1808	Cooling (C)	09-28-2021	09-28-2021	2	33%	$14.74	$142,322		11 years old ; life expectancy is 30 years
System: Conveying (10)						***Totals:***	***$39,792***	***$198,961***	
2557	Elevator/Lift (A)	10-15-2021	10-15-2021	2	20%	$6.80	$39,792		Based on 50 year lifespan
System: Safety System (11)						***Totals:***	***$16,765***	***$470,485***	
1809	Exit/Emergency Lighting/Alarms (C	09-28-2021	09-28-2021	2	10%	$5.73	$16,765		Generator is 10 years old.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.16 | **Last Audit Date:** 8/28/2020

Building: Natural Sciences | **Gross Area:** 23,100 Sq Ft | **Report Renewal Cost:** $2,563,131

Building Type/ Age Class: Teaching/Research Labs (4A) | **Cost/Sq Ft:** $314.86 | **Deficiency Ratio:** 35.2%

Const. Date: 1919 | **Replacement Cost:** $7,273,497

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$12,439***	***$248,787***	
1582	Footings/Foundation Walls (A)	09-09-2015	09-09-2015	2	5%	$8.20	$9,471		Some cracking apparent.
393	Exterior Steps/Retaining Walls (B)	04-28-2005	09-09-2015	2	5%	$2.57	$2,968		STEPS NEED REPAIR, GROUT WEST ENTRANCE. Pointing SW end.
System: Envelope (2)						***Totals:***	***$75,757***	***$805,959***	
394	Exterior Walls (A)	04-28-2005	09-09-2015	2	25%	$12.25	$70,744		TUCKPOINT, CLEAN & SEAL ENTIRE BRICK FACADE. TUCKPOINT/MORTAR JOINTS AT GRANITE BASE. REPAIR CRACKS
1584	Exterior Windows (B)	09-09-2015	09-09-2015	2	5%	$4.34	$5,013		Windows are over 15 years old. Some wear.
System: Roof System (4)						***Totals:***	***$224,024***	***$400,092***	
1416	Covering (B)	04-14-2011	08-28-2020	2	60%	$9.08	$125,849		Roof is 10 years old. Gutters and downspouts are causing interior damage. Asphalt shingle not suited for commercial building
396	Insulation (C)	04-28-2005	10-11-2006	5	100%	$4.25	$98,175		ADDITIONAL INSULATION IN ATTIC IS NEEDED TO BRING UP TO R36 BLOWN IN.
System: Finishes (5)						***Totals:***	***$455,949***	***$1,711,017***	
397	Interior Wall Systems (A)	06-14-2011	09-09-2015	2	30%	$27.92	$193,486		SOME CRACKS TO INTERIOR PLASTER NEED REPAIR.
1418	Ceilings (B)	06-14-2011	09-09-2015	2	5%	$15.74	$18,180		Ceiling tiles missing or damaged throughout building.
1419	Interior Doors/Hardware/Windows (	06-14-2011	09-09-2015	2	15%	$3.15	$10,915		Hardware is wearing out.
398	Floor Finishes (D)	04-28-2005	06-14-2011	2	65%	$13.41	$201,351		REPLACE OLD TILE VCT FLOORS WHERE DAMAGED. REPLACE WORN OUT CARPET IN AUDITORIUM.
1420	Wall Finishes (E)	06-14-2011	08-28-2020	2	10%	$13.86	$32,017		Interior paint has been updated throughout.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.16 | **Last Audit Date:** 8/28/2020

Building: Natural Sciences | **Gross Area:** 23,100 Sq Ft | **Report Renewal Cost:** $2,563,131

Building Type/ Age Class: Teaching/Research Labs (4A) | **Cost/Sq Ft:** $314.86 | **Deficiency Ratio:** 35.2%

Const. Date: 1919 | **Replacement Cost:** $7,273,497

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$79,730***	***$513,975***	
1421	Toilet Partitions (A)	06-14-2011	09-09-2015	2	10%	$1.98	$4,574		Old and wearing out.
400	Fixed Seating/Risers (C)	04-28-2005	09-09-2015	2	65%	$1.23	$18,468		Large classroom fixed seating is wearing out. No parts.
401	Chalk/Tack/Whiteboards/Cabinets (	04-28-2005	09-09-2015	2	10%	$12.27	$28,344		REPLACE GREEN CHALK BOARD IN 307 AND BLACK CHALK BOARD IN 102.
1423	Chalk/Tack/Whiteboards/Cabinets (	06-14-2011	06-14-2011	2	10%	$12.27	$28,344		Worn/old chalk boards in large classroom need to be replaced with LCS boards.
System: HVAC System (7)						***Totals:***	***$254,562***	***$546,546***	
1425	Heating (A)	06-14-2011	09-09-2015	1	50%	$12.64	$145,992		Access to roof units is a safety hazard. Steam and condesate are under floor around edge of building and unsafe to maintain.
403	Ventilating (B)	04-28-2005	09-09-2015	2	100%	$4.70	$108,570		BUILDINGS RETURN AIR SYSTEM WAS REMOVED AND NEVER REPLACED. RADIANT HEAT SYSTEM IS FUNCTIONAL BUT IN
System: Plumbing System (8)						***Totals:***	***$1,179,151***	***$1,537,305***	
405	Fixtures (A)	04-28-2005	10-01-2015	2	50%	$12.43	$143,566		MOST OF THE FIXTURES IN THE BUILDING ARE ORIGIONAL AND DIFFICULT TO FIND PARTS FOR.
406	Supply Piping (B)	04-28-2005	10-01-2015	2	100%	$37.23	$860,013		ENTIRE PLUMBING SYSTEM HAS EXEEDED LIFE EXPECTANCY. THERE IS A CROSS CONNECTION SOMEWHERE. D.I. SYSTEM FAILING.
407	Waste Piping (C)	04-28-2005	10-01-2015	2	45%	$16.89	$175,572		WASTE SYSTEM IS CAST IRON AND NEEDS REPLACEMENT.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: UM Missoula Main Campus
Building: Natural Sciences
Building Type/ Age Class: Teaching/Research Labs (4A)
Const. Date: 1919

Area Correction: 1.16
Gross Area: 23,100 Sq Ft
Cost/Sq Ft: $314.86
Replacement Cost: $7,273,497

Last Audit Date: 8/28/2020
Report Renewal Cost: $2,563,131
Deficiency Ratio: 35.2%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$220,997***	***$590,436***	
408	Building Service (A)	04-28-2005	08-28-2020	2	50%	$3.30	$38,115		Replace main switch and transformer.
409	Lighting (B)	04-28-2005	10-01-2015	5	5%	$8.19	$9,459		MOST OF BUILDING HAS NOW BEEN UPGRADED.
410	Distribution (C)	04-28-2005	10-01-2015	2	75%	$10.01	$173,423		SYSTEM REQUIRES ALL NEW SECONDARY PANELS, SWITCHES AND OUTLETS. MOST OF THE WIRING IN THE BUILDING
System: Safety System (11)						***Totals:***	***$60,522***	***$287,826***	
413	Exit/Emergency Lighting/Alarms (C	04-28-2005	10-11-2006	3	100%	$2.62	$60,522		REPLACE EXISTING REAIOACTIVE EXIT SIGNS W/ BATTERY BACK-UP UNITS. PROVIDE HALLWAY EXIT LIGHTS.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus
Building: Natural Sciences Annex
Building Type/ Age Class: Teaching/Research Labs (4A)
Const. Date: 1938

Area Correction: 1.44
Gross Area: 4,890 Sq Ft
Cost/Sq Ft: $390.86
Replacement Cost: $1,911,354

Last Audit Date: 8/28/2020
Report Renewal Cost: $339,439
Deficiency Ratio: 17.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$61,496***	***$211,835***	
284	Exterior Walls (A)	04-28-2005	09-11-2015	2	50%	$15.21	$37,188		TUCKPOINT AND SEAL EXTERIOR BRICK WALLS.
285	Exterior Windows (B)	04-28-2005	09-11-2015	2	40%	$5.39	$10,543		REPLACE OLD SINGLE PANE WOOD WINDOWS. HALF OF BLDG CONSISTS OF NEW GREEN HOUSE. LOWERS PERCENTAGE.
286	Exterior Doors/Hatches (C)	04-28-2005	09-11-2015	2	50%	$5.63	$13,765		REPLACE OLD EXTERIOR DOOR AT NW ENTRANCE NEAR GREENHOUSE.
System: Roof System (4)						***Totals:***	***$2,756***	***$105,135***	
1429	Covering (B)	06-14-2011	09-11-2015	2	5%	$11.27	$2,756		GUTTERS/DOWNSPOUTS NEED SOME WORK. ACTUAL ROOF IS COPPER AND INSTALLED APPROX. 15 YEARS AGO.
System: Finishes (5)						***Totals:***	***$47,587***	***$449,684***	
1431	Interior Wall Systems (A)	06-14-2011	09-11-2015	2	15%	$34.65	$25,416		PLASTER IS CRUMBLING/CRACKING IN PLACES.
1432	Ceilings (B)	06-14-2011	09-11-2015	2	10%	$19.54	$9,555		CEILING TILES MISSING, PLASTER IS CRACKING.
289	Wall Finishes (E)	04-28-2005	08-28-2020	2	15%	$17.20	$12,616		Renovations have addressed some of the interior paint issues.
System: Specialties (6)						***Totals:***	***$5,731***	***$135,062***	
1433	Signage/Directories (B)	06-14-2011	09-11-2015	2	50%	$1.06	$2,592		ROOM SIGNS ARE OLD OR MISSING OR INCORRECT
291	Fume Hoods (E)	04-28-2005	10-11-2006	2	20%	$3.21	$3,139		Safety issues should have been addressed.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus
Building: Natural Sciences Annex
Building Type/ Age Class: Teaching/Research Labs (4A)
Const. Date: 1938

Area Correction: 1.44
Gross Area: 4,890 Sq Ft
Cost/Sq Ft: $390.86
Replacement Cost: $1,911,354

Last Audit Date: 8/28/2020
Report Renewal Cost: $339,439
Deficiency Ratio: 17.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$197,556***	***$403,963***	
293	Fixtures (A)	04-28-2005	10-01-2015	2	10%	$15.43	$7,545		SOME FIXTURES NEED REPLACEMENT.
294	Supply Piping (B)	04-28-2005	10-01-2015	2	25%	$46.22	$56,504		PLUMBING IS ORIGINAL GALVANIZED OVER 60 YEARS OLD.
1435	Supply Piping (B)	06-14-2011	10-01-2015	2	50%	$46.22	$113,008		D.I. water system in need of repair.
295	Waste Piping (C)	04-28-2005	10-01-2015	2	20%	$20.96	$20,499		SOME WASTE PIPING NEEDS REPLACEMENT.
System: Electrical System (9)						***Totals:***	***$24,313***	***$155,160***	
297	Distribution (C)	04-28-2005	08-28-2020	2	40%	$12.43	$24,313		DISTRIBUTION PANELS ARE IN POOR CONDITION.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 2/7/2017

Building: North Corbin Hall | **Gross Area:** 14,858 Sq Ft | **Report Renewal Cost:** $1,289,116

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $292.77 | **Deficiency Ratio:** 29.6%

Const. Date: 1956 | **Replacement Cost:** $4,350,125

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$39,819***	***$117,527***	
180	Exterior Steps/Retaining Walls (B)	04-28-2005	04-28-2010	2	100%	$2.68	$39,819		Replace steps & walls.
System: Envelope (2)						***Totals:***	***$139,278***	***$379,176***	
181	Exterior Walls (A)	04-28-2005	02-07-2017	2	20%	$6.92	$20,563		Tuckpoint/clear/seal bricks.
182	Exterior Windows (B)	04-28-2005	04-28-2005	2	100%	$7.99	$118,715		Replace all windows.
System: Floor System (3)						***Totals:***	***$63,258***	***$468,770***	
184	Floor Structure (A)	04-28-2005	04-28-2005	2	10%	$24.20	$35,956		Repair ramps between Brantly & N. Corbin.
185	Stair Treads/Risers (B)	04-28-2005	04-28-2005	2	25%	$7.35	$27,302		Replace stair treads.
System: Roof System (4)						***Totals:***	***$14,680***	***$146,946***	
1270	Covering (B)	04-28-2010	02-07-2017	2	20%	$4.94	$14,680		repaired roof is beginning to show signs of wearing out.
System: Finishes (5)						***Totals:***	***$318,451***	***$987,908***	
186	Interior Doors/Hardware/Windows (	04-28-2005	04-28-2005	2	50%	$12.29	$91,302		Replace all interior doors 3'0" and door handles.
187	Floor Finishes (D)	04-28-2005	04-28-2010	2	100%	$9.39	$139,517		Replace all floors.
188	Wall Finishes (E)	04-28-2005	04-28-2010	2	60%	$9.83	$87,632		Replace vinyl in hallway (wall covering),
System: HVAC System (7)						***Totals:***	***$117,497***	***$448,860***	
189	Heating (A)	04-28-2005	02-07-2017	2	60%	$13.18	$117,497		Replace heating system controls. Two T-Stats control entire building.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: UM Missoula Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 2/7/2017

Building: North Corbin Hall | **Gross Area:** 14,858 Sq Ft | **Report Renewal Cost:** $1,289,116

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $292.77 | **Deficiency Ratio:** 29.6%

Const. Date: 1956 | **Replacement Cost:** $4,350,125

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$387,260***	***$601,600***	
1267	Fixtures (A)	04-28-2010	02-07-2017	3	80%	$8.85	$105,195		Worn out and needs replacing. In many rooms, fixtures are removed and lines capped as they fail.
190	Supply Piping (B)	04-28-2005	02-07-2017	2	60%	$21.39	$190,688		Remove old supply piping.
1268	Waste Piping (C)	04-28-2010	02-07-2017	2	60%	$10.25	$91,377		pipes are beginning to wear out.
System: Electrical System (9)						***Totals:***	***$146,678***	***$581,691***	
192	Distribution (C)	04-28-2005	04-28-2010	2	80%	$12.34	$146,678		Install new secondary panels, switchs, outlets.
System: Safety System (11)						***Totals:***	***$62,195***	***$249,317***	
194	Exit/Emergency Lighting/Alarms (C	04-28-2005	04-28-2010	2	50%	$5.98	$44,425		Replace old exit lights.
195	Exit/Emergency Lighting/Alarms (C	04-28-2005	04-28-2005	2	20%	$5.98	$17,770		Replace old exit lights.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 10/15/2021

Building: North Underground Lecture Hall | **Gross Area:** 9,260 Sq Ft | **Report Renewal Cost:** $857,218

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $373.87 | **Deficiency Ratio:** 24.8%

Const. Date: 1999 | **Replacement Cost:** $3,462,129

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$7,232***	***$72,321***	
2383	Footings/Foundation Walls (A)	10-15-2021	10-15-2021	2	10%	$6.21	$5,750		Wear and tear due to age
2384	Exterior Steps/Retaining Walls (B)	10-15-2021	10-15-2021	2	10%	$1.60	$1,482		Wear and tear due to age
System: Envelope (2)						***Totals:***	***$51,819***	***$283,634***	
2385	Exterior Walls (A)	10-15-2021	10-15-2021	2	5%	$8.24	$3,815		Minor wear and tear due to age
2386	Exterior Windows (B)	10-15-2021	10-15-2021	2	40%	$11.19	$41,448		Wear and tear due to age
2387	Exterior Doors/Hatches (C)	10-15-2021	10-15-2021	2	40%	$1.77	$6,556		Wear and tear due to age
System: Floor System (3)						***Totals:***	***$16,186***	***$347,620***	
2388	Stair Treads/Risers (B)	10-15-2021	10-15-2021	2	20%	$8.74	$16,186		Minor damage and wear
System: Roof System (4)						***Totals:***	***$29,113***	***$101,860***	
2389	Covering (B)	10-15-2021	10-15-2021	2	40%	$5.11	$18,927		Wear and tear due to age - EPDM (membrane IPO roof)
2390	Insulation (C)	10-15-2021	10-15-2021	2	40%	$2.75	$10,186		Wear and tear due to age - EPDM
System: Finishes (5)						***Totals:***	***$13,547***	***$678,388***	
2391	Interior Doors/Hardware/Windows (	10-15-2021	10-15-2021	2	10%	$14.63	$13,547		Two doors were replaced in remodel, other are still original
System: Specialties (6)						***Totals:***	***$7,945***	***$196,497***	
2392	Toilet Partitions (A)	10-15-2021	10-15-2021	2	10%	$3.28	$3,037		Wear and tear due to age
2393	Signage/Directories (B)	10-15-2021	10-15-2021	2	50%	$1.06	$4,908		Needs updating - Small damage and wear

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 10/15/2021

Building: North Underground Lecture Hall | **Gross Area:** 9,260 Sq Ft | **Report Renewal Cost:** $857,218

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $373.87 | **Deficiency Ratio:** 24.8%

Const. Date: 1999 | **Replacement Cost:** $3,462,129

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$242,102***	***$484,298***	
2394	Heating (A)	10-15-2021	10-15-2021	2	50%	$26.15	$121,074		Wear and tear due to age - VFD driven hot water loop to air handlers
2395	Ventilating (B)	10-15-2021	10-15-2021	2	50%	$7.84	$36,299		Wear and tear due to age - Air handlers
2396	Cooling (C)	10-15-2021	10-15-2021	2	50%	$18.30	$84,729		Wear and tear due to age - VFD driven well water pumped to air handlers
System: Plumbing System (8)						***Totals:***	***$252,451***	***$517,449***	
2397	Fixtures (A)	10-15-2021	10-15-2021	2	50%	$14.04	$65,005		Worn out faucets
2398	Supply Piping (B)	10-15-2021	10-15-2021	2	50%	$28.29	$130,983		Copper piping - pin hole leaks
2399	Waste Piping (C)	10-15-2021	10-15-2021	2	45%	$13.55	$56,463		Original drains - has new sewage ejection pumps
System: Electrical System (9)						***Totals:***	***$109,053***	***$516,893***	
2400	Building Service (A)	10-15-2021	10-15-2021	2	42%	$9.68	$37,647		Based on 50 year lifespan
2401	Distribution (C)	10-15-2021	10-15-2021	2	42%	$18.36	$71,406		Based on 50 year lifespan
System: Conveying (10)						***Totals:***	***$39,077***	***$78,154***	
2402	Elevator/Lift (A)	10-15-2021	10-15-2021	2	50%	$8.44	$39,077		Based on age of elevator - Small issues persist
System: Safety System (11)						***Totals:***	***$88,693***	***$184,830***	
2403	Egress (A)	10-15-2021	10-15-2021	1	99%	$4.79	$43,912		Panel has a 20 year lifespan
2404	Extinguishing System (B)	10-15-2021	10-15-2021	1	60%	$8.06	$44,781		Based on 35 year lifespan

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 3/22/2017

Building: Performing Arts/Radio-T.V. | **Gross Area:** 71,125 Sq Ft | **Report Renewal Cost:** $3,841,510

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $254.44 | **Deficiency Ratio:** 21.2%

Const. Date: 1985 | **Replacement Cost:** $18,097,045

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$83,544***	***$378,385***	
834	Footings/Foundation Walls (A)	03-22-2017	03-22-2017	2	2%	$4.23	$6,017		Seam between foundation and sidewalk on east side needs repair
222	Exterior Steps/Retaining Walls (B)	04-25-2005	03-22-2017	2	90%	$1.09	$69,774		All concrete steps are cracking and pose serious safety hazard. Rebar is rusting through.
223	Exterior Steps/Retaining Walls (B)	04-28-2005	03-22-2017	2	10%	$1.09	$7,753		Moisture damage just west of door into KUFM offices. Foundation spalling.
System: Envelope (2)						***Totals:***	***$296,377***	***$1,482,956***	
836	Exterior Walls (A)	04-13-2006	10-13-2010	2	30%	$5.61	$119,703		Bricks need re-sealing and eflorescence needs to be removed where sprinklers have repeatedly sprayed on building and windows.
224	Exterior Windows (B)	04-13-2006	10-14-2010	2	20%	$7.62	$108,394		Argon gas has leaked out. Overhad windows are stained and need to be cleaned or replaced.
839	Exterior Doors/Hatches (C)	04-13-2006	03-22-2017	2	80%	$1.20	$68,280		Doors are failing and need to be replaced.
System: Floor System (3)						***Totals:***	***$8,464***	***$1,817,244***	
840	Stair Treads/Risers (B)	04-13-2006	10-14-2010	1	2%	$5.95	$8,464		None of the stair treads have safety stripes or surfaces.
System: Roof System (4)						***Totals:***	***$380,519***	***$532,726***	
226	Covering (B)	04-13-2006	10-13-2010	2	100%	$3.48	$247,515		Replace damaged/worn out built-up roof with hypalon and new walk pads. All coping needs to be painted.
842	Insulation (C)	04-13-2006	10-13-2010	2	100%	$1.87	$133,004		Insulation will need to be replaced when built-up is removed.

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 3/22/2017

Building: Performing Arts/Radio-T.V. | **Gross Area:** 71,125 Sq Ft | **Report Renewal Cost:** $3,841,510

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $254.44 | **Deficiency Ratio:** 21.2%

Const. Date: 1985 | **Replacement Cost:** $18,097,045

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$700,154***	***$3,546,293***	
843	Interior Wall Systems (A)	04-13-2006	10-13-2010	2	5%	$13.67	$48,614		Several areas need to be repaired and repainted due to condensation damage. The north entryway ceiling is peeling badly.
844	Ceilings (B)	04-13-2006	10-13-2010	2	25%	$12.09	$214,975		Ceiling tiles throughout the building have water stains and need to be replaced.
227	Interior Doors/Hardware/Windows (	04-28-2005	10-14-2010	2	1%	$9.95	$7,077		Install new doors on rest rooms in main lobby area.
846	Floor Finishes (D)	04-13-2006	10-13-2010	2	35%	$6.91	$172,016		Carpet needs to be replaced in offices and work areas and attempt to match some aisles in theatre.
231	Wall Finishes (E)	04-13-2006	10-13-2010	2	50%	$7.24	$257,472		Paint the interior of the building and repair damaged walls. Much of the interior block walls have never been painted.
System: HVAC System (7)						***Totals:***	***$1,886,378***	***$2,531,339***	
233	Heating (A)	04-13-2006	03-22-2017	2	70%	$17.80	$886,218		Approx. 040% of heat pumps have been replaced.
234	Ventilating (B)	04-13-2006	03-22-2017	1	100%	$5.34	$379,808		Fresh air inlet pipe size is insufficient for 70K SF building. This is a health safety issue.
850	Cooling (C)	04-13-2006	03-22-2017	2	70%	$12.46	$620,352		Approx 40% of heat pumps have been replaced and a ground water loop has been added to the system. Continuous maintenance problem.
System: Plumbing System (8)						***Totals:***	***$236,028***	***$2,704,884***	
851	Fixtures (A)	04-21-2006	03-22-2017	2	15%	$9.56	$101,993		showers in locker rooms need to be rebuilt.
237	Supply Piping (B)	04-21-2006	03-22-2017	2	5%	$19.25	$68,458		Replace hot water recirc.
236	Waste Piping (C)	04-13-2006	03-22-2017	2	10%	$9.22	$65,577		Sewage ejectors replaced. Pipe wear.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 3/22/2017

Building: Performing Arts/Radio-T.V. | **Gross Area:** 71,125 Sq Ft | **Report Renewal Cost:** $3,841,510

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $254.44 | **Deficiency Ratio:** 21.2%

Const. Date: 1985 | **Replacement Cost:** $18,097,045

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$181,724***	***$2,702,039***	
239	Lighting (B)	04-13-2006	03-22-2017	2	25%	$10.22	$181,724		Much of the lighting has been replaced.
System: Conveying (10)						***Totals:***	***$4,083***	***$408,258***	
854	Elevator/Lift (A)	04-13-2006	10-14-2010	2	1%	$5.74	$4,083		Doors are rusting on both elevators.
System: Safety System (11)						***Totals:***	***$64,239***	***$966,589***	
855	Extinguishing System (B)	04-13-2006	10-14-2010	1	5%	$5.48	$19,488		need sprinkler system in theatre and fly loft, a cost study is needed to determine possible costs
856	Exit/Emergency Lighting/Alarms (C	04-13-2006	10-14-2010	2	5%	$4.84	$17,212		replace some exit signs
857	Exit/Emergency Lighting/Alarms (C	04-13-2006	10-14-2010	3	5%	$4.84	$17,212		Replace some emergency lights
858	Exit/Emergency Lighting/Alarms (C	04-13-2006	10-14-2010	3	3%	$4.84	$10,327		Install alarm systems

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 8/31/2020

Building: Physical Plant | **Gross Area:** 51,300 Sq Ft | **Report Renewal Cost:** $2,384,491

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $250.70 | **Deficiency Ratio:** 18.5%

Const. Date: 1967 | **Replacement Cost:** $12,861,423

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$415,530***	***$1,069,605***	
1052	Exterior Windows (B)	08-22-2008	08-22-2008	2	100%	$7.62	$390,906		replace all single pane with low E energy efficient. Better seal office windows
66	Exterior Doors/Hatches (C)	04-28-2005	02-07-2017	2	40%	$1.20	$24,624		Many of the overhead doors have been replaced.Front main entry door is in poor condition.
System: Roof System (4)						***Totals:***	***$89,262***	***$384,237***	
1053	Covering (B)	01-09-2017	08-31-2020	2	50%	$3.48	$89,262		Roof has been recoated with spray on coating over existing/failing single ply membrane but still leaks in places.
System: Finishes (5)						***Totals:***	***$105,191***	***$2,557,818***	
67	Interior Wall Systems (A)	04-28-2005	04-28-2005	3	15%	$13.67	$105,191		REPLACE CORRIDORS WITH FIRE-RATED EXIT CORRIDORS & 1 HR RATED AT OFFICES
System: HVAC System (7)						***Totals:***	***$1,260,133***	***$1,825,767***	
70	Heating (A)	04-28-2005	02-07-2017	2	60%	$17.80	$547,884		System leaks, controls are obselete.
1057	Ventilating (B)	08-22-2008	02-07-2017	2	50%	$5.34	$136,971		air handlers need to be replaced
1058	Cooling (C)	08-22-2008	08-31-2020	2	90%	$12.46	$575,278		Systems are old, cobbled together.
System: Plumbing System (8)						***Totals:***	***$215,922***	***$1,926,315***	
72	Fixtures (A)	03-01-2017	08-31-2020	3	15%	$9.08	$69,871		Fixtures are old.
1060	Supply Piping (B)	03-01-2017	03-01-2017	2	10%	$19.25	$98,752		pipes starting to show wear.
1061	Waste Piping (C)	08-22-2008	08-22-2008	2	10%	$9.22	$47,299		Piping starting to show wear.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: UM Missoula Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 8/31/2020

Building: Physical Plant | **Gross Area:** 51,300 Sq Ft | **Report Renewal Cost:** $2,384,491

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $250.70 | **Deficiency Ratio:** 18.5%

Const. Date: 1967 | **Replacement Cost:** $12,861,423

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$117,836***	***$1,787,805***	
74	Distribution (C)	04-28-2005	04-28-2005	2	10%	$11.24	$57,661		REPLACE WORN-OUT GENERATOR WITH NEW
1062	Voice/Data (D)	08-22-2008	08-22-2008	3	15%	$7.82	$60,175		Data ports don't work in Carpenter's shop
System: Safety System (11)						***Totals:***	***$180,617***	***$697,167***	
73	Extinguishing System (B)	04-28-2005	03-01-2017	2	1%	$5.48	$2,811		Building lighting has been upgraded to T5's etc.
1064	Extinguishing System (B)	08-22-2008	08-22-2008	1	50%	$5.48	$140,562		Many areas are under safe guarded.
1065	Exit/Emergency Lighting/Alarms (C	01-09-2017	08-31-2020	1	15%	$4.84	$37,244		Some exits need to be replaced.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 8/28/2020

Building: Schreiber Gymnasium | **Gross Area:** 43,085 Sq Ft | **Report Renewal Cost:** $3,750,765

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $251.64 | **Deficiency Ratio:** 34.6%

Const. Date: 1922 | **Replacement Cost:** $10,842,340

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$98,126***	***$292,978***	
534	Footings/Foundation Walls (A)	10-04-2005	09-10-2015	2	25%	$4.49	$48,363		Repair water leaks in foundation walls. Determined that leaks will not damage area.
535	Exterior Steps/Retaining Walls (B)	10-04-2005	08-28-2020	2	50%	$2.31	$49,763		Repair all steps. Repair around joints.
System: Envelope (2)						***Totals:***	***$311,289***	***$944,854***	
536	Exterior Walls (A)	10-04-2005	09-10-2015	2	50%	$5.95	$128,178		Tuckpoint brick walls & repair damaged terra-cotta and seal exterior.
537	Exterior Windows (B)	10-04-2005	08-28-2020	2	60%	$6.87	$177,596		Repaint steel windows, repair lead putty to glazing, repair grout & caulk where windows meets brick.
538	Exterior Doors/Hatches (C)	04-28-2005	09-10-2015	2	10%	$1.28	$5,515		All doors needs minor repairs, paint.
System: Floor System (3)						***Totals:***	***$582,509***	***$1,168,034***	
929	Floor Structure (A)	01-11-2007	09-10-2015	2	65%	$20.80	$582,509		Entry area main floor has settling occurring and Gym floor is very thin.
System: Roof System (4)						***Totals:***	***$42,870***	***$366,223***	
930	Insulation (C)	01-11-2007	01-04-2012	5	50%	$1.99	$42,870		more insulation is needed in attic area in annex (south of main structure).

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 8/28/2020

Building: Schreiber Gymnasium | **Gross Area:** 43,085 Sq Ft | **Report Renewal Cost:** $3,750,765

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $251.64 | **Deficiency Ratio:** 34.6%

Const. Date: 1922 | **Replacement Cost:** $10,842,340

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$564,198***	***$2,462,308***	
539	Interior Wall Systems (A)	10-04-2005	08-28-2020	2	25%	$15.96	$171,909		Miscellaneous cracks in plaster
541	Floor Finishes (D)	04-28-2005	08-28-2020	2	50%	$8.07	$173,848		Replace worn carpet & vinyl in offices, wood floors need refinishing.
542	Wall Finishes (E)	04-28-2005	09-10-2015	2	60%	$8.45	$218,441		Patch & paint. Pealing still from previous floor flooding
System: Specialties (6)						***Totals:***	***$70,401***	***$629,903***	
543	Toilet Partitions (A)	04-28-2005	08-28-2020	2	30%	$1.78	$23,007		Replace mens partition.
932	Chalk/Tack/Whiteboards/Cabinets (	01-11-2007	01-11-2007	6	10%	$11.00	$47,394		blackboard in room 303 needs to be replaced.
System: HVAC System (7)						***Totals:***	***$427,296***	***$1,118,917***	
810	Heating (A)	10-04-2005	08-28-2020	2	75%	$11.33	$366,115		Cast iron radiators are at the end of useful life. Parts not avail.
811	Ventilating (B)	10-04-2005	10-04-2005	2	100%	$1.42	$61,181		Vent louvers were covered by new roofing. Showers have no ventilation, Air handlers are failing.
System: Plumbing System (8)						***Totals:***	***$1,092,054***	***$1,499,358***	
545	Fixtures (A)	10-04-2005	08-28-2020	2	65%	$7.61	$213,120		Replace fixtures at end of useful life. Womens locker room already done.
546	Supply Piping (B)	10-04-2005	10-01-2015	2	75%	$18.39	$594,250		Supply piping is galvanized and near end of useful life.
547	Waste Piping (C)	10-04-2005	10-01-2015	2	75%	$8.81	$284,684		Waste piping is 80 year old cast.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: UM Missoula Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 8/28/2020

Building: Schreiber Gymnasium | **Gross Area:** 43,085 Sq Ft | **Report Renewal Cost:** $3,750,765

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $251.64 | **Deficiency Ratio:** 34.6%

Const. Date: 1922 | **Replacement Cost:** $10,842,340

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$562,022***	***$1,449,810***	
1675	Building Service (A)	08-28-2020	08-28-2020	2	30%	$6.99	$90,349		System is nearing end of useful life.
548	Lighting (B)	10-04-2005	10-01-2015	5	10%	$8.68	$37,398		Lights were changed out to T5's w/ 32W bulbs and should have been 28W blubs.
942	Distribution (C)	01-11-2007	10-01-2015	2	95%	$10.61	$434,275		secondary is old and needs to be replaced

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: UM Missoula Main Campus
Building: Science Complex (Clapp Bldg)
Building Type/ Age Class: Teaching/Research Labs (4B)
Const. Date: 1971

Area Correction: 0.96
Gross Area: 99,726 Sq Ft
Cost/Sq Ft: $283.45
Replacement Cost: $28,267,335

Last Audit Date: 8/31/2020
Report Renewal Cost: $11,761,654
Deficiency Ratio: 41.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$2,114***	***$782,849***	
739	Exterior Steps/Retaining Walls (B)	04-28-2005	08-31-2020	2	2%	$1.06	$2,114		Breezeway concrete has been replaced.
System: Envelope (2)						***Totals:***	***$841,687***	***$2,795,320***	
740	Exterior Walls (A)	03-01-2017	03-01-2017	2	10%	$10.14	$101,122		Base of exterior of building was painted. Exterior decorative piers still need to be sealed and painted.
741	Exterior Windows (B)	04-28-2005	08-31-2020	5	100%	$4.23	$421,841		Replace all single pane windows with energy efficient two pane lowe-E.
742	Exterior Doors/Hatches (C)	04-28-2005	08-31-2020	2	85%	$3.76	$318,724		Replace all aluminum doors due to worn hardware etc. Replace wx stripping on all wooden doors
System: Floor System (3)						***Totals:***	***$58,140***	***$1,637,501***	
820	Stair Treads/Risers (B)	03-01-2006	03-01-2006	2	10%	$5.83	$58,140		No slip strips are worn out and need to be replace in all stairways.
System: Roof System (4)						***Totals:***	***$81,676***	***$1,332,339***	
821	Structure (A)	03-01-2006	08-31-2020	2	5%	$3.30	$16,455		repair areas where water has leaked thru roof seal and rotted any wooden members
1700	Covering (B)	08-31-2020	08-31-2020	2	10%	$6.54	$65,221		Single ply membrane is over 10 years old now.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 8/31/2020

Building: Science Complex (Clapp Bldg) | **Gross Area:** 99,726 Sq Ft | **Report Renewal Cost:** $11,761,654

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $283.45 | **Deficiency Ratio:** 41.6%

Const. Date: 1971 | **Replacement Cost:** $28,267,335

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)							***Totals: $1,396,413***	***$5,581,664***	
743	Interior Wall Systems (A)	04-28-2005	03-01-2006	2	10%	$21.00	$209,425		Patch or replace sheetrock in places where there has been water damage.
745	Ceilings (B)	04-28-2005	03-01-2017	2	40%	$11.84	$472,302		Ceiling tile throughout building is water damaged and warped and stained. Third and Fourth floors have been replaced. As has part of basement.
746	Interior Doors/Hardware/Windows (	04-28-2005	03-01-2006	2	60%	$2.61	$156,171		Replace approximatley 30% of bldgs interior door hardware and 70% of the bldgs blinds and drapes
744	Floor Finishes (D)	04-28-2005	03-01-2017	2	40%	$10.09	$402,494		Replace all flooring for NASF, not in hallways, bathrooms and stairwells. 3rd and 4th floors have been done.
747	Wall Finishes (E)	04-28-2005	08-31-2020	2	15%	$10.43	$156,021		Repint hallway wall fabric, repaint all classrooms/offices & doors & trim.
System: Specialties (6)							***Totals: $543,906***	***$2,135,134***	
748	Toilet Partitions (A)	04-28-2005	08-31-2020	2	20%	$2.08	$41,486		Some partitions are old & worn out.
825	Signage/Directories (B)	03-01-2006	03-01-2006	6	30%	$0.71	$21,242		No directional signs should be erected at appropriate entrance locations. Name and Off directories
749	Fixed Seating/Risers (C)	04-28-2005	08-31-2020	2	100%	$1.13	$112,690		Classroom tablet arms are breaking-poor design. Tables in some of the labs need to be repaired
750	Chalk/Tack/Whiteboards/Cabinets (	04-28-2005	08-31-2020	2	25%	$10.16	$253,304		Some classrooms/labs still have blackboards that need replacement with LCS boards. Replace cabinets.
826	Fume Hoods (E)	03-01-2006	08-31-2020	2	30%	$3.85	$115,184		Units are old.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus
Area Correction: 0.96
Last Audit Date: 8/31/2020
Building: Science Complex (Clapp Bldg)
Gross Area: 99,726 Sq Ft
Report Renewal Cost: $11,761,654
Building Type/ Age Class: Teaching/Research Labs (4B)
Cost/Sq Ft: $283.45
Deficiency Ratio: 41.6%
Const. Date: 1971
Replacement Cost: $28,267,335

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)							***Totals: $2,167,046***	***$3,812,525***	
751	Heating (A)	03-01-2017	03-01-2017	2	50%	$17.43	$869,112		Center HVAC will be totally replaced, perimeter fan coils need to be replaced. (186 units total) Single pipe system needs replaced.
752	Ventilating (B)	03-01-2017	03-01-2017	2	50%	$15.57	$776,367		Center HVAC will be totally replaced, perimeter fan coils need to be replaced.
753	Cooling (C)	03-01-2017	08-31-2020	2	100%	$5.23	$521,567		One of the two chillers has failed. Costly chiller rental. Replacement in planning stage.
System: Plumbing System (8)							***Totals: $4,775,280***	***$6,261,796***	
754	Fixtures (A)	03-01-2017	08-31-2020	2	50%	$13.03	$649,715		Existing terrazo sinks/lavs are worn out. Many faucets are corroded and nearing end of useful life.
755	Supply Piping (B)	03-01-2017	08-31-2020	2	80%	$34.24	$2,731,695		recirc line for hot water, some cold water and DI lines need to be replaced.
756	Waste Piping (C)	03-01-2017	08-31-2020	2	90%	$15.53	$1,393,870		Waste piping has been failing in places. copper portion of main line needs to be replaced.
System: Electrical System (9)							***Totals: $1,117,530***	***$2,338,575***	
829	Building Service (A)	03-01-2006	08-31-2020	3	10%	$2.73	$27,225		Replace main switch.
757	Lighting (B)	04-28-2005	08-31-2020	5	60%	$7.63	$456,546		Replace all exterior soffit lighting. Interior lighting to be switched to T-8s where poss.
759	Lighting (B)	04-28-2005	04-28-2005	2	10%	$7.63	$76,091		Replace all exterior soffit lighting.
758	Distribution (C)	04-28-2005	08-31-2020	2	60%	$9.32	$557,668		Replace approx. half of the secondary panels damaged by acid fumes.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: UM Missoula Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 8/31/2020

Building: Science Complex (Clapp Bldg) | **Gross Area:** 99,726 Sq Ft | **Report Renewal Cost:** $11,761,654

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $283.45 | **Deficiency Ratio:** 41.6%

Const. Date: 1971 | **Replacement Cost:** $28,267,335

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Conveying (10)						***Totals:***	***$561,457***	***$561,457***	
760	Elevator/Lift (A)	04-28-2005	08-31-2020	1	100%	$5.63	$561,457		Safety hazard, elevator has no break system, potential for free-fall.
System: Safety System (11)						***Totals:***	***$216,405***	***$1,029,172***	
761	Exit/Emergency Lighting/Alarms (C	04-28-2005	08-31-2020	1	100%	$2.17	$216,405		Emergency lighting system has no battery backup or emergency power generator. If the power goes out. Alarm system failing, not dependable.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.93 | **Last Audit Date:** 8/31/2020

Building: Skaggs Building | **Gross Area:** 179,775 Sq Ft | **Report Renewal Cost:** $9,839,965

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $274.59 | **Deficiency Ratio:** 19.9%

Const. Date: 1979 | **Replacement Cost:** $49,366,215

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$118,292***	***$1,368,088***	
1357	Footings/Foundation Walls (A)	07-28-2010	02-07-2017	2	10%	$6.58	$118,292		Original building only.
System: Envelope (2)						***Totals:***	***$289,510***	***$4,880,891***	
139	Exterior Walls (A)	04-28-2005	02-07-2017	2	10%	$9.82	$176,539		Clean & seal exterior brick wall particularly in oldest section.
1358	Exterior Windows (B)	07-28-2010	08-31-2020	2	10%	$4.10	$73,708		Orignal portion of building.
1359	Exterior Doors/Hatches (C)	07-28-2010	07-28-2010	2	6%	$3.64	$39,263		Breezeway doors. Also, original bldg is aging.
System: Floor System (3)						***Totals:***	***$18,445***	***$2,860,220***	
141	Floor Structure (A)	04-28-2005	02-07-2017	2	1%	$10.26	$18,445		The floors in the penthouse and at the south entrance are cracked and need to be repaired.
System: Roof System (4)						***Totals:***	***$875,504***	***$2,326,289***	
1362	Covering (B)	07-28-2010	08-31-2020	2	50%	$6.33	$568,988		Original portion of building is built-up roof and is failing.
1363	Insulation (C)	07-28-2010	08-31-2020	2	50%	$3.41	$306,516		Original Section of roof only. Fiberglass is wet.
System: Finishes (5)						***Totals:***	***$2,799,546***	***$9,747,401***	
1365	Ceilings (B)	07-27-2010	08-31-2020	2	20%	$11.47	$412,404		Original building.
1721	Interior Doors/Hardware/Windows (	08-31-2020	08-31-2020	2	15%	$2.53	$68,225		Hardware wearing out, parts not available.
143	Floor Finishes (D)	07-28-2010	08-31-2020	2	70%	$9.77	$1,229,481		Floors need attention.
1367	Wall Finishes (E)	07-28-2010	08-31-2020	2	60%	$10.10	$1,089,436		Building is ageing.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.93 | **Last Audit Date:** 8/31/2020

Building: Skaggs Building | **Gross Area:** 179,775 Sq Ft | **Report Renewal Cost:** $9,839,965

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $274.59 | **Deficiency Ratio:** 19.9%

Const. Date: 1979 | **Replacement Cost:** $49,366,215

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$624,088***	***$3,728,534***	
1728	Toilet Partitions (A)	08-31-2020	08-31-2020	2	15%	$2.02	$54,472		Some vandalism, parts are hard to find.
1720	Fixed Seating/Risers (C)	08-31-2020	08-31-2020	2	50%	$1.09	$97,977		Showing wear.
1722	Fixed Seating/Risers (C)	08-31-2020	08-31-2020	2	15%	$1.09	$29,393		Original building and North addition, parts not avail. Etc.
1726	Chalk/Tack/Whiteboards/Cabinets (	08-31-2020	08-31-2020	2	25%	$9.84	$442,246		Cabinets are in poor condition.
System: HVAC System (7)						***Totals:***	***$1,134,380***	***$6,658,866***	
1723	Heating (A)	08-31-2020	08-31-2020	2	15%	$16.89	$455,460		Leaks, age, etc.
1724	Ventilating (B)	08-31-2020	08-31-2020	2	20%	$15.08	$542,201		Original building is 43 years old.
1725	Cooling (C)	08-31-2020	08-31-2020	2	15%	$5.07	$136,719		Problems with VFD's, leaks, etc.
System: Plumbing System (8)						***Totals:***	***$3,379,770***	***10,935,713***	
1372	Fixtures (A)	07-28-2010	08-31-2020	2	20%	$12.62	$453,752		Original building and North addition.
1373	Supply Piping (B)	07-28-2010	08-31-2020	2	40%	$33.17	$2,385,255		Original building.
1374	Waste Piping (C)	07-28-2010	08-31-2020	2	20%	$15.04	$540,763		Original building.
System: Electrical System (9)						***Totals:***	***$418,048***	***$4,084,488***	
147	Building Service (A)	04-28-2005	04-28-2005	2	1%	$2.64	$4,746		Replace the power meter. Currently, only half the power meter works.
148	Lighting (B)	04-28-2005	08-31-2020	5	25%	$7.39	$332,134		Most of original building has been updated.
149	Distribution (C)	04-28-2005	08-31-2020	2	5%	$9.03	$81,168		Ageing.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: UM Missoula Main Campus | **Area Correction:** 0.93 | **Last Audit Date:** 8/31/2020

Building: Skaggs Building | **Gross Area:** 179,775 Sq Ft | **Report Renewal Cost:** $9,839,965

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $274.59 | **Deficiency Ratio:** 19.9%

Const. Date: 1979 | **Replacement Cost:** $49,366,215

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Conveying (10)						***Totals:***	***$9,798***	***$979,774***	
150	Elevator/Lift (A)	04-28-2005	04-28-2005	3	1%	$5.45	$9,798		Install ADA phone and audible/visual indicator lights in the elevator.
System: Safety System (11)						***Totals:***	***$172,584***	***$1,795,952***	
1375	Extinguishing System (B)	07-28-2010	08-31-2020	2	20%	$4.80	$172,584		Original building.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 8/28/2020

Building: Social Science | **Gross Area:** 95,246 Sq Ft | **Report Renewal Cost:** $5,710,950

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $232.28 | **Deficiency Ratio:** 25.8%

Const. Date: 1923 | **Replacement Cost:** $22,124,693

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$100,866***	***$597,192***	
1437	Footings/Foundation Walls (A)	07-21-2011	09-09-2015	2	5%	$4.14	$19,716		Waterproof north wall of addition. Water is penetration foundation.
415	Exterior Steps/Retaining Walls (B)	04-28-2005	08-28-2020	2	40%	$2.13	$81,150		Hand rails needed on front steps. Regrout south & west.
System: Envelope (2)						***Totals:***	***$568,190***	***$1,928,732***	
417	Exterior Walls (A)	04-28-2005	09-09-2015	2	25%	$5.49	$130,725		Clean, tuck point and waterproof walls. Paint trim.
923	Exterior Windows (B)	11-08-2006	09-09-2015	2	65%	$6.34	$392,509		Windows are single pane wood frame, north(older bldg) are in very bad shape.
419	Exterior Doors/Hatches (C)	04-28-2005	09-10-2015	2	40%	$1.18	$44,956		add brass coverings on doors Front, East & West.
System: Roof System (4)						***Totals:***	***$313,645***	***$747,681***	
420	Covering (B)	04-28-2005	08-28-2020	2	70%	$3.92	$261,355		Built-up roof has been replaced over north addition. Tin roof is rusting, Tile roof is chipping cracking and needs to be replaced.
421	Insulation (C)	04-28-2005	09-10-2015	2	30%	$1.83	$52,290		Install additional insulation to North wing roof and some blown-in to South attic.
System: Finishes (5)						***Totals:***	***$1,666,709***	***$5,024,227***	
422	Ceilings (B)	04-28-2005	09-10-2015	2	45%	$13.02	$558,046		Ceiling tile throughout building is old fiberglass, torn, damaged, missing.
1586	Interior Doors/Hardware/Windows (	09-10-2015	09-10-2015	2	25%	$9.75	$232,162		Doors and hardware are showing signs of wear/failure.
426	Floor Finishes (D)	04-28-2005	09-10-2015	2	45%	$7.45	$319,312		Replace some Terrazo, carpet, new tile in hallway
427	Wall Finishes (E)	04-28-2005	08-28-2020	2	75%	$7.80	$557,189		Complete interior paint and install corner guards in offices and classrooms

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 8/28/2020

Building: Social Science | **Gross Area:** 95,246 Sq Ft | **Report Renewal Cost:** $5,710,950

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $232.28 | **Deficiency Ratio:** 25.8%

Const. Date: 1923 | **Replacement Cost:** $22,124,693

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$254,688***	***$1,284,869***	
1438	Toilet Partitions (A)	07-21-2011	09-10-2015	2	15%	$1.64	$23,431		Second and third floor bathrooms need renovation.
1439	Fixed Seating/Risers (C)	07-21-2011	08-28-2020	2	40%	$0.99	$37,717		Large classrooms are aging and in need of repair.
1588	Chalk/Tack/Whiteboards/Cabinets (	09-10-2015	08-28-2020	2	20%	$10.16	$193,540		Various cabinets have water damage.
System: HVAC System (7)						***Totals:***	***$1,021,227***	***$2,283,047***	
430	Heating (A)	04-28-2005	08-28-2020	2	60%	$10.46	$597,764		All heat pmp piping is worn our, all herman-nelson ht pumps need replaced, condensate pump need replaced. Traps have been replaced.
431	Ventilating (B)	04-28-2005	09-10-2015	2	60%	$1.31	$74,863		Exhaust fans are worn out. Bathrooms have poor ventilation.
1440	Cooling (C)	07-21-2011	08-28-2020	5	30%	$12.20	$348,600		A large portion of the basement of this building is cooled by coldwave units are being replaced.
System: Plumbing System (8)						***Totals:***	***$917,790***	***$3,060,254***	
1441	Fixtures (A)	07-21-2011	08-28-2020	2	30%	$7.02	$200,588		Fixtures are old and wearing out.Drinking fountains need to be replaced.
1442	Supply Piping (B)	07-21-2011	08-28-2020	2	30%	$16.97	$484,897		Much of the supply piping is copper and will wear out especially with the high water usage required by the Cold Wave units in the basement.
434	Waste Piping (C)	04-28-2005	08-28-2020	2	30%	$8.13	$232,305		Portion of system in building is 90 years old and prone to failure.
System: Electrical System (9)						***Totals:***	***$233,115***	***$2,958,341***	
436	Distribution (C)	04-28-2005	10-01-2015	2	25%	$9.79	$233,115		Replace secondary electrical systems, switchs, outlets, maintenance & service motor controls.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: UM Missoula Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 8/28/2020

Building: Social Science | **Gross Area:** 95,246 Sq Ft | **Report Renewal Cost:** $5,710,950

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $232.28 | **Deficiency Ratio:** 25.8%

Const. Date: 1923 | **Replacement Cost:** $22,124,693

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Conveying (10)						***Totals:***	***$589,573***	***$589,573***	
1444	Elevator/Lift (A)	07-21-2011	08-28-2020	1	100%	$6.19	$589,573		Elevator is very old and in need of repair.Door opens while moving. Safety hazard.
System: Safety System (11)						***Totals:***	***$45,147***	***$1,267,724***	
438	Exit/Emergency Lighting/Alarms (C	04-28-2005	09-26-2011	1	10%	$4.74	$45,147		Battery pack system is dead. Exits and emergency lighting needs replaced. Fire alarm and smokes are new.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus
Building: Stone Hall (Old Jounalism)
Building Type/ Age Class: General Classroom/Office (3A)
Const. Date: 1937

Area Correction: 1.16
Gross Area: 28,916 Sq Ft
Cost/Sq Ft: $280.67
Replacement Cost: $8,116,143

Last Audit Date: 8/28/2020
Report Renewal Cost: $2,434,454
Deficiency Ratio: 30.0%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$22,294***	***$219,183***	
592	Exterior Steps/Retaining Walls (B)	04-28-2005	09-11-2015	2	30%	$2.57	$22,294		South entrance has degraded, need seal repair.
System: Envelope (2)						***Totals:***	***$319,393***	***$707,285***	
593	Exterior Walls (A)	04-28-2005	09-11-2015	2	35%	$6.63	$67,100		Seal and tuck point.
594	Exterior Windows (B)	04-28-2005	09-11-2015	2	100%	$7.66	$221,497		All exterior windows are origional wood frame single pane and are nearing the end of their useful li
595	Exterior Doors/Hatches (C)	04-28-2005	09-11-2015	2	75%	$1.42	$30,796		Replace south & west entrance doors.
System: Roof System (4)						***Totals:***	***$166,774***	***$274,124***	
596	Covering (B)	04-28-2005	09-11-2015	2	75%	$4.73	$102,580		Buildup portion of roof needs to be replaced. Orig. tile roof is also showing its age. East entrance shingles also need to be replaced.
1579	Insulation (C)	10-26-2012	10-26-2012	1	100%	$2.22	$64,194		Vermiculite in attic makes it safely inaccessible to maintenance personel.
System: Finishes (5)						***Totals:***	***$304,602***	***$1,843,106***	
1045	Interior Wall Systems (A)	05-28-2007	09-11-2015	2	10%	$17.80	$51,470		Patch holes on first & settling cracks
1046	Ceilings (B)	05-28-2007	10-26-2012	2	15%	$15.74	$68,271		Water leakage in carpenter shop.
597	Interior Doors/Hardware/Windows (	04-28-2005	09-11-2015	2	15%	$11.78	$51,095		Replace worn out door hinges & locksets & closers. East flat roof is still an issue.
598	Floor Finishes (D)	04-28-2005	04-28-2005	2	20%	$9.00	$52,049		Replace old worn out carpet & vct tiles.
599	Wall Finishes (E)	04-28-2005	10-26-2012	2	30%	$9.42	$81,717		Paint enterior walls that are cracked and worn.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus
Building: Stone Hall (Old Jounalism)
Building Type/ Age Class: General Classroom/Office (3A)
Const. Date: 1937

Area Correction: 1.16
Gross Area: 28,916 Sq Ft
Cost/Sq Ft: $280.67
Replacement Cost: $8,116,143

Last Audit Date: 8/28/2020
Report Renewal Cost: $2,434,454
Deficiency Ratio: 30.0%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$17,176***	***$471,331***	
600	Toilet Partitions (A)	04-28-2005	08-28-2020	2	30%	$1.98	$17,176		Repaint metal partitions.
System: HVAC System (7)						***Totals:***	***$418,704***	***$837,407***	
602	Heating (A)	04-28-2005	09-11-2015	2	50%	$12.64	$182,749		Replace H&V heater coils and cabinets.
603	Ventilating (B)	04-28-2005	09-11-2015	2	50%	$1.58	$22,844		Replace H&V ventilation blowers.
1680	Cooling (C)	08-28-2020	08-28-2020	2	50%	$14.74	$213,111		Replace water cooled units.
System: Plumbing System (8)						***Totals:***	***$780,731***	***$1,122,519***	
605	Fixtures (A)	04-28-2005	10-01-2015	2	50%	$8.49	$122,748		All plumbing fixtures in the building are 70 years old, are obselete, have no replacement parts and recquire continual repair.
606	Supply Piping (B)	04-28-2005	10-01-2015	2	75%	$20.51	$444,800		All supply water piping is origional galvanized and should be replaced with copper.
607	Waste Piping (C)	04-28-2005	10-01-2015	2	75%	$9.83	$213,183		All waste piping is origional cast iron and is nearing the end of its useful life.
System: Electrical System (9)						***Totals:***	***$287,656***	***$1,085,217***	
608	Lighting (B)	04-28-2005	10-01-2015	2	5%	$9.68	$13,995		Building has seen a lighting/energy upgrade.
609	Distribution (C)	04-28-2005	08-28-2020	2	80%	$11.83	$273,661		System is wearing out. Parts are no longer available. Outlets are worn out. Electrical panels & dis
System: Conveying (10)						***Totals:***	***$75,702***	***$216,292***	
1581	Elevator/Lift (A)	10-26-2012	08-28-2020	2	35%	$7.48	$75,702		Elevator is over 30 years old.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
- [x] 1
- [x] 2
- [x] 3
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- [ ] 7

Site: UM Missoula Main Campus
Area Correction: 1.16
Last Audit Date: 8/28/2020

Building: Stone Hall (Old Jounalism)
Gross Area: 28,916 Sq Ft
Report Renewal Cost: $2,434,454

Building Type/ Age Class: General Classroom/Office (3A)
Cost/Sq Ft: $280.67
Deficiency Ratio: 30.0%

Const. Date: 1937
Replacement Cost: $8,116,143

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	***$41,422***	***$464,969***	
1050	Exit/Emergency Lighting/Alarms (C	05-28-2007	08-28-2020	2	25%	$5.73	$41,422		Portions of Alarm system need to be replaced.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 8/28/2020

Building: University (Main) Hall | **Gross Area:** 32,843 Sq Ft | **Report Renewal Cost:** $2,890,302

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 33.7%

Const. Date: 1898 | **Replacement Cost:** $8,582,533

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$130,551***	***$231,872***	
302	Footings/Foundation Walls (A)	12-10-2010	06-15-2017	2	75%	$4.66	$114,786		Existing walls are stone rubble w/o any waterproofing or insulation. Approx. 1/2 of the bldg has been excavated and waterproofed. No structural issues.
304	Exterior Steps/Retaining Walls (B)	07-12-2006	06-15-2017	2	20%	$2.40	$15,765		All steps need mortar & sealant. Cracked joints from settlement. Ramp on North side needs repair.
System: Envelope (2)						***Totals:***	***$308,182***	***$748,164***	
305	Exterior Walls (A)	12-10-2010	06-15-2017	2	5%	$6.18	$10,148		Brick & stone needs washing & Tuck-pointing, and sealing. West side of building has been done.
306	Exterior Windows (B)	07-12-2006	09-04-2015	2	100%	$7.13	$234,171		Need total replacement. Existing windows are 100 yrs old; wood casement & single pane glass.
307	Exterior Doors/Hatches (C)	04-28-2005	09-04-2015	2	85%	$1.33	$37,129		Doors are 100 yrs old. East entry door has been replaced.
308	Interior Columns/Beams (D)	07-12-2006	04-28-2005	2	10%	$8.14	$26,734		Walls/Columns/Beams are old & require maintenance.
System: Floor System (3)						***Totals:***	***$397,794***	***$924,859***	
309	Floor Structure (A)	07-12-2006	07-15-2017	2	50%	$21.60	$354,704		1st, 2nd and 3rd floors squeak & could have some dry rot.
310	Stair Treads/Risers (B)	07-12-2006	07-15-2017	2	20%	$6.56	$43,090		Treads/risers need refinishing. Stain and material repair. Handrails are worn and scratched.
System: Roof System (4)						***Totals:***	***$21,217***	***$290,004***	
312	Covering (B)	12-10-2010	04-28-2005	2	10%	$4.40	$14,451		Entire roof covering has been replaced. Gutter and downspouts still need to be replaced. Roof leaks at north cupola.
313	Insulation (C)	07-12-2006	04-28-2005	2	10%	$2.06	$6,766		Add more blown-in insulation.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 8/28/2020

Building: University (Main) Hall | **Gross Area:** 32,843 Sq Ft | **Report Renewal Cost:** $2,890,302

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 33.7%

Const. Date: 1898 | **Replacement Cost:** $8,582,533

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$320,202***	***$1,949,232***	
314	Interior Wall Systems (A)	07-12-2006	09-04-2015	2	15%	$16.57	$81,631		Old soft bricks on walls need new plaster & work. Also, same w/ wood lath & plaster walls.
315	Ceilings (B)	12-10-2010	08-28-2020	2	5%	$14.65	$24,057		Plaster is cracking throughout building. Ceiling in both north and south stairways is cracking.
316	Interior Doors/Hardware/Windows (	07-12-2006	09-04-2015	2	5%	$10.97	$18,014		Existing wood hallway doors grandfathered by code but change out glass panels & transom to fire rate
317	Floor Finishes (D)	07-12-2006	08-28-2020	2	40%	$8.38	$110,090		Carpet, wood flooring and subflooring is old & needs replacement.
318	Wall Finishes (E)	04-28-2005	08-28-2020	2	30%	$8.77	$86,410		Needs repaint of old walls, wood panelling, wainscote & acoustical tiles. Basement and 1st floor are done.
System: Specialties (6)						***Totals:***	***$75,559***	***$498,557***	
320	Toilet Partitions (A)	07-12-2006	04-28-2005	2	100%	$1.85	$60,760		Need total replacement.
322	Fixed Seating/Risers (C)	07-12-2006	04-28-2005	2	20%	$1.11	$7,291		Damage wear-out to Risers @ third floor.
323	Chalk/Tack/Whiteboards/Cabinets (	07-12-2006	04-28-2005	2	2%	$11.43	$7,508		Replace chalkbds with LCS boards at southside 3rd floor.
System: HVAC System (7)						***Totals:***	***$705,435***	***$885,776***	
324	Heating (A)	07-12-2006	09-04-2015	2	95%	$11.77	$367,234		Old steam heating leaks, some radiaters need replacement. 6" steam piping in basement is worn out
326	Cooling (C)	04-28-2005	09-04-2015	2	75%	$13.73	$338,201		Existing structure has some cooling in select rooms but the window units are inefficient and cause moisture damage to the building. Pres. A/C needs replaced.

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: UM Missoula Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 8/28/2020
Building: University (Main) Hall | **Gross Area:** 32,843 Sq Ft | **Report Renewal Cost:** $2,890,302
Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 33.7%
Const. Date: 1898 | **Replacement Cost:** $8,582,533

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$675,186***	***$1,186,946***	
327	Fixtures (A)	07-12-2006	08-28-2020	2	10%	$7.90	$25,946		Many fixtures have been replaced.
328	Supply Piping (B)	12-10-2010	10-01-2015	2	70%	$19.09	$438,881		Existing piping is cast iron &/or galvanized in excess of 104 yrs old, is rusted out and could fail
329	Waste Piping (C)	12-10-2010	10-01-2015	2	70%	$9.15	$210,359		As in 8B. In excess of 104 yrs old.
System: Electrical System (9)						***Totals:***	***$168,485***	***$1,147,534***	
330	Building Service (A)	07-12-2006	10-01-2015	2	10%	$7.26	$23,844		Upgrade electrical service. Switchgear. Bldg supply is adequate for more panels.
907	Distribution (C)	07-12-2006	10-01-2015	2	40%	$11.01	$144,641		Replace panels and upgrade service links.
System: Safety System (11)						***Totals:***	***$87,691***	***$491,660***	
336	Exit/Emergency Lighting/Alarms (C	07-12-2006	04-28-2005	3	50%	$5.34	$87,691		No emergency lighting exists. New fire alarm installed. Replace exit lights with battery backups.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.93 | **Last Audit Date:** 7/26/2010

Building: University Center | **Gross Area:** 178,844 Sq Ft | **Report Renewal Cost:** $377,411

Building Type/ Age Class: College, Student Union (21B) | **Cost/Sq Ft:** $212.28 | **Deficiency Ratio:** 1.0%

Const. Date: 1968 | **Replacement Cost:** $37,965,004

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$13,431***	***$1,343,118***	
1319	Footings/Foundation Walls (A)	07-26-2010	07-26-2010	2	1%	$6.48	$11,589		initial entry per discussion with UC personnel
1320	Exterior Steps/Retaining Walls (B)	07-26-2010	07-26-2010	2	1%	$1.03	$1,842		initial entry per discussions with UC personnel
System: Envelope (2)						***Totals:***	***$63,686***	***$6,370,423***	
1321	Exterior Walls (A)	07-26-2010	07-26-2010	2	1%	$17.96	$32,120		initial entry per discussion with UC personnel
1322	Exterior Windows (B)	07-26-2010	07-26-2010	2	1%	$7.47	$13,360		initial entry per discussions with UC personnel
1323	Exterior Doors/Hatches (C)	07-26-2010	07-26-2010	2	1%	$0.70	$1,252		initial entry per discussions with UC personnel
1324	Interior Columns/Beams (D)	07-26-2010	07-26-2010	2	1%	$9.48	$16,954		initial entry per discussions with UC personnel
System: Floor System (3)						***Totals:***	***$51,560***	***$5,156,073***	
1325	Floor Structure (A)	07-26-2010	07-26-2010	2	1%	$26.69	$47,733		initial entry per discussions with UC personnel
1326	Stair Treads/Risers (B)	07-26-2010	07-26-2010	2	1%	$2.14	$3,827		initial entry per discussions with UC personnel
System: Roof System (4)						***Totals:***	***$15,416***	***$1,543,424***	
1327	Structure (A)	07-26-2010	07-26-2010	2	1%	$3.16	$5,651		initial entry per discussions with UC personnel
1328	Covering (B)	07-26-2010	07-26-2010	2	1%	$3.55	$6,349		initial entry per discussions with UC personnel
1329	Insulation (C)	07-26-2010	07-26-2010	2	1%	$1.91	$3,416		initial entry per discussions with UC personnel

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.93 | **Last Audit Date:** 7/26/2010

Building: University Center | **Gross Area:** 178,844 Sq Ft | **Report Renewal Cost:** $377,411

Building Type/ Age Class: College, Student Union (21B) | **Cost/Sq Ft:** $212.28 | **Deficiency Ratio:** 1.0%

Const. Date: 1968 | **Replacement Cost:** $37,965,004

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$77,939***	***$7,794,022***	
1330	Interior Wall Systems (A)	07-26-2010	07-26-2010	2	1%	$7.36	$13,163		initial entry per discussion with UC personnel
1332	Ceilings (B)	07-26-2010	07-26-2010	2	1%	$9.30	$16,632		initial entry per discussions with UC personnel
1333	Interior Doors/Hardware/Windows (	07-26-2010	07-26-2010	2	1%	$13.48	$24,108		initial entry per discussions with UC personnel
1334	Floor Finishes (D)	07-26-2010	07-26-2010	2	1%	$7.68	$13,735		initial entry per discussions with UC personnel
1335	Wall Finishes (E)	07-26-2010	07-26-2010	2	1%	$5.76	$10,301		initial entry per discussions with UC personnel
System: Specialties (6)						***Totals:***	***$8,013***	***$1,022,988***	
1336	Toilet Partitions (A)	07-26-2010	07-26-2010	2	1%	$2.02	$3,613		initial entry per discussions with UC personnel
1263	Signage/Directories (B)	04-27-2010	04-27-2010	4	1%	$0.69	$1,234		test figure until audit scheduled
1337	Signage/Directories (B)	07-26-2010	07-26-2010	2	1%	$0.69	$1,234		initial entry per discussions with UC personnel
1339	Fixed Seating/Risers (C)	07-26-2010	07-26-2010	2	1%	$1.08	$1,932		initial entry per discussions with UC personnel
System: HVAC System (7)						***Totals:***	***$60,413***	***$6,039,562***	
1340	Heating (A)	07-26-2010	07-26-2010	2	1%	$16.89	$30,207		initial entry per discussions with UC personnel
1341	Ventilating (B)	07-26-2010	07-26-2010	2	1%	$5.07	$9,067		initial entry per discussions with UC personnel
1342	Cooling (C)	07-26-2010	07-26-2010	2	1%	$11.82	$21,139		initial entry per discussions with UC personnel
System: Plumbing System (8)						***Totals:***	***$13,091***	***$1,307,350***	
1343	Fixtures (A)	07-26-2010	07-26-2010	2	1%	$2.09	$3,738		initial entry per discussions with UC personnel
1344	Supply Piping (B)	07-26-2010	07-26-2010	2	1%	$3.00	$5,365		initial entry per discussions with UC personnel
1345	Waste Piping (C)	07-26-2010	07-26-2010	2	1%	$2.23	$3,988		initial entry per discussions with UC personnel

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 0.93 | **Last Audit Date:** 7/26/2010

Building: University Center | **Gross Area:** 178,844 Sq Ft | **Report Renewal Cost:** $377,411

Building Type/ Age Class: College, Student Union (21B) | **Cost/Sq Ft:** $212.28 | **Deficiency Ratio:** 1.0%

Const. Date: 1968 | **Replacement Cost:** $37,965,004

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$45,730***	***$4,573,041***	
1346	Building Service (A)	07-26-2010	07-26-2010	2	1%	$2.95	$5,276		initial entry per discussions with UC personnel
1347	Lighting (B)	07-26-2010	07-26-2010	2	1%	$8.53	$15,255		initial entry per discussions with UC personnel
1348	Distribution (C)	07-26-2010	07-26-2010	2	1%	$10.43	$18,653		initial entry per discussions with UC personnel
1349	Voice/Data (D)	07-26-2010	07-26-2010	2	1%	$3.66	$6,546		initial entry per discussions with UC personnel
System: Conveying (10)						***Totals:***	***$9,747***	***$974,700***	
1350	Elevator/Lift (A)	07-26-2010	07-26-2010	2	1%	$5.45	$9,747		initial entry per discussions with UC personnel
System: Safety System (11)						***Totals:***	***$18,385***	***$1,840,305***	
1351	Egress (A)	07-26-2010	07-26-2010	1	1%	$3.09	$5,526		initial entry per discussions with UC personnel
1352	Extinguishing System (B)	07-26-2010	07-26-2010	3	1%	$5.20	$9,300		initial entry per discussions with UC personnel
1353	Exit/Emergency Lighting/Alarms (C	07-26-2010	07-26-2010	2	1%	$1.99	$3,559		initial entry per discussions with UC personnel

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/31/2020

Building: Urey Lecture Hall | **Gross Area:** 9,780 Sq Ft | **Report Renewal Cost:** $192,551

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $373.87 | **Deficiency Ratio:** 5.3%

Const. Date: 1980 | **Replacement Cost:** $3,656,546

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)					***Totals:***		***$156***	***$76,382***	
245	Exterior Steps/Retaining Walls (B)	04-28-2005	08-31-2020	2	1%	$1.60	$156		Entry is new and in good condition.
System: Roof System (4)					***Totals:***		***$769***	***$107,580***	
1640	Covering (B)	02-07-2017	08-31-2020	2	1%	$5.11	$500		Membrane replaced summer of 2020.
1641	Insulation (C)	02-07-2017	08-31-2020	2	1%	$2.75	$269		Some insulation replaced when roof was redone summer of 2020.
System: Finishes (5)					***Totals:***		***$994***	***$716,483***	
246	Floor Finishes (D)	04-28-2005	08-31-2020	2	1%	$10.16	$994		Entire lecture was gutted and renovated summer of 2020.
System: HVAC System (7)					***Totals:***		***$76,709***	***$511,494***	
249	Heating (A)	04-28-2005	08-31-2020	2	15%	$26.15	$38,362		Age.
1735	Ventilating (B)	08-31-2020	08-31-2020	2	15%	$7.84	$11,501		System is over 40 years old.
1736	Cooling (C)	08-31-2020	08-31-2020	2	15%	$18.30	$26,846		System is over 40 years old.
System: Plumbing System (8)					***Totals:***		***$40,920***	***$546,506***	
1737	Supply Piping (B)	08-31-2020	08-31-2020	2	10%	$28.29	$27,668		Piping is mostly copper and over 40 years old.
1738	Waste Piping (C)	08-31-2020	08-31-2020	2	10%	$13.55	$13,252		Waste piping is over 40 years old.
System: Electrical System (9)					***Totals:***		***$35,912***	***$545,920***	
250	Distribution (C)	04-28-2005	08-31-2020	2	20%	$18.36	$35,912		Ageing panels..

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: UM Missoula Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/31/2020

Building: Urey Lecture Hall | **Gross Area:** 9,780 Sq Ft | **Report Renewal Cost:** $192,551

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $373.87 | **Deficiency Ratio:** 5.3%

Const. Date: 1980 | **Replacement Cost:** $3,656,546

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)					***Totals:***		***$37,091***	***$195,209***	
1739	Extinguishing System (B)	08-31-2020	08-31-2020	2	25%	$8.06	$19,707		Piping and heads are over 40 years old.
251	Exit/Emergency Lighting/Alarms (C	04-28-2005	08-31-2020	3	25%	$7.11	$17,384		Upgrade emergency lighting and alarm systems.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 10/15/2021

Building: Vehicle Storage | **Gross Area:** 9,710 Sq Ft | **Report Renewal Cost:** $571,861

Building Type/ Age Class: Warehouse/Storage Facilities (8B) | **Cost/Sq Ft:** $170.18 | **Deficiency Ratio:** 34.6%

Const. Date: 1965 | **Replacement Cost:** $1,652,545

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$169,833***	***$349,851***	
2359	Exterior Walls (A)	10-15-2021	10-15-2021	2	80%	$18.75	$145,650		Wear and tear due to age - Large holes in walls as well as dents and damage
2360	Exterior Doors/Hatches (C)	10-15-2021	10-15-2021	2	85%	$2.93	$24,183		Wear and tear due to age - Manual garage doors
System: Floor System (3)						***Totals:***	***$148,126***	***$221,000***	
2361	Floor Structure (A)	10-15-2021	10-15-2021	2	75%	$20.34	$148,126		Wear and tear due to age
System: Roof System (4)						***Totals:***	***$119,758***	***$192,258***	
2362	Structure (A)	10-15-2021	10-15-2021	2	85%	$4.69	$38,709		Wear and tear due to age
2364	Covering (B)	10-15-2021	10-15-2021	2	85%	$9.82	$81,049		Wear and tear due to age - Metal roof
System: Electrical System (9)						***Totals:***	***$134,144***	***$149,049***	
2365	Building Service (A)	10-15-2021	10-15-2021	2	90%	$1.41	$12,322		Based on 50 year lifespan
2366	Lighting (B)	10-15-2021	10-15-2021	2	90%	$6.27	$54,794		T12 fixtures need to be replaced
2367	Distribution (C)	10-15-2021	10-15-2021	2	90%	$7.67	$67,028		Based on 50 year life span

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Missoula Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 10/15/2021

Building: Warehouse #24 | **Gross Area:** 4,450 Sq Ft | **Report Renewal Cost:** $345,396

Building Type/ Age Class: Warehouse/Storage Facilities (8A) | **Cost/Sq Ft:** $166.67 | **Deficiency Ratio:** 46.6%

Const. Date: 1955 | **Replacement Cost:** $741,682

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$54,757***	***$169,545***	
2522	Exterior Walls (A)	10-15-2021	10-15-2021	2	50%	$18.75	$41,719		More than 30 years old
2523	Exterior Doors/Hatches (C)	10-15-2021	10-15-2021	2	100%	$2.93	$13,038		Garage doors have been abused - the motors need replaced
System: Floor System (3)						***Totals:***	***$67,885***	***$101,282***	
2524	Floor Structure (A)	10-15-2021	10-15-2021	2	75%	$20.34	$67,885		There are many crack throughout the concrete
System: Roof System (4)						***Totals:***	***$65,893***	***$94,652***	
2525	Structure (A)	10-15-2021	10-15-2021	2	75%	$4.69	$15,653		Preengineered metal building frame - Old
2526	Covering (B)	10-15-2021	10-15-2021	2	100%	$11.29	$50,240		Original roof more than 30 years old
System: HVAC System (7)						***Totals:***	***$18,022***	***$33,375***	
2527	Heating (A)	10-15-2021	10-15-2021	2	90%	$4.50	$18,022		Old gas fired hanging heaters
System: Electrical System (9)						***Totals:***	***$61,409***	***$61,410***	
2528	Building Service (A)	10-15-2021	10-15-2021	2	100%	$1.41	$6,274		Over 50 years old service fed from Bldg 32
2529	Lighting (B)	10-15-2021	10-15-2021	2	100%	$5.58	$24,831		Old vapor T8 flourescents
2530	Distribution (C)	10-15-2021	10-15-2021	2	100%	$6.81	$30,304		Over 50 years old
System: Safety System (11)						***Totals:***	***$77,430***	***$98,790***	
2532	Extinguishing System (B)	10-15-2021	10-15-2021	1	100%	$10.48	$46,636		Does not contain
2531	Exit/Emergency Lighting/Alarms (C	10-15-2021	10-15-2021	1	100%	$6.92	$30,794		Old exit lights

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: UM Missoula Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 10/15/2021

Building: Warehouse #25 | **Gross Area:** 16,000 Sq Ft | **Report Renewal Cost:** $1,165,264

Building Type/ Age Class: Warehouse/Storage Facilities (8A) | **Cost/Sq Ft:** $140.05 | **Deficiency Ratio:** 52.0%

Const. Date: 1955 | **Replacement Cost:** $2,240,800

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$12,496***	***$168,000***	
2369	Footings/Foundation Walls (A)	10-15-2021	10-15-2021	2	10%	$7.81	$12,496		Wear and tear due to age
System: Envelope (2)						***Totals:***	***$505,024***	***$512,320***	
2370	Exterior Walls (A)	10-15-2021	10-15-2021	1	100%	$15.75	$252,000		Metal walls are extremely damaged - Need replaced
2371	Exterior Doors/Hatches (C)	10-15-2021	10-15-2021	2	90%	$2.46	$35,424		Wear and tear due to age
2372	Interior Columns/Beams (D)	10-15-2021	10-15-2021	1	100%	$13.60	$217,600		Wear and tear due to age
System: Floor System (3)						***Totals:***	***$136,720***	***$306,080***	
2373	Floor Structure (A)	10-15-2021	10-15-2021	2	50%	$17.09	$136,720		Wear and tear due to age
System: Roof System (4)						***Totals:***	***$214,880***	***$286,080***	
2374	Structure (A)	10-15-2021	10-15-2021	1	100%	$3.94	$63,040		Roof is heavily damaged and full of holes - Metal
2375	Covering (B)	10-15-2021	10-15-2021	1	100%	$9.49	$151,840		Roof is heavily damaged and full of holes - Metal
System: HVAC System (7)						***Totals:***	***$60,480***	***$100,800***	
2376	Heating (A)	10-15-2021	10-15-2021	1	100%	$3.78	$60,480		Heating system is abandoned
System: Plumbing System (8)						***Totals:***	***$104,640***	***$120,640***	
2377	Supply Piping (B)	10-15-2021	10-15-2021	2	100%	$1.73	$27,680		Abandoned
2378	Waste Piping (C)	10-15-2021	10-15-2021	2	100%	$4.81	$76,960		Abandoned

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

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Site: UM Missoula Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 10/15/2021

Building: Warehouse #25 | **Gross Area:** 16,000 Sq Ft | **Report Renewal Cost:** $1,165,264

Building Type/ Age Class: Warehouse/Storage Facilities (8A) | **Cost/Sq Ft:** $140.05 | **Deficiency Ratio:** 52.0%

Const. Date: 1955 | **Replacement Cost:** $2,240,800

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$131,024***	***$185,600***	
2379	Building Service (A)	10-15-2021	10-15-2021	2	10%	$1.19	$1,904		Service was upgraded in 2016
2380	Lighting (B)	10-15-2021	10-15-2021	2	50%	$4.68	$37,440		Lighting is being replaced as bulbs are going out
2381	Distribution (C)	10-15-2021	10-15-2021	2	100%	$5.73	$91,680		Original distribution

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

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Site: UM Western Main Campus
Building: Industrial Tech (IT) Woods
Building Type/ Age Class: General Classroom/Office (3A)
Const. Date: 1924

Area Correction: 1.08
Gross Area: 33,024 Sq Ft
Cost/Sq Ft: $261.32
Replacement Cost: $8,629,832

Last Audit Date: 5/25/2006
Report Renewal Cost: $73,908
Deficiency Ratio: 0.9%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$73,908***	***$233,149***	
1101	Footings/Foundation Walls (A)	05-25-2006	05-25-2006	2	30%	$4.66	$46,168		Cracks in several rooms. No water damage.
1103	Exterior Steps/Retaining Walls (B)	05-25-2006	05-25-2006	2	35%	$2.40	$27,740		steps up to pool area. Steps down to mech room . Tuck pointing and slabs

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Western Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 11/8/2021

Building: Main Hall / Aud & Shop | **Gross Area:** 16,040 Sq Ft | **Report Renewal Cost:** $1,392,077

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $309.54 | **Deficiency Ratio:** 28.0%

Const. Date: 1952 | **Replacement Cost:** $4,965,022

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$4,186***	***$105,222***	
2616	Footings/Foundation Walls (A)	11-08-2021	11-08-2021	2	5%	$5.22	$4,186		Some groundwater seepage
System: Envelope (2)						***Totals:***	***$69,870***	***$412,870***	
2617	Exterior Windows (B)	11-08-2021	11-08-2021	2	40%	$9.40	$60,310		Old windows leak air - Metal framed
2618	Exterior Doors/Hatches (C)	11-08-2021	11-08-2021	2	40%	$1.49	$9,560		Oak doors have wear and tear
System: Floor System (3)						***Totals:***	***$93,593***	***$506,062***	
2619	Floor Structure (A)	11-08-2021	11-08-2021	2	15%	$24.20	$58,225		Floor creaks througout
2620	Stair Treads/Risers (B)	11-08-2021	11-08-2021	2	30%	$7.35	$35,368		Normal wear and tear - Wood treads
System: Roof System (4)						***Totals:***	***$73,046***	***$148,370***	
2621	Structure (A)	11-08-2021	11-08-2021	2	50%	$2.64	$21,173		Normal wear and tear based on age
2622	Covering (B)	11-08-2021	11-08-2021	2	70%	$4.29	$48,168		Seams came loose - 15 year old membrane
2623	Insulation (C)	11-08-2021	11-08-2021	2	10%	$2.31	$3,705		Normal wear and tear
System: Finishes (5)						***Totals:***	***$181,076***	***$987,422***	
2624	Interior Wall Systems (A)	11-08-2021	11-08-2021	2	5%	$16.88	$13,538		Some leaks have damaged walls
2625	Ceilings (B)	11-08-2021	11-08-2021	2	5%	$14.92	$11,966		Some leaks have damaged ceiling
2626	Interior Doors/Hardware/Windows (	11-08-2021	11-08-2021	2	30%	$12.29	$59,139		Doors need refinished
2627	Floor Finishes (D)	11-08-2021	11-08-2021	2	60%	$8.53	$82,093		Showing increased wear
2628	Wall Finishes (E)	11-08-2021	11-08-2021	2	10%	$8.94	$14,340		Normal wear and tear

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: UM Western Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 11/8/2021
Building: Main Hall / Aud & Shop | **Gross Area:** 16,040 Sq Ft | **Report Renewal Cost:** $1,392,077
Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $309.54 | **Deficiency Ratio:** 28.0%
Const. Date: 1952 | **Replacement Cost:** $4,965,022

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$8,854***	***$283,748***	
2629	Fixed Seating/Risers (C)	11-08-2021	11-08-2021	2	40%	$1.38	$8,854		Older seating needs updated
System: HVAC System (7)						***Totals:***	***$229,051***	***$704,798***	
2630	Heating (A)	11-08-2021	11-08-2021	2	50%	$21.97	$176,199		Normal wear and tear - Steamed hotwater - Glycol system
2631	Ventilating (B)	11-08-2021	11-08-2021	2	50%	$6.59	$52,852		Normal wear and tear - AHU is 15 years old
System: Plumbing System (8)						***Totals:***	***$338,379***	***$743,775***	
2632	Supply Piping (B)	11-08-2021	11-08-2021	2	60%	$23.77	$228,762		Old galvanized pipe needs replaced
2633	Waste Piping (C)	11-08-2021	11-08-2021	2	60%	$11.39	$109,617		Cast iron pipes need replaced
System: Electrical System (9)						***Totals:***	***$337,160***	***$690,201***	
2634	Lighting (B)	11-08-2021	11-08-2021	5	100%	$11.36	$182,214		Change to LEDs
2635	Voice/Data (D)	11-08-2021	11-08-2021	2	100%	$9.66	$154,946		Aged out
System: Conveying (10)						***Totals:***	***$56,862***	***$113,724***	
2636	Elevator/Lift (A)	11-08-2021	11-08-2021	2	50%	$7.09	$56,862		Based on 30 year lifespan

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Western Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 11/8/2021

Building: Main Hall / Old Library | **Gross Area:** 19,292 Sq Ft | **Report Renewal Cost:** $1,350,799

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $292.77 | **Deficiency Ratio:** 23.9%

Const. Date: 1924 | **Replacement Cost:** $5,648,119

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$20,141***	***$152,600***	
2592	Footings/Foundation Walls (A)	11-08-2021	11-08-2021	2	20%	$5.22	$20,141		Ground water flooded into past summer - Some water penetrates normally
System: Envelope (2)						***Totals:***	***$129,990***	***$492,332***	
2593	Exterior Walls (A)	11-08-2021	11-08-2021	2	20%	$6.92	$26,700		Needs tuck pointing - Walls have some damage
2594	Exterior Windows (B)	11-08-2021	11-08-2021	2	50%	$7.99	$77,072		Windows retrofitted
2595	Exterior Doors/Hatches (C)	11-08-2021	11-08-2021	2	30%	$1.49	$8,624		Oak doors have wear and tear
2596	Interior Columns/Beams (D)	11-08-2021	11-08-2021	2	10%	$9.12	$17,594		Original wood beams settling
System: Floor System (3)						***Totals:***	***$105,479***	***$608,663***	
2597	Floor Structure (A)	11-08-2021	11-08-2021	2	15%	$24.20	$70,030		Wood frame is settling and creaking
2598	Stair Treads/Risers (B)	11-08-2021	11-08-2021	2	25%	$7.35	$35,449		Wood treads are damaged
System: Roof System (4)						***Totals:***	***$66,712***	***$190,798***	
2599	Covering (B)	11-08-2021	11-08-2021	2	70%	$4.94	$66,712		Wear and tear - Asphalt Shingles
System: Finishes (5)						***Totals:***	***$196,297***	***$1,282,725***	
2600	Interior Wall Systems (A)	11-08-2021	11-08-2021	2	5%	$18.56	$17,903		Normal wear and tear
2601	Ceilings (B)	11-08-2021	11-08-2021	2	5%	$16.42	$15,839		Normal wear and tear
2602	Interior Doors/Hardware/Windows (	11-08-2021	11-08-2021	2	30%	$12.29	$71,130		First floor needs replaced - Second floor is only 3-4 years old
2603	Floor Finishes (D)	11-08-2021	11-08-2021	2	40%	$9.39	$72,461		Normal wear and tear
2604	Wall Finishes (E)	11-08-2021	11-08-2021	2	10%	$9.83	$18,964		Normal wear and tear

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Western Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 11/8/2021

Building: Main Hall / Old Library | **Gross Area:** 19,292 Sq Ft | **Report Renewal Cost:** $1,350,799

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $292.77 | **Deficiency Ratio:** 23.9%

Const. Date: 1924 | **Replacement Cost:** $5,648,119

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$19,967***	***$327,964***	
2605	Toilet Partitions (A)	11-08-2021	11-08-2021	2	50%	$2.07	$19,967		Partitions are in rough shape
System: HVAC System (7)						***Totals:***	***$42,915***	***$582,811***	
2606	Heating (A)	11-08-2021	11-08-2021	2	15%	$13.18	$38,140		Normal wear and tear - Steam to hot water
2607	Ventilating (B)	11-08-2021	11-08-2021	2	15%	$1.65	$4,775		Normal wear and tear - AHU replaced 5 years ago
System: Plumbing System (8)						***Totals:***	***$408,924***	***$781,133***	
2608	Fixtures (A)	11-08-2021	11-08-2021	2	25%	$8.85	$42,684		Some fixtures in rough shape
2609	Supply Piping (B)	11-08-2021	11-08-2021	2	60%	$21.39	$247,594		Old galvanized pipes need replaced
2610	Waste Piping (C)	11-08-2021	11-08-2021	2	60%	$10.25	$118,646		Cast iron pipes need replaced
System: Electrical System (9)						***Totals:***	***$360,374***	***$755,282***	
2611	Lighting (B)	11-08-2021	11-08-2021	5	100%	$10.10	$194,849		Change to LEDs
2612	Voice/Data (D)	11-08-2021	11-08-2021	2	100%	$8.58	$165,525		Aged out

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Western Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 11/8/2021

Building: Old Main Hall | **Gross Area:** 76,626 Sq Ft | **Report Renewal Cost:** $4,781,807

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $232.28 | **Deficiency Ratio:** 26.9%

Const. Date: 1896 | **Replacement Cost:** $17,798,687

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$112,410***	***$480,445***	
2564	Footings/Foundation Walls (A)	11-08-2021	11-08-2021	2	20%	$4.14	$63,446		No waterproofing - Sandstone and mortar failing
2565	Exterior Steps/Retaining Walls (B)	11-08-2021	11-08-2021	2	30%	$2.13	$48,964		Steps leaking - Showing damage - Settling
System: Envelope (2)						***Totals:***	***$451,634***	***$1,551,677***	
2567	Exterior Walls (A)	11-08-2021	11-08-2021	2	30%	$5.49	$126,203		Brick needs tuckpointed
2568	Exterior Windows (B)	11-08-2021	11-08-2021	2	50%	$6.34	$242,904		Wear and tear due to age - Wood casement - .5" insulated glass changed out
2569	Exterior Doors/Hatches (C)	11-08-2021	11-08-2021	2	30%	$1.18	$27,126		Doors need to be refinished - Old hardware - Original oak doors are sunfaded
2570	Interior Columns/Beams (D)	11-08-2021	11-08-2021	2	10%	$7.23	$55,401		Wear and tear on original wood beams
System: Floor System (3)						***Totals:***	***$377,038***	***$1,917,949***	
2571	Floor Structure (A)	11-08-2021	11-08-2021	2	15%	$19.20	$220,683		Original wood frame - wood beams settling and creaking
2572	Stair Treads/Risers (B)	11-08-2021	11-08-2021	2	35%	$5.83	$156,355		Wood - Tread/cover showing wear - Lots of creaking
System: Roof System (4)						***Totals:***	***$242,445***	***$601,514***	
2573	Structure (A)	11-08-2021	11-08-2021	1	20%	$2.10	$32,183		There are holes where bats are entering through the soffits or ridge
2574	Covering (B)	11-08-2021	11-08-2021	2	70%	$3.92	$210,262		Gutters continually back up - Ashphalt shingles are showing wear

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Western Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 11/8/2021

Building: Old Main Hall | **Gross Area:** 76,626 Sq Ft | **Report Renewal Cost:** $4,781,807

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $232.28 | **Deficiency Ratio:** 26.9%

Const. Date: 1896 | **Replacement Cost:** $17,798,687

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$625,344***	***$4,042,022***	
2575	Interior Wall Systems (A)	11-08-2021	11-08-2021	2	10%	$14.73	$112,870		Plaster has some water leak damage
2576	Ceilings (B)	11-08-2021	11-08-2021	2	15%	$13.02	$149,651		Some cracks and water leak damage - Plaster
2577	Interior Doors/Hardware/Windows (	11-08-2021	11-08-2021	2	10%	$9.75	$74,710		Hardware needs replaced - Oak doors need refinished
2578	Floor Finishes (D)	11-08-2021	11-08-2021	2	40%	$7.45	$228,345		Wear and tear due to age - Tile, carpet, and wood
2579	Wall Finishes (E)	11-08-2021	11-08-2021	2	10%	$7.80	$59,768		Normal wear and tear - paintin needs retouched
System: Specialties (6)						***Totals:***	***$128,349***	***$1,033,685***	
2580	Toilet Partitions (A)	11-08-2021	11-08-2021	2	10%	$1.64	$12,567		All were replaced in remodel 15 years ago
2581	Fixed Seating/Risers (C)	11-08-2021	11-08-2021	2	50%	$0.99	$37,930		Has old hardware and seats may need a size change
2582	Chalk/Tack/Whiteboards/Cabinets (	11-08-2021	11-08-2021	2	10%	$10.16	$77,852		Normal wear and tear
System: Plumbing System (8)						***Totals:***	***$1,234,675***	***$2,461,993***	
2583	Fixtures (A)	11-08-2021	11-08-2021	2	15%	$7.02	$80,687		Normal wear and tear
2584	Supply Piping (B)	11-08-2021	11-08-2021	2	60%	$16.97	$780,206		Supply piping is old galvanized pipe and needs replaced
2585	Waste Piping (C)	11-08-2021	11-08-2021	2	60%	$8.13	$373,782		Cast iron pipe - Needs replaced
System: Electrical System (9)						***Totals:***	***$1,135,597***	***$2,380,004***	
2586	Lighting (B)	11-08-2021	11-08-2021	5	100%	$8.01	$613,774		Change to LED
2587	Voice/Data (D)	11-08-2021	11-08-2021	2	100%	$6.81	$521,823		Aged out

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

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Site: UM Western Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 11/8/2021

Building: Old Main Hall | **Gross Area:** 76,626 Sq Ft | **Report Renewal Cost:** $4,781,807

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $232.28 | **Deficiency Ratio:** 26.9%

Const. Date: 1896 | **Replacement Cost:** $17,798,687

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Conveying (10)						***Totals:***	***$474,315***	***$474,315***	
2588	Elevator/Lift (A)	11-08-2021	11-08-2021	3	100%	$6.19	$474,315		All three elevators need replacement - Multiple entrapments and issues

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 11/17/2021

Building: Chancellor's Residence | **Gross Area:** 5,100 Sq Ft | **Report Renewal Cost:** $418,628

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $348.42 | **Deficiency Ratio:** 23.6%

Const. Date: 1936 | **Replacement Cost:** $1,776,942

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$9,588***	***$47,991***	
2047	Footings/Foundation Walls (A)	11-17-2021	11-17-2021	2	20%	$6.21	$6,334		Minor cracks in various locations
2048	Exterior Steps/Retaining Walls (B)	11-17-2021	11-17-2021	1	20%	$3.19	$3,254		Loose rock retaining walls - Damage and age
System: Envelope (2)						***Totals:***	***$47,813***	***$154,887***	
2049	Exterior Walls (A)	11-17-2021	11-17-2021	2	15%	$8.24	$6,304		Minor tuckpointing issues - Section of old shingle siding
2050	Exterior Windows (B)	11-17-2021	11-17-2021	2	80%	$9.51	$38,801		Old worn wood single pane windows - Stick at times
2051	Exterior Doors/Hatches (C)	11-17-2021	11-17-2021	2	30%	$1.77	$2,708		Worn hardware - Storm door issues
System: Roof System (4)						***Totals:***	***$35,547***	***$60,027***	
2052	Covering (B)	11-17-2021	11-17-2021	2	100%	$5.87	$29,937		Roof has had some damage, has out lived life expectancy - Scheduled for 2022
2053	Insulation (C)	11-17-2021	11-17-2021	2	40%	$2.75	$5,610		Protection breakdown due to age and wear and tear
System: Finishes (5)						***Totals:***	***$15,932***	***$403,563***	
2054	Ceilings (B)	11-17-2021	11-17-2021	2	10%	$19.54	$9,965		Cracks in entry ceiling
2055	Wall Finishes (E)	11-17-2021	11-17-2021	2	10%	$11.70	$5,967		Water damage from roof issues
System: Specialties (6)						***Totals:***	***$38,836***	***$103,224***	
2056	Chalk/Tack/Whiteboards/Cabinets (	11-17-2021	11-17-2021	2	50%	$15.23	$38,836		Cabinets in kitchen - Operational issues

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 11/17/2021

Building: Chancellor's Residence | **Gross Area:** 5,100 Sq Ft | **Report Renewal Cost:** $418,628

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $348.42 | **Deficiency Ratio:** 23.6%

Const. Date: 1936 | **Replacement Cost:** $1,776,942

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$36,669***	***$183,345***	
2057	Heating (A)	11-17-2021	11-17-2021	2	20%	$15.69	$16,004		Age of distribution piping
2058	Ventilating (B)	11-17-2021	11-17-2021	2	20%	$1.96	$1,999		Exhaust fans worn and dated
2059	Cooling (C)	11-17-2021	11-17-2021	2	20%	$18.30	$18,666		Window AC units - No central cooling equipment
System: Plumbing System (8)						***Totals:***	***$72,634***	***$245,769***	
2060	Supply Piping (B)	11-17-2021	11-17-2021	2	20%	$25.46	$25,969		Dated plumbing supply lines
2061	Waste Piping (C)	11-17-2021	11-17-2021	2	75%	$12.20	$46,665		Drain issues throughout house
System: Electrical System (9)						***Totals:***	***$156,723***	***$237,609***	
2062	Building Service (A)	11-17-2021	11-17-2021	2	50%	$9.68	$24,684		Need to convert to new panels and ensure incoming power to 200A
2063	Lighting (B)	11-17-2021	11-17-2021	5	100%	$12.01	$61,251		Conversion to LED
2064	Distribution (C)	11-17-2021	11-17-2021	2	25%	$14.68	$18,717		Need for additional outlets and some new receptacles
2065	Voice/Data (D)	11-17-2021	11-17-2021	2	100%	$10.21	$52,071		Aged out
System: Safety System (11)						***Totals:***	***$4,886***	***$101,796***	
2066	Egress (A)	11-17-2021	11-17-2021	3	20%	$4.79	$4,886		Limited egress to rear of house

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 11/9/2021

Building: Chemistry Building | **Gross Area:** 42,974 Sq Ft | **Report Renewal Cost:** $2,379,773

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $251.64 | **Deficiency Ratio:** 22.0%

Const. Date: 1921 | **Replacement Cost:** $10,813,977

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$24,538***	***$292,223***	
1848	Footings/Foundation Walls (A)	11-09-2021	11-09-2021	2	5%	$4.49	$9,648		Structurally sound
1849	Exterior Steps/Retaining Walls (B)	11-09-2021	11-09-2021	2	15%	$2.31	$14,890		Has been tuck pointed recently
System: Envelope (2)						***Totals:***	***$41,299***	***$942,420***	
1850	Exterior Walls (A)	11-09-2021	11-09-2021	2	5%	$5.95	$12,785		Brick exterior - Needs tuck pointed in a couple places
1851	Exterior Windows (B)	11-09-2021	11-09-2021	2	5%	$6.87	$14,762		Has been replaced to aluminum
1852	Exterior Doors/Hatches (C)	11-09-2021	11-09-2021	2	25%	$1.28	$13,752		Exterior doors are in rough shape
System: Floor System (3)						***Totals:***	***$40,675***	***$1,165,025***	
1855	Stair Treads/Risers (B)	11-09-2021	11-09-2021	2	15%	$6.31	$40,675		Upper stair not finished - Some damage on main staircase
System: Finishes (5)						***Totals:***	***$327,892***	***$2,455,964***	
1860	Ceilings (B)	11-09-2021	11-09-2021	2	5%	$14.11	$30,318		Some small leaks
1861	Interior Doors/Hardware/Windows (	11-09-2021	11-09-2021	2	15%	$10.56	$68,071		Hardware needs replaced
1862	Floor Finishes (D)	11-09-2021	11-09-2021	2	40%	$8.07	$138,720		Sheet linoleum - Carpet needs replaced
1863	Wall Finishes (E)	11-09-2021	11-09-2021	2	25%	$8.45	$90,783		Needs repainted
System: Specialties (6)						***Totals:***	***$25,935***	***$628,280***	
1866	Fixed Seating/Risers (C)	11-09-2021	11-09-2021	2	5%	$1.07	$2,299		Some fixed tables
1867	Chalk/Tack/Whiteboards/Cabinets (	11-09-2021	11-09-2021	2	5%	$11.00	$23,636		Whiteboards are good - Cabinets are good

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 11/9/2021

Building: Chemistry Building | **Gross Area:** 42,974 Sq Ft | **Report Renewal Cost:** $2,379,773

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $251.64 | **Deficiency Ratio:** 22.0%

Const. Date: 1921 | **Replacement Cost:** $10,813,977

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$446,414***	***$1,116,035***	
1868	Heating (A)	11-09-2021	11-09-2021	2	40%	$11.33	$194,758		Units updated in 1996
1869	Ventilating (B)	11-09-2021	11-09-2021	2	40%	$1.42	$24,409		Units updated in 1996
1870	Cooling (C)	11-09-2021	11-09-2021	2	40%	$13.22	$227,247		Units updated in 1996
System: Plumbing System (8)						***Totals:***	***$448,778***	***$1,495,495***	
1871	Fixtures (A)	11-09-2021	11-09-2021	2	30%	$7.61	$98,110		Normal wear
1872	Supply Piping (B)	11-09-2021	11-09-2021	2	30%	$18.39	$237,088		Normal wear
1873	Waste Piping (C)	11-09-2021	11-09-2021	2	30%	$8.81	$113,580		Normal wear
System: Electrical System (9)						***Totals:***	***$690,162***	***$1,446,075***	
1875	Lighting (B)	11-09-2021	11-09-2021	5	100%	$8.68	$373,014		Change to LEDs
1876	Voice/Data (D)	11-09-2021	11-09-2021	2	100%	$7.38	$317,148		Has been aged out
System: Conveying (10)						***Totals:***	***$201,548***	***$287,926***	
1877	Elevator/Lift (A)	11-09-2021	11-09-2021	1	70%	$6.70	$201,548		Significant problems - Multiple entrapments
System: Safety System (11)						***Totals:***	***$132,532***	***$619,685***	
1878	Exit/Emergency Lighting/Alarms (C	11-09-2021	11-09-2021	1	60%	$5.14	$132,532		Simplex system needs replaced - Alarms need replaced - Everything else was updated 5 yrs ago.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 11/9/2021

Building: Engineering Hall | **Gross Area:** 13,727 Sq Ft | **Report Renewal Cost:** $2,013,402

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $292.77 | **Deficiency Ratio:** 50.1%

Const. Date: 1923 | **Replacement Cost:** $4,018,854

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$39,699***	***$108,581***	
1882	Footings/Foundation Walls (A)	11-09-2021	11-09-2021	2	40%	$5.22	$28,662		Concrete Foundations - Plaster is coming off
1883	Exterior Steps/Retaining Walls (B)	11-09-2021	11-09-2021	2	30%	$2.68	$11,037		Concrete steps - Railing
System: Envelope (2)						***Totals:***	***$75,436***	***$350,313***	
1884	Exterior Walls (A)	11-09-2021	11-09-2021	2	30%	$6.92	$28,497		Sills are damaged - Brick has water damage
1885	Exterior Windows (B)	11-09-2021	11-09-2021	2	40%	$7.99	$43,871		Aluminum frames
1886	Exterior Doors/Hatches (C)	11-09-2021	11-09-2021	2	15%	$1.49	$3,068		Aluminum doors
System: Floor System (3)						***Totals:***	***$216,544***	***$433,087***	
1887	Floor Structure (A)	11-09-2021	11-09-2021	2	50%	$24.20	$166,097		Creaking floor - Timber framed
1888	Stair Treads/Risers (B)	11-09-2021	11-09-2021	2	50%	$7.35	$50,447		Is settling
System: Roof System (4)						***Totals:***	***$106,768***	***$135,760***	
1889	Structure (A)	11-09-2021	11-09-2021	2	20%	$2.64	$7,248		Wood structure
1890	Covering (B)	11-09-2021	11-09-2021	2	100%	$4.94	$67,811		Needs replacement - Shingles damaged - Soffit damaged
1891	Insulation (C)	11-09-2021	11-09-2021	3	100%	$2.31	$31,709		Unknown - Drafty

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 11/9/2021

Building: Engineering Hall | **Gross Area:** 13,727 Sq Ft | **Report Renewal Cost:** $2,013,402

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $292.77 | **Deficiency Ratio:** 50.1%

Const. Date: 1923 | **Replacement Cost:** $4,018,854

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$390,987***	***$912,708***	
1892	Interior Wall Systems (A)	11-09-2021	11-09-2021	2	20%	$18.56	$50,955		Some cracking - Visible water damage
1893	Ceilings (B)	11-09-2021	11-09-2021	2	30%	$16.42	$67,619		Some cracking - Visible water damage
1894	Interior Doors/Hardware/Windows (	11-09-2021	11-09-2021	2	60%	$12.29	$101,223		Needs replacement
1895	Floor Finishes (D)	11-09-2021	11-09-2021	2	70%	$9.39	$90,228		Carpet / VCT - Needs replaced
1896	Wall Finishes (E)	11-09-2021	11-09-2021	2	60%	$9.83	$80,962		Needs repainted
System: Specialties (6)						***Totals:***	***$47,208***	***$233,359***	
1897	Toilet Partitions (A)	11-09-2021	11-09-2021	2	100%	$2.07	$28,415		Partitions are too narrow
1898	Signage/Directories (B)	11-09-2021	11-09-2021	2	10%	$0.89	$1,222		-
1899	Chalk/Tack/Whiteboards/Cabinets (	11-09-2021	11-09-2021	2	10%	$12.80	$17,571		Some builtins - Whiteboards need replaced
System: HVAC System (7)						***Totals:***	***$149,295***	***$414,693***	
1900	Heating (A)	11-09-2021	11-09-2021	2	70%	$13.18	$126,645		Steam to radiator piping needs replaced
1901	Ventilating (B)	11-09-2021	11-09-2021	2	100%	$1.65	$22,650		Needs replaced
System: Plumbing System (8)						***Totals:***	***$468,941***	***$555,806***	
1902	Fixtures (A)	11-09-2021	11-09-2021	2	100%	$8.85	$121,484		Old and worn
1903	Supply Piping (B)	11-09-2021	11-09-2021	2	80%	$21.39	$234,896		Galvanized pipes
1904	Waste Piping (C)	11-09-2021	11-09-2021	2	80%	$10.25	$112,561		Cast iron waste piping

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 11/9/2021

Building: Engineering Hall | **Gross Area:** 13,727 Sq Ft | **Report Renewal Cost:** $2,013,402

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $292.77 | **Deficiency Ratio:** 50.1%

Const. Date: 1923 | **Replacement Cost:** $4,018,854

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$425,016***	***$537,412***	
1905	Building Service (A)	11-09-2021	11-09-2021	2	60%	$8.13	$66,960		-
1906	Lighting (B)	11-09-2021	11-09-2021	5	100%	$10.10	$138,643		Switch to LEDs
1907	Distribution (C)	11-09-2021	11-09-2021	2	60%	$12.34	$101,635		Needs to be branched better
1908	Voice/Data (D)	11-09-2021	11-09-2021	2	100%	$8.58	$117,778		Has been aged out
System: Safety System (11)						***Totals:***	***$93,508***	***$230,339***	
1909	Egress (A)	11-09-2021	11-09-2021	2	80%	$4.03	$44,256		Needs replaced
1910	Exit/Emergency Lighting/Alarms (C	11-09-2021	11-09-2021	2	60%	$5.98	$49,252		Alarm shares panel, has been upgraded in last 5 yrs - Honeywell system - Hornstrobe is good - need to change out lighting

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus
Building: Engineering Lab Classroom
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 1984

Area Correction: 0.98
Gross Area: 57,895 Sq Ft
Cost/Sq Ft: $291.27
Replacement Cost: $16,863,077

Last Audit Date: 11/12/2021
Report Renewal Cost: $4,301,832
Deficiency Ratio: 25.5%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$38,993***	***$464,318***	
1914	Footings/Foundation Walls (A)	11-12-2021	11-12-2021	2	5%	$6.93	$20,061		Minor deterioration
1915	Exterior Steps/Retaining Walls (B)	11-12-2021	11-12-2021	2	30%	$1.09	$18,932		Broken edges, cracks, and calcium deterioration
System: Envelope (2)						***Totals:***	***$141,785***	***$1,656,376***	
1916	Exterior Walls (A)	11-12-2021	11-12-2021	2	10%	$10.35	$59,921		Holes in brick - Needs re-caulking of expansion joints
1917	Exterior Windows (B)	11-12-2021	11-12-2021	2	15%	$4.32	$37,516		Thermal seal issues - Worn window mechanisms
1918	Exterior Doors/Hatches (C)	11-12-2021	11-12-2021	2	20%	$3.83	$44,348		Worn door hardware - Reliability issues
System: Floor System (3)						***Totals:***	***$272,425***	***$970,320***	
1919	Floor Structure (A)	11-12-2021	11-12-2021	1	5%	$10.81	$31,292		Crackin of concrete floor in some labs
1920	Stair Treads/Risers (B)	11-12-2021	11-12-2021	6	70%	$5.95	$241,133		Unfinished stairtreads - bare concrete
System: Roof System (4)						***Totals:***	***$128,556***	***$789,109***	
1921	Structure (A)	11-12-2021	11-12-2021	2	5%	$3.37	$9,755		Life expectancy of roof
1922	Covering (B)	11-12-2021	11-12-2021	2	20%	$6.67	$77,232		Life expectancy of roof
1923	Insulation (C)	11-12-2021	11-12-2021	5	20%	$3.59	$41,569		Life expectancy of roof - Insulation Properties

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 11/12/2021

Building: Engineering Lab Classroom | **Gross Area:** 57,895 Sq Ft | **Report Renewal Cost:** $4,301,832

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $291.27 | **Deficiency Ratio:** 25.5%

Const. Date: 1984 | **Replacement Cost:** $16,863,077

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$589,603***	***$3,307,541***	
1924	Interior Wall Systems (A)	11-12-2021	11-12-2021	2	5%	$21.44	$62,063		Minor damages in mechanical spaces
1925	Ceilings (B)	11-12-2021	11-12-2021	2	30%	$12.09	$209,985		Ceiling tiles - leaks from penthouse mechanical rooms
1926	Interior Doors/Hardware/Windows (	11-12-2021	11-12-2021	2	10%	$2.67	$15,458		Minor cosmetic damage - Worn aged hardware
1927	Floor Finishes (D)	11-12-2021	11-12-2021	2	30%	$10.30	$178,896		Worn sheet linoleum - Worn VCT - Carpet in lab areas
1928	Wall Finishes (E)	11-12-2021	11-12-2021	2	20%	$10.64	$123,201		Painting refresh needed
System: Specialties (6)						***Totals:***	***$123,230***	***$1,199,584***	
1929	Toilet Partitions (A)	11-12-2021	11-12-2021	2	60%	$2.24	$77,811		All 6 restrooms are dated
1930	Signage/Directories (B)	11-12-2021	11-12-2021	2	5%	$0.72	$2,084		Minor damage - Repairs needed
1931	Fixed Seating/Risers (C)	11-12-2021	11-12-2021	2	20%	$1.15	$13,316		Worn parts - Connection points
1932	Chalk/Tack/Whiteboards/Cabinets (	11-12-2021	11-12-2021	2	5%	$10.37	$30,019		Typical wear and tear
System: HVAC System (7)						***Totals:***	***$759,119***	***$2,259,642***	
1933	Heating (A)	11-12-2021	11-12-2021	2	20%	$17.80	$206,106		Heating control issues - Aged cabinet unit heaters
1934	Ventilating (B)	11-12-2021	11-12-2021	2	50%	$15.90	$460,265		Dated and worn air handling equipment
1935	Cooling (C)	11-12-2021	11-12-2021	2	30%	$5.34	$92,748		Inconsistencies - Breakdown of chiller and controls
System: Plumbing System (8)						***Totals:***	***$912,425***	***$3,751,596***	
1936	Fixtures (A)	11-12-2021	11-12-2021	2	40%	$14.00	$324,212		Worn and dated Lab and Restroom fixtures
1937	Supply Piping (B)	11-12-2021	11-12-2021	2	20%	$34.95	$404,686		Age of systems
1938	Waste Piping (C)	11-12-2021	11-12-2021	2	20%	$15.85	$183,527		Age of systems

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: UM MT Tech Main Campus
Building: Engineering Lab Classroom
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 1984

Area Correction: 0.98
Gross Area: 57,895 Sq Ft
Cost/Sq Ft: $291.27
Replacement Cost: $16,863,077

Last Audit Date: 11/12/2021
Report Renewal Cost: $4,301,832
Deficiency Ratio: 25.5%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$901,571***	***$1,522,060***	
1939	Lighting (B)	11-12-2021	11-12-2021	5	100%	$8.65	$500,792		Retrofit to LED
1940	Distribution (C)	11-12-2021	11-12-2021	3	25%	$10.57	$152,988		Some improvement in panel distribution/organization needed
1941	Voice/Data (D)	11-12-2021	11-12-2021	2	100%	$4.28	$247,791		Aged out
System: Conveying (10)						***Totals:***	***$99,695***	***$332,317***	
1942	Elevator/Lift (A)	11-12-2021	11-12-2021	2	30%	$5.74	$99,695		Dated and worn mechanisms and features
System: Safety System (11)						***Totals:***	***$334,430***	***$609,634***	
1943	Extinguishing System (B)	11-12-2021	11-12-2021	3	75%	$5.05	$219,277		Partially sprinkled basement labs, hallway
1944	Exit/Emergency Lighting/Alarms (C	11-12-2021	11-12-2021	3	90%	$2.21	$115,153		Old tritium exit signs - minimal emergency lighting

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.16 | **Last Audit Date:** 11/12/2021

Building: Health Science (Petroleum) | **Gross Area:** 21,946 Sq Ft | **Report Renewal Cost:** $950,932

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $296.75 | **Deficiency Ratio:** 14.6%

Const. Date: 1953 | **Replacement Cost:** $6,512,476

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$18,073***	***$138,040***	
1948	Footings/Foundation Walls (A)	11-12-2021	11-12-2021	2	10%	$5.01	$10,995		Some deterioration of concrete footings
1949	Exterior Steps/Retaining Walls (B)	11-12-2021	11-12-2021	2	25%	$1.29	$7,078		Broken concrete - Deterioration - Exposed rebar
System: Envelope (2)						***Totals:***	***$10,391***	***$541,627***	
1950	Exterior Walls (A)	11-12-2021	11-12-2021	2	5%	$6.63	$7,275		Some tuckpointing issues
1951	Exterior Doors/Hatches (C)	11-12-2021	11-12-2021	2	10%	$1.42	$3,116		Wear and tear on door hardware
System: Floor System (3)						***Totals:***	***$46,350***	***$663,647***	
1952	Stair Treads/Risers (B)	11-12-2021	11-12-2021	1	30%	$7.04	$46,350		Tread nosings splitting - Wearing out
System: Roof System (4)						***Totals:***	***$11,796***	***$194,442***	
1953	Structure (A)	11-12-2021	11-12-2021	2	5%	$2.53	$2,776		Potential minor damgeto areas of underlayment
1954	Covering (B)	11-12-2021	11-12-2021	2	10%	$4.11	$9,020		Some asphalt shingle damage
System: Finishes (5)						***Totals:***	***$22,330***	***$1,295,253***	
1955	Interior Doors/Hardware/Windows (	11-12-2021	11-12-2021	6	5%	$11.78	$12,926		Some cosmetic damage
1956	Wall Finishes (E)	11-12-2021	11-12-2021	6	5%	$8.57	$9,404		Some cosmetic damage
System: Specialties (6)						***Totals:***	***$3,830***	***$372,204***	
1957	Signage/Directories (B)	11-12-2021	11-12-2021	2	5%	$0.85	$933		Minor signage damage and issues
1958	Fixed Seating/Risers (C)	11-12-2021	11-12-2021	2	10%	$1.32	$2,897		Some wear and tear - one classroom

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.16 | **Last Audit Date:** 11/12/2021

Building: Health Science (Petroleum) | **Gross Area:** 21,946 Sq Ft | **Report Renewal Cost:** $950,932

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $296.75 | **Deficiency Ratio:** 14.6%

Const. Date: 1953 | **Replacement Cost:** $6,512,476

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$97,045***	***$924,585***	
1959	Cooling (C)	11-12-2021	11-12-2021	2	30%	$14.74	$97,045		Have had multiple issues with chiller during cooling seasons
System: Plumbing System (8)						***Totals:***	***$73,980***	***$975,500***	
1960	Supply Piping (B)	11-12-2021	11-12-2021	2	10%	$22.79	$50,015		Age - Deterioration of lines
1961	Waste Piping (C)	11-12-2021	11-12-2021	2	10%	$10.92	$23,965		Age - Deterioration of lines
System: Electrical System (9)						***Totals:***	***$442,212***	***$905,273***	
1962	Lighting (B)	11-12-2021	11-12-2021	5	100%	$10.89	$238,992		Upgrade to LEDs
1963	Voice/Data (D)	11-12-2021	11-12-2021	2	100%	$9.26	$203,220		Aged out
System: Conveying (10)						***Totals:***	***$44,770***	***$149,233***	
1964	Elevator/Lift (A)	11-12-2021	11-12-2021	3	30%	$6.80	$44,770		Elevator components - Control Board Failures
System: Safety System (11)						***Totals:***	***$180,155***	***$352,892***	
1965	Extinguishing System (B)	11-12-2021	11-12-2021	3	100%	$6.49	$142,430		Building not sprinkled
1966	Exit/Emergency Lighting/Alarms (C	11-12-2021	11-12-2021	3	30%	$5.73	$37,725		Emergency ligt fixture (Standalone) not present

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 11/17/2021

Building: Heating Plant Bldg | **Gross Area:** 11,037 Sq Ft | **Report Renewal Cost:** $532,601

Building Type/ Age Class: Central Heating Facilities (7B) | **Cost/Sq Ft:** $175.86 | **Deficiency Ratio:** 27.4%

Const. Date: 1969 | **Replacement Cost:** $1,940,967

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$13,012***	***$106,617***	
2069	Footings/Foundation Walls (A)	11-17-2021	11-17-2021	2	10%	$8.24	$9,094		Minor cracks in foundation walls
2070	Exterior Steps/Retaining Walls (B)	11-17-2021	11-17-2021	2	25%	$1.42	$3,918		Cracks in retaining walls and on stairs
System: Envelope (2)						***Totals:***	***$128,802***	***$446,888***	
2071	Exterior Walls (A)	11-17-2021	11-17-2021	2	35%	$24.92	$96,265		Plaster damage prominent - Cracks and minor tuckpointing
2072	Exterior Windows (B)	11-17-2021	11-17-2021	2	80%	$0.50	$4,415		Old metal frames - Windows are single pane
2073	Exterior Doors/Hatches (C)	11-17-2021	11-17-2021	2	50%	$2.60	$14,348		Old wood garage and shop doors
2074	Interior Columns/Beams (D)	11-17-2021	11-17-2021	2	10%	$12.48	$13,774		Minor wear due to age and loads
System: Floor System (3)						***Totals:***	***$44,457***	***$397,111***	
2075	Floor Structure (A)	11-17-2021	11-17-2021	2	10%	$33.83	$37,338		Cracks in concrete floors
2076	Stair Treads/Risers (B)	11-17-2021	11-17-2021	2	30%	$2.15	$7,119		Dated, worn wood stair treads and risers
System: Roof System (4)						***Totals:***	***$28,012***	***$183,656***	
2077	Covering (B)	11-17-2021	11-17-2021	2	20%	$8.25	$18,211		Flexing and stretching of roof membrane
2078	Insulation (C)	11-17-2021	11-17-2021	2	20%	$4.44	$9,801		Insulation effectiveness, due to age
System: Finishes (5)						***Totals:***	***$8,587***	***$96,794***	
2079	Ceilings (B)	11-17-2021	11-17-2021	2	10%	$1.59	$1,755		Damaer around ceiling penetrations - Concrete ceilings
2080	Interior Doors/Hardware/Windows (	11-17-2021	11-17-2021	2	30%	$0.54	$1,788		Old wood doors - Dated and worn hardware
2081	Floor Finishes (D)	11-17-2021	11-17-2021	2	10%	$4.57	$5,044		Concrete floors - Minor damage and paint stains

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 11/17/2021

Building: Heating Plant Bldg | **Gross Area:** 11,037 Sq Ft | **Report Renewal Cost:** $532,601

Building Type/ Age Class: Central Heating Facilities (7B) | **Cost/Sq Ft:** $175.86 | **Deficiency Ratio:** 27.4%

Const. Date: 1969 | **Replacement Cost:** $1,940,967

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$5,055***	***$29,690***	
2082	Signage/Directories (B)	11-17-2021	11-17-2021	6	20%	$0.94	$2,075		Minimal handmade signage in place
2083	Chalk/Tack/Whiteboards/Cabinets (	11-17-2021	11-17-2021	2	20%	$1.35	$2,980		Minimal boards - Old worn cabinets in shops
System: HVAC System (7)						***Totals:***	***$33,762***	***$146,792***	
2084	Heating (A)	11-17-2021	11-17-2021	2	30%	$6.65	$22,019		Steam boilers - Needing repairs more frequently - 21-51yrs old
2085	Ventilating (B)	11-17-2021	11-17-2021	2	20%	$5.32	$11,743		Due to age and wear and tear of exhaust systems
System: Plumbing System (8)						***Totals:***	***$41,201***	***$99,333***	
2086	Fixtures (A)	11-17-2021	11-17-2021	2	50%	$1.33	$7,340		Old worn fixtures
2087	Supply Piping (B)	11-17-2021	11-17-2021	2	40%	$2.03	$8,962		Dated worn water supply lines
2088	Waste Piping (C)	11-17-2021	11-17-2021	2	40%	$5.64	$24,899		Dated worn waste drain lines
System: Electrical System (9)						***Totals:***	***$76,354***	***$150,214***	
2089	Lighting (B)	11-17-2021	11-17-2021	5	100%	$5.56	$61,366		LED upgrade
2090	Distribution (C)	11-17-2021	11-17-2021	2	20%	$6.79	$14,988		Dated receptacles and wiring
System: Safety System (11)						***Totals:***	***$153,359***	***$217,098***	
2092	Extinguishing System (B)	11-17-2021	11-17-2021	3	100%	$9.29	$102,534		No existing system
2093	Exit/Emergency Lighting/Alarms (C	11-17-2021	11-17-2021	3	75%	$6.14	$50,825		Missing exit signs - No emergency lighting

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 11/29/2021

Building: Highlands Allied Trades Bldg | **Gross Area:** 5,000 Sq Ft | **Report Renewal Cost:** $358,800

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $427.98 | **Deficiency Ratio:** 16.8%

Const. Date: 2013 | **Replacement Cost:** $2,139,900

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$1,408***	***$210,200***	
2219	Exterior Doors/Hatches (C)	11-29-2021	11-29-2021	2	5%	$5.63	$1,408		Door hardware - Wear and tear
System: Floor System (3)						***Totals:***	***$25,822***	***$123,150***	
2220	Floor Structure (A)	11-29-2021	11-29-2021	2	5%	$15.89	$3,972		Cracks in slabs
2221	Stair Treads/Risers (B)	11-29-2021	11-29-2021	3	50%	$8.74	$21,850		Build to code? Wooden
System: Roof System (4)						***Totals:***	***$7,920***	***$100,150***	
2222	Insulation (C)	11-29-2021	11-29-2021	3	30%	$5.28	$7,920		Spray on insulation
System: Finishes (5)						***Totals:***	***$84,090***	***$419,750***	
2223	Ceilings (B)	11-29-2021	11-29-2021	2	5%	$17.76	$4,440		Wear and tear - Stained tiles
2224	Interior Doors/Hardware/Windows (	11-29-2021	11-29-2021	2	10%	$3.92	$1,960		Wear and tear - Wood doors and hardware
2225	Floor Finishes (D)	11-29-2021	11-29-2021	2	20%	$15.13	$15,130		Carpet worn in some spaces
2226	Wall Finishes (E)	11-29-2021	11-29-2021	6	80%	$15.64	$62,560		Covering - not completed, finished
System: Specialties (6)						***Totals:***	***$4,240***	***$152,200***	
2227	Signage/Directories (B)	11-29-2021	11-29-2021	6	80%	$1.06	$4,240		Missing at most rooms
System: HVAC System (7)						***Totals:***	***$123,750***	***$286,750***	
2229	Heating (A)	11-29-2021	11-29-2021	2	20%	$26.15	$26,150		Wear and tear - Shop heaters
2230	Ventilating (B)	11-29-2021	11-29-2021	3	50%	$23.36	$58,400		Exhaust fans to code?
2231	Cooling (C)	11-29-2021	11-29-2021	4	100%	$7.84	$39,200		Not air conditioned

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1
☑ 2
☑ 3
☑ 4
☑ 5
☑ 6
☐ 7

Site: UM MT Tech Main Campus
Building: Highlands Allied Trades Bldg
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 2013

Area Correction: 1.44
Gross Area: 5,000 Sq Ft
Cost/Sq Ft: $427.98
Replacement Cost: $2,139,900

Last Audit Date: 11/29/2021
Report Renewal Cost: $358,800
Deficiency Ratio: 16.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$11,645***	***$476,100***	
2232	Waste Piping (C)	11-29-2021	11-29-2021	2	10%	$23.29	$11,645		Wear and tear to waste and drain lines
System: Electrical System (9)						***Totals:***	***$95,050***	***$193,150***	
2233	Lighting (B)	11-29-2021	11-29-2021	5	100%	$12.71	$63,550		LED upgrade
2234	Voice/Data (D)	11-29-2021	11-29-2021	2	100%	$6.30	$31,500		Aged out
System: Safety System (11)						***Totals:***	***$4,875***	***$77,350***	
2235	Exit/Emergency Lighting/Alarms (C	11-29-2021	11-29-2021	3	30%	$3.25	$4,875		More need outside rooms and on 2nd level

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 11/29/2021

Building: Highlands COT | **Gross Area:** 94,009 Sq Ft | **Report Renewal Cost:** $6,556,705

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $285.32 | **Deficiency Ratio:** 24.4%

Const. Date: 1983 | **Replacement Cost:** $26,822,648

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$103,692***	***$737,971***	
2238	Footings/Foundation Walls (A)	11-29-2021	11-29-2021	2	10%	$6.79	$63,832		Small cracks around foundation walls - 1 corner in Weldng shop bad
2239	Exterior Steps/Retaining Walls (B)	11-29-2021	11-29-2021	2	40%	$1.06	$39,860		Cracks - Deterioration - Broken edges
System: Envelope (2)						***Totals:***	***$479,728***	***$2,635,072***	
2240	Exterior Walls (A)	11-29-2021	11-29-2021	2	10%	$10.14	$95,325		Some tuckpointing - Expansion joint caulking issues
2241	Exterior Windows (B)	11-29-2021	11-29-2021	2	70%	$4.23	$278,361		Older double pane, aluminum windows - Many in bad shape
2242	Exterior Doors/Hatches (C)	11-29-2021	11-29-2021	2	30%	$3.76	$106,042		Wear and tear on door hardware and door finishes
System: Floor System (3)						***Totals:***	***$49,778***	***$1,543,628***	
2243	Floor Structure (A)	11-29-2021	11-29-2021	2	5%	$10.59	$49,778		Wear and tear - Some cracking
System: Roof System (4)						***Totals:***	***$463,464***	***$1,255,960***	
2244	Covering (B)	11-29-2021	11-29-2021	2	70%	$6.54	$430,373		Outlived life expectancy - Gutter and downspout issues
2245	Insulation (C)	11-29-2021	11-29-2021	2	10%	$3.52	$33,091		Wear and tear - Effectiveness due to leaks
System: Finishes (5)						***Totals:***	***$707,981***	***$5,261,684***	
2246	Ceilings (B)	11-29-2021	11-29-2021	2	5%	$11.84	$55,653		Ceiling tile wear - Stains
2247	Interior Doors/Hardware/Windows (	11-29-2021	11-29-2021	2	30%	$2.61	$73,609		Age of wood doors - Damage - Hardware
2248	Floor Finishes (D)	11-29-2021	11-29-2021	2	30%	$10.09	$284,565		Wear and tear of carpet tile - Floor tile
2249	Wall Finishes (E)	11-29-2021	11-29-2021	6	30%	$10.43	$294,154		Painting refreshes

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 11/29/2021
Building: Highlands COT | **Gross Area:** 94,009 Sq Ft | **Report Renewal Cost:** $6,556,705
Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $285.32 | **Deficiency Ratio:** 24.4%
Const. Date: 1983 | **Replacement Cost:** $26,822,648

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$205,128***	***$1,908,383***	
2250	Toilet Partitions (A)	11-29-2021	11-29-2021	2	50%	$2.19	$102,940		Dated - Dents - Hardware
2251	Signage/Directories (B)	11-29-2021	11-29-2021	2	10%	$0.71	$6,675		Missing or damaged
2253	Chalk/Tack/Whiteboards/Cabinets (	11-29-2021	11-29-2021	2	10%	$10.16	$95,513		Normal wear and tear
System: HVAC System (7)						***Totals:***	***$866,293***	***$3,593,964***	
2254	Heating (A)	11-29-2021	11-29-2021	2	20%	$17.43	$327,715		Dated AHU - Distrubution and controls
2255	Ventilating (B)	11-29-2021	11-29-2021	2	20%	$15.57	$292,744		Dated AHU - Distrubution and controls
2256	Cooling (C)	11-29-2021	11-29-2021	4	50%	$5.23	$245,834		Lack of cooling to all spaces - Reliabillity
System: Plumbing System (8)						***Totals:***	***$1,630,022***	***$5,967,691***	
2257	Fixtures (A)	11-29-2021	11-29-2021	2	80%	$13.71	$1,031,091		Dated toilet, sinks, fixtures
2258	Supply Piping (B)	11-29-2021	11-29-2021	2	5%	$34.24	$160,943		Normal wear and tear
2259	Waste Piping (C)	11-29-2021	11-29-2021	2	30%	$15.53	$437,988		Drain line issues, backups, wear and tear
System: Electrical System (9)						***Totals:***	***$1,483,274***	***$2,421,672***	
2260	Lighting (B)	11-29-2021	11-29-2021	5	100%	$8.47	$796,256		LED upgrade
2261	Distribution (C)	11-29-2021	11-29-2021	2	30%	$10.36	$292,180		Panel distribution challenges
2262	Voice/Data (D)	11-29-2021	11-29-2021	2	100%	$4.20	$394,838		Aged out
System: Safety System (11)						***Totals:***	***$567,345***	***$970,173***	
2263	Extinguishing System (B)	11-29-2021	11-29-2021	3	100%	$4.95	$465,345		Not sprinkled
2264	Exit/Emergency Lighting/Alarms (C	11-29-2021	11-29-2021	2	50%	$2.17	$102,000		Dated exit signs - Emergency spot light in ceiling tile

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 11/17/2021

Building: Library and Auditorium Bldg | **Gross Area:** 39,013 Sq Ft | **Report Renewal Cost:** $2,825,867

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $318.88 | **Deficiency Ratio:** 22.7%

Const. Date: 1977 | **Replacement Cost:** $12,440,465

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$32,147***	***$344,485***	
2097	Footings/Foundation Walls (A)	11-17-2021	11-17-2021	2	10%	$7.64	$29,806		Minor cracks - Broken plaster around foundation
2098	Exterior Steps/Retaining Walls (B)	11-17-2021	11-17-2021	2	5%	$1.20	$2,341		Some minor crack issues
System: Envelope (2)						***Totals:***	***$170,935***	***$1,230,080***	
2099	Exterior Walls (A)	11-17-2021	11-17-2021	2	5%	$11.41	$22,257		Some minor brick damage - Tuckpointing issues
2100	Exterior Windows (B)	11-17-2021	11-17-2021	5	30%	$4.76	$55,711		Thermoseal issues on double pane windows with aluminum frames
2101	Exterior Doors/Hatches (C)	11-17-2021	11-17-2021	2	30%	$4.23	$49,507		Wear and tear - Old door hardware
2102	Interior Columns/Beams (D)	11-17-2021	11-17-2021	1	10%	$11.14	$43,460		Structural cracking of corner - Interior wall columns
System: Floor System (3)						***Totals:***	***$12,796***	***$720,570***	
2103	Stair Treads/Risers (B)	11-17-2021	11-17-2021	2	5%	$6.56	$12,796		Minor issues with terrazo and concrete treads
System: Roof System (4)						***Totals:***	***$7,237***	***$586,365***	
2104	Structure (A)	11-17-2021	11-17-2021	2	5%	$3.71	$7,237		Due to age of structure
System: Finishes (5)						***Totals:***	***$311,129***	***$2,456,258***	
2105	Interior Wall Systems (A)	11-17-2021	11-17-2021	1	20%	$23.63	$184,375		Structural crack - Brick corner column, both floors
2106	Ceilings (B)	11-17-2021	11-17-2021	2	5%	$13.32	$25,983		Minor damage to texture - Concrete ceilings
2107	Interior Doors/Hardware/Windows (	11-17-2021	11-17-2021	2	10%	$2.94	$11,470		Age - Wear on door hardware
2108	Floor Finishes (D)	11-17-2021	11-17-2021	2	15%	$11.35	$66,420		Some VCT floors - Dated
2109	Wall Finishes (E)	11-17-2021	11-17-2021	6	5%	$11.73	$22,881		Minor paint refreshing needed

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus
Building: Library and Auditorium Bldg
Building Type/ Age Class: Teaching/Research Labs (4B)
Const. Date: 1977

Area Correction: 1.08
Gross Area: 39,013 Sq Ft
Cost/Sq Ft: $318.88
Replacement Cost: $12,440,465

Last Audit Date: 11/17/2021
Report Renewal Cost: $2,825,867
Deficiency Ratio: 22.7%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$47,206***	***$939,823***	
2110	Toilet Partitions (A)	11-17-2021	11-17-2021	2	50%	$2.34	$45,645		Older dated partitions with mounting holes
2111	Signage/Directories (B)	11-17-2021	11-17-2021	2	5%	$0.80	$1,561		Minor signage repairs
System: HVAC System (7)						***Totals:***	***$724,159***	***$1,677,949***	
2112	Heating (A)	11-17-2021	11-17-2021	2	20%	$19.61	$153,009		Dated steam piping, heat coils, and valves
2113	Ventilating (B)	11-17-2021	11-17-2021	2	50%	$17.52	$341,754		Age, wear and tear on AHU systems and exhaust fans
2114	Cooling (C)	11-17-2021	11-17-2021	4	100%	$5.88	$229,396		No current cooling, AC system
System: Plumbing System (8)						***Totals:***	***$551,253***	***$2,755,878***	
2115	Fixtures (A)	11-17-2021	11-17-2021	2	20%	$14.66	$114,386		Age of fixtures - Wear and tear
2116	Supply Piping (B)	11-17-2021	11-17-2021	2	20%	$38.52	$300,556		Age of supply piping - Wear and tear
2117	Waste Piping (C)	11-17-2021	11-17-2021	2	20%	$17.47	$136,311		Age of waste piping - Wear and tear
System: Electrical System (9)						***Totals:***	***$664,236***	***$1,029,163***	
2118	Lighting (B)	11-17-2021	11-17-2021	5	100%	$8.58	$334,732		LED upgrade
2119	Distribution (C)	11-17-2021	11-17-2021	2	40%	$10.49	$163,699		Distribution cleanup
2120	Voice/Data (D)	11-17-2021	11-17-2021	2	100%	$4.25	$165,805		Aged out
System: Conveying (10)						***Totals:***	***$49,390***	***$246,952***	
2121	Elevator/Lift (A)	11-17-2021	11-17-2021	2	20%	$6.33	$49,390		Age, wear and tear of elevator components

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

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Site: UM MT Tech Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 11/17/2021

Building: Library and Auditorium Bldg | **Gross Area:** 39,013 Sq Ft | **Report Renewal Cost:** $2,825,867

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $318.88 | **Deficiency Ratio:** 22.7%

Const. Date: 1977 | **Replacement Cost:** $12,440,465

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	***$255,379***	***$452,551***	
2122	Extinguishing System (B)	11-17-2021	11-17-2021	3	100%	$5.57	$217,302		Currently unsprinkled building
2123	Exit/Emergency Lighting/Alarms (C	11-17-2021	11-17-2021	3	40%	$2.44	$38,077		Some old tritium exit signs - Some old outdated emergency lights

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 11/9/2021

Building: Main Hall | **Gross Area:** 38,083 Sq Ft | **Report Renewal Cost:** $5,504,556

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 55.3%

Const. Date: 1896 | **Replacement Cost:** $9,951,850

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$170,459***	***$268,866***	
1815	Footings/Foundation Walls (A)	11-09-2021	11-09-2021	2	60%	$4.66	$106,480		Age and is wearing down
1816	Exterior Steps/Retaining Walls (B)	11-09-2021	11-09-2021	2	70%	$2.40	$63,979		Age/Wear - Some cracks throughout
System: Envelope (2)						***Totals:***	***$484,568***	***$867,531***	
1817	Exterior Walls (A)	11-09-2021	11-09-2021	2	60%	$6.18	$141,212		Some cracks - some separation - needs tuck pointing
1818	Exterior Windows (B)	11-09-2021	11-09-2021	2	100%	$7.13	$271,532		Aluminum windows need replaced - Drafty throughout
1819	Exterior Doors/Hatches (C)	11-09-2021	11-09-2021	2	50%	$1.33	$25,325		Other doors (besides main entrance) need replaced
1820	Interior Columns/Beams (D)	11-09-2021	11-09-2021	2	15%	$8.14	$46,499		Beams are settling - Granite columns at staircase
System: Floor System (3)						***Totals:***	***$536,208***	***$1,072,417***	
1821	Floor Structure (A)	11-09-2021	11-09-2021	2	50%	$21.60	$411,296		Wood is settling throughout
1822	Stair Treads/Risers (B)	11-09-2021	11-09-2021	2	50%	$6.56	$124,912		Wood is settling throughout - Main stair is stone
System: Roof System (4)						***Totals:***	***$214,788***	***$336,273***	
1823	Structure (A)	11-09-2021	11-09-2021	2	20%	$2.36	$17,975		Wood structure is possibly original
1824	Covering (B)	11-09-2021	11-09-2021	2	80%	$4.40	$134,052		Clay tile is old (40-50 yrs) and showing wear.
1825	Insulation (C)	11-09-2021	11-09-2021	2	80%	$2.06	$62,761		Unknown if insulation is asbestos or if it was replaced with blown in

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 11/9/2021

Building: Main Hall | **Gross Area:** 38,083 Sq Ft | **Report Renewal Cost:** $5,504,556

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 55.3%

Const. Date: 1896 | **Replacement Cost:** $9,951,850

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)							***Totals: $1,253,692***	***$2,260,226***	
1826	Interior Wall Systems (A)	11-09-2021	11-09-2021	2	50%	$16.57	$315,518		Some cracking - Separation of interior bricks
1827	Ceilings (B)	11-09-2021	11-09-2021	2	70%	$14.65	$390,541		Lots of cracking - Water damage in spots
1828	Interior Doors/Hardware/Windows (	11-09-2021	11-09-2021	2	30%	$10.97	$125,331		Hardware was changed 25 yrs ago - Doors need refinishing
1829	Floor Finishes (D)	11-09-2021	11-09-2021	2	80%	$8.38	$255,308		Contains carpet, concrete, VAT, VCT, and sheet vinyl that are all showing excessive wear.
1830	Wall Finishes (E)	11-09-2021	11-09-2021	2	50%	$8.77	$166,994		Brick / Plaster / Painted surfaces
System: Specialties (6)							***Totals: $201,041***	***$578,100***	
1831	Toilet Partitions (A)	11-09-2021	11-09-2021	2	100%	$1.85	$70,454		Basement restrooms need replaced
1833	Chalk/Tack/Whiteboards/Cabinets (	11-09-2021	11-09-2021	2	30%	$11.43	$130,587		Cabinets in basement - Chalkboard in basement
System: HVAC System (7)							***Totals: $358,552***	***$1,027,099***	
1834	Heating (A)	11-09-2021	11-09-2021	2	70%	$11.77	$313,766		Steam radiators - Piping needs replaced in various locations
1835	Ventilating (B)	11-09-2021	11-09-2021	2	80%	$1.47	$44,786		There are a couple unit ventilators in classrooms but no other ventilation in building
System: Plumbing System (8)							***Totals: $1,161,228***	***$1,376,320***	
1836	Fixtures (A)	11-09-2021	11-09-2021	2	100%	$7.90	$300,856		Needs replaced
1837	Supply Piping (B)	11-09-2021	11-09-2021	2	80%	$19.09	$581,604		Galvanized pipes
1838	Waste Piping (C)	11-09-2021	11-09-2021	2	80%	$9.15	$278,768		Cast iron piping

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

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Site: UM MT Tech Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 11/9/2021

Building: Main Hall | **Gross Area:** 38,083 Sq Ft | **Report Renewal Cost:** $5,504,556

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 55.3%

Const. Date: 1896 | **Replacement Cost:** $9,951,850

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$885,963***	***$1,330,620***	
1839	Building Service (A)	11-09-2021	11-09-2021	2	15%	$7.26	$41,472		85% of the building has been replaced
1840	Lighting (B)	11-09-2021	11-09-2021	2	100%	$9.01	$343,128		Lighting needs to be switched to LEDs
1841	Distribution (C)	11-09-2021	11-09-2021	2	50%	$11.01	$209,647		Branch panels are good - outlet wiring might need replacing
1842	Voice/Data (D)	11-09-2021	11-09-2021	2	100%	$7.66	$291,716		Is aged out
System: Safety System (11)						***Totals:***	***$238,057***	***$570,103***	
1843	Egress (A)	11-09-2021	11-09-2021	2	70%	$3.59	$95,703		Metal fire escapes - Tunnel access
1844	Exit/Emergency Lighting/Alarms (C	11-09-2021	11-09-2021	2	70%	$5.34	$142,354		Exit/Emergency lights need replaced - Fire alarm system needs updated

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 11/18/2021

Building: Mining and Geology | **Gross Area:** 39,536 Sq Ft | **Report Renewal Cost:** $2,653,341

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $318.88 | **Deficiency Ratio:** 21.0%

Const. Date: 1972 | **Replacement Cost:** $12,607,240

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$114,339***	***$349,103***	
2127	Footings/Foundation Walls (A)	11-18-2021	11-18-2021	2	30%	$7.64	$90,617		Numerous small and medium cracks throughout foundation walls
2128	Exterior Steps/Retaining Walls (B)	11-18-2021	11-18-2021	2	50%	$1.20	$23,722		Cracks, bad plaster, damaged concrete
System: Envelope (2)						***Totals:***	***$318,660***	***$1,246,570***	
2129	Exterior Walls (A)	11-18-2021	11-18-2021	2	50%	$11.41	$225,553		Cracking in back siding - Bad plaster all around exterior walls
2130	Exterior Windows (B)	11-18-2021	11-18-2021	2	20%	$4.76	$37,638		Older double pane aluminum frames
2131	Exterior Doors/Hatches (C)	11-18-2021	11-18-2021	2	20%	$4.23	$33,447		Older hardware - Wear and tear
2132	Interior Columns/Beams (D)	11-18-2021	11-18-2021	2	5%	$11.14	$22,022		Wear and tear
System: Floor System (3)						***Totals:***	***$36,531***	***$730,230***	
2133	Floor Structure (A)	11-18-2021	11-18-2021	2	5%	$11.92	$23,563		Some slight cracking in concrete floors
2134	Stair Treads/Risers (B)	11-18-2021	11-18-2021	2	5%	$6.56	$12,968		Good terrazo interior staircases - Some minor wear and tear
System: Roof System (4)						***Totals:***	***$14,529***	***$594,226***	
2135	Covering (B)	11-18-2021	11-18-2021	2	5%	$7.35	$14,529		Minor wear and tear
System: Finishes (5)						***Totals:***	***$336,867***	***$2,489,187***	
2136	Interior Wall Systems (A)	11-18-2021	11-18-2021	2	5%	$23.63	$46,712		Some interior cracks in walls - 2nd Floor
2137	Ceilings (B)	11-18-2021	11-18-2021	2	10%	$13.32	$52,662		Some stained damaged ceiling tiles - Steam system leaks
2138	Interior Doors/Hardware/Windows (	11-18-2021	11-18-2021	2	10%	$2.94	$11,624		Wear and tear
2139	Floor Finishes (D)	11-18-2021	11-18-2021	2	40%	$11.35	$179,493		Old dated carpet tile and linoleum floors
2140	Wall Finishes (E)	11-18-2021	11-18-2021	6	10%	$11.73	$46,376		Typical painting refresh needs

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 11/18/2021

Building: Mining and Geology | **Gross Area:** 39,536 Sq Ft | **Report Renewal Cost:** $2,653,341

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $318.88 | **Deficiency Ratio:** 21.0%

Const. Date: 1972 | **Replacement Cost:** $12,607,240

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$104,118***	***$952,422***	
2141	Toilet Partitions (A)	11-18-2021	11-18-2021	2	5%	$2.34	$4,626		Older, but in decent shape
2142	Signage/Directories (B)	11-18-2021	11-18-2021	2	5%	$0.80	$1,581		Minimal signage repairs needed
2143	Fixed Seating/Risers (C)	11-18-2021	11-18-2021	2	15%	$1.27	$7,532		Some deficiencies in seating - 2 or 3 small auditoriums
2144	Chalk/Tack/Whiteboards/Cabinets (	11-18-2021	11-18-2021	2	20%	$11.43	$90,379		Additional needed - Some dated boards
System: HVAC System (7)						***Totals:***	***$247,574***	***$1,700,443***	
2145	Heating (A)	11-18-2021	11-18-2021	2	20%	$19.61	$155,060		Wear and tear - Issues with leaks
2146	Ventilating (B)	11-18-2021	11-18-2021	2	10%	$17.52	$69,267		Normal wear and tear on AHU fans
2147	Cooling (C)	11-18-2021	11-18-2021	2	10%	$5.88	$23,247		Some chiller and controls issues
System: Plumbing System (8)						***Totals:***	***$382,926***	***$2,792,823***	
2148	Fixtures (A)	11-18-2021	11-18-2021	2	10%	$14.66	$57,960		Normal wear and tear
2149	Supply Piping (B)	11-18-2021	11-18-2021	2	10%	$38.52	$152,293		Normal wear and tear - Age
2150	Waste Piping (C)	11-18-2021	11-18-2021	2	25%	$17.47	$172,673		Age - Potential for drain line wear
System: Electrical System (9)						***Totals:***	***$756,087***	***$1,042,960***	
2151	Lighting (B)	11-18-2021	11-18-2021	5	100%	$8.58	$339,219		LED upgrade
2152	Distribution (C)	11-18-2021	11-18-2021	3	60%	$10.49	$248,840		Distribution, panel cleanup
2153	Voice/Data (D)	11-18-2021	11-18-2021	2	100%	$4.25	$168,028		Aged out
System: Conveying (10)						***Totals:***	***$25,026***	***$250,263***	
2154	Elevator/Lift (A)	11-18-2021	11-18-2021	2	10%	$6.33	$25,026		Age, wear and tear

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

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Site: UM MT Tech Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 11/18/2021

Building: Mining and Geology | **Gross Area:** 39,536 Sq Ft | **Report Renewal Cost:** $2,653,341

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $318.88 | **Deficiency Ratio:** 21.0%

Const. Date: 1972 | **Replacement Cost:** $12,607,240

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	***$316,684***	***$458,618***	
2155	Extinguishing System (B)	11-18-2021	11-18-2021	3	100%	$5.57	$220,216		Not present
2156	Exit/Emergency Lighting/Alarms (C	11-18-2021	11-18-2021	2	100%	$2.44	$96,468		Old exit signs and spot emergency lights installed in celing tile

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.16 | **Last Audit Date:** 11/18/2021

Building: Museum Building | **Gross Area:** 28,194 Sq Ft | **Report Renewal Cost:** $2,994,768

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $280.67 | **Deficiency Ratio:** 37.8%

Const. Date: 1940 | **Replacement Cost:** $7,913,210

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$63,747***	***$213,711***	
2160	Footings/Foundation Walls (A)	11-18-2021	11-18-2021	2	40%	$5.01	$56,501		Significant number of small to medium cracks in foundation walls
2161	Exterior Steps/Retaining Walls (B)	11-18-2021	11-18-2021	2	10%	$2.57	$7,246		Wear and tear of granite stairs
System: Envelope (2)						***Totals:***	***$104,910***	***$689,625***	
2162	Exterior Walls (A)	11-18-2021	11-18-2021	2	20%	$6.63	$37,385		Tuckpointing needed
2163	Exterior Windows (B)	11-18-2021	11-18-2021	2	20%	$7.66	$43,193		Older style - Double pane aluminum windows
2164	Exterior Doors/Hatches (C)	11-18-2021	11-18-2021	2	30%	$1.42	$12,011		Dated brass and metal thresholds, hardware, and door materials
2165	Interior Columns/Beams (D)	11-18-2021	11-18-2021	2	5%	$8.74	$12,321		Normal wear and tear
System: Floor System (3)						***Totals:***	***$39,697***	***$852,587***	
2166	Stair Treads/Risers (B)	11-18-2021	11-18-2021	2	20%	$7.04	$39,697		Worn, slightly damaged stone and concrete
System: Roof System (4)						***Totals:***	***$46,704***	***$267,279***	
2167	Structure (A)	11-18-2021	11-18-2021	2	5%	$2.53	$3,567		Typical wear and tear
2168	Covering (B)	11-18-2021	11-18-2021	2	30%	$4.73	$40,007		Dated - Hail damaged metal panels
2169	Insulation (C)	11-18-2021	11-18-2021	2	5%	$2.22	$3,130		Wear and tear - Insulation properties

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.16 | **Last Audit Date:** 11/18/2021

Building: Museum Building | **Gross Area:** 28,194 Sq Ft | **Report Renewal Cost:** $2,994,768

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $280.67 | **Deficiency Ratio:** 37.8%

Const. Date: 1940 | **Replacement Cost:** $7,913,210

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$236,124***	***$1,797,086***	
2170	Ceilings (B)	11-18-2021	11-18-2021	2	10%	$15.74	$44,377		Some accoustical ceiling tile issues - Hard celing and trim issues
2171	Interior Doors/Hardware/Windows (	11-18-2021	11-18-2021	2	15%	$11.78	$49,819		Old wooden doors and hardware
2172	Floor Finishes (D)	11-18-2021	11-18-2021	1	35%	$9.00	$88,811		Asbestos floor tiles in Museum - Very dated, worn carpet in some offices
2173	Wall Finishes (E)	11-18-2021	11-18-2021	6	20%	$9.42	$53,117		Painting refresh in spaces
System: Specialties (6)						***Totals:***	***$74,869***	***$459,562***	
2174	Toilet Partitions (A)	11-18-2021	11-18-2021	2	70%	$1.98	$39,077		Very old dated partitions
2175	Signage/Directories (B)	11-18-2021	11-18-2021	6	5%	$0.85	$1,198		Minor issues - Missing signage
2176	Chalk/Tack/Whiteboards/Cabinets (	11-18-2021	11-18-2021	6	10%	$12.27	$34,594		Need more in building
System: HVAC System (7)						***Totals:***	***$549,219***	***$816,498***	
2177	Heating (A)	11-18-2021	11-18-2021	2	35%	$12.64	$124,730		Old radiant steam heat registers
2178	Ventilating (B)	11-18-2021	11-18-2021	2	20%	$1.58	$8,909		AHU Wear and tear
2179	Cooling (C)	11-18-2021	11-18-2021	3	100%	$14.74	$415,580		No existing cooling systems
System: Plumbing System (8)						***Totals:***	***$503,546***	***$1,094,491***	
2180	Fixtures (A)	11-18-2021	11-18-2021	2	80%	$8.49	$191,494		Extremely dated restroom fixtures
2181	Supply Piping (B)	11-18-2021	11-18-2021	2	30%	$20.51	$173,478		Dated worn supply piping
2182	Waste Piping (C)	11-18-2021	11-18-2021	2	50%	$9.83	$138,574		Dated worn waste piping and drains

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: UM MT Tech Main Campus | **Area Correction:** 1.16 | **Last Audit Date:** 11/18/2021

Building: Museum Building | **Gross Area:** 28,194 Sq Ft | **Report Renewal Cost:** $2,994,768

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $280.67 | **Deficiency Ratio:** 37.8%

Const. Date: 1940 | **Replacement Cost:** $7,913,210

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)							***Totals: $1,058,121***	***$1,058,121***	
2183	Building Service (A)	11-18-2021	11-18-2021	2	100%	$7.79	$219,631		Very old - Poor building service
2184	Lighting (B)	11-18-2021	11-18-2021	5	100%	$9.68	$272,918		LED upgrade
2185	Distribution (C)	11-18-2021	11-18-2021	2	100%	$11.83	$333,535		Old wiring receptacles - Poor organization and panel distribution
2186	Voice/Data (D)	11-18-2021	11-18-2021	2	100%	$8.23	$232,037		Aged out
System: Safety System (11)							***Totals: $317,831***	***$453,360***	
2187	Egress (A)	11-18-2021	11-18-2021	3	20%	$3.86	$21,766		Difficult egress locations
2188	Extinguishing System (B)	11-18-2021	11-18-2021	3	100%	$6.49	$182,979		No fire sprinklers
2189	Exit/Emergency Lighting/Alarms (C	11-18-2021	11-18-2021	3	70%	$5.73	$113,086		Exit lights, some defieciences - Emergency lights are deficient as well

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus
Building: Natural Resource Building
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 2009

Area Correction: 0.98
Gross Area: 57,995 Sq Ft
Cost/Sq Ft: $291.27
Replacement Cost: $16,892,204

Last Audit Date: 11/24/2021
Report Renewal Cost: $1,389,763
Deficiency Ratio: 8.2%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$52,834***	***$465,120***	
2268	Footings/Foundation Walls (A)	11-24-2021	11-24-2021	2	10%	$6.93	$40,191		Small cracks in walls around northwest corner of building
2269	Exterior Steps/Retaining Walls (B)	11-24-2021	11-24-2021	2	20%	$1.09	$12,643		Deteriorating concrete - Tuckpointing issues, retaining wall
System: Envelope (2)						***Totals:***	***$41,118***	***$1,659,237***	
2270	Exterior Walls (A)	11-24-2021	11-24-2021	2	5%	$10.35	$30,012		Plaster damage on foundation walls
2271	Exterior Doors/Hatches (C)	11-24-2021	11-24-2021	2	5%	$3.83	$11,106		Minor wear and tear - Door hardware
System: Floor System (3)						***Totals:***	***$34,507***	***$971,996***	
2272	Stair Treads/Risers (B)	11-24-2021	11-24-2021	2	10%	$5.95	$34,507		Wear and tear of rubber treads and risers
System: Roof System (4)						***Totals:***	***$19,341***	***$790,472***	
2273	Covering (B)	11-24-2021	11-24-2021	2	5%	$6.67	$19,341		Minor repairs occasionally - due to high winds
System: Finishes (5)						***Totals:***	***$196,545***	***$3,313,254***	
2274	Interior Wall Systems (A)	11-24-2021	11-24-2021	2	5%	$21.44	$62,171		Some interior cracks on 3rd floor by room 339 - Some cracks in NE Stairwell
2275	Ceilings (B)	11-24-2021	11-24-2021	2	5%	$12.09	$35,058		Some damaged stained ceiling tiles
2276	Interior Doors/Hardware/Windows (	11-24-2021	11-24-2021	2	5%	$2.67	$7,742		Wear and tear on door hardware
2277	Floor Finishes (D)	11-24-2021	11-24-2021	2	5%	$10.30	$29,867		Wear and tear - traffic lanes of carpet tile
2278	Wall Finishes (E)	11-24-2021	11-24-2021	6	10%	$10.64	$61,707		Painting refresh

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 11/24/2021

Building: Natural Resource Building | **Gross Area:** 57,995 Sq Ft | **Report Renewal Cost:** $1,389,763

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $291.27 | **Deficiency Ratio:** 8.2%

Const. Date: 2009 | **Replacement Cost:** $16,892,204

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$38,653***	***$1,201,656***	
2279	Toilet Partitions (A)	11-24-2021	11-24-2021	2	5%	$2.24	$6,495		Minor wear and tear on partition hardware
2280	Signage/Directories (B)	11-24-2021	11-24-2021	2	5%	$0.72	$2,088		Minor damage - Missing signage
2281	Chalk/Tack/Whiteboards/Cabinets (	11-24-2021	11-24-2021	2	5%	$10.37	$30,070		Normal wear and tear
System: HVAC System (7)						***Totals:***	***$210,928***	***$2,263,545***	
2282	Heating (A)	11-24-2021	11-24-2021	2	10%	$17.80	$103,231		Issues with controls systems
2283	Ventilating (B)	11-24-2021	11-24-2021	2	10%	$15.90	$92,212		Normal wear and tear - Exhaust systems
2284	Cooling (C)	11-24-2021	11-24-2021	2	5%	$5.34	$15,485		Normal wear and tear
System: Plumbing System (8)						***Totals:***	***$45,961***	***$3,758,076***	
2285	Waste Piping (C)	11-24-2021	11-24-2021	2	5%	$15.85	$45,961		Normal wear and tear - drain systems
System: Electrical System (9)						***Totals:***	***$749,876***	***$1,524,689***	
2286	Lighting (B)	11-24-2021	11-24-2021	5	100%	$8.65	$501,657		LED upgrade
2287	Voice/Data (D)	11-24-2021	11-24-2021	2	100%	$4.28	$248,219		Aged out

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 11/12/2021

Building: Natural Resources Center | **Gross Area:** 31,016 Sq Ft | **Report Renewal Cost:** $407,877

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $320.99 | **Deficiency Ratio:** 4.1%

Const. Date: 2017 | **Replacement Cost:** $9,955,826

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$33,001***	***$273,871***	
1969	Footings/Foundation Walls (A)	11-12-2021	11-12-2021	2	10%	$7.64	$23,696		Slight cracks
1970	Exterior Steps/Retaining Walls (B)	11-12-2021	11-12-2021	2	25%	$1.20	$9,305		Damaged deteriorating concrete
System: Envelope (2)						***Totals:***	***$24,255***	***$977,934***	
1971	Exterior Walls (A)	11-12-2021	11-12-2021	2	5%	$11.41	$17,695		Slight damge to concrete plaster
1972	Exterior Doors/Hatches (C)	11-12-2021	11-12-2021	2	5%	$4.23	$6,560		Slight wear and tear on door hardware
System: Floor System (3)						***Totals:***	***$101,732***	***$572,866***	
1973	Stair Treads/Risers (B)	11-12-2021	11-12-2021	6	50%	$6.56	$101,732		No finished treads on staircases
System: Finishes (5)						***Totals:***	***$56,450***	***$1,952,767***	
1974	Ceilings (B)	11-12-2021	11-12-2021	2	5%	$13.32	$20,657		Some wear and damage on ceiling tiles
1975	Floor Finishes (D)	11-12-2021	11-12-2021	6	5%	$11.35	$17,602		Primarily all painted concrete floors
1976	Wall Finishes (E)	11-12-2021	11-12-2021	6	5%	$11.73	$18,191		Misc painting touch ups
System: Specialties (6)						***Totals:***	***$3,815***	***$708,095***	
1977	Toilet Partitions (A)	11-12-2021	11-12-2021	2	5%	$2.46	$3,815		Partition hardware needs
System: Plumbing System (8)						***Totals:***	***$27,092***	***$2,214,853***	
1978	Waste Piping (C)	11-12-2021	11-12-2021	2	5%	$17.47	$27,092		Normal wear and tear

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: UM MT Tech Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 11/12/2021

Building: Natural Resources Center | **Gross Area:** 31,016 Sq Ft | **Report Renewal Cost:** $407,877

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $320.99 | **Deficiency Ratio:** 4.1%

Const. Date: 2017 | **Replacement Cost:** $9,955,826

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$146,396***	***$898,534***	
1979	Voice/Data (D)	11-12-2021	11-12-2021	2	100%	$4.72	$146,396		Aged out
System: Safety System (11)						***Totals:***	***$15,136***	***$359,786***	
1980	Exit/Emergency Lighting/Alarms (C	11-12-2021	11-12-2021	3	20%	$2.44	$15,136		No stand alone emergency lights

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 11/15/2021

Building: Physical Plant (Facilities) | **Gross Area:** 6,300 Sq Ft | **Report Renewal Cost:** $838,484

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $348.42 | **Deficiency Ratio:** 38.2%

Const. Date: 1948 | **Replacement Cost:** $2,195,046

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$15,970***	***$59,283***	
1982	Footings/Foundation Walls (A)	11-15-2021	11-15-2021	2	10%	$6.21	$3,912		Minor concrete damage
1983	Exterior Steps/Retaining Walls (B)	11-15-2021	11-15-2021	2	60%	$3.19	$12,058		Crumbling edges on stairs, loose rock retaining wall
System: Envelope (2)						***Totals:***	***$54,136***	***$191,331***	
1984	Exterior Walls (A)	11-15-2021	11-15-2021	2	20%	$8.24	$10,382		Some plaster needs repaired
1985	Exterior Windows (B)	11-15-2021	11-15-2021	2	60%	$9.51	$35,948		Very old wood and lead framed windows
1986	Exterior Doors/Hatches (C)	11-15-2021	11-15-2021	2	70%	$1.77	$7,806		Old wood and metal overhead doors
System: Floor System (3)						***Totals:***	***$31,097***	***$236,502***	
1987	Floor Structure (A)	11-15-2021	11-15-2021	2	5%	$28.80	$9,072		Age of structure - Wear and tear
1988	Stair Treads/Risers (B)	11-15-2021	11-15-2021	1	40%	$8.74	$22,025		Old wood - Unsafe staircase
System: Roof System (4)						***Totals:***	***$43,171***	***$74,151***	
1989	Structure (A)	11-15-2021	11-15-2021	2	5%	$3.15	$992		Age of structure - Wear and tear
1990	Covering (B)	11-15-2021	11-15-2021	2	100%	$5.87	$36,981		Roof has outlived life expectancy
1991	Insulation (C)	11-15-2021	11-15-2021	2	30%	$2.75	$5,198		Wear and tear - Effectiveness of insulation value

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 11/15/2021

Building: Physical Plant (Facilities) | **Gross Area:** 6,300 Sq Ft | **Report Renewal Cost:** $838,484

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $348.42 | **Deficiency Ratio:** 38.2%

Const. Date: 1948 | **Replacement Cost:** $2,195,046

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$117,584***	***$498,519***	
1992	Interior Wall Systems (A)	11-15-2021	11-15-2021	2	10%	$22.09	$13,917		Worn and dated panelling in a few areas
1993	Ceilings (B)	11-15-2021	11-15-2021	2	5%	$19.54	$6,155		Wear and tear - Old textured style ceilings
1994	Interior Doors/Hardware/Windows (	11-15-2021	11-15-2021	2	20%	$14.63	$18,434		Wear and tear to shop doors and garage doors - Visible damage
1995	Floor Finishes (D)	11-15-2021	11-15-2021	2	60%	$11.17	$42,223		Old worn carpeting and some old VCT and sheet linoleum
1996	Wall Finishes (E)	11-15-2021	11-15-2021	2	50%	$11.70	$36,855		Building needs a painting refresh of offices and meeting rooms
System: Specialties (6)						***Totals:***	***$25,868***	***$127,512***	
1997	Signage/Directories (B)	11-15-2021	11-15-2021	2	100%	$1.06	$6,678		Old damaged, missing or paper signage
1998	Chalk/Tack/Whiteboards/Cabinets (	11-15-2021	11-15-2021	2	20%	$15.23	$19,190		Old worn cabinets and hardware - Lack of whiteboards
System: HVAC System (7)						***Totals:***	***$98,828***	***$226,485***	
1999	Heating (A)	11-15-2021	11-15-2021	2	30%	$15.69	$29,654		Old steam heat radiators with old worn control valves
2000	Cooling (C)	11-15-2021	11-15-2021	4	60%	$18.30	$69,174		Window AC units in a few offices
System: Plumbing System (8)						***Totals:***	***$104,347***	***$303,597***	
2001	Fixtures (A)	11-15-2021	11-15-2021	2	50%	$10.53	$33,170		Dated, worn, occasionally leaking fixtures
2002	Supply Piping (B)	11-15-2021	11-15-2021	2	30%	$25.46	$48,119		Based on age of building
2003	Waste Piping (C)	11-15-2021	11-15-2021	2	30%	$12.20	$23,058		Based on age of building - Worn

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: UM MT Tech Main Campus
Building: Physical Plant (Facilities)
Building Type/ Age Class: General Classroom/Office (3A)
Const. Date: 1948

Area Correction: 1.44
Gross Area: 6,300 Sq Ft
Cost/Sq Ft: $348.42
Replacement Cost: $2,195,046

Last Audit Date: 11/15/2021
Report Renewal Cost: $838,484
Deficiency Ratio: 38.2%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$239,841***	***$293,517***	
2004	Building Service (A)	11-15-2021	11-15-2021	3	50%	$9.68	$30,492		Dated - Undersized supply to building
2005	Lighting (B)	11-15-2021	11-15-2021	5	100%	$12.01	$75,663		Convert to LED
2006	Distribution (C)	11-15-2021	11-15-2021	2	75%	$14.68	$69,363		Dated, aged wiring, needs new pulls and distribution
2007	Voice/Data (D)	11-15-2021	11-15-2021	2	100%	$10.21	$64,323		Aged out
System: Safety System (11)						***Totals:***	***$107,642***	***$125,748***	
2008	Egress (A)	11-15-2021	11-15-2021	3	40%	$4.79	$12,071		Limited 2nd floor and basment egress
2009	Extinguishing System (B)	11-15-2021	11-15-2021	3	100%	$8.06	$50,778		No fire sprinkler system in place
2010	Exit/Emergency Lighting/Alarms (C	11-15-2021	11-15-2021	3	100%	$7.11	$44,793		Entire buildin needs upgrade and additional lights

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 11/12/2021

Building: Science and Engineering | **Gross Area:** 35,094 Sq Ft | **Report Renewal Cost:** $3,287,640

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 35.8%

Const. Date: 1925 | **Replacement Cost:** $9,170,764

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$75,066***	***$247,764***	
2014	Footings/Foundation Walls (A)	11-12-2021	11-12-2021	1	15%	$4.66	$24,531		Below grade settling
2015	Exterior Steps/Retaining Walls (B)	11-12-2021	11-12-2021	1	60%	$2.40	$50,535		Cracked, broken edges - Deteriorating concrete
System: Envelope (2)						***Totals:***	***$282,664***	***$799,441***	
2016	Exterior Walls (A)	11-12-2021	11-12-2021	2	20%	$6.18	$43,376		Tuckpointing issues prevalent
2017	Exterior Windows (B)	11-12-2021	11-12-2021	2	70%	$7.13	$175,154		Broken mechanisms - Some thermoseals broken
2018	Exterior Doors/Hatches (C)	11-12-2021	11-12-2021	2	15%	$1.33	$7,001		Wear and tear - Door hardware issues
2019	Interior Columns/Beams (D)	11-12-2021	11-12-2021	3	20%	$8.14	$57,133		Structural support issues in some areas
System: Floor System (3)						***Totals:***	***$106,967***	***$988,247***	
2020	Floor Structure (A)	11-12-2021	11-12-2021	2	5%	$21.60	$37,902		Wood Gymnasium style flooring - soft in areas
2021	Stair Treads/Risers (B)	11-12-2021	11-12-2021	6	30%	$6.56	$69,065		No stair tread coverings in NW Stairwell
System: Roof System (4)						***Totals:***	***$96,789***	***$309,880***	
2022	Structure (A)	11-12-2021	11-12-2021	2	5%	$2.36	$4,141		Some potential for damaged underlayment
2023	Covering (B)	11-12-2021	11-12-2021	2	60%	$4.40	$92,648		Beyond life expectancy - funded for project in 2022
System: Finishes (5)						***Totals:***	***$288,350***	***$2,082,829***	
2024	Ceilings (B)	11-12-2021	11-12-2021	2	10%	$14.65	$51,413		Ceiling tile replacement
2025	Interior Doors/Hardware/Windows (	11-12-2021	11-12-2021	2	15%	$10.97	$57,747		Worn hardware
2026	Floor Finishes (D)	11-12-2021	11-12-2021	2	40%	$8.38	$117,635		Very worn carpet in classroom and offices - Dated VCT
2027	Wall Finishes (E)	11-12-2021	11-12-2021	2	20%	$8.77	$61,555		Need some painting refresh

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 11/12/2021

Building: Science and Engineering | **Gross Area:** 35,094 Sq Ft | **Report Renewal Cost:** $3,287,640

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 35.8%

Const. Date: 1925 | **Replacement Cost:** $9,170,764

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$84,365***	***$532,727***	
2028	Toilet Partitions (A)	11-12-2021	11-12-2021	2	60%	$1.85	$38,954		Dated and worn partitions and hardware
2029	Signage/Directories (B)	11-12-2021	11-12-2021	2	5%	$0.80	$1,404		Some signage deficiency
2030	Fixed Seating/Risers (C)	11-12-2021	11-12-2021	2	10%	$1.11	$3,895		One classroom - Wear and tear
2031	Chalk/Tack/Whiteboards/Cabinets (	11-12-2021	11-12-2021	2	10%	$11.43	$40,112		Older labs - Board deterioration
System: HVAC System (7)						***Totals:***	***$129,076***	***$946,485***	
2032	Heating (A)	11-12-2021	11-12-2021	2	30%	$11.77	$123,917		Old pneumatics for heating system
2033	Ventilating (B)	11-12-2021	11-12-2021	2	10%	$1.47	$5,159		Worn, dated louvers and distribution
System: Plumbing System (8)						***Totals:***	***$887,808***	***$1,268,297***	
2034	Fixtures (A)	11-12-2021	11-12-2021	2	70%	$7.90	$194,070		Worn, dated lab and restroom fixtures
2035	Supply Piping (B)	11-12-2021	11-12-2021	2	70%	$19.09	$468,961		Worn, dated lab and restroom supply piping
2036	Waste Piping (C)	11-12-2021	11-12-2021	2	70%	$9.15	$224,777		Worn, dated lab and restroom waste piping
System: Electrical System (9)						***Totals:***	***$803,687***	***$1,226,184***	
2037	Building Service (A)	11-12-2021	11-12-2021	2	10%	$7.26	$25,478		Dated - 40 year old supply, mostly adequate
2038	Lighting (B)	11-12-2021	11-12-2021	5	100%	$9.01	$316,197		Upgrade to LEDs
2039	Distribution (C)	11-12-2021	11-12-2021	3	50%	$11.01	$193,192		Dated wiring and distribution from panels needs improvement
2040	Voice/Data (D)	11-12-2021	11-12-2021	2	100%	$7.66	$268,820		Aged out
System: Conveying (10)						***Totals:***	***$170,978***	***$244,254***	
2041	Elevator/Lift (A)	11-12-2021	11-12-2021	2	70%	$6.96	$170,978		Very dated and worn elevator equipment

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1
☑ 2
☑ 3
☑ 4
☑ 5
☑ 6
☐ 7

Site: UM MT Tech Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 11/12/2021

Building: Science and Engineering | **Gross Area:** 35,094 Sq Ft | **Report Renewal Cost:** $3,287,640

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 35.8%

Const. Date: 1925 | **Replacement Cost:** $9,170,764

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	***$361,890***	***$525,357***	
2042	Extinguishing System (B)	11-12-2021	11-12-2021	3	100%	$6.04	$211,968		No fire sprinkler systems
2043	Exit/Emergency Lighting/Alarms (C	11-12-2021	11-12-2021	3	80%	$5.34	$149,922		Only found in one stairwell

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 11/22/2021

Building: UMEC Metal Building | **Gross Area:** 6,000 Sq Ft | **Report Renewal Cost:** $60,753

Building Type/ Age Class: Warehouse/Storage Facilities (8C) | **Cost/Sq Ft:** $171.82 | **Deficiency Ratio:** 5.9%

Const. Date: 2018 | **Replacement Cost:** $1,030,920

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$12,129***	***$216,180***	
2193	Exterior Walls (A)	11-22-2021	11-22-2021	2	10%	$18.75	$11,250		Some damage to metal panels and trim
2194	Exterior Doors/Hatches (C)	11-22-2021	11-22-2021	2	5%	$2.93	$879		Wear and tear of overhead doors
System: Floor System (3)						***Totals:***	***$6,102***	***$136,560***	
2195	Floor Structure (A)	11-22-2021	11-22-2021	2	5%	$20.34	$6,102		Minor Cracks
System: Finishes (5)						***Totals:***	***$366***	***$59,340***	
2196	Interior Doors/Hardware/Windows (	11-22-2021	11-22-2021	2	10%	$0.61	$366		Minor damage to doors
System: Specialties (6)						***Totals:***	***$636***	***$7,560***	
2197	Signage/Directories (B)	11-22-2021	11-22-2021	6	10%	$1.06	$636		Exterior signage needed
System: Safety System (11)						***Totals:***	***$41,520***	***$133,200***	
2198	Exit/Emergency Lighting/Alarms (C	11-22-2021	11-22-2021	3	100%	$6.92	$41,520		No exit signs or emergency lights

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 11/22/2021

Building: Welding and Concrete Shop | **Gross Area:** 2,100 Sq Ft | **Report Renewal Cost:** $145,087

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $427.98 | **Deficiency Ratio:** 16.1%

Const. Date: 1997 | **Replacement Cost:** $898,758

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$1,069***	***$24,738***	
2201	Footings/Foundation Walls (A)	11-22-2021	11-22-2021	2	5%	$10.18	$1,069		Very minor cracks in foundation floor
System: Envelope (2)						***Totals:***	***$11,947***	***$88,284***	
2202	Exterior Walls (A)	11-22-2021	11-22-2021	2	30%	$15.21	$9,582		Damaged metal siding - Fairly common
2203	Exterior Doors/Hatches (C)	11-22-2021	11-22-2021	2	20%	$5.63	$2,365		Overhead doors - Dated and worn hardware
System: Floor System (3)						***Totals:***	***$10,011***	***$51,723***	
2204	Floor Structure (A)	11-22-2021	11-22-2021	2	30%	$15.89	$10,011		Cracks throughout floors
System: Roof System (4)						***Totals:***	***$3,167***	***$42,063***	
2205	Covering (B)	11-22-2021	11-22-2021	2	10%	$9.80	$2,058		Old dated metal roofing
2206	Insulation (C)	11-22-2021	11-22-2021	2	10%	$5.28	$1,109		Effectiveness of insulation
System: Specialties (6)						***Totals:***	***$22***	***$63,924***	
2207	Signage/Directories (B)	11-22-2021	11-22-2021	6	1%	$1.06	$22		Exterior signage needed
System: HVAC System (7)						***Totals:***	***$20,794***	***$120,435***	
2208	Heating (A)	11-22-2021	11-22-2021	2	20%	$26.15	$10,983		Dated worn heating unit
2209	Ventilating (B)	11-22-2021	11-22-2021	2	20%	$23.36	$9,811		Dated worn AHU

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM MT Tech Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 11/22/2021

Building: Welding and Concrete Shop | **Gross Area:** 2,100 Sq Ft | **Report Renewal Cost:** $145,087

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $427.98 | **Deficiency Ratio:** 16.1%

Const. Date: 1997 | **Replacement Cost:** $898,758

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$52,951***	***$199,962***	
2210	Fixtures (A)	11-22-2021	11-22-2021	2	50%	$20.57	$21,598		Old fixtures
2211	Supply Piping (B)	11-22-2021	11-22-2021	2	20%	$51.36	$21,571		Old plumbing supply
2212	Waste Piping (C)	11-22-2021	11-22-2021	2	20%	$23.29	$9,782		Old drain and waste lines
System: Electrical System (9)						***Totals:***	***$40,007***	***$81,123***	
2213	Building Service (A)	11-22-2021	11-22-2021	2	1%	$4.09	$86		Noisy transformer
2214	Lighting (B)	11-22-2021	11-22-2021	5	100%	$12.71	$26,691		LED upgrade
2215	Voice/Data (D)	11-22-2021	11-22-2021	2	100%	$6.30	$13,230		Aged out
System: Safety System (11)						***Totals:***	***$5,119***	***$32,487***	
2216	Exit/Emergency Lighting/Alarms (C	11-22-2021	11-22-2021	3	75%	$3.25	$5,119		Dated exit signs - No emergency lights

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Helena COT Main Campus | **Area Correction:** 0.94 | **Last Audit Date:** 9/9/2020

Building: Donaldson Bldg. | **Gross Area:** 110,000 Sq Ft | **Report Renewal Cost:** $6,289,811

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $240.47 | **Deficiency Ratio:** 23.8%

Const. Date: 1967 | **Replacement Cost:** $26,451,700

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$22,330***	***$561,000***	
1743	Footings/Foundation Walls (A)	09-09-2020	09-09-2020	2	5%	$4.06	$22,330		Some cracks in building, groundwater leakage at elevator shaft.
System: Envelope (2)						***Totals:***	***$283,470***	***$2,200,000***	
1744	Exterior Walls (A)	09-09-2020	09-09-2020	2	5%	$5.38	$29,590		Tuck point and seal.
1745	Exterior Windows (B)	09-09-2020	09-09-2020	2	30%	$7.31	$241,230		Steel single pane windows of 1970 bldg are original and need replacement and some from the 90's.
1746	Exterior Doors/Hatches (C)	09-09-2020	09-09-2020	2	10%	$1.15	$12,650		20 years old doors.
System: Floor System (3)						***Totals:***	***$413,600***	***$2,696,100***	
1747	Floor Structure (A)	09-09-2020	09-09-2020	2	20%	$18.80	$413,600		Exposed concrete floor structure is cracking on ground floor.
System: Roof System (4)						***Totals:***	***$257,895***	***$789,800***	
1748	Covering (B)	09-09-2020	09-09-2020	2	65%	$3.33	$238,095		Single ply membrane TPO roof is close to 20 years old and needs replacement.
1749	Insulation (C)	09-09-2020	09-09-2020	2	10%	$1.80	$19,800		Replace where wet.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Helena COT Main Campus | **Area Correction:** 0.94 | **Last Audit Date:** 9/9/2020

Building: Donaldson Bldg. | **Gross Area:** 110,000 Sq Ft | **Report Renewal Cost:** $6,289,811

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $240.47 | **Deficiency Ratio:** 23.8%

Const. Date: 1967 | **Replacement Cost:** $26,451,700

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$1,058,211***	***$5,261,300***	
1750	Ceilings (B)	09-09-2020	09-09-2020	2	5%	$11.59	$63,745		Replace water stained ceiling tiles.
1751	Interior Doors/Hardware/Windows (	09-09-2020	09-09-2020	2	30%	$9.55	$315,150		Doors are over 30 years old,
1752	Interior Doors/Hardware/Windows (	09-09-2020	09-09-2020	3	20%	$9.55	$210,100		Replace with ADA.
1753	Floor Finishes (D)	09-09-2020	09-09-2020	2	12%	$6.63	$87,516		Carpet in some areas needs replacement.
1754	Wall Finishes (E)	09-09-2020	09-09-2020	2	50%	$6.94	$381,700		Brick façade in student commons is in poor shape, paint is more than 20 years old.
System: Specialties (6)						***Totals:***	***$468,105***	***$1,512,500***	
1755	Toilet Partitions (A)	09-09-2020	09-09-2020	2	50%	$2.04	$112,200		Metal partitions are wearing, hinges don't line up any more, etc.
1756	Signage/Directories (B)	09-09-2020	09-09-2020	3	70%	$0.69	$53,130		Not ADA accessible signage.
1757	Fixed Seating/Risers (C)	09-09-2020	09-09-2020	2	25%	$1.07	$29,425		Fixed, rotating seats are ploblematic.
1758	Chalk/Tack/Whiteboards/Cabinets (	09-09-2020	09-09-2020	2	25%	$9.94	$273,350		Cabinets in poor condition
System: HVAC System (7)						***Totals:***	***$1,173,535***	***$3,755,400***	
1760	Heating (A)	09-09-2020	09-09-2020	2	40%	$17.07	$751,080		Boilers are 15 years old, recirc pumps are leaking and need replaced.
1762	Ventilating (B)	09-09-2020	09-09-2020	2	40%	$5.12	$225,280		Pneumatic controls need to be changed out with DDC, duct work age.
1763	Cooling (C)	09-09-2020	09-09-2020	2	15%	$11.95	$197,175		Coils in older units need to be replaced.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: UM Helena COT Main Campus | **Area Correction:** 0.94 | **Last Audit Date:** 9/9/2020

Building: Donaldson Bldg. | **Gross Area:** 110,000 Sq Ft | **Report Renewal Cost:** $6,289,811

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $240.47 | **Deficiency Ratio:** 23.8%

Const. Date: 1967 | **Replacement Cost:** $26,451,700

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$293,920***	***$3,962,200***	
1765	Fixtures (A)	09-09-2020	09-09-2020	2	15%	$8.71	$143,715		Standard age related issues.
1766	Supply Piping (B)	09-09-2020	09-09-2020	2	5%	$18.46	$101,530		Age would suggest system wear.
1767	Waste Piping (C)	09-09-2020	09-09-2020	2	5%	$8.85	$48,675		Storm Sewer line is believed to be leaking under slab. Older sewer line is cast iron.
System: Electrical System (9)						***Totals:***	***$1,841,180***	***$3,676,200***	
1768	Building Service (A)	09-09-2020	09-09-2020	2	40%	$6.32	$278,080		Transformer and main distribution panel is 25 plus years old.
1769	Lighting (B)	09-09-2020	09-09-2020	4	100%	$8.82	$970,200		Lighting fixtures need replacement because of poor coverage, output.
1770	Distribution (C)	09-09-2020	09-09-2020	2	50%	$10.78	$592,900		Shutoffs and distributtion panels need replaced.
System: Conveying (10)						***Totals:***	***$212,135***	***$606,100***	
1771	Elevator/Lift (A)	09-09-2020	09-09-2020	2	35%	$5.51	$212,135		One out of the 3 elevators needs to be replaced.
System: Safety System (11)						***Totals:***	***$265,430***	***$1,433,300***	
1772	Extinguishing System (B)	09-09-2020	09-09-2020	2	15%	$5.26	$86,790		Heads are over 30 years old.
1773	Exit/Emergency Lighting/Alarms (C	09-09-2020	09-09-2020	2	35%	$4.64	$178,640		Add more emergency lighting and change out fire alarm panel.

MONTANA STATE UNIVERSITY

DEFICIENCY DETAIL REPORTS

GREAT FALLS COLLEGE

CHILD CARE CENTER

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Building Service	Energy Conservation	10%	Upgrade lighting to LED (30% complete 2/21).	6/12/2019
Finishes	Floor Finishes	Damage/Wearout	1%	Repair/replace flooring as needed (Repaired 7/20). Repair/replace ceiling as needed.	3/15/2021
HVAC System	Ventilating	Damage/Wearout	10%	1 Aaon ERU EUL (Installed 2012) with a 25 year lifespan.	2/24/2021
HVAC System	Heating	Damage/Wearout	10%	2 Lochinvar Knight boilers EUL (Installed 2012) with a 30 year lifespan.	3/15/2021
Plumbing System	Fixtures	Energy Conservation	40%	Upgrade to low-flow showerheads/faucets when applicable	6/6/2017
Plumbing System	Supply	Damage/Wearout	5%	Supply piping EUL	6/12/2019
Plumbing System	Waste	Damage/Wearout	5%	Waste piping EUL	6/12/2019
Roof System	Covering	Damage/Wearout	5%	Ecologically freiendly plastic roofting, 50 years EUL. Add insulation.	3/15/2021

GF COLLEGE MSU (ADDITION 2007)

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	15%	Replace T-8F and T5 w/LED and disconnect ballast.	6/10/2015
Electrical System	Lighting	Energy Conservation	2%	Install occupancy sensors.	6/6/2017
Electrical System	Building Service	Energy Conservation	5%	Lighting control upgrade (make sure to have sensors for daylight in lobby).	6/12/2019
Electrical System	Building Service	Building Enhancements	1%	Add power fail monitor to coolers in cafeteria.	6/12/2019
Electrical System	Building Service	Building Enhancements	99%	Add emergency back-up genetor to service all campus facilities.	6/12/2019
Envelope	Exterior Windows	Damage/Wearout	5%	Replace window thermal pane. (lost vacuum)	6/10/2015
Envelope	Exterior Walls	Damage/Wearout	5%	Miscellaneous caulking as required.	6/6/2017
Finishes	Wall Finishes	Damage/Wearout	1%	Repaint walls as required.	6/25/2013
Finishes	Ceilings	Damage/Wearout	2%	Replace ceiling tiles as needed.	6/25/2013
Finishes	Interior Wall Systems	Building Enhancements	20%	Replace whiteboard paint with 3m post-it whiteboard.	6/12/2019
Finishes	Floor Finishes	Damage/Wearout	45%	Replace carpet (70% facility).	3/15/2021

Foundations	Footings/Foundation	Damage/Wearout	2%	Regrade along foundation wall as required.	6/25/2013
Foundations	Exterior Steps/Retaini	Damage/Wearout	4%	Exterior steps to loading dock cracks (west side)	6/12/2019
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Monitor front entrance west side slab settling, front steps are heated.	2/24/2021
HVAC System	Heating	Environmental Improve	5%	Improve heating in lobby (consider adding fans).	6/12/2019
HVAC System	Heating	Damage/Wearout	10%	Replace boilers in B wing, room B131 (Installed in 1997 - Patterson Kelly).	6/12/2019
HVAC System	Heating	Building Enhancements	2%	Reprogram phoenix valves (A205 - A213) and upgrade to struxure ware (About $47000 (2021 dollars)).	6/12/2019
HVAC System	Cooling	Damage/Wearout	5%	1 Trane Chiller EUL (Installed 1997). This is the emergency back up chiller. No compressors replaced on chillers yet.	2/24/2021
HVAC System	Cooling	Damage/Wearout	5%	2 Daikin McQuay 180 ton Chillers EUL (Installed 2007 (90k/unit uninstalled). No compressors replaced on chillers yet.	2/24/2021
HVAC System	Cooling	Damage/Wearout	5%	Cooling tower EUL (15 years).	2/24/2021
HVAC System	Heating	Damage/Wearout	5%	11 Trane/McQuay Air Handler Units (AHU) EUL (Installed 2007).	2/24/2021
HVAC System	Heating	Damage/Wearout	10%	5 Laars Rheos Boilers EUL (Installed 2007).	2/24/2021
HVAC System	Cooling	Damage/Wearout	5%	11 Trane/McQuay AHU installed (Installed 2007(25 year lifespan))	2/24/2021
Plumbing System	Fixtures	Codes/Standards	2%	Provide combustion air, move natural draft cas water heaters out of air handling rooms.	6/25/2013
Plumbing System	Supply	Damage/Wearout	2%	Replace hot water crculation lines.	6/6/2017
Plumbing System	Supply	Damage/Wearout	10%	Supply piping EUL	6/12/2019
Plumbing System	Waste	Damage/Wearout	10%	Waste piping EUL	6/12/2019
Plumbing System	Fixtures	Damage/Wearout	5%	Upgrade fixtures (25 qty) to low flow.	3/15/2021
Roof System	Covering	Damage/Wearout	1%	Rubber membrane roof (50 year EUL).	6/12/2019
Roof System	Covering	Damage/Wearout	20%	Metal SIPS panels on upper atrium (50 year EUL).	6/12/2019
Specialties	Fume Hoods	Codes/Standards	100%	Upgrade chemicals in ansul hood @ kitchen.	5/17/2007

TRADES BUILDING

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Building Service	Energy Conservation	1%	Upgrade lighting to LED in bathrooms and room T314 (Complted 8/20).	3/15/2021

Envelope	Exterior Walls	Damage/Wearout	5%	South exterior wall - investigate movement of wall slab on grade.	6/10/2015
Finishes	Wall Finishes	Damage/Wearout	5%	Prep and paint wall finishes as needed.	6/12/2019
HVAC System	Heating	Damage/Wearout	10%	1 Carrier rooftop ERU EUL (Installed 2007) with a 25 year lifespan.	2/24/2021
Plumbing System	Waste	Damage/Wearout	5%	Waste piping EUL	6/12/2019
Plumbing System	Supply	Damage/Wearout	5%	Supply piping EUL	6/12/2019
Roof System	Covering	Damage/Wearout	5%	Rubber membrane roof covering EUL - patched in 2018. Add insulation replacements concurrent to roof covering.	6/12/2019

MONTANA AGRICULTURAL EXPERIMENT STATION

BART FARM AGRICULTURE ARTIFICAL INSEMINATION AND CLASSROOM

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace transparent siding	4/1/2021
Envelope		Damage/Wearout		Replace overhead door	4/1/2021
Finishes		Damage/Wearout		Pressure wash and paint interior of classroom	4/1/2021
Finishes		Environmental Improve		Insulate classroom	4/1/2021
Floor System		Damage/Wearout		Improve footing	8/12/2019
Floor System		Damage/Wearout		Rebuild dividing wall between stall and classroom	4/1/2021
HVAC System		Building Enhancements		Add heating system in classroom space	4/1/2021
Other		Safety		Investigate corral drainage	4/1/2021
Site		Damage/Wearout		Replace south exterior classroom wall	4/1/2021

BART FARM AGRICULTURE CALVING BUILDING #1

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Building Enhancements		Upgrade lighting to LED	8/12/2019
Envelope		Damage/Wearout		Replace exterior overhead doors.	4/1/2021
Floor System		Damage/Wearout		Investigate floor drainage in corrals	8/12/2019
Plumbing System		Damage/Wearout		Repair collapsed line feeding watering tanks.	4/1/2021
Plumbing System		Damage/Wearout		Investigate drain repair	4/1/2021
Site		Damage/Wearout		Replace calving pens with continuous panels	8/12/2019

BART FARM AGRICULTURE FEED MILL

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Other		Safety		Remove / Demolish	4/1/2021

BART FARM AGRICULTURE HORSE BARN

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Damage/Wearout		Upgrade exterior lighting	8/12/2019

Envelope		Damage/Wearout	Replace exterior doors	8/12/2019
Envelope		Damage/Wearout	Replace all siding on buiding	8/12/2019
Roof System		Damage/Wearout	Replace roof insulation and roof	8/12/2019
Roof System		Damage/Wearout	Repair roof girder	8/12/2019
Site		Building Enhancements	Add heat unit to south room	8/12/2019
Site		Damage/Wearout	Investigate drainage around site	8/12/2019
Specialties		Damage/Wearout	Repair stalls	8/12/2019

BART FARM AGRICULTURE LITTLE WORKING FACILITY

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace exterior doors	4/1/2021

BART FARM AGRICULTURE POLE MACHINE SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Floor System		Building Enhancements		Add gravel and regrade base	8/12/2019
Roof System		Damage/Wearout		Repair structural bracing	8/12/2019

BART FARM AGRICULTURE WORKING FACILITY

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Plumbing System		Damage/Wearout		Manure drain does not flow anywhere. Correct.	8/12/2019

BART FARM CALVING BUILDING #2

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Damaged siding	8/12/2019
Floor System		Damage/Wearout		Investigate drainage issues to keep corral dry	8/12/2019
Specialties		Damage/Wearout		Repair corrals	8/12/2019

BART FARM COLD STORAGE QUONSET

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Damage/Wearout		Repair electrical distribution	8/12/2019
Envelope		Damage/Wearout		Repair or replace exterior doors	8/12/2019
Finishes		Damage/Wearout		Repaint exterior siding	8/12/2019

Site		Damage/Wearout		Demolish requested	8/12/2019

BART FARM FARM SHOP

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
null		Damage/Wearout		Damaged soffit	4/1/2021

BART FARM FARRIER BUILDING

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace east barn door	8/12/2019
Foundations		Damage/Wearout		Monitor foundation cracks	8/12/2019
Site		Damage/Wearout		Replace sidewalk	8/12/2019

BART FARM FEED LOT POLE BARN

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Damage/Wearout		Upgrade electrical system	4/1/2021
Specialties		Damage/Wearout		Replace feed bunks with Grow Safe system	4/1/2021

BART FARM GIRVIN FARM BARN

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Roof replaced in 2014	8/12/2019
Site		Damage/Wearout		Repair corrals	8/12/2019

BART FARM GIRVIN FARM GRANARY

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Damage/Wearout		Demolish	8/12/2019

BART FARM GIRVIN FARM RESIDENCE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace windows	8/12/2019
Envelope		Damage/Wearout		Replace exterior doors	8/12/2019
HVAC System		Environmental Improve		Add heat upstairs.	8/12/2019

BART FARM GIRVIN FARM RESIDENCE 2 CAR GARAGE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated

Envelope		Damage/Wearout		Repaint exterior siding	8/12/2019
Envelope		Damage/Wearout		Replace garage doors (qty 2)	8/12/2019
Foundations		Damage/Wearout		Replace concrete slab	8/12/2019

BART FARM GRAIN BIN IN FRONT OF HORSE BARN

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Damage/Wearout		Tear down requested.	8/12/2019

BART FARM HAY SHED POLE BARN

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Other		Safety		HIGH PRIORITY	4/1/2021
Other		Safety		Risk of failure, Monitor condition.	4/1/2021
Other		Safety		Demolish requested.	4/1/2021

BART FARM HORSE HAY SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Floor System		Damage/Wearout		Add gravel and slope	8/12/2019
Site		Damage/Wearout		Monitor rotting post	4/1/2021

BART FARM HORTICULTURE FARM METAL STORAGE SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace plastic envelope every 2-3 years.	3/26/2021

BART FARM HORTICULTURE FARM MOVEABLE GREENHOUSE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace plastic envelope every 2-3 years.	3/26/2021
Envelope		Damage/Wearout		Replace plastic envelope every 2-3 years.	3/26/2021
Envelope		Damage/Wearout		Replace plastic envelope every 2-3 years.	3/26/2021

BART FARM HORTICULTURE FARM MOVEABLE GREENHOUSES

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace plastic envelope every 2-3 years	3/26/2021
Envelope		Damage/Wearout		Replace plastic envelope every 2-3 years.	3/26/2021

Envelope		Damage/Wearout		Replace plastic envelope every 2-3 years	3/26/2021

BART FARM HORTICULTURE FARM PUMP HOUSE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace building envelope	3/26/2021
Envelope		Damage/Wearout		Replace Building Roof	3/26/2021
Foundations		Damage/Wearout		Investigate Building Settlement	3/26/2021

BART FARM HORTICULTURE FARM WOOD CHICKEN COOP

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Damage/Wearout		Demolish requested	8/12/2019

BART FARM HORTICULTURE FARM WOOD OFFICE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Environmental Improve		Replace fixed windows with operable windows	3/26/2021

BART FARM MILLER LIVESTOCK PAVILLION

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace exterior sliding doors	4/1/2021
Envelope		Damage/Wearout		Replace entrance door	4/1/2021
Floor System		Damage/Wearout		Regrade west side annually	4/1/2021
Floor System		Damage/Wearout		Resurface pathways to prevent slip hazards	4/1/2021

BART FARM OSCAR THOMAS NUTRITION CENTER

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace damaged exterior metal panel siding	8/12/2019
Envelope		Damage/Wearout		Replace exterior overhead doors	8/12/2019
Plumbing System		Damage/Wearout		Insulate piping	6/21/2019
Plumbing System		Damage/Wearout		Restroom upgrades	8/12/2019
Site		Building Enhancements		Nutrition center lab renovation	1/14/2022

BART FARM OSCAR THOMAS NUTRITION CENTER GROW SAFE EQUIPMENT

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated

Envelope		Damage/Wearout		Replace exterior overhead door	4/1/2021

BART FARM OSCAR THOMAS NUTRITION CENTER OPEN HAY SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace exterior metal wall panels	8/12/2019
Roof System		Damage/Wearout		Replace roof	8/12/2019
Roof System		Safety		Address structural repairs - broken trusses	8/12/2019

BART FARM SWINE STORAGE SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Damage/Wearout		Demolish requested	8/12/2019

BART FARM SWINE TEST CENTER

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Damage/Wearout		Removal Requested	8/12/2019

BART POST AGRONOMY SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Building Enhancements		Add electricity	3/22/2021

CARC ANALYTICAL RESEARCH LABORATORY (DAIRY BARN)

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Repoint masonry at chimney	8/12/2019
HVAC System		Environmental Improve		Add air conditioning	1/18/2022

CARC CHEMICAL STORAGE/HANDLING FACILITY

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace wood trim and replace siding	3/15/2021
Roof System		Damage/Wearout		Replace Roof	3/15/2021

CARC HOUSE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace exterior siding.	3/15/2021
Foundations		Damage/Wearout		Monitor deteriorating foundation wall.	8/12/2019

HVAC System		Building Enhancements		Add soffit vents	8/12/2019
HVAC System		Environmental Improve		Add air conditioning	1/18/2022
Roof System		Damage/Wearout		Replace gutters	8/12/2019
Specialties		Building Enhancements		Add Wifi to building	3/15/2021

CARC IMPLEMENT SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Building Enhancements		Add interior lighting	8/12/2019
Envelope		Damage/Wearout		Replace wood siding with corrugated metal	8/12/2019
Roof System		Building Enhancements		Add snow and ice guards	8/12/2019

CARC OFFICE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Repaint and recaulk envelope	8/12/2019
HVAC System		Building Enhancements		Reconfigure HVAC in Office	8/12/2019
HVAC System		Environmental Improve		Add air conditioning	1/18/2022

CARC PESTICIDE HANDLING FACILITY/SHOP

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Repaint/recaulk siding	8/12/2019
Foundations		Damage/Wearout		Monitor foundation settlement	8/12/2019

CARC POLE MACHINE STORAGE SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace overhead door	8/12/2019
Envelope		Damage/Wearout		Replace siding and wood trim	3/15/2021

CARC REPAIR SHOP

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Building Enhancements		Add 220 lines to west wall	3/15/2021
Specialties		Building Enhancements		Add compressed air lines to west wall	8/12/2019

CARC SEED PROCESSING LABORATORY

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
HVAC System		Environmental Improve		Add heating on second floor.	3/15/2021

CARC SEED PROCESSING PLANT

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace damaged metal siding on east side	8/12/2019
Roof System		Damage/Wearout		Replace roof	3/15/2021

CARC SISTERN

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Damage/Wearout		Investigate break in sistern	8/12/2019

CARC STORAGE SHED/CAR GARAGE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Repaint/recaulk siding	8/12/2019

CARC WELL HOUSE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Roof System		Damage/Wearout		Replace Deteriorated Wood Shingle Roof	8/12/2019

EARC (NORTH) MACHINE SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Building Enhancements		Add electrical supply to shop	8/12/2019
Plumbing System		Safety		Add water supply for chemical mixing.	3/16/2021

EARC CHEMICAL STORAGE/HANDLING FACILITY

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Roof System		Building Enhancements		Install overhang over concrete pad.	3/16/2021

EARC COLD STORAGE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Building Enhancements		Add passenger door.	3/16/2021

EARC FOUNDATION SEED STORAGE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Building Enhancements		Investigate adding electricity	3/16/2021

EARC GAS TANKS

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Building Enhancements		Construct bollards around perimeter of tanks	8/12/2019

EARC GRANARY/GRINDING/DRYING LABORATORY

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Repair building envelope (Windows, metal trim)	3/16/2021
Roof System		Damage/Wearout		Replace Roof	3/16/2021

EARC HUBER SEED CLEANING/PROCESSING/PACKAGING SHOP

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace weatherstripping at overhead doors	8/12/2019
HVAC System		Environmental Improve		Add central fan	8/12/2019
Site		Building Enhancements		Add additional bay to east end for more storage.	3/16/2021

EARC MACHINE STORAGE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace window panels (qty 10)	3/16/2021

EARC MACHINERY SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Building Enhancements		Add interior LED lighting	3/16/2021

EARC MACHING STORAGE SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Damage/Wearout		Removal requested.	8/12/2019

EARC MAIN OFFICE- LABORATORY CLASSROOMS, MEETING ROOM, LABORATORY, GREENHOUSE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Finishes		Damage/Wearout		Replace all carpet.	3/16/2021

Foundations		Damage/Wearout		Re-pour first two sections of concrete	3/16/2021
HVAC System		Damage/Wearout		Check warranty of boiler. Needs replacement.	8/12/2019
HVAC System		Building Enhancements		Install Additional Boiler	3/16/2021

EARC MODULAR RESIDENCE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace exterior siding w/ aluminum.	3/16/2021

EARC SUPERITENDENT RESIDENCE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Damage/Wearout		Investigate rewire of house.	3/16/2021
Foundations		Damage/Wearout		Add railing at front entrance steps	3/16/2021
Site		Building Enhancements		Convert covered parking into garage	3/16/2021

EARCH FOREMAN RESIDENCE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace sliding door on deck	3/16/2021
Envelope		Damage/Wearout		Replace exterior deck and overhang.	3/16/2021
Foundations		Damage/Wearout		Regrade and surround building with gravel	3/16/2021

Equip. Storage - Formerly Research Distillation Facility

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Building Enhancements		Add electric outlets along walls	8/5/2019
Electrical System		Building Enhancements		Add LED lighting	3/18/2021
Finishes		Damage/Wearout		Repaint door trim every five years	8/5/2019
Floor System		Building Enhancements		Replace dirt floor with concrete	3/18/2021
Roof System		Building Enhancements		Add Gutters	3/18/2021

FORT ELLIS GRAIN BIN

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Damage/Wearout		Inactive. Removal requested	8/12/2019

FORT ELLIS HAY SHELTER (WEST)

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Other		Safety		Structural reinforcement	8/12/2019

FORT ELLIS HORSE BARN/LABORATORY

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Energy Conservation		Upgrade Lighting	8/12/2019
Envelope		Damage/Wearout		Paint Exterior Siding	8/12/2019
Envelope		Damage/Wearout		Replace exterior doors.	8/12/2019

FORT ELLIS PUMP HOUSE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Repair walls	8/12/2019
Roof System		Damage/Wearout		Repair roof	8/12/2019

FORT ELLIS RAM TEST SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Damage/Wearout		Investigate structural issues	8/12/2019
Site		Damage/Wearout		Replace gates	8/12/2019

FORT ELLIS RESEARCH SHEEP SHED AND SHOP

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Damage/Wearout		Upgrade electrical power	4/1/2021
Roof System		Damage/Wearout		Replace metal roof	8/12/2019
Site		Damage/Wearout		Investigate structural issues	8/12/2019

FORT ELLIS RESIDENCE #1

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Damage/Wearout		Electrical Upgrades	1/27/2022
Electrical System		Damage/Wearout		Window Replacement	1/27/2022
Envelope		Damage/Wearout		Repair and Paint Exterior	1/27/2022
Envelope		Damage/Wearout		Replace rear steps and deck.	1/27/2022

Envelope		Damage/Wearout		Replace porch	1/27/2022
Finishes		Damage/Wearout		Repair interior walls systems and finishes	1/27/2022
Floor System		Damage/Wearout		Replace flooring	1/27/2022
Foundations		Damage/Wearout		Foundation and basement excavation and repair	1/27/2022
Plumbing System		Damage/Wearout		Replace Supply, Waste & Fixtures	1/27/2022
Roof System		Damage/Wearout		Replace roof covering	1/27/2022
Safety System		Codes/Standards		Investigate Egress Requirements	1/27/2022
Site		Damage/Wearout		Install new septic system and drainfield	1/27/2022
Site		Damage/Wearout		Complete Building Renovation / Restoration	1/27/2022

Fort Ellis Residence #2

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Repoint Chimney	8/12/2019
Envelope		Damage/Wearout		Replace siding and insulation	8/12/2019

FORT ELLIS SCALE HOUSE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Damage/Wearout		Repair electrical distribution lines between bldgs	8/12/2019
Envelope		Damage/Wearout		Replace Exterior Doors	8/12/2019
Envelope		Damage/Wearout		Repaint exterior siding	8/12/2019
Roof System		Damage/Wearout		Replace metal roof	8/12/2019
Site		Damage/Wearout		Investigate Structural Issues	8/12/2019

FORT ELLIS SHEEP SHELTER

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Paint exterior siding	8/12/2019

FORT ELLIS STORAGE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Damage/Wearout		Upgrade electrical power and lighting	6/21/2021
Envelope		Damage/Wearout		Replace exterior doors	6/21/2021

Foundations		Damage/Wearout		Investigate cracks in foundation wall.	6/21/2019
Foundations		Damage/Wearout		Improve site drainage away from building	8/12/2019
Roof System		Damage/Wearout		Replace metal roof	8/12/2019

FORT ELLIS TWO CAR RESIDENT GARAGE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Paint exterior siding	8/12/2019
Roof System		Damage/Wearout		Replace Roof	8/12/2019

LUTZ FARM COW BARN

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Repaint as needed	3/22/2021

LUTZ FARM GARAGE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Repaint	3/22/2021
Roof System		Damage/Wearout		Replace Roof	3/22/2021

LUTZ FARM GRANARY

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Repaint as needed	3/22/2021
Other		Safety		Investigate structural integrity of foundation.	3/22/2021

LUTZ FARM OUTHOUSE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Repaint	3/22/2021

LUTZ FARM RESIDENCE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Repaint	3/22/2021

LUTZ FARM WELL HOUSE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Repaint	3/22/2021

Roof System		Damage/Wearout		Replace Roof	8/12/2019

NARC BIG RED BARN

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace and install metal siding.	3/17/2021
Roof System		Damage/Wearout		Replace roof	3/17/2021
Site		Damage/Wearout		Investigate structural repairs.	8/12/2019

NARC BULL BARN

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Damage/Wearout		Upgrade Electrical	3/17/2021
Envelope		Damage/Wearout		Paint exterior	8/12/2019

NARC CATTLE RESEARCH SCALE HOUSE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Roof System		Environmental Improve		Spray foam insulation	3/17/2021

NARC GARAGE #1

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace windows, seals and hardware	8/12/2019
Envelope		Damage/Wearout		Repair exterior masonry	3/17/2021
Floor System		Damage/Wearout		Replace/repair floor structure and wood floor	3/17/2021
Roof System		Damage/Wearout		Replace roof covering	3/17/2021

NARC GARAGE #2

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Damage/Wearout		Removal requested and replace with new structure	8/12/2019

NARC GROWSAFE FEEDING BINS & STRUCTURE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
null		Building Enhancements		Add overhead covering.	3/17/2021

NARC LIVING QUARTERS, APARTMENT 9

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated

Envelope		Damage/Wearout		Replace windows and hardware	8/12/2019
Envelope		Damage/Wearout		Repair/replace/ refinish exterior wood trim	8/12/2019
Roof System		Damage/Wearout		Repair wood gutter	8/12/2019
Roof System		Damage/Wearout		Repair slate roofing	3/17/2021

NARC LOWER CALVING SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Damage/Wearout		Demolish	3/17/2021

NARC MACHINE SHED & OLD SHOP

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Damage/Wearout		Upgrade electrical system	8/12/2019
Envelope		Damage/Wearout		Replace north overhead doors	3/17/2021
Envelope		Damage/Wearout		Repair / Replace Sliding Ext. Door	3/17/2021
HVAC System		Damage/Wearout		Replace furnace	8/12/2019
Roof System		Damage/Wearout		Replace metal roof	8/12/2019

NARC MACHINE/STORAGE SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace weather stripping	8/12/2019
Floor System		Damage/Wearout		Fill interior with gravel footing	3/17/2021

NARC MULTIPURPOSE SHOP/OFFICE/BREAKROOM

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Finishes		Building Enhancements		White appoxy flooring needed	8/12/2019
Site		Building Enhancements		Man lift needed in this facility	8/12/2019

NARC N DUPLX APARTMENTS 7 AND 8

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Repair/replace front porch	8/12/2019
Envelope		Damage/Wearout		Re-point/refinish exterior masonry	8/12/2019
Envelope		Damage/Wearout		Replace windows and hardware	8/12/2019

Envelope		Damage/Wearout		Replace wood trim and fascia	3/17/2021
Foundations		Damage/Wearout		Investigate structural condition	8/12/2019
Roof System		Damage/Wearout		Replace roof	8/12/2019
Roof System		Damage/Wearout		Replace wooden gutters	3/17/2021

NARC OFFICE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Energy Conservation		Add Storm Windows	3/17/2021
Roof System		Damage/Wearout		Replace roof covering	8/12/2019

NARC OFFICE AND SEED LABORATORY

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
HVAC System		Environmental Improve		Wet Lab Temp Control - HIGH PRIORITY.	3/17/2021
Roof System		Safety		Add Ice Dams to Roof	3/17/2021

NARC PUMP HOUSE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Foundations		Damage/Wearout		Brace foundation	3/17/2021
Site		Damage/Wearout		Removal requested and replace with new structure	3/17/2021

NARC RESEARCH STEER BARN

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Finishes		Damage/Wearout		Paint exterior of old barn	8/12/2019
Roof System		Damage/Wearout		Replace corrugated metal roof	8/12/2019
Site		Damage/Wearout		Investigate structural repairs.	8/12/2019
Site		Damage/Wearout		Demolish and replace west wing	3/17/2021

NARC SIX UNIT APARTMENT

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace windows and hardware	8/12/2019
Envelope		Damage/Wearout		Repair/repoint exterior masonry	8/12/2019
Envelope		Damage/Wearout		Repair/replace exterior wood trim and gutters	3/17/2021

Roof System		Damage/Wearout		Replace gutters	8/12/2019
Roof System		Damage/Wearout		Replace Roof	3/17/2021

NARC STORAGE SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Repaint	3/17/2021

NARC SUPPLEMENTAL FEED RESEARCH

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Add Rubber Spray Around Exterior Base	3/17/2021

NARC THACKERAY GARAGE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Finishes		Damage/Wearout		Paint as needed.	3/17/2021

NARC THACKERAY HAY SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Codes/Standards		Demolish	3/17/2021

NARC THACKERAY MACHINE SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Roof System		Building Enhancements		Add Gutters	3/17/2021
Roof System		Damage/Wearout		Replace Roof Sky Panels	3/17/2021

NARC THACKERAY METAL SHOP

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Damage/Wearout		Upgrade Electrical System	3/17/2021

NARC THACKERAY OLD SCHOOL HOUSE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Damage/Wearout		Removal requested.	3/17/2021

NARC THACKERAY OUTHOUSE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Paint Exterior	3/17/2021

NARC THACKERAY PINK CALVING SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Damage/Wearout		Demolish	3/17/2021

NARC THACKERAY RED MACHINE SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Damage/Wearout		Removal requested.	3/17/2021

NARC THACKERAY RESIDENCE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Damage/Wearout		Upgrade Electrical System	8/12/2019
Envelope		Damage/Wearout		Rebuild porch	8/12/2019
Finishes		Damage/Wearout		Pressure wash/repaint envelope	8/12/2019
Roof System		Damage/Wearout		Replace roof.	8/12/2019

NARC THACKERAY STOCK SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace siding and flashing	8/12/2019

NARC UPPER CALVING BARN

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace exterior door seals	8/12/2019

NARC Valve House

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Damage/Wearout		Removal requested and replace with new structure.	8/12/2019

NWARC CROPS RESIDENCE/OFFICE/LABORATORY

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Other		Building Enhancements		Need Additional Conference/Brake Room Space	3/18/2021
Roof System		Building Enhancements		Add entrance canopy to east door.	8/5/2019

NWARC FUEL TANKS

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated

Other		Damage/Wearout		When replaced, will have to meet DEQ code.	3/18/2021

NWARC GARAGE/TWO WET LABORATORIES

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Building Enhancements		Add lighting (LED)	3/18/2021
Envelope		Damage/Wearout		Replace siding	8/5/2019
Envelope		Damage/Wearout		Replace exterior windows	3/18/2021
Roof System		Damage/Wearout		Replace roof	8/5/2019
Roof System		Codes/Standards		Replace gutter and add heat tape	8/5/2019
Site		Building Enhancements		Current Lab Space not Suitable for Modern Research	3/18/2021

NWARC GREENHOUSE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Energy Conservation		Upgrade lighting to LED	3/18/2021
Envelope		Damage/Wearout		Replace Exterior Envelope Covering	3/18/2021

NWARC MACHINE SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Building Enhancements		Add electrical outlets along all walls	8/5/2019
Electrical System		Building Enhancements		Add LED Lighting	3/18/2021
Envelope		Damage/Wearout		Replace slider doors with overhead door	6/21/2019
Envelope		Damage/Wearout		Replace exterior siding	3/18/2021
Floor System		Building Enhancements		Replace dirt floor with concrete	8/5/2019
Site		Building Enhancements		Add mow strip around perimeter	8/5/2019

NWARC PESTICIDE BUILDING

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Monitor condition of exterior posts	3/18/2021
Site		Building Enhancements		Add mow strip around primeter	8/5/2019

NWARC RESIDENCE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated

Envelope		Damage/Wearout		Replace basement windows	8/5/2019
Foundations		Damage/Wearout		Monitor condition of foundation	3/18/2021
Other		Building Enhancements		Add mow strip to perimeter to house for protection	8/5/2019

NWARC RESIDENCE GARAGE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
HVAC System		Codes/Standards		Add gable vents to improve ventilation	8/5/2019

NWARC SHOP

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace exterior windows.	8/5/2019
Envelope		Damage/Wearout		Replace existing siding with composite siding.	3/18/2021
Roof System		Damage/Wearout		Build retaining wall on east side.	8/5/2019
Roof System		Damage/Wearout		Replace Roof	3/18/2021
Roof System		Damage/Wearout		Replace roof and exterior wall insulation	3/18/2021

NWARC VEHICLE REPAIR SHOP

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Building Enhancements		Add mow strip around perimeter	8/5/2019

POST FARM CHEMICAL SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Plumbing System		Codes/Standards		Enclose holding tank	3/22/2021

POST FARM CHEMICAL STORAGE/HANDLING FACILITY

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace windows	3/22/2021

POST FARM COMBINE/EQUIPMENT SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace overhead doors	3/22/2021

POST FARM FUEL TANK

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated

Site		Damage/Wearout		Replace gas pump and diesel pump.	3/22/2021

POST FARM MACHINE STORAGE SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Reinforce posts	3/22/2021
Envelope		Damage/Wearout		Replace overhead door	3/22/2021

POST FARM SEED PLANT

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Damage/Wearout		Regrade and gravel to improve drainage.	8/12/2019

POST FARM SHOP BUILDING

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace overhead doors	3/22/2021

POST FARM WEATHER STATION

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace Door	8/12/2019

RED BLUFF BOTTOM HOPPER BINS

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Foundations		Building Enhancements		Remove concrete slabs when owner takes bin.	8/12/2019

RED BLUFF CALVING BARN

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Building Enhancements		Replace NW and SE sliding doors with overhead	3/30/2021
Plumbing System		Damage/Wearout		Replace water tanks (qty 2)	3/30/2021
Roof System		Building Enhancements		Construct lean-to over all exterior doors	3/30/2021
Site		Damage/Wearout		Rebuild pens with continuous 5 rails (800ft)	3/30/2021

RED BLUFF FIELD SHED #3

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Damage/Wearout		Demolish	8/12/2019

RED BLUFF FIELD SHED #4

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Damage/Wearout		Demolish	8/12/2019

RED BLUFF FIELD SHED #5

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Other		Damage/Wearout		Demolish	8/12/2019

RED BLUFF GARAGE #1

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Building Enhancements		Insulate garage	3/30/2021

RED BLUFF GARAGE #2

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Building Enhancements		Insulate Garage	3/30/2021

RED BLUFF LAMBING BARN

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Damage/Wearout		Upgrade electrical system (outlets do not work)	8/12/2019
Electrical System		Environmental Improve		Add exterior flood lights at each door (qty 4)	3/30/2021
Envelope		Damage/Wearout		Repair exterior metal siding.	8/12/2019
Envelope		Damage/Wearout		Investigate repair exterior wooden base-boards.	8/12/2019
Envelope		Damage/Wearout		Replace exterior doors with overhead (10x15ft)	3/30/2021
Floor System		Damage/Wearout		Repair and improve access to storage loft	8/12/2019
HVAC System		Damage/Wearout		Repair ceiling vents (not operable)	8/12/2019
HVAC System		Building Enhancements		Add gable vents on North and South sides	3/30/2021
Roof System		Building Enhancements		Construct lean-to at each door to divert snow fall	8/12/2019
Roof System		Damage/Wearout		Replace metal roof covering	3/30/2021
Specialties		Building Enhancements		Add metal gates to east doors	3/30/2021

RED BLUFF MIXING BARN

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated

Envelope		Damage/Wearout		Replace exterior stock doors	8/12/2019
Envelope		Damage/Wearout		Replace exterior windows	8/12/2019
Envelope		Damage/Wearout		Replace exterior sliding doors	8/12/2019
Envelope		Damage/Wearout		Replace deteriorating structural posts	8/12/2019
Envelope		Damage/Wearout		Repaint exterior or replace with metal siding.	8/12/2019
Other		Damage/Wearout		Consider replacement with pole barn	3/30/2021
Plumbing System		Damage/Wearout		Repair hydrant in SW corner (not working)	8/12/2019
Roof System		Damage/Wearout		Replace metal roof (100ft long)	8/12/2019
Site		Damage/Wearout		Investigate/Repair structural issues	8/12/2019

RED BLUFF MIXING BARN #2

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Building Enhancements		Add electrical outlets (qty 2) and light interior	3/30/2021
Foundations		Damage/Wearout		Regrade exterior with positive slope	8/12/2019
Plumbing System		Building Enhancements		Add water hydrant on south end	3/30/2021
Roof System		Codes/Standards		Add ~8-10 ft deep lean-to on west side	3/30/2021

RED BLUFF RESIDENCE #1

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Retain structural beams on porches as needed.	8/12/2019
Plumbing System		Codes/Standards		Add water softener	3/30/2021
Plumbing System		Damage/Wearout		Repair/Replace supply piping damage	3/30/2021
Roof System		Damage/Wearout		Repair soffit - damaged by wind	8/12/2019

RED BLUFF RESIDENCE #2

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Repaint structural deck posts/beams	8/12/2019
Envelope		Damage/Wearout		Caulk siding where repaired on NE side	8/12/2019
Plumbing System		Codes/Standards		Add water softener	3/30/2021

RED BLUFF SHEEP OFFICE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace windows (qty 2)	8/12/2019
Envelope		Damage/Wearout		Repaint exterior man-door trim.	8/12/2019
Finishes		Damage/Wearout		Investigate/Repair water damage on ceiling	8/12/2019
Roof System		Building Enhancements		Add gutters/down spouts on east and west side	8/12/2019

RED BLUFF SHOP

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Codes/Standards		Replace weather stripping on exterior man-doors	8/12/2019
Envelope		Damage/Wearout		Stain exterior beams as needed.	8/12/2019
Other		Damage/Wearout		Investigate solutions to clear bird nests.	3/30/2021
Plumbing System		Damage/Wearout		Replace exterior hose bibs (not working, qty 3))	3/30/2021
Site		Damage/Wearout		Monitor condition of warping lean-to cross beam.	3/30/2021
Specialties		Damage/Wearout		Install storage loft in shop (8x24x5ftdeep)	3/30/2021

RED BLUFF STONE COW BARN

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Damage/Wearout		Demolish	8/12/2019

SARC BARN CENTER CONDEMNED SECTION

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Paint exterior	8/12/2019

SARC CEREAL/CROPS LABORATORY

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Repaint exterior	8/12/2019
Envelope		Damage/Wearout		Replace roof	8/12/2019
Envelope		Damage/Wearout		Investigate interior damage	3/15/2021
Foundations		Damage/Wearout		Investigate cracks in foundation walls	8/12/2019

SARC CHEMICAL STORAGE/WET LABORATORY

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Building Enhancements		Wireless internet connectivity needed	3/15/2021
Other		Building Enhancements		Enclosing Exterior Tanks	3/15/2021

SARC DRYING ROOM EAST BARN COMPLEX

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Paint exterior siding	8/12/2019
Roof System		Damage/Wearout		Replace Roof	8/12/2019

SARC HARVESTORE SILO

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Other		Damage/Wearout		Removal requested. Not used.	6/21/2019

SARC HORSE BARN/MACHINE SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Damage/Wearout		Replace/upgrade electrical service/distribution	8/12/2019
Envelope		Damage/Wearout		Paint exterior siding	8/12/2019
Foundations		Damage/Wearout		Investigate cracks in foundation walls	8/12/2019
Roof System		Damage/Wearout		Replace metal roof	8/12/2019

SARC MACHINE SHED #1

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
null		Damage/Wearout		Paint wood trim	8/12/2019

SARC MACHINE SHED #2

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Roof System		Damage/Wearout		Replace roof	8/12/2019
Site		Building Enhancements		Investigate structural capacity of loft space.	8/12/2019

SARC MACHINE SHED #3

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Safety		Update electrical safety concerns and add lights	3/15/2021

Floor System		Damage/Wearout		Add gravel to foundation	8/12/2019

SARC MACHINE SHED #4

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Building Enhancements		Add lighting	8/12/2019
Floor System		Building Enhancements		Add 6 inch concrete floor and apron	8/12/2019
Roof System		Building Enhancements		Add covered storage to building	3/15/2021

SARC OFFICE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
HVAC System		Environmental Improve		Investigate upgrades for HVAC.	3/15/2021
HVAC System		Building Enhancements		Install split unit AC system in weeds lab	3/15/2021

SARC PUMP HOUSE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Paint exterior siding	8/12/2019
Plumbing System		Damage/Wearout		Replace deteriorated concrete top to pumps	8/12/2019

SARC RESIDENCE #3

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Paint exterior siding as needed	8/12/2019
Other		Safety		Asbestos Abatement	3/15/2021

SARC RESIDENCE #4

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Other		Safety		Asbestos Abatement	3/15/2021

SARC SHOP

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Codes/Standards		Add 2 220 power circuits	8/12/2019
Roof System		Damage/Wearout		Install snow stopper on roof	3/15/2021
Specialties		Building Enhancements		Upsize compressed air lines	3/15/2021

SARC SOUTHERN ANNEX BARN COMPLEX

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Damage/Wearout		Upgrade electric service capacity and distribution	8/12/2019
Envelope		Damage/Wearout		Paint exterior siding as needed	3/15/2021
Roof System		Damage/Wearout		Replace rusting roof panels	8/12/2019

SARC WEST RESIDENCE GARAGE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Paint exterior siding	8/12/2019

SARC WESTERN ANNEX BARN COMPLEX

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Paint exterior siding	8/12/2019
Foundations		Damage/Wearout		Monitor foundation spalling	8/12/2019

Shed #2

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Repaint	3/22/2021
Roof System		Damage/Wearout		Replace Roof	8/12/2019

WARC BIO LABORATORY/GREENHOUSE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Repaint exterior of enterance enclosure	8/12/2019
Plumbing System		Codes/Standards		Add utility sinks to facility to wash pots, etc.	8/12/2019

WARC BIO LABORATORY/LUNCH ROOM

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Codes/Standards		PLAN B: Install built-in serge protection at panel	8/12/2019
HVAC System		Codes/Standards		PLAN B: Upgrade HVAC System	8/12/2019
Site		Building Enhancements		PLAN B: Create space for wet lab.	8/12/2019
Site		Building Enhancements		PLAN B: Add sink and more wet lab benches	8/12/2019
Site		Damage/Wearout		PLAN B: Updates for lab with minimum functionality	8/12/2019

Site		Building Enhancements		PLAN A: Convert to student housing	3/18/2021

WARC FERTILIZER/PAINT STORAGE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Roof System		Damage/Wearout		Add gutters on North side and connect to drain.	8/12/2019

WARC FUEL TANKS

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Damage/Wearout		Replace gas pumps	8/12/2019

WARC GRIND ROOM/GREENHOUSE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Poor insulation	8/12/2019
Envelope		Damage/Wearout		Rotted siding with holes in walls. Pest issues.	8/12/2019
Envelope		Damage/Wearout		Sill plate rotted in multiple locations	8/12/2019
Envelope		Damage/Wearout		Windows rotted, leaking and uninsulated	8/12/2019
Finishes		Damage/Wearout		Lead paint and likely asbestos floor tiles.	8/12/2019
Foundations		Damage/Wearout		Building is sloped - Monitor foundation issues	8/12/2019
HVAC System		Codes/Standards		Active gas lines in seed storage and main room.	8/12/2019
HVAC System		Damage/Wearout		Insufficient ventilation/air filtration	8/12/2019
Other		Building Enhancements		PLAN B: Temporary plan to improve function/safety	8/12/2019
Other		Building Enhancements		Insufficient place to work.	8/12/2019
Roof System		Damage/Wearout		Roof sagging on south side	8/12/2019
Site		Damage/Wearout		PLAN A: Demolish grinding rooms	8/12/2019

WARC HOOPHOUSE #1

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Plumbing System		Building Enhancements		Add frost-free hydrant and water supply.	8/12/2019

WARC HOOPHOUSE #2

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Plumbing System		Building Enhancements		Add frost-free hydrant and water supply.	8/12/2019

WARC HORTICULTURE AND SOILS LABORATORY

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Extensive rot in eaves and siding.	8/12/2019
Envelope		Damage/Wearout		Siding does not seal exterior from pests	8/12/2019
Envelope		Damage/Wearout		Sill plate rotten in several locations	8/12/2019
Floor System		Damage/Wearout		Failed/rotten floor supports in basement.	8/12/2019
Floor System		Damage/Wearout		Floor insulated with sawdust and poorly sealed	8/12/2019
Foundations		Damage/Wearout		Concrete floor in N. Addition is poorly supported	8/12/2019
Plumbing System		Damage/Wearout		Poor insulation. Pipes freeze in sub zero temps	8/12/2019
Roof System		Damage/Wearout		Roof sagging on both east and west sides	8/12/2019
Site		Damage/Wearout		PLAN A: Demolish	8/12/2019
Site		Damage/Wearout		PLAN B: Minor updates to temporarily use lab space	8/12/2019

WARC MAIN OFFICE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace windows	3/18/2021
Envelope		Damage/Wearout		Replace siding	3/18/2021
Finishes		Damage/Wearout		Replace floor finishes	3/18/2021
Other		Building Enhancements		Investigate permanent solution to pest entry	8/12/2019
Roof System		Damage/Wearout		Replace roof covering	3/18/2021
Roof System		Codes/Standards		Install roof insulation	3/18/2021

WARC RENTAL HOUSE/OFFICE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace windows with operable	8/12/2019
Envelope		Damage/Wearout		Replace concrete steps to north entrance with smal	8/12/2019
Roof System		Damage/Wearout		Replace roof	8/12/2019
Roof System		Codes/Standards		Add gutters and down spouts	8/12/2019

WARC STORAGE SHED

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Roof System		Damage/Wearout		Replace roof	8/12/2019
Site		Building Enhancements		Remove and patch west door	8/12/2019

WARC TOOL SHED & COLD FOOD STORAGE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Damage/Wearout		Replace lighting and fixtures with LED	8/12/2019
Floor System		Building Enhancements		Add vinyl flooring in cold storage.	8/12/2019
Other		Building Enhancements		Rebuild/Relocate loft.	8/12/2019
Plumbing System		Codes/Standards		Install hand wash sink	8/12/2019
Roof System		Damage/Wearout		Replace/add gutters and down spouts	8/12/2019
Site		Damage/Wearout		Regrade exterior to slope away from foundation	8/12/2019

WARC TRACTOR/EQUIPMENT STORAGE & MACHINE SHOP

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Damage/Wearout		Upgrade lighting distribution and install LEDs in	8/12/2019
Envelope		Damage/Wearout		Provide/Install New Siding	6/28/2019
Envelope		Damage/Wearout		Repair north and west walls	8/12/2019
Envelope		Damage/Wearout		Remove dividing center shop wall and add ext. Door	8/12/2019
Envelope		Damage/Wearout		Replace exterior shop windows	8/12/2019
null		Building Enhancements		Add gas heat to Shop	6/28/2019
Other		Damage/Wearout		Tractor shed space inadequate and not large enough	8/12/2019
Plumbing System		Building Enhancements		Upgrade Water Supply Line	6/28/2019
Plumbing System		Damage/Wearout		Replace compressed air piping	8/12/2019
Roof System		Damage/Wearout		Investigate structural repairs to tractor shed	6/21/2019
Roof System		Building Enhancements		Provide/Install Gutters	8/12/2019
Roof System		Environmental Improve		Insulate shop	8/12/2019

WTARC EQUIPMENT STORAGE AND SHOP

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Damage/Wearout		Replace/Upgrade light to LEDs's	8/12/2019
Finishes		Damage/Wearout		Replace wall between bathroom and storage area	3/16/2021
Roof System		Damage/Wearout		Replace roof with better skylights and insulation	8/12/2019
Roof System		Building Enhancements		Add new insulation throughout envelope/roof.	3/16/2021
Roof System		Damage/Wearout		Remove old insluation	3/16/2021

WTARC FERTILIZER STORAGE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Building Enhancements		Add power.	3/16/2021
Envelope		Damage/Wearout		Replace siding with metal	8/12/2019

WTARC FUEL TANKS

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Site		Codes/Standards		Replace with double wall tanks (qty 2)	8/12/2019

WTARC LABORATORY/OFFICE BLDG

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System		Damage/Wearout		Replace light fixtures/ Upgrade to LED	3/16/2021
Foundations		Damage/Wearout		Monitor settling foundation	8/12/2019
Plumbing System		Damage/Wearout		Monitor drain field	8/12/2019
Plumbing System		Building Enhancements		Install sump pump in crawl space.	3/16/2021

WTARC MODULAR OFFICE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Replace skirting	3/16/2021
Envelope		Damage/Wearout		Paint exterior	3/16/2021

WTARC SEED PROCESSING LAB

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
HVAC System		Damage/Wearout		Monitor condensate for furnace freezing.	3/16/2021

WTARC STORAGE AND HANDLING FACILITY

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope		Damage/Wearout		Monitor cracks in walls	8/12/2019
Foundations		Damage/Wearout		Monitor settling foundation	8/12/2019

WTARC Well House

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Plumbing System		Damage/Wearout		Replace Pump System	3/16/2021

MONTANA STATE UNIVERSITY - BILLINGS

APSARUKE HALL

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Building Service	Energy Conservation	15%	Replace T-8 lamps and fixtures w/LED when applicable.	6/6/2019
Envelope	Exterior Walls	Damage/Wearout	1%	INSPECT/REPAIR MASONRY VENEER JOINT DAMAGE @ EAST FACING WALL ADJ TO SERVICE DRIVE.	6/15/2007
Envelope	Exterior Windows	Energy Conservation	90%	Replace single pane windows.	5/17/2013
Envelope	Exterior Windows	Environmental Improve	10%	MITIGATE SOLAR HEAT GAIN FROM SOUTHSIDE WINDOWS.	5/17/2013
Envelope	Exterior Walls	Damage/Wearout	1%	Replace coping.	6/17/2015
Envelope	Exterior Walls	Damage/Wearout	1%	Replace brick and repoint brick on top of chimney stack.	6/17/2015
Finishes	Ceilings	Damage/Wearout	10%	Repair/ replace ceiling tiles.	7/22/2009
Finishes	Interior Doors/Yhard	Damage/Wearout	3%	Replace delamintated doors and fire doors w/stops.	5/17/2013
Finishes	Floor Finishes	Damage/Wearout	5%	Repair/replace carpet.	6/14/2017
Finishes	Wall Finishes	Damage/Wearout	10%	Repaint.	6/14/2017
Foundations	Exterior Steps/Retaini	Damage/Wearout	2%	Repair concrete SE entry.	6/17/2015
HVAC System	Cooling	Energy Conservation	5%	Add VFD's to chilled water pumps.	6/14/2017
HVAC System	Heating	Energy Conservation	5%	Add VFD's to heating / water pumps.	6/14/2017
HVAC System	Heating	Damage/Wearout	2%	Replace aging pneumatic thermostats (2/3 completed).	6/6/2019
HVAC System	Ventilating	Building Enhancements	10%	Convert AHU to digital control.	6/6/2019
HVAC System	Heating	Damage/Wearout	1%	Replace flex piping on FC's heat piping (1st and 3rd floor complete).	6/6/2019
HVAC System	Heating	Building Enhancements	10%	Upgrade AHU to digital controls.	6/6/2019
Plumbing System	Fixtures	Damage/Wearout	5%	Replace exterior hose bibbs with freeze-proof type.	6/17/2015
Plumbing System	Fixtures	Damage/Wearout	25%	Replace original fixtures with low flow.	6/9/2019
Plumbing System	Waste	Damage/Wearout	80%	Replace waste piping - beyond EUL. No curent deficiencies.	3/12/2021
Plumbing System	Supply	Damage/Wearout	80%	Replace galavanized water piping.	3/29/2021
Roof System	Covering	Damage/Wearout	10%	Repair lower West roof (no recent leaks reported).	6/14/2017

Safety System	Egress	Codes/Standards	10%	BRING "RESCUE ASSISTANCE" AREAS UP TO CODE.	10/9/2001
Safety System	Extinguishing System	Codes/Standards	100%	INSTALL FIRE SUPPRESSION SYSTEM.	5/15/2003
Safety System	Exit/Emergency Lighti	Codes/Standards	75%	Install fire alarm system.	6/14/2017
Safety System	Exit/Emergency Lighti	Codes/Standards	25%	Install LED emergency lighting.	6/6/2019

ART ANNEX

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Building Service	Building Enhancements	100%	Upgrade main service.	5/17/2013
Electrical System	Distribution	Building Enhancements	10%	Add more MDP space.	6/17/2015
Electrical System	Voice/Data	Building Enhancements	10%	Provide room for IT rack.	6/17/2015
Electrical System	Lighting	Energy Conservation	50%	Upgrade lighting to LED throughout.	3/29/2021
Envelope	Exterior Windows	Energy Conservation	100%	REPLACE WINDOWS WITH THERMOPANE TYPE.	6/15/2007
Envelope	Exterior Walls	Damage/Wearout	10%	INSPECT/RESTORE/REPAIR EXTERIOR WALL FINISHES & TRANSITIONS.	6/15/2007
Envelope	Exterior Doors/Hatch	Damage/Wearout	50%	REPLACE EXTERIOR DOORS.	7/27/2011
Envelope	Exterior Doors/Hatch	Energy Conservation	4%	Replace west entrance doors. Metal doors failing (stonefront).	6/17/2015
Envelope	Exterior Walls	Damage/Wearout	2%	Paint exterior wood.	6/17/2015
Envelope	Exterior Walls	Damage/Wearout	20%	Paint exterior concrete masonry.	6/17/2015
Finishes	Interior Doors/Yhard	Damage/Wearout	50%	Repair/ replace worn out doors.	7/27/2011
Finishes	Wall Finishes	Damage/Wearout	50%	Paint walls.	5/17/2013
Finishes	Floor Finishes	Damage/Wearout	10%	Remove remaining VAT tiles in South Classroom and use concrete slab as finish material.(25% of tiles missing and the rest is wearing out)	5/17/2013
Finishes	Ceilings	Damage/Wearout	20%	Paint ceilings.	6/17/2015
Finishes	Ceilings	Damage/Wearout	80%	REPLACE ACOUSTICAL TILE CEILING.	6/14/2017
Floor System	Floor Structure	Damage/Wearout	20%	REPAIR/REPLACE CONCRETE FLOOR AS NEEDED.	10/9/2001
Foundations	Footings/Foundation	Damage/Wearout	10%	Inspect/ repair settlement at foundation.	5/17/2013
Foundations	Exterior Steps/Retaini	Codes/Standards	15%	BRING EXTERIOR STAIR HANDRAIL UP TO CODE.	5/17/2013
HVAC System	Cooling	Damage/Wearout	45%	REPLACE CONDENSING UNITS.	5/13/2013

HVAC System	Ventilating	Damage/Wearout	15%	Install exhust system in covered foundry area.	5/17/2013
HVAC System	Ventilating	Codes/Standards	5%	INSTALL EXHAUST IN RESTROOMS.	5/17/2013
HVAC System	Heating	Damage/Wearout	30%	Replace roof top unit.	6/6/2019
HVAC System	Heating	Damage/Wearout	70%	REPLACE FURNACES & UH WITH SEALED COMBUSTION EQUIPMENT.	6/6/2019
HVAC System	Ventilating	Damage/Wearout	30%	Replace two roof top make-up air units.	6/6/2019
Plumbing System	Waste	Damage/Wearout	100%	Replace waste / vent piping.	6/17/2015
Plumbing System	Fixtures	Damage/Wearout	50%	Replace original fixtures with low flow.	6/6/2019
Plumbing System	Supply	Damage/Wearout	100%	Replace galvanized piping.	6/6/2019
Roof System	Covering	Damage/Wearout	100%	Re-roof shed at North side.	6/14/2017
Safety System	Extinguishing System	Codes/Standards	100%	INSTALL FIRE SUPPRESSION SYSTEM.	5/15/2003
Safety System	Egress	Codes/Standards	30%	CONDUCT CHAPTER 10 CODE EVAL FOR ENTIRE BLDG.	6/15/2007
Safety System	Exit/Emergency Lighti	Codes/Standards	100%	Install fire smoke detection, upgrade fire alarm system and install LED emergency lighting.	5/17/2013
Specialties	Toilet Partitions	Damage/Wearout	20%	Replace.	7/22/2009
Specialties	Cabinets/Chalkboards	Damage/Wearout	40%	REPLACE ALL CABINETS, ALL COUNTERS.	5/17/2013

CISEL HALL / MUSIC

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Damage/Wearout	40%	Obsolete eequipment/parts, can no longer replace.	6/6/2019
Electrical System	Building Service	Energy Conservation	15%	Upgrade lighting from T-8 to LED.	6/6/2019
Envelope	Exterior Doors/Hatch	Damage/Wearout	5%	RESTORE/REPAINT/RECAULK EXTERIOR HOLLOW METAL FRAMES AT WEST ADDITION.	6/14/2007
Envelope	Exterior Walls	Damage/Wearout	4%	CLEAN/RESTORE/REPOINT EXTERIOR MASONRY ELEMENTS AT ORIG BLDG.	5/17/2013
Envelope	Exterior Windows	Damage/Wearout	4%	REPAIR SILLS AT LOWEST LEVEL WINDOWS.	5/17/2013
Envelope	Exterior Doors/Hatch	Damage/Wearout	15%	Replace southwest and North metal doors, transoms and frame.	6/17/2015
Envelope	Exterior Walls	Damage/Wearout	1%	Prep and repaint lintels on the West side of building.	6/17/2015
Envelope	Exterior Windows	Damage/Wearout	96%	REPLACE WINDOWS WITH THERMAL PANE TYPE.	6/14/2017
Finishes	Interior Doors/Yhard	Damage/Wearout	10%	INSPECT/REPAIR/REPLACE INTERIOR DOOR HARDWARE.	7/27/2011

Finishes	Ceilings	Damage/Wearout	10%	REPLACE DAMAGED CEILING TILE.	5/17/2013
Finishes	Wall Finishes	Damage/Wearout	5%	Remove deteriorated CT wall tile in abandoned shower areas in restrooms.	6/14/2017
Finishes	Wall Finishes	Damage/Wearout	1%	Reapaint as needed.	3/29/2021
Finishes	Floor Finishes	Damage/Wearout	50%	Replace floor finishes.	3/29/2021
Foundations	Footings/Foundation	Damage/Wearout	10%	REPAIR TOP OF FOUNDATION WALLS.	10/9/2001
Foundations	Footings/Foundation	Damage/Wearout	10%	Seal joints at junction of concrete pads to building foundation. (Water seepage into boiler room)	5/17/2013
Foundations	Footings/Foundation	Damage/Wearout	5%	Address drainage issues around building. (a lot of work has been done on this item)	6/17/2015
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Replace exterior steps (NE entrance)	6/17/2015
Foundations	Footings/Foundation	Damage/Wearout	10%	Address needed repairs to foundation at NW corner due to building settlement (2018 esitimate of about $30k to fix it).	3/12/2021
HVAC System	Ventilating	Codes/Standards	5%	INSTALL EXHAUST IN ORIGINAL BUILDING RESTROOMS.	1/18/1995
HVAC System	Cooling	Building Enhancements	50%	REPLACE EXISTING WINDOW A/C WITH CENTRAL A/C IN ORIGINAL BUILDING.	5/15/2003
HVAC System	Heating	Damage/Wearout	5%	REPLACE FLEX PIPING CONNECTORS AT FAN COIL UNITS.	6/13/2007
HVAC System	Cooling	Damage/Wearout	10%	Replace pneumatic controls w/digital.	5/17/2013
HVAC System	Cooling	Damage/Wearout	45%	Replace R-22 Chiller.	5/17/2013
HVAC System	Heating	Damage/Wearout	5%	Replace fan coil units.	5/17/2013
HVAC System	Ventilating	Damage/Wearout	10%	Replace pneumatic controls w/digital.	6/14/2017
HVAC System	Heating	Damage/Wearout	10%	Replace pneumatic controls w/digital.	6/14/2017
HVAC System	Cooling	Damage/Wearout	5%	Replace flex piping connectors at fan cool units.	6/6/2019
Plumbing System	Fixtures	Damage/Wearout	75%	Replace fixtures in original building w/low-flow	6/14/2017
Plumbing System	Fixtures	Building Enhancements	25%	Remove abandoned showers.	6/6/2019
Plumbing System	Supply	Damage/Wearout	80%	Replace hot and cold water piping in original building.	3/29/2021
Plumbing System	Waste	Damage/Wearout	80%	REPLACE WASTE PIPING IN ORIGINAL BUILDING.	3/29/2021
Roof System	Covering	Damage/Wearout	5%	Seal joints at coping.	5/17/2013

Roof System	Structure	Damage/Wearout	90%	Membrane roof last replaced in 1990. Beyond EUL and showing some wear.	3/12/2021
Roof System	Structure	Damage/Wearout	5%	Repair coating at east entrance (2021 estimate of $2k).	3/12/2021
Safety System	Extinguishing System	Damage/Wearout	10%	REPLACE EXISTING STAND PIPES.	1/18/1995
Safety System	Egress	Codes/Standards	10%	BRING RESCUE ASSISTANCE AREA UP TO CODE (PHONE, INSTRUCTIONS, ETC.).	5/15/2003
Safety System	Extinguishing System	Codes/Standards	90%	EXPAND FIRE SUPPRESSION SYSTEM.	5/15/2003
Safety System	Egress	Codes/Standards	5%	INSPECT/UPGRADE FOUR-STORY STAIR ENCLOSURES.	6/14/2007
Safety System	Exit/Emergency Lighti	Damage/Wearout	3%	Upgrade emergency lights to LED.	6/6/2019
Specialties	Toilet Partitions	Damage/Wearout	50%	Replace partitions as needed.	5/15/2003
Specialties	Signange/Directories	Building Enhancements	100%	Install ADA signage.	5/17/2013
Specialties	Signange/Directories	Codes/Standards	25%	Upgrade/install signage	6/14/2017
Specialties	Toilet Partitions	Damage/Wearout	100%	Replace toilet partitions.	6/6/2019

COLLEGE OF EDUCATION

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Building Service	Energy Conservation	15%	Upgrade lighting from T-8 to LED.	6/6/2019
Envelope	Exterior Doors/Hatch	Damage/Wearout	2%	Refinish doors.	6/17/2015
Envelope	Exterior Walls	Damage/Wearout	2%	REPAIR & SEAL PARAPET COPINGS JOINTS.	6/17/2015
Envelope	Exterior Walls	Damage/Wearout	10%	Replaice EIFS w/metal panels where bird damage has occurred.	6/14/2017
Finishes	Interior Doors/Yhard	Damage/Wearout	3%	Replace as needed.	5/17/2013
Finishes	Wall Finishes	Damage/Wearout	5%	Paint as needed.	6/14/2017
Finishes	Ceilings	Damage/Wearout	3%	Replace damaged ceiling tiles as needed.	3/29/2021
HVAC System	Cooling	Damage/Wearout	25%	REPLACE MCQUAY CHILLER.	5/17/2013
HVAC System	Heating	Damage/Wearout	5%	Replace reheat coil valves.	6/17/2015
HVAC System	Ventilating	Damage/Wearout	5%	Replace ductwork at HX-2.	6/17/2015
HVAC System	Ventilating	Damage/Wearout	20%	Replace AHU-1.	6/14/2017
HVAC System	Ventilating	Damage/Wearout	5%	Replace pneumatic VAV's.	6/14/2017

HVAC System	Heating	Damage/Wearout	5%	Replace pneumatic VAVs	6/6/2019
HVAC System	Ventilating	Damage/Wearout	5%	Replace flex pipe to fan coils.	6/6/2019
HVAC System	Ventilating	Damage/Wearout	5%	Replace pneumatic VAVs.	6/6/2019
HVAC System	Ventilating	Damage/Wearout	10%	REPLACE PNEUMATIC CONTROLS SERVING ORIGINAL BUILDING (planned 2021 replacement).	3/29/2021
Plumbing System	Fixtures	Damage/Wearout	20%	Replace water heater (boiler type).	6/17/2015
Plumbing System	Supply	Damage/Wearout	30%	Replace piping/domestic hot water recirculation.	6/14/2017
Plumbing System	Fixtures	Energy Conservation	25%	Upgrade to low-flow faucets (1/2 already complete)	6/14/2017
Plumbing System	Fixtures	Damage/Wearout	30%	Replace maintenance-intensive auto valves for urinals & lavatories.	6/14/2017
Plumbing System	Fixtures	Damage/Wearout	20%	Replace old lavatories	6/14/2017
Plumbing System	Waste	Damage/Wearout	50%	Replace original waste pipe (3rd and 4th floor replaced in 2005).	6/6/2019
Roof System	Insulation	Damage/Wearout	100%	Existing roof beyond expected lifetime.	3/29/2021
Safety System	Exit/Emergency Lighti	Damage/Wearout	3%	Upgrade emergency lights w/LED	5/17/2013
Specialties	Cabinets/Chalkboards	Damage/Wearout	4%	Replace cabinets - Room 122 and 1st and 2nd floors.	5/17/2013
Specialties	Toilet Partitions	Damage/Wearout	10%	Repair/replace 1st floor toilet partitions. (2nd floor was done before 2015 FCI)	6/14/2017

FACILITIES SERVICES OFFICE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Building Enhancements	25%	ADD BRANCH PANEL CAPACITY.	7/27/2011
Electrical System	Building Service	Energy Conservation	15%	Upgrade T-8 lighting to LED.	6/6/2019
Envelope	Exterior Windows	Damage/Wearout	20%	REPLACE ORIGINAL WINDOWS AT ADMIN BLDG.	6/15/2007
Envelope	Exterior Walls	Damage/Wearout	5%	REPAIR/RESTORE ROOF OVERHANG FASCIA.	6/15/2007
Finishes	Floor Finishes	Damage/Wearout	50%	Replace carpet as needed.	6/14/2017
Finishes	Wall Finishes	Damage/Wearout	1%	Repaint offices.	6/14/2017
Foundations	Exterior Steps/Retaini	Codes/Standards	5%	Provide edge protection at front sidewalk.	7/27/2011
Plumbing System	Fixtures	Damage/Wearout	2%	Replace restroom fixtures.	6/14/2017
Plumbing System	Waste	Damage/Wearout	98%	Replace waste piping.	6/6/2019

Roof System	Structure	Damage/Wearout	15%	Roof EUL (about 5 years old from last hail storm in ~2016).	3/12/2021
Safety System	Extinguishing System	Codes/Standards	100%	SPRINKLER BUILDING.	10/8/2001
Safety System	Exit/Emergency Lighti	Codes/Standards	15%	Provide emergency LED lighting.	7/27/2011
Safety System	Exit/Emergency Lighti	Codes/Standards	60%	INSTALL FIRE ALARM SYSTEM.	6/17/2015

FACILITIES SERVICES SHOP

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Building Service	Energy Conservation	15%	Upgrade T-8 lighting to LED.	6/6/2019
Envelope	Exterior Doors/Hatch	Damage/Wearout	5%	Exterior man doors.	6/14/2017
HVAC System	Cooling	Building Enhancements	100%	REPLACE OLD & ADD NEW CONDENSING UNITS TO SERVE OFFICES.	6/13/2007
HVAC System	Cooling	Damage/Wearout	10%	Replace condensing unit.	6/6/2019
HVAC System	Heating	Damage/Wearout	10%	Replace AHU in offices.	6/6/2019
HVAC System	Heating	Damage/Wearout	40%	Replace three boilers and controls.	6/6/2019
HVAC System	Heating	Damage/Wearout	20%	Replace make-up air unit to paint shop.	6/6/2019
Plumbing System	Fixtures	Damage/Wearout	5%	Replace lavatory faucets.	6/14/2017
Plumbing System	Fixtures	Building Enhancements	10%	Update with auto flushes	6/14/2017
Plumbing System	Supply	Damage/Wearout	100%	Replace supply piping.	6/6/2019
Plumbing System	Fixtures	Damage/Wearout	2%	Replace toilets with low flow use (Mens restroom is done).	6/6/2019
Plumbing System	Waste	Damage/Wearout	2%	Replace floor drains.	6/6/2019
Plumbing System	Waste	Damage/Wearout	98%	Replace waste piping.	6/6/2019
Roof System	Covering	Damage/Wearout	100%	Replace roof covering.	6/14/2017
Safety System	Exit/Emergency Lighti	Codes/Standards	100%	Add fire alarm system and upgrade emergency lighting to LED.	6/17/2015
Safety System	Extinguishing System	Codes/Standards	100%	Add fire sprinklers.	6/17/2015

HEALTH SCIENCES BUILDING

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope	Exterior Walls	Damage/Wearout	3%	Replace all expansion joints west side and east side of south wing.	5/17/2013
Finishes	Floor Finishes	Damage/Wearout	1%	Replace/Refinish floor finishes as needed.	6/5/2019

Finishes	Interior Wall Systems	Damage/Wearout	1%	Repaint walls as needed.	6/5/2019
Foundations	Exterior Steps/Retaini	Damage/Wearout	1%	Monitor spalling concrete at enterenaces.	6/5/2019
HVAC System	Cooling	Environmental Improve	1%	Insert exhaust fans in overheating staircases.	6/14/2017
Plumbing System	Supply	Damage/Wearout	10%	Supply piping EUL.	3/12/2021
Plumbing System	Waste	Damage/Wearout	10%	Waste piping EUL.	3/12/2021

LIBERAL ARTS

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Building Enhancements	10%	Increase secondary system capacity.	5/17/2013
Electrical System	Lighting	Energy Conservation	15%	Upgrade T-8 lighting to LED.	3/29/2021
Envelope	Exterior Walls	Damage/Wearout	1%	Remove tar to substrate and seal brick parapet walls (water damage at 8th floor).	7/22/2009
Envelope	Exterior Walls	Damage/Wearout	20%	Repair masonry on exterior of building.	7/27/2011
Envelope	Exterior Walls	Damage/Wearout	3%	Repoint	5/17/2013
Envelope	Exterior Walls	Aesthetics	5%	REMOVE EFFLORESCENCE FROM INTERIOR BRICK AT NORTH STAIRWELL, 7TH & 8TH FLOOR.	6/14/2017
Envelope	Exterior Windows	Damage/Wearout	100%	REPLACE WINDOWS WITH THERMOPANE TYPE.	6/14/2017
Finishes	Floor Finishes	Damage/Wearout	5%	PATCH FLOOR IN MECHANICAL ROOM AT AREAS OF CORROSION.	10/9/2001
Finishes	Wall Finishes	Damage/Wearout	10%	Paint walls as needed.	10/9/2001
Finishes	Floor Finishes	Damage/Wearout	5%	REPLACE CARPET IN OFFICE SUITES WHERE NEEDED.	5/2/2005
Finishes	Ceilings	Damage/Wearout	10%	Replace tiles as needed.	5/17/2013
Floor System	Stair Treads/Risers	Codes/Standards	1%	INFILL GATE AT THIRD FLOOR STAIR TO MEET CODE.	6/12/2007
Foundations	Footings/Foundation	Building Enhancements	10%	Address site drainage issues.	7/27/2011
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	REPAIR TOPS OF BRICK WALLS ADJ TO STAIRS ON WEST SIDE.	7/27/2011
HVAC System	Ventilating	Damage/Wearout	15%	REPLACE AHU COILS & OSA DAMPERS (OR ENTIRE UNIT) TO PREVENT FREEZING.	6/14/2017
HVAC System	Heating	Damage/Wearout	10%	Replace pneumatic VAVs with DDC.	6/6/2019
HVAC System	Ventilating	Damage/Wearout	10%	Upgrade AHU controls to DDC.	6/6/2019
HVAC System	Ventilating	Damage/Wearout	10%	Replace pneumatic VAVs with DDC.	6/6/2019

HVAC System	Heating	Damage/Wearout	10%	Upgrade AHU controls to DDC.	6/6/2019
Plumbing System	Fixtures	Damage/Wearout	70%	Replace obsolete flush valves behind wall.	6/14/2017
Plumbing System	Fixtures	Damage/Wearout	15%	Replace old fixtures.	6/6/2019
Plumbing System	Supply	Damage/Wearout	80%	Replace galvanized piping.	3/29/2021
Plumbing System	Waste	Damage/Wearout	80%	Replace waste piping - clogs often.	3/29/2021
Safety System	Exit/Emergency Lighti	Damage/Wearout	3%	Upgrade emergency lights to LED.	6/6/2019
Safety System	Exit/Emergency Lighti	Damage/Wearout	10%	Replace emergency generator. Planned replacement in 2021.	3/29/2021
Specialties	Toilet Partitions	Damage/Wearout	10%	Repair/ replace.	7/22/2009
Specialties	Signange/Directories	Damage/Wearout	5%	Upgrade.	7/22/2009
Specialties	Cabinets/Chalkboards	Environmental Improve	10%	Romove cabinetry in office.	6/14/2017

LIBRARY

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Damage/Wearout	8%	Upgrade sheaves and cables.	5/17/2013
Conveying	Elevator/Lift	Damage/Wearout	75%	Repair / replace elevator.	6/17/2015
Electrical System	Lighting	Energy Conservation	1%	Upgrade lighting from T-8 to LED as needed.	3/29/2021
Envelope	Exterior Windows	Energy Conservation	100%	REPLACE WINDOWS WITH THERMAL PANE TYPE.	1/18/1995
Envelope	Exterior Doors/Hatch	Damage/Wearout	5%	REPAINT HOLLOW METAL DOORS & FRAMES.	6/14/2007
Envelope	Exterior Walls	Damage/Wearout	1%	Replace caulk at precast panel of first floor.	6/17/2015
Envelope	Exterior Walls	Damage/Wearout	1%	Repair precast panel SW corner lecture hall 231 up high.	6/17/2015
Envelope	Exterior Walls	Damage/Wearout	15%	REPAIR/PATCH CONCRETE FASCIA & SOFFIT (Frequent water infiltration into building due to porous brick).	3/29/2021
Finishes	Interior Wall Systems	Damage/Wearout	1%	Repair trim.	6/17/2015
Finishes	Ceilings	Damage/Wearout	5%	Replace ceiling tiles as needed.	6/14/2017
Finishes	Interior Doors/Yhard	Damage/Wearout	5%	Refinish doors and trim throughout building.	3/29/2021
Finishes	Floor Finishes	Damage/Wearout	15%	Replace carbet on main floor (231, 152, 148, etc.).	3/29/2021
Finishes	Wall Finishes	Damage/Wearout	1%	Repaint as needed.	3/29/2021
Foundations	Exterior Steps/Retaini	Damage/Wearout	1%	Repair coatings at slabs on north side of building.	5/17/2013

Foundations	Exterior Steps/Retaini	Damage/Wearout	4%	Repair concrete walk area toppings (over habitable space).	5/17/2013
Foundations	Exterior Steps/Retaini	Damage/Wearout	1%	Repair concrete stairwell treads and landing on South side from 1st to 2nd level.	6/17/2015
Foundations	Footings/Foundation	Damage/Wearout	20%	Address site drainage issues (Experiencing water infiltration into connector).	3/29/2021
HVAC System	Ventilating	Damage/Wearout	7%	MAKE HUMIDIFIER SYSTEM OPERATIONAL.	4/3/1998
HVAC System	Ventilating	Damage/Wearout	5%	Replace AHU-4 roll filters with pleated.	7/22/2009
HVAC System	Heating	Damage/Wearout	10%	Replace heating water piping.	6/17/2015
HVAC System	Heating	Damage/Wearout	20%	Replace AHU-3.	6/17/2015
HVAC System	Cooling	Damage/Wearout	10%	Replace pneumatic control system w/digital.	6/6/2019
HVAC System	Cooling	Damage/Wearout	20%	Replace two cooling towers and locate above grade.	6/6/2019
HVAC System	Ventilating	Damage/Wearout	10%	Replace pneumatic control system w/digital.	6/6/2019
HVAC System	Heating	Damage/Wearout	10%	Replace pneumatic control system w/digital.	6/6/2019
HVAC System	Heating	Energy Conservation	10%	Add heating control valves on 1st and 2nd floor commons.	6/6/2019
HVAC System	Heating	Damage/Wearout	5%	Replace heating thermal expansion tanks.	6/6/2019
HVAC System	Heating	Damage/Wearout	30%	Replace Kewanee and Hurot boilers (Planned replacement 2021).	3/29/2021
Plumbing System	Fixtures	Damage/Wearout	60%	REPLACE OLD AND OBSOLETE FIXTURES.	5/17/2013
Plumbing System	Fixtures	Damage/Wearout	5%	Replace drinking fountains.	3/29/2021
Plumbing System	Supply	Damage/Wearout	75%	Replace recirculating piping serving restrooms (CDAW).	3/29/2021
Plumbing System	Waste	Damage/Wearout	75%	REPLACE WASTE PIPING SERVING RESTROOMS.	3/29/2021
Safety System	Extinguishing System	Codes/Standards	100%	INSTALL SPRINKLERS IN BUILDING.	6/13/2007
Safety System	Egress	Codes/Standards	10%	ADD INFILL TO ALL STAIR RAILS.	7/27/2011
Safety System	Exit/Emergency Lighti	Damage/Wearout	3%	Upgrade emeregency lights to LED.	6/6/2019
Specialties	Toilet Partitions	Damage/Wearout	10%	Repair/ replace.	7/22/2009
Specialties	Fixed Seating/Risers	Damage/Wearout	25%	Replace seats at lecture halls (2 of the 3).	5/17/2013

MCDONALD HALL

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated

Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting from T-8 to LED.	3/29/2021
Envelope	Exterior Walls	Damage/Wearout	1%	Investigate interior crack at wall, 1st floor women's restroom.	5/2/2005
Finishes	Wall Finishes	Damage/Wearout	5%	REPAINT AS NEEDED.	5/15/2003
Finishes	Interior Doors/Yhard	Damage/Wearout	2%	REFINISH FIRE DOORS AT ELEVATOR.	5/17/2013
Finishes	Floor Finishes	Damage/Wearout	1%	Replace carpet as needed.	3/29/2021
Floor System	Stair Treads/Risers	Damage/Wearout	2%	Add carpet to stair treads and nosings.	6/18/2015
HVAC System	Cooling	Building Enhancements	10%	Install cooling to conference room 306.	6/14/2017
HVAC System	Cooling	Damage/Wearout	20%	Replace cooling towers.	6/6/2019
Plumbing System	Supply	Damage/Wearout	100%	Replace supply piping.	6/6/2019
Plumbing System	Waste	Damage/Wearout	100%	Replace waste piping.	6/6/2019
Roof System	Covering	Damage/Wearout	75%	Replace ballasted roof (25-30 EUL).	3/29/2021
Safety System	Extinguishing System	Codes/Standards	100%	INSTALL FIRE SUPPRESSION SYSTEM.	5/15/2003
Safety System	Exit/Emergency Lighti	Damage/Wearout	3%	Upgrade emergency lights to LED.	6/6/2019

MCMULLEN HALL

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Building Service	Energy Conservation	15%	Upgrade lighting from T-8 to LED.	6/6/2019
Envelope	Exterior Doors/Hatch	Damage/Wearout	1%	Repaint door and frame.	5/17/2013
Envelope	Exterior Doors/Hatch	Damage/Wearout	2%	Repair doors & frames to access roof.	6/17/2015
Finishes	Wall Finishes	Damage/Wearout	2%	Paint as needed.	5/17/2013
Floor System	Stair Treads/Risers	Codes/Standards	1%	INFILL GUARDRAILS @ INTERIOR STAIR LEADING TO 4TH & 5TH FLOORS.	6/15/2007
Floor System	Floor Structure	Damage/Wearout	20%	Monitor structural integrity of North stariwell. Damage and significant settlling due to recent flooding from supply piping leak.	3/12/2021
HVAC System	Heating	Energy Conservation	10%	Upgrade pneumatic control to DDC and coordinate with fan coils.	6/17/2015
HVAC System	Cooling	Damage/Wearout	10%	Add fan coils with DDC to 3rd floor.	6/17/2015
HVAC System	Ventilating	Damage/Wearout	10%	Add fan coils with DDC to 3rd floor.	6/17/2015
HVAC System	Heating	Damage/Wearout	2%	Repair south entry unit heater fan.	6/6/2019

Plumbing System	Fixtures	Energy Conservation	25%	Upgrade to low-flow faucets (1/2 replaced)	6/14/2017
Plumbing System	Supply	Damage/Wearout	75%	Replace supply piping (2nd floor and 3rd floor done.	6/6/2019
Plumbing System	Waste	Damage/Wearout	75%	Replace waste piping (2nd & 3rd done).	6/6/2019
Safety System	Egress	Codes/Standards	10%	PROVIDE CODE COMPLIANT EGRESS FROM 4TH & 5TH FLOOR (LIGHTING)	6/14/2017

P.E. BUILDING (STATE PORTION)

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Damage/Wearout	25%	Replace obsolete.	5/17/2013
Electrical System	Lighting	Energy Conservation	20%	Replace t-8 lamps and fixtures w/LED when applicable	6/14/2017
Envelope	Exterior Walls	Damage/Wearout	5%	RESEAL/RECAULK AT TOP OF FOUNDATION, ENTIRE BUILDING PERIMETER.	5/2/2005
Envelope	Exterior Doors/Hatch	Damage/Wearout	15%	REPAINT EXTERIOR DOORS.	5/17/2013
Envelope	Exterior Walls	Damage/Wearout	3%	Paint galvanized steel on South canopy.	6/17/2015
Envelope	Exterior Windows	Energy Conservation	25%	Replace exterior windows.	6/14/2017
Finishes	Ceilings	Damage/Wearout	5%	Replace as needed.	5/17/2013
Finishes	Interior Doors/Yhard	Damage/Wearout	5%	REFINISH INTERIOR DOORS AS NEEDED.	6/17/2015
Finishes	Floor Finishes	Damage/Wearout	15%	REPLACE RUNNING TRACK SURFACE.	6/14/2017
Finishes	Wall Finishes	Damage/Wearout	5%	Paint walls where worn (main gym problem).	6/14/2017
Finishes	Floor Finishes	Damage/Wearout	2%	Re-do showers.	6/6/2019
Finishes	Wall Finishes	Damage/Wearout	2%	Re-do showers.	6/6/2019
Floor System	Stair Treads/Risers	Codes/Standards	4%	INFILL HANDRAILS AS NEEDED TO MEET CURRENT CODE.	6/17/2015
Foundations	Footings/Foundation	Damage/Wearout	30%	REPLACE SETTLED & DETERIORATED CONCRETE & BRICK AT FRONT WALKING DECK.	6/14/2017
Foundations	Exterior Steps/Retaini	Damage/Wearout	30%	Replace cracked brick and rebuild retaining walls.	6/14/2017
HVAC System	Cooling	Environmental Improve	4%	CONNECT HEAT PUMPS TO DDC SYSTEM.	6/13/2007
HVAC System	Ventilating	Damage/Wearout	50%	Replace all HV units.	6/14/2017
HVAC System	Ventilating	Damage/Wearout	25%	Upgrade pneumatic controls to DDC.	6/14/2017
HVAC System	Heating	Damage/Wearout	50%	Replace all HV units.	6/6/2019

HVAC System	Heating	Damage/Wearout	25%	Upgrade pneumatic controls to DDC.	6/6/2019
Plumbing System	Fixtures	Energy Conservation	50%	Upgrade to low-flow faucets/showerheads	6/14/2017
Plumbing System	Fixtures	Damage/Wearout	5%	Replace shower valves.	6/6/2019
Plumbing System	Supply	Damage/Wearout	70%	REPLACE DOMESTIC HOT H20 RECIRCULATING LINE.	6/6/2019
Plumbing System	Supply	Damage/Wearout	30%	Replace cold water pipe.	6/6/2019
Plumbing System	Waste	Damage/Wearout	100%	REPLACE WASTE PIPING.	6/6/2019
Safety System	Extinguishing System	Codes/Standards	100%	INSTALL FIRE SUPPRESSION SYSTEM.	5/15/2003
Safety System	Exit/Emergency Lighti	Damage/Wearout	3%	Upgrade emergency lights to LED.	6/6/2019
Specialties	Fixed Seating/Risers	Damage/Wearout	5%	Replace bleachers in pool area.	5/17/2013
Specialties	Toilet Partitions	Damage/Wearout	15%	Repair/ replace.	6/14/2017
Specialties	Lockers	Damage/Wearout	20%	Replace original metal lockers.	6/14/2017
Specialties	Cabinets/Chalkboards	Damage/Wearout	15%	REPLACE CABINETS AT CONCESSION AREA.	6/19/2017
Specialties	Toilet Partitions	Building Enhancements	10%	Install shower partitions.	6/6/2019

PARKING GARAGE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope	Exterior Walls	Damage/Wearout	3%	Repair efflourescence below sills at opaques, area below top level walkway at North stair, and East side first level interor walls.	5/17/2013
Envelope	Exterior Walls	Damage/Wearout	1%	Replace caulk between columns and wall at top level.	6/17/2015
Envelope	Exterior Walls	Damage/Wearout	2%	Repair concrete at rusted locations of exposed reinforcing & railing supports.	6/17/2015
Envelope	Exterior Walls	Damage/Wearout	2%	Investigate water infiltration.	6/17/2015
Envelope	Exterior Walls	Damage/Wearout	20%	Block walls breaking away. Sections falling off building at East and South side.	3/12/2021
Finishes	Ceilings	Damage/Wearout	5%	Replace as needed.	5/17/2013
HVAC System	Heating	Damage/Wearout	30%	Replace older furnace.	6/6/2019
Plumbing System	Supply	Damage/Wearout	5%	Replace supply pipe shut off valves.	6/6/2019
Plumbing System	Supply	Damage/Wearout	20%	Supply piping EUL.	3/12/2021
Plumbing System	Waste	Damage/Wearout	20%	Waste piping EUL.	3/12/2021

Roof System	Covering	Damage/Wearout	90%	Replace covering on stair towers. Leaks in roof covering on both north and south sides, and skyway.	3/29/2021
Safety System	Exit/Emergency Lighti	Damage/Wearout	3%	Upgrade emergency lights to LED.	6/6/2019

PETRO HALL

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Damage/Wearout	100%	Replace elevator.	3/29/2021
Electrical System	Distribution	Codes/Standards	30%	UPGRADE MDP & SECONDARY TO INCREASE CAPACITY DUE TO DAISY-CHAINED PANEL FEEDRS.	6/13/2007
Electrical System	Distribution	Codes/Standards	2%	Install GFI outlets at dorm sinks.	6/17/2015
Electrical System	Lighting	Energy Conservation	15%	Replace T12 lamps/fixtures with LED.	6/6/2019
Envelope	Exterior Windows	Codes/Standards	10%	REPLACE STOREFRONT GLAZING SYSTEMS @ 3-8 STORY LOBBIES.	6/14/2007
Envelope	Exterior Walls	Codes/Standards	1%	REPLACE BALCONY RAILINGS.	6/14/2007
Envelope	Exterior Doors/Hatch	Damage/Wearout	5%	PAINT HOLLOW METAL DOORS & FRAMES.	6/14/2007
Envelope	Exterior Windows	Energy Conservation	90%	Replace aluminimum frame window system.	5/17/2013
Envelope	Exterior Walls	Damage/Wearout	1%	Repair and paint soffit at 1st floor North side.	6/17/2015
Finishes	Floor Finishes	Damage/Wearout	5%	Shower floor leaks.	6/6/2019
Finishes	Ceilings	Damage/Wearout	20%	REPLACE DAMAGED CEILING TILES.	3/29/2021
Finishes	Ceilings	Damage/Wearout	10%	Replace rusted restroom ceiling grids.	3/29/2021
Finishes	Interior Doors/Yhard	Damage/Wearout	25%	REPAIR OR REPLACE WORN-OUT DOOR HARDWARE AS NEEDED.	3/29/2021
Finishes	Interior Doors/Yhard	Damage/Wearout	25%	REPLACE DAMAGED CLOSET DOORS.	3/29/2021
Finishes	Interior Doors/Yhard	Damage/Wearout	10%	REFINISH WOOD DOORS & REPAINT FRAMES. (including wood doors at theater lobby and adjacent spaces.)	3/29/2021
Finishes	Floor Finishes	Damage/Wearout	30%	REPLACE CORRIDOR CARPET.	3/29/2021
Finishes	Wall Finishes	Damage/Wearout	70%	REMOVE WALL COVERING BESIDE SINKS IN RESIDENT ROOMS; PATCH AND PAINT.(DORMROOMS & DOORS)	3/29/2021
Foundations	Exterior Steps/Retaini	Codes/Standards	1%	INFILL GUARDRAIL ALONG TOP OF RETAINING WALL.	6/14/2007
Foundations	Exterior Steps/Retaini	Damage/Wearout	10%	STABILIZE RETAINING WALL ALONG UPPER LEVEL PARKING ON THE WEST END.	6/14/2007

Foundations	Footings/Foundation	Damage/Wearout	10%	Investigate settling & cracked brick at SW corner.	5/17/2013
Foundations	Exterior Steps/Retaini	Damage/Wearout	2%	Repair guardrail at support locations and properly seal concrete cors.	6/17/2015
HVAC System	Ventilating	Environmental Improve	2%	EXTEND EXHAUST SYSTEMS IN SHOWER AREAS BELOW CEILING LEVEL.	5/2/2005
HVAC System	Ventilating	Damage/Wearout	2%	RE-SUPPORT DUCT SYSTEMS IN CORRIDORS.	5/2/2005
HVAC System	Ventilating	Damage/Wearout	10%	Upgrade pneumatic controls to DDC.	5/2/2005
HVAC System	Heating	Damage/Wearout	5%	Replace pumps and add VFD's.	5/17/2013
HVAC System	Heating	Damage/Wearout	10%	REPLACE STEAM-WATER HX.	6/14/2017
HVAC System	Heating	Damage/Wearout	25%	Replace original boilers (qty 2).	6/14/2017
HVAC System	Heating	Damage/Wearout	5%	Install heating water isolation valves.	6/6/2019
HVAC System	Heating	Damage/Wearout	10%	Replace heating unit pneumatic valves in dorm rooms with digital.	6/6/2019
HVAC System	Heating	Damage/Wearout	10%	Upgrade pneumatic controls to DDC.	6/6/2019
Plumbing System	Fixtures	Damage/Wearout	5%	REPLACE OBSOLETE SHOWER VALVES (DELTA).	5/2/2005
Plumbing System	Waste	Damage/Wearout	100%	Replace waste and vent piping.	6/17/2015
Plumbing System	Supply	Damage/Wearout	5%	Replace isolation valves for restrooms.	6/17/2015
Plumbing System	Supply	Damage/Wearout	5%	Replace all fixture stops.	6/17/2015
Plumbing System	Fixtures	Damage/Wearout	40%	Replace sinks in dorm rooms.	6/14/2017
Plumbing System	Supply	Damage/Wearout	10%	Replace steam coil bundle in hot water tank.	6/14/2017
Plumbing System	Fixtures	Energy Conservation	25%	Upgrade to low-flow faucets/shower (25% complete)	6/6/2019
Plumbing System	Supply	Damage/Wearout	75%	Replace supply piping (hot supply done).	3/29/2021
Safety System	Exit/Emergency Lighti	Safety	25%	CONNECT SMOKE DETECTORS IN DORM ROOMS TO FIRE ALARM SYSTEMS.	7/27/2011
Safety System	Exit/Emergency Lighti	Damage/Wearout	3%	Upgrade emergency lights to LED.	6/6/2019
Specialties	Cabinets/Chalkboards	Damage/Wearout	8%	REPLACE BOOKSHELF UNITS IN RESIDENTS' ROOMS.	5/2/2005
Specialties	Cabinets/Chalkboards	Damage/Wearout	5%	REPAIR MAILBOXES AS NEEDED.	7/22/2009
Specialties	Fixed Seating/Risers	Damage/Wearout	50%	Replace theater seating.	5/17/2013
Specialties	Fixed Seating/Risers	Damage/Wearout	50%	Replace theater seating.	5/17/2013

Specialties	Toilet Partitions	Damage/Wearout	30%	Replace.	6/17/2015
Specialties	Cabinets/Chalkboards	Damage/Wearout	25%	REPLACE COUNTERTOPS.	6/14/2017
Specialties	Cabinets/Chalkboards	Damage/Wearout	25%	REPLACE CABINETS.	6/14/2017

POLY BUILDING - OFFLINE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	60%	REPLACE OBSOLETE T12 FIXTURES W/LED	6/14/2017
Envelope	Exterior Walls	Damage/Wearout	10%	EVALUATE STRUCTURE OF CONCRETE WALL, NORTH END, & REPAIR.	5/2/2005
Envelope	Exterior Walls	Damage/Wearout	5%	RESTORE/REPAIR OVERHANG FASCIAS.	6/14/2007
Envelope	Exterior Doors/Hatch	Damage/Wearout	70%	REPLACE ORIGINAL EXTERIOR DOORS.	6/14/2007
Envelope	Exterior Windows	Damage/Wearout	90%	REPLACE ORIGINAL EXTERIOR WINDOWS.	6/14/2007
Envelope	Exterior Walls	Damage/Wearout	5%	RESTORE/REPAIR EXTERIOR WALL FINISHES AT N, S, & E ELEVATIONS.	5/17/2013
Finishes	Ceilings	Damage/Wearout	2%	REPLACE DAMAGED CEILING TILES.	5/15/2003
Finishes	Floor Finishes	Damage/Wearout	80%	REPLACE MISC. CARPET.	5/15/2003
Finishes	Wall Finishes	Damage/Wearout	30%	REPAINT AS NEEDED.	5/17/2013
HVAC System	Cooling	Damage/Wearout	45%	REPLACE AIR HANDLERS.	5/15/2003
HVAC System	Ventilating	Energy Conservation	15%	UPGRADE CONTROL SYSTEMS TO DDC.	6/13/2007
HVAC System	Cooling	Damage/Wearout	25%	Replace DX units.	5/17/2013
HVAC System	Heating	Damage/Wearout	50%	REPLACE HOT WATER BOILER AND PUMPS.	5/17/2013
Roof System	Structure	Damage/Wearout	5%	Repair parapet.	5/17/2013
Safety System	Extinguishing System	Codes/Standards	100%	INSTALL EXTINGUISHING SYSTEM.	5/15/2003
Safety System	Egress	Codes/Standards	30%	CONDUCT CHAPTER 10 CODE EVAL FOR ENTIRE BLDG.	6/14/2007
Safety System	Exit/Emergency Lighti	Safety	5%	INSTALL EXIT LIGHTS.	7/27/2011
Safety System	Exit/Emergency Lighti	Safety	10%	Install fire alarm panel.	7/27/2011
Safety System	Exit/Emergency Lighti	Safety	10%	INSTALL EMERGENCY LIGHTING.	7/27/2011
Safety System	Exit/Emergency Lighti	Safety	65%	Install fire smoke/heat detection.	5/17/2013
Specialties	Cabinets/Chalkboards	Damage/Wearout	20%	REPLACE COUNTERTOP.	5/15/2003

RIMROCK HALL

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Damage/Wearout	100%	Replace obsolete.	3/29/2021
Electrical System	Distribution	Safety	5%	INSTALL GFIS AT SINK OUTLETS IN ROOMS. (COORDINATE W/CABINETS)	7/27/2011
Electrical System	Lighting	Energy Conservation	15%	Replace t-12 lamps/fixtures w/LED	6/14/2017
Electrical System	Distribution	Codes/Standards	10%	Upgrade secondary to increase capacity due to daisy-chained panel feeders.	6/14/2017
Envelope	Exterior Doors/Hatch	Damage/Wearout	5%	PAINT HOLLOW METAL DOORS & FRAMES.	6/14/2007
Envelope	Exterior Walls	Codes/Standards	1%	REPLACE BALCONY RAILINGS.	6/14/2007
Envelope	Exterior Walls	Damage/Wearout	1%	REPAIR CRACKING IN BRICK VENEER AT NE & SE CORNERS..	5/17/2013
Envelope	Exterior Windows	Energy Conservation	65%	Replace window system south entry.	5/17/2013
Envelope	Exterior Windows	Codes/Standards	15%	REPLACE STOREFRONT GLAZING SYSTEMS AT LOUNGES ON 3RD TO 6TH FLOORS	6/14/2017
Envelope	Exterior Windows	Energy Conservation	20%	Caulk window frames.	6/14/2017
Finishes	Interior Doors/Yhard	Damage/Wearout	15%	REPAIR OR REPLACE WORN-OUT DOOR HARDWARE.	7/22/2009
Finishes	Ceilings	Damage/Wearout	15%	Replace ceiling tile as needed.	5/17/2013
Finishes	Interior Doors/Yhard	Damage/Wearout	30%	REPLACE DAMAGED CLOSET DOORS.	6/17/2015
Finishes	Floor Finishes	Damage/Wearout	5%	Replace carpet as needed.	3/29/2021
Finishes	Wall Finishes	Damage/Wearout	5%	Paint as needed (Dormrooms and Kitchen).	3/29/2021
Floor System	Stair Treads/Risers	Damage/Wearout	5%	REPAIR/REPLACE CERAMIC TILE NOSING WHERE NEEDED.	5/2/2005
Floor System	Stair Treads/Risers	Codes/Standards	20%	INFILL STAIR HANDRAILS TO MEET CURRENT CODE.	7/27/2011
Foundations	Exterior Steps/Retaini	Codes/Standards	1%	INFILL GUARDRAIL AROUND PARKING AREA ON EAST END.	6/14/2007
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	North side - repair undermined concrete step area, rework drainage.	7/22/2009
HVAC System	Ventilating	Environmental Improve	2%	EXTEND EXHAUST SYSTEMS IN SHOWER AREAS BELOW CEILING LEVEL.	5/2/2005
HVAC System	Ventilating	Aesthetics	2%	RE-SUPPORT DUCT SYSTEMS IN CORRIDORS.	5/2/2005

HVAC System	Ventilating	Damage/Wearout	20%	REPLACE HV-R2 DUE TO PROBLEMS W/COILS, DAMPERS, CONTROLS, & FILTERS.	6/14/2017
HVAC System	Heating	Damage/Wearout	5%	Replace obsolete pneumatic valves on heating units in dorm rooms with digital.	6/6/2019
HVAC System	Heating	Damage/Wearout	5%	Install heating water isolation valves.	6/6/2019
HVAC System	Heating	Damage/Wearout	10%	Upgrade pneumatic controls to DDC.	6/6/2019
HVAC System	Ventilating	Damage/Wearout	10%	Replace pneumatic controls to DDC.	6/6/2019
HVAC System	Heating	Damage/Wearout	25%	Replace original steam boilers (well beyond EUL).	3/29/2021
Plumbing System	Waste	Damage/Wearout	100%	REPLACE VERTICAL AND SHOWER WASTE PIPING.	6/13/2007
Plumbing System	Fixtures	Damage/Wearout	15%	Replace sink stops.	6/14/2017
Plumbing System	Fixtures	Damage/Wearout	2%	Replace obsolete shower valves (DELTA).	6/14/2017
Plumbing System	Fixtures	Damage/Wearout	10%	Provide separate DHW for SUB and kitchen.	6/14/2017
Plumbing System	Fixtures	Damage/Wearout	20%	Replace hot water tanks.	6/6/2019
Plumbing System	Fixtures	Damage/Wearout	40%	Replace sink fixtures in dorm rooms w/ low flow.	6/6/2019
Plumbing System	Supply	Damage/Wearout	5%	Replace isolation valves.	6/6/2019
Plumbing System	Supply	Damage/Wearout	75%	Replace hot water piping.	3/29/2021
Safety System	Exit/Emergency Lighti	Safety	25%	CONNECT SMOKE DETECTORS IN ROOMS TO FIRE ALARM SYSTEM.	7/27/2011
Safety System	Exit/Emergency Lighti	Damage/Wearout	3%	Upgrade emergency lights to LED.	6/6/2019
Specialties	Cabinets/Chalkboards	Damage/Wearout	5%	REPLACE OR REPAIR MAILBOXES AS NEEDED.	5/2/2005
Specialties	Toilet Partitions	Damage/Wearout	50%	REPLACE TOILET PARTITIONS AS NEEDED.	7/14/2009
Specialties	Cabinets/Chalkboards	Damage/Wearout	30%	REPLACE COUNTERTOPS.	6/17/2015
Specialties	Cabinets/Chalkboards	Damage/Wearout	30%	REPLACE CABINETS.	6/17/2015

SCIENCE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Aesthetics	1%	REPLACE CARPET IN ELEVATOR CAB.	5/2/2005
Conveying	Elevator/Lift	Damage/Wearout	99%	Replace elevator.	7/27/2011
Electrical System	Lighting	Energy Conservation	5%	Install occupancy sensors throughout.	6/14/2017

Electrical System	Lighting	Energy Conservation	15%	UPGRADE LIGHTING FROM T-8 TO LED	6/14/2017
Envelope	Exterior Walls	Damage/Wearout	10%	Repoint exterior brick.	7/27/2011
Envelope	Exterior Windows	Damage/Wearout	8%	Refinish window oak sills.	5/17/2013
Envelope	Exterior Windows	Damage/Wearout	30%	Replace exterior windows and entrances.	5/17/2013
Envelope	Exterior Walls	Damage/Wearout	5%	CLEAN/RESTORE/REPOINT EXTERIOR STONE ELEMENTS.	5/17/2013
Envelope	Exterior Walls	Damage/Wearout	2%	Brick is spalling over West and East entrances.	6/17/2015
Envelope	Exterior Walls	Damage/Wearout	20%	Greenhouse wall damage. EIFS.	6/14/2017
Envelope	Exterior Doors/Hatch	Damage/Wearout	35%	Replace entry doors on East side.	6/14/2017
Finishes	Interior Wall Systems	Damage/Wearout	1%	REPLACE CONCRETE WALL BASE AT 1ST & 2ND FLOOR RESTROOMS.	10/8/2001
Finishes	Ceilings	Damage/Wearout	2%	REPLACE RUSTED T-BAR AT DROPPED CEILING IN CHEM STORES WITH ALUMINUM.	5/2/2005
Finishes	Interior Doors/Yhard	Damage/Wearout	50%	Replace interior vestibule doors.	5/17/2013
Finishes	Interior Doors/Yhard	Damage/Wearout	50%	Replace interior classroom doors.	5/17/2013
Finishes	Ceilings	Damage/Wearout	8%	Paint hard ceilings.	5/17/2013
Finishes	Ceilings	Damage/Wearout	3%	REPAIR SLOPED GYPSUM BOARD CEILINGS AT UPPER EAST & WEST ENDS OF BLDG ADDITION.	5/17/2013
Finishes	Floor Finishes	Damage/Wearout	1%	REPLACE DAMAGED VCT AT CHEM STORES, ROOM 233, CORRIDORS & ENTRANCES.	6/17/2015
Finishes	Wall Finishes	Damage/Wearout	25%	Repaint walls as needed.	6/14/2017
Floor System	Stair Treads/Risers	Codes/Standards	1%	PROVIDE HANDRAILS FOR INTERIOR STEPS AT EAST ENTRY DOORS.	6/14/2007
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	REPLACE COPING AT GREENHOUSE WALLS.	5/15/2003
Foundations	Exterior Steps/Retaini	Damage/Wearout	20%	REPAIR/REPLACE CONCRETE RETAINING WALLS & STEPS AT BOILER ROOM & BASEMENT DOORS.	7/14/2009
Foundations	Exterior Steps/Retaini	Damage/Wearout	10%	Replace concrete steps at east entrance.	7/22/2009
HVAC System	Heating	Damage/Wearout	2%	Replace dielectric unions on heating water piping.	5/17/2013
HVAC System	Ventilating	Damage/Wearout	25%	Replace fume hood exhaust fans.	6/6/2019
HVAC System	Heating	Damage/Wearout	20%	Replace hot water piping.	6/6/2019
HVAC System	Cooling	Damage/Wearout	2%	Replace greenhouse evaporative coolers.	6/6/2019

Plumbing System	Supply	Damage/Wearout	10%	REPLACE PVC PIPIN (DI SYSTEM)	6/13/2007
Plumbing System	Waste	Damage/Wearout	100%	Replace waste / vent piping.	6/17/2015
Plumbing System	Fixtures	Damage/Wearout	50%	REPLACE OBSOLETE/OLD FIXTURES.	6/14/2017
Plumbing System	Supply	Damage/Wearout	60%	REPAIR/REPLACE CW, & HOT WATER RE-CIRC LINES.	6/6/2019
Roof System	Covering	Damage/Wearout	100%	Replace membrane covering.	6/14/2017
Safety System	Exit/Emergency Lighti	Damage/Wearout	3%	Upgrade emergency lights to LED>	6/6/2019
Specialties	Signange/Directories	Building Enhancements	20%	Replace and expand wayfinding.	7/22/2009
Specialties	Cabinets/Chalkboards	Damage/Wearout	10%	REPLACE CABINETS.	5/17/2013
Specialties	Cabinets/Chalkboards	Damage/Wearout	10%	REPLACE COUNTERTOPS.	6/17/2015
Specialties	Toilet Partitions	Damage/Wearout	50%	Repair/ replace toilet partitions.	6/14/2017

STUDENT UNION BUILDING

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	15%	Replace t-8 lamps/fixtures w/LED when applicable.	6/14/2017
Envelope	Exterior Doors/Hatch	Damage/Wearout	5%	REPAINT HOLLOW METAL DOORS & FRAMES.	6/14/2007
Envelope	Exterior Windows	Energy Conservation	10%	Replace windows w/thermal panes at curtain wall, S. main entry conference rm.	6/14/2017
Finishes	Floor Finishes	Damage/Wearout	1%	REPLACE BROKEN CERAMIC TILE BASE @ WRR, FIRST FLOOR.	5/2/2005
Finishes	Interior Doors/Yhard	Damage/Wearout	2%	REPLACE DOORS FROM KITCHEN TO FOOD SERVICE.	5/17/2013
Finishes	Wall Finishes	Damage/Wearout	1%	REPLACE VINYL WALL COVERING AT SEAT WALLS IN DINING AREA.	6/17/2015
Finishes	Ceilings	Damage/Wearout	25%	Cafeteria - Replace ceiling in dining room.	6/14/2017
Finishes	Wall Finishes	Damage/Wearout	5%	Repaint at food service area.	3/29/2021
HVAC System	Ventilating	Codes/Standards	11%	UPGRADE EF-R5, & RELATED KITCHEN HOOD SYSTEMS TO CURRENT CODES.	6/17/2015
HVAC System	Ventilating	Damage/Wearout	5%	Upgrade pneumatic controls to DDC.	6/6/2019
HVAC System	Cooling	Damage/Wearout	5%	Upgrade pneumatic controls to DDC.	6/6/2019
HVAC System	Heating	Damage/Wearout	5%	Upgrade pneumatic controls to DDC.	6/6/2019
Plumbing System	Fixtures	Damage/Wearout	5%	REPLACE FIXTURES IN KITCHEN RESTROOM.	5/2/2005

Plumbing System	Fixtures	Building Enhancements	10%	Install separate water heater for this building. The building is currently fed from Rimrock.	6/17/2015
Plumbing System	Supply	Damage/Wearout	70%	Replace hot water piping.	6/6/2019
Plumbing System	Waste	Damage/Wearout	30%	Replace waste piping (kitchen done).	6/6/2019
Roof System	Covering	Damage/Wearout	40%	Replace atrium glazing	3/29/2021
Safety System	Exit/Emergency Lighti	Damage/Wearout	30%	Upgrade emergency lights to LED.	6/6/2019
Specialties	Cabinets/Chalkboards	Damage/Wearout	5%	REPLACE LAMINATE AT SERVING ISLAND COUNTERS WHERE CHIPPED.	5/2/2005
Specialties	Toilet Partitions	Damage/Wearout	30%	Replace worn out partitions.	7/22/2009
Specialties	Cabinets/Chalkboards	Damage/Wearout	2%	Replace food servery casework.	6/17/2015

TECHNOLOGY BUILDING

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Damage/Wearout	2%	Replace obsolete T12 Lights w/LED	6/14/2017
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	6/14/2017
Electrical System	Lighting	Energy Conservation	1%	Replace exit emergency lights with energy efficient LED type.	6/5/2019
Envelope	Exterior Walls	Damage/Wearout	1%	REPAIR DAMAGED SOFFITS ABOVE NORTH ENTRY.	6/15/2007
Envelope	Exterior Doors/Hatch	Damage/Wearout	10%	Repaint exterior hollow metal doors & frames.	6/14/2017
Finishes	Interior Doors/Yhard	Damage/Wearout	20%	REPLACE DOOR HARDWARE.	7/27/2011
Finishes	Floor Finishes	Damage/Wearout	1%	Repaint or tile concrete floor in classroom next to tool room.	5/17/2013
Finishes	Floor Finishes	Damage/Wearout	15%	REPLACE DAMAGED TILE & CARPET.	6/17/2015
Finishes	Ceilings	Damage/Wearout	1%	Replace ceiling tile as needed.	6/14/2017
Finishes	Floor Finishes	Damage/Wearout	15%	REPLACE RUBBER BASE.	6/14/2017
Finishes	Interior Wall Systems	Building Enhancements	1%	Add corner guards to exposed sheet rock walls.	6/5/2019
Finishes	Wall Finishes	Damage/Wearout	15%	Paint interior walls.	6/5/2019
Foundations	Footings/Foundation	Damage/Wearout	1%	Investigate concrete setting at south entrance.	5/17/2013
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Replace loading dock (Consider adding stair case to new loading dock).	6/5/2019
HVAC System	Ventilating	Damage/Wearout	5%	REPLACE EXHAUST FANS SERVING LOCKER ROOMS.	6/13/2007

HVAC System	Heating	Damage/Wearout	10%	Replace older boiler to condensing style to match new one. (Power fin)	6/17/2015
HVAC System	Ventilating	Damage/Wearout	60%	Replace AHU's & RTU's. (AHU-1,RTU-6, RTU-9 done).	6/14/2017
HVAC System	Ventilating	Damage/Wearout	5%	Repair exhaust fans located above auto shop.	6/5/2019
HVAC System	Ventilating	Damage/Wearout	5%	Reconnect atrium ventilation.	6/5/2019
HVAC System	Heating	Damage/Wearout	1%	Replace entry unit heaters (qty 4).	6/5/2019
HVAC System	Ventilating	Damage/Wearout	5%	Replace old VAV boxes and controls (1/2 building complete in 2015). Expected replacement Summer 2021.	3/29/2021
Plumbing System	Fixtures	Damage/Wearout	50%	Replace old fixtures	6/14/2017
Plumbing System	Fixtures	Damage/Wearout	8%	Replace sinks in locker room	6/14/2017
Plumbing System	Supply	Damage/Wearout	5%	Replace old domestic HW recirulation piping.	6/14/2017
Plumbing System	Waste	Damage/Wearout	5%	Replace old waste/all PVC piping. Monitor waste piping for failure.	6/14/2017
Plumbing System	Supply	Damage/Wearout	1%	Replace 3" valves to water heater.	6/5/2019
Plumbing System	Waste	Damage/Wearout	75%	Waste piping beyond expected useful life.	6/5/2019
Plumbing System	Supply	Damage/Wearout	75%	Supply piping beyond expected useful life.	6/5/2019
Roof System	Covering	Damage/Wearout	5%	Roof covering replaced in 2017 with rubber membrane.	3/29/2021
Specialties	Toilet Partitions	Damage/Wearout	15%	Replace toilet partitions.	6/5/2019

MONTANA STATE UNIVERSITY - BOZEMAN

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System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope	Exterior Windows	Energy Conservation	95%	Replace windows (West end had some storm windows put on).	9/21/2005
Envelope	Exterior Walls	Damage/Wearout	15%	Remove garage structure	1/25/2017
Envelope	Exterior Walls	Damage/Wearout	25%	Replace soffit and fasia on N. Side	1/25/2017
Envelope	Exterior Walls	Damage/Wearout	15%	Paint exterior trim & window casings as needed.	1/25/2017
Envelope	Exterior Walls	Damage/Wearout	40%	Replace siding	1/25/2017
Finishes	Floor Finishes	Damage/Wearout	5%	Replace wall coverings and repaint as needed.	1/25/2017
Finishes	Floor Finishes	Damage/Wearout	5%	Replace carpet as needed.	1/25/2017
Floor System	Floor Structure	Codes/Standards	10%	Install stair rails.	10/28/2015
Foundations	Footings/Foundation	Damage/Wearout	5%	Repair crack and parging on foundation N side & E. Side	2/27/2013
HVAC System	Heating	Energy Conservation	20%	Install programmable thermostats in main level and basement	1/25/2017
Plumbing System	Waste	Damage/Wearout	10%	Replace tar and paper sewer between house and street.	9/21/2005
Plumbing System	Waste	Damage/Wearout	15%	Provide exterior cleanout at main sewer and inspect for damage / roots.	2/27/2013
Roof System	Covering	Damage/Wearout	30%	Detached 2 car garage roof covering needs replacement.	2/27/2013
Roof System	Covering	Damage/Wearout	5%	Install heat tape at valleys	1/25/2017
Roof System	Structure	Damage/Wearout	5%	Install gutters	1/25/2017
Roof System	Covering	Damage/Wearout	10%	Replace soffits & fasia	1/25/2017
Safety System	Exit/Emergency Lighti	Codes/Standards	75%	Install exit signs, emergency lights and fire alarms.	2/27/2013
Safety System	Exit/Emergency Lighti	Damage/Wearout	25%	Hardwire & interconnect all smoke detectors.	2/27/2013
Safety System	Egress	Building Enhancements	90%	Upgrade egress for 2nd floor apartments.	2/27/2013
Specialties	Signange/Directories	Building Enhancements	100%	Install room, directional and services signage.	9/21/2005
Specialties	Toilet Partitions	Damage/Wearout	10%	Replace fixtures in apartment 5	1/25/2017

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System	Component	Deficiency Type	Def %	Deficinecy Description	Updated

Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	1/8/2020
Envelope	Exterior Walls	Damage/Wearout	5%	Repoint chimney.	3/9/2011
Envelope	Exterior Windows	Damage/Wearout	100%	Replace exterior windows.	1/8/2019
Envelope	Exterior Walls	Damage/Wearout	90%	Patch, caulk, and repaint exterior of building.	1/8/2020
Finishes	Ceilings	Damage/Wearout	2%	Prep and paint ceiling as needed.	1/8/2020
Finishes	Floor Finishes	Damage/Wearout	2%	Replace floor finishes as needed.	1/8/2020
Finishes	Wall Finishes	Damage/Wearout	2%	Prep and paint as needed.	1/8/2020
Foundations	Footings/Foundation	Damage/Wearout	40%	Repair settling and cracks.	3/9/2011
Plumbing System	Supply	Damage/Wearout	25%	Supply piping expected useful life.	1/8/2020
Plumbing System	Waste	Damage/Wearout	25%	Waste piping expected useful life.	1/8/2020
Roof System	Covering	Damage/Wearout	20%	Roof covering expected useful life.	1/8/2020
Roof System	Insulation	Damage/Wearout	20%	Roof insulation expected useful life.	1/8/2020

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System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Damage/Wearout	1%	Replace exterior lighting. Cannot get replacement parts for older/longer fixtures.	5/25/2022
Electrical System	Lighting	Energy Conservation	5%	Upgrade lighting to LED throughout.	5/25/2022
Electrical System	Lighting	Damage/Wearout	1%	Replace kitchen sink light fixtures.	5/25/2022
Electrical System	Distribution	Codes/Standards	1%	Install GFCI outlets in kitchens and bathrooms.	5/25/2022
Envelope	Exterior Windows	Damage/Wearout	100%	Replace exterior windows.	5/25/2022
Envelope	Exterior Doors/Hatch	Damage/Wearout	15%	Replace exterior doors as needed (Including attic hatch doors).	5/25/2022
Finishes	Ceilings	Damage/Wearout	50%	Refinish/abate ceilings as needed.	5/25/2022
Finishes	Interior Doors/Yhard	Damage/Wearout	1%	Replace remaining bi-fold closet doorsas needed.	5/25/2022
Finishes	Floor Finishes	Damage/Wearout	50%	Refinish floors as needed.	5/25/2022
Finishes	Floor Finishes	Damage/Wearout	1%	Replace baseboards as needed.	5/25/2022
Finishes	Wall Finishes	Damage/Wearout	10%	Repaint as needed.	5/25/2022
Foundations	Exterior Steps/Retaini	Damage/Wearout	100%	Replace exterior steps.	5/25/2022

HVAC System	Ventilating	Building Enhancements	100%	Upgrade ventilation. Condensation builds up in bathrooms.	5/25/2022
HVAC System	Heating	Energy Conservation	1%	Remove bathroom electric heaters and replace with lights.	5/25/2022
HVAC System	Heating	Building Enhancements	1%	Add backflow device on makeup water.	5/25/2022
HVAC System	Ventilating	Damage/Wearout	50%	Upgrade vent systems in restrooms and kitchens.	5/25/2022
HVAC System	Heating	Damage/Wearout	5%	Replace building temperature control valves.	5/25/2022
HVAC System	Heating	Damage/Wearout	40%	Replace hot water circulation lines.	5/25/2022
Roof System	Covering	Damage/Wearout	25%	Roof EUL (Warranty ends 2046). Tiles have blown off units.	5/25/2022
Roof System	Insulation	Damage/Wearout	100%	Replace/upgrade roof insulation.	5/25/2022
Safety System	Egress	Codes/Standards	100%	Upgrade fire alarm system and distribution panels.	5/25/2022
Specialties	Cabinets/Chalkboards	Damage/Wearout	5%	Replace cabinets as needed.	5/25/2022
Specialties	Signange/Directories	Building Enhancements	100%	Upgrade building signage.	5/25/2022

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System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Damage/Wearout	1%	Replace exterior lighting. Cannot get replacement parts for older/longer fixtures.	5/25/2022
Electrical System	Lighting	Energy Conservation	5%	Upgrade lighting to LED throughout.	5/25/2022
Electrical System	Distribution	Codes/Standards	1%	Install GFCI outlets in kitchens and bathrooms.	5/25/2022
Electrical System	Lighting	Damage/Wearout	1%	Replace kitchens sink light fixtures.	5/25/2022
Envelope	Exterior Windows	Damage/Wearout	100%	Replace exteriro windows.	5/25/2022
Envelope	Exterior Doors/Hatch	Damage/Wearout	15%	Replace exterior doors as needed (Including attic hatch doors).	5/25/2022
Finishes	Wall Finishes	Damage/Wearout	10%	Repaint walls as needed.	5/25/2022
Finishes	Floor Finishes	Damage/Wearout	1%	Replace baseboards as needed.	5/25/2022
Finishes	Ceilings	Damage/Wearout	50%	Refinish/abate ceilings as needed.	5/25/2022
Finishes	Floor Finishes	Damage/Wearout	50%	Refinish floors as needed.	5/25/2022
Finishes	Interior Doors/Yhard	Damage/Wearout	1%	Replace remaining bifold closet door as needed.	5/25/2022
Foundations	Exterior Steps/Retaini	Damage/Wearout	100%	Replace exterior steps	5/25/2022
HVAC System	Heating	Damage/Wearout	5%	Replace hot water circulation lines.	5/25/2022

HVAC System	Heating	Energy Conservation	1%	Remove bathroom electric heaters and replace with lights.	5/25/2022
HVAC System	Heating	Damage/Wearout	5%	Replace building temperature control valves.	5/25/2022
HVAC System	Ventilating	Building Enhancements	100%	Upgrade ventilation. Condensation builds up in bathrooms.	5/25/2022
HVAC System	Heating	Building Enhancements	1%	Add backflow device on makeup water.	5/25/2022
HVAC System	Ventilating	Damage/Wearout	50%	Upgrade vent systems in restrooms and kitchens.	5/25/2022
Roof System	Insulation	Damage/Wearout	100%	Replace/upgrade roof insulation.	5/25/2022
Roof System	Covering	Damage/Wearout	25%	Roof EUL (warranty ends 2046). Tiles have blown off units.	5/25/2022
Safety System	Egress	Codes/Standards	100%	Upgrade fire alarm system and distribution panels.	5/25/2022
Specialties	Signange/Directories	Building Enhancements	100%	Upgrade building signage.	5/25/2022
Specialties	Cabinets/Chalkboards	Damage/Wearout	5%	Replace cabinets as needed.	5/25/2022

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System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Damage/Wearout	1%	Replace kitchens sink light fixtures.	5/25/2022
Electrical System	Lighting	Energy Conservation	5%	Upgrade lighting to LED throughout.	5/25/2022
Electrical System	Lighting	Building Enhancements	1%	Replace exterior lighting. Cannot get replacement parts for older/longer fixtures.	5/25/2022
Electrical System	Distribution	Codes/Standards	1%	Install GFCI outlets in kitchens and bathrooms.	5/25/2022
Envelope	Exterior Doors/Hatch	Damage/Wearout	15%	Replace exterior doors as needed (Including attic hatch doors).	5/25/2022
Envelope	Exterior Windows	Damage/Wearout	100%	Replace exterior windows.	5/25/2022
Finishes	Interior Doors/Yhard	Damage/Wearout	1%	Replace remaining bifold closet door as needed.	5/25/2022
Finishes	Wall Finishes	Damage/Wearout	10%	Repaint walls as needed.	5/25/2022
Finishes	Ceilings	Damage/Wearout	50%	Refinish/abate ceilings as needed.	5/25/2022
Finishes	Floor Finishes	Damage/Wearout	1%	Replace baseboards as needed.	5/25/2022
Finishes	Floor Finishes	Damage/Wearout	50%	Refinish floors as needed.	5/25/2022
Foundations	Exterior Steps/Retaini	Damage/Wearout	100%	Replace exterior steps.	5/25/2022
HVAC System	Heating	Energy Conservation	1%	Remove bathroom electric heaters and replace with lights.	5/25/2022
HVAC System	Ventilating	Building Enhancements	100%	Upgrade ventilation. Condensation builds up in bathrooms.	5/25/2022

HVAC System	Heating	Building Enhancements	1%	Add backflow device on makeup water.	5/25/2022
HVAC System	Heating	Damage/Wearout	40%	Replace hot water circulation lines.	5/25/2022
HVAC System	Heating	Damage/Wearout	5%	Replace building temperature control valves.	5/25/2022
HVAC System	Ventilating	Damage/Wearout	50%	Upgrade vent systems in restrooms and kitchens.	5/25/2022
Roof System	Covering	Damage/Wearout	25%	Roof EUL (warranty ends 2046). Tiles blown off units.	5/25/2022
Roof System	Insulation	Damage/Wearout	100%	Replace/upgrade roof insulation.	5/25/2022
Safety System	Egress	Codes/Standards	100%	Upgrade fire alarm system and distribution panels.	5/25/2022
Specialties	Signange/Directories	Building Enhancements	100%	Upgrade building signage.	5/25/2022
Specialties	Cabinets/Chalkboards	Damage/Wearout	5%	Replace cabinets as needed.	5/25/2022

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System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	5%	Upgrade lighting to LED throughout.	5/25/2022
Electrical System	Lighting	Damage/Wearout	1%	Replace kitchen sink light fixtures.	5/25/2022
Electrical System	Distribution	Codes/Standards	1%	Install GFCI outlets in kitchens and bathrooms.	5/25/2022
Electrical System	Lighting	Damage/Wearout	1%	Replace exterior lighting. Cannot get replacement parts for older/longer fixtures.	5/25/2022
Envelope	Exterior Windows	Damage/Wearout	100%	Replace exterior windows.	5/25/2022
Envelope	Exterior Doors/Hatch	Damage/Wearout	15%	Replace exterior doors as needed (Including attic hatch doors).	5/25/2022
Finishes	Ceilings	Damage/Wearout	50%	Refinish/abate ceilings as needed.	5/25/2022
Finishes	Wall Finishes	Damage/Wearout	10%	Repaint walls as needed.	5/25/2022
Finishes	Floor Finishes	Damage/Wearout	50%	Refinish floors as needed.	5/25/2022
Finishes	Interior Doors/Yhard	Damage/Wearout	1%	Replace remaining bifold closet door as needed.	5/25/2022
Finishes	Floor Finishes	Damage/Wearout	1%	Replace baseboards as needed.	5/25/2022
Foundations	Exterior Steps/Retaini	Damage/Wearout	100%	Replace exterior steps.	5/25/2022
HVAC System	Heating	Damage/Wearout	5%	Replace building temperature control valves.	5/25/2022
HVAC System	Heating	Building Enhancements	1%	Add backflow device on makeup water.	5/25/2022
HVAC System	Heating	Energy Conservation	1%	Remove bathroom electric heaters and replace with lights.	5/25/2022

HVAC System	Ventilating	Building Enhancements	100%	Upgrade ventilation. Condensation builds up in bathrooms.	5/25/2022
HVAC System	Ventilating	Damage/Wearout	50%	Upgrade vent systems in restrooms and kitchens.	5/25/2022
HVAC System	Heating	Damage/Wearout	40%	Replace hot water circulation lines.	5/25/2022
Roof System	Covering	Damage/Wearout	25%	Roof EUL (warranty ends 2046). Tiles blown off units.	5/25/2022
Roof System	Insulation	Damage/Wearout	100%	Replace/upgrade roof insulation.	5/25/2022
Safety System	Egress	Codes/Standards	100%	Upgrade fire alarm system and distribution panels.	5/25/2022
Specialties	Cabinets/Chalkboards	Damage/Wearout	5%	Replace cabinets as needed.	5/25/2022
Specialties	Signange/Directories	Building Enhancements	100%	Upgrade building signage.	5/25/2022

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System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Damage/Wearout	1%	Replace exterior lighting. Cannot get replacement parts for older/longer fixtures.	5/25/2022
Electrical System	Lighting	Damage/Wearout	1%	Replace kitchen sink light fixtures.	5/25/2022
Electrical System	Lighting	Energy Conservation	5%	Upgrade lighting to LED throughout.	5/25/2022
Electrical System	Distribution	Codes/Standards	1%	Install GFCI outlets in kitchens and bathrooms.	5/25/2022
Envelope	Exterior Windows	Damage/Wearout	100%	Replace exterior windows.	5/25/2022
Envelope	Exterior Doors/Hatch	Damage/Wearout	15%	Replace exterior doors as needed (Including attic hatch doors).	5/25/2022
Finishes	Wall Finishes	Damage/Wearout	10%	Repaint walls as needed.	5/25/2022
Finishes	Ceilings	Damage/Wearout	25%	Refinish/abate ceilings as needed.	5/25/2022
Finishes	Interior Doors/Yhard	Damage/Wearout	1%	Replace remaining bifold closet door as needed.	5/25/2022
Finishes	Floor Finishes	Damage/Wearout	25%	Refinish floors as needed.	5/25/2022
Finishes	Floor Finishes	Damage/Wearout	1%	Replace baseboards as needed.	5/25/2022
Foundations	Exterior Steps/Retaini	Damage/Wearout	100%	Replace exterior steps.	5/25/2022
HVAC System	Heating	Energy Conservation	1%	Remove bathroom electric heaters and replace with lights.	5/25/2022
HVAC System	Heating	Building Enhancements	1%	Add backflow device on makeup water.	5/25/2022
HVAC System	Ventilating	Building Enhancements	100%	Upgrade ventilation. Condensation builds up in bathrooms.	5/25/2022
HVAC System	Ventilating	Damage/Wearout	50%	Upgrade vent systems in restrooms and kitchens.	5/25/2022

HVAC System	Heating	Damage/Wearout	5%	Replace building temperature control valves.	5/25/2022
HVAC System	Heating	Damage/Wearout	40%	Replace hot water circulation lines.	5/25/2022
Roof System	Insulation	Damage/Wearout	100%	Replace/upgrade roof insulation.	5/25/2022
Roof System	Covering	Damage/Wearout	25%	Roof EUL (warranty ends 2046). Tiles blown off units.	5/25/2022
Safety System	Egress	Codes/Standards	100%	Upgrade fire alarm system and distribution panels.	5/25/2022
Specialties	Signange/Directories	Building Enhancements	100%	Upgrade building signage.	5/25/2022
Specialties	Cabinets/Chalkboards	Damage/Wearout	5%	Replace cabinets as needed.	5/25/2022

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System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	5%	Upgrade lighting to LED throughout.	5/25/2022
Electrical System	Lighting	Damage/Wearout	1%	Replace exterior lighting. Cannot get replacement parts for older/longer fixtures.	5/25/2022
Electrical System	Distribution	Codes/Standards	1%	Install GFCI outlets in kitchens and bathrooms.	5/25/2022
Envelope	Exterior Windows	Damage/Wearout	100%	Replace exterior windows.	5/25/2022
Envelope	Exterior Doors/Hatch	Damage/Wearout	15%	Replace exterior doors as needed (including attic hatch doors).	5/25/2022
Finishes	Ceilings	Damage/Wearout	10%	Replace/upgrade roof insulation.	5/25/2022
Finishes	Interior Doors/Yhard	Damage/Wearout	1%	Replace remaining bifold closet doors as needed.	5/25/2022
Finishes	Floor Finishes	Damage/Wearout	10%	Refinish floors as needed.	5/25/2022
Finishes	Floor Finishes	Damage/Wearout	1%	Replace baseboards as needed.	5/25/2022
Finishes	Wall Finishes	Damage/Wearout	10%	Repaint walls as needed.	5/25/2022
Foundations	Exterior Steps/Retaini	Damage/Wearout	100%	Replace exterior steps.	5/25/2022
HVAC System	Heating	Damage/Wearout	5%	Replace building temperature control valves.	5/25/2022
HVAC System	Ventilating	Damage/Wearout	50%	Upgrade vent systems in restrooms and kitchens.	5/25/2022
HVAC System	Heating	Damage/Wearout	40%	Replace hot water circulation lines.	5/25/2022
HVAC System	Ventilating	Building Enhancements	100%	Upgrade ventilation. Condensation builds up in bathrooms.	5/25/2022
Roof System	Insulation	Damage/Wearout	100%	Replace/upgrade roof insulation.	5/25/2022
Roof System	Covering	Damage/Wearout	25%	Roof EUL (warranty ends 2046) (tiles blown off units 119).	5/25/2022

Safety System	Egress	Codes/Standards	100%	Upgrade fire alarm system and distribution panels.	5/25/2022
Specialties	Cabinets/Chalkboards	Damage/Wearout	5%	Replace cabinets as needed.	5/25/2022
Specialties	Signange/Directories	Building Enhancements	100%	Upgrade building signage as needed.	5/25/2022

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System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Damage/Wearout	1%	Replace exterior lighting. Cannot get replacement parts for older/longer fixtures.	5/25/2022
Electrical System	Lighting	Energy Conservation	5%	Upgrade lighting to LED throughout.	5/25/2022
Electrical System	Distribution	Codes/Standards	1%	Install GFCI outlets in kitchens and bathrooms.	5/25/2022
Envelope	Exterior Windows	Damage/Wearout	100%	Replace exterior windows.	5/25/2022
Envelope	Exterior Doors/Hatch	Damage/Wearout	15%	Replace exterior doors as needed (including attic hatch doors).	5/25/2022
Finishes	Interior Doors/Yhard	Damage/Wearout	1%	Replace remaining bifold closet doors as needed.	5/25/2022
Finishes	Floor Finishes	Damage/Wearout	10%	Refinish floors as needed.	5/25/2022
Finishes	Wall Finishes	Damage/Wearout	10%	Repaint walls as needed.	5/25/2022
Finishes	Ceilings	Damage/Wearout	10%	Refinish/abate ceilings as needed.	5/25/2022
Finishes	Floor Finishes	Damage/Wearout	1%	Replace baseboards as needed.	5/25/2022
Foundations	Exterior Steps/Retaini	Damage/Wearout	100%	Replace exterior steps.	5/25/2022
HVAC System	Heating	Damage/Wearout	40%	Replace hot water circulation lines.	5/25/2022
HVAC System	Heating	Damage/Wearout	5%	Replace building temperature control valves.	5/25/2022
HVAC System	Ventilating	Damage/Wearout	50%	Upgrade vent systems in restrooms and kitchens.	5/25/2022
HVAC System	Ventilating	Building Enhancements	100%	Upgrade ventilation. Condensation builds up in bathrooms.	5/25/2022
Roof System	Covering	Damage/Wearout	25%	Roof EUL (warranty ends 2046) (tiles blown off units 119).	5/25/2022
Roof System	Insulation	Damage/Wearout	100%	Replace/upgrade roof insulation.	5/25/2022
Safety System	Egress	Codes/Standards	100%	Upgrade fire alarm system and distribution panels.	5/25/2022
Specialties	Cabinets/Chalkboards	Damage/Wearout	5%	Replace cabinets as needed.	5/25/2022
Specialties	Signange/Directories	Building Enhancements	100%	Upgrade building signage as needed.	5/25/2022

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System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Damage/Wearout	1%	Replace exterior lighting. Cannot get replacement parts for older/longer fixtures.	5/25/2022
Electrical System	Lighting	Energy Conservation	5%	Upgrade lighting to LED throughout.	5/25/2022
Electrical System	Distribution	Codes/Standards	1%	Install GFCI outlets in kitchens and bathrooms.	5/25/2022
Envelope	Exterior Windows	Damage/Wearout	100%	Replace exterior windows.	5/25/2022
Envelope	Exterior Doors/Hatch	Damage/Wearout	15%	Replace exterior doors as needed (including attic hatch doors).	5/25/2022
Finishes	Floor Finishes	Damage/Wearout	1%	Replace baseboards as needed.	5/25/2022
Finishes	Wall Finishes	Damage/Wearout	10%	Repaint walls as needed.	5/25/2022
Finishes	Ceilings	Damage/Wearout	10%	Refinish/abate ceilings as needed.	5/25/2022
Finishes	Interior Doors/Yhard	Damage/Wearout	1%	Replace remaining bifold closet doors as needed.	5/25/2022
Finishes	Floor Finishes	Damage/Wearout	10%	Refinish floors as needed.	5/25/2022
Foundations	Exterior Steps/Retaini	Damage/Wearout	100%	Replace exterior steps.	5/25/2022
HVAC System	Heating	Damage/Wearout	40%	Replace hot water circulation lines.	5/25/2022
HVAC System	Heating	Damage/Wearout	5%	Replace building temperature control valves.	5/25/2022
HVAC System	Ventilating	Building Enhancements	100%	Upgrade ventilation. Condensation builds up in bathrooms.	5/25/2022
HVAC System	Ventilating	Damage/Wearout	50%	Upgrade vent systems in restrooms and kitchens.	5/25/2022
Roof System	Covering	Damage/Wearout	25%	Roof EUL (warranty ends 2046) (tiles blown off units 119).	5/25/2022
Roof System	Insulation	Damage/Wearout	100%	Replace/upgrade roof insulation.	5/25/2022
Safety System	Egress	Codes/Standards	100%	Upgrade fire alarm system and distribution panels.	5/25/2022
Specialties	Cabinets/Chalkboards	Damage/Wearout	5%	Replace cabinets as needed.	5/25/2022
Specialties	Signange/Directories	Building Enhancements	100%	Upgrade building signage as needed.	5/25/2022

AJM Johnson Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED and add occupancy sensors.	1/9/2019
Electrical System	Distribution	Damage/Wearout	15%	Replace worn out/obsolete distribution panels.	1/9/2019

Electrical System	Distribution	Damage/Wearout	15%	Replace code deficient secondary electrical system.	1/9/2019
Envelope	Exterior Walls	Damage/Wearout	1%	Seal vertical cracks on concrete walls.	1/13/2010
Envelope	Exterior Walls	Damage/Wearout	2%	Reseal joints at louver.	1/13/2010
Envelope	Exterior Windows	Energy Conservation	10%	Replace storefront system at main stair with insulated glass (glazing at stairwell walls on west side).	12/12/2012
Envelope	Exterior Doors/Hatch	Damage/Wearout	33%	Replace original class entry door systems at the East Entry.	12/16/2015
Envelope	Exterior Walls	Damage/Wearout	2%	Patch drivit on south side.	1/9/2019
Envelope	Exterior Walls	Damage/Wearout	1%	Wall tiles broken on East side.	1/9/2019
Finishes	Interior Wall Systems	Damage/Wearout	5%	Monitor cracks in masonry on interior walls.	1/14/2004
Finishes	Interior Doors/Yhard	Damage/Wearout	4%	Replace worn out lock cores on interior doors.	1/14/2004
Finishes	Floor Finishes	Damage/Wearout	5%	Monitor cracks in 2nd floor Terrazo.	12/16/2015
Finishes	Wall Finishes	Damage/Wearout	15%	Repaint walls as needed.	12/16/2015
Finishes	Ceilings	Damage/Wearout	5%	Replace ceiling tile as needed.	1/9/2019
Finishes	Floor Finishes	Damage/Wearout	20%	Replace flooring as needed.	1/9/2019
Finishes	Floor Finishes	Damage/Wearout	15%	Replace epoxing flooring in basement.	1/9/2019
Finishes	Interior Doors/Yhard	Codes/Standards	10%	ADA compliant hardware needed throughout building.	1/9/2019
Floor System	Floor Structure	Damage/Wearout	1%	Monitor crack in floor slab at roof level in access stair.	1/13/2010
Floor System	Floor Structure	Damage/Wearout	1%	Monitor cracks in concrete on 2nd floor Terrazo.	12/16/2015
Foundations	Footings/Foundation	Damage/Wearout	1%	Assess and monitor concrete spalling on east & west foundation wall.	1/14/2004
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Replace tiele on west enterance exit.	1/9/2019
Foundations	Exterior Steps/Retaini	Damage/Wearout	1%	Repaint or replace south enterance hand rail. Rusting.	1/9/2019
HVAC System	Heating	Damage/Wearout	100%	Replace/upgrade entire HVAC system. (Most of the system is original and failing. It is hard or impossible to get many of the parts.)	1/13/2010
HVAC System	Ventilating	Damage/Wearout	100%	Replace/upgrade entire HVAC system.	1/13/2010
HVAC System	Cooling	Building Enhancements	50%	Add secondary cooling to server room.	1/9/2019
Plumbing System	Fixtures	Energy Conservation	80%	Install energy efficient plumbing fixtures.	12/16/2015
Plumbing System	Fixtures	Damage/Wearout	20%	Arco unit past expected life.	1/9/2019

Plumbing System	Supply	Damage/Wearout	80%	Replace piping (beyond expected useful life).	1/9/2019
Plumbing System	Waste	Damage/Wearout	80%	Replace worn out sanitary sewer system. (beyond normal life and some concern expressed by plumbers).	1/9/2019
Plumbing System	Waste	Building Enhancements	5%	Extend rain leaded to storm water on south side.	1/9/2019
Safety System	Extinguishing System	Codes/Standards	100%	Install fire suppression system.	1/14/2004
Specialties	Toilet Partitions	Aesthetics	50%	Replace toilet partitions.	12/12/2012

Animal Bioscience Building

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	10%	Upgrade lighting to LED throughout.	2/10/2021
Envelope	Exterior Walls	Damage/Wearout	1%	Replace aluminum siding panel gaskets that are failing.	9/10/2014
Finishes	Ceilings	Damage/Wearout	1%	Replace ceiling tiles as needed.	2/10/2021
Finishes	Floor Finishes	Damage/Wearout	5%	Replace floor finishes as needed.	2/10/2021
Finishes	Wall Finishes	Damage/Wearout	5%	Repaint wall finishes as needed. (Offices, common areas).	2/10/2021
Foundations	Exterior Steps/Retaini	Damage/Wearout	23%	Drill some holes in Planter bed on North side. Repair water damage.	9/10/2014
Foundations	Exterior Steps/Retaini	Damage/Wearout	2%	Replace railing posts that are rusting close to surface of steps or remove stairs. Stairs are spalling (North side of building).	9/13/2017
HVAC System	Cooling	Damage/Wearout	10%	Add thermal mass (storage tanks) for increased chiller load. Chiller shortcycling is decreasing lifecycle.	2/10/2021
Plumbing System	Fixtures	Damage/Wearout	15%	Supply piping for deionized water is out of date and will have to be replaced as it fails.	2/10/2021
Roof System	Covering	Damage/Wearout	10%	2010 asphault shingle covering expected useful life (30 year lifespan original to facility).	2/10/2021
Roof System	Covering	Damage/Wearout	10%	Roof insulation expected useful life.	2/10/2021
Specialties	Signange/Directories	Damage/Wearout	5%	Replace stairwell and stair exit signs.	9/10/2014

Athletic Storage Facility

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope	Exterior Walls	Damage/Wearout	5%	Replace damaged steel panels on exterior walls.	1/28/2009
Envelope	Exterior Doors/Hatch	Damage/Wearout	25%	Replace door track of west garage door.	1/28/2009
Envelope	Exterior Walls	Damage/Wearout	95%	Repaint Exterior.	1/28/2009

Envelope	Exterior Doors/Hatch	Damage/Wearout	25%	Re-attach west garage door frame to foundation.	1/28/2009

Barnard Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Voice/Data	Damage/Wearout	30%	Replace / upgrade patch panels in telecomm rooms and jack components in rooms. (Consider upgrading cabling.)	1/20/2016
Electrical System	Lighting	Energy Conservation	15%	Update lighting to LED throughout.	2/13/2019
Finishes	Floor Finishes	Damage/Wearout	3%	Repair tile at settled floors. (on going)	2/10/2010
Finishes	Interior Wall Systems	Damage/Wearout	5%	Repair/repaint corridor walls	2/13/2019
Finishes	Floor Finishes	Damage/Wearout	10%	Replace flooring as needed.	2/13/2019
Floor System	Floor Structure	Damage/Wearout	2%	Review slab in room 130 - severe cracking & fracture evidence	2/14/2007
Floor System	Floor Structure	Damage/Wearout	1%	Repair joints and thresholds at settled slabs. (on going)	2/10/2010
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Seal joints between sidewalks and buildings.	2/10/2010
HVAC System	Ventilating	Environmental Improve	2%	Replace ventilation system in room 130 (old wood shop)	2/14/2007
HVAC System	Cooling	Damage/Wearout	5%	Upsize chilled water pumps.	1/20/2016
HVAC System	Cooling	Damage/Wearout	1%	Replace cast iron vacuum line piping with PVC or copper (room 130 and rooms below 130).	1/20/2016
Plumbing System	Fixtures	Damage/Wearout	3%	Replace fixtures and toilet valves as needed.	1/20/2016
Plumbing System	Supply	Damage/Wearout	20%	Monitor and replace supply piping.	2/13/2019
Plumbing System	Waste	Damage/Wearout	20%	Monitor and replace waste piping.	2/13/2019
Roof System	Insulation	Damage/Wearout	50%	REPLACE WET INSULATION.	2/14/2007
Roof System	Covering	Damage/Wearout	100%	Replace roof covering. Roof installation was already poor two years after it was installed. There is no warranty on the roof.	1/9/2013

Black Box Theater

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope	Exterior Walls	Damage/Wearout	5%	Monitor issues at siding panel connections and gaskets at metal cladding (leakage on stair, future problem in offices - vestibule on Black Box entrance)	8/11/2010
Envelope	Exterior Windows	Damage/Wearout	1%	Replace failing window seals.	7/10/2019

Finishes	Interior Doors/Yhard	Damage/Wearout	5%	Replace damaged acoustic ceiling panels in basement.	8/11/2010
Finishes	Floor Finishes	Damage/Wearout	15%	Replace floor finishes (tiles, apoxy, etc.) as needed.	7/10/2019
Finishes	Wall Finishes	Damage/Wearout	15%	Repair and paint interior walls.	7/10/2019
Foundations	Exterior Steps/Retaini	Damage/Wearout	1%	Repair spalling stairs.	7/10/2013
Plumbing System	Supply	Damage/Wearout	10%	Supply lifespan.	7/10/2019
Roof System	Covering	Damage/Wearout	5%	Roof expected useful life. Some replaced in 2010 during hailstorm (asphault & rubber).	7/10/2019

Branegan Ct Apts - 48unit, 8 b

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope	Exterior Windows	Damage/Wearout	10%	Replace Glazing as Needed (Seal Failures).	11/17/2004
Envelope	Exterior Doors/Hatch	Damage/Wearout	5%	Replace doors at exterior storage as needed.	11/17/2004
Envelope	Exterior Walls	Damage/Wearout	2%	Misc Exterior Painting. (oil / paint fascia & soffits, corner board, and where siding meets brick)	3/26/2008
Envelope	Exterior Walls	Damage/Wearout	8%	Replace Wood Shingle Siding, Trim, and Fascia Boards.	3/26/2008
Envelope	Exterior Doors/Hatch	Damage/Wearout	10%	Replace sliding door assembly.	9/28/2011
Envelope	Exterior Windows	Damage/Wearout	3%	REPLACE WORN OUT WINDOW HARDWARE.	7/23/2014
Envelope	Exterior Doors/Hatch	Damage/Wearout	2%	Repaint door trim as needed.	7/23/2014
Finishes	Wall Finishes	Damage/Wearout	10%	REPAINT AS NEEDED.	11/17/2004
Finishes	Floor Finishes	Damage/Wearout	5%	Repair/replace damaged vinyl floor tile as needed.	3/26/2008
Finishes	Ceilings	Damage/Wearout	2%	Replace ACT tile as needed.	7/23/2014
Floor System	Floor Structure	Damage/Wearout	5%	Replace subfloor in upstairs bathroom & laundryrooms as needed.	7/23/2014
Foundations	Exterior Steps/Retaini	Damage/Wearout	6%	REPLACE CONCRETE ENTRY LANDINGS.	7/23/2014
Plumbing System	Fixtures	Codes/Standards	2%	Install pans beneath hot water heaters as needed.	11/17/2004
Plumbing System	Fixtures	Codes/Standards	5%	Investigate pressure relief valve arrangement-hot water heaters.	3/26/2008
Safety System	Exit/Emergency Lighti	Codes/Standards	75%	Add smoke detectors to each room. Consider a monitored fire detection system. (Modern code requires 1 in hallway and 1 in each bedroom. Classified as building enhancement because it is grandfathered into old code).	11/17/2004

Safety System	Extinguishing System	Codes/Standards	100%	INSTALL FIRE SUPPRESSION SYSTEM.	11/17/2004
Specialties	Signange/Directories	Codes/Standards	95%	REPLACE APARTMENT UNIT NUMBERS.	11/17/2004
Specialties	Cabinets/Chalkboards	Damage/Wearout	6%	REPLACE CABINETS AS NEEDED.	11/17/2004
Specialties	Signange/Directories	Codes/Standards	5%	Install campus standard building sign(s) at major entrance(s).	9/28/2011

Cheever Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Codes/Standards	5%	PROVIDE ADDITIONAL BRANCH CIRCUIT PANEL IN STUDIO SPACE	5/9/2007
Electrical System	Distribution	Building Enhancements	20%	Add electrical capacity. MDP and panels are full. More required.	5/12/2010
Electrical System	Distribution	Damage/Wearout	15%	Upgrade lighting to LED throughout.	4/10/2019
Electrical System	Lighting	Damage/Wearout	10%	Track mounted lighting in rooms 235 and 236, architecture studios, are no longer in production and are failing; should be replaced with flexible LED lighting.	5/8/2019
Envelope	Exterior Windows	Damage/Wearout	10%	Repair /replace damaged or missing window screens.	5/9/2007
Envelope	Exterior Windows	Energy Conservation	78%	Replace windows with thermopane windows.	5/12/2010
Envelope	Exterior Walls	Damage/Wearout	1%	Replace rusted plastic softit and structure below room 215.	5/12/2010
Envelope	Exterior Windows	Damage/Wearout	8%	Repair/replace window latches / hardware as needed.	4/10/2013
Envelope	Exterior Walls	Damage/Wearout	3%	Repair/replace damaged 2nd floor window sills. Repair lentils.	4/10/2013
Envelope	Exterior Walls	Damage/Wearout	2%	Repair/replace missing/cracked brick as needed.	4/10/2013
Envelope	Exterior Windows	Damage/Wearout	1%	Repair/replace window gaskets.	4/10/2013
Envelope	Exterior Doors/Hatch	Damage/Wearout	15%	Repaint all exterior doors.	4/13/2016
Finishes	Floor Finishes	Damage/Wearout	15%	VINYL FLOORING - REPLACE WORN/DAMAGED AREAS	5/9/2007
Finishes	Floor Finishes	Damage/Wearout	5%	Replace carpet as needed.	4/10/2013
Finishes	Floor Finishes	Damage/Wearout	5%	Replace rubber baseboard throughout 2nd floor.	4/13/2016
Finishes	Interior Doors/Yhard	Damage/Wearout	2%	Replace / relaminate doors.	4/13/2016
Finishes	Wall Finishes	Damage/Wearout	20%	Repaint interior walls.	4/10/2019
Finishes	Ceilings	Damage/Wearout	10%	REPLACE/REPAIR DAMAGED & MISSING CEILING TILES AND GYPBOARD CEILINGS.	4/10/2019
Finishes	Floor Finishes	Damage/Wearout	5%	Remove carpet in room 237 to expose concrete floor below.	5/8/2019

Finishes	Wall Finishes	Damage/Wearout	5%	Repaint areas in the stairwells that have been used for spary painting, and remove graffiti.	5/8/2019
Foundations	Footings/Foundation	Damage/Wearout	2%	Correct drainage problem at sidewalks around building.	5/9/2007
Foundations	Exterior Steps/Retaini	Damage/Wearout	1%	Monitor the rust on new steps & stairs to room 215.	4/13/2016
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	The new metal exterior stairs are rusting and need to be repainted.	5/8/2019
HVAC System	Ventilating	Environmental Improve	7%	Replace roll filters in air handling units with pleated filter medium.	5/12/2010
HVAC System	Ventilating	Damage/Wearout	8%	Repair wood shop dust collector.	4/10/2013
HVAC System	Ventilating	Environmental Improve	6%	CLEAN DUCTS, GRILLES & BALANCE SYSTEM.	4/10/2013
HVAC System	Ventilating	Environmental Improve	2%	Replace ventilation system in 121 and 108A.	4/13/2016
HVAC System	Cooling	Building Enhancements	100%	Upgrade cooling.	4/13/2016
HVAC System	Ventilating	Damage/Wearout	30%	Replace air handler units in entire building.	4/13/2016
HVAC System	Ventilating	Damage/Wearout	15%	Upgrade DDC and install thermostats in perimeter rooms.	4/13/2016
HVAC System	Heating	Damage/Wearout	7%	Replace heat exchanger bundle (no. 1).	4/13/2016
HVAC System	Heating	Damage/Wearout	10%	Replace unit ventilators.	4/10/2019
HVAC System	Heating	Damage/Wearout	15%	Upgrade BMS Digital Controls and install thermostats for perimeter rooms.	4/10/2019
HVAC System	Heating	Damage/Wearout	25%	Replace heating water piping.	4/10/2019
HVAC System	Ventilating	Environmental Improve	2%	Provide exhaust to various shop areas includin glaser room.	5/8/2019
HVAC System	Ventilating	Building Enhancements	5%	Relocate laser room 122 to room 121 to avoid dust issues or upgrade dust filtration system.	5/8/2019
Plumbing System	Fixtures	Damage/Wearout	20%	Replace hot water heater (functioning, beyond expected useful life. There is no redundancy so this unit is critical.)	4/10/2013
Plumbing System	Fixtures	Energy Conservation	65%	Replace old fixtures with water efficient fixtures.	4/13/2016
Roof System	Covering	Codes/Standards	1%	Add overflow drains.	4/13/2016
Safety System	Extinguishing System	Codes/Standards	100%	Install fire suppression system.	5/9/2007
Specialties	Signange/Directories	Damage/Wearout	5%	Provide campus standard building info signage.	5/9/2007
Specialties	Signange/Directories	Codes/Standards	95%	Provide room signage.	5/9/2007
Specialties	Toilet Partitions	Damage/Wearout	50%	Replace 1st floor toilet partitions.	4/10/2013

Chemistry and Biochem Building

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Damage/Wearout	100%	Elevator consistantly failing. Consider replacement.	3/13/2019
Electrical System	Distribution	Building Enhancements	5%	Install solar PV on south roof.	3/13/2019
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	3/13/2019
Envelope	Exterior Walls	Building Enhancements	1%	Install bird netting/ deterrent (bird feces on steel members).	3/10/2010
Envelope	Exterior Walls	Damage/Wearout	2%	Finish on steel members is fading (5-10 years).	3/10/2010
Envelope	Exterior Walls	Damage/Wearout	2%	Remove efforescence from brick (due to lack of flashing membrane below Parapet).	3/10/2010
Envelope	Exterior Windows	Damage/Wearout	1%	Window seals on SE corner of buuilding (main entrance) are broken.	3/13/2019
Finishes	Interior Wall Systems	Aesthetics	1%	Monitor cracking at South East lobby bulkhead.	2/13/2013
Finishes	Interior Doors/Yhard	Damage/Wearout	1%	Replace warping door slabs as needed.	2/10/2016
Finishes	Wall Finishes	Damage/Wearout	5%	Repaint as needed (damage from public areas furniture).	3/13/2019
Finishes	Floor Finishes	Building Enhancements	75%	Install apoxy on floors through out building	3/13/2019
Foundations	Footings/Foundation	Damage/Wearout	1%	Remedy foundation leak in Mech room (room #6).	2/10/2016
Foundations	Footings/Foundation	Damage/Wearout	1%	Repair spalling on concrete foundation of the Chemistry Store building.	2/10/2016
HVAC System	Ventilating	Building Enhancements	2%	Provide more makeup air for building to reduce negative pressure.	3/10/2010
HVAC System	Ventilating	Damage/Wearout	1%	Chemistry Stores AHU leaks through roof during periods of heavy precipitation.	3/13/2019
HVAC System	Cooling	Damage/Wearout	5%	Relocate lower sump to prevent current water and corrosion issues. THIS IS A HIGH PRIORITY FOR BUILDING.	3/13/2019
Plumbing System	Fixtures	Damage/Wearout	1%	Replace poor quality DI fixtures throughout building.	3/10/2010
Roof System	Covering	Damage/Wearout	33%	Roof is 10 years old with 30 year lifespan.	3/13/2019
Specialties	Cabinets/Chalkboards	Damage/Wearout	3%	Replace warping whiteboards as needed.	2/10/2016
Specialties	Signange/Directories	Building Enhancements	1%	Missing elevator and stairwell signage.	3/13/2019
Specialties	Signange/Directories	Building Enhancements	2%	Install building information signs.	3/13/2019

Cobleigh Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Building Enhancements	25%	Replace ADA lift on 3rd floor (beyond useful life).	5/11/2016
Electrical System	Voice/Data	Codes/Standards	5%	REMOVE ABANDONED ITC CABLE THROUGHOUT THE BUILDING.	6/13/2007
Electrical System	Distribution	Building Enhancements	30%	Upgrade electrical distribution to add capacity. (requires replacement of switchgear)	6/9/2010
Electrical System	Distribution	Damage/Wearout	5%	Replace worn breakers as nessecary.	5/8/2013
Electrical System	Building Service	Damage/Wearout	70%	Replace switchgear (beyond life, can't get replacement parts)	2/13/2019
Electrical System	Lighting	Energy Conservation	15%	Update lighting to LED throughout.	2/13/2019
Envelope	Exterior Windows	Damage/Wearout	100%	Replace windows with thermopane and repair/replace window hardware.	6/13/2007
Envelope	Exterior Doors/Hatch	Damage/Wearout	10%	Repair rust damage on door slabs or replace door slabs. (penthouse doors, North door West Side)	6/13/2007
Envelope	Exterior Walls	Damage/Wearout	3%	Repoint joints and repair cracks throughout.	5/8/2013
Envelope	Exterior Walls	Damage/Wearout	1%	Repair / replace spalled bricks.	5/8/2013
Envelope	Exterior Walls	Damage/Wearout	1%	Seal horizontal surface at all precast window eyebrows.	5/8/2013
Envelope	Exterior Doors/Hatch	Damage/Wearout	1%	Investigate drainage on West entry.	5/11/2016
Envelope	Exterior Doors/Hatch	Damage/Wearout	2%	Replace exterior door hinges as needed. (some replaced in 2015)	5/11/2016
Envelope	Exterior Walls	Damage/Wearout	1%	Remove rust & repaint lentils over West entry.	5/11/2016
Envelope	Exterior Doors/Hatch	Damage/Wearout	22%	Repair / replace rust damage on door frames (Penthouse Doors, North door West side)	5/11/2016
Envelope	Exterior Walls	Damage/Wearout	10%	Monitor bowing of south-side brick exterior wall.	2/13/2019
Finishes	Ceilings	Damage/Wearout	5%	Replace ceiling tile as needed.	6/13/2007
Finishes	Wall Finishes	Damage/Wearout	30%	PAINT INTERIOR WALLS AS NEEDED.	5/8/2013
Finishes	Floor Finishes	Damage/Wearout	10%	Repair / replace flooring as needed.	5/11/2016
Finishes	Wall Finishes	Damage/Wearout	20%	Paint interior walls as needed.	2/13/2019
Floor System	Floor Structure	Damage/Wearout	1%	Monitor cracks in slab around concrete press (room 104).	5/11/2016
Foundations	Footings/Foundation	Damage/Wearout	1%	Fix grade to West side to alleviate water issues.	5/11/2016

HVAC System	Heating	Energy Conservation	5%	INSULATE ALL CONDENSATE LINES.	6/13/2007
HVAC System	Heating	Damage/Wearout	5%	Repair/ replace/ upgrade steam condensate system serving water heater.	6/9/2010
HVAC System	Heating	Environmental Improve	1%	Upgrade heat units in concrete labs. (pipes freezing)	5/11/2016
HVAC System	Ventilating	Damage/Wearout	20%	Replace hood exhaust fans.	2/13/2019
HVAC System	Cooling	Damage/Wearout	20%	Condensation for Civil Engineering cooling tower getting in lab.	2/13/2019
Plumbing System	Fixtures	Damage/Wearout	35%	REPLACE HOT WATER HEATER	5/8/2013
Plumbing System	Supply	Damage/Wearout	10%	Replace valves (beyond life).	5/11/2016
Plumbing System	Fixtures	Damage/Wearout	7%	Replace all faucets (beyond life & for energy conservation).	5/11/2016
Plumbing System	Fixtures	Aesthetics	50%	REPLACE SINKS & URINAL FIXTURES	2/13/2019
Plumbing System	Supply	Damage/Wearout	80%	Replace supply piping. (beyond life, but still functioning)	2/13/2019
Plumbing System	Waste	Damage/Wearout	50%	Replace cast iron waste piping. (beyond life, but still functioning).	2/13/2019
Safety System	Extinguishing System	Codes/Standards	100%	INSTALL FIRE SUPPRESSION SYSTEM.	6/13/2007
Specialties	Toilet Partitions	Damage/Wearout	90%	UPGRADE TOILET PARTITIONS.	5/11/2016
Specialties	Signange/Directories	Codes/Standards	100%	UPGRADE ROOM SIGNAGE TO CAMPUS STANDARDS	5/11/2016

Colter Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Codes/Standards	100%	Upgrade freight elevator to meet current code.	1/26/2022
Electrical System	Lighting	Energy Conservation	1%	Investigate upgrades to dorm room lighting.	1/26/2022
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	1/26/2022
Electrical System	Distribution	Damage/Wearout	5%	Investigate upgrades to GFCI outlets in dorm rooms and restrooms.	1/26/2022
Envelope	Exterior Windows	Damage/Wearout	100%	Replace windows and hardware.	1/26/2022
Finishes	Interior Doors/Yhard	Damage/Wearout	25%	Replace ceiling tiles as needed.	1/26/2022
Finishes	Interior Wall Systems	Damage/Wearout	2%	Patch plaster as needed.	1/26/2022
Finishes	Wall Finishes	Damage/Wearout	50%	Repaint as needed.	1/26/2022
Finishes	Floor Finishes	Damage/Wearout	60%	Replace carpet in dorm rooms.	1/26/2022
Finishes	Floor Finishes	Damage/Wearout	5%	Seal and repair tile in bathrooms as needed.	1/26/2022

Finishes	Interior Doors/Yhard	Damage/Wearout	5%	Repair interior doors as needed.	1/26/2022
Finishes	Interior Doors/Yhard	Codes/Standards	20%	Upgrade door hardware to campus standard.	1/26/2022
Floor System	Stair Treads/Risers	Damage/Wearout	5%	Repair worn-out stair nosing.	1/26/2022
Foundations	Exterior Steps/Retaini	Codes/Standards	5%	Investigate upgrades to loading docks to improve safety and repair spalling concrete.	1/26/2022
HVAC System	Ventilating	Environmental Improve	20%	Provide make-up air to restrooms.	1/26/2022
HVAC System	Heating	Energy Conservation	5%	Install automatic control valves in corridors, stairs and lounges.	1/26/2022
HVAC System	Heating	Damage/Wearout	1%	Provide larger access doors for steam traps beside sinks.	1/26/2022
HVAC System	Heating	Damage/Wearout	20%	Replace steam & condensate piping	1/26/2022
HVAC System	Heating	Damage/Wearout	5%	Investigate leaks into control airlines.	1/26/2022
Plumbing System	Supply	Damage/Wearout	50%	Supply piping expected useful life. No signs of failure.	1/26/2022
Plumbing System	Waste	Damage/Wearout	15%	Replace waste vent for shower stacks.	1/26/2022
Plumbing System	Supply	Damage/Wearout	50%	Replace supply piping, nearing end of expected useful life and there are frequent failures.	1/26/2022
Plumbing System	Fixtures	Damage/Wearout	20%	Upgrade all bathroom and dorm room fixtures.	1/26/2022
Plumbing System	Waste	Damage/Wearout	5%	Waste piping expected useful life. No signs of failure.	1/26/2022
Plumbing System	Fixtures	Damage/Wearout	20%	Replace hot water circulation lines.	1/26/2022
Roof System	Covering	Damage/Wearout	1%	Investigate repairs to existing roof hatches.	1/26/2022
Roof System	Insulation	Damage/Wearout	50%	Roof beyond expected useful life with no records of failure (last replaced in 1995).	1/26/2022
Roof System	Covering	Damage/Wearout	50%	Roof beyond expected useful life with no records of failure (last replaced in 1995).	1/26/2022
Safety System	Exit/Emergency Lighti	Codes/Standards	100%	Upgrade fire monitoring systems to meet current code.	1/26/2022
Specialties	Toilet Partitions	Damage/Wearout	100%	Upgrade all toilet partitions.	1/26/2022
Specialties	Signange/Directories	Codes/Standards	100%	Upgrade building signage and directories.	1/26/2022
Specialties	Fixed Seating/Risers	Damage/Wearout	100%	Replace worn out cabinets and hardware throughout.	1/26/2022

Cooley Lab

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated

Finishes	Wall Finishes	Damage/Wearout	1%	Install chair rails in public areas (199CM, 499CM).	4/16/2014
Finishes	Interior Wall Systems	Damage/Wearout	15%	Paint all common areas (hallways, public areas, restrooms) as needed.	3/8/2017
Roof System	Covering	Damage/Wearout	1%	Extend roof drain outlets at SE corner of building. (water is seeping into laser room 5E)	4/16/2014
Roof System	Covering	Damage/Wearout	30%	Roof expected useful life - asphault shingle (30 EUL).	1/13/2021

Culbertson Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Codes/Standards	100%	Replace freight elevator with a passenger elevator.	1/26/2022
Electrical System	Distribution	Building Enhancements	20%	Provide miscellaneous branch circuits. Portable AC trips, not enough circuits.	7/8/2015
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout for energy efficiency.	4/11/2018
Electrical System	Voice/Data	Damage/Wearout	15%	Upgrade data coverage (routing and access of cabling is difficult and preventing wireless upgrade).	4/11/2018
Electrical System	Distribution	Codes/Standards	5%	Investigate GFCI upgrades in bathrooms.	1/26/2022
Envelope	Exterior Doors/Hatch	Damage/Wearout	25%	Repaint exterior doors.	7/8/2015
Envelope	Exterior Windows	Damage/Wearout	100%	Replace all windows and hardware.	1/26/2022
Finishes	Floor Finishes	Damage/Wearout	1%	Repair 1st floor tiles (First Floor).	6/11/2003
Finishes	Interior Doors/Yhard	Codes/Standards	5%	Install panic hardware.	1/26/2022
Finishes	Wall Finishes	Damage/Wearout	15%	Repaint as needed.	1/26/2022
Finishes	Ceilings	Damage/Wearout	15%	Replace/repair damaged ceiling tiles.	1/26/2022
Finishes	Floor Finishes	Damage/Wearout	30%	Replace floor covering.	1/26/2022
Floor System	Stair Treads/Risers	Damage/Wearout	3%	Moniter crack between North stairwell and original building.	4/11/2018
HVAC System	Ventilating	Damage/Wearout	3%	Clean bathroom ductwork.	6/14/2000
HVAC System	Heating	Damage/Wearout	10%	Replace obsolete controls (no parts available).	7/8/2015
HVAC System	Heating	Damage/Wearout	25%	Repair steampiping and insulation.	4/11/2017
HVAC System	Cooling	Building Enhancements	75%	Add cooling. First floor complete.	4/11/2018

HVAC System	Heating	Damage/Wearout	25%	Fintube fixtures falling off plaster. Wall deteriorating back of fintubes. Remount fin tube fixtures.	4/11/2018
HVAC System	Heating	Damage/Wearout	25%	Repair/replace condensate piping.	4/11/2018
HVAC System	Heating	Damage/Wearout	10%	Replace pneumatic piping.	1/26/2022
Plumbing System	Fixtures	Damage/Wearout	1%	Replace controls for Airco downstairs.	7/8/2015
Plumbing System	Supply	Damage/Wearout	40%	Replace supply piping nearing end of expected useful life. Few failures.	7/8/2015
Plumbing System	Supply	Codes/Standards	2%	Install backflow device.	1/26/2022
Plumbing System	Waste	Damage/Wearout	40%	Waste piping nearing end of expected useful life. Few failures	1/26/2022
Plumbing System	Fixtures	Damage/Wearout	75%	Replace worn out fixtures.	1/26/2022
Roof System	Covering	Damage/Wearout	40%	EPDM installed in 2006. No signs of failure.	1/26/2022
Safety System	Exit/Emergency Lighti	Codes/Standards	100%	Upgrade fire monitoring system.	1/26/2022
Safety System	Extinguishing System	Codes/Standards	100%	Install fire suppression system.	1/26/2022
Specialties	Signange/Directories	Codes/Standards	100%	Upgrade signage to campus standard.	7/8/2015
Specialties	Cabinets/Chalkboards	Damage/Wearout	90%	Replace cabinetry throughout.	1/26/2022
Specialties	Toilet Partitions	Damage/Wearout	100%	Replace outdated toilet partitions.	1/26/2022

Danforth Chapel

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Voice/Data	Building Enhancements	5%	Investigate adding telephone service to building.	1/29/2009
Electrical System	Lighting	Energy Conservation	15%	Install LED lighting throughout.	9/26/2018
Envelope	Exterior Windows	Damage/Wearout	1%	Repaint east side window frames (white painted portion).	1/29/2009
Envelope	Exterior Windows	Damage/Wearout	10%	Replace and repair stained glass on inside including light fixture coverings	1/25/2017
Envelope	Exterior Walls	Damage/Wearout	5%	Replace rotting siding on west wall.	9/26/2018
Envelope	Exterior Windows	Damage/Wearout	10%	REPLACE WINDOWS IN THE BACK ROOM.	9/26/2018
Finishes	Wall Finishes	Damage/Wearout	2%	Repaint west wall in chime room as needed	1/29/2009
Finishes	Ceilings	Damage/Wearout	10%	Repaint ceiling as required for water spotting.	9/26/2018
HVAC System	Heating	Damage/Wearout	5%	REPLACE EXPANSION TANK.	2/16/2005

Plumbing System	Supply	Damage/Wearout	10%	Replacy supply piping.	9/26/2018
Plumbing System	Waste	Damage/Wearout	10%	Replace waste piping.	9/26/2018
Roof System	Covering	Damage/Wearout	75%	Replace Roof	1/25/2017
Safety System	Extinguishing System	Codes/Standards	100%	Install extinguishing system.	2/16/2005
Safety System	Exit/Emergency Lighti	Codes/Standards	30%	Add fire alarms.	2/16/2005
Specialties	Signange/Directories	Codes/Standards	100%	Install room, directional and services signage.	2/16/2005

Daycare/Community Center

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	7/22/2020
Envelope	Exterior Walls	Damage/Wearout	30%	Paint exterior as needed (south & west)	1/25/2017
Envelope	Exterior Windows	Damage/Wearout	25%	Replace exterior windows and weathe stripping	1/25/2017
Finishes	Wall Finishes	Damage/Wearout	5%	Repaint interior walls and replace baseboards as needed.	9/25/2013
Finishes	Floor Finishes	Damage/Wearout	10%	Remove carpet in three rooms and replace floor coverings	1/25/2017
HVAC System	Ventilating	Damage/Wearout	5%	Investigate 2 exhaust fans	1/25/2017
HVAC System	Heating	Building Enhancements	2%	Install programmable thermostat in room 119	1/25/2017
Plumbing System	Fixtures	Damage/Wearout	5%	Replace kitchen faucets with commercial faucets	1/25/2017
Plumbing System	Supply	Damage/Wearout	60%	Supply EUL - No current signs of failure. Supply piping is original to the facility.	7/22/2020
Plumbing System	Waste	Damage/Wearout	60%	Waste EUL - No visible signs of failure. Waste piping is original to the facility.	7/22/2020
Roof System	Covering	Damage/Wearout	30%	Roof EUL - Last replaced in 2011. (11-0020)	7/22/2020
Safety System	Exit/Emergency Lighti	Codes/Standards	10%	Install emergency lighting into the corridors.	9/25/2013
Specialties	Cabinets/Chalkboards	Damage/Wearout	75%	Replace kitchen counters & cabinets including bathroom casework	2/16/2005
Specialties	Signange/Directories	Building Enhancements	100%	Upgrade signs with standard.	9/25/2013

Family Housing Office

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	7/22/2020

Envelope	Exterior Windows	Damage/Wearout	10%	REPLACE EXTERIOR WINDOWS AS NEEDED.	6/15/2005
Envelope	Exterior Doors/Hatch	Damage/Wearout	40%	Replace overhead garage doors with insulated doors.	10/28/2015
Envelope	Exterior Doors/Hatch	Damage/Wearout	10%	Replace North entrance door.	10/28/2015
Envelope	Exterior Walls	Energy Conservation	100%	Building envelope should be replaced/updated throughout before upgrading heating.	7/22/2020
Finishes	Floor Finishes	Damage/Wearout	10%	Replace as needed (coordinate with underlayment).	10/28/2015
Floor System	Floor Structure	Damage/Wearout	10%	Replace subfloor at water damaged areas.	10/28/2015
Foundations	Footings/Foundation	Damage/Wearout	1%	Monitor hairline cracks.	10/28/2015
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Replace concrete at North entry.	10/28/2015
HVAC System	Heating	Damage/Wearout	30%	Replace gas stove in garage shop area for safety and energy.	10/28/2015
HVAC System	Heating	Building Enhancements	5%	Add heating to garage.	7/22/2020
Roof System	Covering	Damage/Wearout	20%	REPAIR/REPLACE FASCIA AND SOFFITS AS NEEDED.	2/27/2013
Roof System	Covering	Damage/Wearout	50%	Roof EUL - Last replaced in 2005 (04-0119)	7/22/2020
Specialties	Signange/Directories	Codes/Standards	100%	Install campus standard interior room signage.	2/27/2013

Fieldhouse

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Building Service	Damage/Wearout	25%	Upgrade building service.	2/26/2020
Electrical System	Distribution	Damage/Wearout	25%	Upgrade main distribution system. (19-0147).	2/26/2020
Electrical System	Lighting	Energy Conservation	10%	Upgrade lighting to LED throughout.	2/26/2020
Envelope	Exterior Walls	Damage/Wearout	5%	Repoint masonry & replace damaged block/brick.	2/28/1995
Envelope	Exterior Walls	Damage/Wearout	1%	Repair CMU cracking on main building halfway up.	6/21/2006
Envelope	Exterior Windows	Damage/Wearout	15%	Replace original windows at north and west side of building.	7/22/2009
Envelope	Exterior Windows	Damage/Wearout	40%	Replace original windows around arena dome. Design completed: PPA 16-0133.	7/22/2009
Envelope	Exterior Walls	Damage/Wearout	14%	Insulate exterior masonry walls.	6/24/2015
Envelope	Interior Columns/Bea	Damage/Wearout	2%	Monitor cracks in beams located in the North mezzanine men and woman's bathrooms.	2/26/2020

Finishes	Ceilings	Damage/Wearout	5%	Replace ceiling tiles as needed.	2/26/2020
Finishes	Wall Finishes	Damage/Wearout	5%	Prep & paint as needed.	2/26/2020
Finishes	Floor Finishes	Damage/Wearout	5%	Replace carpet as needed.	2/26/2020
Finishes	Interior Doors/Yhard	Damage/Wearout	5%	Upgrade non-compliant hardware.	2/26/2020
Floor System	Stair Treads/Risers	Damage/Wearout	1%	Upgrade nosings to more visible material. Current paint is wearing and is difficult to see when dark.	2/26/2020
Floor System	Floor Structure	Damage/Wearout	30%	Replace track flooring.	2/26/2020
Foundations	Exterior Steps/Retaini	Damage/Wearout	2%	Repaint all railings as needed.	6/24/2015
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Repair retaining wall parging.	6/24/2015
Foundations	Exterior Steps/Retaini	Damage/Wearout	3%	Replace rusting railings.	6/24/2015
HVAC System	Ventilating	Environmental Improve	10%	Increase ventilation in visiting team locker and dressing rooms.	6/24/2015
HVAC System	Heating	Damage/Wearout	40%	Replace air handler units in arena (beyond life expectancy).	6/24/2015
HVAC System	Ventilating	Damage/Wearout	6%	Add VFDs to supply & exhaust fans. (Improve ventilation for locker rooms.)	6/24/2015
HVAC System	Heating	Damage/Wearout	1%	Add controls to Mezzanine H&Vs (4).	6/24/2015
HVAC System	Ventilating	Damage/Wearout	40%	Replace air handler units in arena (beyond life expectancy).	6/24/2015
Plumbing System	Waste	Damage/Wearout	5%	Replace below grade waste piping.	6/21/2006
Plumbing System	Fixtures	Damage/Wearout	10%	Replace old fixtures w/ low flow fixtures.	7/22/2009
Plumbing System	Fixtures	Damage/Wearout	2%	Replace sinks and faucets in original restrooms in lobby and mezzanine (room 227).	2/26/2020
Plumbing System	Supply	Damage/Wearout	50%	Supply piping expected useful life.	2/26/2020
Plumbing System	Waste	Damage/Wearout	50%	Waste piping expected useful life.	2/26/2020
Roof System	Covering	Damage/Wearout	10%	PDM Arena roof covering expected useful life. Replaced in 2012.	2/26/2020
Roof System	Covering	Damage/Wearout	1%	Investigate roof drainage (from dome) of West Lobby.Repairs/replacement in progress: PPA 19-0172.	2/26/2020
Roof System	Structure	Damage/Wearout	5%	Replace / upgrade west lobby flat roof. Scheduled for 2021: PPA 19-0058.	2/26/2020
Specialties	Lockers	Damage/Wearout	1%	Re[;ace vanity in women's basketball and volleyball lockerooms.	2/26/2020

Specialties	Fixed Seating/Risers	Damage/Wearout	25%	Replace south 100-level risers.	2/26/2020
Specialties	Toilet Partitions	Damage/Wearout	10%	Replace toilet partitions at Men's North Mezzanine.	2/26/2020

FS Butler Building

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Codes/Standards	5%	Install light covers.	8/22/2018
Electrical System	Lighting	Building Enhancements	50%	Install more lighting (LED) throughout shop.	8/22/2018
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	8/22/2018
Envelope	Exterior Walls	Damage/Wearout	20%	Exterior of building bent, punctured and showing wear.	8/22/2018
Foundations	Footings/Foundation	Damage/Wearout	5%	Monitor foundation cracks.	8/22/2018
HVAC System	Ventilating	Damage/Wearout	10%	Repair/replace insulation on duct-work.	8/22/2018
HVAC System	Ventilating	Damage/Wearout	10%	Repair ventilation on dust collector.	8/22/2018
Plumbing System	Waste	Damage/Wearout	5%	Monitor drain, does not always work.	8/22/2018
Roof System	Covering	Damage/Wearout	100%	Replace roof.	8/22/2018
Specialties	Signange/Directories	Codes/Standards	100%	Install building signage.	8/22/2018

FS Campus Stores

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Codes/Standards	5%	Install light guards on all fluorescent light fixtures.	7/11/2018
Electrical System	Lighting	Energy Conservation	10%	Replace existing fluorescent lamps in fixture with LED's.	7/11/2018
Envelope	Exterior Walls	Damage/Wearout	5%	Vertical fascia are coming detached from façade/warping.	7/11/2018
Finishes	Ceilings	Damage/Wearout	5%	Cracks in sheetrock ceilings.	7/11/2018
Floor System	Floor Structure	Damage/Wearout	5%	Cracks in concrete slab.	7/11/2018
Roof System	Covering	Damage/Wearout	100%	Monitor roof leaks. Replace roof covering.	8/22/2018
Specialties	Signange/Directories	Codes/Standards	100%	Install building signage throughout.	8/22/2018

FS Carpenter Shop

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope	Exterior Doors/Hatch	Damage/Wearout	5%	Interior side of garage door is damaged.	8/22/2018
Foundations	Footings/Foundation	Damage/Wearout	5%	Monitor foundation cracks.	8/22/2018

Specialties	Signange/Directories	Codes/Standards	100%	Install signage throughout.	8/22/2018

FS Cust. Chem Storage Quonset

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope	Exterior Walls	Damage/Wearout	20%	Exterior walls (roof) behond life and leaking	8/22/2018
Finishes	Interior Wall Systems	Damage/Wearout	5%	Water leaking on south wall of structure.	7/11/2018
Finishes	Floor Finishes	Damage/Wearout	5%	Cracks in slab-on-grade floor.	7/11/2018
Foundations	Footings/Foundation	Damage/Wearout	5%	Slab-on-grade foundation has leaks on North-East corner of building.	7/11/2018
Roof System	Covering	Damage/Wearout	100%	Monitor roof leaks. Replace.	8/22/2018
Specialties	Signange/Directories	Codes/Standards	100%	Install signage throught.	8/22/2018

FS Custodial Office Quonset

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope	Exterior Windows	Damage/Wearout	25%	Window on west end at key distribution desk needs replaced.	7/11/2018
Envelope	Exterior Doors/Hatch	Damage/Wearout	25%	Water leaks around southwest and east doors.	7/11/2018
Envelope	Exterior Walls	Damage/Wearout	20%	Exterior walls damaged and leaking.	8/22/2018
Finishes	Floor Finishes	Damage/Wearout	50%	Carpet needs replaced throughout entire building.	7/11/2018
HVAC System	Heating	Building Enhancements	20%	Heat is not efficient during key periods and does not function optimally to provide occupant comfort.	7/11/2018
HVAC System	Cooling	Building Enhancements	20%	Air conditioning is not efficient during key periods and does not fudtion optimally to provide occupant comfort.	7/11/2018
Roof System	Covering	Damage/Wearout	100%	Monitor roof leaks. Replace.	8/22/2018
Specialties	Signange/Directories	Codes/Standards	100%	Install signange throughout.	8/22/2018

FS Custodial Storage Quonset

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope	Exterior Walls	Damage/Wearout	100%	Wood exterior is rotting and past its viable lifespan.	7/11/2018
Envelope	Exterior Windows	Damage/Wearout	100%	Windows are rotting and/or broken and past their viable lifespan.	7/11/2018
Envelope	Exterior Doors/Hatch	Damage/Wearout	100%	Exterior doors are wood construction, rotting, not secure and past their viable lifespan.	7/11/2018
Finishes	Ceilings	Damage/Wearout	100%	Ceiling material is failing and unsafe. It is past viable lifespan.	7/11/2018

Finishes	Wall Finishes	Damage/Wearout	100%	Wall material is failing and unsafe. It is past viable lifespan.	7/11/2018
Floor System	Floor Structure	Damage/Wearout	80%	Wood floors are salvageable but are routinely exposed to the elements given other structural factores.	7/11/2018
Foundations	Footings/Foundation	Damage/Wearout	100%	Foundation is inadequate to support structure: rotting wood and water infiltration.	7/11/2018
Roof System	Structure	Damage/Wearout	100%	Metal roofing is failing and is no longer watertight / weatherproof.	7/11/2018
Roof System	Covering	Damage/Wearout	100%	Roof covering is past its viable lifespan.	7/11/2018
Specialties	Signange/Directories	Codes/Standards	100%	Install signage throughout.	8/22/2018

FS Electricians Quonset

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Codes/Standards	5%	Install protective tubing on lights.	8/22/2018
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	8/22/2018
Envelope	Exterior Walls	Damage/Wearout	20%	Metal exterior damaged and leaking.	8/22/2018
Envelope	Exterior Doors/Hatch	Damage/Wearout	5%	Monitor water infiltration at west garage door.	8/22/2018
Finishes	Interior Wall Systems	Codes/Standards	10%	Cover exposed insulation.	8/22/2018
Foundations	Footings/Foundation	Damage/Wearout	5%	Monitor foundation cracks.	8/22/2018
Plumbing System	Supply	Safety	5%	Install safety shower and eyewash station.	8/22/2018
Roof System	Covering	Damage/Wearout	100%	Roof leaks and is beyond viable lifespan.	8/22/2018
Specialties	Signange/Directories	Codes/Standards	100%	Install signage throughout.	8/22/2018

FS Engineering Quonset

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	15%	Upgrade to LED lighting for energy conservation.	7/11/2018
Envelope	Exterior Walls	Damage/Wearout	20%	Metal exterior damaged and leaking.	8/22/2018
Finishes	Ceilings	Damage/Wearout	5%	Ceiling tiles stained from roof leaks.	7/11/2018
Floor System	Floor Structure	Damage/Wearout	5%	Cracks in floor (slab on grade).	7/11/2018
Foundations	Footings/Foundation	Damage/Wearout	5%	Cracked foundation walls.	7/11/2018
Roof System	Covering	Damage/Wearout	100%	Leaks in roof -- Failing roof covering.	7/11/2018

Specialties	Signange/Directories	Codes/Standards	100%	Install signage throughout.	8/22/2018

FS Equipment Storage

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	8/22/2018
Envelope	Exterior Walls	Damage/Wearout	30%	Envelope is bent, puctured and cracked.	8/22/2018
Envelope	Exterior Windows	Damage/Wearout	100%	Replace windows.	8/22/2018
HVAC System	Ventilating	Damage/Wearout	50%	Repair vent / EF systems.	8/22/2018
Roof System	Covering	Damage/Wearout	100%	Monitor roof leaks. Replace.	8/22/2018
Specialties	Signange/Directories	Codes/Standards	100%	Install signage throughout.	8/22/2018

FS Grounds Fabric Storage

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Roof System	Covering	Damage/Wearout	1%	Monitor tears in tarp roof canopy.	8/22/2018
Specialties	Signange/Directories	Codes/Standards	100%	Install building signage.	8/22/2018

FS Grounds Greenhouse

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope	Exterior Walls	Damage/Wearout	25%	Exterior walls damaged and beyond useful life.	8/22/2018
Envelope	Exterior Doors/Hatch	Damage/Wearout	50%	Replace south door.	8/22/2018
Envelope	Interior Columns/Bea	Damage/Wearout	100%	Rotting wood structure	8/22/2018
Finishes	Interior Wall Systems	Codes/Standards	5%	Cover exposed insulation.	8/22/2018
Specialties	Signange/Directories	Codes/Standards	100%	Install building signage.	8/22/2018

FS Grounds Shop

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	8/22/2018
Envelope	Exterior Windows	Damage/Wearout	75%	Replace windows with energy efficient windows. Windows are beyond life.	8/22/2018
Envelope	Exterior Walls	Damage/Wearout	10%	Exterior walls are showing damage and wear.	8/22/2018
Foundations	Footings/Foundation	Damage/Wearout	5%	Monitor foundation cracks.	8/22/2018

HVAC System	Heating	Energy Conservation	5%	Add programmable thermostate in garage.	8/22/2018
Plumbing System	Waste	Codes/Standards	50%	Install plumbing vent for fixtures.	8/22/2018
Plumbing System	Supply	Codes/Standards	10%	Insulate water piping.	8/22/2018
Roof System	Covering	Damage/Wearout	25%	Monitor leaks in roof.	8/22/2018
Roof System	Covering	Damage/Wearout	75%	Replace roof.	8/22/2018
Specialties	Signange/Directories	Codes/Standards	100%	Install building signage throughout.	8/22/2018

FS Heat Plant Storage

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	8/22/2018
Envelope	Exterior Doors/Hatch	Damage/Wearout	25%	Replace north door on west structure.	8/22/2018
Envelope	Exterior Walls	Damage/Wearout	50%	Exterior walls damaged and leaking.	8/22/2018
Envelope	Exterior Windows	Damage/Wearout	75%	Replace windows on west structure.	8/22/2018
Finishes	Interior Wall Systems	Damage/Wearout	75%	Wall finishes beyond lifespan.	8/22/2018
Foundations	Footings/Foundation	Damage/Wearout	5%	Monitor foundation cracks.	8/22/2018
Plumbing System	Supply	Codes/Standards	10%	Insulate water piping.	8/22/2018
Roof System	Covering	Damage/Wearout	100%	Replace roof covering. Roof leaks.	8/22/2018
Specialties	Signange/Directories	Codes/Standards	100%	Install building signage.	8/22/2018

FS Irrigation Storage

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope	Exterior Doors/Hatch	Damage/Wearout	100%	Wooden door showing signs of rotting. Replace.	8/22/2018
Envelope	Exterior Walls	Damage/Wearout	100%	Exterior walls deteriorating.	8/22/2018
Finishes	Wall Finishes	Damage/Wearout	100%	Update all finishes	8/22/2018
Floor System	Floor Structure	Damage/Wearout	100%	Floor structure rotting. Replace.	8/22/2018
Foundations	Footings/Foundation	Damage/Wearout	100%	Beyond life. Replace.	8/22/2018
Roof System	Covering	Damage/Wearout	100%	Replace covering	8/22/2018
Roof System	Structure	Damage/Wearout	100%	Replace roof structure.	8/22/2018

Specialties	Signange/Directories	Codes/Standards	100%	Install signage throughout	8/22/2018

FS Laborers Quonset

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	5%	Add protective tubing to lights.	8/22/2018
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	8/22/2018
Envelope	Exterior Walls	Damage/Wearout	20%	Exterior walls damaged and showing signs of water infiltration.	8/22/2018
Finishes	Interior Wall Systems	Codes/Standards	20%	Cover exposed insulation.	8/22/2018
Finishes	Interior Wall Systems	Damage/Wearout	20%	Insulation fallin in back storage area.	8/22/2018
Foundations	Footings/Foundation	Damage/Wearout	5%	Monitor water infiltration through foundation on north side of office.	8/22/2018
Foundations	Footings/Foundation	Damage/Wearout	20%	Monitor foundation cracks.	8/22/2018
HVAC System	Ventilating	Codes/Standards	5%	Provide combustion air for gas heat.	8/22/2018
Roof System	Covering	Damage/Wearout	100%	Replace roof. Roof is leaking.	8/22/2018
Specialties	Signange/Directories	Codes/Standards	100%	Install signage throughout.	8/22/2018

FS Mech./Metal Shop

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope	Exterior Walls	Damage/Wearout	10%	Exterior wall coverings damaged and punctured and rusting in several locations.	8/22/2018
HVAC System	Heating	Environmental Improve	10%	There is no heating in room 103. Current occupant uses space heater.	7/11/2018
HVAC System	Ventilating	Environmental Improve	25%	Metal shop (room 131) has no ventilation.	7/11/2018
HVAC System	Ventilating	Environmental Improve	2%	Ventilation throughout building should be evaluated.	7/11/2018
Roof System	Covering	Damage/Wearout	100%	Monitor roof leaks. Roof needs replacement.	8/22/2018
Specialties	Signange/Directories	Codes/Standards	100%	Install signage and directories throughout.	8/22/2018

FS Meeting Quonset

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED.	8/22/2018
Envelope	Exterior Walls	Damage/Wearout	20%	Exterior walls showing signs of damage and water infliltration.	8/22/2018
Finishes	Wall Finishes	Damage/Wearout	25%	Repaint walls.	8/22/2018

Finishes	Ceilings	Damage/Wearout	25%	Replace ceiling tiles as needed.	8/22/2018
Finishes	Interior Wall Systems	Damage/Wearout	5%	Monitor cracks in drywall.	8/22/2018
Foundations	Footings/Foundation	Damage/Wearout	5%	Monitor foundation cracks.	8/22/2018
Roof System	Covering	Damage/Wearout	100%	Monitor leaks in roof. Roof needs replacement.	8/22/2018
Specialties	Signange/Directories	Codes/Standards	100%	Install signage throughout.	8/22/2018

FS Paint Booth / Shop

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Codes/Standards	20%	Exposed bulbs in lighting fixtures - needs guards.	7/11/2018
Electrical System	Lighting	Energy Conservation	1%	Replace explosion proof fixtures with LED's.	7/11/2018
Envelope	Exterior Windows	Damage/Wearout	100%	Exterior windows, cracked panes and beyond lifespan.	7/11/2018
Envelope	Exterior Doors/Hatch	Damage/Wearout	50%	Replace front egress doors with weathertight door with window.	7/11/2018
Envelope	Exterior Walls	Damage/Wearout	100%	Exterior walls damaged, and beyond useful life.	8/22/2018
Finishes	Interior Wall Systems	Damage/Wearout	100%	Wall finishes beyond lifespan.	7/11/2018
Finishes	Wall Finishes	Damage/Wearout	100%	Wall finishes beyond life span.	7/11/2018
Finishes	Floor Finishes	Damage/Wearout	100%	Floor finishes beyond lifespan.	7/11/2018
Finishes	Ceilings	Damage/Wearout	100%	Ceiling finishes beyond lifespan.	7/11/2018
Finishes	Interior Doors/Yhard	Damage/Wearout	80%	Interior doors, hardware and window finishes beyond lifespan.	7/11/2018
Floor System	Floor Structure	Damage/Wearout	20%	Cracks in concrete floor throughout building.	7/11/2018
Roof System	Structure	Damage/Wearout	100%	Roof structure beyond lifespan - replace.	7/11/2018
Roof System	Covering	Damage/Wearout	100%	Replace roof covering. Roof leaks.	8/22/2018
Safety System	Extinguishing System	Codes/Standards	5%	Investigate need for extinguishing system due to storage of flammable materials.	7/11/2018
Specialties	Signange/Directories	Codes/Standards	100%	Install building signage throughout.	8/22/2018

FS Plumbers Quonset

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	8/22/2018
Electrical System	Lighting	Codes/Standards	5%	Install protective tubing on lights.	8/22/2018

Envelope	Exterior Walls	Damage/Wearout	20%	Exterior walls damaged and showing signs of water infiltration.	8/22/2018
Finishes	Interior Wall Systems	Codes/Standards	10%	Cover exposed insulation.	8/22/2018
Foundations	Footings/Foundation	Damage/Wearout	5%	Monitor foundation cracks.	8/22/2018
Plumbing System	Supply	Damage/Wearout	10%	Insulate water piping.	8/22/2018
Plumbing System	Supply	Codes/Standards	5%	Install eyewash and safety shower.	8/22/2018
Plumbing System	Waste	Codes/Standards	50%	Add vent to sink waste.	8/22/2018
Roof System	Covering	Damage/Wearout	100%	Repalce/Patch roof. Roof is leaking.	8/22/2018
Specialties	Signange/Directories	Codes/Standards	100%	Install signage throughout.	8/22/2018

FS Polyhouse Quonset

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope	Exterior Walls	Damage/Wearout	10%	Exterior walls (also roof covering) showing signs of water infiltration.	8/22/2018
Envelope	Exterior Doors/Hatch	Damage/Wearout	10%	Replace garage door.	8/22/2018
HVAC System	Ventilating	Damage/Wearout	5%	Holes in plastic ventilation ducts.	8/22/2018
Specialties	Signange/Directories	Codes/Standards	100%	Install signage throughout.	8/22/2018

FS Refrigeration Quonset

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	8/22/2018
Electrical System	Lighting	Codes/Standards	5%	Install protective tubing on lights.	8/22/2018
Envelope	Exterior Doors/Hatch	Damage/Wearout	5%	Monitor water infiltration at west garage door.	8/22/2018
Envelope	Exterior Walls	Damage/Wearout	20%	Exterior walls damaged and showing signs of water infiltration.	8/22/2018
Finishes	Interior Wall Systems	Codes/Standards	10%	Cover exposed insulation.	8/22/2018
Finishes	Floor Finishes	Damage/Wearout	20%	Floor finishes beyond viable life	8/22/2018
Finishes	Wall Finishes	Damage/Wearout	1%	Repaint walls as needed.	8/22/2018
Finishes	Ceilings	Damage/Wearout	20%	Install/Repair ceiling finishes	8/22/2018
Foundations	Footings/Foundation	Damage/Wearout	10%	Montitor foundation cracks and leaks	8/22/2018
Plumbing System	Supply	Safety	5%	Add eye wash and safety shower station.	8/22/2018

Plumbing System	Waste	Codes/Standards	50%	Add vent to sink waste.	8/22/2018
Plumbing System	Supply	Codes/Standards	10%	Insulate water piping.	8/22/2018
Roof System	Covering	Damage/Wearout	100%	Roof leaks and is beyond viable lifespan.	8/22/2018
Specialties	Signange/Directories	Codes/Standards	100%	Install signage throughout.	8/22/2018

FS Storage Quonset

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope	Exterior Walls	Damage/Wearout	100%	Wood exterior is rotting and past viable lifespan.	8/22/2018
Envelope	Exterior Windows	Damage/Wearout	100%	Windows are rotting/broken and past useful lifespan.	8/22/2018
Envelope	Exterior Doors/Hatch	Damage/Wearout	100%	Exterior doors are rotting and past viable life.	8/22/2018
Floor System	Floor Structure	Damage/Wearout	75%	Flooring is past useful life.	8/22/2018
Foundations	Footings/Foundation	Damage/Wearout	100%	Foundation is inadequate to support structure: rotting and water infiltration.	8/22/2018
Roof System	Structure	Damage/Wearout	100%	Replace roof. Metal roofing is failing and leaks.	8/22/2018
Roof System	Covering	Damage/Wearout	100%	Roof covering is past its viable lifespan.	8/22/2018
Specialties	Signange/Directories	Codes/Standards	100%	Install building signage.	8/22/2018

FS Work Control Module

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	10%	Replace existing fluorescent lamps in fixtures with LED's.	7/11/2018
Finishes	Floor Finishes	Damage/Wearout	75%	Flooring needs replacement through building (tile).	7/11/2018
Finishes	Interior Wall Systems	Damage/Wearout	10%	Modular building walls are showing wear and tear.	7/11/2018
Finishes	Ceilings	Damage/Wearout	5%	Ceiling tiles are damaged or stained.	7/11/2018
Specialties	Signange/Directories	Codes/Standards	100%	Install building signage throughout.	8/22/2018

Gaines Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	10%	Upgrade to LED lighting throughout.	8/11/2021
Envelope	Exterior Doors/Hatch	Codes/Standards	1%	Electrical and piping blocking pent house trap door.	8/11/2021
Finishes	Wall Finishes	Damage/Wearout	1%	Refinish base trim throughout as needed.	2/14/2018

Finishes	Wall Finishes	Damage/Wearout	1%	Overlay wall panels adjacent to drinking fountain. (Water is splattering and quickly ruining the finish.)	2/14/2018
Finishes	Wall Finishes	Damage/Wearout	5%	Patch and paint walls as needed.	8/11/2021
Finishes	Floor Finishes	Damage/Wearout	1%	Replace floor finishes as needed.	8/11/2021
Finishes	Interior Doors/Yhard	Building Enhancements	1%	Add chair rails to remaining classrooms (Rooms 117, 111, 346).	8/11/2021
Finishes	Ceilings	Damage/Wearout	1%	Replace ceiling tile as needed.	8/11/2021
Floor System	Floor Structure	Damage/Wearout	1%	Monitor joint crack on the South side of basement.	2/11/2015
Foundations	Exterior Steps/Retaini	Damage/Wearout	1%	Monitor concrete spalling at west exterior stairs.	8/11/2021
Foundations	Footings/Foundation	Damage/Wearout	1%	Foundation leaks at NE corner of building. Water damage to room 29A & 29CU.	8/11/2021
HVAC System	Ventilating	Environmental Improve	5%	Install sound actuators in rooms with lab controls.	8/11/2021
HVAC System	Heating	Damage/Wearout	5%	Replace phoenix computer with current version. Not communication with DDC or Aircuity.	8/11/2021
HVAC System	Heating	Damage/Wearout	5%	Replace piping and install valves. HW flex piping at corridors leak. Add isolation valves and fix leaks.	8/11/2021
Plumbing System	Fixtures	Damage/Wearout	12%	Supply EUL. Good condition, no current signs of failure.	8/11/2021
Plumbing System	Supply	Building Enhancements	15%	Add tempered water for emergency fixtures.	8/11/2021
Plumbing System	Supply	Damage/Wearout	12%	Waste EUL. Good condition, no current signs of failure.	8/11/2021
Roof System	Covering	Damage/Wearout	50%	Roof EUL 25 years: White epdm, original to facility (2010). Beginning to bubble in some areas.	8/11/2021
Specialties	Cabinets/Chalkboards	Building Enhancements	1%	Upgrade bathroom cabinets with solid surface (currently partially laminet).	8/11/2021
Specialties	Fixed Seating/Risers	Damage/Wearout	5%	Overlay lobby in-wall benches on 1st, 2nd, and 3rd floors.	8/11/2021

Gallatin Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Voice/Data	Codes/Standards	5%	Add two-way communication system (IFC 1009.8)	8/28/2020
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	8/28/2020
Envelope	Exterior Walls	Damage/Wearout	1%	Remove minor efflourescence under window seals.	2/24/2016

Finishes	Floor Finishes	Damage/Wearout	5%	Repair vinyl tile that is already coming up in bathrooms. ADA bathrooms may be the worst over time, because they are poorly designed.	2/24/2016
Finishes	Wall Finishes	Damage/Wearout	5%	Monitor the crack on the 3rd Floor North stairwell along the South wall.	2/24/2016
Finishes	Floor Finishes	Damage/Wearout	1%	Replace / repair floor finishes as needed.	8/28/2020
Finishes	Wall Finishes	Damage/Wearout	1%	Replace / repair wall finishes and coverings as needed.	8/28/2020
Finishes	Ceilings	Damage/Wearout	1%	Replace damaged/missing ceiling tiles as needed.	8/28/2020
Foundations	Footings/Foundation	Damage/Wearout	1%	Repair minor spalling along foundation wall.	2/24/2016
Foundations	Footings/Foundation	Damage/Wearout	1%	Monitor / patch minor exposed rebar (along foundation wall).	2/24/2016
HVAC System	Heating	Building Enhancements	10%	Investigate upgrades to fireplace in lobby. Hearth gets extremely hot when turned on and could cause damage/injury when turned on. Fireplace should not be turned on until this problem is addressed.	8/28/2020
HVAC System	Cooling	Environmental Improve	5%	East-side common areas on 2nd through 4th floor get hot.	8/28/2020
Plumbing System	Waste	Damage/Wearout	8%	Waste EUL.	8/28/2020
Plumbing System	Supply	Damage/Wearout	8%	Supply EUL	8/28/2020
Roof System	Covering	Damage/Wearout	4%	Investigate Ice beneath membrane.	2/24/2016
Roof System	Covering	Damage/Wearout	1%	Recaulk coping & flashing.	2/24/2016
Roof System	Covering	Building Enhancements	5%	Add safety bars to open space on roof.	2/24/2016
Roof System	Covering	Damage/Wearout	1%	Monitor rust coming off penthouse roof.	2/24/2016
Roof System	Covering	Damage/Wearout	35%	Roof EUL - White TPO membrane original to the facility ~20 year lifespan.	8/28/2020
Safety System	Extinguishing System	Codes/Standards	5%	Pull stations are not required when automatic sprinkler system is installed (2018 IFC 907.2.9.1)	8/28/2020
Safety System	Extinguishing System	Codes/Standards	5%	Correct fire sprinkler installation in window application. (IFC 901.4)	8/28/2020
Specialties	Signange/Directories	Codes/Standards	1%	Add evacuation diagrams (IFC 403.10.2.3 req)	8/28/2020
Specialties	Signange/Directories	Codes/Standards	1%	Add suicide prevention signage.	8/28/2020

Graf Street Residence

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated

Envelope	Exterior Walls	Damage/Wearout	5%	Monitor exteriaor walls & cracks	5/31/2017
Envelope	Exterior Windows	Damage/Wearout	5%	Monitor failing seals	5/31/2017
Finishes	Interior Doors/Yhard	Damage/Wearout	1%	Monitor window hardware	5/31/2017
Finishes	Interior Doors/Yhard	Damage/Wearout	5%	Refinish window cill	5/31/2017
Finishes	Ceilings	Damage/Wearout	1%	Monitor stain from beam in garage	5/31/2017
Finishes	Wall Finishes	Damage/Wearout	1%	Refinish wooden panels (scuffs)	5/31/2017
Finishes	Floor Finishes	Damage/Wearout	25%	Refinish hardwood floors	5/31/2017
Finishes	Floor Finishes	Damage/Wearout	5%	Replace flooring in laundry (mud) room	5/31/2017
Floor System	Stair Treads/Risers	Damage/Wearout	2%	Refinish stair treds	5/31/2017
Foundations	Exterior Steps/Retaini	Damage/Wearout	2%	Monitor exterior stone steps	5/31/2017
Foundations	Footings/Foundation	Damage/Wearout	2%	Need to repaint foundation walls	5/31/2017
HVAC System	Heating	Energy Conservation	1%	Add programmable thermostat	5/31/2017
Specialties	Cabinets/Chalkboards	Damage/Wearout	5%	Replace cabinets (kitchen)	5/31/2017

Grant Chamberlain Apts-144u,6b

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Damage/Wearout	5%	Replace bathroom light fixtures.	7/21/2004
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	9/24/2008
Electrical System	Distribution	Building Enhancements	1%	Install GFI outlets in bathroom and kitchen and main rooms. Modern code would require GFI outlets in each room, but the building was constructed at a time when it was not required. In case of remodel, GFI must be installed.	3/28/2012
Electrical System	Distribution	Building Enhancements	50%	Replace and move panels out of bathrooms. Modern code would not allow the situation.	7/22/2015
Envelope	Exterior Walls	Damage/Wearout	1%	Seal wood for maintenance.	9/24/2008
Envelope	Exterior Walls	Damage/Wearout	1%	Replace damaged wood.	9/24/2008
Envelope	Exterior Windows	Damage/Wearout	1%	Caulking around windows.	7/22/2015
Envelope	Exterior Walls	Damage/Wearout	5%	Prep and repaint headers.	7/22/2015
Envelope	Exterior Windows	Damage/Wearout	80%	Replace exterior windows and sliders. (can't get replacement parts)	3/27/2019

Envelope	Exterior Walls	Damage/Wearout	1%	Replace and/or repare exterior panels at stairwells.	3/27/2019
Envelope	Exterior Doors/Hatch	Damage/Wearout	80%	Replace exterior entry doors and hardware (on going).	3/27/2019
Finishes	Ceilings	Damage/Wearout	1%	Repair laundry room ceilings.	9/24/2008
Finishes	Floor Finishes	Damage/Wearout	1%	Waterproof mechanical room floors.	9/24/2008
Finishes	Interior Doors/Yhard	Damage/Wearout	10%	Replace cabinets and hardware as needed.	9/24/2008
Finishes	Floor Finishes	Damage/Wearout	5%	Replace tile as needed	7/22/2015
Finishes	Wall Finishes	Damage/Wearout	5%	Patch and paint as needed.	7/22/2015
Finishes	Ceilings	Damage/Wearout	25%	Replace interior closet doors.	3/27/2019
Finishes	Interior Doors/Yhard	Damage/Wearout	50%	Replace interior doors and hardware.	3/27/2019
Foundations	Exterior Steps/Retaini	Damage/Wearout	10%	Replace stair and balcony railings.	9/24/2008
Foundations	Footings/Foundation	Damage/Wearout	1%	Repair/replace pre-cast concrete sills.	9/24/2008
Foundations	Footings/Foundation	Damage/Wearout	5%	Investigate and remedy foundation wall leakage. Consider regrading perimeter of building.	9/24/2008
Foundations	Exterior Steps/Retaini	Damage/Wearout	1%	Monitor and repair cracks in exterior concrete stairs.	3/27/2019
HVAC System	Heating	Energy Conservation	4%	Insulate water heating system piping in mechanical room.	7/22/2015
HVAC System	Heating	Energy Conservation	2%	Perform engineering study on heating loop for heating efficiency.	7/22/2015
HVAC System	Heating	Damage/Wearout	15%	Replace fin tubes and covers as needed (cannot get replacement parts)	7/22/2015
HVAC System	Heating	Damage/Wearout	14%	Replace boilers (7 out of 12 need replacement).	7/22/2015
HVAC System	Heating	Damage/Wearout	2%	Replace original water heating pumps and valves.	3/27/2019
Plumbing System	Supply	Damage/Wearout	2%	Replace angle service stops. (urgent issue)	7/21/2004
Plumbing System	Fixtures	Energy Conservation	21%	Replace toilet units as necessary	7/22/2015
Plumbing System	Fixtures	Damage/Wearout	4%	Replace water heaters as needed. (1 or 2 remain, the rest have been recently replaced)	7/22/2015
Plumbing System	Supply	Damage/Wearout	90%	Supply piping beyond expected useful life.	3/27/2019
Plumbing System	Waste	Damage/Wearout	90%	Waste piping beyond expected useful life.	3/27/2019
Plumbing System	Supply	Codes/Standards	1%	Replace non-testable backflow preventors.	3/27/2019

Roof System	Insulation	Damage/Wearout	100%	Replace roof insulation (coordinate with roof covering replacement).	3/28/2012
Roof System	Covering	Damage/Wearout	97%	Replace asphault membrane on roof. Beyond expected useful life.	3/28/2012
Roof System	Covering	Damage/Wearout	3%	Re-shingle roof eyebrows on East sides of building, some on North, some on South. (West side and some others were replaced by insurance money after hailstorm)	7/22/2015
Safety System	Extinguishing System	Codes/Standards	100%	INSTALL FIRE SUPPRESSION SYSTEM.	7/21/2004
Specialties	Signange/Directories	Codes/Standards	5%	Add building complex sign.	7/22/2015
Specialties	Signange/Directories	Codes/Standards	75%	Provide better numerical signs on building numbers and letters on doors.	7/22/2015

Hamilton Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Damage/Wearout	15%	Upgrade secondary distribution system throughout building. (knob & tube) 3rd and 4th floors remain.	3/11/2021
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED and replace light fixtures	3/11/2021
Envelope	Interior Columns/Bea	Damage/Wearout	30%	Repair / replace interior structural elements on 3rd and 4th floors.	6/11/2014
Finishes	Wall Finishes	Damage/Wearout	50%	Patch and paint 3rd and 4th floors.	6/8/2011
Finishes	Interior Wall Systems	Damage/Wearout	1%	Cracking or dented sheetrock/ painted surfaces	6/14/2017
Finishes	Floor Finishes	Damage/Wearout	20%	Replace floor covering as needed on 1st and 2nd floors.	3/10/2021
Finishes	Wall Finishes	Damage/Wearout	5%	Patch and paint wall finishes as needed on 1st and 2nd floors.	3/10/2021
Finishes	Interior Doors/Yhard	Damage/Wearout	50%	Replace/repair door hardware and doors on 3rd and 4th floors.	3/11/2021
Finishes	Floor Finishes	Damage/Wearout	50%	Replace floor coverings on 3rd and 4th floors as needed.	3/11/2021
Finishes	Ceilings	Damage/Wearout	50%	Replace damaged dropped ceiling tiles on 3rd and 4th floors.	3/11/2021
Floor System	Floor Structure	Damage/Wearout	50%	Repair/replace floor structure on 3rd, 4th, and attic floors.	6/14/2017
Floor System	Stair Treads/Risers	Damage/Wearout	50%	Reconstruct stairs leading ot upper levels of Hamilton Hall. Stairs will have to be completely reconstructed. They are too steep, and the new enclosure will take up more sqft. Similar to 1st & 2nd floors, which will affect the bathrooms on upper levels.	3/10/2021
Foundations	Footings/Foundation	Damage/Wearout	10%	Foundation wall carumbling under window lintels/sills	6/14/2017
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Spalling on stairs on North side of building	6/14/2017

Foundations	Footings/Foundation	Damage/Wearout	1%	Monitor foundation spalling at East Entrance door.	3/10/2021
HVAC System	Ventilating	Damage/Wearout	10%	Provide ventilation/cooling in mechanical room. (1st floor, west side)	3/11/2021
Plumbing System	Supply	Damage/Wearout	5%	Replace galvanized supply piping.	6/8/2011
Plumbing System	Fixtures	Energy Conservation	5%	Install wall water efficient fixtures throughout entire building.	6/14/2017
Plumbing System	Fixtures	Damage/Wearout	50%	Replace fixtures on 3rd & 4th floors.	3/11/2021
Safety System	Egress	Codes/Standards	50%	Provide enclosed stairs for upper levels.	3/11/2021
Safety System	Extinguishing System	Codes/Standards	30%	Sprinkle 3rd and 4th floors.	3/11/2021
Specialties	Signange/Directories	Codes/Standards	5%	Provide building directories on 3rd and 4th floors.	6/14/2017
Specialties	Cabinets/Chalkboards	Damage/Wearout	50%	Replace all chalk/tack/whiteboard/cabinets on upper levels.	3/10/2021
Specialties	Toilet Partitions	Damage/Wearout	50%	Replace toilet partitions on upper levels.	3/10/2021

Hannon Hall & HMCA - academic

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Building Service	Damage/Wearout	50%	Replace building service MDP - exclude transformer and feeders.	3/28/2007
Electrical System	Distribution	Building Enhancements	1%	Install outlets in bathrooms.	2/28/2018
Electrical System	Lighting	Energy Conservation	15%	Install LED lighting throughout.	2/28/2018
Electrical System	Distribution	Codes/Standards	2%	Replace room sink lights and outlets with GFI outlets and new lights.	2/28/2018
Electrical System	Building Service	Building Enhancements	20%	Upgrade building electrical capacity for modern use.	2/23/2022
Electrical System	Distribution	Damage/Wearout	15%	Replace branch circuit panels. Replacement parts are obsolete and some breakers are falling apart.	2/23/2022
Envelope	Exterior Doors/Hatch	Damage/Wearout	85%	Replace all exterior wood doors.	3/28/2007
Envelope	Exterior Windows	Damage/Wearout	10%	Replace single pane windows in RD office, court yard, 1st floor stairwells, exterior store front, and a few in dining.	2/28/2018
Envelope	Exterior Walls	Damage/Wearout	2%	Repoint brick as needed.	2/23/2022
Envelope	Exterior Windows	Damage/Wearout	1%	Replace worn-out window hardware as needed (offices, hallways, front offices, and lobby).	3/7/2022
Finishes	Interior Doors/Yhard	Damage/Wearout	2%	Replace door hardware as needed.	1/28/2015
Finishes	Interior Wall Systems	Damage/Wearout	2%	Replace walk-in cooler boxes and door.	1/28/2015
Finishes	Interior Doors/Yhard	Damage/Wearout	2%	Interior doors are sticking. Repair/replace as needed.	2/23/2022

Finishes	Wall Finishes	Damage/Wearout	15%	Refinish interior walls as needed.	2/23/2022
Finishes	Floor Finishes	Damage/Wearout	20%	Replace worn-out carpet as needed.	2/23/2022
Finishes	Ceilings	Damage/Wearout	15%	Replace damaged ceiling tiles throughout.	2/23/2022
Finishes	Interior Doors/Yhard	Building Enhancements	5%	Upgrade lobby glass partition. Can no longer make repairs to current system.	2/23/2022
Finishes	Interior Wall Systems	Damage/Wearout	5%	Regrout and seal walls at men's and women's restroom 1st and basement as needed. (first floor men and women's bathroom complete)	2/23/2022
Finishes	Floor Finishes	Damage/Wearout	15%	Replace VCT throughout.	2/23/2022
Floor System	Stair Treads/Risers	Damage/Wearout	10%	Repair / replace stair treads as needed.	3/7/2022
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Hannon Dining Area - Repair loading dock steps.	2/28/2018
HVAC System	Ventilating	Environmental Improve	20%	Provide ventilation to basement mechanical room.	3/28/2007
HVAC System	Heating	Damage/Wearout	10%	Upgrade HVAC heating coil systems.	3/28/2007
HVAC System	Heating	Damage/Wearout	8%	Replace condensate piping.	2/23/2011
HVAC System	Cooling	Damage/Wearout	20%	Replace cooler equipment.	2/28/2018
HVAC System	Ventilating	Damage/Wearout	5%	Remove abandoned V-system in basement.	2/28/2018
HVAC System	Ventilating	Damage/Wearout	5%	Upgrade temperature controls on all HVACs.	2/28/2018
HVAC System	Heating	Damage/Wearout	10%	Hannon Dining Area - Replace HV unit #1.	2/28/2018
HVAC System	Ventilating	Damage/Wearout	5%	Provide makeup air.	2/28/2018
HVAC System	Ventilating	Damage/Wearout	5%	Hannon Dining Area - Upgrade HV unit coils and piping to increase outside air - Units 1,2, and 3.	2/28/2018
Plumbing System	Fixtures	Damage/Wearout	5%	Replace sink facuets in resident's rooms.	3/28/2007
Plumbing System	Fixtures	Damage/Wearout	5%	Remove abandonded piping and fixtures in basement.	3/28/2007
Plumbing System	Supply	Damage/Wearout	8%	Replace Hot water circ. lines as needed.	1/28/2015
Plumbing System	Supply	Damage/Wearout	10%	H&C supplies replaced stops to resident sinks and lavs as needed.	2/28/2018
Plumbing System	Supply	Damage/Wearout	20%	Replace Hot H20 tank and bundle (on Major Maint List).	2/28/2018
Plumbing System	Waste	Damage/Wearout	80%	Replace waste piping to sinks/ upgrade galvanized. Systems are undersized and WO history shows frequent signs of failure.	2/23/2022

Plumbing System	Fixtures	Codes/Standards	3%	Hannon Culinary Area - Replace single wall heater with double wall unit to meet code.	2/23/2022
Roof System	Structure	Damage/Wearout	5%	Roof last replaced 2020. In good condition. Warranty ends 9/2/2040 (PPA 15-0173).	2/23/2022
Safety System	Exit/Emergency Lighti	Codes/Standards	10%	Upgrade interim smoke detectors.	2/23/2022
Specialties	Fume Hoods	Codes/Standards	10%	Hannon Dining Area - Replace filters with stainless steel type.	4/25/2007
Specialties	Toilet Partitions	Damage/Wearout	5%	Replace toilet partitions as needed.	1/26/2011
Specialties	Cabinets/Chalkboards	Damage/Wearout	3%	Remove tackboards and resurface walls.	1/28/2015
Specialties	Cabinets/Chalkboards	Damage/Wearout	30%	Replace closets / cabinetry as needed.	2/23/2022
Specialties	Signange/Directories	Building Enhancements	100%	Install ADA compliant signage throughout.	2/23/2022

Hapner Hall - 168 Units

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Damage/Wearout	30%	Replace freight elevator at bakery. (critical for bakery, breaks down 5-6 times per month, breaks down more so in wintertime because there is no insulation)	5/28/2008
Conveying	Elevator/Lift	Building Enhancements	100%	Investigate ADA improvements to elevators.	2/27/2019
Electrical System	Building Service	Damage/Wearout	75%	Replace main distribution panel and motor control center.	2/27/2008
Electrical System	Distribution	Damage/Wearout	10%	Upgrade secondary distribution panels in bakery (beyond life).	10/23/2013
Electrical System	Voice/Data	Building Enhancements	1%	Add extension telephone into salad department.	1/27/2016
Electrical System	Lighting	Energy Conservation	5%	Upgrade lighting to LED throughout.	1/27/2016
Envelope	Exterior Walls	Damage/Wearout	5%	Replace spalling brick.	10/23/2013
Envelope	Exterior Walls	Damage/Wearout	5%	Investigate / repair water problem at West bakery window in 258.	10/23/2013
Envelope	Exterior Windows	Damage/Wearout	5%	Replace bakery windows.	10/23/2013
Envelope	Exterior Doors/Hatch	Building Enhancements	20%	Install roof access hatch above Hapner Central Room. (Currently, there is only ladder access to the central roof.)	1/27/2016
Finishes	Floor Finishes	Damage/Wearout	1%	Replace ceramic tile as needed.	2/18/2004
Finishes	Interior Wall Systems	Damage/Wearout	1%	Monitor cracks in masonry wall around freight elevator.	1/27/2016
Finishes	Wall Finishes	Damage/Wearout	5%	Paint walls as needed.	2/27/2019

Finishes	Ceilings	Damage/Wearout	5%	Update and repair ceiling tiles as needed.	2/27/2019
Finishes	Interior Doors/Yhard	Codes/Standards	5%	Modify machine elevator door to meet IBC 3006.4 ; Machine elevator door should have same rating as elevator hoistway enclosure.	2/27/2019
Finishes	Floor Finishes	Damage/Wearout	10%	Replace floor finishes as needed.	2/27/2019
Floor System	Stair Treads/Risers	Damage/Wearout	5%	Repair chipped stair nosings at all stairwells.	10/23/2013
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Repair exterior steps (B & C wing)	10/23/2013
HVAC System	Heating	Damage/Wearout	10%	Rework heat exchanger condensate system.	2/18/2004
HVAC System	Heating	Energy Conservation	10%	Replace flash tank and re-arrange flash steam system.	2/27/2008
HVAC System	Heating	Damage/Wearout	5%	Recommission heating water system.	2/27/2008
HVAC System	Ventilating	Damage/Wearout	8%	Replace both bakery hoods. (The big one is in worse shape.)	1/27/2016
HVAC System	Heating	Damage/Wearout	1%	Replace heating pumps.	1/27/2016
HVAC System	Heating	Energy Conservation	5%	Insulate mechanical space (piping, heat exchanger, flash tanks).	1/27/2016
HVAC System	Ventilating	Damage/Wearout	7%	Replace / upgrade bathroom vents as needed (old and undersized).	1/27/2016
HVAC System	Cooling	Damage/Wearout	10%	Repair / replace old walk-in cooler.	2/27/2019
HVAC System	Heating	Damage/Wearout	10%	Upgrade Fat Cat HVAC controls.	2/27/2019
HVAC System	Heating	Damage/Wearout	55%	Repair / replace heat/condensate piping (beyond expected useful life)	2/27/2019
Plumbing System	Supply	Building Enhancements	5%	Install water softener to serve some bakery equipment.	5/28/2008
Plumbing System	Fixtures	Damage/Wearout	4%	Replace deficient fixtures in bathrooms. Coordinate replacement with energy efficient toilet fixtures.	1/27/2016
Plumbing System	Waste	Damage/Wearout	80%	Monitor waste piping (beyond life, not a lot of issues, still functioning).	2/27/2019
Plumbing System	Supply	Damage/Wearout	80%	Replace hot water circ line as needed (original, but still functions).	2/27/2019
Plumbing System	Supply	Damage/Wearout	20%	Replace hot water storage tank. (functions, but old and needs replacement)	2/27/2019
Safety System	Egress	Building Enhancements	3%	Install railings at windows in stairwell.	2/18/2004
Safety System	Exit/Emergency Lighti	Damage/Wearout	5%	Upgrade emergency exit lights in bakery. Exit signs should be equipped with internal illumination (IBC 1104.3)	2/27/2019

Specialties	Signange/Directories	Building Enhancements	30%	Add standard room signage. (There is missing signage on building service and there are no signs in bakery.)	10/23/2013
Specialties	Cabinets/Chalkboards	Damage/Wearout	2%	Replace cabinetry hardware as needed. (issues with cabinet doors, closet tracks)	10/23/2013

Harrison Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Building Service	Damage/Wearout	70%	Replace service feeder.	1/26/2022
Electrical System	Building Service	Damage/Wearout	30%	Replace switch gear - old, out of date, and beyond expected useful life (1985). MSU can no longerget parts.	1/26/2022
Electrical System	Lighting	Energy Conservation	1%	Investigate upgrades to dorm lighting.	1/26/2022
Electrical System	Lighting	Energy Conservation	2%	Upgrade lighting to LED as needed.	1/26/2022
Envelope	Exterior Windows	Damage/Wearout	30%	Replace North windows.	1/26/2022
Finishes	Ceilings	Damage/Wearout	1%	Refinish ceiling as needed.	1/26/2022
Finishes	Floor Finishes	Damage/Wearout	1%	Refinish floors as needed.	1/26/2022
Finishes	Floor Finishes	Damage/Wearout	5%	Repair and seal original tile flooring in ROTC area.	1/26/2022
Finishes	Wall Finishes	Damage/Wearout	1%	Repaint walls as needed.	1/26/2022
Floor System	Stair Treads/Risers	Damage/Wearout	1%	Repair worn-out stair nosing leading to basement.	1/26/2022
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Investigate upgrades to loading docks to improve safety and repair spalling concrete.	1/26/2022
Plumbing System	Fixtures	Damage/Wearout	20%	Replace hot water storage tanks.	1/26/2022
Roof System	Covering	Damage/Wearout	1%	Replace existing roof hatches.	1/26/2022
Roof System	Covering	Damage/Wearout	90%	Roof beyond expected useful life. Last replaced in 1999 and repaired from hail damage both 2005 and 2012. Due for replacement. No recurring failures evident.	1/26/2022

Haynes Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Damage/Wearout	100%	Replace elevator. Malfunctions frequently.	10/13/2021
Electrical System	Lighting	Damage/Wearout	1%	Upgrade obsolete track lighting in gallaries and studios	12/13/2017
Electrical System	Lighting	Energy Conservation	15%	Upgrade to LED lighting throughout.	10/13/2021

Envelope	Exterior Walls	Damage/Wearout	1%	REPAIR CRACKED/SPALLING CONCRETE @ NW CORNER.	3/8/2006
Envelope	Exterior Windows	Damage/Wearout	100%	REPLACE WORN-OUT WINDOWS.	10/13/2021
Finishes	Floor Finishes	Damage/Wearout	5%	Replace/Install carpet throughout. (Printing area, offices, classrooms, etc.)	12/13/2017
Finishes	Interior Doors/Yhard	Damage/Wearout	15%	Upgrade doors/hardware throughout.	10/13/2021
Finishes	Wall Finishes	Damage/Wearout	10%	Paint interior walls as needed. Lab areas needed most.	10/13/2021
Floor System	Floor Structure	Damage/Wearout	1%	Monitor tunnel ceiling damage. (ceiling is concrete floor of 1st floor).	10/13/2021
HVAC System	Heating	Damage/Wearout	10%	Replace HVAC controls.	4/8/2015
HVAC System	Ventilating	Damage/Wearout	15%	Replace HVAC Controls.	4/8/2015
HVAC System	Ventilating	Damage/Wearout	10%	Improve exhaust systems in Painting Room 227.	12/13/2017
HVAC System	Ventilating	Damage/Wearout	10%	Improve exhaust system in Ceramics Room 135.	12/13/2017
HVAC System	Ventilating	Damage/Wearout	10%	Improve exhasut system in Printing Room 108.	12/13/2017
HVAC System	Ventilating	Damage/Wearout	10%	Replace exhaust system in clay mixing room.	12/13/2017
HVAC System	Ventilating	Damage/Wearout	10%	Improve exhaust systems in Sculpture Room 107.	12/13/2017
HVAC System	Cooling	Environmental Improve	10%	Add cooling to main office.	10/13/2021
Plumbing System	Supply	Damage/Wearout	15%	Supply piping is beyond life and there is evidence of wear and leaks.	4/8/2015
Plumbing System	Fixtures	Damage/Wearout	5%	Replace damaged & obsolete studio sinks as needed. Mixing room needs replacement the most.	10/13/2021
Plumbing System	Fixtures	Codes/Standards	25%	Add emergency eyewashes.	10/13/2021
Plumbing System	Waste	Damage/Wearout	15%	Waste piping is beyond EUL.	10/13/2021
Roof System	Insulation	Damage/Wearout	75%	Replace insulation with next roof replacement. Last replaced in 2005 (05-0095).	10/13/2021
Roof System	Covering	Damage/Wearout	75%	Roof last replaced in 2005 (05-0095). 2021 Aerial imagery shows some evidence of pooling and fiber beginning to show through membrane. Some recent leaks over last couple of years (2020-2021).	10/13/2021
Safety System	Extinguishing System	Codes/Standards	100%	INSTALL FIRE SUPPRESSION SYSTEM.	3/12/2003
Specialties	Lockers	Damage/Wearout	25%	Repair / replace wood lockers wearing out with metal lockers.	4/8/2015
Specialties	Cabinets/Chalkboards	Damage/Wearout	10%	Replace countertops throughout (Rms 233, 227,228,212,107,131,135,216,219,249,247, Kitchen)	12/13/2017

Specialties	Cabinets/Chalkboards	Damage/Wearout	20%	Replace lockers.	10/13/2021
Specialties	Signange/Directories	Building Enhancements	100%	Install campus standard room signage (Improve accessibility directional signage to elevator).	10/13/2021

Heating Plant

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	20%	Upgrade lighting in boiler room (room 101). Investigate lighting system upgrades to improve easy access and maintenance efficiencies.	12/9/2020
Envelope	Exterior Walls	Damage/Wearout	3%	Misc. pointing of walls.	10/8/2014
Envelope	Exterior Windows	Aesthetics	75%	Repaint window frames on west, east & south side.	10/11/2017
Finishes	Wall Finishes	Damage/Wearout	20%	Paint as required.	10/11/2017
HVAC System	Ventilating	Energy Conservation	2%	Add controls to exhaust fans in boiler room (rm 101).	10/8/2014
HVAC System	Cooling	Environmental Improve	2%	Vent flash steam in basement to outside.	10/11/2017
HVAC System	Heating	Codes/Standards	1%	Investigate loss prevention recommendations for boiler separation.	12/9/2020
HVAC System	Ventilating	Energy Conservation	2%	Investigate upgrades to provide outside air to air compressors.	12/9/2020
Plumbing System	Supply	Energy Conservation	2%	Use softened water to the air compressors and recover waste water.	12/9/2020
Plumbing System	Fixtures	Damage/Wearout	30%	Replace floor drains in basement (requires cutting through floorand putting in new ones).	12/9/2020
Plumbing System	Supply	Damage/Wearout	95%	Supply piping expected useful life.	12/9/2020
Roof System	Covering	Damage/Wearout	2%	Replace concrete elevator roof.	10/11/2017
Safety System	Exit/Emergency Lighti	Codes/Standards	90%	Install fire suppression system.	10/11/2017
Safety System	Extinguishing System	Codes/Standards	10%	Install dedicated fire suppression system to LPG storage vessel and investigate LPG storage requirements and physical site barriers.	12/9/2020
Specialties	Signange/Directories	Building Enhancements	95%	Add room signage.	10/8/2014

Hedges Food Service (Miller)

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Damage/Wearout	100%	Replace freight elevator.	3/24/2010
Electrical System	Lighting	Damage/Wearout	1%	Replace drivers in cylindrical cannasters as needed.	1/22/2020

Envelope	Exterior Walls	Damage/Wearout	1%	Brick needs repair around delivery dock	9/28/2016
Finishes	Wall Finishes	Damage/Wearout	5%	Repaint as needed.	11/29/2006
Finishes	Floor Finishes	Damage/Wearout	5%	Replace flooring as needed.	1/22/2020
Finishes	Ceilings	Damage/Wearout	2%	Replace ceiling tiles as needed.	1/22/2020
Floor System	Stair Treads/Risers	Damage/Wearout	1%	Repair chipped stair treads on North outside stairs	3/24/2010
Foundations	Footings/Foundation	Damage/Wearout	2%	Repair / replace concrete pads at projected columns around east side exterior.	3/24/2010
HVAC System	Heating	Damage/Wearout	1%	Insulate pipes in room 100ME (Mech Room).	1/22/2020
Plumbing System	Waste	Damage/Wearout	2%	Wate piping expected useful life.	1/22/2020
Plumbing System	Supply	Damage/Wearout	2%	Suplly piping expected useful life.	1/22/2020
Roof System	Structure	Damage/Wearout	1%	Monitor roof drainage above loading dock. Water infiltrating at main column.	1/22/2020
Roof System	Covering	Damage/Wearout	90%	Replace roof covering.	1/22/2020
Roof System	Insulation	Damage/Wearout	90%	Replace roof insulation.	1/22/2020
Specialties	Cabinets/Chalkboards	Damage/Wearout	20%	Replace counter tops in serving area with different material. Heat is damaging composite.	1/22/2020
Specialties	Walk-in Coolers	Damage/Wearout	1%	Replace FRP ceiling panel in freezer (room 256).	1/22/2020

Herrick Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Codes/Standards	100%	Provide an elevator for ADA accessibility.	5/5/2022
Electrical System	Distribution	Damage/Wearout	30%	Replace secondary distribution system.	11/14/2018
Electrical System	Lighting	Damage/Wearout	15%	Upgrade lighting to LED throughout.	11/14/2018
Electrical System	Distribution	Damage/Wearout	60%	Upgrade/replace cabling.	5/5/2022
Envelope	Exterior Walls	Damage/Wearout	1%	Monitor brick over West entrance.	10/14/2015
Envelope	Exterior Windows	Damage/Wearout	95%	Replace all windows.	5/5/2022
Finishes	Interior Doors/Yhard	Damage/Wearout	1%	Repaint as required.	1/13/1992
Finishes	Floor Finishes	Damage/Wearout	5%	Repair terrazo floors.	10/14/2009
Finishes	Wall Finishes	Damage/Wearout	5%	Repaint walls as required.	10/14/2015

Finishes	Interior Doors/Yhard	Damage/Wearout	1%	Repair / replace door closers as needed (must meet historic requirements).	10/14/2015
Finishes	Interior Wall Systems	Damage/Wearout	5%	Repair water damage at wall at basement.	11/14/2018
Finishes	Ceilings	Damage/Wearout	1%	Replace ceiling tiles as needed.	11/14/2018
Finishes	Floor Finishes	Damage/Wearout	15%	Replace wornout carpet as needed.	5/5/2022
Foundations	Exterior Steps/Retaini	Damage/Wearout	2%	Replace retaining walls outside rooms 5, 6, and 19.	10/14/2015
Foundations	Footings/Foundation	Damage/Wearout	15%	Repair cracks in foundation wall.	11/14/2018
Foundations	Exterior Steps/Retaini	Building Enhancements	10%	Regrade around building to South of entry and/ or install yard drain. (Ground is sloped to carry water towards building.)	5/5/2022
Foundations	Exterior Steps/Retaini	Damage/Wearout	1%	Monitor settling of front west entrance stairs. Water pooling at entrance due to change in grade.	5/5/2022
HVAC System	Heating	Damage/Wearout	10%	Replace/ repair unit vent in rooms. (rooms 5 and 19)	10/14/2009
HVAC System	Heating	Damage/Wearout	38%	Replace steam and condensate piping.	10/10/2012
HVAC System	Heating	Damage/Wearout	10%	Upgrade BMS.	10/14/2015
HVAC System	Ventilating	Building Enhancements	10%	Install ventilation in restrooms.	11/14/2018
HVAC System	Ventilating	Environmental Improve	50%	Provide ventilation system for various spaces including interior offices, computer lab, basement labs, and child development center.	5/5/2022
HVAC System	Ventilating	Building Enhancements	90%	Add building cooling. Cannot use classrooms in warmer months because they get too hot.	5/5/2022
Plumbing System	Supply	Damage/Wearout	10%	Replace domestic water heat exchanger.	10/14/2009
Plumbing System	Waste	Damage/Wearout	90%	Waster piping beyond EUL.	5/5/2022
Plumbing System	Fixtures	Damage/Wearout	15%	Replace older fixtures with water efficient fixtures.	5/5/2022
Plumbing System	Supply	Damage/Wearout	90%	Replace domestic galvanized water piping and components.Beyond estimated useful life.	5/5/2022
Roof System	Covering	Damage/Wearout	2%	Repair East entry canopy & sheet metal fascia at canopy.	10/11/2006
Roof System	Structure	Damage/Wearout	1%	Replace flashing around skylight and North addition flatroof.	10/14/2015
Roof System	Insulation	Damage/Wearout	100%	Replace roof insulation.	5/5/2022
Roof System	Covering	Damage/Wearout	98%	Replace roof covering and add ice/snowfall mitigation system.	5/5/2022
Safety System	Egress	Codes/Standards	85%	Provide egress from upper floors.	10/14/2015

Safety System	Extinguishing System	Codes/Standards	100%	Install fire suppression system. (firecode requires existing buildings with open stairwells to have a fire suppression system)	10/14/2015
Safety System	Egress	Codes/Standards	15%	Provide egress to the south end of the basement.	10/14/2015
Safety System	Exit/Emergency Lighti	Damage/Wearout	80%	Fire alarm/notification system at end of EUL and will need replacement in 2026.	5/5/2022
Specialties	Signange/Directories	Building Enhancements	75%	Upgrade building signage to campus standard.	5/5/2022

Howard Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Codes/Standards	10%	Provide ADA compliant access between bulding levels.	9/9/2020
Electrical System	Distribution	Damage/Wearout	5%	Replace lighting contacts.	11/12/2014
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	11/8/2017
Electrical System	Distribution	Building Enhancements	15%	Add new panels.	11/8/2017
Electrical System	Building Service	Building Enhancements	10%	Add additional electrical capacity.	11/8/2017
Envelope	Exterior Walls	Damage/Wearout	1%	Evaluate the replacement of damaged brick on corner above the southwest entrance.	10/8/2008
Envelope	Exterior Walls	Damage/Wearout	1%	Repair cracking concrete at penthouse level.	10/8/2008
Envelope	Exterior Walls	Damage/Wearout	1%	Repoint exterior brick and address spalling brick/	10/8/2008
Envelope	Interior Columns/Bea	Damage/Wearout	1%	Investigate cracking and/or settling of brick and concrete beams.	11/8/2017
Envelope	Exterior Doors/Hatch	Damage/Wearout	1%	Exterior doors need caulking and weather stripping	11/8/2017
Envelope	Exterior Doors/Hatch	Codes/Standards	10%	Upgrade at least one exterior doors to swing door on both levels (southwest and southeast).	9/9/2020
Envelope	Exterior Windows	Damage/Wearout	100%	Replace windows. Ensure replacement includes the installation of operable windows at first level so that building occupants can escape during harmful event.	9/9/2020
Finishes	Wall Finishes	Damage/Wearout	10%	Paint walls as required and replace baseboards by entry ways, locker room, etc.	10/12/2005
Finishes	Floor Finishes	Damage/Wearout	5%	Replace carpet in various offices. (Rooms180, 181,137, 173, 174, 120, and Studios 144 and 145).	11/8/2017
Finishes	Ceilings	Damage/Wearout	1%	Replace damaged ceiling tiles as needed.	11/8/2017
Finishes	Floor Finishes	Damage/Wearout	1%	Refinish stage.	11/8/2017

Finishes	Interior Doors/Yhard	Codes/Standards	10%	Apply window film to interior corridor windows for safety measures.	9/9/2020
Finishes	Interior Doors/Yhard	Codes/Standards	10%	Upgrade interior door hardware to ADA compliant lever handles with button interior locks.	9/9/2020
Finishes	Interior Doors/Yhard	Codes/Standards	5%	Upgrade door hardware in restrooms to deadbolts.	9/9/2020
Foundations	Exterior Steps/Retaini	Codes/Standards	10%	Reconstruct sidewalk at west and south entrances for ADA compliance.	9/9/2020
HVAC System	Heating	Damage/Wearout	5%	BALANCE WATER SIDE.	10/13/1993
HVAC System	Ventilating	Damage/Wearout	5%	BALANCE AIR SIDE.	10/13/1993
HVAC System	Heating	Building Enhancements	10%	Replace pneumatic with digital heating controls.	11/12/2014
HVAC System	Ventilating	Damage/Wearout	1%	Replace diffusion, grates and grills as needed. (Specifically grates on wall by stair s and basement door)	11/8/2017
Plumbing System	Supply	Damage/Wearout	2%	Upgrade supply piping.	11/8/2017
Plumbing System	Waste	Damage/Wearout	2%	Upgrade waste piping.	11/8/2017
Roof System	Covering	Damage/Wearout	30%	Roof last replaced in 2009. Single ply EPDM.	9/9/2020
Safety System	Extinguishing System	Codes/Standards	100%	Install fire suppression system.	10/8/2008
Safety System	Egress	Codes/Standards	75%	Address ADA compliance throughout building.	11/8/2017
Specialties	Signange/Directories	Codes/Standards	1%	Add suicide prevention signage throughout facility.	9/9/2020
Specialties	Toilet Partitions	Codes/Standards	1%	Lower level does not meet federal ADA guidelines for equal facilitation.	9/9/2020
Specialties	Cubicles	Codes/Standards	1%	Practice cells are not ADA accessible.	9/9/2020
Specialties	Fixed Seating/Risers	Damage/Wearout	50%	Replace fixed seating in music hall. Several seats are pulling away from concrete base. It is important that seating upgrades include fabric to help with acoustics.	9/9/2020

Huffman Building

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Damage/Wearout	1%	Upgrade outdoor lighting.	5/11/2011
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	6/10/2020
Envelope	Exterior Doors/Hatch	Damage/Wearout	6%	Weatherstrip exterior doors.	5/18/1999
Envelope	Exterior Walls	Damage/Wearout	1%	Replace caulk in roof span beam.	4/10/2002

Envelope	Exterior Walls	Damage/Wearout	1%	Repair spalling at spandrel beams.	4/13/2005
Envelope	Exterior Doors/Hatch	Damage/Wearout	3%	Repaint exterior doors.	5/14/2014
Envelope	Exterior Windows	Damage/Wearout	100%	Replace all exterior windows. The entire system is beyond its expected useful life, frost collects on the interior and there is need for recaulking in many areas.	6/10/2020
Finishes	Floor Finishes	Damage/Wearout	5%	Replace carpet and tile.	5/14/2014
Finishes	Wall Finishes	Damage/Wearout	5%	Repaint walls throughout as needed.	5/14/2014
Finishes	Ceilings	Damage/Wearout	2%	Replace damaged ceiling tiles throughout.	4/12/2017
Finishes	Floor Finishes	Damage/Wearout	5%	Replace floor finishes as needed. Base boards and floor finishes are in very poor condition in room 198 VE and room 141.	6/10/2020
Foundations	Exterior Steps/Retaini	Damage/Wearout	1%	Replace concrete ramp into garage area.	5/14/2014
Foundations	Footings/Foundation	Damage/Wearout	1%	Replace roof drains/ add splach blocks	4/12/2017
Foundations	Exterior Steps/Retaini	Damage/Wearout	2%	Install walking pads.	4/12/2017
HVAC System	Cooling	Damage/Wearout	10%	Replace furnace/condensing unit #2 in room 121.	4/10/2002
HVAC System	Heating	Damage/Wearout	1%	Investigate under-slab duct work.	4/9/2008
HVAC System	Heating	Energy Conservation	1%	1Replace thermostats with environmental control	4/12/2017
HVAC System	Cooling	Damage/Wearout	1%	Monitor outdoor condensing	4/12/2017
Plumbing System	Supply	Damage/Wearout	65%	Supply piping expected useful life.	6/10/2020
Plumbing System	Waste	Damage/Wearout	65%	Waste piping expected useful life.	6/10/2020
Plumbing System	Fixtures	Damage/Wearout	15%	Update west staff restroom fixtures.	6/10/2020
Roof System	Covering	Damage/Wearout	4%	Recaulk roof details and replace missing coping.-Install walking pads	4/12/2017
Roof System	Covering	Damage/Wearout	30%	Main roof last replaced in 2011 after hail storm. Expected replacement of roof covering between 2030 & 2035	6/10/2020
Safety System	Extinguishing System	Codes/Standards	100%	Install sprinkler system.	4/13/2005
Specialties	Cabinets/Chalkboards	Damage/Wearout	1%	Repair whiteboards in EOC. Separation at the seams.	4/12/2017

Jabs Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Environmental Improve	10%	Upgrade lighting to LED throughout.	3/14/2018

Envelope	Exterior Walls	Damage/Wearout	1%	Monitor/Repair breaking pigeon wire.	3/14/2018
Finishes	Interior Doors/Yhard	Damage/Wearout	1%	Monitor rolling system on glass doors throughout.	3/14/2018
Finishes	Interior Wall Systems	Damage/Wearout	1%	Monitor settling cracks in drywall (walls near 4th floor rectangular sky light).	3/14/2018
Finishes	Floor Finishes	Damage/Wearout	1%	Refinish wood floor on west side of first floor.	1/12/2022
Finishes	Wall Finishes	Damage/Wearout	1%	Repaint walls as needed (halls and classrooms). Chairs are scuffing the walls in classrooms. Consider installing chair rails.	1/12/2022
Finishes	Interior Doors/Yhard	Damage/Wearout	1%	Repair window hardware as needed. Screws fall out frequently.	1/12/2022
Finishes	Ceilings	Damage/Wearout	1%	Replace celing tiles as needed.	1/12/2022
Foundations	Exterior Steps/Retaini	Damage/Wearout	1%	Eastside handicap ramp concrete crumbles near foundations of railing posts.	3/14/2018
HVAC System	Ventilating	Damage/Wearout	1%	Replace CO2 sensors as needed. All nearing end of expected useful life.	1/12/2022
HVAC System	Heating	Energy Conservation	1%	Modify geothermal well pumps to turn off when not in use.	1/12/2022
HVAC System	Ventilating	Damage/Wearout	1%	Repair demand controlled ventilation systems.	1/12/2022
Plumbing System	Waste	Building Enhancements	1%	Upgrade manual trap primer to electrical trap primer. Loosing water.	3/14/2018
Plumbing System	Supply	Damage/Wearout	5%	Supply piping EUL. In good condition.	1/12/2022
Plumbing System	Waste	Damage/Wearout	5%	Waste piping EUL. In good condition.	1/12/2022
Roof System	Covering	Damage/Wearout	7%	Roof EUL. In good condition.	1/12/2022
Roof System	Insulation	Damage/Wearout	7%	Roof EUL. In good condition.	1/12/2022

Jefferson Hall - 67u

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	2%	Lighting- when lighting is replaced, replace with 28 watt tubes instead of 32 watt	2/22/2017
Electrical System	Voice/Data	Codes/Standards	5%	Add two way communication system (IFC 1009.8)	8/28/2020
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	8/28/2020
Envelope	Exterior Windows	Damage/Wearout	5%	Repair exterior window sashes and latches as necessary.	1/18/2006
Envelope	Exterior Walls	Damage/Wearout	2%	Repair exterior EIFS- scufs, dents, and holes	2/22/2017

Envelope	Exterior Walls	Damage/Wearout	5%	Re-stain gazebo lumber.	8/28/2020
Finishes	Wall Finishes	Damage/Wearout	5%	Paint as needed.	1/18/2006
Finishes	Interior Doors/Yhard	Damage/Wearout	8%	Replace window/door locking hardware as needed.	9/26/2012
Finishes	Wall Finishes	Damage/Wearout	2%	Monitor Wainscoting	2/22/2017
Finishes	Floor Finishes	Damage/Wearout	5%	Replace floor finishes as needed.	8/28/2020
Foundations	Footings/Foundation	Damage/Wearout	2%	foundation cracked	2/25/2009
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Repair masonry and redirect runoff	2/22/2017
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Reset metal railings - significant rust.	2/22/2017
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Repair concrete nosings at exterior steps - significant spalling causing rust underneath,	8/28/2020
Plumbing System	Supply	Damage/Wearout	27%	Supply EUL	8/28/2020
Plumbing System	Waste	Damage/Wearout	27%	Waste EUL.	8/28/2020
Roof System	Covering	Damage/Wearout	30%	Roof EUL - Last replaced in 2011, Asphault Shingles w/about a 30 year lifespan.	8/28/2020
Safety System	Exit/Emergency Lighti	Damage/Wearout	100%	Replace obsolete fire alarm system (nearing end of EUL) and install standardized fire alarm system.	8/28/2020
Specialties	Cabinets/Chalkboards	Damage/Wearout	2%	Countertops are de-laminated by sink areas	2/22/2017
Specialties	Cabinets/Chalkboards	Damage/Wearout	2%	Repair/refinish cabinet doors components as needed.	2/22/2017
Specialties	Cabinets/Chalkboards	Damage/Wearout	2%	Cork boards need repairs	2/22/2017
Specialties	Signange/Directories	Codes/Standards	1%	Add evacuation diagrams (IFC 403.10.2.3 req)	8/28/2020
Specialties	Signange/Directories	Codes/Standards	1%	Add suicide prevention signage.	8/28/2020

Julia Martin East-64units, 11b

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Building Enhancements	3%	Upgrade outlets in bathroom & kitchen to meet modern code (GFCI/ Switch combo failing in bathrooms)	9/22/2010
Electrical System	Lighting	Energy Conservation	10%	Install LED bulbs throughout.	5/23/2018
Envelope	Exterior Windows	Damage/Wearout	10%	REPLACE EXTERIOR WINDOWS AS NEEDED.	1/21/2004
Envelope	Exterior Windows	Damage/Wearout	3%	Replace window hardware.	6/25/2014

Envelope	Exterior Doors/Hatch	Damage/Wearout	11%	Determine continued use of storm doors.	6/25/2014
Envelope	Exterior Walls	Damage/Wearout	2%	Replace deteriorating wind barriers.	5/23/2018
Envelope	Exterior Windows	Damage/Wearout	1%	Repaint window trim.	5/23/2018
Finishes	Floor Finishes	Damage/Wearout	10%	REPLACE FLOORING AS NEEDED.	1/21/2004
Finishes	Wall Finishes	Damage/Wearout	10%	REPAINT INTERIOR AS NEEDED.	9/22/2010
Finishes	Wall Finishes	Damage/Wearout	1%	Tile failing in shower. Install tub shower.	5/23/2018
Foundations	Exterior Steps/Retaini	Damage/Wearout	2%	REPAINT EXTERIOR HANDRAILINGS AS NEEDED.	1/21/2004
HVAC System	Heating	Damage/Wearout	1%	Replace heating valves and steam traps as needed. (a lot has been done already)	6/25/2014
HVAC System	Heating	Damage/Wearout	1%	REPLACE THERMOSTATS AS NEEDED.	6/25/2014
HVAC System	Heating	Damage/Wearout	98%	Replace piping.	5/23/2018
Plumbing System	Fixtures	Damage/Wearout	5%	REPLACE FIXTURES AS NEEDED.	1/21/2004
Plumbing System	Fixtures	Damage/Wearout	1%	REPLACE FIXTURE HARDWARE AS NEEDED.	1/21/2004
Plumbing System	Supply	Damage/Wearout	100%	Replace supply piping. (Repair tunnel circ lines as needed, replace gate valves).	5/23/2018
Plumbing System	Waste	Damage/Wearout	5%	Replace waste piping and install cleanouts for lavs.	5/23/2018
Roof System	Insulation	Energy Conservation	10%	Install new insulation. (original)	5/23/2018
Safety System	Exit/Emergency Lighti	Damage/Wearout	5%	REPLACE SMOKE DETECTORS AS NEEDED.	1/21/2004
Safety System	Exit/Emergency Lighti	Damage/Wearout	38%	Add smoke detectors to each room (We have just one in each unit, although modern code requires 1 in hallway and 1 in each bedroom. Classified as building enhancement because it is grandfathered into older building codes that didn't have this requirement.)	6/25/2014
Specialties	Cabinets/Chalkboards	Damage/Wearout	4%	REFINISH CABINETS AS NEEDED.	1/21/2004
Specialties	Cabinets/Chalkboards	Damage/Wearout	10%	REPLACE COUNTERTOPS AS NEEDED.	1/21/2004
Specialties	Signange/Directories	Building Enhancements	95%	Replace building signage with more visible building signage.	6/25/2014

Kellogg Center

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated

Electrical System	Distribution	Codes/Standards	10%	Replace knob and tube wiring. A lot of this replaced before the 2014 audit.	1/8/2020
Envelope	Exterior Walls	Damage/Wearout	5%	BRICK REPAIR ON THE CHIMNEY.	7/19/2001
Envelope	Exterior Walls	Damage/Wearout	30%	Insulate exterior walls	1/18/2017
Envelope	Exterior Walls	Damage/Wearout	20%	Replace, repair, and repaint trim and waterboard throughout entire building.	1/8/2019
Envelope	Exterior Windows	Damage/Wearout	100%	Replace windows and replace trim with insulated type.	1/8/2020
Finishes	Interior Wall Systems	Damage/Wearout	10%	REPAIR CRACKS AND PAINT TOUCH-UP.	7/19/2001
Finishes	Floor Finishes	Damage/Wearout	25%	Replace worn and damaged carpet as needed and replace tile work upstairs	1/18/2017
Finishes	Ceilings	Damage/Wearout	10%	Repair cracked ceiling plaster.	1/8/2020
Finishes	Floor Finishes	Damage/Wearout	10%	Restroom flooring needs replacement.	1/8/2020
Floor System	Floor Structure	Damage/Wearout	2%	Investigate separating of floor structure beneath carpet, midpoint of building, and 1st floor.	3/9/2011
Floor System	Floor Structure	Damage/Wearout	10%	Building movement causing ceiling cracks. Monitor.	1/8/2020
Foundations	Footings/Foundation	Damage/Wearout	40%	Monitor settling cracks and foundation spalling.	7/19/2001
Foundations	Exterior Steps/Retaini	Damage/Wearout	1%	Monitor rust on west exterior ramp.	1/8/2020
Plumbing System	Waste	Damage/Wearout	80%	Replace sanitary sewer line.	3/9/2011
Plumbing System	Fixtures	Damage/Wearout	25%	Replace bathroom fixtures in upstairs bathroom	1/18/2017
Plumbing System	Supply	Damage/Wearout	80%	Replace galvanized supply piping.	1/18/2017
Plumbing System	Fixtures	Damage/Wearout	10%	Replace plumbing fixtures.	1/8/2020
Roof System	Insulation	Damage/Wearout	100%	Replace Insulation	1/8/2020
Roof System	Covering	Damage/Wearout	80%	Replace roof covering.	1/8/2020
Specialties	Signange/Directories	Building Enhancements	100%	Proper signage & directories	1/18/2017

Koch Tower - 53 units

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Building Enhancements	2%	Add GFI's to kitchens and bathrooms (required under new stds in case of renovation, but not required if not renovated because of being grandfathered into old stds)	5/27/2015

Electrical System	Lighting	Energy Conservation	5%	Upgrade lighting to LED throughout.	6/26/2019
Envelope	Exterior Walls	Damage/Wearout	2%	Weeping brick on entire building (firescape).	5/27/2015
Envelope	Exterior Windows	Damage/Wearout	2%	REPLACE WORN OUT WINDOW HARDWARE.	5/27/2015
Envelope	Exterior Doors/Hatch	Damage/Wearout	5%	Replace worn out closers on doors to porches.	5/27/2015
Finishes	Interior Wall Systems	Damage/Wearout	2%	Remove failing insulation and replace wall covering.	6/24/2008
Finishes	Floor Finishes	Damage/Wearout	10%	REPLACE FLOORING AS NECESSARY.	1/25/2012
Finishes	Ceilings	Damage/Wearout	5%	Remove existing ceiling texture at entry lobby.	5/27/2015
Finishes	Wall Finishes	Damage/Wearout	10%	PAINT INTERIOR WALLS AS NECESSARY.	5/27/2015
Finishes	Wall Finishes	Damage/Wearout	3%	Replace ceramic tile in bathrooms with tub surround as nessecary (substrate is destroyed).	5/27/2015
Floor System	Stair Treads/Risers	Building Enhancements	2%	UPGRADE STAIR AND RAILS TO MEET CURRENT CODES.	8/6/2003
Floor System	Stair Treads/Risers	Damage/Wearout	1%	REPAIR SPALLING CONCRETE ON BALCONIES AS NEEDED.	8/6/2003
Foundations	Exterior Steps/Retaini	Damage/Wearout	2%	Refinish and repaint railings on porches. Railings are rotting.	6/26/2019
HVAC System	Heating	Damage/Wearout	10%	REPLACE BOILER/BURNER PACKAGE.	8/6/2003
HVAC System	Heating	Damage/Wearout	10%	REPLACE HEATING COILS AND CONTROLS ON H & V UNITS.	8/6/2003
HVAC System	Heating	Damage/Wearout	2%	Replace pneumatic air tubing throughout entire building.	8/6/2003
HVAC System	Heating	Damage/Wearout	10%	Significant damage occurs to the 9th floor ceiling whenever the HVAC equipment in the Penthouse goes through the blow down maintenance process.	5/27/2015
HVAC System	Heating	Energy Conservation	3%	Insulate piping.	6/26/2019
HVAC System	Ventilating	Damage/Wearout	30%	Upgrade dryer exhaust.	6/26/2019
HVAC System	Ventilating	Damage/Wearout	30%	Room ventilation - inspect and repair fire dampers, clean and re3pair ducts as needed.	6/26/2019
Plumbing System	Fixtures	Damage/Wearout	5%	Replace fixtures and faucets with low flow. Coordinate replacement of tub fixtures with tub surrounds and heater.	8/6/2003
Plumbing System	Fixtures	Damage/Wearout	18%	REPLACE HOT WATER TANKS.	1/25/2012

Plumbing System	Waste	Damage/Wearout	70%	Replace waste piping - beyond expected useful life.	6/26/2019
Plumbing System	Supply	Damage/Wearout	70%	Replace supply piping.	6/26/2019
Plumbing System	Fixtures	Damage/Wearout	40%	Replace both domestic hot water tanks with instantaneous.	6/26/2019
Plumbing System	Supply	Damage/Wearout	30%	Replace hot water re-circ lines and insulate supply water piping.	6/26/2019
Safety System	Exit/Emergency Lighti	Codes/Standards	5%	Extend emergency lighting to corridors and basement.	5/27/2015
Safety System	Exit/Emergency Lighti	Codes/Standards	38%	Replace and extend smoke detection in rooms. (required under new stds in case of renovation, but not required if not renovated because of being grandfathered into old stds)	5/27/2015
Specialties	Signange/Directories	Codes/Standards	100%	Install campus standard signage.	1/25/2012

Langford Hall - 220 Units

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Damage/Wearout	10%	Replace obsolete electrical panels.	5/6/2022
Electrical System	Lighting	Energy Conservation	15%	Replace T12 and upgrade lighting to LED throughout.	5/6/2022
Envelope	Exterior Walls	Damage/Wearout	3%	Repair/replace spalled masonry throughout.	10/27/2010
Envelope	Exterior Walls	Energy Conservation	2%	Provide insulation between exterior green walls & fintubes.	10/22/2014
Envelope	Exterior Walls	Damage/Wearout	10%	Repair/replace damaged masonry at south wing, second story, east wall.	5/6/2022
Finishes	Interior Doors/Yhard	Damage/Wearout	3%	Repair interior stairwell doors.	9/26/2007
Finishes	Interior Doors/Yhard	Damage/Wearout	15%	Repair/replace damaged dorm room doors and hardware.	10/27/2010
Finishes	Floor Finishes	Damage/Wearout	38%	Replace vinyl floor tile in dorm rooms.	10/22/2014
Finishes	Interior Doors/Yhard	Codes/Standards	10%	Upgrade stairwell doors w/ fire-rated and panic hardware.	5/6/2022
Finishes	Ceilings	Damage/Wearout	80%	Replace ceiling tiles in rooms and hallways (Glue is hot).	5/6/2022
Foundations	Footings/Foundation	Damage/Wearout	1%	Monitor cracks and settling of concrete in public fireplace, room 199, aka the cube.	10/22/2014
Foundations	Footings/Foundation	Damage/Wearout	5%	Repair/seal crack in foundation. Water infiltration into RM 024 from court yard.	5/6/2022
HVAC System	Heating	Environmental Improve	10%	Install back-up heating pump. (if current one fails, then there will be no heat in rooms.)	9/24/2003
HVAC System	Heating	Environmental Improve	5%	Add valves and thermostats for basement rooms.	9/24/2003

HVAC System	Ventilating	Damage/Wearout	5%	Clean and balance exhaust system serving restrooms.	9/26/2007
HVAC System	Heating	Damage/Wearout	10%	Repair two condensate skids as needed.	10/27/2010
HVAC System	Heating	Damage/Wearout	4%	Replace piping.	10/22/2014
HVAC System	Heating	Building Enhancements	5%	Instoll glycol system.	3/28/2018
HVAC System	Ventilating	Codes/Standards	1%	Investigate upgrades to ventilation/fire rated doors / supression system. To corrent design error. Rooms have fire rated doors however ventilation grates above doors contradict system.	5/6/2022
Plumbing System	Supply	Damage/Wearout	10%	Replace two hot water tanks.	9/26/2007
Plumbing System	Waste	Damage/Wearout	25%	Investigate waste piping because it is approaching its useful life and there is some evidence of problems (Vent pipes are failing).	5/6/2022
Roof System	Covering	Damage/Wearout	2%	Replace roofing on exterior door canopies.	9/26/2007
Roof System	Covering	Damage/Wearout	10%	Monitor roof drainage on lower roof and RD department. Pooling water due to now slope, causing leaks.	3/28/2018
Roof System	Covering	Damage/Wearout	80%	Roof is past its expected useful life (installed in 1996). No signs of frequent failure except fro roof overhead of RD apartment.	5/6/2022
Safety System	Exit/Emergency Lighti	Damage/Wearout	15%	Fire alarm panel/system due for replacement in 2035.	5/6/2022
Safety System	Exit/Emergency Lighti	Codes/Standards	70%	Add smoke detectors and notification in rooms.	5/6/2022
Specialties	Signange/Directories	Codes/Standards	80%	Add standard signage to rooms, stairs, etc.	10/22/2014

Leon Johnson Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Damage/Wearout	100%	Upgrade elevator.	9/11/2019
Electrical System	Distribution	Building Enhancements	8%	Upgrade / add service panels for greater capacity.	9/11/2013
Electrical System	Distribution	Codes/Standards	1%	Upgrade outlets near safety showers to GFCI.	9/11/2019
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED and install occupancy sensors throughout.	9/11/2019
Envelope	Exterior Windows	Building Enhancements	90%	Replace exterior glazing in Tower with Thermal Pane Windows.	9/12/2007
Envelope	Exterior Windows	Damage/Wearout	1%	Recaulk windows at corner.	9/11/2013
Envelope	Exterior Walls	Damage/Wearout	1%	Clean exterior brick façade at Annex and West side.	9/14/2016
Finishes	Floor Finishes	Damage/Wearout	5%	Replace worn out carpeting.	10/13/2010

Finishes	Interior Doors/Yhard	Codes/Standards	2%	Investigate and monitor panic hardware on fire egress doors.	9/14/2016
Finishes	Ceilings	Damage/Wearout	5%	Replace damaged ceiling tiles as needed.	9/11/2019
Finishes	Wall Finishes	Damage/Wearout	10%	Repaint walls as necessary.	9/11/2019
Foundations	Exterior Steps/Retaini	Damage/Wearout	1%	Seal concrete joints on Annex ramp.	9/14/2016
Foundations	Footings/Foundation	Damage/Wearout	1%	Monitor foundation leaks at west corridor, second floor.	9/11/2019
HVAC System	Heating	Damage/Wearout	5%	Replace / repair heating coils in HUVs.	9/11/2013
HVAC System	Heating	Building Enhancements	1%	Install additional isolation valve on heat recovery loop.	9/14/2016
HVAC System	Ventilating	Damage/Wearout	10%	Replace Climate cool module butterfly valves as required.	9/14/2016
Plumbing System	Fixtures	Building Enhancements	15%	Replace and relocate eyewash/safety showers to meet current standard with hot water line.	9/12/2007
Plumbing System	Waste	Damage/Wearout	1%	Install solid interceptor in 246 (soils lab).	9/14/2016
Plumbing System	Waste	Damage/Wearout	2%	Replace glass waste pipe below soils lab (to prevent clogging).	9/14/2016
Plumbing System	Waste	Codes/Standards	5%	Install tower roof overflows (rain piping) as needed.	9/14/2016
Plumbing System	Supply	Damage/Wearout	5%	Replace PVC air piping lines throughout building.	9/14/2016
Plumbing System	Supply	Damage/Wearout	15%	Supply piping expected useful life.	9/11/2019
Plumbing System	Fixtures	Building Enhancements	1%	There is not enough clearance between sinks and partitions in womens' bathrooms for ADA access.	9/11/2019
Plumbing System	Supply	Energy Conservation	5%	Upgrade urinal valves.	9/11/2019
Plumbing System	Waste	Damage/Wearout	15%	Waste piping expected useful life.	9/11/2019
Roof System	Covering	Damage/Wearout	50%	Roof expected useful life: new roof covering in 2004 - single ply.	9/11/2019
Safety System	Extinguishing System	Codes/Standards	80%	Install sprinkler system on remaining floors.	9/8/2004
Specialties	Signange/Directories	Environmental Improve	5%	Replace directories.	9/11/2013
Specialties	Signange/Directories	Environmental Improve	67%	Replace signs (only 4,5, and 6th floors done).	9/11/2013
Specialties	Walk-in Coolers	Damage/Wearout	5%	Replace 5th floor wooden walk in cooler.	9/11/2013
Specialties	Cabinets/Chalkboards	Damage/Wearout	20%	Replace damage/worn lab countertops and cabinents.	9/11/2019
Specialties	Toilet Partitions	Damage/Wearout	5%	Replace toilet partitions.	9/11/2019

Lewis Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Building Enhancements	100%	Add elevator to improve accessibility.	7/19/2021
Electrical System	Distribution	Damage/Wearout	15%	Replace switches and receptacles.	2/11/2009
Electrical System	Distribution	Damage/Wearout	10%	Replace old deteriorated 2nd floor panels.	3/18/2015
Electrical System	Voice/Data	Building Enhancements	10%	Add 2nd Telecom room to accommodate new data needs.	3/18/2015
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	6/6/2018
Electrical System	Distribution	Building Enhancements	30%	Add additional capacity throughout.	7/19/2021
Envelope	Interior Columns/Bea	Damage/Wearout	1%	Cracks on the surface of beams at ceiling in room 304.	3/14/2012
Envelope	Exterior Walls	Damage/Wearout	6%	Restore deteriorated brick in line with Historical Guidelines (Most of the building was done in 2010 Historical restoration with exception to parts of the East and West sides). Monitor deterioration of mortar.	3/18/2015
Envelope	Interior Columns/Bea	Damage/Wearout	1%	Repair spalling on attic interior columns / beams.	3/18/2015
Envelope	Exterior Doors/Hatch	Damage/Wearout	15%	Refinish wood doors.	3/18/2015
Envelope	Exterior Walls	Damage/Wearout	1%	Repaint North side under eaves of the exposed rafters (paint is peeling).	3/18/2015
Envelope	Exterior Walls	Damage/Wearout	10%	Regrout building exterior.	7/14/2021
Envelope	Exterior Walls	Damage/Wearout	1%	Repair/Reseal joints between Cooley Hall and Lewis Hall. Water infiltration in foyer during periods of rainfall and snow melt.	7/19/2021
Envelope	Exterior Windows	Damage/Wearout	75%	Replace exterior windows. Some are original and those that are originals' seals are failing, causing water infiltration.	7/19/2021
Finishes	Wall Finishes	Damage/Wearout	10%	Patch and paint interior walls.	2/8/2006
Finishes	Floor Finishes	Damage/Wearout	5%	Replace existing floor covering.	3/18/2015
Finishes	Ceilings	Damage/Wearout	5%	Patch and paint ceilings and monitor cracking.	3/18/2015
Finishes	Interior Doors/Yhard	Codes/Standards	10%	Upgrade interior door hardware to campus standard.	7/19/2021
Floor System	Stair Treads/Risers	Environmental Improve	5%	Refinish all stair railings in East and West stairwells.	2/15/2003
Floor System	Stair Treads/Risers	Damage/Wearout	2%	Repair chipped terrazzo stairs on 3rd floor.	2/8/2006
Foundations	Footings/Foundation	Damage/Wearout	5%	Waterproof foundation (5% work was done on this between 2009 and 2012 audit, but some remains).	3/14/2012

HVAC System	Ventilating	Codes/Standards	80%	Provide ventilation system for interior spaces.	3/18/2015
HVAC System	Cooling	Energy Conservation	5%	Replace walk in cooler.	3/18/2015
HVAC System	Ventilating	Building Enhancements	100%	Upgrade ventilation system throughout.	7/19/2021
Plumbing System	Waste	Damage/Wearout	90%	Replace waste piping.	2/11/2009
Plumbing System	Fixtures	Building Enhancements	5%	Add more men's and women's bathrooms.	3/18/2015
Plumbing System	Fixtures	Damage/Wearout	70%	Replace fixtures.	7/19/2021
Plumbing System	Fixtures	Damage/Wearout	5%	Replace water heater.	7/19/2021
Plumbing System	Supply	Damage/Wearout	90%	Replace supply piping.	7/19/2021
Roof System	Insulation	Energy Conservation	15%	Improve insulation in roof or attic.	3/14/2012
Roof System	Covering	Damage/Wearout	5%	Replace missing clay tiles.	3/18/2015
Roof System	Covering	Damage/Wearout	95%	Replace roof	7/19/2021
Safety System	Exit/Emergency Lighti	Codes/Standards	19%	Extend/upgrade fire alarm system.	2/11/2009
Safety System	Extinguishing System	Building Enhancements	60%	Provide extinguishing system for 2nd through 4th floors.	2/11/2009
Safety System	Exit/Emergency Lighti	Codes/Standards	56%	Extend smoke detection system.	3/14/2012
Specialties	Signange/Directories	Building Enhancements	100%	Provide signage/directories.	2/11/2009
Specialties	Toilet Partitions	Damage/Wearout	100%	Replace all toilet partitions.	7/19/2021
Specialties	Cabinets/Chalkboards	Damage/Wearout	15%	Replace worn counter tops and cabinets.	7/19/2021
Specialties	Cabinets/Chalkboards	Damage/Wearout	20%	Replace all bathroom cabinets.	7/19/2021

Linfield Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Damage/Wearout	30%	Upgrade secondary distribution system. (Partly renovated in 2013)	1/12/2005
Electrical System	Distribution	Damage/Wearout	5%	Replace knob and tube wiring in building.	12/14/2016
Electrical System	Lighting	Damage/Wearout	15%	Upgrade lighting to LED throughout.	12/11/2019
Envelope	Exterior Windows	Energy Conservation	15%	(South) Replace aluminum framed windows with energy efficient windows.	12/11/2013
Envelope	Exterior Walls	Damage/Wearout	4%	(South) Repair soffits near entrance by room 125 (SE entrance).	12/11/2019
Finishes	Ceilings	Damage/Wearout	5%	(North) Paint ceilings.	1/9/2002

Finishes	Ceilings	Damage/Wearout	5%	(North) Repair plaster ceilings.	1/9/2002
Finishes	Wall Finishes	Aesthetics	5%	(North) Refinish wood trim.	1/9/2002
Finishes	Interior Doors/Yhard	Aesthetics	5%	Refinish north and south interior doors and baseboards.	1/9/2002
Finishes	Wall Finishes	Aesthetics	10%	(North and South) Patch walls and paint.	12/14/2016
Finishes	Floor Finishes	Damage/Wearout	10%	Replace north and south floor coverings.	12/11/2019
Finishes	Floor Finishes	Damage/Wearout	25%	4th floor tiles abating.	12/11/2019
Finishes	Ceilings	Damage/Wearout	5%	Repair/Replace accoustic ceiling tiles	12/11/2019
Foundations	Footings/Foundation	Damage/Wearout	25%	(north) Repair/reinforce stone foundation walls outside room 125.	1/9/2008
HVAC System	Heating	Energy Conservation	1%	Insulate steam and condensate lines.	1/13/1999
HVAC System	Heating	Environmental Improve	2%	(North) Replace hand valves with control valves	1/9/2008
HVAC System	Heating	Damage/Wearout	2%	(South) Replace thermostats and control valves at radiators.	1/9/2008
HVAC System	Heating	Damage/Wearout	2%	Replace steam traps.	12/11/2013
HVAC System	Ventilating	Damage/Wearout	2%	Replace sidewall in Meat Lab. (Asletom)	12/14/2016
HVAC System	Cooling	Damage/Wearout	5%	Replace evaporaters and condensers in walk-in coolers in meat labs.	12/14/2016
HVAC System	Heating	Damage/Wearout	15%	Replace condensate galvanized piping.	12/11/2019
HVAC System	Cooling	Energy Conservation	5%	Energy study needed to change domestic water to mechanical.	12/11/2019
Plumbing System	Waste	Damage/Wearout	75%	Replace worn out waste piping.	1/9/2008
Plumbing System	Fixtures	Damage/Wearout	15%	Replace worn out plumbing fixtures in basement.	12/14/2016
Plumbing System	Supply	Damage/Wearout	75%	Replace galvanized branch piping.	12/11/2019
Roof System	Covering	Damage/Wearout	50%	Replace Linfield South building roof covering - leaking.	12/11/2019
Specialties	Toilet Partitions	Damage/Wearout	15%	(South) Replace toilet partitions in basement - a remodel of the mens room is recommended.	12/14/2016
Specialties	Signange/Directories	Building Enhancements	50%	Install campus standard room signage and standard building directory.	12/14/2016

Madison Hall - 67u

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	2%	Replace lamps with 28 Watt tubes instead of 32 Watt	2/22/2017

Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	8/28/2020
Electrical System	Voice/Data	Codes/Standards	5%	Add two-way communication system. (IFC 1009.8)	8/28/2020
Envelope	Exterior Windows	Damage/Wearout	5%	Repair exterior window sashes and latches as necessary.	1/18/2006
Envelope	Exterior Walls	Damage/Wearout	2%	Repair exterior damage of EIFS- scuffs, dents, and holes	2/22/2017
Envelope	Exterior Windows	Damage/Wearout	5%	Repair windows with broken seals - noted in clubhouse.	8/28/2020
Envelope	Exterior Walls	Damage/Wearout	5%	Re-stain gazebo lumber.	8/28/2020
Finishes	Wall Finishes	Damage/Wearout	5%	Paint as needed.	1/18/2006
Finishes	Interior Doors/Yhard	Damage/Wearout	8%	Replace window and door locking hardware as needed.	9/26/2012
Finishes	Wall Finishes	Damage/Wearout	2%	Monitor Wainscoting	2/22/2017
Finishes	Floor Finishes	Codes/Standards	5%	Replace floor finishes as needed.	8/28/2020
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Repair masonary and redirect runoff on northside of concrete terrace/loading dock	2/22/2017
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Reset railing on southside steps - significant rust.	2/22/2017
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Repair concrete nosings at exterior steps - significant spalling causing rust underneath,	2/22/2017
Foundations	Footings/Foundation	Damage/Wearout	5%	foundation cracked	2/22/2017
Plumbing System	Supply	Damage/Wearout	27%	Supply EUL.	8/28/2020
Plumbing System	Waste	Damage/Wearout	27%	Waste EUL.	8/28/2020
Roof System	Covering	Damage/Wearout	30%	Roof EUL - Last replaced in 2011, Asphault Shingles w/about a 30 year lifespan.	8/28/2020
Safety System	Exit/Emergency Lighti	Damage/Wearout	100%	Replace obsolete fire alarm system (nearing end of EUL) and install standardized fire alarm system.	8/28/2020
Specialties	Cabinets/Chalkboards	Damage/Wearout	2%	Cork boards need repairs	2/22/2017
Specialties	Cabinets/Chalkboards	Damage/Wearout	2%	Countertops are de-laminated by sink areas	2/22/2017
Specialties	Cabinets/Chalkboards	Damage/Wearout	2%	Repair/Refinish cabinet doors components as needed	2/22/2017
Specialties	Signange/Directories	Codes/Standards	1%	Add suicide prevention signage.	8/28/2020
Specialties	Signange/Directories	Codes/Standards	1%	Add evacuation diagrams (IFC 403.10.2.3 req)	8/28/2020

Marga Hosaeus Fitness Center

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	5%	Upgrade control systems and lightin fixtures throughout	10/26/2016
Electrical System	Lighting	Damage/Wearout	15%	Replace lighting fixtures as needed	10/26/2016
Electrical System	Building Service	Building Enhancements	2%	PROVIDE ADDITIONAL Main Distribution Panel (MDP) SPACE.	10/26/2016
Envelope	Exterior Walls	Damage/Wearout	5%	Paint as needed	10/26/2016
Envelope	Exterior Doors/Hatch	Damage/Wearout	5%	Replace weather stripping as needed	10/26/2016
Finishes	Ceilings	Damage/Wearout	1%	REPLACE STAINED CEILING TILE.	1/17/1995
Finishes	Interior Doors/Yhard	Damage/Wearout	5%	Fire door system not working in upper gym (Large window protection)	10/26/2016
Finishes	Floor Finishes	Damage/Wearout	1%	Monitor apoxy flooring in Shroyer locker room	10/26/2016
Finishes	Wall Finishes	Damage/Wearout	5%	Paint Interior Walls (Public & circulation areas, stairwells)	10/26/2016
Finishes	Ceilings	Damage/Wearout	5%	Replace metal ceiling tile system	10/26/2016
HVAC System	Heating	Damage/Wearout	2%	CLEAN DUCT WORK. (SHROYER, RAQUETBALL COURTS)	1/17/1995
HVAC System	Ventilating	Environmental Improve	5%	Review pool area ventilation and dehumidification systems.	1/27/2010
HVAC System	Cooling	Building Enhancements	100%	Add cooling to 2nd floor cardio area.(Project estimated $2M+. Estimate included elect/vent upgrade costs that aren't part of cooling. Could add items to elect/vent components but determined best not to.)	6/26/2013
HVAC System	Ventilating	Damage/Wearout	10%	Add Variable Frequency Drives (AFD)	10/26/2016
HVAC System	Ventilating	Damage/Wearout	7%	Repair/ Replace H&V Units in Upper Gyme	10/26/2016
HVAC System	Heating	Damage/Wearout	10%	Add Variable Frequency Drive (AFD)	10/26/2016
Plumbing System	Fixtures	Damage/Wearout	2%	Replace Fixtures as needed (in locker rooms)	10/26/2016
Roof System	Insulation	Damage/Wearout	2%	East side of roof ending lifespan	10/26/2016
Roof System	Covering	Damage/Wearout	2%	East side of roof ending lifespan	10/26/2016
Specialties	Fixed Seating/Risers	Damage/Wearout	25%	REPAIR / REPLACE BLEACHERS IN SHROYER.	12/17/2007
Specialties	Toilet Partitions	Damage/Wearout	2%	Replace portion of old Shroyer locker room partitions.	1/27/2010
Specialties	Swimming Pool	Damage/Wearout	2%	REPLACE DECK TILE.	6/26/2013

Specialties	Swimming Pool	Damage/Wearout	10%	Replace sand and filter tanks	10/26/2016

Marsh Lab Modular #1 South

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	10/9/2019
Envelope	Exterior Walls	Damage/Wearout	10%	Refinish siding.	10/9/2019
Foundations	Footings/Foundation	Damage/Wearout	10%	Monitor building settling.	10/9/2019
HVAC System	Heating	Damage/Wearout	15%	Monitor heating system.	10/9/2019
HVAC System	Cooling	Damage/Wearout	15%	Monitor cooling system.	10/9/2019
Roof System	Covering	Damage/Wearout	20%	Replace roof covering.	10/9/2019
Specialties	Signange/Directories	Codes/Standards	100%	Upgrade building signage throughout.	10/9/2019

Marsh Lab Modular #2 North

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	10/9/2019
Envelope	Exterior Windows	Damage/Wearout	5%	Repair exterior window. Signs of water infiltration.	10/9/2019
Envelope	Exterior Walls	Damage/Wearout	10%	Refinish siding.	10/9/2019
HVAC System	Heating	Damage/Wearout	15%	Monitor heating system.	10/9/2019
HVAC System	Cooling	Damage/Wearout	15%	Monitor cooling system.	10/9/2019
Roof System	Covering	Damage/Wearout	15%	Replace roof covering.	10/9/2019
Safety System	Exit/Emergency Lighti	Codes/Standards	30%	Upgrade emergency lighting.	10/9/2019
Specialties	Signange/Directories	Codes/Standards	100%	Upgrade building signage.	10/9/2019

Marsh Laboratory

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Damage/Wearout	65%	Replace old distribution panels, wiring, and outlets.	10/9/2013
Electrical System	Distribution	Building Enhancements	95%	Install branch service distribution panels for more capacity.	10/12/2016
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	10/9/2019
Envelope	Exterior Walls	Damage/Wearout	2%	Caulk exterior metal panels.	10/17/2001
Envelope	Exterior Windows	Damage/Wearout	5%	Replace gaskets/caulk exterior windows.	10/17/2001

Envelope	Exterior Doors/Hatch	Damage/Wearout	5%	Replace/upgrade exterior door hardware.	10/13/2004
Envelope	Exterior Windows	Damage/Wearout	95%	Replace exterior windows. (Windows and metal panels are one assembly. Replacing one will require replacing the other.)	10/10/2007
Envelope	Exterior Doors/Hatch	Damage/Wearout	8%	Repaint doors & frames.	10/9/2013
Envelope	Exterior Walls	Energy Conservation	30%	Replace exterior metal panels with insulated type. (contingent on installing central AC system)	10/9/2013
Finishes	Interior Doors/Yhard	Damage/Wearout	5%	Paint interior doors.	10/13/2004
Finishes	Wall Finishes	Damage/Wearout	25%	Patch and paint interior walls as needed.	10/9/2019
Finishes	Ceilings	Damage/Wearout	10%	Replace damaged ceiling tile as needed.	10/9/2019
Finishes	Floor Finishes	Damage/Wearout	15%	Replace damaged floor tile.	10/9/2019
Finishes	Ceilings	Damage/Wearout	15%	Paint interior ceiling as needed.	10/9/2019
Foundations	Exterior Steps/Retaini	Damage/Wearout	10%	Replace steps to basement.	10/9/2013
Foundations	Footings/Foundation	Damage/Wearout	5%	Replace concrete at loading dock.	10/9/2013
Foundations	Exterior Steps/Retaini	Damage/Wearout	10%	Replace concrete on exterior steps at west entrance	10/12/2016
Foundations	Footings/Foundation	Damage/Wearout	20%	Repair / replace exterior concrete at entries (2 Entrys: 1. entry between rooms 77 & 83A, 2. entry between rooms 94 & 112.)	10/12/2016
Foundations	Footings/Foundation	Damage/Wearout	10%	Spalling to foundation edge	10/12/2016
HVAC System	Ventilating	Damage/Wearout	20%	Replace mixing boxes.	10/10/2007
HVAC System	Heating	Damage/Wearout	25%	Replace control system and recommission.	10/9/2013
HVAC System	Heating	Damage/Wearout	50%	Replace boilers.	10/9/2013
HVAC System	Ventilating	Damage/Wearout	15%	Upgrade control system and recommission.	10/9/2013
HVAC System	Ventilating	Damage/Wearout	6%	Repair damper actuators on general exhaust.	10/9/2013
HVAC System	Ventilating	Environmental Improve	50%	Upgrade vent exhaust systems.	10/9/2013
HVAC System	Cooling	Building Enhancements	60%	Install cooling in parts of building	10/12/2016
HVAC System	Cooling	Damage/Wearout	30%	Replace room 34 walk-in cooler. (3 out of 5 walk in coolers).	10/12/2016
Plumbing System	Fixtures	Damage/Wearout	45%	Replace faucets & bathroom fixtures throughout.	10/10/2007
Plumbing System	Fixtures	Damage/Wearout	5%	Replace faucets at lab sinks.	11/10/2010

Plumbing System	Supply	Damage/Wearout	75%	Replace galvanized piping.	10/9/2013
Plumbing System	Fixtures	Damage/Wearout	30%	Replace hot water storage tank and pump.	10/9/2013
Plumbing System	Fixtures	Codes/Standards	20%	Install eyewash and emergency showers in all labs.	10/12/2016
Plumbing System	Waste	Damage/Wearout	75%	Replace acid waste and vent lines - system is beyond its expected useful life.	10/9/2019
Roof System	Insulation	Damage/Wearout	20%	Replace roof insulation over Necropsy Lab - room 81 to 82. (leaks into Necropsy Lab - Main part of roof replaced in 2012 with exception to the Necropsy Lab because it was not part of hail damage insurance money).	10/9/2013
Roof System	Covering	Damage/Wearout	20%	Replace roof covering over Necropsy Lab - room 81 to 82. (leaks into Necropsy Lab - Main part of roof replaced in 2012 with exception to the Necropsy Lab because it was not part of hail damage insurance money).	10/9/2013
Safety System	Exit/Emergency Lighti	Building Enhancements	36%	Supplement manual pull stations with automatic smoke / heat detection.	10/9/2013
Safety System	Exit/Emergency Lighti	Building Enhancements	3%	Add horns & strobes for half the building.	10/9/2013
Safety System	Exit/Emergency Lighti	Building Enhancements	60%	Add emergency generator.	10/12/2016
Safety System	Extinguishing System	Damage/Wearout	100%	Upgrade fire extinguishing system.	10/9/2019
Safety System	Exit/Emergency Lighti	Damage/Wearout	100%	Upgrade exit, emergency lighting and alarm system. System is over 20 years old. Upgrades should include fire alarm system to include prper notification and detection, as well as voice evacuation capabilitites.	10/9/2019
Specialties	Toilet Partitions	Damage/Wearout	65%	Replace toilet partitions.	10/9/2013
Specialties	Signange/Directories	Building Enhancements	95%	Install room signage.	10/9/2013
Specialties	Signange/Directories	Building Enhancements	5%	Install building directory sign.	10/9/2013
Specialties	Cabinets/Chalkboards	Damage/Wearout	40%	Repair/replace damaged cabinets in Labs.	10/9/2019
Specialties	Fume Hoods	Codes/Standards	10%	Replace wooden fume hood in room #4. Currently used for insect storage.	10/9/2019

McCall Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Voice/Data	Building Enhancements	25%	Upgrade wireless.	5/13/2015

Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	5/9/2018
Envelope	Exterior Walls	Damage/Wearout	2%	REPOINT THE TERRA COTTA SILLS AND COPINGS.	3/10/1993
Envelope	Exterior Walls	Damage/Wearout	2%	SEAL/PATCH EXTERIOR PENETRATIONS.	5/16/2006
Envelope	Exterior Windows	Damage/Wearout	5%	Replace exterior caulking around glazing.	4/8/2009
Envelope	Exterior Windows	Damage/Wearout	95%	REPLACE EXTERIOR WINDOWS.	4/8/2009
Envelope	Exterior Walls	Damage/Wearout	1%	Repaint and clean up soffits/fascia.	5/13/2015
Envelope	Exterior Doors/Hatch	Building Enhancements	100%	Replace all wood exterior doors with steel frames for security reasons (existing doors are flimsy).	5/13/2015
Finishes	Interior Doors/Yhard	Building Enhancements	70%	INSTALL FIRE RATED DOORS, FRAMES AND CLOSERS.	5/11/2000
Finishes	Floor Finishes	Damage/Wearout	20%	FLOOR REPAIR/TILE.	9/8/2021
Finishes	Wall Finishes	Damage/Wearout	20%	PATCH/REPAINT ROOMS AS NEEDED.	9/8/2021
Finishes	Interior Doors/Yhard	Codes/Standards	10%	Upgrade interior doorhardware to campus standard.	9/8/2021
Finishes	Ceilings	Damage/Wearout	10%	Repair ceiling finishes throughout.	9/8/2021
Floor System	Floor Structure	Damage/Wearout	10%	Level slabs throughout building.	9/8/2021
Foundations	Exterior Steps/Retaini	Damage/Wearout	50%	Replace West steps. (back dock - freeze / thaw issue from water coming off of roof. Consider adding a canopy to divert the water or the issue will keep recurring)	4/8/2009
Foundations	Footings/Foundation	Damage/Wearout	5%	Patch crack in foundation wall (North side - outside rooms 19 and 23).	5/13/2015
HVAC System	Heating	Damage/Wearout	5%	Replace misc. thermostats and control valves. (old)	5/11/2000
HVAC System	Heating	Codes/Standards	2%	INTERLOCK HEATING AND COOLING SYSTEMS TO PREVENT SIMULTANEOUS OPERATION.	5/9/2012
HVAC System	Heating	Energy Conservation	4%	INSULATE STEAM PIPING AT PERIMETER TUNNEL.	5/9/2018
HVAC System	Cooling	Damage/Wearout	5%	Replace cooling system feeding walkin cooler.	5/9/2018
HVAC System	Cooling	Damage/Wearout	50%	Replace individual cooling units with a central cooling system - VAV (water cooled).	9/8/2021
HVAC System	Ventilating	Damage/Wearout	50%	Replace all fume hood exhaust fans.	9/8/2021

HVAC System	Ventilating	Damage/Wearout	50%	Install ventilation make-up air unit to interior rooms and provide adequate make-up air to interior rooms and balance the system.	9/8/2021
Plumbing System	Fixtures	Damage/Wearout	4%	Replace existing safety showers and eye wash stations. (wearing out and not to code)	4/9/1997
Plumbing System	Fixtures	Damage/Wearout	7%	Upgrade bathroom fixtures to ADA & insulate pipes below sink.	5/13/2015
Plumbing System	Fixtures	Damage/Wearout	2%	Replace hose bibs on exterior. They are stripped.	5/9/2018
Plumbing System	Waste	Damage/Wearout	100%	Replace waste piping.	5/9/2018
Plumbing System	Supply	Damage/Wearout	100%	Replace supply piping.	5/9/2018
Plumbing System	Fixtures	Damage/Wearout	70%	Replace worn-out fixtures.	9/8/2021
Roof System	Structure	Damage/Wearout	100%	Replace roof. Failing at some fume hoods. Last record of replacemnet in 1993.	9/8/2021
Roof System	Covering	Damage/Wearout	100%	Replace roof insulatio at time of roof replacement.	9/8/2021
Safety System	Exit/Emergency Lighti	Codes/Standards	100%	Install fire suppression system.	9/8/2021
Specialties	Signange/Directories	Building Enhancements	100%	Upgrade building directory and add room signage.	5/13/2015
Specialties	Cabinets/Chalkboards	Damage/Wearout	24%	Upgrade chemical storage cabinets.	5/9/2018
Specialties	Toilet Partitions	Damage/Wearout	5%	Replace toliet partitions at north restroom.	9/8/2021
Specialties	Fume Hoods	Damage/Wearout	100%	Replace and upgrade all worn out fume hoods (and exhaust fans - deficiency captured in ventilation).	9/8/2021
Specialties	Walk-in Coolers	Damage/Wearout	50%	Walk in coolers original to the facility but still functioning.	9/8/2021

McIntosh Ct Apts - 48u, 9b

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	5%	Upgrade lighting to LED throughout	2/25/2021
Envelope	Exterior Walls	Damage/Wearout	2%	Repair/replace brick veneer grout and flashing as needed.	4/24/2013
Envelope	Exterior Doors/Hatch	Damage/Wearout	10%	Replace unit and storage unit door hardware as needed..	2/25/2021
Envelope	Exterior Doors/Hatch	Damage/Wearout	10%	Replace unit and storage unit doors as needed.	2/25/2021
Envelope	Exterior Windows	Damage/Wearout	20%	Investigate window seals for possible failure as needed.	2/25/2021
Finishes	Floor Finishes	Damage/Wearout	5%	Replace original carpet and tile as needed.	7/27/2016

Finishes	Floor Finishes	Damage/Wearout	2%	Repair floor overlayment that has separated from subfloor as needed. (in upstair bathrooms)	7/27/2016
Finishes	Wall Finishes	Damage/Wearout	5%	Patch/repaint wall finsihes as needed.	2/25/2021
Floor System	Stair Treads/Risers	Damage/Wearout	5%	Address squeeks in stairs.	4/24/2013
Floor System	Floor Structure	Damage/Wearout	1%	Repair slab in kitchens and downstairs bedrooms, as needed.	2/25/2021
HVAC System	Heating	Environmental Improve	10%	Investigate options for improving diffusers (heat vents).	5/16/2006
HVAC System	Heating	Damage/Wearout	20%	Replace furnaces (beyond life).	2/25/2021
HVAC System	Ventilating	Damage/Wearout	5%	Repair piping connecting bathroom vents as needed.	2/25/2021
Plumbing System	Fixtures	Damage/Wearout	20%	Replace water heaters.	7/27/2016
Plumbing System	Fixtures	Damage/Wearout	20%	Replace toilets as needed. 1.25 gallon/flush (Upgrade to commercial floor mounted flush-ometer unit for ADA units, upgrade to standard for others)	2/25/2021
Plumbing System	Fixtures	Damage/Wearout	20%	Replace faucets as needed with 0.5 gallon/minute.	2/25/2021
Plumbing System	Supply	Damage/Wearout	5%	Supply EUL.	2/25/2021
Plumbing System	Waste	Damage/Wearout	5%	Waste EUL.	2/25/2021
Roof System	Covering	Damage/Wearout	20%	Roof covering - last replaced in 2010 (hailstorm). EUL	2/25/2021
Roof System	Insulation	Building Enhancements	1%	Investigate adition of insulation at next roof replacement.	2/25/2021
Roof System	Insulation	Building Enhancements	1%	Add gutters around entire building to prevent erosion. They only exist above doors.	2/25/2021
Specialties	Signange/Directories	Building Enhancements	10%	Improve signage to better articulate wayfinding.	4/22/2009
Specialties	Cabinets/Chalkboards	Damage/Wearout	5%	Repair or replacement of kitchen cabinets/doors fronts as needed.	2/25/2021

Melvin Graduate Arts Studio

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Building Service	Building Enhancements	100%	Increase electrical capacity. Not enough power to meet programmatic needs (Kilns, for example).	10/14/2020
Electrical System	Distribution	Damage/Wearout	10%	Some exterior outlets do not work (specifically west end of building). Additional outlets needed as well.	10/14/2020
Electrical System	Lighting	Building Enhancements	20%	Add exterior exterior lighting to improve safety and work environment.	10/14/2020

Envelope	Exterior Doors/Hatch	Codes/Standards	5%	Improve access control. Consider cat card installation at main entrance.	10/14/2020
Envelope	Exterior Walls	Damage/Wearout	1%	Exterior envelope damaged in some locations due to collision with motor vehicles. Add parking bumpers or landscaping to protect exterior envelope and equipment mounted on outside of builidng.	10/14/2020
Envelope	Exterior Windows	Damage/Wearout	100%	Windows and screens need replacement.	10/14/2020
Finishes	Interior Wall Systems	Building Enhancements	75%	Investigate extending interior wall system to ceiling to improve acoustics.	10/14/2020
Finishes	Wall Finishes	Damage/Wearout	5%	Repaint finishes as needed.	10/14/2020
Finishes	Interior Doors/Yhard	Damage/Wearout	5%	Replace gallery door latch (leading out to north side)/	10/14/2020
Foundations	Exterior Steps/Retaini	Damage/Wearout	1%	Remove rotting/falling wood from north foundation (old loading dock).	10/14/2020
HVAC System	Ventilating	Building Enhancements	20%	Upgrade hoods to interior kilns.	10/14/2020
Plumbing System	Supply	Damage/Wearout	20%	Supply EUL.	10/14/2020
Plumbing System	Waste	Damage/Wearout	20%	Waste EUL	10/14/2020
Roof System	Covering	Damage/Wearout	25%	Roof EUL. (Sheet metal roof with EUL of 70 years, installed in 2003).	10/14/2020
Safety System	Exit/Emergency Lighti	Codes/Standards	20%	Investigate ADA upgrades to access studios, kitchen, bathrooms, and into building. Designated ADA parking needed.	10/14/2020
Safety System	Exit/Emergency Lighti	Codes/Standards	10%	Add / upgrade exiting signage. Ensure exit signage is visible when curtain separating west end of building is drawn.	10/14/2020
Safety System	Extinguishing System	Codes/Standards	1%	Investigate addition of fire hydrant closer to facility (IFC 507.5.1)	10/14/2020

Molecular Bioscience Building

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Codes/Standards	5%	No active state permit and phone is not up to campus standard.	3/9/2022
Electrical System	Voice/Data	Codes/Standards	50%	Upgrade UIT data to campus standard.	3/9/2022
Electrical System	Building Service	Codes/Standards	5%	Generator (diesel) needs 10ft above grade normal vent on primary, emergency vent on primary and secondary, and needs overfill alarm.	3/9/2022
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED.	3/9/2022
Electrical System	Distribution	Building Enhancements	20%	Upgrade branch circuit panels.	3/9/2022
Envelope	Exterior Walls	Damage/Wearout	15%	Holes in exterior stucco from birds.	3/9/2022

Envelope	Exterior Windows	Damage/Wearout	5%	Repair damaged window treatment.	3/9/2022
Finishes	Wall Finishes	Damage/Wearout	15%	Wall finishes damaged/worn-out.	3/9/2022
Finishes	Ceilings	Damage/Wearout	15%	Missing/damaged/dirty ceiling tiles.	3/9/2022
Finishes	Floor Finishes	Damage/Wearout	15%	Floor finishes damaged / worn out. Carpet in the worst condition.	3/9/2022
Finishes	Interior Wall Systems	Damage/Wearout	15%	Missing/damaged sheet rock.	3/9/2022
Finishes	Interior Doors/Yhard	Damage/Wearout	5%	Replace smoke seals and enclosures.	3/9/2022
Finishes	Interior Doors/Yhard	Damage/Wearout	5%	Investigate recore of locks.	3/9/2022
Finishes	Interior Wall Systems	Building Enhancements	100%	Pending use of building, upgrade wall systems to codes/standards.	3/16/2022
HVAC System	Ventilating	Building Enhancements	10%	Lack of bathroom ventilation. Improve.	3/9/2022
Plumbing System	Fixtures	Damage/Wearout	25%	Repair worn out fixture (mostly in labs).	3/9/2022
Plumbing System	Waste	Codes/Standards	20%	No indusrial waste.	3/9/2022
Plumbing System	Waste	Damage/Wearout	2%	Repair worn out floor drain in mech lab drains, depending on use.	3/9/2022
Plumbing System	Fixtures	Building Enhancements	50%	RODI system is not sufficient for lab.	3/9/2022
Plumbing System	Fixtures	Building Enhancements	20%	No lab air / gas separation between industrial and domestic side.	3/9/2022
Plumbing System	Waste	Building Enhancements	15%	Upgrade lab piping to chemical waste.	3/9/2022
Plumbing System	Supply	Codes/Standards	5%	Supply piping is undersized for amount of space. Pending use.	3/9/2022
Plumbing System	Fixtures	Codes/Standards	75%	All lab fixtures not up to code.	3/9/2022
Roof System	Covering	Damage/Wearout	100%	EUL and experiencing leaks.	3/9/2022
Safety System	Extinguishing System	Damage/Wearout	25%	Lack of maintenance to fire suppression system. Upgrades will be needed.	3/9/2022
Safety System	Exit/Emergency Lighti	Damage/Wearout	100%	Upgrade fire alarm system. Programming on floppy disk.	3/9/2022
Safety System	Egress	Damage/Wearout	90%	Replace exit signs and emergency lighting (not functioning).	3/9/2022
Specialties	Cabinets/Chalkboards	Codes/Standards	10%	Chem tops are not campus standard.	3/9/2022
Specialties	Cabinets/Chalkboards	Damage/Wearout	10%	Lab cabinets delaminating.	3/9/2022
Specialties	Walk-in Coolers	Damage/Wearout	5%	Mold in #205 walk in cooler.	3/9/2022
Specialties	Signange/Directories	Codes/Standards	100%	Upgrade building signage.	3/9/2022
Specialties	Fume Hoods	Codes/Standards	20%	Replace fumehoods on 2nd floor.	3/9/2022

Montana Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Damage/Wearout	15%	Replace conductors and conduit.	1/15/2014
Electrical System	Voice/Data	Damage/Wearout	10%	Identify interference	2/6/2020
Envelope	Exterior Walls	Damage/Wearout	1%	Repoint stone/grout near base of building (chunks of stone missing).	1/15/2014
Envelope	Exterior Windows	Damage/Wearout	5%	Investigate and replace windows (difficult to open)	2/8/2017
Finishes	Wall Finishes	Damage/Wearout	15%	Patch and Paint walls	2/8/2017
Finishes	Floor Finishes	Damage/Wearout	15%	Repair/replace floor coverings	2/8/2017
Finishes	Interior Doors/Yhard	Damage/Wearout	5%	Repair/replace misc. damaged doors	2/8/2017
Finishes	Ceilings	Damage/Wearout	5%	Replace damaged/ missing ceiling tiles	2/8/2017
Finishes	Interior Doors/Yhard	Aesthetics	5%	Refinish interior doors and casings	2/8/2017
Finishes	Ceilings	Damage/Wearout	5%	Replace damaged/missing ceiling tiles as needed.	2/6/2020
Floor System	Floor Structure	Damage/Wearout	10%	REPAIR/REPLACE MISCELLANEOUS SUB-FLOOR.	12/12/2007
Floor System	Floor Structure	Codes/Standards	2%	ELIMINATE FLOOR HEIGHT CHANGE AT DOORS AND HALLWAYS (3rd Floor).	2/9/2011
Floor System	Floor Structure	Damage/Wearout	2%	Investigate floor sagging and file cabinets leaning (room 102)	2/8/2017
HVAC System	Cooling	Energy Conservation	40%	PROVIDE CLOSED LOOP WATER SYSTEM FOR COOLING HEAT PUMPS	12/12/2007
HVAC System	Heating	Damage/Wearout	15%	Replace heating controls. (AC controls are good, but they should also be considered for replacement if heating controls are replaced).	1/15/2014
HVAC System	Heating	Damage/Wearout	20%	Replace steam and condensate piping.	1/15/2014
HVAC System	Ventilating	Codes/Standards	50%	Provide ventilation system to 2nd floor hallways, 1st floor, basement and sub-basement to meet code for interior spaces.	2/8/2017
HVAC System	Cooling	Damage/Wearout	1%	AC units condensate pumps (4AC Units in room 9 currently drain into trash cans).	2/6/2020
HVAC System	Cooling	Damage/Wearout	10%	Replace worn out A/C units (Pres conference room and second floor).	2/6/2020
Plumbing System	Waste	Codes/Standards	5%	Install plumbing vent system to meet code.	1/15/2014
Plumbing System	Supply	Damage/Wearout	30%	Replace supply piping (Partial done in 2019).	2/6/2020

Plumbing System	Waste	Damage/Wearout	30%	Replace waste piping (partial done in 2019).	2/6/2020
Plumbing System	Supply	Damage/Wearout	20%	Install hot water circulation line (galvanized).	2/6/2020
Roof System	Structure	Damage/Wearout	15%	DESIGN AND INSTALL STRUCTURAL ROOF BRACING. (ENGINEER REPORT)	12/9/1992
Safety System	Extinguishing System	Codes/Standards	100%	INSTALL FIRE SUPPRESSION SYSTEM.	12/9/1992
Safety System	Exit/Emergency Lighti	Codes/Standards	60%	Upgrade fire alarm system. PPA 19-0165	2/6/2020
Specialties	Signange/Directories	Codes/Standards	95%	INSTALL CAMPUS STANDARD SIGNS.	2/9/2011

MOR & Collections (2017)

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Environmental Improve	1%	Replace track lighting in room 213.	1/10/2018
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	1/10/2018
Electrical System	Lighting	Damage/Wearout	5%	Upgrade emergency lighting to LED, current emergency lighting is old and needs upgrade.	6/9/2021
Envelope	Exterior Walls	Damage/Wearout	1%	Recaulk exterior walls and repair various flashing.	12/11/2002
Envelope	Exterior Windows	Damage/Wearout	2%	Replace various doublepane windows. Seals have failed.	12/11/2002
Envelope	Exterior Doors/Hatch	Damage/Wearout	2%	Investigate water leaking under garage door west loading dock.	1/10/2018
Envelope	Exterior Doors/Hatch	Damage/Wearout	5%	Replace courtyard doors with doors that are better insulated (3 doubles).	1/10/2018
Envelope	Exterior Walls	Damage/Wearout	1%	Refinish wood at staff entry.	6/9/2021
Envelope	Exterior Walls	Damage/Wearout	1%	Repair exterior stucco - there are holes from birds.	6/9/2021
Envelope	Exterior Doors/Hatch	Damage/Wearout	10%	Replace exterior door sweeps (Pests and water are entering the building through old worn door sweeps).	6/15/2021
Envelope	Exterior Walls	Damage/Wearout	5%	The brick on the west side above the lower roof line needs to be repaired/repointed.	7/2/2021
Envelope	Exterior Walls	Damage/Wearout	1%	Repair cracks in stucco esterior wall.	7/2/2021
Finishes	Wall Finishes	Damage/Wearout	8%	Patch and paint interior walls as needed.	1/14/2015
Finishes	Floor Finishes	Damage/Wearout	10%	Replace carpet in various areas: Back Gallery (rm. 212), Stairs (rm. 388)	6/15/2021
Finishes	Ceilings	Damage/Wearout	10%	Replace Damaged/Dirty ceiling tile.	6/15/2021

Finishes	Ceilings	Damage/Wearout	2%	Monitor leaks in history hall and hall of horns.	6/15/2021
Finishes	Interior Wall Systems	Damage/Wearout	10%	Recaulk expansion joints in basement CMU walls.	6/15/2021
Foundations	Exterior Steps/Retaini	Codes/Standards	2%	Add railing to front walkway.	1/14/2009
Foundations	Footings/Foundation	Damage/Wearout	10%	Install waterproofing at foundation.	1/14/2009
Foundations	Footings/Foundation	Damage/Wearout	25%	Repair various foundation leaks that occur mostly around the courtyard.	6/15/2021
HVAC System	Heating	Damage/Wearout	10%	Replace outdated control system. (can't get parts)	1/14/2015
HVAC System	Heating	Damage/Wearout	2%	Replace leaking groove locks.	1/14/2015
HVAC System	Heating	Damage/Wearout	7%	Replace boiler, burner, and/or gas train to reduce nuisance tripping and provide a lower minimum capacity. (Failures are showing signs of age. Replace with more efficient system.)	1/14/2015
HVAC System	Heating	Damage/Wearout	21%	Replace heat pumps (beyond normal life).	1/14/2015
HVAC System	Cooling	Damage/Wearout	30%	Replace heat pumps.	1/14/2015
HVAC System	Ventilating	Codes/Standards	1%	Investigate ventilation requirements for room 105, and 109 (electrical closet). High humidity.	1/10/2018
HVAC System	Ventilating	Environmental Improve	5%	Install ventilation system to collect dust in paleo lab.	1/10/2018
Plumbing System	Fixtures	Damage/Wearout	30%	Replace flush valves.	6/9/2021
Plumbing System	Fixtures	Damage/Wearout	30%	Replace fixtures. Consider addition of ADA compliant bathroom fixtures for children.	6/9/2021
Roof System	Covering	Damage/Wearout	10%	Investigate several leaks in roof (Room 214, 212, 213, and 215).	6/9/2021
Roof System	Covering	Damage/Wearout	30%	Roof EUL (EPDM installed in 2015, PPA 12-0094, ~20-30 year lifespan).	6/9/2021
Roof System	Structure	Damage/Wearout	5%	Replace roof at staff entry. It is constructed of wood and is deteriorating and should be rebuilt with a composite material.	7/2/2021
Safety System	Egress	Codes/Standards	5%	Upgrade climbable railing to meet code by installing lexan panels.	1/14/2015
Safety System	Exit/Emergency Lighti	Codes/Standards	50%	Upgrade conventional smoke detectors with intelligent.	6/9/2021
Specialties	Signange/Directories	Codes/Standards	10%	Upgrade ADA elevator numbering on vestibule or on metal jambs.	1/11/2012
Specialties	Signange/Directories	Codes/Standards	70%	Upgrade building to MSU standard signage (except on bathrooms).	1/11/2012

Specialties	Toilet Partitions	Damage/Wearout	5%	Replace humidifies on heat pump 12, serving room 214; and heat pump 39 and 40, serving room 213 and basement.	6/9/2021

Mullan Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Codes/Standards	100%	Upgrade freight elevator to meet current code.	1/26/2022
Electrical System	Distribution	Damage/Wearout	5%	Investigate upgrades to GFCI outlets in dorm rooms and restrooms.	1/26/2022
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	1/26/2022
Electrical System	Lighting	Energy Conservation	1%	Investigate upgrades to dorm room lighting.	1/26/2022
Envelope	Exterior Windows	Damage/Wearout	100%	Replace windows and hardware.	1/26/2022
Finishes	Floor Finishes	Damage/Wearout	60%	Replace carpet in dorm rooms	1/26/2022
Finishes	Wall Finishes	Damage/Wearout	50%	Repaint as needed.	1/26/2022
Finishes	Floor Finishes	Damage/Wearout	5%	Seal and repair tile in bathrooms as needed.	1/26/2022
Finishes	Interior Doors/Yhard	Damage/Wearout	5%	Repair interior doors as needed.	1/26/2022
Finishes	Interior Doors/Yhard	Damage/Wearout	25%	Replace ceiling tiles as needed.	1/26/2022
Finishes	Interior Wall Systems	Damage/Wearout	2%	Patch plaster as needed.	1/26/2022
Finishes	Interior Doors/Yhard	Codes/Standards	20%	Upgrade door hardware to campus standard.	1/26/2022
Floor System	Stair Treads/Risers	Damage/Wearout	5%	Repair worn-out stair nosing.	1/26/2022
Foundations	Exterior Steps/Retaini	Codes/Standards	5%	Investigate upgrades to loading docks to improve safety and repair spalling concrete.	1/26/2022
HVAC System	Ventilating	Environmental Improve	20%	Provide make-up air to restrooms.	1/26/2022
HVAC System	Heating	Energy Conservation	5%	Install automatic control valves in corridors, stairs and lounges.	1/26/2022
HVAC System	Heating	Damage/Wearout	1%	Provide larger access doors for steam traps beside sinks.	1/26/2022
HVAC System	Heating	Damage/Wearout	20%	Replace steam & condensate piping.	1/26/2022
HVAC System	Heating	Damage/Wearout	5%	Investigate leaks into control airlines.	1/26/2022
Plumbing System	Waste	Damage/Wearout	15%	Replace waste vent for shower stacks	1/26/2022
Plumbing System	Waste	Damage/Wearout	50%	Replace waste piping, nearing end of expected useful life, there are frequent failures, andventilation is a recurring problem (smells of sewage).	1/26/2022

Plumbing System	Waste	Damage/Wearout	5%	Waste piping expected useful life. No signs of failure.	1/26/2022
Plumbing System	Fixtures	Damage/Wearout	20%	Upgrade all bathroom and dorm room fixtures.	1/26/2022
Plumbing System	Fixtures	Damage/Wearout	20%	Replace hot water circulation lines.	1/26/2022
Plumbing System	Supply	Damage/Wearout	50%	Supply piping expected useful life. No signs of failure.	1/26/2022
Roof System	Insulation	Damage/Wearout	50%	Roof beyond expected useful life with no records of failure (last replaced in 1995).	1/26/2022
Roof System	Covering	Damage/Wearout	1%	Investigate repairs to existing roof hatches.	1/26/2022
Roof System	Covering	Damage/Wearout	50%	Roof beyond expected useful life with no records of failure (last replaced in 1995).	1/26/2022
Safety System	Exit/Emergency Lighti	Codes/Standards	100%	Upgrade fire monitoring systems to meet current code.	1/26/2022
Specialties	Toilet Partitions	Damage/Wearout	100%	Upgrade all toilet partitions.	1/26/2022
Specialties	Signange/Directories	Codes/Standards	100%	Upgrade building signage and directories.	1/26/2022
Specialties	Cabinets/Chalkboards	Damage/Wearout	100%	Replace worn out cabinets and hardware throughout.	1/26/2022

Norm Asbjornson Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope	Exterior Walls	Damage/Wearout	1%	Damaged exterior panels on bridge.	11/10/2021
Envelope	Exterior Walls	Damage/Wearout	1%	Damaged exterior wall by generator.	11/10/2021
Envelope	Exterior Walls	Damage/Wearout	1%	Monitor exterior metal angle panels. One has come loose.	11/10/2021
Finishes	Interior Doors/Yhard	Damage/Wearout	1%	Paint interior walls as needed.	11/10/2021
Finishes	Floor Finishes	Damage/Wearout	3%	Refinish all wood stairs. Wood cracking.	11/10/2021
Finishes	Floor Finishes	Damage/Wearout	1%	Replace carpet / refinish floors as needed.	11/10/2021
Finishes	Floor Finishes	Damage/Wearout	1%	Monitor wood paneled wall finishes. Wood is shrinking.	11/10/2021
Finishes	Interior Doors/Yhard	Damage/Wearout	1%	Monitor condition of handrail on center staircase. Breaks frequently.	11/10/2021
Finishes	Floor Finishes	Damage/Wearout	1%	Monitor condition of bleachers due to high use.	11/10/2021
Finishes	Interior Wall Systems	Damage/Wearout	1%	Monitor floor finishes in Inspiration Hall. Wood is shrinking.	11/10/2021
Floor System	Floor Structure	Damage/Wearout	1%	Monitor cracking slab on first floor.	11/10/2021
Plumbing System	Fixtures	Damage/Wearout	1%	Monitor low comsumption toilets and faucets. Not rinsing properly.	11/10/2021

Plumbing System	Fixtures	Codes/Standards	1%	Clima-cool does not come up to temp. Correctly and frequently trips out.	11/10/2021
Safety System	Egress	Building Enhancements	1%	Provide access to lower roof.	11/10/2021
Specialties	Fume Hoods	Building Enhancements	1%	Monitor use of fume hoods that are tied in with building air. Should not use toxic chemicals.	11/10/2021
Specialties	Fixed Seating/Risers	Damage/Wearout	1%	Monitor condition of bleachers due to high use.	11/10/2021

North Hedges Hall - 340 Units

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Damage/Wearout	5%	Replace obsolete lights at East Entry and Atrium.	10/25/2006
Electrical System	Distribution	Codes/Standards	1%	Upgrade bathroom recepticles to GFCI outlets.	4/28/2010
Electrical System	Lighting	Environmental Improve	20%	Increase light fixtures in dorm rooms.	4/28/2010
Electrical System	Distribution	Building Enhancements	20%	Increase distribution to rooms (more outlets).	4/28/2010
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout building.	3/23/2022
Envelope	Exterior Walls	Damage/Wearout	1%	Replace roof eyebrow soffit.	10/25/2006
Envelope	Exterior Walls	Damage/Wearout	2%	Recaulk expansion joint at precast columns.	3/26/2014
Envelope	Exterior Windows	Damage/Wearout	3%	Replace atrium windows.	3/26/2014
Envelope	Exterior Walls	Damage/Wearout	1%	Monitor missing grout in outdoor masonry.	9/27/2017
Envelope	Exterior Walls	Damage/Wearout	10%	Repair and/or seal aggregate panels.	3/23/2022
Envelope	Exterior Walls	Damage/Wearout	5%	Repair concrete sills and re-point brick as needed.	3/23/2022
Finishes	Interior Wall Systems	Damage/Wearout	2%	Re-point interior masonry.	6/16/2004
Finishes	Wall Finishes	Damage/Wearout	35%	Repaint as needed.	6/16/2004
Finishes	Wall Finishes	Damage/Wearout	5%	Repair atrium water damaged drywall.	4/28/2010
Finishes	Floor Finishes	Damage/Wearout	10%	Repair/replace bathroom floors and pans.	3/26/2014
Finishes	Interior Doors/Yhard	Damage/Wearout	30%	Replace interior doors and hardware.	3/26/2014
Finishes	Ceilings	Damage/Wearout	10%	Repair damaged ceiling grid throughout building.	3/23/2022
Finishes	Ceilings	Damage/Wearout	60%	Replace acoustic tile.	3/23/2022
Finishes	Floor Finishes	Damage/Wearout	10%	Replace carpet in building as needed.	3/23/2022

Finishes	Interior Wall Systems	Damage/Wearout	5%	Repair common interior walls as needed.	3/23/2022
Finishes	Floor Finishes	Damage/Wearout	5%	Replace ceramic tile(can't order)	3/23/2022
Floor System	Stair Treads/Risers	Damage/Wearout	1%	Repair stair nosings as needed.	10/25/2006
Foundations	Footings/Foundation	Damage/Wearout	1%	Investigate settling between atrium and building.	6/16/2004
Foundations	Exterior Steps/Retaini	Damage/Wearout	1%	Repair East & West entry stairs as needed.	4/28/2010
Foundations	Footings/Foundation	Damage/Wearout	1%	Monitor settiling concrete slabs outdoors.	9/27/2017
Foundations	Exterior Steps/Retaini	Damage/Wearout	1%	Replace rusting handrailings at west entrances.	9/27/2017
Foundations	Footings/Foundation	Damage/Wearout	1%	Monitor viertical crack in exterior foundation wall on north east side of building where concrete platform meets masonry.	9/27/2017
HVAC System	Ventilating	Damage/Wearout	1%	Upgrade dryer exhaust system.	10/26/2006
HVAC System	Ventilating	Damage/Wearout	1%	Clean exhaust ducts, fans and rebalance system.	10/26/2006
HVAC System	Heating	Damage/Wearout	5%	Replace obsolete room control valves.	9/27/2017
HVAC System	Ventilating	Damage/Wearout	20%	Upgrade ventilation system on lobby level.	3/23/2022
HVAC System	Ventilating	Damage/Wearout	15%	Repair/replace controls on all H&V.	3/23/2022
HVAC System	Heating	Damage/Wearout	10%	Replace HV unit heating coils.	3/23/2022
HVAC System	Cooling	Building Enhancements	15%	Add cooling to lobby level.	3/23/2022
HVAC System	Heating	Damage/Wearout	40%	Replace all heating piping and condensate in rooms.	3/23/2022
Plumbing System	Supply	Damage/Wearout	30%	Replace hot water circ. lines.	10/26/2006
Plumbing System	Fixtures	Damage/Wearout	20%	Replace shower valves.	9/27/2017
Plumbing System	Waste	Damage/Wearout	20%	Replace drain piping.	3/23/2022
Roof System	Covering	Damage/Wearout	2%	Replace traffic pads and repair roof as necessary.	9/27/2017
Roof System	Insulation	Damage/Wearout	80%	Replace roof covering and insulation.	3/23/2022
Roof System	Covering	Damage/Wearout	80%	Replace roof covering and insulation.	3/23/2022
Safety System	Exit/Emergency Lighti	Damage/Wearout	100%	Upgrade dated alarm system (full voice evacuation system, repair) Install visual/audible notification system, Sup. Alarms come in as trouble alarms, smoke detectors are past EUL, and ADA notification needed in restrooms.	3/23/2022
Specialties	Cabinets/Chalkboards	Damage/Wearout	20%	Replace hardware on cabinet doors and drawers.	6/16/2004

Specialties	Signange/Directories	Damage/Wearout	50%	Replace room numbers on doors.	6/16/2004
Specialties	Toilet Partitions	Damage/Wearout	50%	Replace toilet and shower partitions.	10/26/2006
Specialties	Cabinets/Chalkboards	Damage/Wearout	5%	Repair damaged closet case.	4/28/2010

Paisley Ct Apts - 90units, 9 b

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Codes/Standards	2%	Upgrade kitchen receptacle to GFCI when remodeling. (Ongoing).	9/24/2014
Electrical System	Distribution	Codes/Standards	2%	Add arcfault breakers for bedrooms when remodeling. (Ongoing)	9/24/2014
Electrical System	Building Service	Energy Conservation	15%	Upgrade lighting to LED throughout.	4/24/2019
Envelope	Exterior Windows	Damage/Wearout	5%	REPLACE HARDWARE AS NEEDED.	4/2/2005
Envelope	Exterior Windows	Damage/Wearout	10%	Replace window insulated glaze unit (IGU) glass. (moisture, fog)	10/26/2011
Envelope	Exterior Walls	Damage/Wearout	1%	Replace soffits with soffits that allow ventilation.	9/24/2014
Envelope	Exterior Walls	Damage/Wearout	15%	Replace exterior trim as needed.	4/24/2019
Envelope	Exterior Walls	Damage/Wearout	5%	Rebuild exterior sidewalls of stairs and balcony (Units 103, 107, 108).	4/24/2019
Envelope	Exterior Walls	Damage/Wearout	30%	Replace exterior siding.	4/24/2019
Finishes	Interior Doors/Yhard	Damage/Wearout	1%	REPLACE INTERIOR DOORS AS NEEDED.	4/2/2005
Finishes	Wall Finishes	Damage/Wearout	10%	REPAINT AS NEEDED.	4/2/2005
Finishes	Floor Finishes	Damage/Wearout	15%	REPLACE FLOORING AS NEEDED. (Carpet & VCT).	4/2/2005
Finishes	Ceilings	Damage/Wearout	1%	Monitor kitchen ceiling units on top floor of south units from condensation (poor roof ventilation).	4/24/2019
Finishes	Ceilings	Damage/Wearout	1%	Repaint ceilings as needed.	4/24/2019
Floor System	Floor Structure	Damage/Wearout	13%	Replace 2nd floor leveling compound as needed.	4/2/2005
Foundations	Exterior Steps/Retaini	Damage/Wearout	2%	Replace damaged stair treads.	7/23/2008
HVAC System	Heating	Building Enhancements	5%	Extend furnace intake/exhaust vents on roofs.	4/2/2005
HVAC System	Heating	Damage/Wearout	75%	Replace furnaces (Beyond expected useful life).	4/24/2019
HVAC System	Ventilating	Damage/Wearout	5%	Review & Upgrade booster fans to increase airflow (Might also be contributing to roof venting issues.) Ongoing issue.	4/24/2019
HVAC System	Ventilating	Damage/Wearout	1%	Replace soffit vent screen for booster fans.	4/24/2019

Plumbing System	Supply	Damage/Wearout	60%	Supply piping 35 years old.	4/24/2019
Plumbing System	Waste	Damage/Wearout	60%	Waste piping 35 years old.	4/24/2019
Roof System	Insulation	Building Enhancements	5%	Install heat tape on the north and east sides on all buildings. (Might not be needed if venting is solved.)	7/23/2008
Roof System	Structure	Damage/Wearout	2%	Replace downspouts as needed.	7/23/2008
Roof System	Structure	Damage/Wearout	25%	Replace or repaint damaged eaves/soffit trim.	9/24/2014
Roof System	Insulation	Damage/Wearout	40%	Assess condition of the attic insulation and roof sheathing. (Trades have noticed a lot of packed down insulation. Moisture from improperly vented roof might be affecting their condition)	9/24/2014
Roof System	Covering	Damage/Wearout	10%	Add ridgevents.	4/24/2019
Roof System	Covering	Damage/Wearout	5%	Last replaced in 2011 after hail storm.	4/24/2019
Safety System	Exit/Emergency Lighti	Damage/Wearout	5%	Replace deficient smoke detectors as needed.	7/23/2008
Specialties	Cabinets/Chalkboards	Aesthetics	32%	REPLACE CABINETRY AS NEEDED.	4/2/2005
Specialties	Cabinets/Chalkboards	Damage/Wearout	32%	REPLACE CABINETRY AS NEEDED.	4/2/2005
Specialties	Signange/Directories	Building Enhancements	10%	Address complex and building sign deficiencies.	10/26/2011

Parking Structure

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Damage/Wearout	1%	PLACEHOLDER FOR REPORT. DELETE AFTER RECORDING FIRST DEFICIENCY.	6/26/2018
Conveying	Elevator/Lift	Damage/Wearout	1%	PLACE HOLDER - DELETE WHEN REPORT IS ACTIVE	7/9/2018

Plant BioScience Building

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	5%	Updating lighting controls	4/13/2022
Electrical System	Distribution	Building Enhancements	2%	Add electrical capacity for malt lab.	4/13/2022
Envelope	Exterior Doors/Hatch	Damage/Wearout	1%	Monitor water infiltratrion near penthouse door.	9/9/2015
Envelope	Exterior Windows	Damage/Wearout	2%	Replace window treatment	10/10/2018
Finishes	Floor Finishes	Damage/Wearout	5%	Repair/ replace green floor tile that is loose on the 2nd and 3rd floor corridors.	10/10/2018

Finishes	Floor Finishes	Damage/Wearout	3%	Replace floor finishes as needed.	4/13/2022
Finishes	Wall Finishes	Damage/Wearout	3%	Paint as needed.	4/13/2022
Foundations	Footings/Foundation	Damage/Wearout	2%	Monitor settling cracks.	10/10/2018
Plumbing System	Supply	Damage/Wearout	10%	Supply EUL. No known leaks.	4/13/2022
Plumbing System	Waste	Damage/Wearout	50%	Waste EUL. Some leaks/rusting. Cast iron pipe in mechanical room worn out.	4/13/2022
Roof System	Covering	Damage/Wearout	100%	Roof at end of expected useful life. Recent / recurring leaks above north side of pent house and above vending machine on first floor.	4/13/2022
Safety System	Egress	Damage/Wearout	100%	Replace fire alarm system at end of EUL. Cannot replace current panels.	4/13/2022

Plant Growth Center

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Building Enhancements	10%	Upgrade to GFCI outlets.	8/12/2015
Electrical System	Voice/Data	Building Enhancements	10%	Add new wireless.	8/12/2015
Electrical System	Voice/Data	Damage/Wearout	5%	Replace cables.	8/12/2015
Electrical System	Distribution	Codes/Standards	5%	Upgrade GFCI outlets.	9/12/2018
Electrical System	Lighting	Energy Conservation	15%	Upgrade Greenhouse lighting fixtures to energy efficient lighting.	9/12/2018
Electrical System	Lighting	Energy Conservation	15%	Upgrade general lighting to LED.	12/8/2021
Envelope	Exterior Doors/Hatch	Damage/Wearout	2%	Repaint exterior hollow metal doors.	7/12/2006
Envelope	Exterior Walls	Damage/Wearout	5%	Replace curtain wall glazing where seals have failed.	8/12/2015
Envelope	Exterior Walls	Damage/Wearout	5%	Efflorescence on brick.	9/12/2018
Envelope	Exterior Walls	Damage/Wearout	5%	Replace garage door.	12/8/2021
Envelope	Exterior Windows	Damage/Wearout	60%	Replace glass (seals failed).	12/8/2021
Finishes	Ceilings	Damage/Wearout	10%	Replace ceiling tiles as needed. (2nd floor hallway, classrooms, besides new)	12/8/2021
Finishes	Interior Doors/Yhard	Damage/Wearout	5%	Green house 150, replace mechanical shade.	12/8/2021
Finishes	Wall Finishes	Damage/Wearout	2%	Repaint interior walls as needed.	12/8/2021
Finishes	Floor Finishes	Damage/Wearout	2%	Refinish flooring as needed.	12/8/2021

Foundations	Footings/Foundation	Damage/Wearout	5%	Monitor foundation cracks and water infiltration.	9/12/2018
Foundations	Footings/Foundation	Damage/Wearout	5%	Fome panels at east-side foundation of greenhouse exposed.	9/12/2018
HVAC System	Ventilating	Damage/Wearout	34%	Replace H&V units.	8/12/2015
HVAC System	Ventilating	Building Enhancements	5%	Investigate alternative design for evaporative cooling storage tank in greenhouse. The current design requires extensive maintenance.	9/12/2018
HVAC System	Heating	Damage/Wearout	30%	Replace greenhouse H&V units.	9/12/2018
HVAC System	Heating	Damage/Wearout	4%	Replace pneumatic actuators.	9/12/2018
HVAC System	Cooling	Damage/Wearout	15%	Replace cooling tower #2.	12/8/2021
HVAC System	Cooling	Damage/Wearout	15%	Replace evaporative cooling in greenhouse.	12/8/2021
Plumbing System	Fixtures	Damage/Wearout	15%	Replace water heater (EUL).	12/8/2021
Roof System	Insulation	Damage/Wearout	25%	Ballasted roof approaching EUL, with few known leaks. (Last replacement: PPA 09-0084)	12/8/2021
Roof System	Covering	Damage/Wearout	25%	Ballasted roof approaching EUL, with few known leaks. (Last replacement: PPA 09-0084)	12/8/2021
Safety System	Exit/Emergency Lighti	Damage/Wearout	15%	Upgrade fire alarm system and controls.	9/12/2018
Specialties	Signange/Directories	Building Enhancements	100%	Upgrade signage/ directories.	7/8/2009

Plew Building

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	10%	Upgrade lighting to LED throughout.	10/11/2017
Envelope	Exterior Doors/Hatch	Energy Conservation	50%	Replace overhead doors with energy efficient doors.	9/14/2005
Envelope	Exterior Walls	Damage/Wearout	1%	Clean/repair exterior brick and mortar.	9/10/2008
Envelope	Exterior Windows	Energy Conservation	70%	Replace windows with energy efficient windows.	10/12/2011
Envelope	Exterior Walls	Damage/Wearout	1%	Repair damaged siding on East wall of E waste.	10/8/2014
Envelope	Exterior Windows	Damage/Wearout	3%	Clean & repoint window sills.	10/11/2017
Envelope	Exterior Windows	Damage/Wearout	1%	Replace fabric awnings.	12/9/2020
Finishes	Ceilings	Damage/Wearout	1%	Replace ceiling tile as nessecary.	10/8/2014
Finishes	Floor Finishes	Damage/Wearout	5%	Refinish/replace floor finishes as needed.	12/9/2020
Finishes	Wall Finishes	Damage/Wearout	5%	Repaint as needed.	12/9/2020

Finishes	Interior Doors/Yhard	Codes/Standards	10%	Upgrade all door knobs/hardware to campus standard (lever handles).	12/9/2020
Floor System	Stair Treads/Risers	Building Enhancements	1%	Upgrade handrails on stairs leading up to second floor.	12/9/2020
HVAC System	Cooling	Environmental Improve	15%	Replace evaporative coolers (aka swamp coolers) on second floor.	10/8/2014
HVAC System	Cooling	Damage/Wearout	15%	Replace 2 heat pumps (IT server room and IT area).	10/8/2014
HVAC System	Cooling	Building Enhancements	25%	Improve ventilation in planning area (area behind key distribution desk).	10/8/2014
HVAC System	Ventilating	Codes/Standards	10%	Install mechanical ventilation in women's bathroom.	10/11/2017
Plumbing System	Waste	Damage/Wearout	50%	Waste piping expected useful life.	12/9/2020
Plumbing System	Supply	Damage/Wearout	30%	Supply piping expected useful life.	12/9/2020
Plumbing System	Supply	Damage/Wearout	20%	Update supply piping in women's restroom.	12/9/2020
Roof System	Covering	Damage/Wearout	50%	Roof expected useful life: 2010 installation of elastromeric coating w/20 year warranty.	12/9/2020
Safety System	Egress	Codes/Standards	2%	Investigate egress code requirements.	9/10/2008
Safety System	Exit/Emergency Lighti	Codes/Standards	10%	Install emergency lights.	10/12/2011
Safety System	Exit/Emergency Lighti	Codes/Standards	10%	Improve accessibility to main level (first floor) of Plew Building.	12/9/2020
Safety System	Exit/Emergency Lighti	Codes/Standards	60%	Install fire alarm systems throughout building.	12/9/2020
Safety System	Exit/Emergency Lighti	Codes/Standards	10%	Accessible restrooms are needed.	12/9/2020
Safety System	Extinguishing System	Codes/Standards	100%	Install fire suppression system throughout building.	12/9/2020
Specialties	Cabinets/Chalkboards	Damage/Wearout	30%	Upgrade cabinets throughout (bathrooms and kitchen).	12/9/2020
Specialties	Toilet Partitions	Damage/Wearout	30%	Upgrade women's toilet partitions.	12/9/2020
Specialties	Signange/Directories	Building Enhancements	10%	Improve exterior builidng signage & directories.	12/9/2020

Pryor Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Codes/Standards	100%	Upgrade freight elevator to meet current building code.	1/26/2022
Electrical System	Building Service	Building Enhancements	100%	Upgrade electrical capacity for modern uses.	1/26/2022
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	1/26/2022
Envelope	Exterior Walls	Damage/Wearout	1%	Monitor settling stair well at north end of building.	1/26/2022

Envelope	Exterior Windows	Damage/Wearout	100%	Replace all windows and hardware.	1/26/2022
Finishes	Ceilings	Damage/Wearout	25%	Replace ceiling tiles as needed.	1/26/2022
Finishes	Interior Doors/Yhard	Damage/Wearout	1%	Repair interior doors as needed.	1/26/2022
Finishes	Floor Finishes	Damage/Wearout	50%	Replace carpet as needed.	1/26/2022
Finishes	Floor Finishes	Damage/Wearout	10%	Repair and seal bathroom tile flooring as needed.	1/26/2022
Finishes	Wall Finishes	Damage/Wearout	50%	Repaint as needed.	1/26/2022
Finishes	Interior Wall Systems	Damage/Wearout	1%	Patch as needed.	1/26/2022
Finishes	Interior Wall Systems	Environmental Improve	1%	Sound proof wall between RD apartment and computerlab.	1/26/2022
Finishes	Interior Doors/Yhard	Codes/Standards	20%	Upgrade interior door hardware to campus standard.	1/26/2022
Floor System	Stair Treads/Risers	Damage/Wearout	5%	Repair worn-out stair nosing.	1/26/2022
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Investigate upgrades to loading docks to improve safety and repair spalling concrete.	1/26/2022
HVAC System	Ventilating	Environmental Improve	20%	Provide make-up air to restrooms.	1/26/2022
HVAC System	Ventilating	Environmental Improve	5%	Install ventilation in dirt room / mechanical room in Pryor.	1/26/2022
HVAC System	Heating	Codes/Standards	1%	Provide larger access doors for steam traps beside sinks.	1/26/2022
HVAC System	Heating	Energy Conservation	5%	Install automatic control valves in corridors, stairs, and lounges	1/26/2022
HVAC System	Heating	Damage/Wearout	20%	Replace steam and condensate piping.	1/26/2022
HVAC System	Heating	Damage/Wearout	1%	Investigate leaks into control airlines.	1/26/2022
Plumbing System	Fixtures	Damage/Wearout	5%	Replace all water fountains.	1/26/2022
Plumbing System	Waste	Damage/Wearout	15%	Replace waste vent for shower stacks	1/26/2022
Plumbing System	Waste	Damage/Wearout	60%	Waste piping beyond EUL. Frequent failures.	1/26/2022
Plumbing System	Supply	Damage/Wearout	50%	Supply piping beyond EUL. No signs of failure.	1/26/2022
Plumbing System	Fixtures	Damage/Wearout	80%	Upgrade all bathroom fixtures.	1/26/2022
Plumbing System	Supply	Damage/Wearout	20%	Replace hot water circulation line in johnstone center.	1/26/2022
Roof System	Structure	Damage/Wearout	100%	Replace roof covering and existing roof hatches. (Condition report provided by Scott Dean, Comma Q).	1/26/2022
Roof System	Covering	Damage/Wearout	100%	Replace roof insulation.	1/26/2022

Safety System	Exit/Emergency Lighti	Codes/Standards	100%	Upgrade fire alarm / notification system.	1/26/2022
Specialties	Cabinets/Chalkboards	Damage/Wearout	80%	Replace worn out cabinets and hardware.	1/26/2022
Specialties	Cabinets/Chalkboards	Damage/Wearout	5%	Replace mail boxes.	1/26/2022
Specialties	Signange/Directories	Codes/Standards	100%	Upgrade building/room signage to campus standards.	1/26/2022

Quad A

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	30%	Upgrade to energy efficient lighting	5/26/2009
Electrical System	Lighting	Building Enhancements	10%	Add additional lighting.	2/26/2014
Envelope	Exterior Walls	Damage/Wearout	5%	TUCK POINT BRICK.	5/18/2005
Envelope	Exterior Walls	Damage/Wearout	10%	REPAIR/PAINT EXTERIOR TRIM.	5/18/2005
Envelope	Exterior Windows	Damage/Wearout	100%	REPLACE EXTERIOR WINDOWS.	5/18/2005
Envelope	Exterior Doors/Hatch	Damage/Wearout	60%	REFURBISH ALL EXTERIOR MAIN AND REAR DOORS.	5/26/2009
Envelope	Exterior Doors/Hatch	Damage/Wearout	30%	Replace exterior door hardware.	2/26/2014
Finishes	Ceilings	Damage/Wearout	15%	Repair plaster as needed.	5/18/2005
Finishes	Floor Finishes	Damage/Wearout	5%	Replace damaged / worn stair nosings and coverings as needed.	5/26/2009
Finishes	Interior Doors/Yhard	Damage/Wearout	15%	REPLACE INTERIOR DOORS AS NEEDED.	5/26/2009
Finishes	Interior Wall Systems	Damage/Wearout	15%	REPAIR PLASTER WALLS AS NECESSARY.	5/26/2009
Finishes	Interior Doors/Yhard	Damage/Wearout	10%	Replace interior doors and hardware	4/25/2017
Finishes	Floor Finishes	Damage/Wearout	10%	Replace floor finishes as needed.	10/23/2019
Finishes	Wall Finishes	Damage/Wearout	10%	Replace wall finishes as needed.	10/23/2019
Finishes	Ceilings	Damage/Wearout	10%	Repaint ceilings as needed.	10/23/2019
Foundations	Exterior Steps/Retaini	Damage/Wearout	40%	Replace/Repair all retaining walls and window wells.	2/26/2014
Foundations	Footings/Foundation	Damage/Wearout	20%	Monitor foundation crack	4/26/2017
Foundations	Exterior Steps/Retaini	Damage/Wearout	40%	Replace/Repair exterior steps as needed.	4/26/2017
HVAC System	Heating	Damage/Wearout	3%	REPLACE FAILED STEAM RADIATOR VALVES AND TRAPS AS NEEDED	5/18/2005
HVAC System	Ventilating	Damage/Wearout	50%	Replace bathroom exhaust fans.	5/26/2009

HVAC System	Heating	Damage/Wearout	10%	REINSULATE PIPE IN BASEMENT and TUNNELS.	4/26/2017
HVAC System	Heating	Damage/Wearout	50%	Replace existing condensate lines.	10/23/2019
Plumbing System	Fixtures	Damage/Wearout	40%	REPAIR/REPLACE FIXTURES AS NEEDED.	5/18/2005
Plumbing System	Supply	Damage/Wearout	90%	REPLACE SUPPLY PIPING AND SHUTOFF VALVES	4/26/2017
Plumbing System	Waste	Damage/Wearout	90%	Replace/Upsize building sanitary sewer main service.	10/23/2019
Roof System	Covering	Building Enhancements	1%	Investigate addition of gutter/awning system to roof (keep water out of window wells)	5/26/2009
Roof System	Covering	Damage/Wearout	100%	REPLACE ROOF COVERING AND SHEATHING AS NEEDED.	5/26/2009
Roof System	Insulation	Damage/Wearout	100%	INSTALL ATTIC INSULATION.	10/23/2019
Safety System	Exit/Emergency Lighti	Codes/Standards	5%	INSTALL DIRECTIONAL EXIT SIGNS WHERE NEEDED.	5/18/2005
Safety System	Egress	Codes/Standards	3%	EVALUATE BUILDING EGRESS.	5/18/2005
Safety System	Egress	Damage/Wearout	75%	Repair fire escapes (qty. 3)	4/26/2017
Specialties	Cabinets/Chalkboards	Damage/Wearout	35%	Repair/replace cabinetry as needed.	5/18/2005
Specialties	Signange/Directories	Building Enhancements	100%	INSTALL SIGNAGE AND DIRECTORIES.	5/18/2005
Specialties	Cabinets/Chalkboards	Damage/Wearout	30%	REPAIR/REPLACE COUNTERTOPS AS NEEDED.	2/26/2014
Specialties	Toilet Partitions	Damage/Wearout	50%	Replace toilet partitions.	10/23/2019

Quad B

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	30%	Upgrade to energy efficient lighting	5/26/2009
Electrical System	Lighting	Building Enhancements	25%	Add additional lighting.	2/26/2014
Envelope	Exterior Windows	Damage/Wearout	100%	REPLACE EXTERIOR WINDOWS.	5/18/2005
Envelope	Exterior Walls	Damage/Wearout	5%	TUCK POINT BRICK.	5/18/2005
Envelope	Exterior Walls	Damage/Wearout	10%	REPAIR/PAINT EXTERIOR TRIM.	5/18/2005
Envelope	Exterior Doors/Hatch	Damage/Wearout	15%	Replace door hardware on one of two exterior doors.	2/26/2014
Envelope	Exterior Doors/Hatch	Damage/Wearout	30%	Refurburbish one of two exterior doors.	2/26/2014
Finishes	Ceilings	Damage/Wearout	30%	REPAINT CEILINGS AS NEEDED.	5/18/2005

Finishes	Floor Finishes	Damage/Wearout	5%	Replace damaged / worn stair nosings and coverings as needed.	5/26/2009
Finishes	Interior Doors/Yhard	Damage/Wearout	15%	REPLACE INTERIOR DOORS AS NEEDED.	5/26/2009
Finishes	Ceilings	Damage/Wearout	15%	REPAIR PLASTER AS NEEDED.	5/26/2009
Finishes	Interior Wall Systems	Damage/Wearout	15%	REPAIR PLASTER WALLS AS NECESSARY.	5/26/2009
Finishes	Floor Finishes	Damage/Wearout	25%	Replace floor covering	4/26/2017
Finishes	Interior Doors/Yhard	Damage/Wearout	10%	Replace interior door hardware	4/26/2017
Finishes	Wall Finishes	Damage/Wearout	20%	Repaint interior walls as needed	4/26/2017
Foundations	Exterior Steps/Retaini	Damage/Wearout	40%	Replace/Repair all retaining walls and window wells.	2/26/2014
Foundations	Exterior Steps/Retaini	Damage/Wearout	40%	Replace/Repair exterior steps as needed.	4/26/2017
Foundations	Footings/Foundation	Damage/Wearout	20%	Monitor Foundation Crack	4/26/2017
HVAC System	Heating	Damage/Wearout	3%	REPLACE FAILED STEAM RADIATOR VALVES AND TRAPS AS NEEDED.	5/18/2005
HVAC System	Ventilating	Damage/Wearout	50%	Replace all exhaust fans	5/26/2009
HVAC System	Heating	Damage/Wearout	10%	REINSULATE PIPE IN BASEMENT AND TUNNELS.	4/26/2017
HVAC System	Heating	Damage/Wearout	50%	Replace existing condensate lines.	10/23/2019
Plumbing System	Fixtures	Damage/Wearout	40%	REPAIR/REPLACE FIXTURES AS NEEDED.	5/18/2005
Plumbing System	Waste	Damage/Wearout	30%	Replace/Upsize building sanitary sewer main service.	5/26/2009
Plumbing System	Supply	Damage/Wearout	90%	REPLACE ALL SUPPLY PIPING AND SHUTOFF VALVES	4/26/2017
Roof System	Covering	Building Enhancements	1%	Investigate addition of gutter/awning system to roof (keep water out of window wells)	5/26/2009
Roof System	Covering	Damage/Wearout	100%	REPLACE ROOF COVERING AND SHEATHING AS NEEDED.	5/26/2009
Roof System	Insulation	Energy Conservation	75%	INSTALL ATTIC INSULATION.	5/26/2009
Safety System	Exit/Emergency Lighti	Codes/Standards	5%	INSTALL DIRECTIONAL EXIT SIGNS WHERE NEEDED.	5/18/2005
Safety System	Egress	Codes/Standards	3%	EVALUATE BUILDING EGRESS.	5/18/2005
Safety System	Egress	Damage/Wearout	75%	Repair fire escapes (3)	4/26/2017
Specialties	Signange/Directories	Building Enhancements	100%	INSTALL SIGNAGE AND DIRECTORIES.	5/18/2005

Specialties	Cabinets/Chalkboards	Damage/Wearout	35%	Repair/replace cabinetry as needed.	2/26/2014
Specialties	Cabinets/Chalkboards	Damage/Wearout	30%	REPAIR/REPLACE COUNTERTOPS AS NEEDED.	2/26/2014
Specialties	Toilet Partitions	Aesthetics	75%	REPLACE TOILET PARTITIONS AS NEEDED.	2/26/2014

Quad C

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	30%	Upgrade to energy efficient lighting	5/26/2009
Electrical System	Distribution	Building Enhancements	25%	Add additional lighting.	2/26/2014
Envelope	Exterior Walls	Damage/Wearout	5%	TUCK POINT BRICK.	5/18/2005
Envelope	Exterior Windows	Damage/Wearout	100%	REPLACE ALL EXTERIOR WINDOWS.	5/18/2005
Envelope	Exterior Walls	Damage/Wearout	10%	REPAIR/PAINT EXTERIOR TRIM.	5/18/2005
Envelope	Exterior Doors/Hatch	Damage/Wearout	60%	REFURBISH ALL EXTERIOR MAIN AND REAR DOORS.	5/26/2009
Envelope	Exterior Doors/Hatch	Damage/Wearout	30%	Replace exterior door hardware.	2/26/2014
Finishes	Ceilings	Damage/Wearout	30%	REPAINT CEILINGS AS NEEDED.	5/18/2005
Finishes	Floor Finishes	Damage/Wearout	5%	Replace damaged / worn stair nosings and coverings as needed.	5/26/2009
Finishes	Interior Doors/Yhard	Damage/Wearout	15%	REPLACE INTERIOR DOORS AS NEEDED.	5/26/2009
Finishes	Interior Wall Systems	Damage/Wearout	15%	REPAIR PLASTER WALLS AS NEEDED.	5/26/2009
Finishes	Ceilings	Damage/Wearout	15%	REPAIR PLASTER AS NEEDED.	5/26/2009
Finishes	Interior Doors/Yhard	Damage/Wearout	10%	Replace interior door hardware	4/26/2017
Finishes	Wall Finishes	Damage/Wearout	20%	Repaint interior walls as needed	4/26/2017
Finishes	Floor Finishes	Damage/Wearout	25%	Replace floor covering	4/26/2017
Foundations	Exterior Steps/Retaini	Damage/Wearout	40%	Replace/Repair all retaining walls and window wells.	2/26/2014
Foundations	Exterior Steps/Retaini	Damage/Wearout	40%	Replace/Repair exterior steps as needed.	4/26/2017
Foundations	Footings/Foundation	Damage/Wearout	20%	Monitor foundation cracks	4/26/2017
HVAC System	Ventilating	Damage/Wearout	50%	Replace all exhaust fans	5/26/2009
HVAC System	Heating	Damage/Wearout	3%	REPLACE FAILED STEAM RADIATOR VALVES AND TRAPS AS NEEDED.	4/26/2017
HVAC System	Heating	Damage/Wearout	10%	REINSULATE PIPE IN BASEMENT AND TUNNELS.	4/26/2017

HVAC System	Heating	Damage/Wearout	50%	Replace existing condensate lines.	10/23/2019
Plumbing System	Fixtures	Damage/Wearout	40%	REPAIR/REPLACE FIXTURES AS NEEDED.	5/18/2005
Plumbing System	Waste	Damage/Wearout	30%	Replace/Upsize building sanitary sewer main service.	5/26/2009
Plumbing System	Supply	Damage/Wearout	90%	REPLACE SUPPLY PIPING AND SHUTOFF VALVES	4/26/2017
Roof System	Covering	Damage/Wearout	100%	REPLACE ROOF COVERING AND SHEATHING AS NEEDED.	5/26/2009
Roof System	Covering	Building Enhancements	1%	Investigate addition of gutter/awning system to roof (keep water out of window wells)	5/26/2009
Safety System	Egress	Codes/Standards	3%	EVALUATE BUILDING EGRESS.	5/18/2005
Safety System	Exit/Emergency Lighti	Codes/Standards	5%	INSTALL DIRECTIONAL EXIT SIGNS WHERE NEEDED.	5/18/2005
Safety System	Egress	Damage/Wearout	75%	Repair fire escape (3)	4/26/2017
Specialties	Signange/Directories	Building Enhancements	100%	INSTALL SIGNAGE AND DIRECTORIES.	5/18/2005
Specialties	Cabinets/Chalkboards	Damage/Wearout	30%	REPAIR/REPLACE COUNTERTOPS AS NEEDED.	2/26/2014
Specialties	Cabinets/Chalkboards	Damage/Wearout	35%	Repair/replace cabinetry as needed.	2/26/2014
Specialties	Toilet Partitions	Aesthetics	75%	REPLACE TOILET PARTITIONS AS NEEDED.	2/26/2014

Quad D

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Building Enhancements	25%	Add additional lighting.	2/26/2014
Envelope	Exterior Windows	Damage/Wearout	100%	REPLACE EXTERIOR WINDOWS.	5/18/2005
Envelope	Exterior Walls	Damage/Wearout	5%	TUCK-POINT BRICK.	5/18/2005
Envelope	Exterior Walls	Damage/Wearout	10%	REPAIR/PAINT EXTERIOR TRIM.	5/18/2005
Envelope	Exterior Doors/Hatch	Damage/Wearout	60%	REFURBISH ALL EXTERIOR MAIN AND REAR DOORS.	5/26/2009
Envelope	Exterior Doors/Hatch	Damage/Wearout	30%	Replace exterior door hardware.	2/26/2014
Finishes	Ceilings	Damage/Wearout	30%	REPAINT CEILINGS AS NEEDED.	5/18/2005
Finishes	Floor Finishes	Damage/Wearout	5%	Replace damaged / worn stair nosings and coverings as needed.	5/26/2009
Finishes	Interior Doors/Yhard	Damage/Wearout	15%	REPLACE INTERIOR DOORS AS NEEDED.	5/26/2009
Finishes	Ceilings	Damage/Wearout	15%	REPAIR PLASTER AS NEEDED.	5/26/2009

Finishes	Interior Wall Systems	Damage/Wearout	15%	REPAIR PLASTER WALLS AS NECESSARY.	5/26/2009
Finishes	Interior Doors/Yhard	Damage/Wearout	10%	Replace interior door hardware	4/26/2017
Finishes	Floor Finishes	Damage/Wearout	25%	Replace floor covering	4/26/2017
Finishes	Wall Finishes	Damage/Wearout	20%	Repaint interior walls as needed	4/26/2017
Foundations	Exterior Steps/Retaini	Damage/Wearout	40%	Replace/Repair all retaining walls and window wells.	2/26/2014
Foundations	Exterior Steps/Retaini	Damage/Wearout	40%	Replace/Repair exterior steps as needed.	4/26/2017
Foundations	Footings/Foundation	Damage/Wearout	20%	Monitor foundation cracks	4/26/2017
HVAC System	Ventilating	Damage/Wearout	50%	Replace all exhaust fans	5/26/2009
HVAC System	Heating	Damage/Wearout	10%	REINSULATE PIPE IN BASEMENT AND TUNNELS.	4/26/2017
HVAC System	Heating	Damage/Wearout	3%	REPLACE FAILED STEAM RADIATOR VALVES AND TRAPS AS NEEDED	4/26/2017
HVAC System	Ventilating	Building Enhancements	50%	INSTALL MECH ROOM VENTILATION SYSTEM.	10/23/2019
HVAC System	Heating	Damage/Wearout	50%	Replace existing condensate lines.	10/23/2019
Plumbing System	Fixtures	Damage/Wearout	40%	REPAIR/REPLACE FIXTURES AS NEEDED.	5/18/2005
Plumbing System	Waste	Damage/Wearout	30%	Replace/Upsize building sanitary sewer main service.	5/26/2009
Plumbing System	Supply	Damage/Wearout	90%	REPLACE ALL SUPPLY PIPING AND SHUTOFF VALVES	4/26/2017
Roof System	Insulation	Energy Conservation	75%	INSTALL ATTIC INSULATION.	5/26/2009
Roof System	Covering	Damage/Wearout	100%	REPLACE ROOF COVERING AND SHEATHING AS NEEDED.	5/26/2009
Roof System	Covering	Building Enhancements	1%	Investigate addition of gutter/awning system to roof (keep water out of window wells)	5/26/2009
Safety System	Exit/Emergency Lighti	Codes/Standards	5%	INSTALL DIRECTIONAL EXIT SIGNS WHERE NEEDED.	5/18/2005
Safety System	Egress	Codes/Standards	3%	EVALUATE BUILDING EGRESS.	5/18/2005
Safety System	Egress	Damage/Wearout	75%	Repair fire escapes (3)	4/26/2017
Specialties	Signange/Directories	Building Enhancements	100%	INSTALL SIGNAGE AND DIRECTORIES.	5/18/2005
Specialties	Toilet Partitions	Aesthetics	75%	REPLACE TOILET PARTITIONS AS NEEDED.	2/26/2014
Specialties	Cabinets/Chalkboards	Damage/Wearout	35%	Repair/replace cabinetry as needed.	2/26/2014

Specialties	Cabinets/Chalkboards	Damage/Wearout	30%	REPAIR/REPLACE COUNTERTOPS AS NEEDED.	2/26/2014

Quad E

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	30%	Upgrade to energy efficient lighting	5/26/2009
Electrical System	Distribution	Damage/Wearout	50%	Upgrade electrical distribution to quads E & F	5/26/2009
Electrical System	Lighting	Building Enhancements	25%	Add additional lighting.	2/26/2014
Electrical System	Building Service	Damage/Wearout	30%	Replace building service	4/26/2017
Envelope	Exterior Windows	Damage/Wearout	100%	REPLACE EXTERIOR WINDOWS.	5/18/2005
Envelope	Exterior Walls	Damage/Wearout	10%	REPAIR/PAINT EXTERIOR TRIM.	5/18/2005
Envelope	Exterior Walls	Damage/Wearout	5%	TUCK-POINT BRICK.	5/18/2005
Envelope	Exterior Doors/Hatch	Damage/Wearout	30%	Refurburbish one of two exterior doors.	2/26/2014
Envelope	Exterior Doors/Hatch	Damage/Wearout	15%	Replace door hardware on one of two exterior doors.	2/26/2014
Finishes	Ceilings	Damage/Wearout	30%	REPAINT CEILINGS AS NEEDED.	5/18/2005
Finishes	Floor Finishes	Damage/Wearout	5%	Replace damaged / worn stair nosings and coverings as needed.	5/26/2009
Finishes	Interior Doors/Yhard	Damage/Wearout	15%	REPLACE INTERIOR DOORS AS NEEDED.	5/26/2009
Finishes	Interior Wall Systems	Damage/Wearout	15%	REPAIR PLASTER WALLS AS NECESSARY.	5/26/2009
Finishes	Ceilings	Damage/Wearout	15%	REPAIR PLASTER AS NEEDED.	5/26/2009
Finishes	Interior Doors/Yhard	Damage/Wearout	10%	Replace interior door hardware	4/26/2017
Finishes	Floor Finishes	Damage/Wearout	10%	Replace floor finishes.	10/23/2019
Finishes	Wall Finishes	Damage/Wearout	10%	Repaint interior walls as needed.	10/23/2019
Foundations	Exterior Steps/Retaini	Damage/Wearout	40%	Replace/Repair all retaining walls and window wells.	2/26/2014
Foundations	Exterior Steps/Retaini	Damage/Wearout	40%	Replace/Repair exterior steps as needed.	4/26/2017
Foundations	Footings/Foundation	Damage/Wearout	20%	Monitor foundation cracks	4/26/2017
HVAC System	Ventilating	Damage/Wearout	50%	Replace all exhaust fans	5/26/2009
HVAC System	Heating	Damage/Wearout	10%	REINSULATE PIPE IN BASEMENT AND TUNNELS.	4/26/2017
HVAC System	Heating	Damage/Wearout	3%	REPLACE FAILED STEAM RADIATOR VALVES AND TRAPS AS NEEDED	4/26/2017

HVAC System	Heating	Damage/Wearout	50%	Replace existing condensate lines.	10/23/2019
Plumbing System	Fixtures	Damage/Wearout	40%	REPAIR/REPLACE FIXTURES AS NEEDED.	5/18/2005
Plumbing System	Waste	Damage/Wearout	30%	Replace/Upsize building sanitary sewer main service.	5/26/2009
Plumbing System	Supply	Damage/Wearout	90%	REPLACE SUPPLY PIPING AND SHUTOFF VALVES	4/26/2017
Roof System	Covering	Building Enhancements	1%	Investigate addition of gutter/awning system to roof (keep water out of window wells)	5/26/2009
Roof System	Covering	Damage/Wearout	100%	REPLACE ROOF COVERING AND SHEATHING AS NEEDED.	5/26/2009
Roof System	Insulation	Damage/Wearout	100%	INSTALL ATTIC INSULATION.	10/23/2019
Safety System	Exit/Emergency Lighti	Codes/Standards	5%	INSTALL DIRECTIONAL EXIT SIGNS WHERE NEEDED.	5/18/2005
Safety System	Egress	Codes/Standards	3%	EVALUATE BUILDING EGRESS.	5/18/2005
Safety System	Egress	Damage/Wearout	75%	Repair fire escape (3)	4/26/2017
Specialties	Signange/Directories	Building Enhancements	100%	INSTALL SIGNAGE AND DIRECTORIES.	5/18/2005
Specialties	Cabinets/Chalkboards	Damage/Wearout	30%	REPAIR/REPLACE COUNTERTOPS AS NEEDED.	2/26/2014
Specialties	Cabinets/Chalkboards	Damage/Wearout	35%	REPAIR/REPLACE CABINETRY AS NEEDED.	2/26/2014
Specialties	Toilet Partitions	Damage/Wearout	75%	REPLACE TOILET PARTITIONS AS NEEDED.	10/23/2019

Quad F

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Envelope	Exterior Walls	Damage/Wearout	10%	REPAIR/PAINT EXTERIOR TRIM.	5/18/2005
Envelope	Exterior Windows	Damage/Wearout	100%	REPLACE EXTERIOR WINDOWS.	5/18/2005
Envelope	Exterior Walls	Damage/Wearout	5%	TUCK-POINT BRICK.	5/18/2005
Envelope	Exterior Doors/Hatch	Damage/Wearout	60%	REFURBISH ALL EXTERIOR MAIN AND REAR DOORS.	5/26/2009
Envelope	Exterior Doors/Hatch	Damage/Wearout	30%	Replace exterior door hardware.	2/26/2014
Finishes	Interior Doors/Yhard	Damage/Wearout	3%	Replace interior doors as needed.	2/26/2014
Finishes	Interior Wall Systems	Damage/Wearout	3%	Repair plaster walls as necessary.	2/26/2014
Finishes	Floor Finishes	Damage/Wearout	1%	Replace damaged / worn stair nosings and coverings as needed in basement.	2/26/2014

Finishes	Ceilings	Damage/Wearout	3%	Repair ceilings as needed.	2/26/2014
Finishes	Wall Finishes	Damage/Wearout	20%	Repaint interior walls as needed.	4/26/2017
Finishes	Floor Finishes	Damage/Wearout	25%	Replace floor covering.	4/26/2017
Finishes	Interior Doors/Yhard	Damage/Wearout	10%	Replace interior door hardware.	4/26/2017
Foundations	Exterior Steps/Retaini	Damage/Wearout	40%	Replace/Repair all retaining walls and window wells.	2/26/2014
Foundations	Footings/Foundation	Damage/Wearout	20%	Monitor foundation cracks	4/26/2017
Foundations	Exterior Steps/Retaini	Damage/Wearout	40%	Replace/Repair exterior steps as needed.	4/26/2017
HVAC System	Heating	Damage/Wearout	10%	REINSULATE PIPE IN BASEMENT AND TUNNELS.	4/26/2017
HVAC System	Heating	Damage/Wearout	50%	Replace existing condensate lines.	10/23/2019
Roof System	Covering	Building Enhancements	1%	Investigate addition of gutter/awning system to roof (keep water out of window wells)	5/26/2009
Roof System	Covering	Damage/Wearout	100%	REPLACE ROOF COVERING AND SHEATHING AS NEEDED.	5/26/2009
Roof System	Structure	Damage/Wearout	2%	Repair awnings.	2/26/2014
Safety System	Exit/Emergency Lighti	Codes/Standards	5%	INSTALL DIRECTIONAL EXIT SIGNS WHERE NEEDED.	5/18/2005
Safety System	Egress	Damage/Wearout	75%	Repair fire escapes (3)	4/26/2017
Specialties	Signange/Directories	Building Enhancements	100%	INSTALL SIGNAGE AND DIRECTORIES.	5/18/2005
Specialties	Cabinets/Chalkboards	Damage/Wearout	1%	Repair / replace countertops as needed.	2/26/2014
Specialties	Toilet Partitions	Damage/Wearout	10%	Replace obsolete cabinets.	10/23/2019

Records Management Facility

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	8/22/2018
Finishes	Interior Wall Systems	Damage/Wearout	1%	Repaint interior walls as needed.	8/22/2018
Foundations	Footings/Foundation	Damage/Wearout	1%	Monitor foundation cracks.	8/22/2018
Roof System	Covering	Damage/Wearout	1%	Monitor roof leaks.	8/22/2018
Specialties	Signange/Directories	Codes/Standards	100%	Install compliant building signage throughout.	8/22/2018

Reid Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Damage/Wearout	100%	Replace elevator with code compliant elevator.	6/8/2022
Electrical System	Distribution	Damage/Wearout	33%	Upgrade main distribution panel motor control center.	12/13/2006
Electrical System	Building Service	Building Enhancements	100%	Replace/ upgrade building service. Building has reached capacity.	6/8/2022
Electrical System	Distribution	Damage/Wearout	25%	Upgrade secondary distribution system. NO spare circuits.	6/8/2022
Electrical System	Distribution	Building Enhancements	100%	Upgrade MDP & branch circuit to increase capacity. Circuits frequently trip w/ additional AC units, heating units, and technology.	6/8/2022
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED.	6/8/2022
Envelope	Exterior Walls	Damage/Wearout	1%	Regrout stone facing on columns as needed.	11/8/2000
Envelope	Exterior Walls	Damage/Wearout	2%	Repair Cracks at Soffits. (@ E & S sides of building)	11/18/2009
Envelope	Exterior Windows	Building Enhancements	5%	Add screens to windows where missing.	6/8/2022
Envelope	Exterior Windows	Damage/Wearout	80%	Replace with energy efficient windows.	6/8/2022
Finishes	Wall Finishes	Damage/Wearout	2%	Repair / replace cracked and broken wall tile in bathrooms.	11/18/2009
Finishes	Interior Wall Systems	Damage/Wearout	1%	Regrout around stone panels in gathering areas.	11/18/2009
Finishes	Wall Finishes	Damage/Wearout	10%	Patch and paint miscellaneous walls.	11/18/2015
Finishes	Ceilings	Damage/Wearout	5%	Repair / replace miscellaneous ceiling tiles as needed.	11/18/2015
Finishes	Interior Doors/Yhard	Codes/Standards	10%	Upgrade interior door hardware to campus standard.	6/8/2022
Finishes	Interior Doors/Yhard	Damage/Wearout	1%	Replace restrooms' paper towell dispensers.	6/8/2022
Finishes	Floor Finishes	Damage/Wearout	10%	Repair / replace miscellaneous flooring.	6/8/2022
Foundations	Footings/Foundation	Damage/Wearout	1%	Replace flashing at North entrance.	11/18/2015
Foundations	Footings/Foundation	Damage/Wearout	5%	Monitor effloresence on masonry.	6/8/2022
Foundations	Exterior Steps/Retaini	Damage/Wearout	1%	Monitor spalling concrete at west entrance.	6/8/2022
HVAC System	Ventilating	Energy Conservation	20%	Modify HVAC unit #3 system to include return air.	12/13/2006
HVAC System	Cooling	Building Enhancements	15%	Provide air conditioning for computer labs.	12/13/2006
HVAC System	Ventilating	Damage/Wearout	30%	Replace all air handling units.	11/14/2012
HVAC System	Ventilating	Damage/Wearout	25%	Replace VAV boxes.	11/14/2012

HVAC System	Ventilating	Energy Conservation	20%	Update HVAC & building controls.	11/14/2012
HVAC System	Heating	Damage/Wearout	10%	Upgrade HVAC controls.	11/18/2015
HVAC System	Heating	Damage/Wearout	30%	Replace piping.	11/18/2015
HVAC System	Heating	Damage/Wearout	30%	Replace all air handling units.	11/18/2015
HVAC System	Heating	Damage/Wearout	4%	Replace heat pumps.	11/18/2015
HVAC System	Heating	Damage/Wearout	25%	Replace VAV boxes.	11/18/2015
Plumbing System	Supply	Damage/Wearout	2%	Replace valves.	11/18/2015
Plumbing System	Fixtures	Damage/Wearout	10%	Replace fixtures.	12/12/2018
Plumbing System	Waste	Damage/Wearout	50%	Replace piping (beyond life, but no known problems).	12/12/2018
Plumbing System	Supply	Damage/Wearout	50%	Replace piping (beyond EUL). There have been recent leaks .	6/8/2022
Roof System	Covering	Damage/Wearout	100%	Roof beyond expected useful life (last replaced in 1993/7) 1993 ballested roof covering over rooms 105 and 108 are failing, with some recent signs of leaking. Main roof has not leaked, but is showing blistering, cracking, and detaching from parapet.	6/8/2022
Safety System	Egress	Codes/Standards	30%	Provide egress for the south end of third and fourth floors to meet UBC Egress requirements.	2/12/1992
Safety System	Extinguishing System	Codes/Standards	80%	Install fire supresssion system due to unenclosed stairs and dead-end corridors reuire sprinkled floors. This would address a multitude of code issues.	6/8/2022
Safety System	Exit/Emergency Lighti	Damage/Wearout	100%	Upgrade fire alarm system.	6/8/2022
Specialties	Signange/Directories	Codes/Standards	5%	Install code compliant directories.	11/18/2009
Specialties	Toilet Partitions	Damage/Wearout	20%	Repair / replace.	6/8/2022

Renne Library

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Damage/Wearout	10%	Replace obsolete service panels.	12/10/2014
Electrical System	Distribution	Damage/Wearout	10%	Replace obsolete / failing outlets.	12/10/2014
Electrical System	Voice/Data	Damage/Wearout	5%	Upgrade plug in busway service west side receptacles, inspection megar test shutdown, and isolate insulation of busway.	8/9/2017
Electrical System	Voice/Data	Codes/Standards	5%	Add intercom system.	5/12/2021

Electrical System	Lighting	Energy Conservation	40%	Upgrade lighting to LED and provide occupancy sensors (commmon bsmt, 2nd, and 3rd floor bathrooms). Lighting upgrades in basement and special collections area are a priority for Library.	5/12/2021
Electrical System	Lighting	Energy Conservation	5%	Add occupancy sensors.	5/12/2021
Envelope	Exterior Walls	Damage/Wearout	5%	Regrout fascia and soffit.	11/9/2005
Envelope	Exterior Walls	Damage/Wearout	1%	Repoint 2 east canopies.	11/12/2008
Envelope	Exterior Walls	Damage/Wearout	1%	Recaulk mortar.	12/10/2014
Envelope	Exterior Doors/Hatch	Codes/Standards	10%	Add automatic door locking mechanisms to improve safety during a harmful event.	5/12/2021
Envelope	Exterior Windows	Damage/Wearout	5%	Windows on East side losing sealant, investigate condensation building in special collections area.	5/12/2021
Envelope	Exterior Walls	Damage/Wearout	1%	Regrout stone column and panel of stone adjacent to entry doors.	5/12/2021
Finishes	Ceilings	Damage/Wearout	5%	Replace damage/worn-out ceiling tiels as needed.	5/12/2021
Finishes	Wall Finishes	Damage/Wearout	20%	Repaint as necessary.	5/12/2021
Finishes	Floor Finishes	Damage/Wearout	20%	Replace floor covering throughout.	5/12/2021
Finishes	Interior Doors/Yhard	Codes/Standards	10%	Upgrade door hardware to meet campus standards.	5/12/2021
Finishes	Interior Doors/Yhard	Codes/Standards	5%	Add automatic door openers (3rd floor restrooms, public restrooms, ASC reading room).	5/12/2021
Floor System	Stair Treads/Risers	Damage/Wearout	1%	Repair stair risers (from room 111 to 112).	12/10/2014
Floor System	Stair Treads/Risers	Damage/Wearout	10%	Upgrade stair handrails (accessibility), railing wood caps are in poor condition and need to be refinished or replaced with upgrade.	5/12/2021
Foundations	Exterior Steps/Retaini	Damage/Wearout	25%	Upgrade West entrance.	12/10/2014
Foundations	Exterior Steps/Retaini	Damage/Wearout	3%	Replace dock and Resurfaced tarmac, dock replacement scheduled for this summer (2021).	5/12/2021
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Concrete stairs at staff entrance (NE corner of building facing SUB) are spalling.	5/12/2021
HVAC System	Ventilating	Codes/Standards	1%	VENTILATE SMALL UNVENTILATED OFFICES IN BASEMENT.	11/20/2002
HVAC System	Heating	Damage/Wearout	2%	Replace steam/condensate piping.	11/9/2005
HVAC System	Heating	Damage/Wearout	10%	Replace heating coils on all H&V units	12/14/2011

HVAC System	Ventilating	Damage/Wearout	8%	Replace terminal unit controls.	12/10/2014
HVAC System	Heating	Damage/Wearout	5%	Replace terminal unit controls.	12/10/2014
HVAC System	Cooling	Damage/Wearout	25%	Repair / replace the cooling towers.	12/10/2014
HVAC System	Ventilating	Damage/Wearout	1%	Upgrade exhaust to basement toilet rooms (82, 83, 28, 31).	8/9/2017
HVAC System	Ventilating	Damage/Wearout	20%	Replace AHV units M2 1-4.	5/12/2021
HVAC System	Cooling	Damage/Wearout	20%	Replace AHV units M2 1-4.	5/12/2021
HVAC System	Heating	Damage/Wearout	2%	Replace west condensate pump in mech room.	5/12/2021
HVAC System	Heating	Damage/Wearout	20%	Replace AHV Units M2 1-4.	5/12/2021
HVAC System	Heating	Damage/Wearout	1%	Investigate heating controls in office spaces, review RLMP.	5/12/2021
Plumbing System	Waste	Damage/Wearout	5%	Review / replace piping.	12/10/2014
Plumbing System	Supply	Damage/Wearout	5%	Replace galvanized water piping.	5/12/2021
Plumbing System	Supply	Codes/Standards	1%	Install pipe insulation below lavatories in common bathrooms.	5/12/2021
Plumbing System	Fixtures	Damage/Wearout	40%	Replace worn out fixtures with low flow fixtures as needed.	5/12/2021
Roof System	Covering	Damage/Wearout	30%	Roof EUL (EPDM last replace in 2014, next replacement in approximately 20-30 years).	5/12/2021
Safety System	Exit/Emergency Lighti	Codes/Standards	2%	Add call-to-aid alarm in accessible toilet stalls.	5/12/2021
Safety System	Extinguishing System	Codes/Standards	100%	Upgrade fire alarm system (Consider system that is equipped with an intercom/voice evacuation system to improve safety).	5/12/2021
Specialties	Signange/Directories	Damage/Wearout	10%	Update building info signage with ADA compliant signage.	8/9/2017
Specialties	Toilet Partitions	Damage/Wearout	5%	Replace toilet partitions.	5/12/2021

Roberts Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Building Enhancements	6%	Add panels on West side of building for more capacity.	3/20/2013
Electrical System	Distribution	Building Enhancements	50%	Upgrade secondary electrical.	3/9/2016
Electrical System	Distribution	Damage/Wearout	80%	Upgrade distribution sytem. Beyond useful life.	2/13/2019
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	2/13/2019
Envelope	Exterior Windows	Damage/Wearout	60%	Replace with energy efficient windows.	3/20/2013

Envelope	Exterior Windows	Damage/Wearout	5%	Repaint window sills.	3/20/2013
Envelope	Exterior Windows	Damage/Wearout	3%	Repair / replace window hardware.	3/20/2013
Envelope	Exterior Walls	Damage/Wearout	15%	Repoint brick sills on first level and misc other areas.	3/9/2016
Finishes	Wall Finishes	Damage/Wearout	5%	Repaint as needed.	3/9/2016
Finishes	Floor Finishes	Damage/Wearout	5%	Replace flooring as needed.	3/9/2016
Floor System	Stair Treads/Risers	Building Enhancements	1%	INSTALL KICK/SHIELD ALONG RAILING @ NEW LANDING TYING INTO COBLEIGH (3rd & 4th floor)	4/11/2007
Foundations	Footings/Foundation	Damage/Wearout	2%	Waterproof exterior walls below grade. (seal penetrations through foundation walls)	4/11/2007
Foundations	Footings/Foundation	Building Enhancements	2%	Address drainage issues & foundation around perimeter of building. (possibly regrade mechanical courtyard at SE corner)	4/14/2010
Foundations	Footings/Foundation	Damage/Wearout	2%	Investigate drainage from roof to South side of building (pipe is directing water onto sidewalk).	3/9/2016
HVAC System	Cooling	Environmental Improve	50%	PROVIDE COOLING AT COMPUTER LABS.	4/11/2007
HVAC System	Ventilating	Codes/Standards	15%	PROVIDE VENTILATION TO INTERIOR ROOMS WITH NO WINDOWS.	4/11/2007
HVAC System	Ventilating	Environmental Improve	75%	Implement building wide ventilation system.	3/20/2013
HVAC System	Heating	Damage/Wearout	5%	Replace condensate pump system.	2/13/2019
Plumbing System	Supply	Damage/Wearout	80%	Replace galvanized piping. (piping is original and past life, but still functioning)	2/13/2019
Plumbing System	Waste	Damage/Wearout	80%	Replace original waste piping. (piping is original and past life, but still functioning)	2/19/2019
Safety System	Extinguishing System	Codes/Standards	100%	Install fire suppression system. (firecode requires existing buildings with open stairwells to have a fire suppression system)	4/14/2010
Safety System	Exit/Emergency Lighti	Codes/Standards	6%	INSTALL ADDITIONAL EMERGENCY LIGHTING.	3/20/2013
Safety System	Egress	Codes/Standards	100%	Upgrade egress to meet UBC Egress requirements.	3/9/2016

Roskie Hall - 250 Units

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Damage/Wearout	30%	Recurring water infiltration at overheard freight elevator door. Replace.	10/27/2021
Electrical System	Lighting	Damage/Wearout	1%	Investigate replacing student lighting.	4/23/2014

Electrical System	Lighting	Damage/Wearout	1%	Investigate upgrades to pod lighting (Floors 2-9).	1/24/2018
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	1/24/2018
Electrical System	Distribution	Codes/Standards	2%	Replace bathroom outlets with GFCI receptacles.	10/27/2021
Envelope	Exterior Windows	Damage/Wearout	5%	Repair damaged windows and hardware (ongoing).	4/23/2014
Envelope	Exterior Walls	Damage/Wearout	5%	Repair flaking concrete coating at penthouse exterior.	4/23/2014
Envelope	Exterior Windows	Damage/Wearout	90%	Replace windows and consider replacing condensate at time of window replacement.	10/27/2021
Envelope	Exterior Walls	Damage/Wearout	1%	Repair spawling 'terrazzo' pillars located at southwest entrance.	10/27/2021
Envelope	Exterior Walls	Damage/Wearout	5%	Evaluate and repair panel coating at exterior wall between pods.	10/27/2021
Envelope	Exterior Walls	Damage/Wearout	20%	Investigate water leakage on SW side of pods all floors. Water seeps in during weather from SW direction. Water leaks start above windows (ongoing problem).	10/27/2021
Envelope	Exterior Doors/Hatch	Damage/Wearout	1%	Investigate solutions to prevent water infiltration at freight elevator door.	10/27/2021
Finishes	Ceilings	Damage/Wearout	75%	Replace acoustic ceiling tiles and/ or investigate alternatives.	4/23/2003
Finishes	Interior Wall Systems	Damage/Wearout	5%	Regrout shower areas.	4/23/2003
Finishes	Floor Finishes	Damage/Wearout	5%	Regrout and seal shower floors.	2/28/2007
Finishes	Floor Finishes	Damage/Wearout	10%	Replace carpet as needed.	2/28/2007
Finishes	Interior Doors/Yhard	Damage/Wearout	45%	Replace original doors.	2/28/2007
Finishes	Interior Wall Systems	Damage/Wearout	1%	Repair mortar joints as necessary in central core pod.	2/28/2007
Finishes	Interior Doors/Yhard	Damage/Wearout	45%	Replace door locks.	2/28/2007
Finishes	Wall Finishes	Damage/Wearout	10%	Repaint walls and ceilings as necessary.	4/23/2014
Foundations	Exterior Steps/Retaini	Building Enhancements	30%	Investigate dumpster enclosure.	2/28/2007
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Repair / patch concrete at exposed rebar.	4/23/2014
Foundations	Exterior Steps/Retaini	Damage/Wearout	10%	Paint and repair rusted risers on North stair.	1/24/2018
Foundations	Exterior Steps/Retaini	Damage/Wearout	20%	Repair deteriorating exterior steps and concrete decking at southwest entrance.	10/27/2021
HVAC System	Ventilating	Damage/Wearout	10%	Recommission HVAC system.	2/28/2007

HVAC System	Heating	Damage/Wearout	10%	Recommission HVAC system.	2/28/2007
HVAC System	Heating	Damage/Wearout	7%	Replace penthouse air handling unit preheat coil.	5/26/2010
HVAC System	Ventilating	Damage/Wearout	7%	Replace penthouse air handling unit preheat coil.	5/26/2010
HVAC System	Ventilating	Damage/Wearout	5%	Upgrade dryer duct system to operate effectively.	4/23/2014
HVAC System	Heating	Damage/Wearout	30%	Replace steam piping and condensate return.	1/24/2018
HVAC System	Heating	Damage/Wearout	10%	Replace very old condensate pumps. Currently replacing packing 2x/year.	1/24/2018
HVAC System	Ventilating	Damage/Wearout	10%	Replace H&V Controls (ongoing).	1/24/2018
HVAC System	Heating	Damage/Wearout	5%	Replace obsolete heating valves and thermostats. (a few remain)	10/27/2021
HVAC System	Heating	Damage/Wearout	1%	Insulate piping in mechanical room.	10/27/2021
Plumbing System	Supply	Damage/Wearout	5%	Replace hot water re-circulation piping.	1/24/2018
Plumbing System	Supply	Damage/Wearout	10%	Replace hotwater storage tank.	1/24/2018
Plumbing System	Waste	Damage/Wearout	40%	Waste piping is approximately 30 years old with minimal failures.	10/27/2021
Plumbing System	Supply	Damage/Wearout	40%	Supply piping is approximately 30 years old with minimal failures.	10/27/2021
Plumbing System	Fixtures	Damage/Wearout	1%	Replace shower valves as needed.	10/27/2021
Plumbing System	Fixtures	Building Enhancements	10%	Replace tubs with two showers.	10/27/2021
Safety System	Exit/Emergency Lighti	Damage/Wearout	30%	Upgrade emergency generator and install emergency lighting in basement.	1/24/2018
Specialties	Cabinets/Chalkboards	Damage/Wearout	40%	Replace or repair closets and counters in student rooms.	5/26/2010
Specialties	Toilet Partitions	Damage/Wearout	50%	Replace toilet partitions.	10/27/2021
Specialties	Signange/Directories	Codes/Standards	100%	Upgrade building signage with campus standard.	10/27/2021

Sherrick Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	11/13/2019
Envelope	Exterior Walls	Aesthetics	1%	Clean brick.	12/8/2010
Envelope	Exterior Walls	Damage/Wearout	1%	Replace spalling brick (exterior of penthouse).	11/13/2013
Envelope	Exterior Walls	Damage/Wearout	2%	Caulk upper concrete band, eastside, west building, and southside bridge connection.	11/9/2016

Envelope	Exterior Walls	Damage/Wearout	2%	Recaulk expansion joints.	11/9/2016
Envelope	Exterior Walls	Damage/Wearout	2%	Investigate condition of lentils above openings on west and south side of building because rust is starting to expand and damage adjacent masonry.	11/9/2016
Envelope	Exterior Windows	Damage/Wearout	78%	Replace windows.	11/13/2019
Envelope	Exterior Doors/Hatch	Damage/Wearout	1%	Investigate condition of lentils on doors (NW exit door and pent house door) due to rust.	11/13/2019
Envelope	Exterior Windows	Damage/Wearout	2%	Replace window seals.	11/13/2019
Envelope	Exterior Windows	Damage/Wearout	5%	Replace hinge hardware as needed.	11/13/2019
Finishes	Ceilings	Damage/Wearout	2%	Replace damaged ceiling tiles as needed.	11/14/2001
Finishes	Wall Finishes	Damage/Wearout	2%	Patch/repair interior wall finishes as needed.	12/8/2010
Finishes	Interior Doors/Yhard	Codes/Standards	10%	Replace door hardware with levers to comply with ADA	11/9/2016
Floor System	Floor Structure	Codes/Standards	1%	Room 3 - Investigate need for fireproofing on steel beams.	11/14/2007
Floor System	Stair Treads/Risers	Damage/Wearout	5%	Replace stair treds (stair 105).	11/13/2019
Floor System	Stair Treads/Risers	Codes/Standards	20%	Upgrade stair rails to meet current code - too short.	11/13/2019
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Repair damaged concrete at main entry exterior terrace.	11/14/2007
HVAC System	Heating	Energy Conservation	15%	Add building management system.	11/13/2013
HVAC System	Ventilating	Damage/Wearout	1%	Replace room ventilators.	11/13/2013
HVAC System	Heating	Damage/Wearout	30%	Replace piping as needed.	11/13/2019
Plumbing System	Supply	Damage/Wearout	70%	Supply piping expected useful life.	11/13/2019
Plumbing System	Waste	Damage/Wearout	70%	Waste piping expected useful life.	11/13/2019
Roof System	Covering	Damage/Wearout	1%	Monitor parapit wall roof covering on south face orientation	11/9/2016
Roof System	Covering	Damage/Wearout	50%	Replace roof covering.	11/13/2019
Roof System	Insulation	Damage/Wearout	50%	Replace roof insulation.	11/13/2019
Safety System	Egress	Codes/Standards	5%	Provide 2nd means of Egress from occupied basement spaces.	11/13/2013
Safety System	Egress	Damage/Wearout	5%	Replace panic bars at stairwell doors.	11/9/2016
Safety System	Exit/Emergency Lighti	Damage/Wearout	80%	Upgrade fire alarm system- parts on old system are obsolete and at end of life cycle	11/9/2016

Safety System	Extinguishing System	Codes/Standards	100%	Bulding needs fire suppression system.	11/9/2016

Single Family Housing-84 units

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Building Enhancements	5%	Upgrade non-grounded distribution systems. (in units 1, 3, 5, 9, and 11)	5/25/2016
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	9/25/2019
Electrical System	Distribution	Building Enhancements	5%	Install GFCI outlets.	9/25/2019
Envelope	Exterior Doors/Hatch	Damage/Wearout	40%	Replace exterior doors as needed.	7/24/2013
Envelope	Exterior Walls	Damage/Wearout	8%	Repaint exterior as needed.	5/25/2016
Envelope	Exterior Walls	Damage/Wearout	75%	Replace exterior siding and gables as needed.	9/25/2019
Envelope	Exterior Walls	Damage/Wearout	15%	Repair soffits / fascia as needed.	9/25/2019
Envelope	Exterior Windows	Damage/Wearout	90%	Replace exterior windows.	9/25/2019
Finishes	Wall Finishes	Damage/Wearout	25%	Repaint as needed.	11/16/2005
Finishes	Floor Finishes	Damage/Wearout	50%	Replace floor finish.	9/23/2009
Finishes	Ceilings	Damage/Wearout	2%	Repair damaged ceilings as needed.	9/23/2009
Finishes	Interior Doors/Yhard	Damage/Wearout	25%	Replace interior doors and hardware as needed.	7/24/2013
Finishes	Interior Wall Systems	Damage/Wearout	5%	Repair wall damage as needed.	9/25/2019
Floor System	Floor Structure	Damage/Wearout	10%	Replace floor system.	9/23/2009
Foundations	Exterior Steps/Retaini	Damage/Wearout	20%	Replace exterior stairs as needed.	7/24/2013
HVAC System	Heating	Damage/Wearout	80%	Replace heating system.	5/25/2016
HVAC System	Ventilating	Damage/Wearout	5%	Replace bathroom exhaust fans.	9/25/2019
Plumbing System	Fixtures	Damage/Wearout	15%	Replace plumbing fixtures as needed.	9/25/2019
Plumbing System	Fixtures	Damage/Wearout	5%	Replace water heaters as needed.	9/25/2019
Roof System	Covering	Damage/Wearout	30%	Roof expected useful life. Last replaced in 2010.	9/25/2019
Roof System	Insulation	Energy Conservation	100%	Add roof insulation.	9/25/2019
Specialties	Cabinets/Chalkboards	Damage/Wearout	10%	Replace obsolete cabinets. Parts to repair are no longer available.	9/25/2019
Specialties	Cabinets/Chalkboards	Damage/Wearout	5%	Replace countertops as needed.	9/25/2019

SOB Barn					
System	**Component**	**Deficiency Type**	**Def %**	**Deficinecy Description**	**Updated**
Conveying	Elevator/Lift	Codes/Standards	100%	Investigate ADA compliance throughout (conveying/egress)	7/22/2020
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	7/22/2020
Envelope	Exterior Doors/Hatch	Energy Conservation	10%	Add weather stripping.	1/23/2013
Envelope	Exterior Windows	Damage/Wearout	100%	Replace windows.	1/23/2013
Envelope	Exterior Doors/Hatch	Damage/Wearout	5%	Replace exterior door hardware.	1/23/2013
Envelope	Exterior Walls	Damage/Wearout	100%	Repair and replace exterior siding. (rotted wood)	7/22/2020
Envelope	Exterior Doors/Hatch	Damage/Wearout	50%	Repair/refinish all exterior doors.	7/22/2020
Finishes	Floor Finishes	Damage/Wearout	50%	Replace floor finishes throughout.	1/23/2013
Finishes	Wall Finishes	Damage/Wearout	50%	Refinsh walls throughout.	7/22/2020
Finishes	Ceilings	Damage/Wearout	50%	Replace ceiling tiles throughout.	7/22/2020
HVAC System	Heating	Damage/Wearout	100%	Replace heating system.	7/22/2020
Plumbing System	Fixtures	Damage/Wearout	100%	Replace obsolete fixtures with code compliant fixtures.	1/23/2013
Plumbing System	Supply	Damage/Wearout	100%	Replace supply piping.	1/23/2013
Plumbing System	Waste	Damage/Wearout	100%	Replace waste piping.	1/23/2013
Roof System	Insulation	Damage/Wearout	100%	Upgrade insulation.	7/22/2020
Roof System	Covering	Damage/Wearout	30%	Roof EUL - Last replaced in 2012. (11-0021A)	7/22/2020
Safety System	Exit/Emergency Lighti	Codes/Standards	20%	Add emergency lighting.	1/23/2013
Safety System	Exit/Emergency Lighti	Codes/Standards	30%	Add smoke detection system.	1/23/2013
Safety System	Exit/Emergency Lighti	Codes/Standards	3%	Replace non-lighted exit signs.	1/23/2013
Specialties	Signange/Directories	Building Enhancements	100%	Upgrade signage.	1/23/2013
Specialties	Toilet Partitions	Damage/Wearout	100%	Replace toilet partitions.	1/23/2013

South Hedges Hall - 320 Units					
System	**Component**	**Deficiency Type**	**Def %**	**Deficinecy Description**	**Updated**
Electrical System	Distribution	Codes/Standards	2%	UPGRADE OUTLETS TO GFI IN BATHROOMS.	1/19/2005

Electrical System	Lighting	Environmental Improve	25%	Upgrade overhead lighting in residents' rooms. There is not adequate general room lighting since the desk lamps were removed.	1/19/2005
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	10/24/2018
Envelope	Exterior Doors/Hatch	Damage/Wearout	40%	REPLACE ENTRY DOORS ON WEST SIDE (EAST SIDE DOORS REPLACED BEFORE 2011 AUDIT).	4/27/2011
Envelope	Exterior Walls	Aesthetics	3%	CLEAN STAINED AGGREGATE PANELS.	2/25/2015
Envelope	Exterior Walls	Damage/Wearout	3%	Regrout / repair masonry at East and West face. (Most of the brick was restored in 2010 historic masonry repairs.)	2/25/2015
Envelope	Exterior Windows	Damage/Wearout	100%	Replace windows.	10/24/2018
Finishes	Floor Finishes	Damage/Wearout	5%	REPLACE CARPET AS NEEDED.	1/19/2005
Finishes	Floor Finishes	Damage/Wearout	5%	PATCH AND REPAIR TERRAZZO AS NEEDED.	1/19/2005
Finishes	Interior Wall Systems	Environmental Improve	5%	Seal walls for sound between sleeping rooms.	4/23/2008
Finishes	Wall Finishes	Damage/Wearout	10%	REPAINT SURFACES AS NEEDED.	4/27/2011
Finishes	Interior Doors/Yhard	Damage/Wearout	10%	Replace worn out doors and hardware.	2/25/2015
Finishes	Ceilings	Damage/Wearout	95%	Replace ceiling tile and grid as needed.	10/24/2018
Floor System	Stair Treads/Risers	Damage/Wearout	1%	RESTORE VARIOUS DAMAGED TERRAZZO STAIR TREADS.	1/19/2005
Foundations	Footings/Foundation	Damage/Wearout	1%	Monitor leaking that occurs during irrigation season.	1/19/2005
HVAC System	Ventilating	Damage/Wearout	5%	CLEAN, REVIEW, AND FIX DRYER VENT SYSTEMS.	1/19/2005
HVAC System	Heating	Damage/Wearout	3%	REPLACE CONTROLS ON UNIT VENTILATORS IN LOUNGES.	1/19/2005
HVAC System	Heating	Damage/Wearout	7%	REPLACE CONTROLS IN BASEMENT HV UNITS.	1/19/2005
HVAC System	Heating	Damage/Wearout	1%	Repair / replace pressure regulator valve (penthouse).	1/19/2005
HVAC System	Ventilating	Environmental Improve	1%	Extend supply air to basement weight room.	4/23/2008
HVAC System	Cooling	Codes/Standards	5%	Provide cooling at computer lab.	4/23/2008
HVAC System	Heating	Damage/Wearout	40%	Replace fin tube, steam, and condescate piping (beyond life).	4/27/2011
HVAC System	Heating	Damage/Wearout	5%	HV3 steam coil is leaking and needs replacement.	10/24/2018
Plumbing System	Supply	Damage/Wearout	4%	REPLACE COMPRESSION STOPS IN BATHROOM SINKS.	1/19/2005

Plumbing System	Waste	Damage/Wearout	5%	Replace leaking pipe in lobby and laundry rooms. This would have a HIGH impacet on operations if this pipe were to fail.	10/24/2018
Plumbing System	Fixtures	Energy Conservation	10%	Replace antequated toilets/urinals and fixtures with energy efficient fixtures.	10/24/2018
Plumbing System	Supply	Damage/Wearout	1%	Monitor supply piping. Supply piping is beyond expected useful life.	10/24/2018
Roof System	Insulation	Damage/Wearout	50%	Replace roof insulation (beyond expected life).	10/24/2018
Roof System	Covering	Damage/Wearout	50%	Replace roof covering (beyond expected life).	10/24/2018
Safety System	Exit/Emergency Lighti	Damage/Wearout	5%	Replace fire / smoke detection devices in resident's rooms (beyond age, but tested on a normal basis and they still work).	1/19/2005
Specialties	Toilet Partitions	Damage/Wearout	60%	Replace toilet and shower partitions (7th and 10th floor replaced as part of ADA projects).	4/27/2011
Specialties	Cabinets/Chalkboards	Damage/Wearout	4%	Replace Mailboxes	2/25/2015
Specialties	Cabinets/Chalkboards	Building Enhancements	2%	Remove or replace chalkboards with whiteboards.	2/25/2015
Specialties	Signange/Directories	Damage/Wearout	95%	Replace with consistent room numbers.	2/25/2015
Specialties	Cabinets/Chalkboards	Damage/Wearout	50%	Replace closet doors, drawers, and hardware as needed.	10/24/2018

Stadium - East (130,155,161-5)

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Voice/Data	Codes/Standards	1%	Investigate the addition of emergency responder radio coverage throughout the entire stadium grounds (IFC 1103.2).	9/23/2020
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED when applicable.	9/23/2020
Electrical System	Lighting	Building Enhancements	5%	Add back-facing exterior lighting.	9/23/2020
Envelope	Exterior Doors/Hatch	Codes/Standards	1%	Investigate removal of bolt locks from stadium gates. (IFC 1010.1.9.5)	9/23/2020
Finishes	Interior Doors/Yhard	Codes/Standards	1%	Investigate adding concealment option for interior doors/windows and the addition of thumblock/deadlock to interior doors to mitigate impacts of harmful event.	9/23/2020
Finishes	Floor Finishes	Damage/Wearout	10%	Repaint as needed.	9/23/2020
Finishes	Floor Finishes	Building Enhancements	20%	Upgrade floor finishes at concourse level to prevent slipping.	9/23/2020
Floor System	Floor Structure	Damage/Wearout	80%	Replace east-side bleachers. (Constructed in 1973)	9/23/2020
Floor System	Stair Treads/Risers	Damage/Wearout	100%	Replace east-side bleachers. (Constructed in 1973)	9/23/2020

Foundations	Footings/Foundation	Damage/Wearout	80%	Replace east-side bleachers. (Constructed in 1973)	9/23/2020
Foundations	Exterior Steps/Retaini	Damage/Wearout	80%	Replace east-side bleachers. (Constructed in 1973)	9/23/2020
Plumbing System	Fixtures	Energy Conservation	5%	Install low-flow flush valves.	9/23/2020
Plumbing System	Supply	Building Enhancements	100%	Add water heater and piping to serve restrooms on old student side. Currently only cold water.	9/23/2020
Safety System	Extinguishing System	Codes/Standards	10%	Review sprinkler protection and extend protection to following areas: Concourse level areas (concession stands, bathrooms, etc.)	9/23/2020
Safety System	Extinguishing System	Codes/Standards	5%	Correct exiting gates that swing inward. (IBC 1010.1.2.2)	9/23/2020
Safety System	Egress	Codes/Standards	1%	Analysis of egress required for widths, occupant loads, andirection of travel is recommended (IBC Chapter 10).	9/23/2020
Safety System	Exit/Emergency Lighti	Codes/Standards	1%	Investigate upgrades to emergency exit signage, lighting, and alarms to meet IBC and campus standards. Consider the installation of non-powered photo-luminescent exit signage where signage is not visible (IBC 1013).	9/23/2020
Specialties	Fixed Seating/Risers	Damage/Wearout	100%	Replace east side bleachers (constructed in 1973).	9/23/2020
Specialties	Signange/Directories	Codes/Standards	1%	Add crisis signage at areas of potential fall locations.	9/23/2020

Stadium - South (157101/2)

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Building Enhancements	5%	Add exterior back-facing lighting.	9/23/2020
Electrical System	Voice/Data	Codes/Standards	1%	Investigate the addition of emergency responder radio coverage throughout the entire stadium grounds. (IFC 1103.2)	9/23/2020
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED when applicable.	9/23/2020
Envelope	Exterior Doors/Hatch	Codes/Standards	1%	Investigate removal of bolt locks from stadium gates. (IFC 1010.1.9.5)	9/23/2020
Finishes	Floor Finishes	Building Enhancements	20%	Upgrade concourse floor finishes to prevent slipping.	9/23/2020
Finishes	Interior Doors/Yhard	Codes/Standards	1%	Investigate adding concealment option for interior doors/windows and addition of thumblock/deadlock to interior doors to mitigate impacts of harmful event.	9/23/2020
Floor System	Stair Treads/Risers	Damage/Wearout	5%	Investigate cause of rust on south endzone beneath seating bowl along mid-level walkway and rake connection.	9/23/2020
Floor System	Floor Structure	Damage/Wearout	1%	Monitor steel angle support to precasts at south endzone.	9/23/2020

Foundations	Exterior Steps/Retaini	Damage/Wearout	10%	Remove rust and repaint all exterior metal. (The rusting stairs are starting to affect the integrity. If they get much worse in spots, then building managers may be forced into action. North side is particulary bad.	7/26/2020
Foundations	Footings/Foundation	Damage/Wearout	1%	Monitor spalling concrete at Gate 12.	9/23/2020
HVAC System	Heating	Codes/Standards	30%	Correct heater backdrafting in locker rooms and toilet rooms.	9/23/2020
HVAC System	Heating	Damage/Wearout	10%	Replace gas heat in referee locker room.	9/23/2020
Plumbing System	Fixtures	Energy Conservation	10%	Install low flow flush valves.	9/23/2020
Safety System	Extinguishing System	Codes/Standards	10%	Review sprinkler protection and extend protection to following areas: Concourse level areas (concession stands, bathrooms, lockerrooms, etc.)	9/23/2020
Safety System	Egress	Codes/Standards	1%	Review and evaluate occupancy of rooms that exceed 49 occupants which requires a second means of egress.	9/23/2020
Safety System	Egress	Codes/Standards	5%	Correct exiting gates that swing inward. (IBC 1010.1.2.2)	9/23/2020
Safety System	Egress	Codes/Standards	1%	Analysis of egress required for widths, occupant loads, and direction of travel is recommended (IBC Chapter 10).	9/23/2020
Safety System	Exit/Emergency Lighti	Codes/Standards	1%	Investigate upgrades to emergency exit signage, lighting and alarms to meet IBC and campus standards. Consider the installation of non-powered photo-luminescent exit signage where signage is not visible. (IBC 1013)	9/23/2020
Specialties	Signange/Directories	Codes/Standards	1%	Add crisis signage at areas of potential fall locations.	9/23/2020

Stadium - West (156101/2)

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Building Enhancements	50%	Upgrade distribution capabilities to skyboxes and concession areas on both sides.	9/23/2020
Electrical System	Voice/Data	Codes/Standards	1%	Investigate the addition of emergency responder radio coverage throughout the entire stadium grounds. (IFC 1103.2)	9/23/2020
Electrical System	Voice/Data	Codes/Standards	30%	Add two-way communication system (IBC 1009.8)	9/23/2020
Electrical System	Lighting	Energy Conservation	50%	Upgrade lighting to LED when applicable.	9/23/2020
Electrical System	Building Service	Building Enhancements	1%	Electrical panels are not secure at discreet locations (ex. 3rd floor restroom alcove.). Propose securing properly to ensure public cannot access.	9/23/2020

Envelope	Exterior Windows	Damage/Wearout	30%	SW windows on third floor leaks.	9/23/2020
Envelope	Exterior Doors/Hatch	Codes/Standards	75%	Upgrade exterior doors to fire-rated egress corridor doors with fire-rated glazing. (IBC716)	9/23/2020
Envelope	Exterior Walls	Damage/Wearout	30%	Correct discontinuities in exterior envelope / insulation.	9/23/2020
Envelope	Exterior Walls	Damage/Wearout	15%	Correct roofing, siding and flashing installations.	9/23/2020
Envelope	Exterior Doors/Hatch	Codes/Standards	1%	Investigate the removal of bolt locks from stadium gates. (IFC 1010.1.9.5)	9/23/2020
Finishes	Wall Finishes	Damage/Wearout	5%	Repaint finishes as needed.	10/22/2008
Finishes	Floor Finishes	Damage/Wearout	20%	Replace 3rd floor carpeting in boxes and flooring in concessions and restrooms.	10/22/2008
Finishes	Ceilings	Damage/Wearout	5%	Upgrade ceiling finishes as needed.	9/23/2020
Finishes	Floor Finishes	Damage/Wearout	5%	Upgrade floor finishes as needed.	9/23/2020
Finishes	Wall Finishes	Damage/Wearout	5%	Upgrade wall finishes as needed.	9/23/2020
Finishes	Interior Doors/Yhard	Codes/Standards	1%	Investigate adding concealment option for interior doors/windows and addition of thumblock/deadlock to inderior doors to mitigate impacts of harmful event.	9/23/2020
Finishes	Interior Wall Systems	Codes/Standards	1%	Investigate corrections to interior wall systems. Many upgrades have modified fire-rated wall assembly with non- fire-rated safety glazing.	9/23/2020
Finishes	Floor Finishes	Building Enhancements	20%	Upgrade floor finishes at concourse level to prevent slipping.	9/23/2020
Foundations	Exterior Steps/Retaini	Damage/Wearout	20%	Investigate rust on press box side between sections 103 & 105. Rust is located underneath storage areas behind concession stands.	9/23/2020
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Remove rust and repaint all exterior metal. The rusting stairs are starting to affect the integrity. If they get much worse in spots, then building managers may have to take action.	9/23/2020
HVAC System	Cooling	Environmental Improve	15%	Upgrade/Add cooling on 4th and 5th floors - addition of cooling on 4th floor will require upgrades to building electrical capacity.	9/23/2020
HVAC System	Heating	Damage/Wearout	40%	Radiant tube heaters that serve the west side3 restrooms and the exterior seating space for sky boxes are going to need replacement. Some are worse than others.	9/23/2020
HVAC System	Ventilating	Codes/Standards	5%	Install fume hood above residential stove located on fourth floor.	9/23/2020

Plumbing System	Supply	Damage/Wearout	70%	Replace electric water heater that supplies domestic hot water to west booster side.	9/23/2020
Plumbing System	Waste	Damage/Wearout	5%	Investigate condition of wate piping system on concourse level on west side.	9/23/2020
Plumbing System	Fixtures	Energy Conservation	5%	Install low-flow flush valves.	9/23/2020
Roof System	Covering	Building Enhancements	20%	Upgrade roof coverings to different walkable surface. Current pavers cause unnecessary damage to membrane, poor roof drainage, and potential future water damage.	9/23/2020
Roof System	Covering	Damage/Wearout	10%	Add/repair roof flashing at roof vents. Some are missing or damaged (IBC 1502, 1504)	9/23/2020
Safety System	Exit/Emergency Lighti	Codes/Standards	1%	Investigate upgrades to emergency exit signage, .lighting and alarms. Consider the addition of non-powered photo-luminescent exit signage where exit signage is not visible (IBC 1012)	9/23/2020
Safety System	Extinguishing System	Codes/Standards	10%	Add stand pipes to west side for manual firefighting purposes (IFC 1103.6.1)	9/23/2020
Safety System	Extinguishing System	Codes/Standards	25%	Review sprinkler protection and extend protection to the following areas: Concourse level areas (Concession stands, bathrooms, etc.)	9/23/2020
Safety System	Egress	Codes/Standards	1%	Analysis of egress required for egress widths, occupant loads, and direction of travel is recommended. (IBC Chapter 10)	9/23/2020
Safety System	Egress	Codes/Standards	1%	Review and evaluate occupancy of rooms that have exceeded 49 occupants (Ex. 5th floor center box has 48 seats plus standing room) which requires a second means of egress.	9/23/2020
Safety System	Egress	Codes/Standards	1%	Investigate railings required at roof tops. Particularly those to sloped roofs (IBC 1015.3)	9/23/2020
Safety System	Egress	Codes/Standards	5%	Correct exiting gates that swing inward. This is a code violation of IBC 1010.1.2.2	9/23/2020
Safety System	Exit/Emergency Lighti	Codes/Standards	1%	Investigate ADA upgrades to ADA ramp that accesses north patio area. Current configuration does not meet ADA standards.	9/23/2020
Specialties	Signange/Directories	Codes/Standards	1%	Add crisis signage to areas with potential fall locations.	9/23/2020
Specialties	Fixed Seating/Risers	Damage/Wearout	20%	Correct rusting of vertical members of most railings. Recommended prep & paint to avoid further damage to metoal or concrete.	9/23/2020
Specialties	Signange/Directories	Environmental Improve	1%	Investigate upgrades to building signage throughout. Ideal to provide blade signage to find trauma packs easier in event of an emergency.	9/23/2020

Story Tower - 53 Units					
System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Building Enhancements	2%	Add GFI's to kitchens and bathrooms. (required under new stds in case of renovation, but not required if not renovated because of being grandfathered into old stds)	5/27/2015
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	6/26/2019
Envelope	Exterior Doors/Hatch	Damage/Wearout	5%	Replace worn out closures on doors to porches of fire landings as needed.	5/27/2015
Envelope	Exterior Walls	Damage/Wearout	2%	Weeping brick on entire building (firescape).	5/27/2015
Envelope	Exterior Windows	Damage/Wearout	2%	REPLACE WORN OUT WINDOWS' HARDWARE.	5/27/2015
Finishes	Ceilings	Damage/Wearout	3%	SCRAPE, PATCH AND PAINT NINTH FLOOR CEILINGS IN HALLWAY.	8/6/2003
Finishes	Interior Wall Systems	Damage/Wearout	2%	Remove failing insulation and replace wall covering.	6/25/2008
Finishes	Floor Finishes	Damage/Wearout	10%	REPLACE FLOORING AS NECESSARY THROUGHOUT	1/25/2012
Finishes	Wall Finishes	Damage/Wearout	10%	PAINT INTERIOR WALLS AS NECESSARY.	5/27/2015
Finishes	Wall Finishes	Damage/Wearout	3%	Replace ceramic tile in bathrooms with tub surround as nessecary (substrate is destroyed).	5/27/2015
Finishes	Ceilings	Damage/Wearout	5%	Remove existing ceiling texture at entry lobby & hallways.	5/27/2015
Floor System	Stair Treads/Risers	Building Enhancements	2%	UPGRADE STAIR AND RAILS TO MEET CURRENT CODES.	8/6/2003
Floor System	Stair Treads/Risers	Damage/Wearout	1%	REPAIR SPALLING CONCRETE ON BALCONIES AS NEEDED.	8/6/2003
Floor System	Floor Structure	Damage/Wearout	1%	Penthouse floor cracking & leaking to ninth floor.	5/27/2015
Foundations	Exterior Steps/Retaini	Damage/Wearout	2%	Refinish and repaint railings on porches - railings are rotting.	6/26/2019
HVAC System	Heating	Damage/Wearout	10%	REPLACE HEATING COILS AND CONTROLS ON H & V UNITS.	8/6/2003
HVAC System	Heating	Damage/Wearout	2%	Replace pneumatic air tubing throughout entire building.	8/6/2003
HVAC System	Heating	Energy Conservation	3%	Insulate piping.	6/26/2019

HVAC System	Heating	Damage/Wearout	5%	Replace tube bundles in boilers.	6/26/2019
HVAC System	Ventilating	Damage/Wearout	30%	Upgrade dryer exhaust.	6/26/2019
HVAC System	Ventilating	Damage/Wearout	30%	Room ventilation - inspect and repair fire dampers, clean and repair ducts as needed.	6/26/2019
Plumbing System	Fixtures	Damage/Wearout	5%	Replace fixtures and faucets with low flow. Coordinate replacement of tub fixtures with tub surrounds and heater.	5/27/2015
Plumbing System	Supply	Damage/Wearout	70%	Replace supply piping - beyond expected useful life.	6/26/2019
Plumbing System	Fixtures	Damage/Wearout	30%	Replace hot water recirculation lines.	6/26/2019
Plumbing System	Fixtures	Damage/Wearout	20%	Replace domestic hot water tank with instantaneous. One has been replaced.	6/26/2019
Plumbing System	Waste	Damage/Wearout	70%	Replace waste piping - beyond expected useful life.	6/26/2019
Safety System	Exit/Emergency Lighti	Codes/Standards	38%	Replace and extend smoke detection in rooms. (required under new stds in case of renovation, but not required if not renovated because of being grandfathered into old stds)	5/27/2015
Safety System	Exit/Emergency Lighti	Codes/Standards	5%	Extend emergency lighting to corridors and basement.	5/27/2015
Specialties	Signange/Directories	Codes/Standards	100%	Install campus standard signage.	1/25/2012

Strand Union Building

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	15%	Install LED lighting throughout.	9/26/2018
Electrical System	Distribution	Damage/Wearout	5%	Investigate transformer and connection to building main distribution panel. Difficult to repair if there is a failure.	9/26/2018
Envelope	Exterior Walls	Damage/Wearout	1%	North wall of W addition - tuck point limestone band at windows	6/24/2009
Envelope	Exterior Windows	Damage/Wearout	2%	Recaulk / repoint N side windows.	6/24/2009
Envelope	Exterior Windows	Energy Conservation	30%	Replace and paint most windows on North side of the building (minus Procastinator) and all of the 3rd floor.	4/22/2015
Finishes	Wall Finishes	Damage/Wearout	10%	Repaint and repair as needed.	6/24/2009
Finishes	Ceilings	Damage/Wearout	5%	Replace ceiling tiles as needed.	9/26/2018
Floor System	Stair Treads/Risers	Damage/Wearout	1%	Repair chips on stairs 191S9, 195S5.	4/22/2015
Floor System	Floor Structure	Damage/Wearout	2%	Prevent water from leaking through floor (caused by pots and pans washing machines).	4/22/2015

Foundations	Footings/Foundation	Damage/Wearout	5%	Replace north entrance foundation (Damaged by snow removal).	6/24/2009
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Replace north entrance steps.	6/24/2009
Foundations	Footings/Foundation	Damage/Wearout	1%	Monitor South entrance crack in foundation	6/24/2009
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Replace steps and rails to loading dock on the East side and repair and repaint north railing.	9/26/2018
HVAC System	Ventilating	Damage/Wearout	5%	Repair / replace various VAV boxes serving rooms 266, 268, 291CO, 274, 220-236.	4/22/2015
HVAC System	Cooling	Damage/Wearout	15%	Replace failing old chillers.	4/22/2015
HVAC System	Heating	Environmental Improve	5%	Install / or replace reheat coils at VAV boxes serving rooms 266, 268, 291CO, 274, 220-236.	4/22/2015
HVAC System	Cooling	Damage/Wearout	5%	Repair / replace various VAV boxes serving rooms 266, 268, 291CO, 274, 220-236.	4/22/2015
HVAC System	Cooling	Damage/Wearout	20%	Replace both H&Vs serving bookstore.	9/26/2018
HVAC System	Cooling	Damage/Wearout	5%	Add air to serve Market Grille and Avodgrados. (struggling to stay cool).	9/26/2018
HVAC System	Heating	Damage/Wearout	15%	Replace Ballroom HVAC-5 unit (old unit that is getting close to end of its life).	9/26/2018
HVAC System	Heating	Damage/Wearout	20%	Replace both H&Vs serving bookstore.	9/26/2018
HVAC System	Heating	Damage/Wearout	6%	Replace steam piping. (Beyond expected life, even though it is not showing signs of wear).	9/26/2018
HVAC System	Ventilating	Damage/Wearout	20%	Replace both H&Vs serving bookstore.	9/26/2018
Plumbing System	Fixtures	Damage/Wearout	5%	Replace two water heaters.	4/22/2015
Plumbing System	Supply	Damage/Wearout	10%	Replace galvanized supply piping (bookstore, 152, and 156) - beyond life expectancy.	9/26/2018
Plumbing System	Fixtures	Damage/Wearout	1%	Replace plumbing fixtures in 260RR, 262 RR, 384 RR, and 386 RR (restrooms).	9/26/2018
Plumbing System	Waste	Damage/Wearout	15%	Replace piping (beyond life expectancy).	9/26/2018
Roof System	Insulation	Energy Conservation	10%	Insulate attic above 3rd floor, womens center, and 3rd floor mech.room.	6/24/2009
Roof System	Covering	Damage/Wearout	40%	Replace roof minus Ballroom A.	4/22/2015

Specialties	Signange/Directories	Building Enhancements	1%	Need building info signage.	6/24/2009

Taylor Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Codes/Standards	100%	Add conveying system.	2/9/2022
Electrical System	Distribution	Damage/Wearout	70%	UPGRADE SECONDARY DISTRIBUTION.	5/16/2006
Electrical System	Building Service	Damage/Wearout	30%	Replace obsolete MDP.	6/10/2015
Electrical System	Distribution	Damage/Wearout	2%	Replace outlets.	6/10/2015
Electrical System	Building Service	Codes/Standards	5%	Move meter outside.	6/10/2015
Electrical System	Distribution	Damage/Wearout	6%	Replace cloth wire.	6/10/2015
Electrical System	Distribution	Codes/Standards	5%	Relocate Panel B.	6/10/2015
Electrical System	Lighting	Energy Conservation	15%	Replace light fixtures with LED throughout.	2/14/2022
Envelope	Exterior Windows	Damage/Wearout	90%	Replace exterior windows with energy efficient windows.	6/10/2015
Envelope	Exterior Doors/Hatch	Damage/Wearout	100%	Replace exterior door & hardware.	2/9/2022
Envelope	Exterior Walls	Damage/Wearout	20%	Review wall structure (cacking & bulging in load bearing masonry).	2/14/2022
Envelope	Exterior Walls	Damage/Wearout	75%	Repair and repoint exterior masonary walls. (archways over windows)	2/14/2022
Envelope	Exterior Windows	Damage/Wearout	1%	Second and third floor building windows are missing screens. Screens should be replaced to avoid multiple hazards. SRM reported this Dec 2010, citing OSHA regulations.	2/14/2022
Finishes	Ceilings	Damage/Wearout	25%	Misc. repair ceilings.	6/10/2015
Finishes	Wall Finishes	Damage/Wearout	10%	Misc. painting as needed.	8/8/2018
Finishes	Interior Doors/Yhard	Codes/Standards	10%	Upgrade interior door hardware to campus standard.	2/9/2022
Finishes	Interior Wall Systems	Damage/Wearout	1%	Monitor bulging drywall in stairwell.	2/9/2022
Finishes	Floor Finishes	Damage/Wearout	5%	Replace flooring as needed.	2/9/2022
Floor System	Floor Structure	Damage/Wearout	10%	Investigate sagging ceiling on 2nd floor.	8/8/2018
Foundations	Exterior Steps/Retaini	Damage/Wearout	100%	Replace main entry steps and overhang.	5/13/2009
Foundations	Footings/Foundation	Damage/Wearout	1%	Monitor signs of building settling.	2/9/2022
Foundations	Footings/Foundation	Codes/Standards	1%	Investigate upgrades to egress.	2/9/2022

Foundations	Footings/Foundation	Damage/Wearout	98%	Repair foundation/re-point sw corner.	2/14/2022
HVAC System	Heating	Damage/Wearout	10%	Replace condensate skid.	5/13/2009
HVAC System	Heating	Damage/Wearout	20%	Replace steam condensate piping.	6/10/2015
Plumbing System	Fixtures	Damage/Wearout	100%	Replace worn/obsolete fixtures.	8/8/2018
Plumbing System	Supply	Damage/Wearout	100%	Replace galvanized domestic water supply system.	8/8/2018
Plumbing System	Waste	Damage/Wearout	100%	Replace waste piping.	8/8/2018
Roof System	Insulation	Energy Conservation	5%	Insulate attic.	8/8/2018
Roof System	Insulation	Damage/Wearout	25%	Shingle roof last replaced in 2012, no recent signs of failure.	2/9/2022
Specialties	Signange/Directories	Building Enhancements	100%	Install room and directory signage.	6/10/2015
Specialties	Cabinets/Chalkboards	Damage/Wearout	5%	Replace countertops throughout.	8/8/2018

Tietz Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Building Enhancements	25%	Upgrade electrical distribution.	8/13/2014
Electrical System	Distribution	Damage/Wearout	5%	Upgrade electrical distribution.	7/19/2021
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	7/19/2021
Envelope	Exterior Doors/Hatch	Energy Conservation	50%	Replace roll-up doors (3) with insulated type.	7/9/2008
Envelope	Exterior Walls	Damage/Wearout	1%	Investigate and clean efforescence on East wall.	8/10/2011
Finishes	Interior Doors/Yhard	Damage/Wearout	1%	Paint interior doors as required.	7/13/2005
Finishes	Floor Finishes	Damage/Wearout	5%	Refinish floor finishes as needed.	7/14/2021
Finishes	Wall Finishes	Damage/Wearout	5%	Repaint walls as needed. Provide consistent paint color in areas that were patched.	7/14/2021
Floor System	Floor Structure	Damage/Wearout	2%	Monitor slope of floors.	6/13/2018
HVAC System	Ventilating	Environmental Improve	2%	Replace electrical room exhaust fan (room 200A).	8/13/2014
HVAC System	Heating	Damage/Wearout	8%	Replace terminal unit specialities (flowsetters, etc.)	8/13/2014
HVAC System	Ventilating	Damage/Wearout	2%	Replace insulation on cage wash heat recovery unit.	8/13/2014
HVAC System	Heating	Damage/Wearout	5%	Replace hot water pumps.	7/14/2021

HVAC System	Heating	Damage/Wearout	5%	Re-enable original steam HX (provide 45PSI steam and new control valves).	7/14/2021
HVAC System	Heating	Damage/Wearout	5%	Install drip pan in HRV.	7/14/2021
Plumbing System	Supply	Damage/Wearout	1%	Replace old pumps as needed.	8/13/2014
Plumbing System	Waste	Damage/Wearout	5%	Replace aging pipe as needed.	8/13/2014
Plumbing System	Supply	Damage/Wearout	1%	Replace valves as needed.	8/13/2014
Plumbing System	Fixtures	Damage/Wearout	25%	Replace HW heater.	7/19/2021
Plumbing System	Supply	Damage/Wearout	80%	Replace old piping.	7/19/2021
Roof System	Covering	Damage/Wearout	2%	Replace coping on southwest corner.	7/13/2005
Roof System	Insulation	Damage/Wearout	100%	Replace roof insulation when covering is replaced.	7/14/2021
Roof System	Covering	Damage/Wearout	98%	The roof covering is beyond its expected life (single ply, 1985 original roof). Consider replacing it.	7/14/2021
Specialties	Signange/Directories	Codes/Standards	5%	Install standard MSU building signage.	7/13/2005
Specialties	Signange/Directories	Codes/Standards	95%	Install standard MSU room signage.	8/13/2014

Traphagen Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Damage/Wearout	5%	Upgrade Cab Interior (honeycomb acrylic ceiling).	9/8/2010
Electrical System	Building Service	Damage/Wearout	10%	Upgrade main feeders.	8/14/2013
Electrical System	Distribution	Damage/Wearout	2%	Install GFCI outlets in basement.	8/14/2013
Electrical System	Distribution	Codes/Standards	40%	Replace secondary distribution system, building wiring, etc.	8/14/2013
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	8/14/2019
Envelope	Interior Columns/Bea	Damage/Wearout	5%	INVESTIGATE COLUMNS AT STAIR AT NORTH BASEMENT (CRUMBLING SURFACES)	8/11/2004
Envelope	Exterior Walls	Damage/Wearout	1%	Re-Stucco existing vertical walls at roof.	9/8/2010
Envelope	Exterior Walls	Damage/Wearout	2%	Cement parging (sacking) at North & West wall needs to be repaired.	9/8/2010
Envelope	Exterior Windows	Building Enhancements	90%	REPLACE WINDOWS WITH HISTORICALLY ACCURATE TYPE.	9/8/2010
Envelope	Exterior Walls	Damage/Wearout	1%	Replace soffit - East side above main door rotting, sagging, and squirrels living in holes.	8/14/2013

Envelope	Exterior Walls	Damage/Wearout	2%	MASONRY POINTING AND CONCRETE BAND AT WEST SIDE.	8/14/2013
Envelope	Exterior Windows	Damage/Wearout	3%	Recaulk joint between window and walls.	8/14/2013
Envelope	Exterior Windows	Damage/Wearout	2%	Replace malfunctioning window latches as needed.	8/14/2013
Envelope	Exterior Walls	Damage/Wearout	3%	Water infiltration has damaged walls at East entry (close to roof drain). On going issue.	8/14/2013
Envelope	Exterior Walls	Damage/Wearout	2%	Remove efflorecence on brick (east side).	8/14/2019
Finishes	Interior Doors/Yhard	Aesthetics	15%	REPLACE DOORS THAT ARE NOT HISTORICALLY APPROPRIATE.	8/14/2013
Finishes	Ceilings	Damage/Wearout	10%	Replace various ceiling tiles (on going).	8/14/2019
Finishes	Wall Finishes	Damage/Wearout	10%	Repaint walls as needed.	8/14/2019
Finishes	Floor Finishes	Damage/Wearout	10%	Replace worn out carpet and tile (as needed).	8/14/2019
Finishes	Interior Doors/Yhard	Damage/Wearout	1%	Upgrade door hardware to campus standard.	8/14/2019
Floor System	Stair Treads/Risers	Codes/Standards	20%	Restore decorative infill at stair rails (gaps too big)	10/13/1994
Floor System	Stair Treads/Risers	Damage/Wearout	5%	Replace (interior) entry handrails with ADA handrails.	8/10/2016
Floor System	Stair Treads/Risers	Damage/Wearout	1%	Repair spalling stairs tha lead into basement.	8/14/2019
Foundations	Footings/Foundation	Damage/Wearout	5%	Cracking sills on West foundation wall.	8/10/2016
Foundations	Footings/Foundation	Damage/Wearout	5%	Mitigate leaking into basement.	8/10/2016
Foundations	Footings/Foundation	Damage/Wearout	5%	Regrade land around exterior of building to create positive slope and prevent water inflitration into basement.	8/14/2019
Foundations	Footings/Foundation	Damage/Wearout	10%	Monitor spalling at interior foundation wall.	8/14/2019
HVAC System	Ventilating	Codes/Standards	60%	PROVIDE VENTILATION IN BASEMENT AND VARIOUS ROOMS THROUGHOUT.	8/14/2001
HVAC System	Heating	Damage/Wearout	5%	Replace room ventilators.	8/14/2013
HVAC System	Ventilating	Damage/Wearout	15%	Provide ventilation in bathrooms throughout.	8/14/2013
HVAC System	Heating	Damage/Wearout	10%	Upgrade HVAC system for energy conservation and because it is beyond life.	8/10/2016
HVAC System	Heating	Damage/Wearout	80%	Replace worn-out steam and condensate. Due for replacement.	8/14/2019
Plumbing System	Fixtures	Damage/Wearout	95%	Replace plumbing fixtures (excludes hot water heater).	9/8/2010

Plumbing System	Supply	Damage/Wearout	90%	Replace all galvanized piping - Beyond expected useful life.	9/8/2010
Plumbing System	Supply	Building Enhancements	5%	Add circulation line.	9/8/2010
Plumbing System	Waste	Damage/Wearout	90%	Replace waste piping - Beyond expected useful life.	8/14/2013
Plumbing System	Fixtures	Damage/Wearout	1%	Upgrade to low-flow fixtures.	8/14/2019
Roof System	Covering	Damage/Wearout	3%	Replace drain over East entry.	9/8/2010
Roof System	Covering	Damage/Wearout	1%	Replace missing endcaps at West and North entry.	9/8/2010
Roof System	Structure	Damage/Wearout	5%	Investigate roof structure above East entrance (water damage / drain).	8/14/2013
Roof System	Covering	Damage/Wearout	35%	Roof expected useful life - last replaced in 1985.	8/14/2019
Roof System	Insulation	Damage/Wearout	10%	Replace roof insulation.	8/14/2019
Safety System	Extinguishing System	Codes/Standards	100%	Install fire suppression system. (firecode requires existing buildings with open stairwells to have a fire suppression system)	12/14/2016
Specialties	Signange/Directories	Damage/Wearout	5%	Install building directories. (room signage is up to date).	8/14/2013
Specialties	Toilet Partitions	Damage/Wearout	20%	Upgrade partitions.	8/14/2019

Visual Communications Building

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED throughout.	5/8/2019
Envelope	Exterior Walls	Damage/Wearout	1%	Monitor archway concrete panels that are settling.	7/10/2013
Envelope	Exterior Walls	Damage/Wearout	8%	Replace caulk at brick expansion joints and control joints.	6/8/2016
Envelope	Exterior Windows	Damage/Wearout	2%	Replace glazing where gaskets have failed (6 clearstory windows above entrance).	5/8/2019
Finishes	Floor Finishes	Damage/Wearout	1%	Replace missing base trim as needed.	7/14/2004
Finishes	Wall Finishes	Damage/Wearout	1%	REPAINT STAIR RAILINGS.	7/14/2004
Finishes	Ceilings	Damage/Wearout	5%	Replace stained and damaged tiles as needed.	6/8/2016
Finishes	Wall Finishes	Damage/Wearout	3%	Repair wall coverings.	5/8/2019
Finishes	Wall Finishes	Damage/Wearout	7%	Repaint interior walls as needed.	5/8/2019
Finishes	Floor Finishes	Damage/Wearout	4%	Replace carpet as needed.	5/8/2019
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Monitor crack in retaining wall (SE side).	6/8/2016

HVAC System	Ventilating	Damage/Wearout	6%	PROVIDE ADEQUATE VENTILATION IN CHEMICAL STORAGE ROOMS 139 & 140.	8/9/1995
HVAC System	Cooling	Damage/Wearout	1%	REPLACE EXTERIOR INSULATION ON COOLING TOWER AIR INTAKE AND EXHAUST.	7/10/2001
HVAC System	Ventilating	Codes/Standards	10%	IMPROVE VENTILATION IN PHOTO LABS	7/11/2007
HVAC System	Ventilating	Damage/Wearout	5%	Replace AHUs over studio.	7/10/2013
HVAC System	Heating	Damage/Wearout	25%	Replace heat pumps that have obsolete refridgerant.	5/8/2019
HVAC System	Cooling	Damage/Wearout	25%	Replace heat pumps that have obsolete refridgerant.	5/8/2019
Plumbing System	Supply	Damage/Wearout	3%	EVALUATE & REPAIR HOT WATER CIRC SYSTEM.	7/14/2004
Plumbing System	Fixtures	Damage/Wearout	7%	Replace sinks in Men's and Women's restrooms on 1st and second floor.	6/8/2016
Plumbing System	Supply	Damage/Wearout	70%	Monitor pipe (beyond life though it is still functioning ok).	5/8/2019
Plumbing System	Waste	Damage/Wearout	70%	Waste piping expected useful life.	5/8/2019
Plumbing System	Fixtures	Damage/Wearout	5%	Replace sinks.	5/8/2019
Roof System	Covering	Damage/Wearout	2%	Repair West roof covering (seams lifting, crack, etc)	7/10/2013
Roof System	Insulation	Damage/Wearout	75%	Replace insulation when roof is replaced.	5/8/2019
Roof System	Covering	Damage/Wearout	75%	Replace roof (beyond life).	5/8/2019
Safety System	Egress	Codes/Standards	5%	IMPROVE EGRESS FROM ROOM 138.	8/12/1992
Safety System	Extinguishing System	Codes/Standards	100%	INSTALL FIRE SUPPRESSION SYSTEM.	7/14/2004
Specialties	Signange/Directories	Codes/Standards	5%	Add building info sign.	7/10/2013
Specialties	Cabinets/Chalkboards	Damage/Wearout	10%	Replace cabinets in rooms 113-121, 135, and 138.	5/8/2019
Specialties	Signange/Directories	Codes/Standards	50%	Update and complete building signage.	5/8/2019

Wilson Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Building Enhancements	1%	Install braille sign in elevator.	6/11/2008
Conveying	Elevator/Lift	Codes/Standards	1%	Investigate elevator ADA compliance.	8/12/2020

Electrical System	Voice/Data	Damage/Wearout	5%	Upgrade patch panels feeding to basement telecom room with CAT 6 (over half of building).	7/9/2014
Electrical System	Distribution	Damage/Wearout	45%	Replace old electrical distribution panels. (Components are becoming unavailable.)	7/9/2014
Electrical System	Building Service	Damage/Wearout	70%	Replace main disconnect and main distribution panel (old and components are becoming unavailable.)	7/9/2014
Electrical System	Distribution	Building Enhancements	5%	Install new panels to provide additional space/capacity.	7/9/2014
Electrical System	Building Service	Damage/Wearout	5%	Replace generator for emergency lights with inverter.	8/12/2020
Electrical System	Lighting	Energy Conservation	15%	Install occupancy sensors throughout and upgrade lighting to LED.	8/12/2020
Envelope	Exterior Windows	Damage/Wearout	5%	Replace window hardware.	6/8/2005
Envelope	Exterior Walls	Damage/Wearout	1%	Regrout exterior walls.	7/9/2014
Envelope	Exterior Walls	Damage/Wearout	10%	Replace exterior masonry at west side "garden walls".	8/12/2020
Envelope	Exterior Walls	Damage/Wearout	1%	Replace soffits at window recesses. Damaged portion of soffit exists on upper side of balcony.	8/12/2020
Finishes	Floor Finishes	Damage/Wearout	10%	Replace damaged and worn-out floor finishes as needed.	7/15/1999
Finishes	Wall Finishes	Damage/Wearout	10%	Patch and paint interior walls as needed.	8/12/2020
Finishes	Interior Doors/Yhard	Codes/Standards	1%	Consider glazing interior doors and windows to meet modern safety standards.	8/12/2020
Finishes	Interior Doors/Yhard	Codes/Standards	50%	Upgrade interior door hardware to campus standards throughout. It is recommended that they are thumb lock / push button. Avoid hardware with key locks when possible.	8/12/2020
Finishes	Ceilings	Damage/Wearout	10%	Upgrade/replace ceiling through out.	8/12/2020
Finishes	Interior Doors/Yhard	Aesthetics	5%	Consider alternative color for interior doors. Currently red.	8/12/2020
Finishes	Floor Finishes	Aesthetics	10%	Upgrade and replace VCT to LVT in corridors throughout.	8/12/2020
Floor System	Stair Treads/Risers	Building Enhancements	15%	Upgrade stairs and railings to meet current code.	7/9/2014
Foundations	Exterior Steps/Retaini	Damage/Wearout	30%	Repair/replace all exterior retaining walls and planters.	7/13/2011
HVAC System	Heating	Damage/Wearout	2%	Replace dielectric unions in hot water heat system.	6/11/2002
HVAC System	Ventilating	Environmental Improve	10%	Increase exhaust to toilet rooms.	7/13/2011

HVAC System	Heating	Damage/Wearout	10%	Replace restricted heating coils in AHU's noted during 2011 energy project.	7/13/2011
HVAC System	Ventilating	Damage/Wearout	5%	Increase airflow for AHU-4 as noted during 2011 energy project.	7/13/2011
HVAC System	Heating	Damage/Wearout	20%	Replace heating water pipe to fan coils due to restricted flow.	7/12/2017
HVAC System	Cooling	Damage/Wearout	20%	Replice pipe to fan coils due to restricted chill water flow.	7/12/2017
Plumbing System	Supply	Damage/Wearout	5%	Replace hot water circulation return.	9/11/1996
Plumbing System	Supply	Damage/Wearout	1%	Replace gate valves as needed.	7/9/2014
Plumbing System	Fixtures	Energy Conservation	10%	Replace/Upgrade fixtures to improve water efficiency.	8/12/2020
Plumbing System	Waste	Damage/Wearout	10%	Investigate piping by scoping the waste drains.	8/12/2020
Roof System	Structure	Codes/Standards	15%	Framing does not meet code for shear NE and NW corners.	6/9/1993
Roof System	Covering	Damage/Wearout	100%	Replace roof covering and flashing.	7/9/2014
Roof System	Insulation	Damage/Wearout	100%	Replace roof insulation.	8/12/2020
Safety System	Extinguishing System	Codes/Standards	100%	Install fire sprinkler system.	9/11/1996
Safety System	Exit/Emergency Lighti	Damage/Wearout	5%	Add monitoring to fire panel.	7/9/2014
Safety System	Exit/Emergency Lighti	Building Enhancements	38%	Upgrade smoke detectors to meet modern code. (Only partial smoke detection. There is duct detection, smoke detectors at elevator landings, and pull stations. But, there is no protection in the corridors.)	7/9/2014
Specialties	Cabinets/Chalkboards	Aesthetics	3%	Replace chalkboards with whiteboards.	7/13/2011
Specialties	Signange/Directories	Building Enhancements	90%	Install standard signage and code-compliant signage.	7/13/2011
Specialties	Fixed Seating/Risers	Damage/Wearout	40%	Replace existing fixed seating in classrooms. (2 out of 4 fixed seat classrooms remain)	7/9/2014
Specialties	Signange/Directories	Codes/Standards	100%	Install ADA compliant building directory signage throughout.	8/12/2020

Wool Lab

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Damage/Wearout	15%	Replace fusebox on 2nd floor.	12/11/2013
Electrical System	Building Service	Damage/Wearout	70%	Replace service feeders and main disconnect.	12/11/2013
Electrical System	Distribution	Damage/Wearout	50%	Replace secondary wiring, devices, and panel boards.	12/14/2016

Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LEDS.	12/14/2016
Envelope	Exterior Windows	Damage/Wearout	2%	Replace damaged/worn out window hardware.	1/11/2006
Envelope	Exterior Windows	Energy Conservation	98%	Replace windows with energy efficient windows.	1/11/2006
Envelope	Exterior Walls	Damage/Wearout	5%	Replace plywood on North & South ends of the quonset.	12/10/2008
Envelope	Exterior Walls	Damage/Wearout	4%	Paint exerior on backside of building.	12/11/2013
Envelope	Exterior Doors/Hatch	Damage/Wearout	30%	Replace quonset garage door.	12/11/2013
Finishes	Ceilings	Damage/Wearout	20%	Paint and patch all ceilings.	1/16/2006
Finishes	Interior Doors/Yhard	Damage/Wearout	10%	Replace uninsulated exterior door.	12/11/2013
Finishes	Wall Finishes	Damage/Wearout	75%	Patch and paint all interior walls.	12/11/2013
Finishes	Ceilings	Damage/Wearout	20%	Replace quonset sheathing.	12/11/2013
Finishes	Interior Wall Systems	Damage/Wearout	5%	Repair wall plaster.	12/11/2013
Finishes	Floor Finishes	Damage/Wearout	100%	Re-finish wood floors (main & second floor)	12/11/2019
Floor System	Floor Structure	Damage/Wearout	5%	Investigate settling of main floor.	12/11/2013
Floor System	Stair Treads/Risers	Damage/Wearout	10%	Replace or repair worn stair treads to basement & up to 2nd floor.	12/14/2016
Foundations	Footings/Foundation	Damage/Wearout	40%	Repair foundation cracking around exterior basement wells. (North, West, South)	12/11/2013
Foundations	Exterior Steps/Retaini	Codes/Standards	15%	In fill stair rail	12/11/2013
Plumbing System	Fixtures	Damage/Wearout	50%	Upgrade / replace laboratory fixtures.	1/12/2011
Plumbing System	Supply	Damage/Wearout	2%	Install backflow preventer.	1/12/2011
Plumbing System	Supply	Damage/Wearout	60%	Replace galvanized supply piping.	12/14/2016
Plumbing System	Waste	Damage/Wearout	40%	Replace cast iron piping.	12/14/2016
Roof System	Insulation	Energy Conservation	100%	INSULATE ROOF AND ATTIC SPACES.	12/11/2013
Safety System	Exit/Emergency Lighti	Codes/Standards	5%	Install exit signage.	1/12/1994
Safety System	Extinguishing System	Codes/Standards	100%	Install Extinguishing system.	1/11/2006
Safety System	Egress	Building Enhancements	100%	Provide second means of egress.	12/10/2008
Safety System	Exit/Emergency Lighti	Codes/Standards	60%	Install fire alarms.	12/11/2013
Specialties	Signange/Directories	Building Enhancements	100%	Install Signage/Directories	12/14/2016

Yellowstone Hall

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	5%	Upgrade lighting to LED as needed.	3/24/2021
Finishes	Ceilings	Damage/Wearout	2%	Replace ceiling tile as needed	5/24/2017
Finishes	Interior Doors/Yhard	Damage/Wearout	2%	Monitor wall/door cracking in student rooms	5/24/2017
Finishes	Floor Finishes	Damage/Wearout	5%	Replace/repair ceramic tiles in ADA bathroom (Experiencing leak in 3100 bathroom due to incorrect installation).	3/24/2021
Finishes	Wall Finishes	Damage/Wearout	10%	Patch/Paint walls as needed.	3/24/2021
Finishes	Floor Finishes	Damage/Wearout	5%	Replace carpet tiles as needed.	3/24/2021
Floor System	Floor Structure	Damage/Wearout	1%	Monitor cracks in precast main stair landing	5/24/2017
HVAC System	Heating	Damage/Wearout	1%	Replace unit heater in North stairwell with higher capacity unit due to sub-freezing stairwell temperatures during cold weather and the presence of sprinkler piping.	3/24/2021
Plumbing System	Supply	Damage/Wearout	1%	Monitor shavings in supply F/Aquatherm	5/24/2017
Plumbing System	Fixtures	Damage/Wearout	5%	PEX installed incorrectly.	3/24/2021
Plumbing System	Fixtures	Damage/Wearout	10%	Toilet carriers are losening.	3/24/2021
Roof System	Covering	Damage/Wearout	20%	Roof covering EUL - EPDM original to facility (25-year lifespan).	3/24/2021
Specialties	Toilet Partitions	Damage/Wearout	1%	Replace shower seats.	3/24/2021

MONTANA STATE UNIVERSITY - NORTHERN

ADVANCED FUELS BUILDING

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Voice/Data	Damage/Wearout	10%	Improve voice/data distribution.	7/14/2009

APPLIED TECHNOLOGY CENTER

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Building Service	Codes/Standards	10%	Upgrade lighting with LED when applicable.	6/13/2019
Finishes	Wall Finishes	Damage/Wearout	5%	Interior walls - paint as needed.	6/7/2017
HVAC System	Ventilating	Energy Conservation	20%	Separate engine exhaust from exchanger.	6/11/2015
HVAC System	Heating	Damage/Wearout	10%	Commission HVAC controls	6/7/2017
HVAC System	Cooling	Damage/Wearout	10%	Commission HVAC controls	6/7/2017
Plumbing System	Fixtures	Energy Conservation	40%	Upgrade to low-flow faucets/showerheads when applicable	6/7/2017
Plumbing System	Supply	Damage/Wearout	5%	Supply piping expected useful life.	6/13/2019
Plumbing System	Waste	Damage/Wearout	5%	Waste piping expected useful life.	6/13/2019
Roof System	Covering	Damage/Wearout	8%	Repair blistering roof membraine. Mod Bit roof system installed in 2005.	6/7/2017

AUTO & DIESEL TECH-TORN DOWN

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Environmental Improve	30%	Upgrade lighting in shops.	6/26/2013
Electrical System	Distribution	Damage/Wearout	3%	Replace electrical panels in Auto Mech	6/26/2013
Envelope	Exterior Doors/Hatch	Energy Conservation	50%	Replace uninsulated overhead doors.	5/24/2007
Envelope	Exterior Walls	Damage/Wearout	15%	Replace patched exterior wood siding - West wall.	5/24/2007
Envelope	Exterior Walls	Damage/Wearout	2%	Replace / repaint soffits as required.	6/26/2013
Envelope	Exterior Walls	Damage/Wearout	1%	Repaint North side of Auto mech.	6/26/2013
Envelope	Exterior Walls	Damage/Wearout	5%	Reside & paint transmission shop.	6/26/2013
Envelope	Exterior Walls	Damage/Wearout	1%	Paint West CMU wall.	6/26/2013
Envelope	Exterior Windows	Energy Conservation	2%	Replace windows with thermal panes.	6/26/2013

Envelope	Exterior Walls	Damage/Wearout	1%	Reside and paint West side of Auto Mech.	6/26/2013
Finishes	Interior Wall Systems	Damage/Wearout	5%	West part of building patch/ repair cracked walls.	7/14/2009
Finishes	Interior Doors/Yhard	Damage/Wearout	16%	Replace all door hardware. (except Davey Lab)	7/13/2011
Finishes	Wall Finishes	Damage/Wearout	40%	Patch and paint public areas.	6/26/2013
Foundations	Exterior Steps/Retaini	Damage/Wearout	8%	Repair steps/ stoop - North entry.	7/13/2011
Foundations	Footings/Foundation	Damage/Wearout	2%	Repair / patch misc. foundation cracks.	6/26/2013
HVAC System	Heating	Damage/Wearout	25%	Replace original gas fired unit heaters.	5/24/2007
HVAC System	Ventilating	Damage/Wearout	8%	Repair exhaust systems in shops.	6/26/2013
Plumbing System	Supply	Damage/Wearout	10%	Upgrade supply line.	7/13/2011
Roof System	Insulation	Energy Conservation	60%	Insulate roof.	5/24/2007
Roof System	Covering	Damage/Wearout	13%	Repair roof-over entry @Davey lab (N side of bldg).	6/26/2013
Roof System	Structure	Damage/Wearout	15%	Replace damaged roof deck over Davey Lab.	6/11/2015
Roof System	Covering	Damage/Wearout	2%	Repair wrinkled membrane - causes water pooling, causing small leak over Room 104.	3/4/2021
Specialties	Toilet Partitions	Damage/Wearout	100%	Replace toilet partitions.	7/14/2009

BROCKMANN CENTER

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Damage/Wearout	100%	Upgrade/replace elevator (and hydro cylinder assembly)	6/26/2013
Electrical System	Distribution	Damage/Wearout	2%	Replace remaining contractors as needed	6/7/2017
Electrical System	Lighting	Energy Conservation	20%	t-8 lamps and fixtures installed in 1996--repalce w/LED when applicable	6/7/2017
Electrical System	Lighting	Energy Conservation	5%	Install occupancy sensors throughout (poor bonding).	6/7/2017
Envelope	Exterior Windows	Damage/Wearout	50%	Replace windows.	7/13/2011
Envelope	Exterior Doors/Hatch	Damage/Wearout	30%	Replace entry doors at W & S sides.	6/26/2013
Finishes	Ceilings	Damage/Wearout	5%	Replace acoustic ceilign tiles as necessary.	6/13/2019
Finishes	Ceilings	Damage/Wearout	8%	Replace/repair worn-out door cylinders and hardware.	6/13/2019
Finishes	Floor Finishes	Damage/Wearout	50%	Replace VCT/carpet as needed	6/13/2019

Floor System	Stair Treads/Risers	Damage/Wearout	3%	Repair ceramic tiles in stairwell.	6/11/2015
Foundations	Exterior Steps/Retaini	Damage/Wearout	1%	Repair ceramic tile on stairs.	6/11/2015
HVAC System	Ventilating	Damage/Wearout	5%	Recommission controls.	6/11/2015
HVAC System	Cooling	Damage/Wearout	5%	Recommission controls.	6/11/2015
HVAC System	Heating	Damage/Wearout	15%	Recommission CAV/VAV Boxes.	6/7/2017
HVAC System	Cooling	Damage/Wearout	10%	Replace chilled water pumps and actuator valves.	6/13/2019
HVAC System	Heating	Damage/Wearout	15%	Recommission controls system.	6/13/2019
HVAC System	Ventilating	Damage/Wearout	20%	Replace obsolete dust collector in carpenter shop (Has been removed).	3/15/2021
Plumbing System	Supply	Damage/Wearout	40%	REPLACE GALVANIZED COLD H2O LINE.	6/26/2013
Plumbing System	Waste	Damage/Wearout	20%	Replace 2nd floor restroom waste piping	6/7/2017
Plumbing System	Fixtures	Energy Conservation	40%	Upgrade to low-flow faucets/showerheads when applicable	6/7/2017
Safety System	Exit/Emergency Lighti	Codes/Standards	50%	Expand fire detection system.	6/26/2013
Safety System	Exit/Emergency Lighti	Codes/Standards	5%	Install emergency lighting.	6/26/2013
Safety System	Exit/Emergency Lighti	Codes/Standards	2%	Install exit lighting.	6/13/2019
Safety System	Extinguishing System	Damage/Wearout	20%	Replace piping in Fire Suppression System	3/4/2020
Specialties	Fume Hoods	Damage/Wearout	5%	Upgrade paint booth ventilation.	7/14/2009

COWAN HALL

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	20%	Replace classroom lighting w/ LED.	7/13/2011
Electrical System	Lighting	Energy Conservation	5%	Install occupancy sensors throughout.	6/6/2017
Electrical System	Distribution	Damage/Wearout	15%	Upgrade panels on 2nd & 3rd floors.	6/6/2017
Electrical System	Lighting	Damage/Wearout	5%	Replace light fixtures in corridors.	6/13/2019
Envelope	Exterior Walls	Damage/Wearout	5%	Replace water-damaged brick, North entry East wall.	5/24/2007
Envelope	Exterior Doors/Hatch	Damage/Wearout	30%	Replace North and West entry, including doors & frame.	6/26/2013
Envelope	Exterior Walls	Damage/Wearout	15%	Repoint brick work.	6/11/2015
Envelope	Exterior Walls	Damage/Wearout	5%	Repoint terra cotta coping joints.	6/6/2017

Envelope	Exterior Walls	Damage/Wearout	35%	Repair miscellaneous terra cotta.	3/15/2021
Finishes	Interior Doors/Yhard	Damage/Wearout	2%	Replace interior door hardware as needed.	7/14/2009
Finishes	Wall Finishes	Damage/Wearout	5%	Repair first floor exterior wall finishes compromised by damp foundation. (Drain system needs attention first)	6/26/2013
Finishes	Interior Doors/Yhard	Damage/Wearout	5%	Refinish interior doors as needed.	6/6/2017
Finishes	Wall Finishes	Damage/Wearout	5%	Repaint wall finishes as needed.	6/13/2019
Finishes	Floor Finishes	Damage/Wearout	3%	Repair/refinish terrazzo floors as needed.	6/13/2019
Finishes	Floor Finishes	Damage/Wearout	5%	Upgrade carpet/VCT as needed.	6/13/2019
Floor System	Stair Treads/Risers	Damage/Wearout	5%	Rebuild wood handrails (all south rails) safety concern. Most rebuilt in 2019.	6/13/2010
Foundations	Exterior Steps/Retaini	Damage/Wearout	10%	REPAIR SOUTH ENTRY STEPS.	5/24/2007
Foundations	Footings/Foundation	Damage/Wearout	50%	Provide exterior drainage system and waterproofing.	6/26/2013
HVAC System	Ventilating	Energy Conservation	5%	Insulate exterior ductwork on roof.	6/26/2013
Plumbing System	Fixtures	Damage/Wearout	1%	REPLACE DRINKING FOUNTAINS.	6/26/2013
Plumbing System	Fixtures	Energy Conservation	1%	Replace toiles & sinks.	6/11/2015
Plumbing System	Fixtures	Damage/Wearout	1%	REPLACE WORN-OUT FAUCETS AND FITTINGS.	6/11/2015
Plumbing System	Fixtures	Damage/Wearout	5%	Upgrade to low-flow faucets/showerheads when applicable.	6/13/2019
Plumbing System	Supply	Damage/Wearout	40%	REPLACE WATER SUPPLY PIPING.	6/13/2019
Plumbing System	Waste	Damage/Wearout	40%	Replace cast iron and galvanized wate piping.	6/13/2019
Roof System	Covering	Damage/Wearout	100%	Recoat roof membrane. Beyond EUL (2nd priority).	6/6/2017
Roof System	Insulation	Damage/Wearout	100%	REPLACE INSULATION.	3/15/2021
Safety System	Extinguishing System	Codes/Standards	33%	Install fire suppression system.	9/17/2001
Safety System	Exit/Emergency Lighti	Codes/Standards	5%	UPGRADE ALL EXIT SIGNS.	7/13/2011
Safety System	Exit/Emergency Lighti	Codes/Standards	5%	Install emergency lights at exits.	6/6/2017
Specialties	Signange/Directories	Building Enhancements	2%	Need directional signage on 1st and 3rd floors.	7/13/2011
Specialties	Toilet Partitions	Damage/Wearout	30%	Replace all toilet partitions.	6/6/2017

DONALDSON HALL - OFFLINE 2010

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Damage/Wearout	100%	REPLACE DISTRIBUTION SYSTEM.	5/24/2007
Electrical System	Building Service	Damage/Wearout	100%	REPLACE BUILDING SERVICE.	5/24/2007
Electrical System	Lighting	Energy Conservation	100%	Upgrade lighting to LED throughout.	6/13/2019
Envelope	Exterior Doors/Hatch	Damage/Wearout	60%	REFINISH AND REPAIR EXTERIOR DOORS.	5/24/2007
Envelope	Exterior Windows	Damage/Wearout	100%	Replace windows (damage/wear out).	6/13/2019
Finishes	Floor Finishes	Damage/Wearout	10%	REPLACE CARPET AS NEEDED ON LOWER TWO FLOORS.	5/24/2007
Finishes	Floor Finishes	Damage/Wearout	50%	REPLACE WOOD FLOORING ON UPPER 2 FLOORS.	5/24/2007
Finishes	Interior Doors/Yhard	Damage/Wearout	100%	REPLACE DOORS & HARDWARE.	5/24/2007
Finishes	Ceilings	Damage/Wearout	2%	REPLACE MISC. CEILING TILE LOWER TWO FLOORS.	5/24/2007
Finishes	Interior Wall Systems	Damage/Wearout	60%	RESTORE WALLS.	6/11/2015
Finishes	Ceilings	Damage/Wearout	60%	RESTORE CEILINGS.	6/11/2015
Finishes	Wall Finishes	Damage/Wearout	70%	Paint interior walls.	6/6/2017
Finishes	Floor Finishes	Damage/Wearout	20%	REFINISH WOOD FLOORS ON LOWER 2 FLOORS.	6/13/2019
Floor System	Floor Structure	Damage/Wearout	10%	Replace concrete floor in boiler room.	5/24/2007
Floor System	Stair Treads/Risers	Damage/Wearout	1%	Repair/ replace worn treads.	7/14/2009
Floor System	Floor Structure	Damage/Wearout	15%	Replace sleepers on floor structure where deteriorated by water damage.	6/13/2019
Foundations	Footings/Foundation	Damage/Wearout	50%	Excavate north and west wall, waterproof, provide drain tile.	6/13/2019
HVAC System	Heating	Damage/Wearout	100%	REPLACE HEATING SYSTEM.	5/24/2007
HVAC System	Cooling	Building Enhancements	100%	Add cooling.	6/11/2015
HVAC System	Ventilating	Codes/Standards	100%	Add mechanical ventilator.	6/11/2015
Plumbing System	Fixtures	Damage/Wearout	50%	Replace worn-out fixtures with energy efficient fixtures.	6/13/2019
Plumbing System	Supply	Damage/Wearout	80%	Replace supply piping (some done on second floor).	6/13/2019
Plumbing System	Waste	Damage/Wearout	90%	Replace waste piping in entire building (some done on second floor).	6/13/2019
Roof System	Covering	Damage/Wearout	5%	Repair lifting roof covering.	6/13/2019

Roof System	Covering	Damage/Wearout	10%	Replace EPDM gutters with steel around drains.	6/13/2019
Safety System	Extinguishing System	Codes/Standards	100%	Install fire suppression system and remove exterior fire escape.	6/13/2019
Safety System	Exit/Emergency Lighti	Codes/Standards	100%	Upgrade/replace exit/emergency lights and alarm system.	6/13/2019
Specialties	Signange/Directories	Codes/Standards	5%	Replace building info directory sign.	5/24/2007
Specialties	Signange/Directories	Codes/Standards	95%	Replace room directory signage all areas.	5/24/2007
Specialties	Toilet Partitions	Damage/Wearout	100%	REPLACE WORN OUT TOILET PARTIONS.	5/24/2007

ELECTRONICS BUILDING

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	2%	Install occupancy sensors throughout.	6/7/2017
Electrical System	Distribution	Damage/Wearout	100%	Replace switch gear.	6/13/2019
Electrical System	Lighting	Energy Conservation	50%	Update lighting to LED when applicable.	6/13/2019
Envelope	Exterior Walls	Damage/Wearout	5%	Clean & seal masonry stack.	5/24/2007
Envelope	Exterior Windows	Damage/Wearout	100%	Replace exterior windows and window hardware.	6/13/2019
Envelope	Exterior Doors/Hatch	Damage/Wearout	100%	REPLACE DOOR FRAMES AND DOORS - NORTH ENTRY.	6/13/2019
Finishes	Interior Doors/Yhard	Codes/Standards	20%	Replace doors (Previously: Replace doors due to vents.)	6/11/2015
Finishes	Wall Finishes	Damage/Wearout	5%	Repaint walls as necessary.	6/7/2017
Finishes	Ceilings	Damage/Wearout	10%	Repaint ceilings as necessary.	6/7/2017
Finishes	Floor Finishes	Damage/Wearout	20%	Repair ceramic tile on 2nd floor and lower East lobby entry foyer.	6/13/2019
Finishes	Floor Finishes	Damage/Wearout	20%	Replace carpet and VCT.	6/13/2019
Foundations	Footings/Foundation	Damage/Wearout	20%	Repair and mitigate grought H2O in tunnel - S&SW sides	6/7/2017
HVAC System	Heating	Damage/Wearout	100%	Replace unit ventilators to provide heat.	6/13/2019
HVAC System	Ventilating	Damage/Wearout	100%	Replace unit ventilators to provide ventilation.	6/13/2019
Plumbing System	Fixtures	Damage/Wearout	30%	Upgrade worn-out fixtures to low-flow faucets/showerheads when applicable.	6/7/2017
Plumbing System	Supply	Damage/Wearout	20%	Supply piping expected useful life.	6/13/2019
Plumbing System	Waste	Damage/Wearout	80%	Waste piping expected useful life.	6/13/2019
Safety System	Extinguishing System	Codes/Standards	100%	Install fire suppression system.	9/19/2001

Safety System	Exit/Emergency Lighti	Damage/Wearout	80%	Upgrade/replace exit/emergency lighting/alarms.	3/15/2021
Specialties	Toilet Partitions	Damage/Wearout	100%	REPLACE PARTITIONS.	5/24/2007
Specialties	Signange/Directories	Building Enhancements	5%	Install directional signage.	5/24/2007
Specialties	Signange/Directories	Building Enhancements	5%	Install directory.	7/13/2011

FARM MECHANICS

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	5%	Install occupancy sensors throughout	6/7/2017
Electrical System	Lighting	Energy Conservation	10%	Upgrade lighting to LED when applicable.	3/16/2021
Envelope	Exterior Doors/Hatch	Damage/Wearout	10%	Replace exterior doors.	6/13/2019
Finishes	Wall Finishes	Damage/Wearout	50%	Repaint interior wall finishes as needed.	6/13/2019
HVAC System	Heating	Damage/Wearout	20%	Replace remaining ignitors & shields for radiant heaters. Update 60k btu	6/11/2015
Plumbing System	Waste	Codes/Standards	20%	Upgrade oil/water separator on drainage system in front of restroom.	3/16/2021
Roof System	Covering	Damage/Wearout	50%	1/2 of roof reshingled 2004, but 1/2 needs replacement.	6/11/2015
Roof System	Structure	Damage/Wearout	15%	Sheathing buckling investigation in process - summer 17'	6/7/2017
Safety System	Extinguishing System	Codes/Standards	100%	Install fire suppression system.	9/19/2001
Safety System	Exit/Emergency Lighti	Damage/Wearout	100%	Replace/upgrade fire alarm and detection system.	6/11/2015

FOOD SERVICE

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	5%	Install occupancy sensors throughout	6/7/2017
Electrical System	Lighting	Energy Conservation	20%	t-8 lamps and fixtures installed in 1996 - replace w/LED when applicable	6/7/2017
Electrical System	Distribution	Damage/Wearout	40%	Upgrade electrical panels.	6/13/2019
Envelope	Exterior Doors/Hatch	Damage/Wearout	25%	Replace exit doors at West entry.	6/7/2017
Envelope	Exterior Windows	Damage/Wearout	100%	Replace single pane windows	6/13/2019
Finishes	Interior Wall Systems	Damage/Wearout	50%	Patch & grout	6/7/2017
Finishes	Ceilings	Damage/Wearout	25%	Replace ceiling tile	6/7/2017

Finishes	Floor Finishes	Damage/Wearout	50%	Replace floor tile (VCT & Ceramic)	6/13/2019
Finishes	Ceilings	Damage/Wearout	20%	Replace interior doors/hardware.	6/13/2019
Foundations	Footings/Foundation	Damage/Wearout	15%	North side foundation leak	6/7/2017
Foundations	Exterior Steps/Retaini	Damage/Wearout	5%	Back dock top step crack NE corner DONE 2019	6/7/2017
Foundations	Footings/Foundation	Damage/Wearout	20%	Investigate settling foundation at east side breasway and dining.	6/13/2019
HVAC System	Ventilating	Damage/Wearout	25%	Replace small grill hoods	6/7/2017
Plumbing System	Fixtures	Energy Conservation	40%	upgrade to low flow faucets when applicable	6/7/2017
Plumbing System	Supply	Damage/Wearout	50%	Replace supply piping	6/7/2017
Plumbing System	Waste	Damage/Wearout	85%	Replace waste piping. Installed new grease trap piping in 2018.	3/16/2021
Roof System	Covering	Damage/Wearout	100%	Replace roof covering	6/7/2017
Roof System	Structure	Damage/Wearout	60%	Replace roof structure (glue laminate and decking).	6/7/2017
Roof System	Insulation	Damage/Wearout	100%	Replace roof insulation.	6/13/2019
Safety System	Egress	Codes/Standards	20%	Upgrade ADA (bathrooms and entries).	6/7/2017
Safety System	Exit/Emergency Lighti	Codes/Standards	20%	Upgrade exit emergency lighting.	6/13/2019
Specialties	Signange/Directories	Building Enhancements	100%	Install signage	6/7/2017
Specialties	Toilet Partitions	Damage/Wearout	100%	Replace toilet partitions	6/7/2017

GYMNASIUM

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	25%	Replace lighting with LED and install occupancy sensors.	6/13/2019
Electrical System	Distribution	Damage/Wearout	40%	REPLACE OBSOLETE PANELS.	3/16/2021
Envelope	Exterior Walls	Damage/Wearout	15%	Repoint walls as needed. (North wall of gymnasium)	6/7/2017
Envelope	Exterior Windows	Damage/Wearout	60%	Replace window hardware and frames.	6/13/2019
Envelope	Exterior Walls	Damage/Wearout	20%	Repair/replace structural members at north wall.	6/13/2019
Envelope	Exterior Walls	Damage/Wearout	20%	Prep and paint siding as needed.	6/13/2019
Envelope	Exterior Doors/Hatch	Damage/Wearout	10%	Replace exterior doors as needed.	3/16/2021
Finishes	Interior Doors/Yhard	Damage/Wearout	30%	Replace interior doors and hardware as needed.	3/16/2021

Finishes	Wall Finishes	Damage/Wearout	20%	Repaint walls as needed.	3/16/2021
Floor System	Floor Structure	Damage/Wearout	20%	Replace flooring as needed.	3/4/2021
Floor System	Floor Structure	Damage/Wearout	20%	Replace flooring	3/4/2021
Foundations	Footings/Foundation	Damage/Wearout	20%	Improve site drainage away from the building.	7/14/2009
HVAC System	Cooling	Building Enhancements	10%	Install chiller and remove window ac units.	6/13/2019
HVAC System	Heating	Damage/Wearout	90%	Replace heating system (including coils, piping, pneumatic controls, steam piping, radiators, controls etc.)	3/16/2021
HVAC System	Ventilating	Damage/Wearout	90%	Replace ventilating system. (Includes expanding ventilation into interior areas, replacing ventilation in team locker room area and exhaust system in shower area).	3/16/2021
Plumbing System	Fixtures	Energy Conservation	40%	Upgrade to low-flow faucets/showerheads when applicable.	6/7/2017
Plumbing System	Fixtures	Damage/Wearout	60%	REPLACE OBSOLETE FIXTURES.	6/13/2019
Plumbing System	Waste	Damage/Wearout	75%	REPAIR/REPLACE BLOCKED WASTE PIPING.	3/16/2021
Plumbing System	Supply	Damage/Wearout	75%	Supply piping reaching end of EUL.	3/16/2021
Roof System	Covering	Damage/Wearout	80%	Recoat roof membrane. Past EUL (recoated in 2003 - original is over 25 years old)	3/16/2021
Roof System	Insulation	Damage/Wearout	20%	Needs new roof insulation	3/16/2021
Safety System	Extinguishing System	Codes/Standards	100%	Install fire suppression system.	5/24/2007
Safety System	Exit/Emergency Lighti	Damage/Wearout	80%	Replace fire detection and alarm system.	6/13/2019
Safety System	Egress	Codes/Standards	10%	EXPAND EXIT SIGNS.	3/16/2021
Safety System	Exit/Emergency Lighti	Codes/Standards	15%	EXPAND EMERGENCY LIGHTING.	3/16/2021
Specialties	Signange/Directories	Building Enhancements	5%	Install building directory.	6/26/2013
Specialties	Signange/Directories	Codes/Standards	90%	Install room signage.	6/7/2017
Specialties	Toilet Partitions	Damage/Wearout	80%	Replace toilet partitions.	3/16/2021

HAGENER SCIENCE CENTER

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Voice/Data	Building Enhancements	10%	Install voice/ data system in remainder of building.	7/14/2009
Electrical System	Distribution	Codes/Standards	4%	RELOCATE OUTLETS AT LAB SINKS AWAY FROM GAS.	7/13/2011

Electrical System	Distribution	Damage/Wearout	20%	Repair service feed.	6/13/2019
Electrical System	Lighting	Energy Conservation	40%	Upgrade lighting to LED and install ocupancy sensors throughout.	3/16/2021
Envelope	Exterior Windows	Damage/Wearout	100%	REPLACE EXTERIOR WINDOWS WITH THERMAL PANES.	12/28/1994
Envelope	Exterior Walls	Damage/Wearout	1%	Replace air handler intake to prevent water penetration.	6/11/2015
Envelope	Exterior Doors/Hatch	Damage/Wearout	100%	Replace exterior doors and misaligned frames.	6/13/2019
Finishes	Floor Finishes	Damage/Wearout	2%	REPAIR TERRAZZO CRACKS.	7/13/2011
Finishes	Floor Finishes	Damage/Wearout	2%	Replace VCT in classrooms.	6/13/2019
Finishes	Floor Finishes	Damage/Wearout	2%	Replace carpet in Room 203.	6/13/2019
Finishes	Interior Doors/Yhard	Damage/Wearout	5%	Repair/replace door hardware as needed.	6/13/2019
Finishes	Wall Finishes	Damage/Wearout	5%	Paint all interior walls.	3/16/2021
Floor System	Stair Treads/Risers	Codes/Standards	5%	Replace stairs in mech room to provide clearance to electrical equipment (Fire Marshall).	6/13/2019
Foundations	Footings/Foundation	Damage/Wearout	50%	Provide exterior drainage system and waterproofing to prevent water infiltration.	6/26/2013
Foundations	Exterior Steps/Retaini	Damage/Wearout	2%	Replace retaining wall	6/13/2019
HVAC System	Cooling	Damage/Wearout	50%	Replace HVAC system (original)	6/7/2017
HVAC System	Ventilating	Damage/Wearout	100%	Replace HVAC system (original ducts)	6/13/2019
HVAC System	Heating	Damage/Wearout	100%	Replace HVAC system (original piping done in 2011)	6/13/2019
Plumbing System	Supply	Codes/Standards	10%	PROVIDE BACKFLOW PROTECTION ON LAB WATER SUPPLY.	5/24/2007
Plumbing System	Waste	Damage/Wearout	50%	Replace waste piping (cast iron & galvanized is original piping).	6/13/2019
Plumbing System	Fixtures	Energy Conservation	15%	Replace fixtures in restrooms and labs with low flow fixtures.	6/13/2019
Plumbing System	Supply	Damage/Wearout	25%	REPLACE COLD WATER LINE.	6/13/2019
Plumbing System	Fixtures	Energy Conservation	60%	Replace fixtures in restrooms and labs with low flow fixtures.	3/16/2021
Roof System	Covering	Building Enhancements	1%	Provide roof walkpads to motors to protect roof covering.(ARA funded new roof in 2011-2012)	6/26/2013
Roof System	Covering	Damage/Wearout	1%	Roof covering last replaced in 2012. EPDM	3/16/2021
Safety System	Egress	Codes/Standards	5%	Install fall protection around lab exhaust #1 on roof.	6/26/2013

Safety System	Extinguishing System	Codes/Standards	100%	INSTALL FIRE SUPPRESSION SYSTEM.	6/26/2013
Safety System	Exit/Emergency Lighti	Codes/Standards	25%	INSTALL EMERGENCY LIGHTING.	6/11/2015
Safety System	Exit/Emergency Lighti	Energy Conservation	20%	Upgrade exit lights to LED type.	3/16/2021
Safety System	Exit/Emergency Lighti	Codes/Standards	10%	Install smoke detecthion system.	3/16/2021
Specialties	Signange/Directories	Building Enhancements	95%	Install accesible room and directional signage.	5/24/2007
Specialties	Signange/Directories	Building Enhancements	5%	Install directory.	6/26/2013
Specialties	Fixed Seating/Risers	Aesthetics	100%	Replace fixed seating. (Room 101)	6/7/2017
Specialties	Cabinets/Chalkboards	Damage/Wearout	8%	Replace damaged cabinets/counters in the instructional labs.	3/16/2021

MACKENZIE HALL

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Damage/Wearout	60%	Replace distribution panels	6/7/2017
Electrical System	Lighting	Energy Conservation	25%	Upgrade lighting to LED throughout and install occupancy sensors in computer lab and restrooms.	6/13/2019
Envelope	Exterior Walls	Damage/Wearout	10%	2 Fissures repair	6/7/2017
Envelope	Exterior Windows	Damage/Wearout	100%	Replace windows	6/7/2017
Envelope	Exterior Doors/Hatch	Damage/Wearout	25%	Replace doors.	3/16/2021
Finishes	Interior Doors/Yhard	Damage/Wearout	25%	Replace fire doors.	6/13/2019
Finishes	Wall Finishes	Damage/Wearout	30%	Repaint walls as needed.	6/13/2019
Finishes	Interior Wall Systems	Damage/Wearout	10%	Painting.	6/13/2019
Finishes	Ceilings	Damage/Wearout	10%	Paint as needed.	6/13/2019
Finishes	Floor Finishes	Damage/Wearout	10%	Replace carpet and VCT as needed. Lobby floor replaced in 2019.	3/16/2021
Floor System	Floor Structure	Damage/Wearout	1%	Monitor cracks under floor covering (outside kitchen area).	6/13/2019
HVAC System	Heating	Damage/Wearout	100%	Replace boiler.	6/13/2019
HVAC System	Ventilating	Damage/Wearout	100%	Replace AHU and dryer exhaust.	6/13/2019
Plumbing System	Supply	Damage/Wearout	50%	Replace supply piping	6/7/2017
Plumbing System	Fixtures	Energy Conservation	50%	Upgrade to low-flow faucets/showerheads when applicable	6/13/2019
Plumbing System	Fixtures	Damage/Wearout	50%	Replace fixtures	6/13/2019

Plumbing System	Waste	Damage/Wearout	100%	Replace waste piping.	6/13/2019
Roof System	Covering	Damage/Wearout	100%	Replace roof covering - past expected useful life.	6/13/2019
Roof System	Insulation	Damage/Wearout	100%	Replace roof insulation - past expected useful life	6/13/2019
Roof System	Structure	Damage/Wearout	30%	Repair roof structure (roof currently leaks). Membrane was lifted in 2021 wind storm.	3/16/2021
Safety System	Exit/Emergency Lighti	Codes/Standards	100%	Install Alarms ($376,000 estimate)	6/7/2017
Safety System	Extinguishing System	Codes/Standards	100%	Install sprinklers	6/7/2017
Specialties	Signange/Directories	Building Enhancements	10%	Install signage directories.	6/7/2017
Specialties	Toilet Partitions	Damage/Wearout	40%	Replace toilet partitions.	6/13/2019

METALS TECHNOLOGY

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Voice/Data	Damage/Wearout	5%	Improve voice/ data system.	7/14/2009
Electrical System	Building Service	Damage/Wearout	40%	Replace obsolete panels. Additional capacity needed.	6/26/2013
Electrical System	Distribution	Damage/Wearout	85%	Relocate and replace branch panel by MDP to provide proper access.	6/13/2019
Electrical System	Lighting	Energy Conservation	5%	Upgrade lighting to LED and install occupancy sensors throughout.	6/13/2019
Envelope	Exterior Windows	Energy Conservation	100%	Replace window units.	9/19/2001
Envelope	Exterior Doors/Hatch	Damage/Wearout	10%	Replace exterior mandoors (1 already replaced)	3/16/2021
Finishes	Interior Wall Systems	Damage/Wearout	50%	Replace interior doors & hardware	6/7/2017
Finishes	Ceilings	Damage/Wearout	30%	Paint ceiling as required.	3/16/2021
Finishes	Wall Finishes	Damage/Wearout	25%	Repaint walls	3/16/2021
Floor System	Floor Structure	Damage/Wearout	75%	Repair slab in welding lab.	6/13/2019
Plumbing System	Fixtures	Damage/Wearout	10%	Replace all sinks.	6/11/2015
Plumbing System	Fixtures	Energy Conservation	10%	Upgrade to low-flow faucets when applicable.	6/13/2019
Plumbing System	Waste	Damage/Wearout	100%	Replace waste piping in West shop.	6/13/2019
Plumbing System	Supply	Damage/Wearout	40%	Replace supply piping (EUL.	3/16/2021
Roof System	Insulation	Energy Conservation	100%	Add insulation.	6/13/2019
Roof System	Covering	Damage/Wearout	100%	Replace roof membrane.	3/16/2021

Safety System	Exit/Emergency Lighti	Codes/Standards	5%	INSTALL EMERGENCY LIGHTING.	6/11/2015
Safety System	Exit/Emergency Lighti	Codes/Standards	5%	Improve egress / add panic bars.	6/13/2019
Specialties	Signange/Directories	Building Enhancements	95%	Install signage.	5/24/2007
Specialties	Signange/Directories	Building Enhancements	5%	INSTALL DIRECTORY.	5/24/2007

MORGAN HALL

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	20%	t-8 lamps and fixtures installed in 1996--replace w/LED when applicable.	6/7/2017
Electrical System	Distribution	Damage/Wearout	100%	Upgrade distribution panels.	6/7/2017
Electrical System	Lighting	Energy Conservation	5%	Install occupancy sensors throughout.	6/7/2017
Envelope	Exterior Windows	Damage/Wearout	100%	Replace windows (Note: LeAd painT/Asbestos).	6/7/2017
Envelope	Exterior Doors/Hatch	Damage/Wearout	15%	Replace doors (Note: Lead paint/Asbestos).	6/13/2019
Finishes	Ceilings	Damage/Wearout	75%	Replace cellulose tiles	6/7/2017
Finishes	Wall Finishes	Damage/Wearout	10%	Repaint interior wall finishes.	6/13/2019
Finishes	Interior Doors/Yhard	Damage/Wearout	75%	Replace interior doors/ hardware.	6/13/2019
Finishes	Floor Finishes	Damage/Wearout	50%	Replace floor finishes	3/16/2021
Foundations	Footings/Foundation	Damage/Wearout	25%	Repair fissures in boiler room.	6/7/2017
HVAC System	Heating	Damage/Wearout	100%	Replace boilers - Last replaced in 1993.	6/7/2017
HVAC System	Ventilating	Building Enhancements	100%	Install ventilation system throughout.	6/13/2019
HVAC System	Cooling	Building Enhancements	100%	Install cooling system throughout.	6/13/2019
Plumbing System	Fixtures	Energy Conservation	20%	Upgrade to low flow faucets/showerhead when applicable.	6/13/2019
Plumbing System	Waste	Damage/Wearout	70%	Replace waste piping.	6/13/2019
Plumbing System	Fixtures	Damage/Wearout	20%	Replace fixtures.	6/13/2019
Plumbing System	Supply	Damage/Wearout	50%	Replace supply piping.	6/13/2019
Roof System	Insulation	Damage/Wearout	50%	Replace S. insulation.	6/7/2017
Roof System	Covering	Damage/Wearout	60%	Replace North and South roof EPDM (East and South wings replaced in 2004). East wing re-roofed in 2004.	6/13/2019

Safety System	Extinguishing System	Codes/Standards	100%	Install sprinkler system.	6/7/2017
Safety System	Exit/Emergency Lighti	Damage/Wearout	100%	Replace panel and alarm system.	6/13/2019
Specialties	Signange/Directories	Damage/Wearout	20%	Replace/Install directories.	6/13/2019

PERSHING HALL

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Voice/Data	Damage/Wearout	5%	Upgrade voice/ data systems.	7/14/2009
Electrical System	Distribution	Damage/Wearout	60%	REPAIR AND REPLACE SECONDARY DISTRIBUTION SYSTEM.	6/11/2015
Electrical System	Lighting	Energy Conservation	80%	Replace obsolete fixtures and upgrade lighting to LED. Install occupancy sensors throuhout.	6/13/2019
Envelope	Exterior Doors/Hatch	Damage/Wearout	1%	Replace safety railing at fire escape room 202.	6/26/2013
Envelope	Exterior Walls	Damage/Wearout	25%	SEAL BRICK ON THE ENTIRE EXTERIOR WALLS.	6/11/2015
Envelope	Interior Columns/Bea	Damage/Wearout	5%	Repair roof strut and framing second floor, room 204.	6/13/2019
Finishes	Interior Doors/Yhard	Damage/Wearout	50%	REPLACE INTERIOR DOORS.	5/24/2007
Finishes	Wall Finishes	Damage/Wearout	20%	Repair & paint miscellaneous interior walls.	7/14/2009
Finishes	Floor Finishes	Damage/Wearout	75%	Replace missing and broken tile and abate.	6/13/2019
Finishes	Ceilings	Damage/Wearout	20%	Patch and paint misc. ceilings.	6/13/2019
Finishes	Interior Doors/Yhard	Damage/Wearout	20%	Replace worn-out door hardware	6/13/2019
Floor System	Floor Structure	Damage/Wearout	2%	Repair sub floor & flooor covering in room 202.	7/13/2011
Floor System	Stair Treads/Risers	Codes/Standards	20%	UPGRADE HANDRAILS & GUARDRAILS TO MEET CODES.	6/26/2013
Floor System	Floor Structure	Damage/Wearout	50%	REPLACE PLYWOOD SUBFLOOR ON 2ND & 3RD FLOORS.	6/13/2019
Foundations	Exterior Steps/Retaini	Damage/Wearout	60%	REPLACE RUSTED FIRE ESCAPE & MAKE SECURE.	6/13/2019
Foundations	Footings/Foundation	Damage/Wearout	10%	Repair settlement on East side walkway.	6/13/2019
HVAC System	Heating	Damage/Wearout	15%	Boilers approaching expected useful life (Installed in 2005).	3/16/2021
Plumbing System	Waste	Damage/Wearout	60%	Replace smaller galvanized and cast iron waste piping.	6/13/2019
Plumbing System	Fixtures	Damage/Wearout	80%	Replace and upgrade faucets/showerheads when applicable. Repair sinks.	3/16/2021
Plumbing System	Supply	Damage/Wearout	60%	Replace supply piping as needed.	3/16/2021

Roof System	Insulation	Energy Conservation	60%	INSULATE ROOF, FLAT ROOF.	9/20/2001
Roof System	Covering	Damage/Wearout	90%	Replace entire roof covering.	5/24/2007
Roof System	Covering	Damage/Wearout	10%	Caulk / repair cracked exterior siding @ W Clerestory.	7/13/2011
Safety System	Extinguishing System	Codes/Standards	100%	Install fire suppression system.	5/24/2007
Safety System	Egress	Codes/Standards	10%	Improve inadaquate Egress.	7/14/2009
Safety System	Exit/Emergency Lighti	Damage/Wearout	100%	Replace fire lighting, alarm, and detection system.	6/13/2019
Specialties	Toilet Partitions	Damage/Wearout	100%	REPLACE TOILET PARTITIONS.	5/24/2007
Specialties	Signange/Directories	Building Enhancements	95%	Provide wayfinding signage.	7/13/2011
Specialties	Signange/Directories	Building Enhancements	5%	Install directory.	7/13/2011
Specialties	Cabinets/Chalkboards	Damage/Wearout	20%	Replace remaining chalkboards with whiteboards	3/16/2021

PHYSICAL PLANT -HVR

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Damage/Wearout	50%	Upgrade 1967 obsolete panel.	6/13/2019
Electrical System	Lighting	Energy Conservation	15%	Upgrade lighting to LED and install occupancy sensors throughout.	3/16/2021
Envelope	Exterior Walls	Energy Conservation	5%	No insulation at exterior walls.	7/15/2009
Envelope	Exterior Walls	Damage/Wearout	5%	Reseal soffit and repaint beam ends.	6/13/2019
Finishes	Interior Doors/Yhard	Damage/Wearout	2%	Replace pocket doors.	5/15/2003
Finishes	Wall Finishes	Damage/Wearout	15%	Repaint as needed.	6/13/2019
Finishes	Floor Finishes	Damage/Wearout	10%	Replace VCT.	3/16/2021
Floor System	Stair Treads/Risers	Damage/Wearout	3%	Replace wooden treads.	6/11/2015
HVAC System	Ventilating	Damage/Wearout	25%	Replace exhaust in mechanics shop.	7/14/2009
HVAC System	Heating	Damage/Wearout	10%	Heating system last replaced in 2011.	6/13/2019
Plumbing System	Fixtures	Damage/Wearout	30%	Upgrade to low-flow faucets when applicable.	6/13/2019
Plumbing System	Waste	Damage/Wearout	15%	Upgrade waste piping in shop.	3/4/2021
Roof System	Insulation	Energy Conservation	100%	Replace insulation.	6/26/2013
Roof System	Covering	Damage/Wearout	100%	Replace single membrane roof covering.	3/16/2021

Safety System	Exit/Emergency Lighti	Damage/Wearout	3%	Replace exit lights.	6/26/2013
Safety System	Exit/Emergency Lighti	Codes/Standards	20%	Install emergency lighting.	6/13/2019
Safety System	Extinguishing System	Codes/Standards	80%	Install fire suppression system in the rest of building.	6/13/2019
Safety System	Exit/Emergency Lighti	Damage/Wearout	65%	Replace fire detection and fire alarm panel.	6/13/2019
Safety System	Extinguishing System	Damage/Wearout	20%	Upgrade fire suppression sytem in the grounds shop.	6/13/2019

STUDENT FAMILY HOUSING

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Lighting	Energy Conservation	20%	Upgrade lighting to LED and install occupancy sensors throughout.	6/13/2019
Electrical System	Distribution	Damage/Wearout	100%	Replace electrical distribution panel. Need more capacity ($250k estimate made 2018).	3/16/2021
Envelope	Exterior Windows	Damage/Wearout	60%	Replace windows	3/16/2021
Envelope	Exterior Walls	Damage/Wearout	50%	Replace siding.	3/16/2021
Envelope	Exterior Doors/Hatch	Damage/Wearout	75%	Replace exterior doors/hardware.	3/16/2021
Finishes	Floor Finishes	Damage/Wearout	30%	Replace floor finishes as needed.	6/13/2019
Finishes	Interior Wall Systems	Damage/Wearout	20%	Upgrade counters/cabinets as needed.	3/16/2021
Finishes	Wall Finishes	Damage/Wearout	25%	Repaint interior wall finishes as needed.	3/16/2021
Floor System	Floor Structure	Damage/Wearout	35%	Replace wood floor sub-structure.	3/16/2021
HVAC System	Heating	Damage/Wearout	100%	Replace boilers (last replaced in 2003). Replace circulation pumps. Replace main building controls.	6/7/2017
Plumbing System	Fixtures	Damage/Wearout	30%	Upgrade to low-flow faucets/showerheads when applicable.	6/13/2019
Plumbing System	Supply	Damage/Wearout	60%	Replace supply piping	6/13/2019
Plumbing System	Waste	Damage/Wearout	60%	Replace waste piping	6/13/2019
Roof System	Covering	Damage/Wearout	30%	EPDM membrane last replaced in 2004. Address penetration at vents.	3/16/2021

STUDENT UNION

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Electrical System	Distribution	Damage/Wearout	100%	Replace electrical distribution panels.	6/13/2019
Electrical System	Lighting	Energy Conservation	40%	Upgrade lighting to LED and install occupancy sensors.	3/16/2021

Envelope	Exterior Walls	Damage/Wearout	20%	Monitor settling cracks on E. side of ballroom.	6/7/2017
Envelope	Exterior Windows	Damage/Wearout	100%	Replace windows	6/7/2017
Envelope	Exterior Doors/Hatch	Damage/Wearout	20%	Replace exterior doors.	6/13/2019
Finishes	Interior Doors/Yhard	Damage/Wearout	15%	Replace interior doors.	6/13/2019
Finishes	Floor Finishes	Damage/Wearout	20%	Replace flooring in ballroom.	6/13/2019
Finishes	Wall Finishes	Damage/Wearout	10%	Repaint interior wall finishes.	6/13/2019
Finishes	Ceilings	Damage/Wearout	20%	Replace ceiling tiles (main lobby and bowling alley).	3/16/2021
HVAC System	Heating	Damage/Wearout	50%	Replace air handlers and hydronic piping	6/7/2017
Plumbing System	Fixtures	Damage/Wearout	50%	Replace fixtures with low flow.	6/13/2019
Plumbing System	Supply	Damage/Wearout	40%	Replace supply piping	6/13/2019
Plumbing System	Waste	Damage/Wearout	40%	Replace waste piping.	3/16/2021
Roof System	Structure	Damage/Wearout	20%	Replace sheathing over ballroom	3/16/2021
Roof System	Covering	Damage/Wearout	50%	Replace roof (3rd floor and bookstore). Roof above ballroom was replaced in 2010. EPDM	3/16/2021
Safety System	Extinguishing System	Codes/Standards	35%	Extend/upgrade extinguishing system. Basement upgrade in 2019.	3/16/2021
Safety System	Exit/Emergency Lighti	Damage/Wearout	50%	Upgrade emergency lighting and alarms. Fire Alarm Panel put in 2019.	3/16/2021
Specialties	Toilet Partitions	Damage/Wearout	90%	Replace toilet partitions.	6/13/2019
Specialties	Signange/Directories	Damage/Wearout	20%	Replace directories	3/16/2021

VANDEBOGART LIBRARY

System	Component	Deficiency Type	Def %	Deficinecy Description	Updated
Conveying	Elevator/Lift	Damage/Wearout	60%	Upgrade elevator. New piston and sleeve needed.	3/16/2021
Electrical System	Lighting	Damage/Wearout	40%	Upgrade lighting to LED when applicable, install occupancy sensors throughout, and replace lighting contactors.	6/13/2019
Electrical System	Distribution	Damage/Wearout	30%	Upgrade obsolete distribution panel (1982). Need more capacity.	3/16/2021
Envelope	Exterior Windows	Damage/Wearout	5%	Replace South window seals	7/14/2009
Envelope	Exterior Walls	Damage/Wearout	2%	Provide coping at top of brick walls.	6/11/2015

Envelope	Exterior Walls	Damage/Wearout	1%	Expose lentils over windows to romove rust and properly seal & regrout.	6/11/2015
Finishes	Floor Finishes	Damage/Wearout	100%	Replace carpet throughout (original carpet).	7/13/2011
Finishes	Ceilings	Aesthetics	1%	Replace tiles in women restroom on the lower level.	6/26/2013
Finishes	Interior Doors/Yhard	Damage/Wearout	5%	Replace door hardware as needed.	6/7/2017
Finishes	Wall Finishes	Damage/Wearout	15%	Repaint interior wall finishes	6/13/2019
Foundations	Footings/Foundation	Damage/Wearout	50%	Provide exterior drainage system and waterproofing (for NE & SE sides).	6/26/2013
HVAC System	Heating	Damage/Wearout	20%	Replaced heating system (2011).	6/13/2019
HVAC System	Heating	Damage/Wearout	5%	Replace original tr unit & chiller for condition and obsolescence efficiency. Likely to be addressed from 2021 roof damage.	3/16/2021
Plumbing System	Fixtures	Energy Conservation	40%	Upgrade to low-flow faucets when applicable	6/7/2017
Plumbing System	Fixtures	Damage/Wearout	30%	Replace restroom fixtures (with low flow).	6/13/2019
Plumbing System	Waste	Damage/Wearout	15%	Replace waste piping.	6/13/2019
Plumbing System	Supply	Damage/Wearout	50%	REPLACE GALVANIZED PIPING IN CHASE.	3/16/2021
Roof System	Insulation	Damage/Wearout	100%	REPLACE ROOF INSULATION.	6/26/2013
Roof System	Covering	Damage/Wearout	100%	Recoat or replace roof covering.	6/26/2013
Safety System	Extinguishing System	Codes/Standards	100%	Install fire suppression system.	5/24/2007
Safety System	Exit/Emergency Lighti	Damage/Wearout	100%	Upgrade fire alarm panel detection system.	6/13/2019
Specialties	Toilet Partitions	Damage/Wearout	100%	REPLACE PARTITIONS.	5/24/2007
Specialties	Signange/Directories	Building Enhancements	100%	INSTALL DIRECTORY SIGNAGE.	5/24/2007

GENERAL SERVICES DIVISION

DEFICIENCY DETAIL REPORTS

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories
- [x] 1
- [x] 2
- [x] 3
- [x] 4
- [x] 5
- [x] 6
- [ ] 7

Site: General Services- Clustered | **Area Correction:** 1.21 | **Last Audit Date:** 7/20/2022

Building: Executive Residence | **Gross Area:** 11,018 Sq Ft | **Report Renewal Cost:** $412,359

Building Type/ Age Class: House, Single Family (31B) | **Cost/Sq Ft:** $131.97 | **Deficiency Ratio:** 28.4%

Const. Date: 1960 | **Replacement Cost:** $1,454,045

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$20,890***	***$49,912***	
209	Footings/Foundation Walls (A)	06-12-2014	07-20-2022	2	35%	$3.84	$14,808		Cracking identified in the basement foundation walls should be evaluated by a design professional and repaired/sealed.
1656	Exterior Steps/Retaining Walls (B)	07-20-2022	07-20-2022	2	80%	$0.69	$6,082		Exterior steps/concrete is in poor shape. Repair/replace.
System: Envelope (2)						***Totals:***	***$53,592***	***$183,229***	
210	Exterior Walls (A)	06-12-2014	07-20-2022	2	15%	$11.57	$19,122		Replace lapsiding gable endings
211	Exterior Walls (A)	06-12-2014	07-20-2022	2	15%	$11.57	$19,122		Replace plywood sofits
212	Exterior Windows (B)	06-12-2014	07-20-2022	2	50%	$2.33	$12,836		Window components showing age related deterioration. Replace backer rod and caulk at all exterior windows.
1658	Exterior Doors/Hatches (C)	07-20-2022	07-20-2022	2	60%	$0.38	$2,512		Exterior doors and hardware are nearing 70% expected life span. Clean, inspect, adjust, and lubricate all latching and hinge hardware.
System: Roof System (4)						***Totals:***	***$11,569***	***$32,503***	
1660	Structure (A)	07-20-2022	07-20-2022	1	15%	$0.78	$1,289		Mixed age framing and alterations in attic space due for seismic evaluation.
782	Covering (B)	10-05-2016	10-05-2016	2	10%	$1.41	$1,554		Need to add gutters on NW side of roof currently there is lots of water running at the NW area. This would improve drainage.
1662	Covering (B)	07-20-2022	07-20-2022	2	40%	$1.41	$6,214		Glass reinforced Cementous roof tiles appear to be aging consistent with their life expectancy.
1663	Insulation (C)	07-20-2022	07-20-2022	5	30%	$0.76	$2,512		Limited insulation through central attic portion due to floor/storage space.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Clustered | **Area Correction:** 1.21 | **Last Audit Date:** 7/20/2022

Building: Executive Residence | **Gross Area:** 11,018 Sq Ft | **Report Renewal Cost:** $412,359

Building Type/ Age Class: House, Single Family (31B) | **Cost/Sq Ft:** $131.97 | **Deficiency Ratio:** 28.4%

Const. Date: 1960 | **Replacement Cost:** $1,454,045

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$75,093***	***$277,874***	
1665	Ceilings (B)	07-20-2022	07-20-2022	2	40%	$3.85	$16,968		Patch/repaint upstairs ceiling. Basement ceiling needs to be repaired at maintenance access openings.
215	Floor Finishes (D)	06-12-2014	07-20-2022	2	60%	$5.58	$36,888		Multiple floor finishes are due for replacement and/or resurfacing.
1666	Wall Finishes (E)	07-20-2022	07-20-2022	2	75%	$2.57	$21,237		Entire facility due for interior paint.
System: Specialties (6)						***Totals:***	***$23,832***	***$49,801***	
1668	Chalk/Tack/Whiteboards/Cabinets (D)	07-20-2022	07-20-2022	2	70%	$3.09	$23,832		Wear/tear on cabinets, countertops, and toilet room accessories is consistent with average life expectancy.
System: HVAC System (7)						***Totals:***	***$89,096***	***$198,655***	
1669	Heating (A)	07-20-2022	07-20-2022	2	65%	$8.29	$59,370		Pneumatic controls are an antiquated and inefficient technology. Replace all pneumatic controls with direct digital controls and integrate into a comprehensive building automation system. Boilers and other system components are nearing end of life.
217	Ventilating (B)	06-12-2014	07-20-2022	2	26%	$1.46	$4,182		Replace bathroom exhaust, atmospheric venting, and controls.
1671	Cooling (C)	07-20-2022	07-20-2022	2	28%	$8.28	$25,544		Deficiency reflects age of system components. Inspect yearly.
System: Plumbing System (8)						***Totals:***	***$82,773***	***$222,233***	
781	Fixtures (A)	10-05-2016	07-20-2022	2	70%	$6.73	$51,906		Upgrade fixtures - sinks, faucets, etc.
220	Waste Piping (C)	06-12-2014	07-20-2022	2	65%	$4.31	$30,867		Replace sewer service

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories
- [x] *1*
- [x] *2*
- [x] *3*
- [x] *4*
- [x] *5*
- [x] *6*
- [ ] *7*

Site: General Services- Clustered | **Area Correction:** 1.21 | **Last Audit Date:** 7/20/2022

Building: Executive Residence | **Gross Area:** 11,018 Sq Ft | **Report Renewal Cost:** $412,359

Building Type/ Age Class: House, Single Family (31B) | **Cost/Sq Ft:** $131.97 | **Deficiency Ratio:** 28.4%

Const. Date: 1960 | **Replacement Cost:** $1,454,045

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$55,514***	***$116,791***	
1673	Building Service (A)	07-20-2022	07-20-2022	2	35%	$2.79	$10,759		Deficiency reflects age of system components. Inspect yearly.
1674	Lighting (B)	07-20-2022	07-20-2022	5	50%	$3.00	$16,527		Upgrade and re-lamp lighting fixtures.
223	Distribution (C)	06-12-2014	07-20-2022	1	70%	$3.66	$28,228		Add/ replace grounding throughout.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 0.94 | **Last Audit Date:** 9/8/2020

Building: Cogswell | **Gross Area:** 108,868 Sq Ft | **Report Renewal Cost:** $3,676,995

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $219.58 | **Deficiency Ratio:** 15.4%

Const. Date: 1955 | **Replacement Cost:** $23,905,235

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$5,661***	***$555,227***	
269	Exterior Steps/Retaining Walls (B)	07-07-2014	09-08-2020	2	5%	$1.04	$5,661		Patch & repair cracked entrance steps.
System: Envelope (2)						***Totals:***	***$86,605***	***$2,177,360***	
832	Exterior Walls (A)	07-07-2014	07-07-2014	2	1%	$5.38	$5,857		Reseal/replace plaster wall surface. Replace in areas where there are chipped out seals. At this time this item was reduced from 10 to 1% percent. In August 2017 the building exterior was painted. Prev. Record 261.
263	Exterior Windows (B)	07-07-2014	09-08-2020	5	7%	$7.31	$55,708		Replace windows on A&B wings, and south entrance of C wing.
265	Exterior Doors/Hatches (C)	07-07-2014	09-08-2020	2	10%	$1.15	$12,520		Repaint steel doors and frames
1255	Exterior Doors/Hatches (C)	09-08-2020	09-08-2020	2	10%	$1.15	$12,520		Replace exterior doors and hardware that are worn beyond repair.
System: Roof System (4)						***Totals:***	***$107,779***	***$781,672***	
830	Covering (B)	07-07-2014	09-08-2020	2	20%	$3.33	$72,506		Roof covering is beyond life and failing.
270	Insulation (C)	07-07-2014	09-08-2020	2	18%	$1.80	$35,273		Insulation is water damaged - replace w/ new roof covering
System: Finishes (5)						***Totals:***	***$453,772***	***$5,207,156***	
837	Interior Wall Systems (A)	08-17-2017	09-08-2020	3	5%	$13.11	$71,363		Investigate fire rated/ratings for corridors.
828	Ceilings (B)	07-07-2017	07-07-2017	2	3%	$11.59	$37,853		Replace damaged ceiling tiles
274	Interior Doors/Hardware/Windows (	07-07-2014	09-08-2020	2	22%	$9.55	$228,732		Replace damaged doors and hardware. Repaint frames
826	Floor Finishes (D)	07-07-2014	09-08-2020	2	15%	$6.63	$108,269		Replace carpets throughout and VSG in labs
272	Wall Finishes (E)	07-07-2014	09-08-2020	2	1%	$6.94	$7,555		Paint throughout

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 0.94 | **Last Audit Date:** 9/8/2020

Building: Cogswell | **Gross Area:** 108,868 Sq Ft | **Report Renewal Cost:** $3,676,995

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $219.58 | **Deficiency Ratio:** 15.4%

Const. Date: 1955 | **Replacement Cost:** $23,905,235

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$115,552***	***$1,496,935***	
277	Toilet Partitions (A)	07-07-2014	09-08-2020	2	50%	$2.04	$111,045		Replace all toilet partitions
1257	Signage/Directories (B)	09-08-2020	09-08-2020	1	6%	$0.69	$4,507		Install code compliant signage
System: HVAC System (7)						***Totals:***	***$1,139,195***	***$3,716,754***	
836	Heating (A)	08-17-2017	09-08-2020	2	40%	$17.07	$743,351		Boilers are beyond life expectancy. Replace aged controllers, piping, and valvles.
835	Ventilating (B)	08-17-2017	09-08-2020	2	15%	$5.12	$83,611		Replace aged air handling equipment, remove abandoned ductwork, and retro -commission/test/balance throughout.
1259	Cooling (C)	09-08-2020	09-08-2020	2	24%	$11.95	$312,233		Replace aged chillers, DX cooling, piping, valves, and retro commission system.
System: Plumbing System (8)						***Totals:***	***$694,360***	***$3,921,425***	
282	Fixtures (A)	07-07-2014	09-08-2020	2	50%	$8.71	$474,120		Parts no longer available. Replace all toilets, fixtures and water fountains in the A and B wing
283	Supply Piping (B)	07-07-2014	09-08-2020	2	10%	$18.46	$200,970		Replace decaying supply piping and hot water recirculation pump.
284	Waste Piping (C)	07-07-2014	09-08-2020	2	2%	$8.85	$19,270		Replace all galvanized to cast iron connections.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 0.94 | **Last Audit Date:** 9/8/2020

Building: Cogswell | **Gross Area:** 108,868 Sq Ft | **Report Renewal Cost:** $3,676,995

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $219.58 | **Deficiency Ratio:** 15.4%

Const. Date: 1955 | **Replacement Cost:** $23,905,235

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$489,994***	***$3,638,369***	
834	Lighting (B)	08-17-2017	08-17-2017	2	4%	$8.82	$38,409		Lighting retrofit required to replace the re-lock system. Replace damaged lenses.
822	Distribution (C)	07-07-2014	09-08-2020	2	35%	$10.78	$410,759		All breaker panels are outdated except in the lab. Update distribution panels. Also remove and replace existing disconnects on all sides except the lab.
286	Voice/Data (D)	07-07-2014	07-07-2014	3	5%	$7.50	$40,826		Remove abandoned wiring
System: Conveying (10)						***Totals:***	***$179,959***	***$599,863***	
292	Elevator/Lift (A)	07-07-2014	09-08-2020	2	30%	$5.51	$179,959		Upgrade controls on all elevators. Add communication equipment to lab elevator. Replace/re-paint cab finishes.
System: Safety System (11)						***Totals:***	***$404,118***	***$1,418,550***	
289	Exit/Emergency Lighting/Alarms (C	07-07-2014	09-08-2020	1	80%	$4.64	$404,118		Update all fire devices and install emergency lighting along egress routes

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 0.98 | **Last Audit Date:** 9/14/2020

Building: Walt Sullivan | **Gross Area:** 51,235 Sq Ft | **Report Renewal Cost:** $1,792,165

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $228.93 | **Deficiency Ratio:** 15.3%

Const. Date: 1959 | **Replacement Cost:** $11,729,229

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$306,550***	***$1,068,250***	
1261	Exterior Walls (A)	09-14-2020	09-14-2020	1	80%	$5.61	$229,943		Rock aggregate contains asbestos - abate
1262	Exterior Walls (A)	09-14-2020	09-14-2020	2	14%	$5.61	$40,240		Repair cracks, holes, and repaint EIFS walls
855	Exterior Windows (B)	08-30-2017	08-30-2017	5	4%	$7.62	$15,616		Replace stairwell windows.
1263	Exterior Windows (B)	09-14-2020	09-14-2020	2	5%	$7.62	$19,521		South lovers are non-operable, repair and paint. Re-caulk jambs/sills/heads where appicable
1264	Exterior Doors/Hatches (C)	09-14-2020	09-14-2020	2	2%	$1.20	$1,230		Replace damaged doors and hardware. Repaint slabs and frames as required
System: Floor System (3)						***Totals:***	***$66,349***	***$1,309,054***	
1265	Floor Structure (A)	09-14-2020	09-14-2020	2	6%	$19.60	$60,252		Install leveling compound at transitions.
1266	Stair Treads/Risers (B)	09-14-2020	09-14-2020	2	2%	$5.95	$6,097		Repair minor cracks and repaint stair treads/risers
System: Finishes (5)						***Totals:***	***$469,820***	***$2,554,577***	
1267	Interior Wall Systems (A)	09-14-2020	09-14-2020	2	2%	$13.67	$14,008		Patch, repair, and paint wall surfaces
1270	Ceilings (B)	09-14-2020	09-14-2020	2	32%	$12.09	$198,218		Replace damaged ceiling tiles w/ new
1268	Interior Doors/Hardware/Windows (	09-14-2020	09-14-2020	2	4%	$9.95	$20,392		Replace damaged hardware, doors, and repaint slabs and frames where required
308	Floor Finishes (D)	07-29-2014	09-14-2020	2	1%	$6.91	$3,540		Replace tile throughout where old 70's tile. Janitor closets.
1269	Floor Finishes (D)	09-14-2020	09-14-2020	2	66%	$6.91	$233,662		Replace all "blue" carpet and damaged baseboard

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 0.98 | **Last Audit Date:** 9/14/2020

Building: Walt Sullivan | **Gross Area:** 51,235 Sq Ft | **Report Renewal Cost:** $1,792,165

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $228.93 | **Deficiency Ratio:** 15.3%

Const. Date: 1959 | **Replacement Cost:** $11,729,229

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$6,169***	***$734,198***	
1271	Toilet Partitions (A)	09-14-2020	09-14-2020	2	5%	$2.12	$5,431		Replace damaged toilet room accessories w/ new
1272	Signage/Directories (B)	09-14-2020	09-14-2020	2	2%	$0.72	$738		Install new signage where required by code
System: HVAC System (7)						***Totals:***	***$518,919***	***$1,823,454***	
1273	Heating (A)	09-14-2020	09-14-2020	2	31%	$17.80	$282,715		Replace existing steam boiler. Upgrade controls, room units, and replace aged valves as required. Install new pipe insulation where damaged
1274	Ventilating (B)	09-14-2020	09-14-2020	2	7%	$5.34	$19,152		Remove abandoned duct work. Upgrade controls, room units, and aged air handler/ fans where required
1275	Cooling (C)	09-14-2020	09-14-2020	2	34%	$12.46	$217,052		Replace aged de-centralized chiller units. Upgrade controls, room units, and piping/valves where required. Replace damaged or missing pipe insulation.
System: Plumbing System (8)						***Totals:***	***$56,942***	***$1,923,874***	
1276	Fixtures (A)	09-14-2020	09-14-2020	2	8%	$9.08	$37,217		Replace all toilet and sink carriers. Remove all galvanized to cast iron connections.
1277	Supply Piping (B)	09-14-2020	09-14-2020	2	2%	$19.25	$19,725		Replace aged pumps and water heater. Replace corroded valves and fittings as required

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 0.98 | **Last Audit Date:** 9/14/2020

Building: Walt Sullivan | **Gross Area:** 51,235 Sq Ft | **Report Renewal Cost:** $1,792,165

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $228.93 | **Deficiency Ratio:** 15.3%

Const. Date: 1959 | **Replacement Cost:** $11,729,229

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$160,683***	***$1,785,540***	
1278	Lighting (B)	09-14-2020	09-14-2020	2	13%	$9.20	$61,277		Replace lighting fixtures w/ damaged lenses.
1279	Distribution (C)	09-14-2020	09-14-2020	1	11%	$11.24	$63,347		Existing service panels are overloaded and we can no longer get breakers for these types of panels. Replace w/ new where required.
1280	Voice/Data (D)	09-14-2020	09-14-2020	4	9%	$7.82	$36,059		Remove abandoned voice/data cables throughout building
System: Conveying (10)						***Totals:***	***$132,340***	***$294,089***	
1281	Elevator/Lift (A)	09-14-2020	09-14-2020	2	45%	$5.74	$132,340		Replace all cab finishes in East elevator. Replace damaged/aged hoist parts as required. Update controls in East elevator
System: Safety System (11)						***Totals:***	***$74,393***	***$696,284***	
1282	Exit/Emergency Lighting/Alarms (C	09-14-2020	09-14-2020	2	30%	$4.84	$74,393		Upgrade all smoke/heat/strobe devices throughout building

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 6/8/2020

Building: Old Board of Health | **Gross Area:** 8,265 Sq Ft | **Report Renewal Cost:** $725,858

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $318.99 | **Deficiency Ratio:** 27.5%

Const. Date: 1919 | **Replacement Cost:** $2,636,452

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$17,964***	***$77,774***	
27	Footings/Foundation Walls (A)	04-18-2014	06-08-2020	2	10%	$6.21	$5,133		Repair existing stone foundation
28	Footings/Foundation Walls (A)	04-18-2014	06-08-2020	2	25%	$6.21	$12,831		Mitigate groundwater/ landscape water around perimeter
System: Envelope (2)						***Totals:***	***$39,758***	***$251,008***	
29	Exterior Walls (A)	04-18-2014	04-18-2014	2	10%	$8.24	$6,810		Remove spalling granite belly band and seal east/west and south side
30	Exterior Walls (A)	04-18-2014	06-08-2020	2	20%	$8.24	$13,621		Granite along south façade water damaged. Remove irrigated landscaping and regrade
31	Exterior Walls (A)	04-18-2014	04-18-2014	2	4%	$8.24	$2,724		Reseal windwow sills and repaint
32	Exterior Walls (A)	04-18-2014	04-18-2014	2	5%	$8.24	$3,405		Repoint terra cotta cornice and seal
33	Exterior Windows (B)	04-18-2014	06-08-2020	2	5%	$9.51	$3,930		Paint and reseal penthouse windows
34	Exterior Windows (B)	04-18-2014	06-08-2020	2	3%	$9.51	$2,358		Refurbish existing historical architectural windows
1180	Exterior Windows (B)	06-08-2020	06-08-2020	3	5%	$9.51	$3,930		Replace penthouse windows w/ double pane
1181	Exterior Windows (B)	06-08-2020	06-08-2020	2	1%	$9.51	$786		Replace broken and wore out hardware on penthouse windows
35	Exterior Doors/Hatches (C)	04-18-2014	04-18-2014	2	5%	$1.77	$731		Paint all exterior metal doors
1182	Exterior Doors/Hatches (C)	06-08-2020	06-08-2020	2	10%	$1.77	$1,463		Replace wood door slab from penthouse, and replace west third floor door that has rusted through.
System: Floor System (3)						***Totals:***	***$3,612***	***$310,268***	
1184	Stair Treads/Risers (B)	06-08-2020	06-08-2020	2	5%	$8.74	$3,612		Refinish damaged stair treads

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 6/8/2020

Building: Old Board of Health | **Gross Area:** 8,265 Sq Ft | **Report Renewal Cost:** $725,858

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $318.99 | **Deficiency Ratio:** 27.5%

Const. Date: 1919 | **Replacement Cost:** $2,636,452

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)						***Totals:***	***$36,912***	***$97,279***	
1185	Covering (B)	06-08-2020	06-08-2020	3	5%	$5.87	$2,426		Replace wire roof drain screens w/ cast commercial type.
1186	Covering (B)	06-08-2020	06-08-2020	2	50%	$5.87	$24,258		Replace roof covering
1187	Insulation (C)	06-08-2020	06-08-2020	2	45%	$2.75	$10,228		Upgrade roof insulation
System: Finishes (5)						***Totals:***	***$80,257***	***$654,009***	
1188	Interior Wall Systems (A)	06-08-2020	06-08-2020	2	25%	$22.09	$45,643		Repair water damage and repaint on first floor
38	Ceilings (B)	04-18-2014	04-18-2014	2	10%	$19.54	$16,150		Plaster ceilings
1189	Floor Finishes (D)	06-08-2020	06-08-2020	2	20%	$11.17	$18,464		Wear/tear on carpet
System: Specialties (6)						***Totals:***	***$175***	***$167,284***	
40	Signage/Directories (B)	04-18-2014	06-08-2020	3	2%	$1.06	$175		Replace missing signage and add directional signage
System: HVAC System (7)						***Totals:***	***$71,961***	***$297,127***	
41	Heating (A)	04-18-2014	06-08-2020	2	20%	$15.69	$25,936		Replace steam and condensate pipe
42	Heating (A)	04-18-2014	06-08-2020	2	23%	$15.69	$29,826		Replace Steam boiler
44	Ventilating (B)	04-18-2014	04-18-2014	3	100%	$1.96	$16,199		Install exhaust in restrooms
System: Plumbing System (8)						***Totals:***	***$326,925***	***$398,290***	
719	Fixtures (A)	04-18-2014	06-08-2020	2	18%	$10.53	$15,665		Replace fixtures as needed.
716	Supply Piping (B)	04-18-2014	06-08-2020	2	100%	$25.46	$210,427		Replace supply piping system.
48	Waste Piping (C)	04-18-2014	06-08-2020	2	100%	$12.20	$100,833		Replace waste piping system.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 6/8/2020

Building: Old Board of Health | **Gross Area:** 8,265 Sq Ft | **Report Renewal Cost:** $725,858

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $318.99 | **Deficiency Ratio:** 27.5%

Const. Date: 1919 | **Replacement Cost:** $2,636,452

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)					***Totals:***		***$95,407***	***$385,066***	
49	Lighting (B)	04-18-2014	04-18-2014	5	5%	$12.01	$4,963		Install occupancy sensors
51	Lighting (B)	04-18-2014	06-08-2020	5	30%	$12.01	$29,779		Upgrade lighting to LED
50	Distribution (C)	04-18-2014	06-08-2020	2	50%	$14.68	$60,665		Replace distribution system-all panel and wiring
System: Safety System (11)					***Totals:***		***$52,887***	***$164,969***	
54	Exit/Emergency Lighting/Alarms (C	04-18-2014	04-18-2014	3	30%	$7.11	$17,629		Upgrade exit signs
55	Exit/Emergency Lighting/Alarms (C	04-18-2014	04-18-2014	2	60%	$7.11	$35,258		Full replacement of fire alarm system

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 1.04 | **Last Audit Date:** 9/28/2020

Building: DPHHS | **Gross Area:** 48,682 Sq Ft | **Report Renewal Cost:** $2,500,747

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $242.94 | **Deficiency Ratio:** 21.1%

Const. Date: 1975 | **Replacement Cost:** $11,826,805

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$2,799***	***$274,566***	
320	Exterior Steps/Retaining Walls (B)	08-18-2014	09-28-2020	2	5%	$1.15	$2,799		Replace/Repair west handrail
System: Envelope (2)						***Totals:***	***$27,141***	***$1,076,846***	
321	Exterior Walls (A)	08-18-2014	09-28-2020	2	4%	$5.95	$11,586		Recaulk between precast concrete
322	Exterior Walls (A)	08-18-2014	09-28-2020	2	1%	$5.95	$2,897		Repair soffit joints where required.
323	Exterior Windows (B)	08-18-2014	09-28-2020	6	1%	$8.08	$3,934		Install spandrel panels west breezeway
324	Exterior Doors/Hatches (C)	08-18-2014	09-28-2020	2	9%	$1.28	$5,608		Doors and hardware are worn, replace as required.
1339	Exterior Doors/Hatches (C)	09-28-2020	09-28-2020	1	5%	$1.28	$3,116		Replace west entry doorto open with the travel of egress
System: Floor System (3)						***Totals:***	***$60,755***	***$1,319,769***	
345	Floor Structure (A)	08-18-2014	09-28-2020	3	6%	$20.80	$60,755		Install fireblocking in floor penetrations, level uneven floor surfaces, and monitor slab on grade cracking in mail room.
System: Roof System (4)						***Totals:***	***$313,804***	***$387,022***	
874	Structure (A)	09-26-2017	09-28-2020	2	50%	$2.27	$55,254		Bubbling areas in roof deck indicate water damage. Replace as required.
871	Covering (B)	08-18-2017	09-28-2020	2	90%	$3.69	$161,673		Acrylic roof coating is well beyond expected life cycle and failing in several locations.
326	Insulation (C)	08-18-2014	09-28-2020	2	100%	$1.99	$96,877		Reinsulate roof during replacement will be required

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 1.04 | **Last Audit Date:** 9/28/2020

Building: DPHHS | **Gross Area:** 48,682 Sq Ft | **Report Renewal Cost:** $2,500,747

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $242.94 | **Deficiency Ratio:** 21.1%

Const. Date: 1975 | **Replacement Cost:** $11,826,805

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$781,128***	***$2,575,765***	
1343	Interior Wall Systems (A)	09-28-2020	09-28-2020	1	31%	$14.51	$218,977		Replace guardrails throughout building to comply w/ newer codes.
327	Ceilings (B)	08-18-2014	09-28-2020	2	13%	$12.83	$81,197		Replace ceiling tiles throughout building as required.
1341	Ceilings (B)	09-28-2020	09-28-2020	1	50%	$12.83	$312,295		Ceiling grids in corridors are extensively damaged and need to be replaced. Ceiling grids throughout building do not meet seismic req's and need to be replaced.
328	Interior Doors/Hardware/Windows (	08-18-2014	09-28-2020	2	14%	$10.56	$71,971		Replace damaged slabs and worn hardware throughout building
330	Floor Finishes (D)	08-18-2014	09-28-2020	2	20%	$7.33	$71,368		Carpet is aged/worn in multiple areas throughout building. Replace as req'd.
869	Floor Finishes (D)	08-18-2014	09-28-2020	2	5%	$7.33	$17,842		Refurbish terrazo on basement and 2nd corridor floors. Refer to record 329.
873	Wall Finishes (E)	09-26-2017	09-28-2020	2	2%	$7.68	$7,478		Scuffs and damage to interior walls noted in some areas.
System: Specialties (6)						***Totals:***	***$35,616***	***$740,453***	
331	Toilet Partitions (A)	08-18-2014	09-28-2020	2	8%	$2.25	$8,763		Remove/replace toilet partitions in basement.
332	Signage/Directories (B)	08-18-2014	09-28-2020	3	33%	$0.77	$12,370		Install signage. 9/26 update - interior suites do not have appropriate emergency signage, some exits are not well marked.
333	Fixed Seating/Risers (C)	08-18-2014	09-28-2020	2	25%	$1.19	$14,483		Original 1975 auditorium seating is worn and needs to be replaced.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 1.04 | **Last Audit Date:** 9/28/2020

Building: DPHHS | **Gross Area:** 48,682 Sq Ft | **Report Renewal Cost:** $2,500,747

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $242.94 | **Deficiency Ratio:** 21.1%

Const. Date: 1975 | **Replacement Cost:** $11,826,805

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$656,399***	***$1,838,719***	
334	Heating (A)	08-18-2014	09-28-2020	2	34%	$18.88	$312,499		Boilers are at approximately 50% of life expectancy. Upgrade failing or aged controls, room units and plumbing.
336	Ventilating (B)	08-18-2014	09-28-2020	4	22%	$5.67	$60,726		Retro commission building system and replace failing or aged controls and room units.
337	Cooling (C)	08-18-2014	09-28-2020	4	10%	$13.22	$64,358		Retro commission building system
865	Cooling (C)	09-26-2017	09-28-2020	5	34%	$13.22	$218,816		Current DX system in need of upgrade. Upgrade to a chiller.
System: Plumbing System (8)						***Totals:***	***$274,430***	***$1,939,978***	
338	Fixtures (A)	08-18-2014	09-28-2020	2	50%	$9.64	$234,647		Upgrade all plumbing fixtures
1345	Supply Piping (B)	09-28-2020	09-28-2020	2	4%	$20.43	$39,783		Replace pipe insulation where damaged.
System: Electrical System (9)						***Totals:***	***$139,518***	***$1,800,260***	
340	Lighting (B)	08-18-2014	09-28-2020	4	19%	$9.76	$90,276		Several mix-matched bulbs create poor lighting environment. Replace w/ matching where required.
863	Distribution (C)	08-18-2014	09-28-2020	4	5%	$11.93	$29,039		All distribution panels are full. Install additional panels and re-distribute loads to allow spare circuits in existing panels.
861	Voice/Data (D)	08-18-2014	09-28-2020	3	5%	$8.30	$20,203		Remove abandoned wire.
System: Conveying (10)						***Totals:***	***$11,859***	***$296,473***	
342	Elevator/Lift (A)	08-18-2014	09-28-2020	2	4%	$6.09	$11,859		Install new seals at each floor. Cab finishes indicate general wear/tear and are approximately 5% deficient

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.04 | **Last Audit Date:** 9/28/2020

Building: DPHHS | **Gross Area:** 48,682 Sq Ft | **Report Renewal Cost:** $2,500,747

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $242.94 | **Deficiency Ratio:** 21.1%

Const. Date: 1975 | **Replacement Cost:** $11,826,805

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)					***Totals:***		***$197,298***	***$701,994***	
343	Egress (A)	08-18-2014	09-28-2020	3	28%	$3.46	$47,163		Bring corridors to 1 hour rating. 9/26 update - 1 hour rated doors and ceiling tiles required fto achieve this. See record 327. Remodel to remove all dead end corridors.
859	Exit/Emergency Lighting/Alarms (C	08-18-2014	09-28-2020	3	60%	$5.14	$150,135		Upgrade fire alarm system.

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex
Area Correction: 0.94
Last Audit Date: 6/15/2020

Building: Mitchell
Gross Area: 130,320 Sq Ft
Report Renewal Cost: $5,643,207

Building Type/ Age Class: General Classroom/Office (3A)
Cost/Sq Ft: $208.23
Deficiency Ratio: 20.8%

Const. Date: 1949
Replacement Cost: $27,136,534

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Foundations (1)						
1191	Footings/Foundation Walls (A)	6/15/2020	6/15/2020	2	10%	Microcracking in concrete walls of East addition
64	Exterior Steps/Retaining Walls (	4/28/2014	6/15/2020	2	1%	Resurface west stairwell sidewings of steps
System: Envelope (2)						
67	Exterior Walls (A)	4/28/2014	6/15/2020	2	55%	Clean and patch Exterior Insulation Finish System (EIFS). Re-coat entire assembly
1193	Exterior Walls (A)	6/15/2020	6/15/2020	2	15%	Repaint east addition
1195	Exterior Windows (B)	6/15/2020	6/15/2020	2	70%	Replace missing windows and worn hardware.
730	Exterior Doors/Hatches (C)	4/28/2014	6/15/2020	2	16%	Paint metal doors.

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 0.94 | **Last Audit Date:** 6/15/2020

Building: Mitchell | **Gross Area:** 130,320 Sq Ft | **Report Renewal Cost:** $5,643,207

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $208.23 | **Deficiency Ratio:** 20.8%

Const. Date: 1949 | **Replacement Cost:** $27,136,534

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Roof System (4)						
73	Covering (B)	4/28/2014	6/15/2020	2	30%	Roof coating is aged and failing in many places. Reroof
1197	Insulation (C)	6/15/2020	6/15/2020	2	30%	Replace water saturated roof insulation
System: Finishes (5)						
734	Ceilings (B)	4/28/2014	6/15/2020	2	20%	Replace ceiling tiles as needed.
1199	Ceilings (B)	6/15/2020	6/15/2020	6	50%	Replace mismatched ceiling tiles
1201	Interior Doors/Hardware/Windo	6/15/2020	6/15/2020	2	10%	Normal wear/tear on slabs, hardware, and frames
736	Floor Finishes (D)	4/28/2014	6/15/2020	2	40%	Carpet is wore out, level floor and replace carpet
77	Wall Finishes (E)	4/28/2014	6/15/2020	2	20%	Repaint minor scratches and holes.
78	Wall Finishes (E)	4/28/2014	6/15/2020	2	5%	Regrout/reseal tiles in restrooms. Tiles are falling off and can no longer get matches. Replace

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex
Area Correction: 0.94
Last Audit Date: 6/15/2020
Building: Mitchell
Gross Area: 130,320 Sq Ft
Report Renewal Cost: $5,643,207
Building Type/ Age Class: General Classroom/Office (3A)
Cost/Sq Ft: $208.23
Deficiency Ratio: 20.8%
Const. Date: 1949
Replacement Cost: $27,136,534

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Specialties (6)						
80	Toilet Partitions (A)	4/28/2014	4/28/2014	2	1%	Paint toilet partitions
1203	Toilet Partitions (A)	6/15/2020	6/15/2020	6	5%	Upgrade toilet partitions
738	Signage/Directories (B)	4/28/2014	7/27/2016	3	95%	Update/install room numbers and directories.

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories
- [x] 1
- [x] 2
- [x] 3
- [x] 4
- [x] 5
- [x] 6
- [ ] 7

Site: General Services- Complex
Area Correction: 0.94
Last Audit Date: 6/15/2020

Building: Mitchell
Gross Area: 130,320 Sq Ft
Report Renewal Cost: $5,643,207

Building Type/ Age Class: General Classroom/Office (3A)
Cost/Sq Ft: $208.23
Deficiency Ratio: 20.8%

Const. Date: 1949
Replacement Cost: $27,136,534

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: HVAC System (7)						
82	Heating (A)	4/28/2014	6/15/2020	4	3%	Test and Balance addition
88	Heating (A)	4/28/2014	6/15/2020	4	2%	Modify HVAC for thermal zoning
1205	Heating (A)	6/15/2020	6/15/2020	4	26%	Upgrade controls
83	Ventilating (B)	4/28/2014	6/15/2020	5	20%	Test and Balance addition
85	Ventilating (B)	4/28/2014	6/15/2020	4	25%	Install Restroom ventilation
86	Ventilating (B)	4/28/2014	6/15/2020	3	5%	Provide occupant ventilation rooms in rooms w/o operable windows
90	Ventilating (B)	4/28/2014	4/28/2014	4	10%	Install modern controls on fan coils in addition
84	Cooling (C)	4/28/2014	6/15/2020	5	1%	Test and Balance addition
89	Cooling (C)	4/28/2014	6/15/2020	4	3%	Modify HVAC for thermal zoning

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 0.94 | **Last Audit Date:** 6/15/2020

Building: Mitchell | **Gross Area:** 130,320 Sq Ft | **Report Renewal Cost:** $5,643,207

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $208.23 | **Deficiency Ratio:** 20.8%

Const. Date: 1949 | **Replacement Cost:** $27,136,534

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Plumbing System (8)						
740	Fixtures (A)	4/28/2014	7/27/2016	5	10%	Replace with water savings fixtures - faucets.
1207	Fixtures (A)	6/15/2020	6/15/2020	2	10%	Wear / tear. Replace as req'd
1209	Supply Piping (B)	6/15/2020	6/15/2020	2	15%	Wear/tear on plumbing and valves. Replace as req'd
94	Waste Piping (C)	4/28/2014	6/15/2020	2	40%	Replace waste piping corrosive visible cracking

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex
Area Correction: 0.94
Last Audit Date: 6/15/2020
Building: Mitchell
Gross Area: 130,320 Sq Ft
Report Renewal Cost: $5,643,207
Building Type/ Age Class: General Classroom/Office (3A)
Cost/Sq Ft: $208.23
Deficiency Ratio: 20.8%
Const. Date: 1949
Replacement Cost: $27,136,534

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Electrical System (9)						
96	Lighting (B)	4/28/2014	4/28/2014	5	2%	Install occupancy sensors
97	Lighting (B)	4/28/2014	4/28/2014	4	5%	Install dual level switching
98	Lighting (B)	4/28/2014	4/28/2014	5	10%	Upgrade light fixtures
103	Lighting (B)	4/28/2014	4/28/2014	3	3%	Install egress lighting
101	Distribution (C)	4/28/2014	4/28/2014	2	20%	Replace all obsolete panels-original building
102	Distribution (C)	4/28/2014	6/15/2020	2	10%	Replace motor control center east wing penthouse
742	Voice/Data (D)	4/28/2014	7/27/2016	1	1%	Remove abandoned wire in tunnel.
744	Voice/Data (D)	4/28/2014	7/27/2016	3	10%	Remove abandoned wiring in closets.

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex
Area Correction: 0.94
Last Audit Date: 6/15/2020
Building: Mitchell
Gross Area: 130,320 Sq Ft
Report Renewal Cost: $5,643,207
Building Type/ Age Class: General Classroom/Office (3A)
Cost/Sq Ft: $208.23
Deficiency Ratio: 20.8%
Const. Date: 1949
Replacement Cost: $27,136,534

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Safety System (11)						
104	Extinguishing System (B)	4/28/2014	4/28/2014	3	5%	Review fire sprinkler in basement area- new construction
110	Extinguishing System (B)	4/28/2014	4/28/2014	3	1%	Investigate fire sprinkler code for basement assembly area
106	Exit/Emergency Lighting/Alarms	4/28/2014	4/28/2014	3	5%	Add exit signs where required
108	Exit/Emergency Lighting/Alarms	4/28/2014	4/28/2014	2	5%	Upgrade obsolete fire alarm system

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 6/22/2020

Building: Old Livestock | **Gross Area:** 7,936 Sq Ft | **Report Renewal Cost:** $196,358

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $318.99 | **Deficiency Ratio:** 7.8%

Const. Date: 1918 | **Replacement Cost:** $2,531,505

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$13,249***	***$241,016***	
14	Exterior Walls (A)	04-18-2014	06-22-2020	2	10%	$8.24	$6,539		Reseal/repoint terra cotta Cornice
15	Exterior Walls (A)	04-18-2014	06-22-2020	2	3%	$8.24	$1,962		Repoint granite band
1211	Exterior Walls (A)	06-22-2020	06-22-2020	2	2%	$8.24	$1,308		Repoint brick
1213	Exterior Windows (B)	06-22-2020	06-22-2020	2	4%	$9.51	$3,019		Wood jambs showing deterioration
1215	Exterior Doors/Hatches (C)	06-22-2020	06-22-2020	2	3%	$1.77	$421		Wood doors showing age deterioration
System: Floor System (3)						***Totals:***	***$2,286***	***$297,917***	
16	Floor Structure (A)	04-18-2014	04-18-2014	3	1%	$28.80	$2,286		Build pitched floor in mechanical room for proper draining
System: Roof System (4)						***Totals:***	***$20,963***	***$93,407***	
1217	Covering (B)	06-22-2020	06-22-2020	2	45%	$5.87	$20,963		Acrylic coating is aged and peeling away at cornice.
System: Finishes (5)						***Totals:***	***$32,798***	***$627,976***	
17	Floor Finishes (D)	04-18-2014	06-22-2020	2	36%	$11.17	$31,912		Carpet is worn out, vinyl sheet flooring in restrooms is peeling and cracked
1219	Floor Finishes (D)	06-22-2020	06-22-2020	2	1%	$11.17	$886		Minor wear/tear scratches on walls.
System: Specialties (6)						***Totals:***	***$1,682***	***$160,625***	
721	Signage/Directories (B)	04-18-2014	08-09-2016	3	20%	$1.06	$1,682		Install missing room and directional signage.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 6/22/2020

Building: Old Livestock | **Gross Area:** 7,936 Sq Ft | **Report Renewal Cost:** $196,358

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $318.99 | **Deficiency Ratio:** 7.8%

Const. Date: 1918 | **Replacement Cost:** $2,531,505

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)					***Totals:***		***$66,709***	***$285,299***	
19	Heating (A)	04-18-2014	06-22-2020	2	20%	$15.69	$24,903		Replace obsolete contol system
1221	Heating (A)	06-22-2020	06-22-2020	2	7%	$15.69	$8,716		Frequency drive is wore out
20	Ventilating (B)	04-18-2014	06-22-2020	2	20%	$1.96	$3,111		Replace obsolete control system
22	Ventilating (B)	04-18-2014	06-22-2020	4	6%	$1.96	$933		Balance systems to reduce draft/noise and increase comfort
21	Cooling (C)	04-18-2014	06-22-2020	2	20%	$18.30	$29,046		Replace Obsolete control system
System: Plumbing System (8)					***Totals:***		***$47,021***	***$382,436***	
1223	Fixtures (A)	06-22-2020	06-22-2020	2	20%	$10.53	$16,713		Normal wear/tear on fixtures. Replace as req'd
1225	Supply Piping (B)	06-22-2020	06-22-2020	2	15%	$25.46	$30,308		Inadequate size/configuration/slope of waste piping in women's basement restroom.
System: Electrical System (9)					***Totals:***		***$11,650***	***$369,738***	
1226	Distribution (C)	06-22-2020	06-22-2020	3	10%	$14.68	$11,650		Additional dedicated circuits needed throughout building

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 6/8/2020

Building: Capitol Annex | **Gross Area:** 1,460 Sq Ft | **Report Renewal Cost:** $63,996

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $318.99 | **Deficiency Ratio:** 13.7%

Const. Date: 1922 | **Replacement Cost:** $465,725

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$6,862***	***$13,739***	
57	Footings/Foundation Walls (A)	04-18-2014	06-08-2020	2	50%	$6.21	$4,533		Replace spalling plaster seal and caulk
58	Exterior Steps/Retaining Walls (B)	04-18-2014	06-08-2020	2	50%	$3.19	$2,329		Repair front and back steps
System: Envelope (2)						***Totals:***	***$7,491***	***$44,340***	
59	Exterior Walls (A)	04-18-2014	06-08-2020	2	12%	$8.24	$1,444		Repoint/reseal all exterior
725	Exterior Walls (A)	07-11-2016	06-08-2020	2	24%	$8.24	$2,887		Replace damaged brick
1159	Exterior Walls (A)	06-08-2020	06-08-2020	2	4%	$8.24	$481		Repair and repaint eaves and fascia
60	Exterior Windows (B)	04-18-2014	06-08-2020	2	10%	$9.51	$1,388		Recaulk and paint wood trim at exterior
61	Exterior Doors/Hatches (C)	04-18-2014	06-08-2020	3	30%	$1.77	$775		Replace rear exit door with commercial
62	Exterior Doors/Hatches (C)	04-18-2014	06-08-2020	3	10%	$1.77	$258		Replace hardware on rear exit w/ commercial type.
1161	Exterior Doors/Hatches (C)	06-08-2020	06-08-2020	2	5%	$1.77	$129		Repaint rear exit door
1162	Exterior Doors/Hatches (C)	06-08-2020	06-08-2020	3	5%	$1.77	$129		Replace frame at rear exit w/ commercial
System: Floor System (3)						***Totals:***	***$10,512***	***$54,808***	
1164	Floor Structure (A)	06-08-2020	06-08-2020	2	25%	$28.80	$10,512		Shore areas which are settling and replace floor joists with numerous holes from past construction
System: Roof System (4)						***Totals:***	***$4,026***	***$17,184***	
2	Structure (A)	04-18-2014	06-08-2020	2	3%	$3.15	$138		Replace wood joists where sagging on north side
3	Covering (B)	04-18-2014	06-08-2020	2	36%	$5.87	$3,085		Replace roof covering
4	Insulation (C)	04-18-2014	04-18-2014	5	20%	$2.75	$803		Insulate attic

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 6/8/2020

Building: Capitol Annex | **Gross Area:** 1,460 Sq Ft | **Report Renewal Cost:** $63,996

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $318.99 | **Deficiency Ratio:** 13.7%

Const. Date: 1922 | **Replacement Cost:** $465,725

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$15,407***	***$115,530***	
1166	Interior Wall Systems (A)	06-08-2020	06-08-2020	2	5%	$22.09	$1,613		Patch and repair misc. holes and scuffs
1168	Interior Doors/Hardware/Windows (	06-08-2020	06-08-2020	3	60%	$14.63	$12,816		Replace residential grade doors w/ commercial
1169	Floor Finishes (D)	06-08-2020	06-08-2020	2	6%	$11.17	$978		Replace carpet patches w/ matching carpet
System: Specialties (6)						***Totals:***	***$31***	***$29,550***	
5	Signage/Directories (B)	04-18-2014	06-08-2020	3	2%	$1.06	$31		Install signage throughout building.
System: Plumbing System (8)						***Totals:***	***$4,608***	***$70,357***	
1171	Supply Piping (B)	06-08-2020	06-08-2020	2	10%	$25.46	$3,717		Wear/tear due to age
1172	Waste Piping (C)	06-08-2020	06-08-2020	2	5%	$12.20	$891		Wear/tear due to age
System: Electrical System (9)						***Totals:***	***$14,360***	***$68,021***	
10	Distribution (C)	04-18-2014	06-08-2020	2	5%	$14.68	$1,072		Upgrade obsolete distribution panels.
11	Distribution (C)	04-18-2014	07-11-2016	3	50%	$14.68	$10,716		Upgrade distribution wiring. (Per 2016 FCA: investigate cloth wiring and feeders)
1174	Distribution (C)	06-08-2020	06-08-2020	3	12%	$14.68	$2,572		Upgrade old distribution wiring
System: Safety System (11)						***Totals:***	***$699***	***$29,142***	
1176	Egress (A)	06-08-2020	06-08-2020	3	10%	$4.79	$699		Rear exit passes through a restroom.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 7/20/2021

Building: Boiler Plant | **Gross Area:** 7,946 Sq Ft | **Report Renewal Cost:** $167,136

Building Type/ Age Class: Central Heating Facilities (7B) | **Cost/Sq Ft:** $189.59 | **Deficiency Ratio:** 11.1%

Const. Date: 1969 | **Replacement Cost:** $1,506,482

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$22,580***	***$382,918***	
1426	Exterior Walls (A)	07-20-2021	07-20-2021	2	7%	$29.66	$16,497		Light scuffs and chalking of paint finish
1427	Exterior Windows (B)	07-20-2021	07-20-2021	2	25%	$0.59	$1,172		Clean and lubricate hardware, replace backer rod and caulk seal at exterior jambs and head, repaint interior jambs and sill.
1428	Exterior Doors/Hatches (C)	07-20-2021	07-20-2021	2	20%	$3.09	$4,911		Repaint overhead door and replace all aged/worn hardware. Remove and replace all rusted hollow metal doors with pre-finished insulated and new hardware.
System: Roof System (4)						***Totals:***	***$39,015***	***$157,331***	
1429	Covering (B)	07-20-2021	07-20-2021	2	50%	$9.82	$39,015		Existing EPDM roof is at approximately 50% life expectancy. Inspect quarterly and clean annually or more often as necessary.
System: Finishes (5)						***Totals:***	***$22,224***	***$82,877***	
1430	Interior Doors/Hardware/Windows (C)	07-20-2021	07-20-2021	2	29%	$0.64	$1,475		Replace failing hinges, closers, and latch hardware. Repaint door slabs and frame.
1431	Floor Finishes (D)	07-20-2021	07-20-2021	2	48%	$5.44	$20,749		Replace broadloom carpet in office areas with stain resistant carpet tile. Clean, prime, and repaint concrete floors throughout boiler and chiller rooms.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 7/20/2021

Building: Boiler Plant | **Gross Area:** 7,946 Sq Ft | **Report Renewal Cost:** $167,136

Building Type/ Age Class: Central Heating Facilities (7B) | **Cost/Sq Ft:** $189.59 | **Deficiency Ratio:** 11.1%

Const. Date: 1969 | **Replacement Cost:** $1,506,482

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$12,562***	***$125,785***	
610	Heating (A)	06-23-2015	07-20-2021	2	10%	$7.91	$6,285		Since complete system replacement in 2018, several "Armstrong" brand pumps have been replaced due to continuous bearing failures. Current deficiencies can be corrected with additional building automation controls.
611	Cooling (C)	06-23-2015	06-23-2015	5	50%	$1.58	$6,277		Initiate work to install VFD Controls on Chiller.
System: Plumbing System (8)						***Totals:***	***$4,422***	***$85,102***	
612	Fixtures (A)	06-23-2015	07-20-2021	2	35%	$1.59	$4,422		Some fixtures are at end of life. Replace where needed.
System: Electrical System (9)						***Totals:***	***$19,928***	***$128,646***	
613	Distribution (C)	06-23-2015	06-23-2015	1	30%	$8.09	$19,285		Install backup generator. Generat would have to power critical systems in Mitchell, the Capitol, Capitol Annex, and Old Livestock. The % reflects power distribution to key areas. The 4 buildings comprise over 320,000 sq ft. Note: (use 300 kW generator?)
615	Distribution (C)	07-20-2021	07-20-2021	5	1%	$8.09	$643		Solar panels are not operating at the moment. Solar Panels need new inverters - investigate meters to see if they work.
System: Safety System (11)						***Totals:***	***$46,405***	***$186,016***	
1433	Exit/Emergency Lighting/Alarms (C)	07-20-2021	07-20-2021	1	80%	$7.30	$46,405		Install fire alarm system and install additional emergency lighting

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 0.93 | **Last Audit Date:** 7/6/2020

Building: State Capitol | **Gross Area:** 179,672 Sq Ft | **Report Renewal Cost:** $6,348,407

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $206.01 | **Deficiency Ratio:** 17.2%

Const. Date: 1889 | **Replacement Cost:** $37,014,229

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$200,604***	***$1,092,406***	
747	Footings/Foundation Walls (A)	10-20-2016	07-06-2020	2	15%	$4.01	$108,073		Light wells near foundations are damaged. Glass panels in many of them are broken or cracked. Repair or restore.
186	Exterior Steps/Retaining Walls (B)	06-02-2014	07-06-2020	2	20%	$2.06	$74,025		South stairwells are in poor shape, repair as soon as feasible.
748	Exterior Steps/Retaining Walls (B)	10-20-2016	07-06-2020	2	5%	$2.06	$18,506		Replace sensors in heated sidewalk at north entry.
System: Envelope (2)						***Totals:***	***$700,613***	***$3,523,368***	
188	Exterior Walls (A)	06-02-2014	07-06-2020	2	2%	$5.32	$19,117		Repair exterior stucco enclosure over north entry roof
765	Exterior Walls (A)	06-02-2014	07-06-2020	2	45%	$5.32	$430,135		Spalling on sandstone and granite surfaces has increased. Large chunks have blown off the building in some areas.
763	Exterior Windows (B)	06-02-2014	07-06-2020	2	20%	$6.14	$220,637		Paint all exterior wood sills - many sills are peeling, cracking, or rotting.
749	Exterior Doors/Hatches (C)	10-20-2016	07-06-2020	2	15%	$1.14	$30,724		All metal doors need to be repainted and all wooden doors need to be refinished.

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 0.93 | **Last Audit Date:** 7/6/2020

Building: State Capitol | **Gross Area:** 179,672 Sq Ft | **Report Renewal Cost:** $6,348,407

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $206.01 | **Deficiency Ratio:** 17.2%

Const. Date: 1889 | **Replacement Cost:** $37,014,229

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)						***Totals:***	***$792,894***	***$1,365,507***	
194	Covering (B)	06-02-2014	07-06-2020	2	10%	$3.79	$68,096		Much of the copper ornamentation is in very poor shape. Carefully inspect any ornamentation that becomes after any excessive weather events (wind, hail, etc.).
195	Covering (B)	06-02-2014	07-06-2020	2	15%	$3.79	$102,144		The copper roofing and detailing has aged to a brittle state and can no longer be maintained with traditional repairs. Continue temporary repairs until the copper can be replaced.
761	Covering (B)	06-02-2014	07-06-2020	2	75%	$3.79	$510,718		Approximately 75% of the EPDM roof membrane is past life expectancy. Continue inspecting and patching the membrane monthly until it can be replaced.
1435	Insulation (C)	07-06-2020	07-06-2020	2	35%	$1.78	$111,936		Roof membrane failure has allowed water to saturate the underlying insulation. This water is trapped between the roof membrane and concrete deck and cannot be removed. Replace water damaged/saturated insulation during future re-roof project(s).
System: Finishes (5)						***Totals:***	***$678,836***	***$9,181,239***	
752	Floor Finishes (D)	10-20-2016	07-06-2020	2	10%	$7.22	$129,723		Need to regrout all tile.
769	Floor Finishes (D)	07-06-2020	07-06-2020	2	35%	$7.22	$454,031		Several areas have been recarpeted in recent years. Continue ongoing efforts to replace badly worn carpets with new.
753	Wall Finishes (E)	10-20-2016	07-06-2020	2	5%	$7.56	$67,916		Specialty/decorative painting repairs needed in the House, Senate, Rotunda, and Old Supreme Court chambers.
754	Wall Finishes (E)	10-20-2016	07-06-2020	2	2%	$7.56	$27,166		Ornate plaster, crowning, and other decorative finishes need repaired throughout.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 0.93 | **Last Audit Date:** 7/6/2020

Building: State Capitol | **Gross Area:** 179,672 Sq Ft | **Report Renewal Cost:** $6,348,407

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $206.01 | **Deficiency Ratio:** 17.2%

Const. Date: 1889 | **Replacement Cost:** $37,014,229

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$31,353***	***$2,348,313***	
755	Toilet Partitions (A)	10-20-2016	07-06-2020	2	5%	$1.59	$14,284		Marble partitions in the Men's and Women's bathrooms have minor fissures in them.
756	Fixed Seating/Risers (C)	10-20-2016	07-06-2020	2	10%	$0.95	$17,069		Seating is damaged and appropriate replacement parts are hard to find.
System: HVAC System (7)						***Totals:***	***$1,322,153***	***$4,171,984***	
197	Ventilating (B)	06-02-2014	07-06-2020	2	20%	$1.27	$45,637		Additional attic and restroom ventilation needed.
199	Ventilating (B)	06-02-2014	07-06-2020	5	1%	$1.27	$2,282		Add airflow proving switches on all exhaust
198	Cooling (C)	06-02-2014	07-06-2020	2	60%	$11.82	$1,274,234		Originally installed in 1983, air handler units 501 and 502 are beyond life expectancy and need to be replaced.
System: Plumbing System (8)						***Totals:***	***$849,489***	***$5,591,393***	
200	Waste Piping (C)	06-02-2014	07-06-2020	2	60%	$7.88	$849,489		Replace waste piping
System: Electrical System (9)						***Totals:***	***$1,094,562***	***$5,406,330***	
201	Lighting (B)	06-02-2014	07-06-2020	5	25%	$7.76	$348,564		Upgrade exterior lighting to LED
202	Lighting (B)	06-02-2014	07-06-2020	5	15%	$7.76	$209,138		Upgrade interior lighting to LED
757	Lighting (B)	10-20-2016	07-06-2020	2	30%	$7.76	$418,276		Cracked housings and exposed elements were observed in some exterior light fixtures. This is a hazard - repair or replace any damaged components. Research centralized digital controls for exterior lighting.
203	Voice/Data (D)	06-02-2014	07-06-2020	3	10%	$6.60	$118,584		Remove abandoned wire in tunnel, and throughout building.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 0.93 | **Last Audit Date:** 7/6/2020

Building: State Capitol | **Gross Area:** 179,672 Sq Ft | **Report Renewal Cost:** $6,348,407

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $206.01 | **Deficiency Ratio:** 17.2%

Const. Date: 1889 | **Replacement Cost:** $37,014,229

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Conveying (10)						***Totals:***	***$430,494***	***$1,076,235***	
758	Elevator/Lift (A)	10-20-2016	07-06-2020	2	40%	$5.99	$430,494		Elevator cabs are in fair condition, but the running gear and controls are frequently experiencing more down time and reliability issues. Continue with maintenance and arising repairs until a thorough and comprehensive project can be completed.
System: Safety System (11)						***Totals:***	***$247,409***	***$2,315,972***	
206	Exit/Emergency Lighting/Alarms (C)	06-02-2014	07-06-2020	2	5%	$4.59	$41,235		Replace emergency lighting
207	Exit/Emergency Lighting/Alarms (C)	06-02-2014	07-06-2020	3	25%	$4.59	$206,174		Investigate fire detection for total building

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1, 2, 3, 4, 5, 6, 7

Site: General Services- Complex
Building: Montana Historical Society
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1950

Area Correction: 0.96
Gross Area: 93,653 Sq Ft
Cost/Sq Ft: $224.26
Replacement Cost: $21,002,622

Last Audit Date: 10/11/2017
Report Renewal Cost: $4,165,238
Deficiency Ratio: 19.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$7,754***	***$487,932***	
881	Footings/Foundation Walls (A)	10-11-2017	10-11-2017	2	2%	$4.14	$7,754		Add damp proofing for foundation stem wall.
System: Envelope (2)						***Totals:***	***$713,786***	***$1,912,394***	
878	Exterior Walls (A)	10-11-2017	10-11-2017	2	5%	$5.49	$25,708		Repoint/re-caulk panel joints on exterior walls.
879	Exterior Walls (A)	10-11-2017	10-11-2017	2	2%	$5.49	$10,283		Address rust and bleed through issues on exterior wall panel brackets / caulking.
880	Exterior Walls (A)	10-11-2017	10-11-2017	2	7%	$5.49	$35,991		Exterior Insulation Finishing System (EIFS) on east end south wall by stairs is deteriorating. Re-apply or recoat the EIFS.
899	Exterior Windows (B)	09-17-2014	10-11-2017	2	80%	$7.46	$558,921		1950s single pane windows and other old windows should be replaced. See record 347 for a history of this deficiency
348	Exterior Doors/Hatches (C)	09-17-2014	09-17-2014	2	75%	$1.18	$82,883		Replace front doors.
System: Floor System (3)						***Totals:***	***$17,981***	***$2,344,135***	
882	Floor Structure (A)	10-11-2017	10-11-2017	2	1%	$19.20	$17,981		There is a floor crack in the third floor photograph storage area. Resolve as necessary.
System: Roof System (4)						***Totals:***	***$32,123***	***$686,476***	
885	Structure (A)	10-11-2017	10-11-2017	2	5%	$2.10	$9,834		Roof structure on canopy has failed. Replace.
350	Covering (B)	09-17-2014	09-17-2014	2	2%	$3.40	$6,368		Build cricket between drains
884	Covering (B)	10-11-2017	10-11-2017	2	5%	$3.40	$15,921		Replace cap sheet and granules on the bitumen roof.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 2 3 4 5 6 7

Site: General Services- Complex
Building: Montana Historical Society
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1950

Area Correction: 0.96
Gross Area: 93,653 Sq Ft
Cost/Sq Ft: $224.26
Replacement Cost: $21,002,622

Last Audit Date: 10/11/2017
Report Renewal Cost: $4,165,238
Deficiency Ratio: 19.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$317,363***	***$4,574,013***	
886	Interior Wall Systems (A)	10-11-2017	10-11-2017	2	5%	$13.39	$62,701		Vinyl and wall base scuffed up -gaps and shrinkage noticed. Entire building issue.
887	Interior Wall Systems (A)	10-11-2017	10-11-2017	2	1%	$13.39	$12,540		Peeling noticed at seams, nicks and other general wearout seen. Address as necessary.
373	Ceilings (B)	09-17-2014	10-11-2017	2	5%	$11.84	$55,443		Scrape/abate ceilings. 10/11/17 update - areas include the 2nd flr, 3rd flr, and gun room.
888	Ceilings (B)	10-11-2017	10-11-2017	2	2%	$11.84	$22,177		Accoustic ceiling tile worn out in basement and other areas. Replace.
351	Floor Finishes (D)	09-17-2014	09-17-2014	2	5%	$6.77	$31,702		Replace carpet throughout.
353	Wall Finishes (E)	09-17-2014	09-17-2014	6	20%	$7.09	$132,800		Need paint throughout.
System: Specialties (6)						***Totals:***	***$13,299***	***$1,314,888***	
893	Signage/Directories (B)	09-17-2014	10-11-2017	3	20%	$0.71	$13,299		Tactile signage needed in some areas. See record 354 for history on this item.
System: HVAC System (7)						***Totals:***	***$2,064,955***	***$3,264,744***	
889	Heating (A)	10-11-2017	10-11-2017	2	10%	$17.43	$163,237		Replace aging flue.
891	Heating (A)	09-17-2014	10-11-2017	2	20%	$17.43	$326,474		Upgrade control system. Refer to deactivated def. record 357.
355	Ventilating (B)	09-17-2014	09-17-2014	2	90%	$5.23	$440,825		Replace ventilation system. 10/11/17 update - Duct cleaning is badly needed.
897	Ventilating (B)	09-17-2014	10-11-2017	2	10%	$5.23	$48,981		Upgrade control system. See record 362 for a history.
356	Cooling (C)	09-17-2014	09-17-2014	2	90%	$12.20	$1,028,310		Replace cooling equipment.
363	Cooling (C)	09-17-2014	09-17-2014	2	5%	$12.20	$57,128		Upgrade control system.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex
Building: Montana Historical Society
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1950

Area Correction: 0.96
Gross Area: 93,653 Sq Ft
Cost/Sq Ft: $224.26
Replacement Cost: $21,002,622

Last Audit Date: 10/11/2017
Report Renewal Cost: $4,165,238
Deficiency Ratio: 19.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$83,258***	***$3,445,494***	
895	Fixtures (A)	09-17-2014	10-11-2017	2	10%	$8.89	$83,258		Replace bathroom fixtures and other 1950s era fixtures where requested. See deactivated record 358 for a history of this deficiency.
System: Electrical System (9)						***Totals:***	***$775,878***	***$3,197,313***	
367	Lighting (B)	09-17-2014	09-17-2014	2	30%	$9.01	$253,144		Replace 1950 T-12/T-6 Incandescents.
368	Distribution (C)	09-17-2014	09-17-2014	2	50%	$11.01	$515,560		Replace old 1950 distribution panels.
369	Voice/Data (D)	09-17-2014	09-17-2014	3	1%	$7.66	$7,174		Remove abandoned wire.
System: Conveying (10)						***Totals:***	***$79,090***	***$527,266***	
370	Elevator/Lift (A)	09-17-2014	09-17-2014	2	15%	$5.63	$79,090		Replace old controls.
System: Safety System (11)						***Totals:***	***$59,751***	***$1,246,521***	
371	Egress (A)	09-17-2014	10-11-2017	1	20%	$3.19	$59,751		Hoist improvement. 10/11/17 update - This item requires further investigation

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex
Area Correction: 0.94
Last Audit Date: 9/21/2020
Building: Mazurek
Gross Area: 103,864 Sq Ft
Report Renewal Cost: $2,859,738
Building Type/ Age Class: General Classroom/Office (3C)
Cost/Sq Ft: $222.56
Deficiency Ratio: 12.4%
Const. Date: 1982
Replacement Cost: $23,115,972

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$1,080***	***$529,706***	
1290	Exterior Steps/Retaining Walls (B)	09-21-2020	09-21-2020	1	1%	$1.04	$1,080		Slab below bridge has excessive slope and needs to be replaced to allow ADA access
System: Envelope (2)						***Totals:***	***$43,892***	***$2,077,280***	
151	Exterior Walls (A)	05-16-2014	09-21-2020	2	5%	$5.38	$27,939		Remove replace damaged exterior soffits. Re-point brick where failing
152	Exterior Windows (B)	05-16-2014	09-21-2020	2	1%	$7.31	$7,592		Delime window, replace rubber seals, and recaulk.
153	Exterior Doors/Hatches (C)	05-16-2014	09-21-2020	2	7%	$1.15	$8,361		Replace/repaint exterior doors that are salt damaged and replace failing hardware.
System: Floor System (3)						***Totals:***	***$58,579***	***$2,545,707***	
154	Floor Structure (A)	05-16-2014	09-21-2020	1	3%	$18.80	$58,579		Notable deflection observed on 2nd floor common area as evident by floor tiles popping loose from their mortar bed. Have an engineer investigate and administrate any required seismic solutions
System: Roof System (4)						***Totals:***	***$207,520***	***$745,744***	
801	Covering (B)	05-16-2014	09-21-2020	2	60%	$3.33	$207,520		Acrylic roof coating is beyond useful life as evidient by multiple leaks. Replace entire roof membrane, insulation, and install new overflow drains.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex
Area Correction: 0.94
Last Audit Date: 9/21/2020
Building: Mazurek
Gross Area: 103,864 Sq Ft
Report Renewal Cost: $2,859,738
Building Type/ Age Class: General Classroom/Office (3C)
Cost/Sq Ft: $222.56
Deficiency Ratio: 12.4%
Const. Date: 1982
Replacement Cost: $23,115,972

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$724,390***	***$4,967,815***	
160	Ceilings (B)	05-16-2014	09-21-2020	4	27%	$11.59	$325,022		Deep fissured tiles on 3rd and 4th floors are extensively sooted and cannot be cleaned. Replace w/ new. Replace damaged tiles throughout building as required.
789	Interior Doors/Hardware/Windows (	07-13-2017	09-21-2020	2	4%	$9.55	$39,676		General wear and tear and aging observed.
794	Floor Finishes (D)	05-16-2014	09-21-2020	2	47%	$6.63	$323,651		Replace carpet throughout.
788	Wall Finishes (E)	07-13-2017	09-21-2020	2	5%	$6.94	$36,041		General wear and tear observed. Janitorial closets are quite deteriorated.
System: Specialties (6)						***Totals:***	***$4,300***	***$1,438,516***	
164	Signage/Directories (B)	05-16-2014	09-21-2020	3	6%	$0.69	$4,300		Install code required "tactile" signage.
System: HVAC System (7)						***Totals:***	***$884,735***	***$3,545,917***	
172	Heating (A)	05-16-2014	09-21-2020	2	25%	$17.07	$443,240		Some controls have been upgraded, several remaining pneumatic controls and piping needs to be replaced or upgraded. Room units are at end of useful life and need to be replaced. Replace damaged and/or missing pipe insulation.
170	Ventilating (B)	05-16-2014	09-21-2020	2	6%	$5.12	$31,907		Replace pneumatic controls, room units and damaged fiber duct.
790	Cooling (C)	07-13-2017	09-21-2020	2	33%	$11.95	$409,588		Cooling tower at the end of its useful life. Replace cooling tower, pneumatic controls, room units and valves as required.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 0.94 | **Last Audit Date:** 9/21/2020

Building: Mazurek | **Gross Area:** 103,864 Sq Ft | **Report Renewal Cost:** $2,859,738

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $222.56 | **Deficiency Ratio:** 12.4%

Const. Date: 1982 | **Replacement Cost:** $23,115,972

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$372,446***	***$3,788,959***	
792	Fixtures (A)	07-13-2017	09-21-2020	2	23%	$9.17	$219,060		Fixtures continue to age and are at the end of their life. Replace worn out fixtures with new water and energy saving ones.
177	Supply Piping (B)	05-16-2014	09-21-2020	2	8%	$18.46	$153,386		Replace decayed fittings and valves. Hot water generation is at approximately 50% of life expectancy
System: Electrical System (9)						***Totals:***	***$538,700***	***$3,784,804***	
786	Lighting (B)	07-13-2017	09-21-2020	1	2%	$9.80	$20,357		Abandoned lighting circuits that are rolled up and capped in ceiling need to be removed all the way back to the breaker panel.
1292	Lighting (B)	09-21-2020	09-21-2020	2	20%	$9.80	$203,573		Replace damaged lenses, and ballasts & lamps that are at end of useful life
784	Distribution (C)	07-13-2017	09-21-2020	1	10%	$11.98	$124,429		Add GFCI devices in Kitchennettes and Justice bathrooms and re-index breaker panels that are not labeled.
180	Voice/Data (D)	05-16-2014	09-21-2020	1	22%	$8.33	$190,341		Approximately 70% of low voltage wiring in plenum spaces is not plenum rated.
System: Safety System (11)						***Totals:***	***$24,096***	***$1,353,348***	
1294	Exit/Emergency Lighting/Alarms (C	09-21-2020	09-21-2020	1	5%	$4.64	$24,096		Following power outages, multiple emergency lighting ballasts require replacement. Investiage and integrate solutions.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 0.96 | **Last Audit Date:** 10/5/2020

Building: Metcalf | **Gross Area:** 92,080 Sq Ft | **Report Renewal Cost:** $4,775,342

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $227.30 | **Deficiency Ratio:** 22.8%

Const. Date: 1982 | **Replacement Cost:** $20,929,784

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$63,443***	***$479,737***	
225	Exterior Steps/Retaining Walls (B)	06-23-2014	10-05-2020	2	65%	$1.06	$63,443		Replace exterior steps at northwest, southwest, and southeast entrance.
System: Envelope (2)						***Totals:***	***$58,562***	***$1,880,274***	
227	Exterior Walls (A)	06-23-2014	10-05-2020	2	2%	$5.49	$10,110		Rework caulking on joints of windows, walls, and cornice caps. building.
228	Exterior Walls (A)	06-23-2014	10-05-2020	2	2%	$5.49	$10,110		Repair paint on west soffits
1347	Exterior Windows (B)	10-05-2020	10-05-2020	2	4%	$7.46	$27,477		Replace missing crank handles and repair wood sills where water damaged
1349	Exterior Doors/Hatches (C)	10-05-2020	10-05-2020	2	10%	$1.18	$10,865		Replace failing door hardware. Refurbish and paint roof access frame and door.
System: Floor System (3)						***Totals:***	***$53,683***	***$2,304,762***	
1351	Stair Treads/Risers (B)	10-05-2020	10-05-2020	2	10%	$5.83	$53,683		Monitor microcracking throughout all stair landings and treads.
System: Roof System (4)						***Totals:***	***$212,888***	***$674,946***	
810	Covering (B)	06-23-2014	10-05-2020	2	20%	$3.40	$62,614		Replace kalwall on skylights. Please refer to deactivated record 230 for a history of this item.
814	Covering (B)	06-23-2014	10-05-2020	2	10%	$3.40	$31,307		Repair skylight seals, small and pyramid. Additional seals need repaired. Refer to record 229 for its history.
1353	Covering (B)	10-05-2020	10-05-2020	2	38%	$3.40	$118,967		Built Up Roof (BUR) is at approximately half its life expectancy.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex
Building: Metcalf
Building Type/ Age Class: General Classroom/Office (3C)
Const. Date: 1982

Area Correction: 0.96
Gross Area: 92,080 Sq Ft
Cost/Sq Ft: $227.30
Replacement Cost: $20,929,784

Last Audit Date: 10/5/2020
Report Renewal Cost: $4,775,342
Deficiency Ratio: 22.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$759,531***	***$4,497,187***	
1355	Interior Wall Systems (A)	10-05-2020	10-05-2020	1	21%	$13.39	$258,920		South guardrails on second floor have large gaps, fill gaps or replace assembly as required.
231	Ceilings (B)	06-23-2014	10-05-2020	2	2%	$11.84	$21,805		Replace damaged tiles
1356	Interior Doors/Hardware/Windows (	10-05-2020	10-05-2020	2	4%	$9.75	$35,911		Replace failing hardware, and re-finish door slabs and frames where required
232	Floor Finishes (D)	06-23-2014	10-05-2020	2	70%	$6.77	$436,367		Replace carpet throughout building
812	Wall Finishes (E)	06-23-2017	10-05-2020	2	1%	$7.09	$6,528		Some wood trim in the atrium and other areas needs refinished
System: Specialties (6)						***Totals:***	***$233,257***	***$1,302,932***	
1359	Toilet Partitions (A)	10-05-2020	10-05-2020	2	60%	$2.19	$120,993		Replace toilet partitions and room accessories throughout building.
1360	Chalk/Tack/Whiteboards/Cabinets (	10-05-2020	10-05-2020	2	12%	$10.16	$112,264		Re-finish wood cabinets throughout building

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 0.96 | **Last Audit Date:** 10/5/2020

Building: Metcalf | **Gross Area:** 92,080 Sq Ft | **Report Renewal Cost:** $4,775,342

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $227.30 | **Deficiency Ratio:** 22.8%

Const. Date: 1982 | **Replacement Cost:** $20,929,784

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$1,508,649***	***$3,209,909***	
234	Heating (A)	06-23-2014	10-05-2020	2	1%	$17.43	$16,050		Retro commisioning, include architectural study of skylights
1361	Heating (A)	10-05-2020	10-05-2020	2	55%	$17.43	$882,725		Replace boilers and pneumatic controls that are failing and well beyond life expectancy. Install new fittings and valves where failing, and replace missing/damaged pipe insulation
235	Ventilating (B)	06-23-2014	10-05-2020	2	1%	$5.23	$4,816		Retro commisioning, include architectural study of skylights
1363	Ventilating (B)	10-05-2020	10-05-2020	2	30%	$5.23	$144,474		Multiple air handlers and controls have failed and require replacement. Replace aged flex type ductwork that has failed and leaking. Update room ventilation units which are past life expectancy.
250	Cooling (C)	06-23-2014	10-05-2020	2	1%	$12.20	$11,234		Solar Blinds worn out. 7/27 Update - Solar blinds were found to be operational. The team left them at 25% closed.
806	Cooling (C)	06-23-2014	10-05-2020	2	20%	$12.20	$224,675		Pneumatic VAV controllers in offices don't work. Upgrade and re-balance.
1365	Cooling (C)	10-05-2020	10-05-2020	2	20%	$12.20	$224,675		Chiller system is past life expectancy and needs to be replaced. Replace pneumatic controls and upgrade DDC.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex
Building: Metcalf
Building Type/ Age Class: General Classroom/Office (3C)
Const. Date: 1982

Area Correction: 0.96
Gross Area: 92,080 Sq Ft
Cost/Sq Ft: $227.30
Replacement Cost: $20,929,784

Last Audit Date: 10/5/2020
Report Renewal Cost: $4,775,342
Deficiency Ratio: 22.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$1,001,112***	***$3,430,901***	
1367	Fixtures (A)	10-05-2020	10-05-2020	2	45%	$9.36	$387,841		Flush valves and faucets are aged and failing. Replace fixtures and valves throughout building as required.
1368	Supply Piping (B)	10-05-2020	10-05-2020	2	31%	$18.86	$538,355		Hot water generation is past life expectancy and needs to be replaced. One pump has failed and due for immediate replacement. Replace missing/damged pipe insulation throughout building as required.
1369	Waste Piping (C)	10-05-2020	10-05-2020	2	9%	$9.04	$74,916		Replace pipe fittings which are aged and starting to fail. Install new trap primers where missing.
System: Electrical System (9)						***Totals:***	***$419,452***	***$3,426,297***	
243	Lighting (B)	06-23-2014	10-05-2020	5	3%	$10.01	$27,652		Replace ballasts, switches, photoeye sensors, and occupancy sensors throughout building as required.
1371	Voice/Data (D)	10-05-2020	10-05-2020	1	50%	$8.51	$391,800		Remove abandoned voice/data cabling throughout building.
System: Conveying (10)						***Totals:***	***$295,494***	***$518,410***	
248	Elevator/Lift (A)	06-23-2014	10-05-2020	2	57%	$5.63	$295,494		Replace damaged cab finishes, aged and failing hoist way assemblies, and add fire recall to the controls.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex
Area Correction: 0.96
Last Audit Date: 10/5/2020
Building: Metcalf
Gross Area: 92,080 Sq Ft
Report Renewal Cost: $4,775,342
Building Type/ Age Class: General Classroom/Office (3C)
Cost/Sq Ft: $227.30
Deficiency Ratio: 22.8%
Const. Date: 1982
Replacement Cost: $20,929,784

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	***$169,271***	***$1,225,585***	
1373	Egress (A)	10-05-2020	10-05-2020	1	8%	$3.19	$23,499		Remove numerous dead-ends created by cubical configurations
1374	Extinguishing System (B)	10-05-2020	10-05-2020	1	3%	$5.37	$14,834		Extinguishing coverage over atrium is inadequate. Install new sprinkler heads as required.
1375	Exit/Emergency Lighting/Alarms (C	10-05-2020	10-05-2020	1	30%	$4.74	$130,938		Install additional heat/smoke detection throughout building. Upgrade fire alarm panel w/ addressable devices.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 1.16 | **Last Audit Date:** 5/11/2022

Building: Fish Wildlife and Parks HQ | **Gross Area:** 22,966 Sq Ft | **Report Renewal Cost:** $1,119,608

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $270.98 | **Deficiency Ratio:** 18.0%

Const. Date: 1975 | **Replacement Cost:** $6,223,327

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$30,419***	***$144,456***	
561	Footings/Foundation Walls (A)	06-11-2015	05-11-2022	2	20%	$5.01	$23,012		Lack of damp proofing on foundation walls has caused interior mold issues in the past. Settling cracks observed on east and west foundation walls. NE exit door wall has no foundation. Wall was built on existing cement sidewalk.
1468	Exterior Steps/Retaining Walls (B)	05-11-2022	05-11-2022	1	25%	$1.29	$7,407		Fix slope issues, trip hazards, negative drainage, and spalling sidewalks.
System: Envelope (2)						***Totals:***	***$58,805***	***$566,801***	
563	Exterior Walls (A)	06-11-2015	05-11-2022	2	15%	$6.63	$22,840		Stucco panels are starting to bow on north side. Minor cracking and staining was noted. Seal coats are needed in these areas.
564	Exterior Windows (B)	06-11-2015	05-11-2022	2	15%	$9.02	$31,073		Some damage and wear out noted. Some leaks in places. Some windows are at end of life.
562	Exterior Doors/Hatches (C)	06-11-2015	05-11-2022	2	15%	$1.42	$4,892		Remove and replace all rusted hollow metal doors with pre-finished insulated and new hardware.
System: Roof System (4)						***Totals:***	***$76,270***	***$203,479***	
565	Covering (B)	06-11-2015	05-11-2022	2	70%	$4.11	$66,073		Copper roof is in bad shape. Leaks can be seen insde the building on ceilings in main lobby. This needs to be replaced. Existing EPDM roof has numerous punctures and patches and is prone icicle damage from the copper roof above.
1467	Insulation (C)	05-11-2022	05-11-2022	2	20%	$2.22	$10,197		Roof membrane failure has allowed water to saturate the underlying insulation. This water is trapped between the roof membrane and steel deck and cannot be removed. Replace water damaged/saturated insulation during future re-roof project(s).

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.16 | **Last Audit Date:** 5/11/2022

Building: Fish Wildlife and Parks HQ | **Gross Area:** 22,966 Sq Ft | **Report Renewal Cost:** $1,119,608

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $270.98 | **Deficiency Ratio:** 18.0%

Const. Date: 1975 | **Replacement Cost:** $6,223,327

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$239,501***	***$1,355,453***	
1466	Interior Wall Systems (A)	05-11-2022	05-11-2022	2	5%	$16.18	$18,579		Paint scuffs noticed throughout, patch and repaint.
566	Ceilings (B)	06-11-2015	05-11-2022	1	23%	$14.31	$75,588		12 x 12 tiles showing age and wear and tear. Separation noted, replace as needed. Acoustic ceiling tiles and grids in mixed shape, replace damaged tiles and grid.
1465	Interior Doors/Hardware/Windows (C)	05-11-2022	05-11-2022	2	19%	$11.78	$51,403		Replace failing hinges, closers, and latch hardware. Repaint door slabs and frame.
567	Floor Finishes (D)	06-11-2015	05-11-2022	2	50%	$8.18	$93,931		Carpet is worn in main traffic areas. VCT is also worn out in a few areas. Lino in upstairs bathrooms is cracking. Look to make comprehensive improvements at the same time so as not to "bandage" the issues present with finishes.
System: Specialties (6)						***Totals:***	***$36,826***	***$389,503***	
1464	Toilet Partitions (A)	05-11-2022	05-11-2022	2	15%	$2.51	$8,647		Replace failing hinges and latch hardware.
568	Chalk/Tack/Whiteboards/Cabinets (D)	06-11-2015	05-11-2022	2	10%	$12.27	$28,179		Minor wear/tear on cabinets. Clean, refinish, and replace hardware.
System: HVAC System (7)						***Totals:***	***$235,043***	***$967,558***	
1463	Heating (A)	05-11-2022	05-11-2022	4	10%	$21.06	$48,366		Several thermostats are in less-than-ideal locations and should be relocated.
569	Ventilating (B)	06-11-2015	05-11-2022	4	10%	$6.32	$14,515		Replace fans with new. Clean and reseal ductwork. Test and Balance entire system.
570	Ventilating (B)	06-11-2015	05-11-2022	4	2%	$6.32	$2,903		Add ventilation in licensing area
571	Cooling (C)	06-11-2015	05-11-2022	2	50%	$14.74	$169,259		Multiple air handlers are at end of life and due for replacement.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.16 | **Last Audit Date:** 5/11/2022

Building: Fish Wildlife and Parks HQ | **Gross Area:** 22,966 Sq Ft | **Report Renewal Cost:** $1,119,608

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $270.98 | **Deficiency Ratio:** 18.0%

Const. Date: 1975 | **Replacement Cost:** $6,223,327

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$133,292***	***$1,020,839***	
1460	Fixtures (A)	05-11-2022	05-11-2022	2	10%	$10.75	$24,688		Some of the original fixtures have been upgraded with newer flush valves and faucets. Continue replacing older components on these fixtures as they fail.
1461	Supply Piping (B)	05-11-2022	05-11-2022	2	15%	$22.79	$78,509		Water heater is at approximately 50% life expectancy.
1462	Waste Piping (C)	05-11-2022	05-11-2022	2	12%	$10.92	$30,095		Cast iron waste piping is original from 1975. Inspect annually.
System: Electrical System (9)						***Totals:***	***$227,697***	***$947,348***	
1459	Building Service (A)	05-11-2022	05-11-2022	2	10%	$7.79	$17,891		Deficiency rating indicates age of switchgear and primary panels. Inspect yearly.
572	Lighting (B)	06-11-2015	05-11-2022	4	35%	$10.89	$87,535		Upgrade to LED lights due to a high amount of work orders being entered, and to lower operating costs.
573	Distribution (C)	06-11-2015	05-11-2022	1	40%	$13.31	$122,271		Some panels are obsolete and running hot. These panels are overloaded and parts are not available. It is a hazard that should be removed.
System: Safety System (11)						***Totals:***	***$81,755***	***$369,293***	
1457	Egress (A)	05-11-2022	05-11-2022	1	18%	$3.86	$15,957		Basement corridor does not meet 1-hour fire rated construction, seal penetrations as required to meet UL rated assemblies. Exit routes are poorly defined in interstitial spaces, rearrange cubicle and furniture layouts to accommodate safe egress routes.
1458	Exit/Emergency Lighting/Alarms (C)	05-11-2022	05-11-2022	1	50%	$5.73	$65,798		Install fire alarm system and upgrade emergency lighting.

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex
Building: OPI- 1300 11th ave.
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1972

Area Correction: 1.16
Gross Area: 20,125 Sq Ft
Cost/Sq Ft: $270.98
Replacement Cost: $5,453,472

Last Audit Date: 6/8/2021
Report Renewal Cost: $3,051,203
Deficiency Ratio: 55.9%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Foundations (1)						
434	Footings/Foundation Walls (A)	10/22/2014	6/8/2021	2	1%	Repair delamination east side
923	Exterior Steps/Retaining Walls (	6/28/2018	6/8/2021	3	80%	Replace stairs and ramp
System: Envelope (2)						
435	Exterior Windows (B)	10/22/2014	6/8/2021	2	69%	Replace all windows
924	Exterior Windows (B)	6/28/2018	6/8/2021	2	29%	The FCA team identified that all windows need to be replaced due to age. They are not efficient and there is an opportunity for energy conservation.
926	Exterior Doors/Hatches (C)	6/28/2018	6/8/2021	2	50%	A few exterior doors were damaged and worn out. Replace.
System: Floor System (3)						
927	Floor Structure (A)	6/28/2018	6/8/2021	3	63%	Floor structure out of compliance with current building codes and standards.
1380	Stair Treads/Risers (B)	6/8/2021	6/8/2021	2	30%	Tread/riser dimensions out of compliance.

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories
- [x] 1
- [x] 2
- [x] 3
- [x] 4
- [x] 5
- [x] 6
- [ ] 7

Site: General Services- Complex | **Area Correction:** 1.16 | **Last Audit Date:** 6/8/2021

Building: OPI- 1300 11th ave. | **Gross Area:** 20,125 Sq Ft | **Report Renewal Cost:** $3,051,203

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $270.98 | **Deficiency Ratio:** 55.9%

Const. Date: 1972 | **Replacement Cost:** $5,453,472

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Roof System (4)						
928	Structure (A)	6/28/2018	6/8/2021	2	15%	Replace water damaged structure components.
436	Covering (B)	10/22/2014	6/8/2021	2	68%	Replace recoat covering. During audit two it was noticed that there is damage or leaks in the covering near rooftop mech. units.
929	Insulation (C)	6/28/2018	6/8/2021	2	70%	Water damage present in insulation. Replace at time of re-roof.
System: Finishes (5)						
931	Interior Wall Systems (A)	6/28/2018	6/8/2021	3	100%	Walls require attachment to structure
437	Interior Doors/Hardware/Windo	10/22/2014	6/8/2021	2	60%	Replace locksets throughout
438	Floor Finishes (D)	10/22/2014	6/8/2021	2	87%	Replace carpet throughout
934	Wall Finishes (E)	6/28/2018	6/8/2021	2	35%	Patch and paint scrapes and scratches.

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories
- [x] 1
- [x] 2
- [x] 3
- [x] 4
- [x] 5
- [x] 6
- [ ] 7

Site: General Services- Complex
Building: OPI- 1300 11th ave.
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1972

Area Correction: 1.16
Gross Area: 20,125 Sq Ft
Cost/Sq Ft: $270.98
Replacement Cost: $5,453,472

Last Audit Date: 6/8/2021
Report Renewal Cost: $3,051,203
Deficiency Ratio: 55.9%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Specialties (6)						
440	Signage/Directories (B)	10/22/2014	6/8/2021	3	35%	Signage is non-existant
System: HVAC System (7)						
442	Heating (A)	10/22/2014	6/8/2021	4	90%	Replace, system at end of life. Increasing percentage after 2018 audit.
443	Ventilating (B)	10/22/2014	6/8/2021	4	90%	Replace, system at end of life. . Increasing percentage after 2018 audit.
444	Cooling (C)	10/22/2014	6/8/2021	4	100%	Replace, system at end of life. Increasing percentage after 2018 audit

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex
Area Correction: 1.16
Last Audit Date: 6/8/2021

Building: OPI- 1300 11th ave.
Gross Area: 20,125 Sq Ft
Report Renewal Cost: $3,051,203

Building Type/ Age Class: General Classroom/Office (3B)
Cost/Sq Ft: $270.98
Deficiency Ratio: 55.9%

Const. Date: 1972
Replacement Cost: $5,453,472

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Plumbing System (8)						
445	Fixtures (A)	10/22/2014	6/8/2021	2	15%	Worn out, replace wiith energy saving fixtures. Fixtures have been replaced since last audit.
1383	Supply Piping (B)	6/8/2021	6/8/2021	2	35%	Replace waste plumbing
1384	Waste Piping (C)	6/8/2021	6/8/2021	2	35%	Replace waste plumbing
System: Electrical System (9)						
448	Building Service (A)	10/22/2014	6/8/2021	2	50%	Out of capacity and should upgrade
935	Lighting (B)	6/28/2018	6/8/2021	5	100%	Install LED Lighting throughout.
447	Distribution (C)	10/22/2014	6/8/2021	2	50%	Out of capacity and need to upgrade
System: Conveying (10)						
1386	Elevator/Lift (A)	6/8/2021	6/8/2021	2	30%	Elevator hoistway needs updated to be in compliance with current code

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex
Area Correction: 1.16
Last Audit Date: 6/8/2021
Building: OPI- 1300 11th ave.
Gross Area: 20,125 Sq Ft
Report Renewal Cost: $3,051,203
Building Type/ Age Class: General Classroom/Office (3B)
Cost/Sq Ft: $270.98
Deficiency Ratio: 55.9%
Const. Date: 1972
Replacement Cost: $5,453,472

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Safety System (11)						
450	Egress (A)	10/22/2014	6/8/2021	2	90%	Complete egress study to determine deficiency
937	Egress (A)	6/28/2018	6/8/2021	3	10%	Path of egress door swing and egress signage non-compliant.
451	Exit/Emergency Lighting/Alarms	10/22/2014	6/8/2021	2	90%	Complete egress study to determine deficiency
938	Exit/Emergency Lighting/Alarms	6/28/2018	6/8/2021	3	10%	Emergency lighting install throughout.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.16 | **Last Audit Date:** 6/28/2022

Building: DNRC Water Resources 1424 9th | **Gross Area:** 27,865 Sq Ft | **Report Renewal Cost:** $1,936,633

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $270.98 | **Deficiency Ratio:** 25.6%

Const. Date: 1972 | **Replacement Cost:** $7,550,858

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$42,926***	***$175,271***	
642	Footings/Foundation Walls (A)	08-31-2015	06-28-2022	2	5%	$5.01	$6,980		Differential movement of north wall. Shrinkage cracks every 6-8 feet. Investigate this further.
643	Exterior Steps/Retaining Walls (B)	08-31-2015	06-28-2022	2	90%	$1.29	$32,351		Each set of steps had noticeable areas of spalling and cracks. The railings on the steps were shot as well. Replace the steps.
644	Exterior Steps/Retaining Walls (B)	08-31-2015	06-28-2022	2	10%	$1.29	$3,595		Damage to concrete on the bridge leading to the main store front doors. Seal bridge with a water sealer.
System: Envelope (2)						***Totals:***	***$215,492***	***$687,708***	
646	Exterior Walls (A)	08-31-2015	06-28-2022	2	26%	$6.63	$48,034		Original exterior wall elements are showing deterioration consistent with their age. Maintain and inspect brick veneer yearly.
648	Exterior Walls (A)	08-31-2015	06-28-2022	2	2%	$6.63	$3,695		Caulk and backarod expansion joints.
650	Exterior Walls (A)	08-31-2015	06-28-2022	2	2%	$6.63	$3,695		Put metal sills over windows
645	Exterior Windows (B)	08-31-2015	06-28-2022	2	44%	$9.02	$110,591		Original windows are age deteriorated and no longer serviceable. Replace as soon as possible.
651	Exterior Doors/Hatches (C)	08-31-2015	06-28-2022	2	18%	$1.42	$7,122		Replace failing hinges, closers, and latch hardware.
1470	Interior Columns/Beams (D)	06-28-2022	06-28-2022	2	20%	$7.60	$42,355		Deficiency rating indicates age of construction. A seismic evaluation should be completed.
System: Floor System (3)						***Totals:***	***$178,336***	***$842,638***	
1472	Floor Structure (A)	06-28-2022	06-28-2022	1	20%	$23.20	$129,294		Deficiency rating indicates age of construction. A seismic evaluation should be completed.
1473	Stair Treads/Risers (B)	06-28-2022	06-28-2022	1	25%	$7.04	$49,042		Deficiency rating indicates age of construction. A seismic evaluation should be completed.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.16 | **Last Audit Date:** 6/28/2022

Building: DNRC Water Resources 1424 9th | **Gross Area:** 27,865 Sq Ft | **Report Renewal Cost:** $1,936,633

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $270.98 | **Deficiency Ratio:** 25.6%

Const. Date: 1972 | **Replacement Cost:** $7,550,858

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)						***Totals:***	***$81,074***	***$246,884***	
1475	Structure (A)	06-28-2022	06-28-2022	1	25%	$2.53	$17,625		Deficiency rating indicates age of construction. A seismic evaluation should be completed.
652	Covering (B)	08-31-2015	06-28-2022	2	50%	$4.11	$57,263		Thermoplastic roof membrane is beyond serviceable life, replace as soon as possible.
1476	Insulation (C)	06-28-2022	06-28-2022	2	10%	$2.22	$6,186		Roof membrane failure has allowed water to saturate the underlying insulation. This water is trapped between the roof membrane and steel deck and cannot be removed. Replace water damaged/saturated insulation during future re-roof project(s).
System: Finishes (5)						***Totals:***	***$264,151***	***$1,644,592***	
1478	Interior Wall Systems (A)	06-28-2022	06-28-2022	2	10%	$16.18	$45,086		Patch, repair, and paint.
1479	Ceilings (B)	06-28-2022	06-28-2022	2	5%	$14.31	$19,937		Replace damaged tiles.
1480	Interior Doors/Hardware/Windows (C)	06-28-2022	06-28-2022	2	19%	$11.78	$62,367		Replace failing hinges, closers, and latch hardware. Repaint door slabs and frame.
1481	Floor Finishes (D)	06-28-2022	06-28-2022	2	60%	$8.18	$136,761		Replace worn carpet throughout with stain resistant carpet tile.
System: Specialties (6)						***Totals:***	***$122,155***	***$472,590***	
653	Toilet Partitions (A)	08-31-2015	06-28-2022	2	28%	$2.51	$19,584		Vathroom toilet partitions are aging rapidly and are worn. Replace hardware, repaint metal partitions.
1483	Chalk/Tack/Whiteboards/Cabinets (D)	06-28-2022	06-28-2022	2	30%	$12.27	$102,571		Cabinets are showing deterioration consistent with their age. Clean and replace hardware.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 1.16 | **Last Audit Date:** 6/28/2022

Building: DNRC Water Resources 1424 9th | **Gross Area:** 27,865 Sq Ft | **Report Renewal Cost:** $1,936,633

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $270.98 | **Deficiency Ratio:** 25.6%

Const. Date: 1972 | **Replacement Cost:** $7,550,858

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$419,580***	***$1,173,952***	
654	Heating (A)	08-31-2015	06-28-2022	2	36%	$21.06	$211,261		Heat generating units are at approximately 50% life expectancy.
1485	Ventilating (B)	06-28-2022	06-28-2022	2	25%	$6.32	$44,027		Replace fans that are end of life. Seal ductwork, and test and balance entire system.
1486	Cooling (C)	06-28-2022	06-28-2022	2	40%	$14.74	$164,292		Chiller is at approximately 60% life expectancy.
System: Plumbing System (8)						***Totals:***	***$218,295***	***$1,238,599***	
1488	Supply Piping (B)	06-28-2022	06-28-2022	2	20%	$22.79	$127,009		Several fittings and valves are due for replacement.
1489	Waste Piping (C)	06-28-2022	06-28-2022	2	30%	$10.92	$91,286		Cast iron waste piping is original. Inspect annually.
System: Electrical System (9)						***Totals:***	***$267,421***	***$1,149,431***	
1491	Building Service (A)	06-28-2022	06-28-2022	2	30%	$7.79	$65,121		Deficiency rating indicates systems age. Inspect annually.
1492	Lighting (B)	06-28-2022	06-28-2022	2	30%	$10.89	$91,035		Switches have begun to fail, and more are expected to follow in suit. Replace all switches.
1493	Distribution (C)	06-28-2022	06-28-2022	2	30%	$13.31	$111,265		Deficiency rating indicates systems age. Inspect annually.
System: Conveying (10)						***Totals:***	***$47,370***	***$189,482***	
1495	Elevator/Lift (A)	06-28-2022	06-28-2022	2	25%	$6.80	$47,370		Deficiency rating indicates systems aged/worn components. Inspect annually.
System: Safety System (11)						***Totals:***	***$79,833***	***$448,069***	
1497	Exit/Emergency Lighting/Alarms (C)	06-28-2022	06-28-2022	1	50%	$5.73	$79,833		Fire alarm system is at approximately 50% life expectancy. Upgrade emergency lighting systems.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 0.96 | **Last Audit Date:** 5/28/2022

Building: Scott Hart | **Gross Area:** 81,383 Sq Ft | **Report Renewal Cost:** $5,496,298

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $212.66 | **Deficiency Ratio:** 31.8%

Const. Date: 1936 | **Replacement Cost:** $17,306,909

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$17,335***	***$510,271***	
540	Exterior Steps/Retaining Walls (B)	05-28-2015	05-25-2022	2	10%	$2.13	$17,335		Spalling noticed on steps at the main building entrances. Minor damage noted around horsehoe area
System: Envelope (2)						***Totals:***	***$544,769***	***$1,648,006***	
541	Exterior Walls (A)	05-28-2015	05-25-2022	2	25%	$5.49	$111,698		Painting completed in 2020 is not holding up well at sills and parapets. Patch and repair cracking concrete finish and repaint.
542	Exterior Windows (B)	05-28-2015	05-25-2022	2	75%	$6.34	$386,976		A very high level of damage and wear out was seen with exterior windows. In some areas there were weather seals on windows that had failed and were leaking. 100% replacement of justice side windows needed. SomeWindows are getting stained from paint runoff
543	Exterior Doors/Hatches (C)	05-28-2015	05-25-2022	2	45%	$1.18	$43,214		Ag side front door is in need of replacement due to age and wear and tear to hardware. Note: Fire escape doors, ramp doors, and storefront doors are also in need of some attention because of age.
544	Exterior Doors/Hatches (C)	05-28-2015	05-25-2022	2	3%	$1.18	$2,881		Hardware on entry doors at Rays area is damaged.
System: Roof System (4)						***Totals:***	***$467,952***	***$638,857***	
546	Covering (B)	05-28-2015	05-28-2022	2	100%	$3.92	$319,021		Entire roof membrane and temporary acrylic coating is beyond serviceable life. Replace as soon as possible.
1499	Insulation (C)	05-25-2022	05-25-2022	2	100%	$1.83	$148,931		Poor roof drainage and thermal values can be corrected with new insulation during re-roof.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 0.96 | **Last Audit Date:** 5/28/2022

Building: Scott Hart | **Gross Area:** 81,383 Sq Ft | **Report Renewal Cost:** $5,496,298

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $212.66 | **Deficiency Ratio:** 31.8%

Const. Date: 1936 | **Replacement Cost:** $17,306,909

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$1,361,537***	***$4,292,953***	
1502	Interior Wall Systems (A)	05-25-2022	05-25-2022	2	20%	$14.73	$239,754		Patch, repair and re-paint interior walls.
1501	Ceilings (B)	05-25-2022	05-25-2022	2	20%	$13.02	$211,921		Replace damaged ceiling tiles
547	Interior Doors/Hardware/Windows (C)	05-28-2015	05-25-2022	2	65%	$9.75	$515,765		Replace doors, and hardware throughout original building. Replace hardware and repaint door slabs and frames throughout north addition.
548	Floor Finishes (D)	05-28-2015	05-25-2022	2	65%	$7.45	$394,097		No recarpeting has been done on the 6th street side of the building. Occupants Except for the basement, carpet throughout the entire building is significantly worn and due for replacement.
System: Specialties (6)						***Totals:***	***$61,159***	***$1,097,857***	
549	Toilet Partitions (A)	05-28-2015	05-25-2022	2	35%	$1.64	$46,714		Replace hardware and re-paint partitions.
550	Signage/Directories (B)	05-28-2015	05-25-2022	3	25%	$0.71	$14,445		Lots of areas throughout the building with doors and areas not marked. Improve signage and numbering where needed.
System: HVAC System (7)						***Totals:***	***$1,133,137***	***$1,950,751***	
1504	Heating (A)	05-25-2022	05-25-2022	2	60%	$10.46	$510,760		Daikin VRV system has multiple issues and needs to be replaced.
552	Ventilating (B)	05-28-2015	05-25-2022	2	25%	$1.31	$26,653		System needs to be tested and balanced.
1505	Cooling (C)	05-25-2022	05-25-2022	2	60%	$12.20	$595,724		Daikin VRV system has multiple issues and needs to be replaced.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 0.96 | **Last Audit Date:** 5/28/2022

Building: Scott Hart | **Gross Area:** 81,383 Sq Ft | **Report Renewal Cost:** $5,496,298

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $212.66 | **Deficiency Ratio:** 31.8%

Const. Date: 1936 | **Replacement Cost:** $17,306,909

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$440,404***	***$2,614,836***	
553	Fixtures (A)	05-28-2015	05-25-2022	2	65%	$7.02	$371,351		Faucets need replacing in almost every bathroom. In some areas cracked toilets and cracked sinks were seen.Old flush valves and flushometers need to be swapped out.
554	Supply Piping (B)	05-28-2015	05-25-2022	2	5%	$16.97	$69,053		Water main in boiler room is leaking in the north basement, take action to resolve the issue.
System: Electrical System (9)						***Totals:***	***$781,098***	***$2,527,756***	
1507	Building Service (A)	05-25-2022	05-25-2022	2	34%	$6.45	$178,473		Deficiency rating indicates systems age. Inspect annually.
1508	Lighting (B)	05-25-2022	05-25-2022	2	46%	$8.01	$299,864		Several fixtures and switches are at end of life and need to be replaced.
555	Distribution (C)	05-28-2015	05-25-2022	2	38%	$9.79	$302,761		Install new panels where needed to replace antiquated smaller ones. There are at least 5 that can be replaced.
System: Conveying (10)						***Totals:***	***$251,880***	***$503,761***	
556	Elevator/Lift (A)	05-28-2015	05-25-2022	2	50%	$6.19	$251,880		Replace original AG side 1936 elevator.
System: Safety System (11)						***Totals:***	***$437,027***	***$1,083,208***	
1510	Extinguishing System (B)	05-25-2022	05-25-2022	1	100%	$5.37	$437,027		With long corridors and 5 stories, this building is an excellent candidate to add a sprinkler system to.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex
Building: Secretary of State Annex
Building Type/ Age Class: House, Single Family (31B)
Const. Date: 1954

Area Correction: 1.44
Gross Area: 3,156 Sq Ft
Cost/Sq Ft: $140.34
Replacement Cost: $442,913

Last Audit Date: 7/25/2019
Report Renewal Cost: $232,876
Deficiency Ratio: 52.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$2,588***	***$17,011***	
575	Exterior Steps/Retaining Walls (B)	06-23-2015	07-25-2019	2	100%	$0.82	$2,588		Steps have to be repaired. Spalling, cracking, and holes present. Some cracking in existing foundation 50%
System: Envelope (2)						***Totals:***	***$53,620***	***$62,457***	
576	Exterior Walls (A)	06-23-2015	07-25-2019	2	100%	$13.77	$43,458		All soffits and fascia need replaced. Most siding on the building is rotting from moisture penetration. Exterior walls are in very bad shape. Siding is falling off, paint is chipping, poor wall insulation leads to extreme hot and cold temps.
577	Exterior Windows (B)	06-23-2015	07-25-2019	2	100%	$2.77	$8,742		Exterior windows are in extremely poor shape. Framing around windows is crumbling and flaking. Some seals and hardware bent and banged up. Glass, paint, sealants,sills all worn out and weathered to a higher level after audit 2. Window hardware is missing.
578	Exterior Doors/Hatches (C)	06-23-2015	07-25-2019	2	100%	$0.45	$1,420		Doors are dated and reaching end of life - They are worn out. This includes all elements hardware, the slabs, paint and finish, and the frames. The condition has worsened since audit one.
System: Floor System (3)						***Totals:***	***$39,589***	***$67,917***	
579	Floor Structure (A)	06-23-2015	06-23-2015	2	70%	$17.92	$39,589		Floors are spungy and bouncy throughout. The floor structure is marginal. After audit two, trip hazards, an uneven surfance, and a structurally unsound floor was found. Increasing percentage deficiency by 40%.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 2 3 4 5 6 7

Site: General Services- Complex
Building: Secretary of State Annex
Building Type/ Age Class: House, Single Family (31B)
Const. Date: 1954
Area Correction: 1.44
Gross Area: 3,156 Sq Ft
Cost/Sq Ft: $140.34
Replacement Cost: $442,913
Last Audit Date: 7/25/2019
Report Renewal Cost: $232,876
Deficiency Ratio: 52.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)					***Totals:***		***$5,274***	***$11,078***	
581	Structure (A)	06-23-2015	07-25-2019	2	30%	$0.93	$881		Waves seen in roof structure. Structure really suffering a bit. Audit two results indicated there was a number of leaks in various areas.
582	Covering (B)	06-23-2015	07-25-2019	2	40%	$1.68	$2,121		Shingles are 6-10 years old - overall the covering for the roof system isn't in very good shape. Note: elastemeric recoat? Some leaks caused by inadequate roof drainage.
583	Insulation (C)	06-23-2015	06-23-2015	2	80%	$0.90	$2,272		Compressed Insulation is present in some areas but in most there was either none or a very small amount.
System: Finishes (5)					***Totals:***		***$86,489***	***$94,743***	
586	Interior Wall Systems (A)	06-23-2015	07-25-2019	2	85%	$7.23	$19,395		Acoustical issues with some of the meeting rooms. Meeting information can be heard by people outside with the doors closed etc.. Many holes in GWB.
584	Ceilings (B)	06-23-2015	06-23-2015	2	100%	$4.58	$14,454		Tiling is damaged in most areas of the annex. In some areas there is no sheet rock above ceiling tiles or it has been damaged. Overall tiling structure is non existent. Some tiles were stapled. Tiles starting to fall off, tiles are also hot with asbestos.
1135	Interior Doors/Hardware/Windows (	07-25-2019	07-25-2019	2	100%	$8.51	$26,858		Not fire resistant door material, or compliant door hardware.
585	Floor Finishes (D)	06-23-2015	06-23-2015	2	60%	$6.64	$12,574		Floor finishes are in need of replacement . "they are shot." Damage and wear out noted.
1138	Floor Finishes (D)	07-25-2019	07-25-2019	2	28%	$6.64	$5,868		Adding 28% to existing record from audit one. The condition of the carpeting in the building has deteriorated even further. Total 88% def in carpeting.
1137	Wall Finishes (E)	07-25-2019	07-25-2019	2	76%	$3.06	$7,340		Paint is chipping and falling off. Patch holes.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex
Building: Secretary of State Annex
Building Type/ Age Class: House, Single Family (31B)
Const. Date: 1954

Area Correction: 1.44
Gross Area: 3,156 Sq Ft
Cost/Sq Ft: $140.34
Replacement Cost: $442,913

Last Audit Date: 7/25/2019
Report Renewal Cost: $232,876
Deficiency Ratio: 52.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$27,997***	***$67,696***	
587	Heating (A)	06-23-2015	06-23-2015	2	60%	$9.86	$18,671		The building has heating. The stack on the roof should be replaced.
589	Cooling (C)	06-23-2015	06-23-2015	4	30%	$9.85	$9,326		Environmental improvements can be put into place for the cooling system.
System: Plumbing System (8)						***Totals:***	***$1,264***	***$75,744***	
590	Fixtures (A)	06-23-2015	06-23-2015	2	5%	$8.01	$1,264		Fixtures are dated. Replace with water saving fixtures.
System: Safety System (11)						***Totals:***	***$16,055***	***$23,575***	
1140	Extinguishing System (B)	07-25-2019	07-25-2019	3	100%	$4.25	$13,413		No existing sprinkler system.
1142	Exit/Emergency Lighting/Alarms (C	07-25-2019	07-25-2019	2	90%	$0.93	$2,642		No emergency lighting installed, no smoke detection system in building.

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex
Area Correction: 1.44
Last Audit Date: 6/15/2021
Building: Diane Building
Gross Area: 5,769 Sq Ft
Report Renewal Cost: $409,747
Building Type/ Age Class: General Classroom/Office (3B)
Cost/Sq Ft: $336.38
Deficiency Ratio: 21.1%
Const. Date: 1954
Replacement Cost: $1,940,576

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Foundations (1)						
462	Footings/Foundation Walls (A)	11/5/2014	11/5/2014	2	2%	Seal east side foundation
942	Footings/Foundation Walls (A)	7/31/2018	6/15/2021	2	98%	Address foundation structure, damp proofing, insulation
463	Exterior Steps/Retaining Walls (	11/5/2014	11/5/2014	2	3%	Repair back steps and install retaining wall
943	Exterior Steps/Retaining Walls (	7/31/2018	6/15/2021	2	26%	Front ramp rail / back steps spalling
System: Envelope (2)						
945	Exterior Walls (A)	7/31/2018	6/15/2021	2	32%	Paint coming off/rusting on exterior walls.
1405	Exterior Windows (B)	6/15/2021	6/15/2021	2	4%	Wear & tear
464	Exterior Doors/Hatches (C)	11/5/2014	6/15/2021	2	78%	Replace all exterior doors
System: Floor System (3)						
1407	Stair Treads/Risers (B)	6/15/2021	6/15/2021	3	100%	Stairs do not meet code

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex
Area Correction: 1.44
Last Audit Date: 6/15/2021
Building: Diane Building
Gross Area: 5,769 Sq Ft
Report Renewal Cost: $409,747
Building Type/ Age Class: General Classroom/Office (3B)
Cost/Sq Ft: $336.38
Deficiency Ratio: 21.1%
Const. Date: 1954
Replacement Cost: $1,940,576

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Roof System (4)						
465	Covering (B)	11/5/2014	11/5/2014	2	5%	Recoat Roof
951	Covering (B)	7/31/2018	6/15/2021	2	76%	Some wear and tear seen on covering.
470	Insulation (C)	11/5/2014	6/15/2021	5	1%	Add insulation
System: Finishes (5)						
1409	Ceilings (B)	6/15/2021	6/15/2021	2	3%	Wear & Tear
1411	Interior Doors/Hardware/Windo	6/15/2021	6/15/2021	3	20%	Replace knobs w/levers
949	Floor Finishes (D)	7/31/2018	6/15/2021	2	15%	Some wear and tear seen.
466	Wall Finishes (E)	11/5/2014	6/15/2021	2	2%	Repaint
System: Specialties (6)						
1413	Chalk/Tack/Whiteboards/Cabinet	6/15/2021	6/15/2021	2	8%	Wear & Tear

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex
Area Correction: 1.44
Last Audit Date: 6/15/2021

Building: Diane Building
Gross Area: 5,769 Sq Ft
Report Renewal Cost: $409,747

Building Type/ Age Class: General Classroom/Office (3B)
Cost/Sq Ft: $336.38
Deficiency Ratio: 21.1%

Const. Date: 1954
Replacement Cost: $1,940,576

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: HVAC System (7)						
1415	Heating (A)	6/15/2021	6/15/2021	2	2%	Wear & tear
1416	Heating (A)	6/15/2021	6/15/2021	3	2%	Need insulated
944	Ventilating (B)	7/31/2018	6/15/2021	4	99%	Air flow issues exist throughout building
469	Cooling (C)	11/5/2014	6/15/2021	5	25%	Upgrade and add air conditioning. Some AC units were added since audit one. Lowering from 60% (11/5/14) down to 20% as of 7/31/18.
System: Plumbing System (8)						
1418	Fixtures (A)	6/15/2021	6/15/2021	2	25%	Wear & tear
1419	Supply Piping (B)	6/15/2021	6/15/2021	2	13%	Wear & tear
1420	Waste Piping (C)	6/15/2021	6/15/2021	2	48%	Wear & tear

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex
Area Correction: 1.44
Last Audit Date: 6/15/2021
Building: Diane Building
Gross Area: 5,769 Sq Ft
Report Renewal Cost: $409,747
Building Type/ Age Class: General Classroom/Office (3B)
Cost/Sq Ft: $336.38
Deficiency Ratio: 21.1%
Const. Date: 1954
Replacement Cost: $1,940,576

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Electrical System (9)						
948	Lighting (B)	7/31/2018	6/15/2021	5	36%	Update lighting to LED.
947	Distribution (C)	7/31/2018	6/15/2021	4	16%	Several dimly lit areas noticed - take steps to address.
System: Safety System (11)						
1423	Egress (A)	6/15/2021	6/15/2021	1	35%	Needs adressed
1424	Exit/Emergency Lighting/Alarms	6/15/2021	6/15/2021	1	63%	Need emergency lighting & smoke sensors

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 7/13/2022

Building: 326 Washington Drive | **Gross Area:** 1,725 Sq Ft | **Report Renewal Cost:** $71,595

Building Type/ Age Class: House, Single Family (31A) | **Cost/Sq Ft:** $151.32 | **Deficiency Ratio:** 27.4%

Const. Date: 1947 | **Replacement Cost:** $261,027

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$4,487***	***$10,712***	
1439	Footings/Foundation Walls (A)	07-13-2022	07-13-2022	2	30%	$4.57	$2,365		Evident by minor internal efflorescence, it is unlikely the original foundation walls have ever received an external damp proofing application. Maintain good drainage away from the building.
694	Exterior Steps/Retaining Walls (B)	09-23-2015	07-13-2022	2	75%	$1.64	$2,122		Steps and retaining walls were in horrible shape. Take action to replace and fix observed deficiencies.
System: Envelope (2)						***Totals:***	***$3,497***	***$34,138***	
695	Exterior Walls (A)	09-23-2015	07-13-2022	2	11%	$13.77	$2,613		Siding replacement was completed in 2020 which mitigated further decay of structural and insulating wall components. Inspect annually and keep up routine maintenance (caulking, washing, etc.).
696	Exterior Windows (B)	09-23-2015	07-13-2022	2	4%	$2.36	$163		Window replacement completed in 2020. Inspect annually and keep up routine maintenance (caulking, washing, etc.).
697	Exterior Doors/Hatches (C)	09-23-2015	07-13-2022	2	7%	$0.45	$54		Exterior door replacement completed in 2020. Inspect annually and keep up routine maintenance (caulking, washing, etc.).
1440	Interior Columns/Beams (D)	07-13-2022	07-13-2022	2	12%	$3.22	$667		Minor sagging noted w/ beams
System: Floor System (3)						***Totals:***	***$6,502***	***$37,122***	
1441	Floor Structure (A)	07-13-2022	07-13-2022	2	14%	$17.92	$4,328		Notable slope identified throughout floor structure, minor crack noticed in basement slab on grade.
1442	Stair Treads/Risers (B)	07-13-2022	07-13-2022	3	35%	$3.60	$2,174		Stair treads and risers do not meet commercial code. Install handrails and guardrails to code requirements.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 7/13/2022

Building: 326 Washington Drive | **Gross Area:** 1,725 Sq Ft | **Report Renewal Cost:** $71,595

Building Type/ Age Class: House, Single Family (31A) | **Cost/Sq Ft:** $151.32 | **Deficiency Ratio:** 27.4%

Const. Date: 1947 | **Replacement Cost:** $261,027

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)						***Totals:***	***$1,142***	***$6,486***	
1443	Structure (A)	07-13-2022	07-13-2022	2	20%	$0.93	$321		Original roof plank decking shows minor signs of rot and decay. Replace plank decking with wood sheathing during the next re-roof.
1444	Covering (B)	07-13-2022	07-13-2022	2	20%	$1.93	$666		Asphalt shingles are approximately 50% through life expectancy but appear in good shape. Inspect annually.
698	Insulation (C)	09-23-2015	07-13-2020	5	10%	$0.90	$155		New insulation was blown into accessible portions of attic in 2020. Deficiency reflects areas which could not be accessed.
System: Finishes (5)						***Totals:***	***$14,473***	***$55,493***	
1445	Interior Doors/Hardware/Windows (C)	07-13-2022	07-13-2022	2	20%	$8.51	$2,936		Original door hinges have worn excessively and need to be replaced.
699	Floor Finishes (D)	09-23-2015	09-23-2015	2	80%	$7.31	$10,088		Carpet is very old, wrinkled, and damaged/worn in many areas of the house.
1446	Wall Finishes (E)	07-13-2022	07-13-2022	2	25%	$3.36	$1,449		Minor patch and paint touchups required throughout.
System: Specialties (6)						***Totals:***	***$952***	***$9,263***	
1447	Chalk/Tack/Whiteboards/Cabinets (D)	07-13-2022	07-13-2022	2	15%	$3.68	$952		Original cabinets are in fair shape for their age. Adjust/replace hardware as needed.

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 7/13/2022

Building: 326 Washington Drive | **Gross Area:** 1,725 Sq Ft | **Report Renewal Cost:** $71,595

Building Type/ Age Class: House, Single Family (31A) | **Cost/Sq Ft:** $151.32 | **Deficiency Ratio:** 27.4%

Const. Date: 1947 | **Replacement Cost:** $261,027

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$19,320***	***$27,945***	
700	Heating (A)	09-23-2015	07-13-2022	2	68%	$5.92	$6,944		1980's furnace is approaching end of maintainable life expectancy. Continue with routine maintenance and plan on replacement by 2025.
1449	Ventilating (B)	07-13-2022	07-13-2022	2	65%	$0.43	$482		Replace fans with new. Clean and reseal ductwork.
1450	Cooling (C)	07-13-2022	07-13-2022	2	70%	$9.85	$11,894		Replace condenser unit. Inspect and clean evaporator, replace if necessary during furnace replacement.
System: Plumbing System (8)						***Totals:***	***$17,143***	***$35,742***	
701	Fixtures (A)	09-23-2015	07-13-2022	2	38%	$6.32	$4,143		Some of the original 1947 fixtures have been upgraded with newer flush valves and faucets. Continue replacing older components on these fixtures as they fail.
1451	Supply Piping (B)	07-13-2022	07-13-2022	2	45%	$9.78	$7,592		Most valves and pipe fittings are at end of life. Inspect quarterly and replace when necessary.
702	Waste Piping (C)	09-23-2015	07-13-2022	2	68%	$4.61	$5,408		All cast iron waste piping is original from 1947. Where the average life expectancy of this component is 80-100 years, continue regular maintenance until a planned replacement between 2027 – 2047 can be performed.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 7/13/2022

Building: 326 Washington Drive | **Gross Area:** 1,725 Sq Ft | **Report Renewal Cost:** $71,595

Building Type/ Age Class: House, Single Family (31A) | **Cost/Sq Ft:** $151.32 | **Deficiency Ratio:** 27.4%

Const. Date: 1947 | **Replacement Cost:** $261,027

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)					***Totals:***		***$4,079***	***$19,993***	
1452	Building Service (A)	07-13-2022	07-13-2022	2	50%	$3.32	$2,864		Primary service panel has begun to show moderate rusting. Repaint or replace.
1453	Lighting (B)	07-13-2022	07-13-2022	2	10%	$3.17	$547		Much of the lighting has been retrofitted to LED. Deficiency reflects approximate aging decay of lights and use of switches.
1454	Distribution (C)	07-13-2022	07-13-2022	2	10%	$3.87	$668		Older electrical panels and outlets should be inspected annually and replaced as necessary.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 6/22/2021

Building: LivestockMilk Control-1225 8th | **Gross Area:** 1,707 Sq Ft | **Report Renewal Cost:** $105,209

Building Type/ Age Class: House, Single Family (31A) | **Cost/Sq Ft:** $135.24 | **Deficiency Ratio:** 45.6%

Const. Date: 1949 | **Replacement Cost:** $230,855

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$9,201***	***$10,600***	
521	Footings/Foundation Walls (A)	11-05-2014	06-22-2021	2	2%	$4.57	$156		seal foundation and add drainage
1000	Footings/Foundation Walls (A)	08-21-2018	06-22-2021	5	98%	$4.57	$7,645		Add insulation, seal foundation, re-route drainage.
1001	Exterior Steps/Retaining Walls (B)	08-21-2018	06-22-2021	2	50%	$1.64	$1,400		Exterior concrete steps are significantly deteriorated, replace as soon as possible.
System: Envelope (2)						***Totals:***	***$13,815***	***$33,782***	
523	Exterior Walls (A)	11-05-2014	06-22-2021	2	40%	$13.77	$9,402		Replace siding
519	Exterior Windows (B)	11-05-2014	06-22-2021	5	100%	$2.36	$4,029		Replace windows w/ low-E energy efficient types.
522	Exterior Doors/Hatches (C)	11-05-2014	06-22-2021	5	50%	$0.45	$384		Replace doors and hardware.
System: Floor System (3)						***Totals:***	***$6,145***	***$36,735***	
1003	Stair Treads/Risers (B)	08-21-2018	06-22-2021	3	100%	$3.60	$6,145		Tread/riser dimensions out of compliance.
System: Finishes (5)						***Totals:***	***$13,771***	***$54,914***	
1512	Interior Doors/Hardware/Windows (C)	06-22-2021	06-22-2021	2	40%	$8.51	$5,811		Replace hardware and repaint door slabs and frames throughout
518	Floor Finishes (D)	11-05-2014	06-22-2021	2	50%	$7.31	$6,239		Replace carpet.
1005	Wall Finishes (E)	08-21-2018	06-22-2021	2	30%	$3.36	$1,721		Repaint basement
System: Specialties (6)						***Totals:***	***$0***	***$9,167***	
529	Toilet Partitions (A)	11-05-2014	06-22-2021	2	50%	$0.00	$0		Replace toilet room accessories.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 6/22/2021

Building: LivestockMilk Control-1225 8th | **Gross Area:** 1,707 Sq Ft | **Report Renewal Cost:** $105,209

Building Type/ Age Class: House, Single Family (31A) | **Cost/Sq Ft:** $135.24 | **Deficiency Ratio:** 45.6%

Const. Date: 1949 | **Replacement Cost:** $230,855

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$27,653***	***$27,653***	
525	Heating (A)	11-05-2014	06-22-2021	2	100%	$5.92	$10,105		Install new furnace
1514	Ventilating (B)	06-22-2021	06-22-2021	2	100%	$0.43	$734		Replace ventilating components.
526	Cooling (C)	11-05-2014	06-22-2021	2	100%	$9.85	$16,814		Install air conditioning
System: Plumbing System (8)						***Totals:***	***$24,359***	***$35,369***	
1516	Fixtures (A)	06-22-2021	06-22-2021	2	60%	$6.32	$6,473		Replace all worn out plumbing fixture components.
1517	Supply Piping (B)	06-22-2021	06-22-2021	2	60%	$9.78	$10,017		Repair pipe insulation and replace water heater.
524	Waste Piping (C)	11-05-2014	06-22-2021	2	100%	$4.61	$7,869		Upgrade waste piping
System: Electrical System (9)						***Totals:***	***$9,312***	***$19,784***	
1006	Lighting (B)	08-21-2018	06-22-2021	5	50%	$3.17	$2,706		Update lighting to meet current office place standards.
527	Distribution (C)	11-05-2014	06-22-2021	1	90%	$3.87	$5,945		New distribution; panels full
528	Distribution (C)	11-05-2014	06-22-2021	2	10%	$3.87	$661		remove obsolete wiring
System: Safety System (11)						***Totals:***	***$953***	***$12,751***	
1521	Exit/Emergency Lighting/Alarms (C)	06-22-2021	06-22-2021	1	60%	$0.93	$953		Update fire alarm system.

Administration - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 6/22/2021

Building: Political Practices-1219 8th | **Gross Area:** 1,221 Sq Ft | **Report Renewal Cost:** $66,234

Building Type/ Age Class: House, Single Family (31A) | **Cost/Sq Ft:** $135.24 | **Deficiency Ratio:** 40.1%

Const. Date: 1895 | **Replacement Cost:** $165,128

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$3,650***	***$7,582***	
1053	Footings/Foundation Walls (A)	05-23-2019	06-22-2021	2	50%	$4.57	$2,790		Interior efflorescence indicating exterior moisure infiltration.
1054	Exterior Steps/Retaining Walls (B)	05-23-2019	06-22-2021	2	5%	$1.64	$100		Spalling in concrete. Patch and repair.
1055	Exterior Steps/Retaining Walls (B)	05-23-2019	06-22-2021	2	3%	$1.64	$60		Railing is weathered. Replace.
1056	Exterior Steps/Retaining Walls (B)	05-23-2019	06-22-2021	2	15%	$1.64	$300		Wear and tear, weathering in structure of stairs.
1057	Exterior Steps/Retaining Walls (B)	05-23-2019	06-22-2021	2	20%	$1.64	$400		Settling of soil and wall itself.
System: Envelope (2)						***Totals:***	***$19,411***	***$24,164***	
493	Exterior Walls (A)	11-05-2014	06-22-2021	2	31%	$13.77	$5,212		Replace siding
1058	Exterior Walls (A)	05-23-2019	06-22-2021	2	31%	$13.77	$5,212		Sandstone blocks need to be sealed.
1059	Exterior Walls (A)	05-23-2019	06-22-2021	2	35%	$13.77	$5,885		Mortar requires repointing,
495	Exterior Windows (B)	11-05-2014	06-22-2021	2	100%	$2.36	$2,882		Install new windows. Replace with new hardware, use insulated pane glass. Fix exterior sills that are spalling.
1523	Exterior Doors/Hatches (C)	06-22-2021	06-22-2021	2	40%	$0.45	$220		Replace doors and hardware
System: Floor System (3)						***Totals:***	***$1,094***	***$26,276***	
1061	Floor Structure (A)	05-23-2019	06-22-2021	2	5%	$17.92	$1,094		Floor joist was cut at floor vent. Add beam support between.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 6/22/2021

Building: Political Practices-1219 8th | **Gross Area:** 1,221 Sq Ft | **Report Renewal Cost:** $66,234

Building Type/ Age Class: House, Single Family (31A) | **Cost/Sq Ft:** $135.24 | **Deficiency Ratio:** 40.1%

Const. Date: 1895 | **Replacement Cost:** $165,128

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)						***Totals:***	***$259***	***$4,591***	
1062	Covering (B)	05-23-2019	06-22-2021	2	2%	$1.93	$47		Repaint ridge cap.
1063	Covering (B)	05-23-2019	06-22-2021	3	9%	$1.93	$212		No gutters to allow for drainage away from the building. Add gutters and downspouts.
System: Finishes (5)						***Totals:***	***$4,055***	***$39,280***	
1064	Interior Wall Systems (A)	05-23-2019	06-22-2021	2	5%	$7.95	$485		Some of the plaster is aging or damaged. Repair
496	Floor Finishes (D)	11-05-2014	06-22-2021	2	40%	$7.31	$3,570		Carpet shows signs of aging but is in otherwise good shape. Replace carpet with LVT in kitchen and bathroom.
System: Specialties (6)						***Totals:***	***$2,076***	***$6,557***	
501	Signage/Directories (B)	11-05-2014	06-22-2021	3	100%	$1.70	$2,076		Install signage. The house is currently being used for office space.
System: HVAC System (7)						***Totals:***	***$12,552***	***$19,780***	
1525	Ventilating (B)	06-22-2021	06-22-2021	2	100%	$0.43	$525		Complete ventilation replacement needed
1068	Cooling (C)	05-23-2019	06-22-2021	3	100%	$9.85	$12,027		Install cooling system

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 6/22/2021

Building: Political Practices-1219 8th | **Gross Area:** 1,221 Sq Ft | **Report Renewal Cost:** $66,234

Building Type/ Age Class: House, Single Family (31A) | **Cost/Sq Ft:** $135.24 | **Deficiency Ratio:** 40.1%

Const. Date: 1895 | **Replacement Cost:** $165,128

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$18,652***	***$25,299***	
1527	Fixtures (A)	06-22-2021	06-22-2021	2	60%	$6.32	$4,630		Some of the original fixtures have been upgraded with newer flush valves and faucets. Continue replacing older components on these fixtures as they fail.
1528	Supply Piping (B)	06-22-2021	06-22-2021	2	75%	$9.78	$8,956		Fittings, valves, and water heater are at end of life, replace as soon as possible.
1529	Waste Piping (C)	06-22-2021	06-22-2021	2	90%	$4.61	$5,066		Fittings, pipes, vents, traps, and clean-outs are at end of life, replace as soon as possible.
System: Electrical System (9)						***Totals:***	***$3,917***	***$14,151***	
500	Building Service (A)	11-05-2014	06-22-2021	2	50%	$3.32	$2,027		Primary service panel is rusted and obsolete.
1072	Distribution (C)	05-23-2019	06-22-2021	2	40%	$3.87	$1,890		Install new updated panels. Remove obselete wiring.
System: Safety System (11)						***Totals:***	***$568***	***$9,121***	
1073	Exit/Emergency Lighting/Alarms (C)	05-23-2019	06-22-2021	3	50%	$0.93	$568		Residential house is used as an office space.Install exit lighting and fire alarm.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 6/22/2021

Building: DEQ- 1209 8th Ave. | **Gross Area:** 2,302 Sq Ft | **Report Renewal Cost:** $130,349

Building Type/ Age Class: House, Single Family (31B) | **Cost/Sq Ft:** $140.34 | **Deficiency Ratio:** 40.3%

Const. Date: 1954 | **Replacement Cost:** $323,063

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$12,407***	***$12,408***	
477	Footings/Foundation Walls (A)	11-05-2014	06-22-2021	2	30%	$4.57	$3,156		Seal foundation and develop plan for runoff. Increasing record from 20 to 30% after audit two.
987	Footings/Foundation Walls (A)	08-21-2018	06-22-2021	5	70%	$4.57	$7,364		Add insulation.
472	Exterior Steps/Retaining Walls (B)	11-05-2014	06-22-2021	2	5%	$0.82	$94		Replace exterior steps
988	Exterior Steps/Retaining Walls (B)	08-21-2018	06-22-2021	2	95%	$0.82	$1,793		Replace exterior concrete steps
System: Envelope (2)						***Totals:***	***$22,848***	***$45,557***	
476	Exterior Walls (A)	11-05-2014	06-22-2021	2	50%	$13.77	$15,849		Replace cedar shakes and soffit
991	Exterior Windows (B)	08-21-2018	06-22-2021	2	100%	$2.77	$6,377		Existing windows are damaged and worn out. Replace.
1531	Exterior Doors/Hatches (C)	06-22-2021	06-22-2021	2	60%	$0.45	$622		Replace failing hinges, closers, and latch hardware. Repaint door slabs and frame.
System: Floor System (3)						***Totals:***	***$8,287***	***$49,539***	
993	Stair Treads/Risers (B)	08-21-2018	06-22-2021	3	100%	$3.60	$8,287		Tread/riser dimensions out of compliance.
System: Roof System (4)						***Totals:***	***$773***	***$8,080***	
475	Covering (B)	11-05-2014	06-22-2021	2	20%	$1.68	$773		Inspect yearly.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 6/22/2021

Building: DEQ- 1209 8th Ave. | **Gross Area:** 2,302 Sq Ft | **Report Renewal Cost:** $130,349

Building Type/ Age Class: House, Single Family (31B) | **Cost/Sq Ft:** $140.34 | **Deficiency Ratio:** 40.3%

Const. Date: 1954 | **Replacement Cost:** $323,063

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$11,636***	***$69,106***	
474	Floor Finishes (D)	11-05-2014	06-22-2021	2	60%	$6.64	$9,171		Replace carpet
995	Wall Finishes (E)	08-21-2018	06-22-2021	2	35%	$3.06	$2,465		Repaint basement.
System: Specialties (6)						***Totals:***	***$3,913***	***$12,362***	
478	Signage/Directories (B)	11-05-2014	06-22-2021	3	100%	$1.70	$3,913		Install signage
System: HVAC System (7)						***Totals:***	***$24,419***	***$49,378***	
1533	Heating (A)	06-22-2021	06-22-2021	2	30%	$9.86	$6,809		Heating system is at approximately 50% life expectancy.
998	Ventilating (B)	08-21-2018	06-22-2021	4	100%	$1.74	$4,005		Replace/reroute venting.
1534	Cooling (C)	06-22-2021	06-22-2021	2	60%	$9.85	$13,605		Cooling system is at approximately 75% life expectancy.
System: Plumbing System (8)						***Totals:***	***$36,442***	***$55,248***	
997	Fixtures (A)	08-21-2018	06-22-2021	2	45%	$8.01	$8,298		New fixtures needed in bathroom.
1536	Supply Piping (B)	06-22-2021	06-22-2021	2	70%	$10.87	$17,516		Fittings, valves, and water heater are at end of life, replace as soon as possible.
1537	Waste Piping (C)	06-22-2021	06-22-2021	2	90%	$5.13	$10,628		Fittings, pipes, vents, traps and clean-outs are at end of life, replace as soon as possible.
System: Electrical System (9)						***Totals:***	***$7,483***	***$29,051***	
1539	Lighting (B)	06-22-2021	06-22-2021	2	30%	$3.57	$2,465		Replace light fixtures and update lighting.
996	Distribution (C)	08-21-2018	06-22-2021	3	50%	$4.36	$5,018		Increase supply to meet standards.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 6/22/2021

Building: DEQ- 1209 8th Ave. | **Gross Area:** 2,302 Sq Ft | **Report Renewal Cost:** $130,349

Building Type/ Age Class: House, Single Family (31B) | **Cost/Sq Ft:** $140.34 | **Deficiency Ratio:** 40.3%

Const. Date: 1954 | **Replacement Cost:** $323,063

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	***$2,141***	***$17,196***	
1541	Exit/Emergency Lighting/Alarms (C)	06-22-2021	06-22-2021	1	100%	$0.93	$2,141		Install emergency lighting and fire alarm system.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 6/22/2021

Building: Political Practices 1205 8th | **Gross Area:** 2,004 Sq Ft | **Report Renewal Cost:** $136,064

Building Type/ Age Class: House, Single Family (31B) | **Cost/Sq Ft:** $140.34 | **Deficiency Ratio:** 48.4%

Const. Date: 1952 | **Replacement Cost:** $281,241

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$9,980***	***$10,802***	
503	Footings/Foundation Walls (A)	11-05-2014	06-22-2021	2	2%	$4.57	$183		Seal and regrade around foundation
968	Footings/Foundation Walls (A)	08-21-2018	06-22-2021	5	98%	$4.57	$8,975		Install insulation.
970	Exterior Steps/Retaining Walls (B)	08-21-2018	06-22-2021	2	50%	$0.82	$822		Replace exterior concrete steps.
System: Envelope (2)						***Totals:***	***$25,770***	***$39,659***	
504	Exterior Walls (A)	11-05-2014	06-22-2021	2	70%	$13.77	$19,317		Remove and replace siding
505	Exterior Windows (B)	11-05-2014	06-22-2021	2	100%	$2.77	$5,551		Windows are aged and worn, replace.
975	Exterior Doors/Hatches (C)	11-05-2014	06-22-2021	5	100%	$0.45	$902		Replace with energy efficient doors.
System: Floor System (3)						***Totals:***	***$7,214***	***$43,126***	
977	Stair Treads/Risers (B)	08-21-2018	06-22-2021	3	100%	$3.60	$7,214		Tread/riser dimensions out of compliance.
System: Roof System (4)						***Totals:***	***$2,270***	***$7,034***	
507	Structure (A)	11-05-2014	06-22-2021	2	25%	$0.93	$466		Replace porch roof. This item was removed and taken care of since the last audit.
512	Insulation (C)	08-21-2018	06-22-2021	5	100%	$0.90	$1,804		Install insulation

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 6/22/2021

Building: Political Practices 1205 8th | **Gross Area:** 2,004 Sq Ft | **Report Renewal Cost:** $136,064

Building Type/ Age Class: House, Single Family (31B) | **Cost/Sq Ft:** $140.34 | **Deficiency Ratio:** 48.4%

Const. Date: 1952 | **Replacement Cost:** $281,241

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$18,111***	***$60,160***	
509	Interior Doors/Hardware/Windows (C)	11-05-2014	06-22-2021	2	45%	$8.51	$7,674		replace interior doors
980	Floor Finishes (D)	08-21-2018	06-22-2021	2	60%	$6.64	$7,984		Replace carpet.
511	Wall Finishes (E)	11-05-2014	06-22-2021	2	10%	$3.06	$613		Repaint
981	Wall Finishes (E)	08-21-2018	06-22-2021	2	30%	$3.06	$1,840		Repaint basement.
System: Specialties (6)						***Totals:***	***$3,407***	***$10,761***	
1544	Toilet Partitions (A)	06-22-2021	06-22-2021	2	70%	$0.00	$0		Replace hardware and repaint partitions
513	Signage/Directories (B)	11-05-2014	06-22-2021	3	100%	$1.70	$3,407		Install signage
System: HVAC System (7)						***Totals:***	***$23,246***	***$42,986***	
514	Heating (A)	11-05-2014	06-22-2021	2	100%	$9.86	$19,759		Replace 1950 furnace
984	Ventilating (B)	08-21-2018	06-22-2021	2	100%	$1.74	$3,487		Replace / reroute venting.
System: Plumbing System (8)						***Totals:***	***$38,371***	***$48,096***	
1546	Fixtures (A)	06-22-2021	06-22-2021	2	80%	$8.01	$12,842		Replace aged components
1547	Supply Piping (B)	06-22-2021	06-22-2021	2	70%	$10.87	$15,248		Fittings, valves, and water heater are at end of life, replace as soon as possible
516	Waste Piping (C)	11-05-2014	06-22-2021	2	100%	$5.13	$10,281		Remove and upgrade waste piping

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 6/22/2021

Building: Political Practices 1205 8th | **Gross Area:** 2,004 Sq Ft | **Report Renewal Cost:** $136,064

Building Type/ Age Class: House, Single Family (31B) | **Cost/Sq Ft:** $140.34 | **Deficiency Ratio:** 48.4%

Const. Date: 1952 | **Replacement Cost:** $281,241

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$6,763***	***$25,290***	
1549	Building Service (A)	06-22-2021	06-22-2021	2	30%	$3.32	$1,996		Deficiency score indicates approximate age deterioration. Inspect annually.
1550	Lighting (B)	06-22-2021	06-22-2021	5	30%	$3.57	$2,146		Upgrade lighting to LED
1551	Distribution (C)	06-22-2021	06-22-2021	2	30%	$4.36	$2,621		Deficiency score indicates approximate age deterioration of devices and panel breakers. Inspect annually.
System: Safety System (11)						***Totals:***	***$932***	***$14,970***	
1553	Exit/Emergency Lighting/Alarms (C)	06-22-2021	06-22-2021	1	50%	$0.93	$932		Upgrade fire alarm and emergency lighting

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site:	General Services- Complex	**Area Correction:**	1.44	**Last Audit Date:**	7/13/2020
Building:	OGM Carriage House	**Gross Area:**	2,764 Sq Ft	**Report Renewal Cost:**	$40,223
Building Type/ Age Class:	General Classroom/Office (3A)	**Cost/Sq Ft:**	$318.99	**Deficiency Ratio:**	4.6%
Const. Date:	1888	**Replacement Cost:**	$881,688		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$9,023***	***$26,009***	
140	Footings/Foundation Walls (A)	05-09-2014	07-13-2020	2	10%	$6.21	$1,716		Repoint seal and repair wall
1231	Footings/Foundation Walls (A)	07-13-2020	07-13-2020	2	25%	$6.21	$4,291		Replace damp proofing below grade
1237	Footings/Foundation Walls (A)	07-13-2020	07-13-2020	2	15%	$6.21	$2,575		Foundation is settling, predominately in the south west corner. Excavate and provide structural reinforcement.
1232	Exterior Steps/Retaining Walls (B)	07-13-2020	07-13-2020	2	5%	$3.19	$441		Reset granite step at entry
System: Envelope (2)						***Totals:***	***$13,001***	***$83,943***	
141	Exterior Walls (A)	05-09-2014	07-13-2020	2	10%	$8.24	$2,278		Repoint and seal exterior bricks
142	Exterior Windows (B)	05-09-2014	07-13-2020	2	35%	$9.51	$9,200		Repair and repaint windows
143	Exterior Doors/Hatches (C)	05-09-2014	07-13-2020	2	25%	$1.77	$1,223		Add weatherstrip and/or flashing to door in loft
144	Interior Columns/Beams (D)	05-09-2014	05-09-2014	2	1%	$10.85	$300		Repair gable beam/ends.
System: Floor System (3)						***Totals:***	***$16,415***	***$103,761***	
1235	Floor Structure (A)	07-13-2020	07-13-2020	1	10%	$28.80	$7,960		Structural floor joists have minor water damage. The loft should not be occupied or used for storage
1234	Stair Treads/Risers (B)	07-13-2020	07-13-2020	1	35%	$8.74	$8,455		Wood steps are aged. Replace steps & stringers.
System: Roof System (4)						***Totals:***	***$1,784***	***$32,532***	
145	Covering (B)	05-09-2014	07-13-2020	2	5%	$5.87	$811		Replace flashing/ valley tin, rain gutters and misc shingles.
774	Covering (B)	11-28-2016	11-28-2016	2	1%	$5.87	$162		Repair flashing on east side.
775	Covering (B)	11-28-2016	07-13-2020	2	5%	$5.87	$811		Paint exterior trim and gable ends

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex
Building: Original Governor's Mansion
Building Type/ Age Class: General Classroom/Office (3A)
Const. Date: 1888

Area Correction: 1.21
Gross Area: 12,825 Sq Ft
Cost/Sq Ft: $268.04
Replacement Cost: $3,437,613

Last Audit Date: 7/13/2020
Report Renewal Cost: $353,712
Deficiency Ratio: 10.3%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Foundations (1)						
121	Footings/Foundation Walls (A)	5/9/2014	7/13/2020	2	5%	Repoint foundation walls.
1239	Footings/Foundation Walls (A)	7/13/2020	7/13/2020	2	25%	Replace damp proofing along east foundation wall
1240	Exterior Steps/Retaining Walls (	7/13/2020	7/13/2020	2	5%	Replace decaying wood steps
System: Envelope (2)						
123	Exterior Walls (A)	5/9/2014	7/13/2020	2	5%	Repoint exterior masonry. Minor repointing most noticeable on the south elevation and north chimney. Repoint granite perimeter retaining wall and reset displaced granite block 15 from the north end of front retaining wall.
124	Exterior Windows (B)	5/9/2014	7/13/2020	2	25%	Repaint windows-replace sealant-repair sash.
1242	Exterior Windows (B)	7/13/2020	7/13/2020	2	4%	Granite sill are decaying
System: Floor System (3)						
772	Floor Structure (A)	5/9/2014	7/13/2020	2	3%	Repair resurface mechanical room.

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex
Building: Original Governor's Mansion
Building Type/ Age Class: General Classroom/Office (3A)
Const. Date: 1888

Area Correction: 1.21
Gross Area: 12,825 Sq Ft
Cost/Sq Ft: $268.04
Replacement Cost: $3,437,613

Last Audit Date: 7/13/2020
Report Renewal Cost: $353,712
Deficiency Ratio: 10.3%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Roof System (4)						
1244	Structure (A)	7/13/2020	7/13/2020	2	4%	Replace decayed wood ballaster around exterior roof
127	Covering (B)	5/9/2014	7/13/2020	2	5%	Replace flashing, valley tin, damaged shingles, gutters, downspouts.
1253	Covering (B)	7/13/2020	7/13/2020	2	1%	Install heat tape at base of east cupola to alleviate ice damming at adjacent north roof and gutter
1246	Insulation (C)	7/13/2020	7/13/2020	4	30%	Add insulation to attic
System: Finishes (5)						
128	Ceilings (B)	5/9/2014	7/13/2020	2	2%	Repair various plaster.
129	Floor Finishes (D)	5/9/2014	7/13/2020	2	1%	Restore flooring in 2nd floor tea room and 3rd floor bathroom
1243	Floor Finishes (D)	7/13/2020	7/13/2020	2	10%	Refinish scuffs and scratches in floor
130	Wall Finishes (E)	5/9/2014	7/13/2020	2	3%	Repair plaster cracks and wallpaper.

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex
Area Correction: 1.21
Last Audit Date: 7/13/2020

Building: Original Governor's Mansion
Gross Area: 12,825 Sq Ft
Report Renewal Cost: $353,712

Building Type/ Age Class: General Classroom/Office (3A)
Cost/Sq Ft: $268.04
Deficiency Ratio: 10.3%

Const. Date: 1888
Replacement Cost: $3,437,613

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: HVAC System (7)						
117	Heating (A)	5/9/2014	7/13/2020	2	53%	Replace boiler and all components.
132	Heating (A)	5/9/2014	7/13/2020	5	6%	Insulate and paint steam pipe.
133	Heating (A)	5/9/2014	7/13/2020	3	5%	install and properly size combustion air damper. No boiler safety shutoff valve.
1248	Ventilating (B)	7/13/2020	7/13/2020	4	25%	Install ventilation throughout basement to alleviate moisture related issues
System: Plumbing System (8)						
1250	Supply Piping (B)	7/13/2020	7/13/2020	2	15%	Supply piping is aged and showing minor signs of decay
1251	Waste Piping (C)	7/13/2020	7/13/2020	2	15%	Waste piping is aged and showing minor signs of decay.

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex
Area Correction: 1.21
Last Audit Date: 7/13/2020
Building: Original Governor's Mansion
Gross Area: 12,825 Sq Ft
Report Renewal Cost: $353,712
Building Type/ Age Class: General Classroom/Office (3A)
Cost/Sq Ft: $268.04
Deficiency Ratio: 10.3%
Const. Date: 1888
Replacement Cost: $3,437,613

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Electrical System (9)						
136	Lighting (B)	5/9/2014	7/13/2020	5	60%	Replace lighting with LED
137	Voice/Data (D)	5/9/2014	7/13/2020	3	1%	Remove abandoned wire

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories
- [x] 1
- [x] 2
- [x] 3
- [x] 4
- [x] 5
- [x] 6
- [ ] 7

Site: General Services- Complex
Building: OPI-1227 11th Ave.
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1972
Area Correction: 1.21
Gross Area: 16,064 Sq Ft
Cost/Sq Ft: $282.66
Replacement Cost: $4,540,650
Last Audit Date: 6/1/2021
Report Renewal Cost: $1,565,445
Deficiency Ratio: 34.5%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Foundations (1)						
415	Exterior Steps/Retaining Walls (	10/22/2014	6/1/2021	2	5%	Replace concrete- steps on SW and NW entrance
907	Exterior Steps/Retaining Walls (	5/17/2018	6/1/2021	2	25%	Exterior steps including ramp / landing by NW employee entrance are significantly damaged. Increasing existing record 415. Actively investigating projects to resolve this deficiency.
System: Envelope (2)						
416	Exterior Walls (A)	10/22/2014	6/1/2021	2	12%	Patch damaged and poorly insulated dryvit. 2018 Cycle two update: there are still holes caused by birds. Watch and see whether owl decoys continue to keep them away.
905	Exterior Windows (B)	5/17/2018	6/1/2021	2	77%	Windows and seals are deteriorated. Hardware is failing. Windows are over 20 years old and are leaky.
906	Exterior Doors/Hatches (C)	5/17/2018	6/1/2021	2	100%	Replace exterior doors
903	Interior Columns/Beams (D)	5/17/2018	6/1/2021	2	1%	Paint is bubbling, cracking, and breaking down on exterior columns. Take steps to slow deterioriation.

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex
Building: OPI-1227 11th Ave.
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1972

Area Correction: 1.21
Gross Area: 16,064 Sq Ft
Cost/Sq Ft: $282.66
Replacement Cost: $4,540,650

Last Audit Date: 6/1/2021
Report Renewal Cost: $1,565,445
Deficiency Ratio: 34.5%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Floor System (3)						
1388	Floor Structure (A)	6/1/2021	6/1/2021	2	2%	Wear and tear of floor structure
System: Roof System (4)						
915	Covering (B)	10/22/2014	6/1/2021	2	2%	Re-cricket roof to fix ponding noticed on upper and lower roof. See original record #417 for more details.
917	Covering (B)	5/17/2017	6/1/2021	2	50%	This is an aging roof. Leaks have been patched over the years. Deterioration of components / covering is evident in areas. Continue to watch, maintain, and inspect the roof until funds and condition warrant full system replacement. See deact. record #418.
921	Covering (B)	5/17/2017	6/1/2021	2	5%	Roof covering walk on mats have almost completely been destroyed. These help maintain the roof covering condition in high traffic areas. Replace all mats.
919	Insulation (C)	5/17/2018	6/1/2021	2	55%	The roof insulation is wet and will never dry. This wetness affects the thermal insulation of the roof system and makes it less effective.

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex
Building: OPI-1227 11th Ave.
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1972
Area Correction: 1.21
Gross Area: 16,064 Sq Ft
Cost/Sq Ft: $282.66
Replacement Cost: $4,540,650
Last Audit Date: 6/1/2021
Report Renewal Cost: $1,565,445
Deficiency Ratio: 34.5%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Finishes (5)						
909	Ceilings (B)	5/17/2018	6/1/2021	2	10%	Ceiling tiles in different areas of the building were chipped and stained. Replace in cases where it makes sense or if damage is unsighlty.
910	Interior Doors/Hardware/Windo	5/17/2018	6/1/2021	2	53%	Severe delamination of interior window sills noted in many offices throughout the building. Especially in areas like the Superintendent's offices
420	Floor Finishes (D)	10/22/2014	6/1/2021	2	5%	Replace carpet- 2nd floor delaminating
911	Floor Finishes (D)	5/17/2018	6/1/2021	2	76%	Additional areas of carpeting lifting and bunching up. The increased wear has created a safety issue.This record is associated with existing record 420.
908	Wall Finishes (E)	5/17/2018	6/1/2021	2	20%	Touch up or paint walls in areas where damage is present and visible. Damaged finishes in hallways are an example.

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex
Building: OPI-1227 11th Ave.
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1972

Area Correction: 1.21
Gross Area: 16,064 Sq Ft
Cost/Sq Ft: $282.66
Replacement Cost: $4,540,650

Last Audit Date: 6/1/2021
Report Renewal Cost: $1,565,445
Deficiency Ratio: 34.5%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Specialties (6)						
1402	Toilet Partitions (A)	6/1/2021	6/1/2021	2	3%	Wear and tear of toilet partitions
1403	Signage/Directories (B)	6/1/2021	6/1/2021	2	8%	Wear & tear of signage cabinets
System: HVAC System (7)						
422	Heating (A)	10/22/2014	6/1/2021	4	86%	System is 15 years old. 5/17 update: increase by 10%, system has failed to keep people comfortable.
423	Ventilating (B)	10/22/2014	6/1/2021	4	68%	System is 15 years old, 5/17 update: increase by 10%, system has failed to keep people comfortable.
431	Ventilating (B)	10/22/2014	6/1/2021	3	10%	Install exhaust for bathrooms. 5/17 update - this item could be increased but other ventilation deficiencies are more severe.
424	Cooling (C)	10/22/2014	6/1/2021	4	86%	System is 15 years old. 5/17 update increase by 10% , system has failed to keep people comfortable.

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.21 | **Last Audit Date:** 6/1/2021

Building: OPI-1227 11th Ave. | **Gross Area:** 16,064 Sq Ft | **Report Renewal Cost:** $1,565,445

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $282.66 | **Deficiency Ratio:** 34.5%

Const. Date: 1972 | **Replacement Cost:** $4,540,650

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Plumbing System (8)						
913	Fixtures (A)	10/22/2014	6/1/2021	2	35%	Replace remaining old fixtures with newer more efficient versions. See original record 453 for more details.
1390	Supply Piping (B)	6/1/2021	6/1/2021	2	30%	Replace hot water generation
1391	Waste Piping (C)	6/1/2021	6/1/2021	2	29%	Replace clean outs
System: Electrical System (9)						
1393	Lighting (B)	6/1/2021	6/1/2021	2	33%	Replace llighting fixtures
1394	Distribution (C)	6/1/2021	6/1/2021	2	8%	Upgrade lighting devices
System: Conveying (10)						
1396	Elevator/Lift (A)	6/1/2021	6/1/2021	2	3%	Upgrade cab finishes & controlls

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex
Building: OPI-1227 11th Ave.
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1972

Area Correction: 1.21
Gross Area: 16,064 Sq Ft
Cost/Sq Ft: $282.66
Replacement Cost: $4,540,650

Last Audit Date: 6/1/2021
Report Renewal Cost: $1,565,445
Deficiency Ratio: 34.5%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Safety System (11)						
1398	Egress (A)	6/1/2021	6/1/2021	1	63%	Improve fire ratings to meet current standards and codes
1399	Extinguishing System (B)	6/1/2021	6/1/2021	1	100%	Sprinklers and standpipes need addressed
1400	Exit/Emergency Lighting/Alarms	6/1/2021	6/1/2021	1	6%	Address emergency lighting

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 1.08 | **Last Audit Date:** 7/27/2022

Building: DPHHS Commodities Warehouse | **Gross Area:** 38,000 Sq Ft | **Report Renewal Cost:** $1,074,952

Building Type/ Age Class: Warehouse/Storage Facilities (8C) | **Cost/Sq Ft:** $115.84 | **Deficiency Ratio:** 24.4%

Const. Date: 1996 | **Replacement Cost:** $4,401,920

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$62,092***	***$310,460***	
1676	Footings/Foundation Walls (A)	07-27-2022	07-27-2022	2	20%	$6.97	$52,972		Cracks noted.
1677	Exterior Steps/Retaining Walls (B)	07-27-2022	07-27-2022	2	20%	$1.20	$9,120		Repair/replace damaged concrete steps.
System: Envelope (2)						***Totals:***	***$140,619***	***$1,027,140***	
1679	Exterior Walls (A)	07-17-2022	07-17-2022	2	20%	$14.06	$106,856		Exterior finish is in fair shape showing only appropriate age deterioration
1680	Exterior Windows (B)	07-17-2022	07-17-2022	2	25%	$0.21	$1,995		Window components showing age related deterioration. Replace backer rod and caulk at all exterior windows.
1681	Exterior Doors/Hatches (C)	07-17-2022	07-17-2022	2	38%	$2.20	$31,768		Doors and hardware in fair shape. Add concrete slabs at exterior egress doors.
System: Floor System (3)						***Totals:***	***$83,372***	***$648,660***	
1683	Floor Structure (A)	07-17-2022	07-17-2022	2	12%	$15.25	$69,540		Cracking noted at slab on grade floors.
1684	Stair Treads/Risers (B)	07-17-2022	07-17-2022	2	20%	$1.82	$13,832		Refinish stair treads and risers.
System: Roof System (4)						***Totals:***	***$114,190***	***$564,300***	
704	Covering (B)	10-06-2015	07-17-2022	2	30%	$7.37	$84,018		Flashing work and polyurethane repairs to roof covering needed.
705	Insulation (C)	10-06-2015	07-17-2022	2	20%	$3.97	$30,172		Minor damage to insulation. There are at least three spots inside building that are torn and causing major leaks. Additional leakage happening around vents as reported by a commodities storage floor worker. Investigate and replace.

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.08 | **Last Audit Date:** 7/27/2022

Building: DPHHS Commodities Warehouse | **Gross Area:** 38,000 Sq Ft | **Report Renewal Cost:** $1,074,952

Building Type/ Age Class: Warehouse/Storage Facilities (8C) | **Cost/Sq Ft:** $115.84 | **Deficiency Ratio:** 24.4%

Const. Date: 1996 | **Replacement Cost:** $4,401,920

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$91,162***	***$281,960***	
1686	Ceilings (B)	07-17-2022	07-17-2022	2	15%	$1.35	$7,695		Replace damaged/stained ceiling tiles.
706	Interior Doors/Hardware/Windows (C)	10-06-2015	07-17-2022	1	1%	$0.45	$171		Freezer door throwbolt emergency latch is broken and is a safety concern. Replace with a new latch to resolve issue.
1687	Interior Doors/Hardware/Windows (C)	07-17-2022	07-17-2022	2	18%	$0.45	$3,078		Interior doors and hardware are in fair shape at this time but are beginning to show scuffs/damages.
707	Floor Finishes (D)	10-06-2015	07-17-2022	2	50%	$3.87	$73,530		The vinyl flooring in the mens' restroom was cracking a little bit. Tile in the employee breakroom was also seeing some of the same cracking. Replace/fix in these areas.
1688	Wall Finishes (E)	07-17-2022	07-17-2022	2	40%	$0.44	$6,688		Extensive cleaning and repainting needed throughout.
System: Specialties (6)						***Totals:***	***$1,140***	***$35,720***	
1690	Toilet Partitions (A)	07-17-2022	07-17-2022	2	20%	$0.15	$1,140		Clean partitions and adjust hardware.
System: HVAC System (7)						***Totals:***	***$204,539***	***$427,880***	
708	Heating (A)	10-06-2015	07-17-2022	4	47%	$5.63	$100,552		Upgrade older carrier furnace to a new high efficiency furnace similar to the carrier that sits next to it. Occupants want this change to allow for more zoning controls capabilities. The furnace is not unsafe or breaking down yet, it is not at end of life
1693	Ventilating (B)	07-17-2022	07-17-2022	2	47%	$4.50	$80,370		Upgrade air filtration and replace units beyond life expectancy.
1695	Cooling (C)	07-17-2022	07-17-2022	2	55%	$1.13	$23,617		Several chiller's at end of life.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.08 | **Last Audit Date:** 7/27/2022

Building: DPHHS Commodities Warehouse | **Gross Area:** 38,000 Sq Ft | **Report Renewal Cost:** $1,074,952

Building Type/ Age Class: Warehouse/Storage Facilities (8C) | **Cost/Sq Ft:** $115.84 | **Deficiency Ratio:** 24.4%

Const. Date: 1996 | **Replacement Cost:** $4,401,920

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$112,461***	***$291,460***	
1697	Fixtures (A)	07-17-2022	07-17-2022	2	45%	$1.19	$20,349		System components consistent with their life expectancy.
1698	Supply Piping (B)	07-17-2022	07-17-2022	2	30%	$1.72	$19,608		System components consistent with their life expectancy.
1699	Waste Piping (C)	07-17-2022	07-17-2022	3	40%	$4.77	$72,504		Add clean-outs.
System: Electrical System (9)						***Totals:***	***$115,171***	***$481,840***	
1701	Building Service (A)	07-17-2022	07-17-2022	2	25%	$1.06	$10,070		Deficiency indicates age deterioration of system components. Inspect yearly and maintain.
710	Lighting (B)	10-06-2015	07-17-2022	2	37%	$5.23	$73,534		Replace HPS wall packs for exterior lighting. Interior due for upgrades.
1702	Distribution (C)	07-17-2022	07-17-2022	2	13%	$6.39	$31,567		Deficiency indicates age deterioration of system components. Inspect yearly and maintain.
System: Safety System (11)						***Totals:***	***$150,206***	***$632,700***	
1704	Egress (A)	07-17-2022	07-17-2022	1	12%	$3.59	$16,370		Repair fire rated penetrations between offices and warehouse space.
1705	Extinguishing System (B)	07-17-2022	07-17-2022	1	25%	$7.86	$74,670		System components consistent with their life expectancy. Inspect yearly. Remove concrete from around sprinkler main for seismic movement.
1706	Exit/Emergency Lighting/Alarms (C)	07-17-2022	07-17-2022	1	30%	$5.19	$59,166		Emergency lighting components appear to be at end of life. Conduct further investigations on lighting and fire alarm system components.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 1.04 | **Last Audit Date:** 6/8/2022

Building: DNRC Aviation Facility | **Gross Area:** 42,541 Sq Ft | **Report Renewal Cost:** $2,225,024

Building Type/ Age Class: Warehouse/Storage Facilities (8B) | **Cost/Sq Ft:** $110.80 | **Deficiency Ratio:** 47.2%

Const. Date: 1958 | **Replacement Cost:** $4,713,543

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$71,364***	***$334,798***	
381	Footings/Foundation Walls (A)	10-08-2014	06-08-2022	2	5%	$6.71	$14,273		Break out concrete and reset steel tracks on hangar bay doors- the slider system is deteriorated. Some walls now exhibiting cracking in structure.
1105	Footings/Foundation Walls (A)	05-09-2019	06-08-2022	2	15%	$6.71	$42,818		Some cracks in foundation
1107	Footings/Foundation Walls (A)	05-09-2019	06-08-2022	2	5%	$6.71	$14,273		Some cracking and crumbling on steps.
System: Envelope (2)						***Totals:***	***$669,341***	***$1,107,342***	
375	Exterior Walls (A)	10-08-2014	06-08-2022	2	80%	$13.54	$460,804		Resecure seal joints and paint exterior walls and trim. Some cracking in structure, a few bricks have fallen off, soffits need painting due to weathering.
1051	Exterior Walls (A)	05-09-2019	06-08-2022	5	20%	$13.54	$115,201		Insulate all exterior walls.
376	Exterior Windows (B)	10-08-2014	06-08-2022	5	20%	$0.20	$1,702		Replace single pane exterior windows throughout - energy
377	Exterior Windows (B)	10-08-2014	06-08-2022	2	70%	$0.20	$5,956		Replace damaged and worn out single pane windows throughout. Replace all hardware, repaint, sealing is falling apart, window sills need paint and reconstruction.
1110	Exterior Doors/Hatches (C)	05-09-2019	06-08-2022	2	95%	$2.12	$85,678		Replace all rust rotten exterior doors and seals. Nearly all components of the 1972 hanger aircraft doors are worn out and should be replaced entirely.
System: Floor System (3)						***Totals:***	***$93,739***	***$699,374***	
1555	Floor Structure (A)	06-08-2022	06-08-2022	2	15%	$14.69	$93,739		Grout at hanger door tracks is in poor shape. Remove, replace, and repaint.

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.04 | **Last Audit Date:** 6/8/2022

Building: DNRC Aviation Facility | **Gross Area:** 42,541 Sq Ft | **Report Renewal Cost:** $2,225,024

Building Type/ Age Class: Warehouse/Storage Facilities (8B) | **Cost/Sq Ft:** $110.80 | **Deficiency Ratio:** 47.2%

Const. Date: 1958 | **Replacement Cost:** $4,713,543

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)						***Totals:***	***$286,598***	***$608,336***	
385	Covering (B)	10-08-2014	06-08-2022	2	60%	$7.09	$180,969		Replace flashing , parapets and roof covering on 1972 and 1979 additions.
405	Insulation (C)	10-08-2014	06-08-2022	2	65%	$3.82	$105,629		Replace roof insulation on 1972 and 1979 building additions. Although replaced in 2015, the upper hanger insulation is known to have water damage due to a hole in the membrane neglected at the time of that re-roof project.
System: Finishes (5)						***Totals:***	***$250,312***	***$304,168***	
406	Interior Wall Systems (A)	10-08-2014	06-08-2022	2	10%	$1.26	$5,360		Entire interior due for repaint.
389	Ceilings (B)	10-08-2014	06-08-2022	2	100%	$1.30	$55,303		Ceiling tiles throughout are in poor shape. Remove and replace.
390	Interior Doors/Hardware/Windows (C)	10-08-2014	06-08-2022	2	70%	$0.44	$13,103		Replace hardware and repaint door slabs and frames throughout.
391	Floor Finishes (D)	10-08-2014	06-08-2022	2	100%	$3.72	$158,253		Tile and carpet needs replacing throughout the building. Baseboards need repairs in quite a few areas.
388	Wall Finishes (E)	10-08-2014	06-08-2022	2	100%	$0.43	$18,293		Repaint entire interior.
System: Specialties (6)						***Totals:***	***$4,148***	***$38,287***	
1557	Toilet Partitions (A)	06-08-2022	06-08-2022	2	75%	$0.13	$4,148		Replace all toilet room accessories. Replace toilet partition hardware and repaint.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.04 | **Last Audit Date:** 6/8/2022

Building: DNRC Aviation Facility | **Gross Area:** 42,541 Sq Ft | **Report Renewal Cost:** $2,225,024

Building Type/ Age Class: Warehouse/Storage Facilities (8B) | **Cost/Sq Ft:** $110.80 | **Deficiency Ratio:** 47.2%

Const. Date: 1958 | **Replacement Cost:** $4,713,543

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$352,750***	***$461,144***	
393	Heating (A)	10-08-2014	06-08-2022	2	90%	$5.42	$207,515		All heat generating systems due for replacement. Note, at the time of this assessment a HVAC replacement project is underway that will improve this deficiency score once completed
396	Ventilating (B)	10-08-2014	06-08-2022	4	60%	$4.34	$110,777		Add air handling system for the ventilation of training classrooms. Note, at the time of this assessment a HVAC replacement project is underway that will improve this deficiency score once completed.
397	Cooling (C)	10-08-2014	06-08-2022	2	75%	$1.08	$34,458		Install cooling system for office and training areas. Implement a cooling system with corresponding controls system. Note, at the time of this assessment a HVAC replacement project is underway that will improve this deficiency score once completed.
System: Plumbing System (8)						***Totals:***	***$178,034***	***$311,826***	
399	Fixtures (A)	10-08-2014	06-08-2022	2	75%	$1.09	$34,777		Replace aging/obsolete hot water heating units with energy savings fixtures. Replace outdated faucets, appliances, fixtures with water saving units.
1560	Supply Piping (B)	06-08-2022	06-08-2022	2	65%	$1.65	$45,625		Replace circulating pumps, damaged pipe insulation, and worn valves/fittings.
1561	Waste Piping (C)	06-08-2022	06-08-2022	2	50%	$4.59	$97,632		Deficiency reflects approximate life expectancy. Inspect fittings, pipes, traps, and clean-outs annually.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 1.04 | **Last Audit Date:** 6/8/2022

Building: DNRC Aviation Facility | **Gross Area:** 42,541 Sq Ft | **Report Renewal Cost:** $2,225,024

Building Type/ Age Class: Warehouse/Storage Facilities (8B) | **Cost/Sq Ft:** $110.80 | **Deficiency Ratio:** 47.2%

Const. Date: 1958 | **Replacement Cost:** $4,713,543

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$250,843***	***$471,780***	
400	Building Service (A)	10-08-2014	06-08-2022	2	45%	$1.02	$19,526		Upgrade main service feeders.
401	Lighting (B)	10-08-2014	06-08-2022	2	65%	$4.53	$125,262		Lighting upgrades and switch replacement due throughout.
403	Distribution (C)	10-08-2014	06-08-2022	2	45%	$5.54	$106,055		Replace distribution panels. Upgrade main service, need new breakers.
System: Safety System (11)						***Totals:***	***$67,895***	***$681,932***	
413	Egress (A)	10-08-2014	06-08-2022	3	10%	$3.46	$14,719		Repair fire rated corridors where pipes and wires have been added above ceilings.
1114	Exit/Emergency Lighting/Alarms (C)	05-09-2019	06-08-2022	1	25%	$5.00	$53,176		Add emergency lighting throughout.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 0.98 | **Last Audit Date:** 6/1/2022

Building: 5 South Last Chance | **Gross Area:** 53,132 Sq Ft | **Report Renewal Cost:** $4,082,920

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $232.03 | **Deficiency Ratio:** 33.1%

Const. Date: 1983 | **Replacement Cost:** $12,328,218

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$11,583***	***$282,662***	
622	Exterior Steps/Retaining Walls (B)	08-10-2015	06-01-2022	2	20%	$1.09	$11,583		Replace concrete steps and metal handrails at northeast entry.
System: Envelope (2)						***Totals:***	***$105,441***	***$1,107,802***	
623	Exterior Walls (A)	08-10-2015	06-01-2022	2	15%	$5.61	$44,711		Repoint brick mortar where needed.
1563	Exterior Windows (B)	06-01-2022	06-01-2022	2	10%	$7.62	$40,487		Clean and lubricate hardware, replace backer rod and caulk at all exterior transitions
1565	Exterior Doors/Hatches (C)	06-08-2022	06-01-2022	2	5%	$1.20	$3,188		Clean and lubricate hardware.
1566	Interior Columns/Beams (D)	06-08-2022	06-01-2022	2	5%	$6.42	$17,055		Interior column finishes are water damaged due to skylight leak. Remove damaged drywall and inspect steel columns for damage. Make necessary repairs.
System: Roof System (4)						***Totals:***	***$33,394***	***$397,959***	
629	Covering (B)	08-10-2015	06-01-2022	2	10%	$3.48	$18,490		Roof replaced in 2018. Inspect and clean bi-annually.
1568	Insulation (C)	06-08-2022	06-01-2022	2	15%	$1.87	$14,904		Roof insulation replaced in 2018 was damaged by a faulty roof drain shortly after. Additional repairs will require removal of the roofing membrane which could be detrimental to the assembly's life expectancy. Inspect damaged area bi-annually.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 0.98 | **Last Audit Date:** 6/1/2022

Building: 5 South Last Chance | **Gross Area:** 53,132 Sq Ft | **Report Renewal Cost:** $4,082,920

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $232.03 | **Deficiency Ratio:** 33.1%

Const. Date: 1983 | **Replacement Cost:** $12,328,218

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$939,294***	***$2,649,162***	
1570	Interior Wall Systems (A)	06-01-2022	06-01-2022	2	20%	$13.67	$145,263		Repaint throughout
1571	Ceilings (B)	06-01-2022	06-01-2022	1	70%	$12.09	$449,656		Acoustic ceiling tile supports do not meet seismic requirements. Approximately 40% of all ceiling tiles are damaged and need to be replaced.
1572	Interior Doors/Hardware/Windows (C)	06-01-2022	06-01-2022	2	20%	$9.95	$105,733		Replace hardware.
1573	Floor Finishes (D)	06-01-2022	06-01-2022	2	65%	$6.91	$238,642		Replace carpet.
System: Specialties (6)						***Totals:***	***$23,803***	***$767,226***	
630	Toilet Partitions (A)	08-10-2015	06-01-2022	2	20%	$2.24	$23,803		Replace hardware and repaint partitions.
System: HVAC System (7)						***Totals:***	***$1,508,471***	***$1,890,968***	
631	Heating (A)	08-10-2015	06-01-2022	2	90%	$17.80	$851,175		Replace boilers - they are at end of life. Install high efficiency boilers.
632	Heating (A)	08-10-2015	06-01-2022	5	5%	$17.80	$47,287		Upgrade controls as energy conservation project.
633	Ventilating (B)	08-10-2015	06-01-2022	5	40%	$5.34	$113,490		A controls upgrade is needed. It was identified that 70% of the controls need to be updated. A controls upgrade will impac heating, cooling, and ventilation.
634	Cooling (C)	08-10-2015	06-01-2022	2	75%	$12.46	$496,519		Original chiller is past end of life and due for replacement. Upgrade controls as part of this replacement.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 0.98 | **Last Audit Date:** 6/1/2022

Building: 5 South Last Chance | **Gross Area:** 53,132 Sq Ft | **Report Renewal Cost:** $4,082,920

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $232.03 | **Deficiency Ratio:** 33.1%

Const. Date: 1983 | **Replacement Cost:** $12,328,218

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$860,287***	***$2,020,610***	
1575	Fixtures (A)	06-01-2022	06-01-2022	2	45%	$9.56	$228,574		Multiple flush valves and faucets need to be replaced.
1576	Supply Piping (B)	06-01-2022	06-01-2022	2	45%	$19.25	$460,256		Aging water supple system is due for new valves, pumps, pipe/fittings and water heaters.
1577	Waste Piping (C)	06-01-2022	06-01-2022	3	35%	$9.22	$171,457		Install additional clean-outs where insufficient.
System: Electrical System (9)						***Totals:***	***$258,264***	***$2,018,485***	
1579	Building Service (A)	06-01-2022	06-01-2022	2	20%	$6.59	$70,028		Generator due for replacement.
1580	Lighting (B)	06-01-2022	06-01-2022	2	20%	$10.22	$108,602		Replace damaged diffusers and retrofit all fixtures to LED.
1581	Distribution (C)	06-01-2022	06-01-2022	2	12%	$12.49	$79,634		Deficiency reflects age of devices and breakers. Inspect yearly and replace faulty devices.
System: Conveying (10)						***Totals:***	***$182,987***	***$304,978***	
1583	Elevator/Lift (A)	06-01-2022	06-01-2022	2	60%	$5.74	$182,987		Complete overhaul due for elevator components and finishes.
System: Safety System (11)						***Totals:***	***$159,396***	***$722,064***	
1585	Extinguishing System (B)	06-01-2022	06-01-2022	1	15%	$5.48	$43,675		Deficiency reflects age of system components. Inspect yearly.
1586	Exit/Emergency Lighting/Alarms (C)	06-01-2022	06-01-2022	1	45%	$4.84	$115,721		Fire alarm devices are nearing end of life. Install additional emergency lighting throughout basement.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.21 | **Last Audit Date:** 6/17/2022

Building: State of Montana Data Center | **Gross Area:** 15,024 Sq Ft | **Report Renewal Cost:** $261,036

Building Type/ Age Class: Warehouse/Storage Facilities (8C) | **Cost/Sq Ft:** $129.78 | **Deficiency Ratio:** 13.4%

Const. Date: 2010 | **Replacement Cost:** $1,949,815

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$4,360***	***$137,470***	
1588	Footings/Foundation Walls (A)	06-17-2022	06-17-2022	2	2%	$7.81	$2,347		Minor negative drainage identified along SE foundation wall.
1589	Exterior Steps/Retaining Walls (B)	06-17-2022	06-17-2022	2	10%	$1.34	$2,013		Deficiency reflects minor hairline cracks in retaining walls and spalling of concrete sidewalks.
System: Envelope (2)						***Totals:***	***$11,457***	***$454,927***	
1590	Exterior Walls (A)	06-17-2022	06-17-2022	2	4%	$15.75	$9,465		CMU and mortar are in good shape.
1591	Exterior Windows (B)	06-17-2022	06-17-2022	2	4%	$0.24	$144		Exterior windows are in good shape, minor wear/tear noted.
1592	Exterior Doors/Hatches (C)	06-17-2022	06-17-2022	2	5%	$2.46	$1,848		Exterior doors are in good shape, minor wear/tear noted.
System: Roof System (4)						***Totals:***	***$117,751***	***$249,999***	
1593	Covering (B)	06-17-2022	06-17-2022	2	95%	$8.25	$117,751		Large and continuous blisters and cracks were identified in the BUR. This roof also has an acrylic coating that will inhibit future asphaltic repairs as it fails. Plan for replacement in 2025.
System: Finishes (5)						***Totals:***	***$20,948***	***$124,849***	
1594	Ceilings (B)	06-17-2022	06-17-2022	2	3%	$1.51	$681		Minor wear/tear.
1595	Interior Doors/Hardware/Windows (C)	06-17-2022	06-17-2022	1	5%	$0.51	$383		Minor wear/tear.
1596	Floor Finishes (D)	06-17-2022	06-17-2022	2	30%	$4.33	$19,516		Carpet is wearing on track with its life expectancy.
1597	Wall Finishes (E)	06-17-2022	06-17-2022	2	5%	$0.49	$368		Minor wear/tear

Site: General Services- Complex | **Area Correction:** 1.21 | **Last Audit Date:** 6/17/2022

Building: State of Montana Data Center | **Gross Area:** 15,024 Sq Ft | **Report Renewal Cost:** $261,036

Building Type/ Age Class: Warehouse/Storage Facilities (8C) | **Cost/Sq Ft:** $129.78 | **Deficiency Ratio:** 13.4%

Const. Date: 2010 | **Replacement Cost:** $1,949,815

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$361***	***$15,925***	
1598	Toilet Partitions (A)	06-17-2022	06-17-2022	2	15%	$0.16	$361		Minor wear/tear. Clean and adjust hardware.
System: HVAC System (7)						***Totals:***	***$44,298***	***$189,453***	
618	Heating (A)	07-29-2015	06-17-2022	4	2%	$6.30	$1,893		Need to add improved heating capabilities for bathroom areas. Bathrooms cool way down which has given rise to complaints. Investigate what steps have to be taken to ensure that changes are in line with LEED requirements.
1600	Heating (A)	06-17-2022	06-17-2022	2	25%	$6.30	$23,663		Heating components work well and are on track with their life expectancy. Maintain system.
1601	Ventilating (B)	06-17-2022	06-17-2022	2	18%	$5.04	$13,630		Ventilation components tracking well with life expectancy. Maintain system.
619	Cooling (C)	07-29-2015	06-17-2022	4	2%	$1.26	$379		Cooling is very loud inside the communications room. Balance cooling to quiet noise for occupants and increase efficiency.
1602	Cooling (C)	06-17-2022	06-17-2022	2	25%	$1.26	$4,733		Cooling components tracking well with life expectancy. Maintain system.
System: Plumbing System (8)						***Totals:***	***$18,532***	***$129,206***	
1603	Fixtures (A)	06-17-2022	06-17-2022	2	35%	$1.33	$6,994		Fixtures, flush valves, and faucets tracking well with life expectancy. Maintain system.
1604	Supply Piping (B)	06-17-2022	06-17-2022	2	40%	$1.92	$11,538		Pipe, fittings, valves, and pipe insulation are on track with life expectancy, however hot water generation systems are at end of serviceable life and need to be replaced.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 1.21 | **Last Audit Date:** 6/17/2022

Building: State of Montana Data Center | **Gross Area:** 15,024 Sq Ft | **Report Renewal Cost:** $261,036

Building Type/ Age Class: Warehouse/Storage Facilities (8C) | **Cost/Sq Ft:** $129.78 | **Deficiency Ratio:** 13.4%

Const. Date: 2010 | **Replacement Cost:** $1,949,815

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$21,349***	***$213,341***	
1605	Building Service (A)	06-17-2022	06-17-2022	2	10%	$1.19	$1,788		Deficiency indicates age deterioration of system components. Inspect yearly and maintain.
1606	Lighting (B)	06-17-2022	06-17-2022	2	10%	$5.86	$8,804		Deficiency indicates age deterioration of system components. Inspect yearly and maintain.
1607	Distribution (C)	06-17-2022	06-17-2022	2	10%	$7.16	$10,757		Deficiency indicates age deterioration of system components. Inspect yearly and maintain.
System: Safety System (11)						***Totals:***	***$21,980***	***$280,198***	
1608	Extinguishing System (B)	06-17-2022	06-17-2022	2	10%	$8.81	$13,236		Deficiency indicates age deterioration of system components. Inspect yearly and maintain.
1609	Exit/Emergency Lighting/Alarms (C)	06-17-2022	06-17-2022	2	10%	$5.82	$8,744		Deficiency indicates age deterioration of system components. Inspect yearly and maintain.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 7/6/2022

Building: Montana Wild/Discovery Center | **Gross Area:** 8,940 Sq Ft | **Report Renewal Cost:** $442,248

Building Type/ Age Class: Teaching/Research Labs (4A) | **Cost/Sq Ft:** $356.08 | **Deficiency Ratio:** 13.9%

Const. Date: 1892 | **Replacement Cost:** $3,183,355

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$9,101***	***$119,617***	
687	Footings/Foundation Walls (A)	09-16-2015	07-06-2022	2	10%	$10.18	$9,101		Investigate reinforcing foundation
System: Envelope (2)						***Totals:***	***$86,076***	***$387,281***	
688	Exterior Walls (A)	09-16-2015	07-06-2022	2	50%	$15.21	$67,989		Original mortar and stone masonry is in poor condition. Repoint and seal.
689	Exterior Windows (B)	09-16-2015	07-06-2022	2	25%	$5.39	$12,047		Wood sills and jambs are rotting. Some concrete sills are cracked. Windows need caulking and sealer added to prevent moisture buildup and mortar penetration.
1611	Exterior Doors/Hatches (C)	07-06-2022	07-06-2022	2	12%	$5.63	$6,040		Exterior doors are in good condition. Clean, inspect, and lubricate hardware yearly.
System: Floor System (3)						***Totals:***	***$14,206***	***$220,192***	
1612	Floor Structure (A)	07-06-2022	07-06-2022	2	10%	$15.89	$14,206		Minor cracks noted in slab on grade. Seal and monitor condition quarterly.
System: Roof System (4)						***Totals:***	***$29,002***	***$192,210***	
1613	Structure (A)	07-06-2022	07-06-2022	2	20%	$4.95	$8,851		Structural components are mixed in age. Joists and trusses should be inspected yearly.
1614	Covering (B)	07-06-2022	07-06-2022	2	20%	$11.27	$20,151		Standing seam metal roof is in good condition. Deficiency identifies life expectancy of pre-finished protective coating which has begun to chalk.

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 7/6/2022

Building: Montana Wild/Discovery Center | **Gross Area:** 8,940 Sq Ft | **Report Renewal Cost:** $442,248

Building Type/ Age Class: Teaching/Research Labs (4A) | **Cost/Sq Ft:** $356.08 | **Deficiency Ratio:** 13.9%

Const. Date: 1892 | **Replacement Cost:** $3,183,355

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$66,581***	***$822,122***	
1615	Ceilings (B)	07-06-2022	07-06-2022	2	5%	$19.54	$8,734		Minor wear/tear noted.
1616	Interior Doors/Hardware/Windows (C)	07-06-2022	07-06-2022	2	15%	$3.92	$5,257		Doors and hardware are in fair shape but are not on track with their expected life span. Clean, inspect, adjust, and lubricate all latching and hinge hardware
1617	Floor Finishes (D)	07-06-2022	07-06-2022	2	25%	$16.65	$37,213		Floor finishes in excellent shape for their age. Follow manufacturers cleaning recommendations.
1618	Wall Finishes (E)	07-06-2022	07-06-2022	2	10%	$17.20	$15,377		Minor wear/tear noted.
System: Specialties (6)						***Totals:***	***$23,722***	***$246,923***	
1619	Toilet Partitions (A)	07-06-2022	07-06-2022	2	15%	$2.46	$3,299		Minor wear/tear noted on toilet room accessories.
1620	Chalk/Tack/Whiteboards/Cabinets (D)	07-06-2022	07-06-2022	2	15%	$15.23	$20,423		Cabinets are in fair condition but are not tracking with their life expectancy. Clean, adjust, and lubricate hinges, rollers, and latching hardware.
System: HVAC System (7)						***Totals:***	***$68,329***	***$262,568***	
1622	Heating (A)	07-06-2022	07-06-2022	2	30%	$15.69	$42,081		Heating components work well and are on track with their life expectancy. Maintain system.
1623	Ventilating (B)	07-06-2022	07-06-2022	3	10%	$5.84	$5,221		System is tracking well with age expectations.
1624	Cooling (C)	07-06-2022	07-06-2022	2	30%	$7.84	$21,027		System is tracking well with age expectations.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 7/6/2022

Building: Montana Wild/Discovery Center | **Gross Area:** 8,940 Sq Ft | **Report Renewal Cost:** $442,248

Building Type/ Age Class: Teaching/Research Labs (4A) | **Cost/Sq Ft:** $356.08 | **Deficiency Ratio:** 13.9%

Const. Date: 1892 | **Replacement Cost:** $3,183,355

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$115,237***	***$738,533***	
1625	Fixtures (A)	07-06-2022	07-06-2022	2	40%	$15.43	$55,178		Fixtures, flush valves, and faucets tracking well with life expectancy. Maintain system.
1626	Supply Piping (B)	07-06-2022	07-06-2022	2	10%	$46.22	$41,321		Pipe, fittings, valves, and pipe insulation are on track with life expectancy.
1627	Waste Piping (C)	07-06-2022	07-06-2022	2	10%	$20.96	$18,738		Deficiency indicates age deterioration of system components. Inspect yearly and maintain.
System: Electrical System (9)						***Totals:***	***$15,466***	***$283,666***	
1628	Building Service (A)	07-06-2022	07-06-2022	2	5%	$4.09	$1,828		Deficiency indicates age deterioration of system components. Inspect yearly and maintain.
1629	Lighting (B)	07-06-2022	07-06-2022	2	15%	$10.17	$13,638		Track lighting replaced in 2022. Other lighting is in good condition.
System: Safety System (11)						***Totals:***	***$14,528***	***$138,302***	
1630	Exit/Emergency Lighting/Alarms (C)	07-06-2022	07-06-2022	2	50%	$3.25	$14,528		Fire alarm devices are approximately 2/3 into life expectancy

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 7/6/2022

Building: MT Wild Rehabilitation Center | **Gross Area:** 500 Sq Ft | **Report Renewal Cost:** $70,788

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $391.88 | **Deficiency Ratio:** 36.1%

Const. Date: 1990 | **Replacement Cost:** $195,940

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$1,018***	***$5,890***	
1632	Footings/Foundation Walls (A)	07-06-2022	07-06-2022	2	20%	$10.18	$1,018		Minor cracking noted.
System: Envelope (2)						***Totals:***	***$2,467***	***$21,020***	
1633	Exterior Walls (A)	07-06-2022	07-06-2022	2	13%	$15.21	$989		Exterior walls are in fair shape.
1634	Exterior Windows (B)	07-06-2022	07-06-2022	2	20%	$6.34	$634		Windows are starting to age. Re-caulk material transitions.
1635	Exterior Doors/Hatches (C)	07-06-2022	07-06-2022	2	30%	$5.63	$844		Doors and hardware are in fair shape but are not on track with their expected life span. Clean, inspect, adjust, and lubricate all latching and hinge hardware.
System: Floor System (3)						***Totals:***	***$794***	***$12,315***	
1636	Floor Structure (A)	07-06-2022	07-06-2022	2	10%	$15.89	$794		Minor cracks noted in slab on grade. Seal and monitor condition quarterly
System: Roof System (4)						***Totals:***	***$980***	***$10,015***	
1637	Covering (B)	07-06-2022	07-06-2022	2	20%	$9.80	$980		Standing seam metal roof is in good condition. Deficiency identifies life expectancy of pre-finished protective coating which has begun to chalk.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 7/6/2022

Building: MT Wild Rehabilitation Center | **Gross Area:** 500 Sq Ft | **Report Renewal Cost:** $70,788

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $391.88 | **Deficiency Ratio:** 36.1%

Const. Date: 1990 | **Replacement Cost:** $195,940

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$14,727***	***$41,975***	
1638	Ceilings (B)	07-06-2022	07-06-2022	2	30%	$17.76	$2,664		Significant soiling noted.
1639	Interior Doors/Hardware/Windows (C)	07-06-2022	07-06-2022	2	30%	$3.92	$588		Doors and hardware are in fair shape but are not on track with their expected life span. Clean, inspect, adjust, and lubricate all latching and hinge hardware.
1640	Floor Finishes (D)	07-06-2022	07-06-2022	3	100%	$15.13	$7,565		Flooring is not appropriate for a rehabilitation center. Clean, disinfect and install non-porous type flooring as appropriate for each space and its intended use.
1641	Wall Finishes (E)	07-06-2022	07-06-2022	2	50%	$15.64	$3,910		Excessive wear/tear noted. Patch and epoxy paint.
System: Specialties (6)						***Totals:***	***$4,300***	***$15,220***	
1642	Toilet Partitions (A)	07-06-2022	07-06-2022	2	30%	$3.28	$492		Replace toilet room accessories.
1643	Chalk/Tack/Whiteboards/Cabinets (D)	07-06-2022	07-06-2022	2	50%	$15.23	$3,808		Consistent with excessive use, cabinets and countertops are showing significant signs of their use and will need to be replaced sooner than typical life expectancy.
System: HVAC System (7)						***Totals:***	***$28,675***	***$28,675***	
1644	Heating (A)	07-06-2022	07-06-2022	3	100%	$26.15	$13,075		Furnace heating system is inappropriate for this type of facility. Furnace is already at end of life.
1645	Ventilating (B)	07-06-2022	07-06-2022	2	100%	$23.36	$11,680		Ventilation system is grossly undersized and inappropriate for this type of facility.
1646	Cooling (C)	07-06-2022	07-06-2022	3	100%	$7.84	$3,920		Evaporator is clogged with animal dander. A complete HVAC redesign is necessary as soon as possible.

Administration - Facilities Condition Inventory
Deficiency Detail Report, Selected Deficiency Range

Def. Categories: ☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 7/6/2022

Building: MT Wild Rehabilitation Center | **Gross Area:** 500 Sq Ft | **Report Renewal Cost:** $70,788

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $391.88 | **Deficiency Ratio:** 36.1%

Const. Date: 1990 | **Replacement Cost:** $195,940

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$12,812***	***$47,610***	
1647	Fixtures (A)	07-06-2022	07-06-2022	2	35%	$20.57	$3,600		Fixtures and faucets are not appropriate for this facility and are tracking to fail ahead of average life expectancy. Replace system components with durable types designed for heavy use.
1648	Supply Piping (B)	07-06-2022	07-06-2022	2	20%	$51.36	$5,136		Pipe, fittings, and valves are on track with life expectancy. Replace missing pipe insulation and maintain system components.
1649	Waste Piping (C)	07-06-2022	07-06-2022	2	35%	$23.29	$4,076		Not enough clean-outs installed for this type of facility. All other waste water components are in fair shape.
System: Electrical System (9)						***Totals:***	***$3,197***	***$19,315***	
1650	Building Service (A)	07-06-2022	07-06-2022	2	10%	$4.09	$204		Deficiency indicates age deterioration of system components. Inspect yearly and maintain.
1651	Lighting (B)	07-06-2022	07-06-2022	2	30%	$12.71	$1,906		All lighting fixtures should be upgraded to sealed types consistent with those used in medical/wet environments.
1652	Distribution (C)	07-06-2022	07-06-2022	2	14%	$15.53	$1,087		Deficiency indicates age deterioration of system components. Inspect yearly and maintain.
System: Safety System (11)						***Totals:***	***$1,818***	***$7,735***	
1653	Egress (A)	07-06-2022	07-06-2022	1	25%	$4.79	$599		Facility is designed with limited access and several intervening spaces which are necessary for it's intended use. However, as it is with this type of design, egress is limited and can become an issue if not kept clear.
1654	Exit/Emergency Lighting/Alarms (C)	07-06-2022	07-06-2022	1	75%	$3.25	$1,219		Due to animal dander, smoke detectors should be replaced immediately, and every 2 years thereafter until a proper air filtration system can be installed.

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories
- [x] 1
- [x] 2
- [x] 3
- [x] 4
- [x] 5
- [x] 6
- [ ] 7

Site: General Services- Complex
Area Correction: 1.44
Last Audit Date: 5/18/2020

Building: Surplus Property Warehouse
Gross Area: 6,000 Sq Ft
Report Renewal Cost: $210,446

Building Type/ Age Class: Warehouse/Storage Facilities (8B)
Cost/Sq Ft: $170.18
Deficiency Ratio: 20.6%

Const. Date: 1960
Replacement Cost: $1,021,080

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Foundations (1)						
1014	Footings/Foundation Walls (A)	3/21/2019	3/21/2019	2	6%	Slab on Grade: Cracks in slab.
System: Envelope (2)						
1016	Exterior Walls (A)	3/21/2019	3/21/2019	2	5%	Framing: Wood rot occuring due to excess interior moisture.
1017	Exterior Walls (A)	3/21/2019	3/21/2019	2	5%	Insulation: No vapor barrier water in lower quarter of insulation.
1018	Exterior Walls (A)	3/21/2019	3/21/2019	2	36%	Exterior Finish: Finish fading, screws are worn out.
1019	Exterior Windows (B)	3/21/2019	3/21/2019	2	35%	Sills: Water damage noticed, repair/replace. All windows missing sealant
1021	Exterior Doors/Hatches (C)	3/21/2019	3/21/2019	3	100%	Exterior Doors: Hardware, All door hardware needs upgrading from residential. Door slabs are dented, replace.
System: Floor System (3)						
1143	Floor Structure (A)	5/18/2020	5/18/2020	2	5%	Replace cracked and spalling slabs.

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex
Area Correction: 1.44
Last Audit Date: 5/18/2020

Building: Surplus Property Warehouse
Gross Area: 6,000 Sq Ft
Report Renewal Cost: $210,446

Building Type/ Age Class: Warehouse/Storage Facilities (8B)
Cost/Sq Ft: $170.18
Deficiency Ratio: 20.6%

Const. Date: 1960
Replacement Cost: $1,021,080

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Roof System (4)						
1015	Structure (A)	3/21/2019	3/21/2019	2	5%	Roof Construction: Some wood rot occuring due to moisture entering roof.
1145	Structure (A)	5/18/2020	5/18/2020	2	3%	Minor cracking in main trusses.
1023	Covering (B)	3/21/2019	3/21/2019	2	3%	Patch leaks around penetrations and seams
1033	Covering (B)	3/21/2019	3/21/2019	2	10%	Rain water drainage (roof drains): new gutters and drainage system needed to get roof water away from building.
1147	Insulation (C)	5/18/2020	5/18/2020	2	5%	Repair water damaged insulation and vapor barrier

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex
Building: Surplus Property Warehouse
Building Type/ Age Class: Warehouse/Storage Facilities (8B)
Const. Date: 1960

Area Correction: 1.44
Gross Area: 6,000 Sq Ft
Cost/Sq Ft: $170.18
Replacement Cost: $1,021,080

Last Audit Date: 5/18/2020
Report Renewal Cost: $210,446
Deficiency Ratio: 20.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: Finishes (5)						
1024	Interior Wall Systems (A)	3/21/2019	3/21/2019	2	25%	GWB/Plaster: Some walls still need taping and painting.
1025	Interior Doors/Hardware/Windo	3/21/2019	3/21/2019	3	100%	Interior doors are all residential grade and are damaged and worn out. Replace.
1028	Floor Finishes (D)	3/21/2019	3/21/2019	2	14%	Carpet, Tile, VCT: Repair/replace. Has been taken down in some areas due to water damage.
1029	Floor Finishes (D)	3/21/2019	3/21/2019	2	1%	Baseboard: Repair/replace. Has been taken down in some areas due to water damage.
1027	Wall Finishes (E)	3/21/2019	3/21/2019	2	20%	Damage and wear out seen in wall finishes. Repair/repaint.
System: Specialties (6)						
1150	Signage/Directories (B)	5/18/2020	5/18/2020	2	75%	Replace faded/damaged signage

Administration - Facilities Condition Inventory
Deficiency Detail by Building for Audit

Def. Categories
- [x] 1
- [x] 2
- [x] 3
- [x] 4
- [x] 5
- [x] 6
- [ ] 7

Site: General Services- Complex
Building: Surplus Property Warehouse
Building Type/ Age Class: Warehouse/Storage Facilities (8B)
Const. Date: 1960
Area Correction: 1.44
Gross Area: 6,000 Sq Ft
Cost/Sq Ft: $170.18
Replacement Cost: $1,021,080
Last Audit Date: 5/18/2020
Report Renewal Cost: $210,446
Deficiency Ratio: 20.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Description
System: HVAC System (7)						
1151	Heating (A)	5/18/2020	5/18/2020	2	50%	Replace aged components
1152	Cooling (C)	5/18/2020	5/18/2020	3	100%	Replace aged window units with long-term PTAC type.
System: Electrical System (9)						
1036	Building Service (A)	3/21/2019	3/21/2019	3	10%	Needs upgrade to large breaker panel
1035	Lighting (B)	3/21/2019	3/21/2019	2	50%	Fixtures: Need a new light fixture in warehouse space and lighting in restroom.
1154	Lighting (B)	5/18/2020	5/18/2020	3	50%	Add daylight and occ. Sensors
System: Safety System (11)						
1038	Exit/Emergency Lighting/Alarms	3/21/2019	3/21/2019	3	75%	Need smoke detectors in offices
1157	Exit/Emergency Lighting/Alarms	5/18/2020	5/18/2020	2	5%	Replace exit and emergency lighting

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site: General Services- Complex
Building: Print and Mail
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1977

Area Correction: 1.16
Gross Area: 25,279 Sq Ft
Cost/Sq Ft: $296.75
Replacement Cost: $7,501,543

Last Audit Date: 5/11/2020
Report Renewal Cost: $368,221
Deficiency Ratio: 4.9%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$6,332***	***$159,005***	
1118	Footings/Foundation Walls (A)	05-11-2020	05-11-2020	2	5%	$5.01	$6,332		Minor cracks/spalling on foundation walls
System: Envelope (2)						***Totals:***	***$40,699***	***$623,886***	
1119	Exterior Walls (A)	05-11-2020	05-11-2020	2	5%	$6.63	$8,380		Repair/replace exterior siding where holes, dents, and rust can be observed
1120	Exterior Walls (A)	05-11-2020	05-11-2020	2	10%	$6.63	$16,760		Finish of exterior metal siding is fading
1121	Exterior Walls (A)	05-11-2020	05-11-2020	2	5%	$6.63	$8,380		Repair insulation cavities and replace water damaged insulation
1122	Exterior Doors/Hatches (C)	05-11-2020	05-11-2020	2	20%	$1.42	$7,179		Door frames are loose in opeing, repair fasteners and modify framed opening
System: Floor System (3)						***Totals:***	***$42,833***	***$764,437***	
1123	Floor Structure (A)	05-11-2020	05-11-2020	2	7%	$23.20	$41,053		Concrete floor has cracks, scratches, and failed patches. Remove and replace.
1124	Stair Treads/Risers (B)	05-11-2020	05-11-2020	2	1%	$7.04	$1,780		Repaint stair treads and risers.
System: Roof System (4)						***Totals:***	***$58,827***	***$223,972***	
1125	Covering (B)	05-11-2020	05-11-2020	2	20%	$4.11	$20,779		Flashing, downspouts and expansion joint covers leak. Repair or replace
1126	Covering (B)	05-11-2020	05-11-2020	2	35%	$4.11	$36,364		Replace exposed fasteners on west roof with failed neoprene washers. Re-caulk joints at metal panels.
1127	Insulation (C)	05-11-2020	05-11-2020	2	3%	$2.22	$1,684		Replace water saturated insulation

Def. Categories
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 7

Site: General Services- Complex
Building: Print and Mail
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1977

Area Correction: 1.16
Gross Area: 25,279 Sq Ft
Cost/Sq Ft: $296.75
Replacement Cost: $7,501,543

Last Audit Date: 5/11/2020
Report Renewal Cost: $368,221
Deficiency Ratio: 4.9%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$49,996***	***$1,491,967***	
1128	Interior Wall Systems (A)	05-11-2020	05-11-2020	2	1%	$16.18	$4,090		Repair and paint scuffs and scratches
1129	Interior Doors/Hardware/Windows (	05-11-2020	05-11-2020	2	5%	$11.78	$14,889		Reattach interior door frames that are loose in their opening
1130	Floor Finishes (D)	05-11-2020	05-11-2020	2	15%	$8.18	$31,017		Replace scratched VCT and reapply sealant to concrete
System: Specialties (6)						***Totals:***	***$1,074***	***$428,732***	
1131	Signage/Directories (B)	05-11-2020	05-11-2020	2	5%	$0.85	$1,074		Replace cracked restroom signage
System: HVAC System (7)						***Totals:***	***$53,238***	***$1,065,004***	
1132	Heating (A)	05-11-2020	05-11-2020	2	5%	$21.06	$26,619		Component life cycle depreciation. Replace worn parts as required to maintain
1133	Ventilating (B)	05-11-2020	05-11-2020	2	5%	$6.32	$7,988		Component life cycle depreciation. Replace worn parts as required to maintain
1134	Cooling (C)	05-11-2020	05-11-2020	2	5%	$14.74	$18,631		Component life cycle depreciation. Replace worn parts as required to maintain
System: Plumbing System (8)						***Totals:***	***$83,155***	***$1,123,652***	
1135	Fixtures (A)	05-11-2020	05-11-2020	2	20%	$10.75	$54,350		Replace water heater when component reaches end of life cycle.
1136	Supply Piping (B)	05-11-2020	05-11-2020	2	5%	$22.79	$28,805		Component life cycle depreciation. Replace worn parts as required to maintain
System: Electrical System (9)						***Totals:***	***$27,529***	***$1,042,759***	
1137	Lighting (B)	05-11-2020	05-11-2020	2	10%	$10.89	$27,529		Component life cycle depreciation. Replace worn parts as required to maintain

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories: 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☑ 7 ☐

Site:	General Services- Complex	**Area Correction:**	1.16	**Last Audit Date:**	5/11/2020
Building:	Print and Mail	**Gross Area:**	25,279 Sq Ft	**Report Renewal Cost:**	$368,221
Building Type/ Age Class:	General Classroom/Office (3B)	**Cost/Sq Ft:**	$296.75	**Deficiency Ratio:**	4.9%
Const. Date:	1977	**Replacement Cost:**	$7,501,543		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)					***Totals:***		***$4,538***	***$406,486***	
1138	Extinguishing System (B)	05-11-2020	05-11-2020	2	1%	$6.49	$1,641		Sprinkler head component life cycle depreciation.
1140	Exit/Emergency Lighting/Alarms (C	05-11-2020	05-11-2020	2	2%	$5.73	$2,897		Smoke detection component life cycle depreciation. Replace worn parts as required to maintain

DEPT. OF MILITARY AFFAIRS

DEFICIENCY DETAIL REPORTS

CSCI Rating 100-86: Minor Maintenance 85-56: Corrective Repairs 69-0: Nearing End of Life

Anaconda Readiness Center

READINESS CENTER

System	Component	CSCI	Deficinecy Description	Est. Cost
B20 EXTERIOR ENCLOSURE	B202001 WINDOWS	21	Replace B2020 EXTERIOR WINDOWS EXTWIND_11X5 B202001 WINDOWS General	$68,000
B20 EXTERIOR ENCLOSURE	B202001 WINDOWS	49	Replace B2020 EXTERIOR WINDOWS EXTWIND_10X2 B202001 WINDOWS General	$49,500
B20 EXTERIOR ENCLOSURE	B202001 WINDOWS	49	Replace B2020 EXTERIOR WINDOWS EXTWIND_4X2 B202001 WINDOWS General	$8,600
B20 EXTERIOR ENCLOSURE	B203001 SOLID DOORS	49	Replace B2030 EXTERIOR DOORS EXTDR_METAL B203001 SOLID DOORS Steel	$24,000
C10 INTERIOR CONSTRUCTION	C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS	28	Replace C1030 SPECIALTIES INT PART_URN SCRN C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS Urinal Screen	$1,150
C10 INTERIOR CONSTRUCTION	C103005 LOCKERS	32	Replace C1030 SPECIALTIES LOCKERS C103005 LOCKERS General	$620
C30 INTERIOR FINISHES	C302005 CARPETING	25	Replace C3020 FLOOR FINISHES FLRFNSH_CPT C302005 CARPETING General	$7,300
C30 INTERIOR FINISHES	C302009 FLOOR TOPPINGS AND TRAFFIC MEMBRANES	30	Replace C3020 FLOOR FINISHES FLRFNSH_PAINT C302009 FLOOR TOPPINGS AND TRAFFIC MEMBRANES Paint	$16,500
D20 PLUMBING	D204002 ROOF DRAINS	0	Replace D2040 RAIN WATER DRAINAGE ROOF DRAINS D204002 ROOF DRAINS General	$2,050
D20 PLUMBING	D203001 WASTE PIPE & FITTINGS	21	Replace D2030 SANITARY WASTE SW PIPING D203001 WASTE PIPE & FITTINGS General	$97,000
D20 PLUMBING	D201005 SHOWERS/TUBS	24	Replace D2010 PLUMBING FIXTURES SHOWERS_FL1 D201005 SHOWERS/TUBS Shower	$30,000
D20 PLUMBING	D201003 LAVATORIES	24	Replace D2010 PLUMBING FIXTURES LAV_FL1 D201003 LAVATORIES General	$35,000
D20 PLUMBING	D201001 WATERCLOSETS	24	Replace D2010 PLUMBING FIXTURES WC_FL1 D201001 WATERCLOSETS General	$21,500
D20 PLUMBING	D201002 URINALS	24	Replace D2010 PLUMBING FIXTURES URN_FL1 D201002 URINALS General	$4,550
D20 PLUMBING	D203003 FLOOR DRAINS	31	Replace D2030 SANITARY WASTE FLOOR DRAINS D203003 FLOOR DRAINS General	$31,500

D20 PLUMBING	D201004 SINKS	35	Replace D2010 PLUMBING FIXTURES MOP SINK_FL1 D201004 SINKS Mop Sink	$9,100
D20 PLUMBING	D202003 DOMESTIC WATER EQUIPMENT	54	Replace D2020 DOMESTIC WATER DISTRIBUTION DWH_FL1 MECH RM110 D202003 DOMESTIC WATER EQUIPMENT Water Heaters, Commercial, Gas - 200 MBH input, 192 GPH	$41,500
D30 HVAC	D306002 ELECTRONIC CONTROLS	0	Replace D3060 CONTROLS & INSTRUMENTATION DDC_BLDG WIDE D306002 ELECTRONIC CONTROLS General	$51,000
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	31	Replace D3020 HEAT GENERATING SYSTEMS UH_FL1 RM106 D302003 FUEL-FIRED UNIT HEATERS Gas - 20 MBH	$9,100
D30 HVAC	D302001 BOILERS	33	Replace D3020 HEAT GENERATING SYSTEMS BLR BOILER-2_FL1 MECH RM110 D302001 BOILERS Gas, Hot Water - 500-650 MBH	$100,000
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	40	Replace D3040 DISTRIBUTION SYSTEMS HHW PIPING D304003 HOT WATER DISTRIBUTION SYSTEMS General	$232,000
D30 HVAC	D304007 EXHAUST SYSTEMS	49	Replace D3040 DISTRIBUTION SYSTEMS EF MENS_LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304007 EXHAUST SYSTEMS	49	Replace D3040 DISTRIBUTION SYSTEMS EF VAULT_LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304007 EXHAUST SYSTEMS	49	Replace D3040 DISTRIBUTION SYSTEMS EF WOMENS_LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	53	Replace D3040 DISTRIBUTION SYSTEMS HWP HWCP-2_FL1 MECH RM110 D304003 HOT WATER DISTRIBUTION SYSTEMS Circulating Pump - 1 HP	$9,200
D30 HVAC	D305006 PACKAGE UNITS	78	Repair D3050 TERMINAL & PACKAGE UNITS ACU_WEST EXTERIOR D305006 PACKAGE UNITS A/C Unit, Split Systems w/ Air Cooled Condenser - 2 TN	$2,350
D30 HVAC	D302004 AUXILIARY EQUIPMENT	81	Repair D3020 HEAT GENERATING SYSTEMS ET_FL1 MECH RM110 D302004 AUXILIARY EQUIPMENT Expansion Tank - 40 gal	$500
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH_FL1 RM116 D302003 FUEL-FIRED UNIT HEATERS Gas - 200 MBH	$1,750
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 1_FL1 RM116 D302003 FUEL-FIRED UNIT HEATERS Gas - 200 MBH	$1,750
D30 HVAC	D302001 BOILERS	81	Repair D3020 HEAT GENERATING SYSTEMS BLR BOILER-1_FL1 MECH RM110 D302001 BOILERS Gas, Hot Water - 500-650 MBH	$13,000

D30 HVAC	D302004 AUXILIARY EQUIPMENT	83	Repair D3020 HEAT GENERATING SYSTEMS AS_FL1 MECH RM110 D302004 AUXILIARY EQUIPMENT Air Separator - Air control, air separator, 3" diameter, includes strainer	$860
D50 ELECTRICAL	D501004 PANELBOARDS	21	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION PNL A_FL1 RM116 D501004 PANELBOARDS Main Circuit Breaker, 120/208 V, 225 amp	$9,900
D50 ELECTRICAL	D509003 GROUNDING SYSTEMS	21	Replace D5090 OTHER ELECTRICAL SERVICES ELEC GROUDING D509003 GROUNDING SYSTEMS Other	$503,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	28	Replace D5020 LIGHTING & BRANCH WIRING EXIT LTG OLD_FL1 D502002 LIGHTING EQUIPMENT Exit Lighting	$500
D50 ELECTRICAL	D503005 SECURITY SYSTEMS	31	Replace D5030 COMMUNICATIONS & SECURITY SEC_VAULT D503005 SECURITY SYSTEMS General	$1,250
D50 ELECTRICAL	D502001 BRANCH WIRING	38	Replace D5020 LIGHTING & BRANCH WIRING ELEC WIRING D502001 BRANCH WIRING General	$143,000
D50 ELECTRICAL	D509002 EMERGENCY LIGHTING & POWER	49	Replace D5090 OTHER ELECTRICAL SERVICES ELTG_BLDG WIDE D509002 EMERGENCY LIGHTING & POWER Emergency Lighting - Bugeye	$1,100
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	49	Replace D5020 LIGHTING & BRANCH WIRING EXIT LTG NEW _FL1 D502002 LIGHTING EQUIPMENT Exit Lighting	$500
D50 ELECTRICAL	D501005 ENCLOSED CIRCUIT BREAKERS	49	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION ECB PNL C_FL1 RM109 D501005 ENCLOSED CIRCUIT BREAKERS Enclosed Circuit Breaker, 100 Amp	$8,300
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	78	Repair D5020 LIGHTING & BRANCH WIRING LED_EXTERIOR D502002 LIGHTING EQUIPMENT Exterior LED Lighting	$2,800

Belgrade Readiness Center - FMS 05

READINESS CENTER

System	Component	CSCI	Deficinecy Description	Est. Cost
B30 ROOFING	B301002 LOW SLOPE ROOF SYSTEMS	55	Replace B3010 ROOF COVERINGS ROOFCVR_PVC_UPPER B301002 LOW SLOPE ROOF SYSTEMS Single Ply Membrane	$110,000
B30 ROOFING	B301001 STEEP SLOPE ROOF SYSTEMS	75	Repair B3010 ROOF COVERINGS ROOFCVR_MTL_EAST B301001 STEEP SLOPE ROOF SYSTEMS Formed Metal - Metal Standing Seam	$57,000
B30 ROOFING	B301001 STEEP SLOPE ROOF SYSTEMS	83	Repair B3010 ROOF COVERINGS ROOFCVR_MTL_NORTH B301001 STEEP SLOPE ROOF SYSTEMS Formed Metal - Metal Standing Seam	$16,500
B30 ROOFING	B301001 STEEP SLOPE ROOF SYSTEMS	83	Repair B3010 ROOF COVERINGS ROOFCVR_MTL_WEST B301001 STEEP SLOPE ROOF SYSTEMS Formed Metal - Metal Standing Seam	$6,600
B30 ROOFING	B301005 GUTTERS & DOWNSPOUTS	86	Repair B3010 ROOF COVERINGS DOWNSPOUTS B301005 GUTTERS & DOWNSPOUTS Downspouts	$520
C30 INTERIOR FINISHES	C302005 CARPETING	26	Replace C3020 FLOOR FINISHES FLRFNSH_CPT C302005 CARPETING General	$238,000
D30 HVAC	D304007 EXHAUST SYSTEMS	33	Replace D3040 DISTRIBUTION SYSTEMS EF 6_LOWER WEST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 1500 CFM	$32,500
D30 HVAC	D304007 EXHAUST SYSTEMS	33	Replace D3040 DISTRIBUTION SYSTEMS EF 17_LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 1500 CFM	$32,500
D30 HVAC	D304007 EXHAUST SYSTEMS	33	Replace D3040 DISTRIBUTION SYSTEMS EF 18_LOWER SOUTH ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 1500 CFM	$32,500
D30 HVAC	D304007 EXHAUST SYSTEMS	33	Replace D3040 DISTRIBUTION SYSTEMS EF 9_LOWER SOUTH ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 1500 CFM	$32,500
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	45	Replace D3040 DISTRIBUTION SYSTEMS HHW PIPING D304003 HOT WATER DISTRIBUTION SYSTEMS General	$663,000
D30 HVAC	D304008 AIR HANDLING UNITS	52	Replace D3040 DISTRIBUTION SYSTEMS AHU HVAC-1_FL2 MECH RM D304008 AIR HANDLING UNITS Central Station - 10000 CFM, VAV	$185,000
D30 HVAC	D305003 FAN COIL UNITS	52	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 VESTIBULE 118 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 3 ton	$24,500
D30 HVAC	D305003 FAN COIL UNITS	52	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 VESTIBULE 139 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 3 ton	$24,500

D30 HVAC	D305003 FAN COIL UNITS	52	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 VESTIBULE 100 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 3 ton	$24,500
D30 HVAC	D304008 AIR HANDLING UNITS	52	Replace D3040 DISTRIBUTION SYSTEMS AHU HV-3_FL1 MECH RM159 D304008 AIR HANDLING UNITS Central Station - 10000 CFM, VAV	$185,000
D30 HVAC	D305003 FAN COIL UNITS	52	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 VESTIBULE 149 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 3 ton	$24,500
D30 HVAC	D304008 AIR HANDLING UNITS	52	Replace D3040 DISTRIBUTION SYSTEMS AHU HVAC-2_FL1 MECH RM159 D304008 AIR HANDLING UNITS Central Station - 5000 CFM, VAV	$113,000
D30 HVAC	D304008 AIR HANDLING UNITS	52	Replace D3040 DISTRIBUTION SYSTEMS AHU HV-1_FL2 MECH RM D304008 AIR HANDLING UNITS Central Station - 5000 CFM, VAV	$113,000
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	55	Replace D3040 DISTRIBUTION SYSTEMS HWP HWCP 1_FL1 MECH RM159 D304003 HOT WATER DISTRIBUTION SYSTEMS Circulating Pump - 1 HP	$9,200
D30 HVAC	D304001 AIR DISTRIBUTION, HEATING & COOLING	76	Repair D3040 DISTRIBUTION SYSTEMS VAV_BLDG WIDE D304001 AIR DISTRIBUTION, HEATING & COOLING VAV Terminal - 400 CFM, Hot Water Reheat	$90,000
D30 HVAC	D306001 HVAC CONTROLS	77	Repair D3060 CONTROLS & INSTRUMENTATION VFD HVAC-1_FL2 MECH RM D306001 HVAC CONTROLS VFD, 10 HP	$2,000
D30 HVAC	D306001 HVAC CONTROLS	77	Repair D3060 CONTROLS & INSTRUMENTATION VFD HVAC-2_FL1 MECH RM159 D306001 HVAC CONTROLS VFD, 10 HP	$2,000
D30 HVAC	D305002 UNIT HEATERS	79	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM175 D305002 UNIT HEATERS Infrared - 60 MBH	$1,600
D30 HVAC	D305002 UNIT HEATERS	79	Repair D3050 TERMINAL & PACKAGE UNITS UH 3_FL1 RM153 D305002 UNIT HEATERS Infrared - 75 MBH	$1,650
D30 HVAC	D305002 UNIT HEATERS	79	Repair D3050 TERMINAL & PACKAGE UNITS UH 1_FL1 RM153 D305002 UNIT HEATERS Infrared - 75 MBH	$1,650
D30 HVAC	D305002 UNIT HEATERS	79	Repair D3050 TERMINAL & PACKAGE UNITS UH 2_FL1 RM153 D305002 UNIT HEATERS Infrared - 75 MBH	$1,650
D30 HVAC	D302004 AUXILIARY EQUIPMENT	82	Repair D3020 HEAT GENERATING SYSTEMS ET 1_FL1 MECH RM159 D302004 AUXILIARY EQUIPMENT Expansion Tank - 120 gal	$960
D30 HVAC	D305001 UNIT VENTILATORS	82	Repair D3050 TERMINAL & PACKAGE UNITS MAU 2_FL2 MECH RM D305001 UNIT VENTILATORS Make-Up Air Unit - 8000 CFM, 670 MBH, includes standard controls	$10,500
D30 HVAC	D305004 FIN TUBE RADIATION	82	Repair D3050 TERMINAL & PACKAGE UNITS FTR_BLDG WIDE D305004 FIN TUBE RADIATION Baseboard Heating - 3/4" Copper Tube	$500

D30 HVAC	D304001 AIR DISTRIBUTION, HEATING & COOLING	83	Repair D3040 DISTRIBUTION SYSTEMS DUCTWORK D304001 AIR DISTRIBUTION, HEATING & COOLING Ductwork	$196,000
D30 HVAC	D302004 AUXILIARY EQUIPMENT	83	Repair D3020 HEAT GENERATING SYSTEMS AS 1_FL1 MECH RM159 D302004 AUXILIARY EQUIPMENT Air Separator - Air control, air separator, 3" diameter, includes strainer	$860
D30 HVAC	D302004 AUXILIARY EQUIPMENT	86	Repair D3020 HEAT GENERATING SYSTEMS FWT_FL1 MECH RM159 D302004 AUXILIARY EQUIPMENT Chemical Feedwater - 125 PSIG, 1.7 gallon	$1,200
D30 HVAC	D304007 EXHAUST SYSTEMS	86	Repair D3040 DISTRIBUTION SYSTEMS EF 12_LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$1,550
D30 HVAC	D304007 EXHAUST SYSTEMS	86	Repair D3040 DISTRIBUTION SYSTEMS EF 10_LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 2750 CFM	$5,600
D30 HVAC	D304006 CHILLED WATER DISTRIBUTION SYSTEMS	86	Repair D3040 DISTRIBUTION SYSTEMS CWP 1_FL1 MECH RM159 D304006 CHILLED WATER DISTRIBUTION SYSTEMS Circulating Pump, End Suction - 3" size, 5 HP, to 225 GPM	$5,600
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	86	Repair D3040 DISTRIBUTION SYSTEMS HWP 2_FL1 MECH RM159 D304003 HOT WATER DISTRIBUTION SYSTEMS Circulating Pump, End Suction - 5" size, 15 HP, to 1000 GPM	$6,000
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	86	Repair D3040 DISTRIBUTION SYSTEMS HWP 1_FL1 MECH RM159 D304003 HOT WATER DISTRIBUTION SYSTEMS Circulating Pump, End Suction - 5" size, 15 HP, to 1000 GPM	$6,000
D30 HVAC	D304007 EXHAUST SYSTEMS	86	Repair D3040 DISTRIBUTION SYSTEMS EF 16_LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$1,550
D40 FIRE PROTECTION	D401001 FIRE ALARM DISTRIBUTION	45	Replace D4010 FIRE ALARM AND DETECTION SYSTEMS FIRE ALARM WIRING D401001 FIRE ALARM DISTRIBUTION General	$69,189,000
D40 FIRE PROTECTION	D403001 STANDPIPE EQUIPMENT & PIPING	86	Repair D4030 STANDPIPE SYSTEMS RISER_FL1 D403001 STANDPIPE EQUIPMENT & PIPING Riser - 4" diam	$2,650
D40 FIRE PROTECTION	D401002 FIRE ALARM DEVICES	86	Repair D4010 FIRE ALARM AND DETECTION SYSTEMS FIRE ALARM DEVICES D401002 FIRE ALARM DEVICES General	$7,200
D50 ELECTRICAL	D503005 SECURITY SYSTEMS	45	Replace D5030 COMMUNICATIONS & SECURITY ACCESS CTRL_BLDG WIDE D503005 SECURITY SYSTEMS General	$1,250
D50 ELECTRICAL	D503005 SECURITY SYSTEMS	45	Replace D5030 COMMUNICATIONS & SECURITY SEC_RM109 D503005 SECURITY SYSTEMS General	$1,250

D50 ELECTRICAL	D503005 SECURITY SYSTEMS	45	Replace D5030 COMMUNICATIONS & SECURITY SEC_RM115 D503005 SECURITY SYSTEMS General	$1,250
D50 ELECTRICAL	D503005 SECURITY SYSTEMS	45	Replace D5030 COMMUNICATIONS & SECURITY SEC_RM133 D503005 SECURITY SYSTEMS General	$1,250
D50 ELECTRICAL	D509006 ENERGY MANAGEMENT CONTROL SYSTEM	45	Replace D5090 OTHER ELECTRICAL SERVICES LCP_BLDG WIDE D509006 ENERGY MANAGEMENT CONTROL SYSTEM General	$559,000

Billings AFRC

ARMED FORCE RESERVE CENTER

System	Component	CSCI	Deficinecy Description	Est. Cost
B20 EXTERIOR ENCLOSURE	B203004 OVERHEAD AND ROLL-UP DOORS	55	Replace B2030 EXTERIOR DOORS EXT OH DOOR_20X14 B203004 OVERHEAD AND ROLL-UP DOORS Steel Sectional, Electric, 20'x14'	$16,500
B20 EXTERIOR ENCLOSURE	B203001 SOLID DOORS	68	Replace B2030 EXTERIOR DOORS EXTDR_METAL B203001 SOLID DOORS Steel	$112,000
B20 EXTERIOR ENCLOSURE	B201007 EXTERIOR SOFFITS	68	Replace B2010 EXTERIOR WALLS EXT_SOFFIT B201007 EXTERIOR SOFFITS General	$13,000
B20 EXTERIOR ENCLOSURE	B203004 OVERHEAD AND ROLL-UP DOORS	68	Replace B2030 EXTERIOR DOORS EXT OH DOOR_16X14 B203004 OVERHEAD AND ROLL-UP DOORS Steel Sectional, Electric, 20'x14'	$114,000
B30 ROOFING	B301002 LOW SLOPE ROOF SYSTEMS	30	Replace B3010 ROOF COVERINGS ROOFCVR_EPDM B301002 LOW SLOPE ROOF SYSTEMS Single Ply Membrane	$783,000
B30 ROOFING	B301006 ROOF OPENINGS AND SUPPORTS	85	Repair B3010 ROOF COVERINGS ROOF HATCH B301006 ROOF OPENINGS AND SUPPORTS Hatches	$1,350
B30 ROOFING	B301006 ROOF OPENINGS AND SUPPORTS	85	Repair B3010 ROOF COVERINGS SKYLIGHT B301006 ROOF OPENINGS AND SUPPORTS Skylights	$37,500
C10 INTERIOR CONSTRUCTION	C101003 RETRACTABLE PARTITIONS	68	Replace C1010 PARTITIONS INTWALL_RETRACTABLE_FL1 C101003 RETRACTABLE PARTITIONS General	$123,000
C10 INTERIOR CONSTRUCTION	C103010 CASEWORK	68	Replace C1030 SPECIALTIES CASEWORK C103010 CASEWORK Other	$246,000
C10 INTERIOR CONSTRUCTION	C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS	68	Replace C1030 SPECIALTIES INT PART_WC STALL_FL2 C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS Toilet Partitions	$6,500
C10 INTERIOR CONSTRUCTION	C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS	68	Replace C1030 SPECIALTIES INT PART_WC STALL_FL1 C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS Toilet Partitions	$38,500
C10 INTERIOR CONSTRUCTION	C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS	68	Replace C1030 SPECIALTIES INT PART_URN SCRN_FL2 C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS Urinal Screen	$1,150
C10 INTERIOR CONSTRUCTION	C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS	68	Replace C1030 SPECIALTIES INT PART_URN SCRN_FL1 C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS Urinal Screen	$13,500
C10 INTERIOR CONSTRUCTION	C102005 INTERIOR OVERHEAD DOORS	68	Replace C1020 INTERIOR DOORS INTDR_OH_MTL C102005 INTERIOR OVERHEAD DOORS Steel Rolling, Electric, 8'x8'	$9,300

C10 INTERIOR CONSTRUCTION	C101005 INTERIOR WINDOWS	68	Replace C1010 PARTITIONS INTWIND_FL1 C101005 INTERIOR WINDOWS General	$30,000
C10 INTERIOR CONSTRUCTION	C101003 RETRACTABLE PARTITIONS	68	Replace C1010 PARTITIONS INTWALL_RETRACTABLE_FL2 C101003 RETRACTABLE PARTITIONS General	$123,000
C10 INTERIOR CONSTRUCTION	C101001 FIXED PARTITIONS	68	Replace C1010 PARTITIONS INTWALL_SECURITY CAGE_FL2 C101001 FIXED PARTITIONS Security Cage / Wire Mesh	$13,000
C10 INTERIOR CONSTRUCTION	C101001 FIXED PARTITIONS	68	Replace C1010 PARTITIONS INTWALL_SECURITY CAGE_FL1 C101001 FIXED PARTITIONS Security Cage / Wire Mesh	$89,000
C10 INTERIOR CONSTRUCTION	C101004 INTERIOR GUARDRAILS & SCREENS	68	Replace C1010 PARTITIONS INT_GUARDRAIL C101004 INTERIOR GUARDRAILS & SCREENS Guardrail	$1,750
C30 INTERIOR FINISHES	C302005 CARPETING	29	Replace C3020 FLOOR FINISHES FLRFNSH_CPT_FL1 C302005 CARPETING Carpet Tile	$216,000
C30 INTERIOR FINISHES	C302005 CARPETING	30	Replace C3020 FLOOR FINISHES FLRFNSH_CPT_FL2 C302005 CARPETING Carpet Tile	$13,000
C30 INTERIOR FINISHES	C302004 RESILIENT FLOOR FINISHES	55	Replace C3020 FLOOR FINISHES FLRFNSH_VCT_FL2 C302004 RESILIENT FLOOR FINISHES Vinyl Tile	$35,000
C30 INTERIOR FINISHES	C302004 RESILIENT FLOOR FINISHES	55	Replace C3020 FLOOR FINISHES FLRFNSH_VCT_FL1 C302004 RESILIENT FLOOR FINISHES Vinyl Tile	$209,000
C30 INTERIOR FINISHES	C302009 FLOOR TOPPINGS AND TRAFFIC MEMBRANES	68	Replace C3020 FLOOR FINISHES FLRFNSH_PAINT C302009 FLOOR TOPPINGS AND TRAFFIC MEMBRANES Paint	$48,500
D20 PLUMBING	D201090 OTHER PLUMBING FIXTURES	68	Replace D2010 PLUMBING FIXTURES EEW COMBO_FL1 D201090 OTHER PLUMBING FIXTURES Combo (Eye Wash and Shower)	$3,750
D20 PLUMBING	D203003 FLOOR DRAINS	68	Replace D2030 SANITARY WASTE TRENCH DRAINS D203003 FLOOR DRAINS Trench Drain	$1,450
D20 PLUMBING	D201004 SINKS	68	Replace D2010 PLUMBING FIXTURES MOP SINK_FL1 D201004 SINKS Mop Sink	$36,500
D20 PLUMBING	D201004 SINKS	78	Repair D2010 PLUMBING FIXTURES STAINLESS SINK_FL1 RM100 KDS D201004 SINKS Stainless	$2,100
D20 PLUMBING	D201004 SINKS	78	Repair D2010 PLUMBING FIXTURES STAINLESS SINK_FL1 RM100 KHS D201004 SINKS Stainless	$2,100
D20 PLUMBING	D201004 SINKS	78	Repair D2010 PLUMBING FIXTURES STAINLESS SINK_FL1 RM102 KDS D201004 SINKS Stainless	$2,100

D20 PLUMBING	D201004 SINKS	78	Repair D2010 PLUMBING FIXTURES STAINLESS SINK_FL1 RM102 KDSWW D201004 SINKS Stainless	$2,100
D30 HVAC	D306002 ELECTRONIC CONTROLS	0	Replace D3060 CONTROLS & INSTRUMENTATION DDC_FL2 MECH RM218 D306002 ELECTRONIC CONTROLS General	$1,200
D30 HVAC	D305003 FAN COIL UNITS	3	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 RM180 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 1 ton	$9,000
D30 HVAC	D305003 FAN COIL UNITS	3	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 RM101 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 1 ton	$9,000
D30 HVAC	D304008 AIR HANDLING UNITS	3	Replace D3040 DISTRIBUTION SYSTEMS AHU HV2_FL2 MECH RM218 D304008 AIR HANDLING UNITS Central Station - 10000 CFM, VAV	$185,000
D30 HVAC	D304008 AIR HANDLING UNITS	3	Replace D3040 DISTRIBUTION SYSTEMS AHU HVAC2_FL2 MECH RM218 D304008 AIR HANDLING UNITS Central Station - 5000 CFM, VAV	$113,000
D30 HVAC	D304008 AIR HANDLING UNITS	3	Replace D3040 DISTRIBUTION SYSTEMS AHU HVAC3_FL2 MECH RM218 D304008 AIR HANDLING UNITS Central Station - 2000 CFM	$75,000
D30 HVAC	D305003 FAN COIL UNITS	3	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 RM070 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 1 ton	$9,000
D30 HVAC	D305003 FAN COIL UNITS	3	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 RM072 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 1 ton	$9,000
D30 HVAC	D305003 FAN COIL UNITS	3	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 RM116 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 1 ton	$9,000
D30 HVAC	D305003 FAN COIL UNITS	3	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 RM130 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 1 ton	$9,000
D30 HVAC	D305003 FAN COIL UNITS	3	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 RM144 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 1 ton	$9,000
D30 HVAC	D304008 AIR HANDLING UNITS	3	Replace D3040 DISTRIBUTION SYSTEMS AHU HV1_FL2 MECH RM218 D304008 AIR HANDLING UNITS Central Station - 15000 CFM, VAV	$246,000
D30 HVAC	D304007 EXHAUST SYSTEMS	30	Replace D3040 DISTRIBUTION SYSTEMS EXH 2_FL1 RM122 D304007 EXHAUST SYSTEMS Garage Exhaust Systems - Single exhaust, 3" outlet, 1 bay	$25,000
D30 HVAC	D304007 EXHAUST SYSTEMS	30	Replace D3040 DISTRIBUTION SYSTEMS EXH_FL1 RM114 D304007 EXHAUST SYSTEMS Garage Exhaust Systems - Single exhaust, 3" outlet, 1 bay	$25,000

D30 HVAC	D304007 EXHAUST SYSTEMS	30	Replace D3040 DISTRIBUTION SYSTEMS EXH_FL1 RM126 D304007 EXHAUST SYSTEMS Garage Exhaust Systems - Single exhaust, 3" outlet, 1 bay	$25,000
D30 HVAC	D304007 EXHAUST SYSTEMS	30	Replace D3040 DISTRIBUTION SYSTEMS EXH 1_FL1 RM122 D304007 EXHAUST SYSTEMS Garage Exhaust Systems - Single exhaust, 3" outlet, 1 bay	$25,000
D30 HVAC	D304007 EXHAUST SYSTEMS	30	Replace D3040 DISTRIBUTION SYSTEMS EXH_FL1 RM130 D304007 EXHAUST SYSTEMS Garage Exhaust Systems - Single exhaust, 3" outlet, 1 bay	$25,000
D30 HVAC	D304007 EXHAUST SYSTEMS	30	Replace D3040 DISTRIBUTION SYSTEMS EXH_FL1 RM135 D304007 EXHAUST SYSTEMS Garage Exhaust Systems - Single exhaust, 3" outlet, 1 bay	$25,000
D30 HVAC	D305006 PACKAGE UNITS	42	Replace D3050 TERMINAL & PACKAGE UNITS RTU_LOWER ROOF D305006 PACKAGE UNITS Rooftop Unit - 7-1/2 ton	$30,000
D30 HVAC	D304007 EXHAUST SYSTEMS	55	Replace D3040 DISTRIBUTION SYSTEMS EF 7_UPPER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$16,500
D30 HVAC	D304007 EXHAUST SYSTEMS	55	Replace D3040 DISTRIBUTION SYSTEMS EF 7_LOWER MAIN ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D305003 FAN COIL UNITS	57	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 RM110 D305003 FAN COIL UNITS Duct Mount, 2 Pipe - 5 ton	$69,000
D30 HVAC	D306001 HVAC CONTROLS	63	Replace D3060 CONTROLS & INSTRUMENTATION VFD RF-1_FL2 MECH RM218 D306001 HVAC CONTROLS VFD, 5 HP	$7,800
D30 HVAC	D306001 HVAC CONTROLS	63	Replace D3060 CONTROLS & INSTRUMENTATION VFD RF-2_FL2 MECH RM218 D306001 HVAC CONTROLS VFD, 5 HP	$7,800
D30 HVAC	D306001 HVAC CONTROLS	63	Replace D3060 CONTROLS & INSTRUMENTATION VFD RF-5_FL2 MECH RM218 D306001 HVAC CONTROLS VFD, 5 HP	$7,800
D30 HVAC	D306001 HVAC CONTROLS	63	Replace D3060 CONTROLS & INSTRUMENTATION VFD RF-6_FL2 MECH RM218 D306001 HVAC CONTROLS VFD, 5 HP	$7,800
D30 HVAC	D306001 HVAC CONTROLS	63	Replace D3060 CONTROLS & INSTRUMENTATION VFD RF-7_FL2 MECH RM218 D306001 HVAC CONTROLS VFD, 5 HP	$7,800
D30 HVAC	D306001 HVAC CONTROLS	63	Replace D3060 CONTROLS & INSTRUMENTATION VFD RF-3_FL2 MECH RM218 D306001 HVAC CONTROLS VFD, 5 HP	$7,800
D30 HVAC	D306001 HVAC CONTROLS	63	Replace D3060 CONTROLS & INSTRUMENTATION VFD RF-4_FL2 MECH RM218 D306001 HVAC CONTROLS VFD, 5 HP	$7,800

D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 6_LOWER MAIN ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 2_MAIN LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$16,500
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 3_LOWER EAST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 2_LOWER EAST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 4_LOWER MAIN ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 3_MAIN LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$16,500
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 5_WEST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 8_LOWER MAIN ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 6_WEST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 9_UPPER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$16,500
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 9_LOWER MAIN ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 8_UPPER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 5_LOWER MAIN ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 11_LOWER MAIN ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D302004 AUXILIARY EQUIPMENT	68	Replace D3020 HEAT GENERATING SYSTEMS FWT_FL1 MECH RM111 D302004 AUXILIARY EQUIPMENT Boiler Feedwater Tank - Shot chemical feeder, by pass, floor mount, 5 gal	$12,500
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 19_LOWER MAIN ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000

D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 4_WEST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS HWP 1_FL1 MECH RM111 D304003 HOT WATER DISTRIBUTION SYSTEMS Circulating Pump, End Suction - 5" size, 15 HP, to 1000 GPM	$89,000
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS HWP 2_FL1 MECH RM111 D304003 HOT WATER DISTRIBUTION SYSTEMS Circulating Pump, End Suction - 5" size, 15 HP, to 1000 GPM	$89,000
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 1_LOWER EAST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 10_LOWER MAIN ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 12_LOWER MAIN ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 13_LOWER MAIN ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 14_LOWER MAIN ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 15_LOWER MAIN ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 16_LOWER MAIN ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 17_LOWER MAIN ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 18_LOWER MAIN ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EF 1_MAIN LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$16,500
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF RF-4_UPPER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 8500 CFM	$31,500
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF RF-5_UPPER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 2750 CFM	$12,000
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF RF-7_UPPER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 8500 CFM	$31,500

D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF RF-3_EAST LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 13,800 CFM	$45,000
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF RF-2_WEST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 8500 CFM	$31,500
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF RF-1_WEST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 2750 CFM	$12,000
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF RF-6_UPPER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 13,800 CFM	$45,000
D30 HVAC	D305004 FIN TUBE RADIATION	81	Repair D3050 TERMINAL & PACKAGE UNITS FTR_FL1 D305004 FIN TUBE RADIATION Baseboard Heating - 3/4" Copper Tube	$5,400
D30 HVAC	D305002 UNIT HEATERS	81	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM124 D305002 UNIT HEATERS Hydronic - 20 MBH	$1,550
D30 HVAC	D305002 UNIT HEATERS	81	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM127 D305002 UNIT HEATERS Hydronic - 20 MBH	$1,550
D30 HVAC	D305002 UNIT HEATERS	81	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM128 D305002 UNIT HEATERS Hydronic - 20 MBH	$1,550
D30 HVAC	D305002 UNIT HEATERS	81	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM134 D305002 UNIT HEATERS Hydronic - 20 MBH	$1,550
D30 HVAC	D305002 UNIT HEATERS	81	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM136 D305002 UNIT HEATERS Hydronic - 20 MBH	$1,550
D30 HVAC	D305002 UNIT HEATERS	81	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM139 D305002 UNIT HEATERS Hydronic - 20 MBH	$1,550
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 2_FL1 RM118 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$1,700
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 2_FL1 RM114 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$1,700
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 2_FL1 RM094 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$1,700
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 3_FL1 RM122 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$1,700
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 1_FL1 RM135 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$1,700

D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 1_FL1 RM130 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$1,700
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 1_FL1 RM126 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$1,700
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 1_FL1 RM118 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$1,700
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 1_FL1 RM114 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$1,700
D30 HVAC	D305002 UNIT HEATERS	81	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM123 D305002 UNIT HEATERS Hydronic - 20 MBH	$1,550
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 1_FL1 RM094 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$1,700
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 3_FL1 RM094 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$1,700
D30 HVAC	D304001 AIR DISTRIBUTION, HEATING & COOLING	81	Repair D3040 DISTRIBUTION SYSTEMS VAV_INTERIOR D304001 AIR DISTRIBUTION, HEATING & COOLING VAV Terminal - 1000 CFM, Hot Water Reheat	$207,000
D30 HVAC	D302004 AUXILIARY EQUIPMENT	81	Repair D3020 HEAT GENERATING SYSTEMS ET 1_FL1 MECH RM111 D302004 AUXILIARY EQUIPMENT Expansion Tank - 80 gal	$670
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 4_FL1 RM122 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$1,700
D30 HVAC	D305002 UNIT HEATERS	81	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM121 D305002 UNIT HEATERS Hydronic - 20 MBH	$1,550
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 2_FL1 RM135 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$1,700
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 2_FL1 RM130 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$1,700
D30 HVAC	D305001 UNIT VENTILATORS	81	Repair D3050 TERMINAL & PACKAGE UNITS MAU_FL1 RM183 D305001 UNIT VENTILATORS Make-Up Air Unit - 4000 CFM, 336 MBH, includes standard controls	$5,800
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 2_FL1 RM126 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$1,700
D30 HVAC	D305002 UNIT HEATERS	81	Repair D3050 TERMINAL & PACKAGE UNITS UH 2_FL1 RM120 D305002 UNIT HEATERS Hydronic - 60 MBH	$1,800

D30 HVAC	D305002 UNIT HEATERS	81	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM074 D305002 UNIT HEATERS Hydronic - 20 MBH	$1,550
D30 HVAC	D305002 UNIT HEATERS	81	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM095 D305002 UNIT HEATERS Hydronic - 60 MBH	$2,000
D30 HVAC	D305002 UNIT HEATERS	81	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM116 D305002 UNIT HEATERS Hydronic - 20 MBH	$1,550
D30 HVAC	D304008 AIR HANDLING UNITS	82	Repair D3040 DISTRIBUTION SYSTEMS AHU HVAC1_FL2 MECH RM218 D304008 AIR HANDLING UNITS Central Station - 30000 CFM, VAV	$40,000
D30 HVAC	D302004 AUXILIARY EQUIPMENT	82	Repair D3020 HEAT GENERATING SYSTEMS AS 2_FL1 MECH RM111 D302004 AUXILIARY EQUIPMENT Air Separator - Air control, air separator, 4" diameter, includes strainer	$1,150
D30 HVAC	D302004 AUXILIARY EQUIPMENT	82	Repair D3020 HEAT GENERATING SYSTEMS ET 2_FL1 MECH RM111 D302004 AUXILIARY EQUIPMENT Expansion Tank - 80 gal	$610
D30 HVAC	D304001 AIR DISTRIBUTION, HEATING & COOLING	83	Repair D3040 DISTRIBUTION SYSTEMS DUCTWORK D304001 AIR DISTRIBUTION, HEATING & COOLING Ductwork	$499,000
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	85	Repair D3020 HEAT GENERATING SYSTEMS UH 3_FL1 RM170 D302003 FUEL-FIRED UNIT HEATERS Gas - 100 MBH	$1,300
D30 HVAC	D306001 HVAC CONTROLS	87	Repair D3060 CONTROLS & INSTRUMENTATION VFD CWP-1_FL1 MECH RM111 D306001 HVAC CONTROLS VFD, 7.5 HP	$780
D30 HVAC	D304005 GLYCOL DISTRIBUTION SYSTEMS	87	Repair D3040 DISTRIBUTION SYSTEMS GLYCOL_FL1 MECH RM111 D304005 GLYCOL DISTRIBUTION SYSTEMS Glycol Additive System (Includes Pumps/Tanks/Meters/Controls)	$1,300
D30 HVAC	D306001 HVAC CONTROLS	87	Repair D3060 CONTROLS & INSTRUMENTATION VFD 2_FL2 MECH RM218 D306001 HVAC CONTROLS VFD, 30 HP	$1,850
D30 HVAC	D306001 HVAC CONTROLS	87	Repair D3060 CONTROLS & INSTRUMENTATION VFD 1_FL2 MECH RM218 D306001 HVAC CONTROLS VFD, 10 HP	$830
D30 HVAC	D304006 CHILLED WATER DISTRIBUTION SYSTEMS	87	Repair D3040 DISTRIBUTION SYSTEMS CWP 2_FL1 MECH RM111 D304006 CHILLED WATER DISTRIBUTION SYSTEMS Circulating Pump, End Suction - 4" size, 7-1/2 HP, to 350 GPM	$4,800
D30 HVAC	D304006 CHILLED WATER DISTRIBUTION SYSTEMS	87	Repair D3040 DISTRIBUTION SYSTEMS CWP 1_FL1 MECH RM111 D304006 CHILLED WATER DISTRIBUTION SYSTEMS Circulating Pump, End Suction - 4" size, 7-1/2 HP, to 350 GPM	$4,800
D30 HVAC	D306001 HVAC CONTROLS	87	Repair D3060 CONTROLS & INSTRUMENTATION VFD CEP-2_FL1 MECH RM111 D306001 HVAC CONTROLS VFD, 7.5 HP	$780

D30 HVAC	D303001 CHILLED WATER SYSTEMS	87	Repair D3030 COOLING GENERATING SYSTEMS CH 1-1_NORTH EXTERIOR D303001 CHILLED WATER SYSTEMS Chiller, Reciprocating, Air Cooled - 90 TN	$16,000
D30 HVAC	D305002 UNIT HEATERS	88	Repair D3050 TERMINAL & PACKAGE UNITS UH 1_FL1 RM120 D305002 UNIT HEATERS Hydronic - 60 MBH	$1,050
D30 HVAC	D302001 BOILERS	88	Repair D3020 HEAT GENERATING SYSTEMS BLR_FL1 MECH RM111 D302001 BOILERS Electric, Hot Water - <22 KW, <78 MBH	$2,650
D40 FIRE PROTECTION	D401001 FIRE ALARM DISTRIBUTION	26	Replace D4010 FIRE ALARM AND DETECTION SYSTEMS FIRE ALARM WIRING D401001 FIRE ALARM DISTRIBUTION General	$176,631,000
D40 FIRE PROTECTION	D403001 STANDPIPE EQUIPMENT & PIPING	68	Replace D4030 STANDPIPE SYSTEMS RISER_FL1 RM083 D403001 STANDPIPE EQUIPMENT & PIPING Riser - 4" diam	$114,000
D40 FIRE PROTECTION	D401001 FIRE ALARM DISTRIBUTION	68	Replace D4010 FIRE ALARM AND DETECTION SYSTEMS FACP_FL1 CORRIDOR D401001 FIRE ALARM DISTRIBUTION Fire Alarm Control Panel	$610
D40 FIRE PROTECTION	D401002 FIRE ALARM DEVICES	68	Replace D4010 FIRE ALARM AND DETECTION SYSTEMS FIRE ALARM DEVICES D401002 FIRE ALARM DEVICES General	$74,000
D40 FIRE PROTECTION	D409004 HOOD & DUCT FIRE PROTECTION	68	Replace D4090 OTHER FIRE PROTECTION SYSTEMS ANSUL 2_FL1 D409004 HOOD & DUCT FIRE PROTECTION Wet Chemical (includes agent containers, distribution piping and controls)	$25,500
D40 FIRE PROTECTION	D409004 HOOD & DUCT FIRE PROTECTION	68	Replace D4090 OTHER FIRE PROTECTION SYSTEMS ANSUL 1_FL1 D409004 HOOD & DUCT FIRE PROTECTION Wet Chemical (includes agent containers, distribution piping and controls)	$25,500
D40 FIRE PROTECTION	D402001 FIRE PROTECTION WATER PIPING AND EQUIPMENT	83	Repair D4020 FIRE SUPP WATER SUPPLY / EQUIP BFP_FL1 MECH RM083 D402001 FIRE PROTECTION WATER PIPING AND EQUIPMENT Backflow Preventer - 4"	$1,350
D40 FIRE PROTECTION	D402001 FIRE PROTECTION WATER PIPING AND EQUIPMENT	83	Repair D4020 FIRE SUPP WATER SUPPLY / EQUIP BFP_FL1 RM183 D402001 FIRE PROTECTION WATER PIPING AND EQUIPMENT Backflow Preventer - 1-1/2"	$500
D50 ELECTRICAL	D503005 SECURITY SYSTEMS	26	Replace D5030 COMMUNICATIONS & SECURITY SEC_BLDG WIDE D503005 SECURITY SYSTEMS General	$1,250
D50 ELECTRICAL	D503002 PUBLIC ADDRESS SYSTEMS	26	Replace D5030 COMMUNICATIONS & SECURITY PA_BLDG WIDE D503002 PUBLIC ADDRESS SYSTEMS 30 outlets	$122,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	68	Replace D5020 LIGHTING & BRANCH WIRING CFL_FL2 D502002 LIGHTING EQUIPMENT Interior Lighting, Fluorescent	$3,050

D50 ELECTRICAL	D509002 EMERGENCY LIGHTING & POWER	68	Replace D5090 OTHER ELECTRICAL SERVICES ELTG_FL1 D509002 EMERGENCY LIGHTING & POWER Emergency Lighting - Bugeye	$1,100
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	68	Replace D5020 LIGHTING & BRANCH WIRING MH_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, High Intensity - Metal Halide 400 W (Type B)	$33,500
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	68	Replace D5020 LIGHTING & BRANCH WIRING MH_EXTERIOR D502002 LIGHTING EQUIPMENT Exterior Lighting - Metal halide, wall pack, 250 W	$29,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	68	Replace D5020 LIGHTING & BRANCH WIRING INCAN_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, Incandescent	$5,800
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	68	Replace D5020 LIGHTING & BRANCH WIRING HPS_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, High Intensity - High Pressure Sodium 150 W (Type K)	$34,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	68	Replace D5020 LIGHTING & BRANCH WIRING EXP LTG 2LT8_FL1 D502002 LIGHTING EQUIPMENT Explosion Proof Lighting - Fluorescent, ceiling mounted, 2-40 W, 4' L	$196,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	68	Replace D5020 LIGHTING & BRANCH WIRING EXIT LTG_FL1 D502002 LIGHTING EQUIPMENT Exit Lighting	$15,500
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	68	Replace D5020 LIGHTING & BRANCH WIRING 6LT5_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 6 Lamp T5, HO	$12,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	68	Replace D5020 LIGHTING & BRANCH WIRING 4LT8_FL2 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 4 Lamp T8	$11,500
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	68	Replace D5020 LIGHTING & BRANCH WIRING 4LT8_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 4 Lamp T8	$73,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	68	Replace D5020 LIGHTING & BRANCH WIRING 3LT8_FL2 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 3 Lamp T8	$57,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	68	Replace D5020 LIGHTING & BRANCH WIRING 3LT8_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 3 Lamp T8	$271,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	68	Replace D5020 LIGHTING & BRANCH WIRING 2LT8_FL2 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 2 Lamp T8	$54,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	68	Replace D5020 LIGHTING & BRANCH WIRING 2LT8_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 2 Lamp T8	$648,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	68	Replace D5020 LIGHTING & BRANCH WIRING 1LT8_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 1 Lamp T8	$2,250

D50 ELECTRICAL	D501005 ENCLOSED CIRCUIT BREAKERS	68	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION ECB_FL1 D501005 ENCLOSED CIRCUIT BREAKERS Enclosed Circuit Breaker, 100 Amp	$8,300
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	68	Replace D5020 LIGHTING & BRANCH WIRING CFL_EXTERIOR D502002 LIGHTING EQUIPMENT Exterior Fluorescent Lighting	$12,000
E10 EQUIPMENT	E103002 LOADING DOCK EQUIPMENT	68	Replace E1030 VEHICULAR EQUIPMENT DOCK LVLR_EAST EXTERIOR E103002 LOADING DOCK EQUIPMENT Loading Dock Equipment - Dock Leveler, hydraulic, 7' x 8', 10 ton	$19,000
E10 EQUIPMENT	E103002 LOADING DOCK EQUIPMENT	68	Replace E1030 VEHICULAR EQUIPMENT DOCK LVLR_NORTH EXTERIOR E103002 LOADING DOCK EQUIPMENT Loading Dock Equipment - Dock Leveler, hydraulic, 7' x 8', 10 ton	$19,000
E10 EQUIPMENT	E103004 AUTOMOTIVE SHOP EQUIPMENT	78	Repair E1030 VEHICULAR EQUIPMENT AIR COMP_FL1 MECH RM131 E103004 AUTOMOTIVE SHOP EQUIPMENT Compressor, Electric, 5 HP, dual controls	$1,700

Billings FMS 06

SIMULATOR BLDG NON-MOTION

System	Component	CSCI	Deficinecy Description	Est. Cost
B20 EXTERIOR ENCLOSURE	B203001 SOLID DOORS	78	Repair B2030 EXTERIOR DOORS EXTDR_METAL B203001 SOLID DOORS Steel	$3,150
B20 EXTERIOR ENCLOSURE	B203004 OVERHEAD AND ROLL-UP DOORS	78	Repair B2030 EXTERIOR DOORS EXT OH DOOR_10X10 B203004 OVERHEAD AND ROLL-UP DOORS Steel Sectional, Electric, 10'x10'	$1,800
B30 ROOFING	B301002 LOW SLOPE ROOF SYSTEMS	48	Replace B3010 ROOF COVERINGS ROOFCVR_TPO B301002 LOW SLOPE ROOF SYSTEMS Single Ply Membrane	$46,000
B30 ROOFING	B301005 GUTTERS & DOWNSPOUTS	79	Repair B3010 ROOF COVERINGS GUTTERS B301005 GUTTERS & DOWNSPOUTS Gutters	$1,050
C10 INTERIOR CONSTRUCTION	C101004 INTERIOR GUARDRAILS & SCREENS	36	Replace C1010 PARTITIONS INT_GUARDRAIL C101004 INTERIOR GUARDRAILS & SCREENS Guardrail	$2,450
C30 INTERIOR FINISHES	C302004 RESILIENT FLOOR FINISHES	32	Replace C3020 FLOOR FINISHES FLRFNSH_VCT C302004 RESILIENT FLOOR FINISHES Vinyl Tile	$4,550
D30 HVAC	D304007 EXHAUST SYSTEMS	26	Replace D3040 DISTRIBUTION SYSTEMS EF_NORTH EXTERIOR D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 3500 CFM	$79,000
D30 HVAC	D304007 EXHAUST SYSTEMS	26	Replace D3040 DISTRIBUTION SYSTEMS EXH 2_FL1 RM101 D304007 EXHAUST SYSTEMS Garage Exhaust Systems - Single exhaust, 3" outlet, 1 bay	$25,000
D30 HVAC	D304007 EXHAUST SYSTEMS	30	Replace D3040 DISTRIBUTION SYSTEMS EXH 1_FL1 RM101 D304007 EXHAUST SYSTEMS Garage Exhaust Systems - Single exhaust, 3" outlet, 1 bay	$25,000
D30 HVAC	D302002 FURNACES	31	Replace D3020 HEAT GENERATING SYSTEMS FRN_FL1 MECH RM102 D302002 FURNACES Gas, 60 MBH	$8,500
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 2_FL1 RM101 D302003 FUEL-FIRED UNIT HEATERS Gas - 100 MBH	$1,550
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 1_FL1 RM101 D302003 FUEL-FIRED UNIT HEATERS Gas - 160 MBH	$1,700
D50 ELECTRICAL	D501004 PANELBOARDS	36	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION PNL A_FL1 MECH RM102 D501004 PANELBOARDS Main Circuit Breaker, 277/480 V, 200 amp	$5,500

D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	36	Replace D5020 LIGHTING & BRANCH WIRING 3LT8_BLDG WIDE D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 3 Lamp T8	$4,150
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	36	Replace D5020 LIGHTING & BRANCH WIRING INCAN_BLDG WIDE D502002 LIGHTING EQUIPMENT Interior Lighting, Incandescent	$1,350
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	78	Repair D5020 LIGHTING & BRANCH WIRING LED_EXTERIOR D502002 LIGHTING EQUIPMENT Exterior LED Lighting	$1,400
D50 ELECTRICAL	D509002 EMERGENCY LIGHTING & POWER	78	Repair D5090 OTHER ELECTRICAL SERVICES ELTG_BLDG WIDE D509002 EMERGENCY LIGHTING & POWER Emergency Lighting - Bugeye	$650

Butte AFRC

ARNG ANNEX (1ST & 2ND FLOORS)

System	Component	CSCI	Deficinecy Description	Est. Cost
B20 EXTERIOR ENCLOSURE	B202001 WINDOWS	76	Repair B2020 EXTERIOR WINDOWS EXTWIND B202001 WINDOWS General	$9,900
C30 INTERIOR FINISHES	C302005 CARPETING	0	Replace C3020 FLOOR FINISHES FLRFNSH_CPT C302005 CARPETING General	$49,500
C30 INTERIOR FINISHES	C301005 WALL COVERINGS	46	Replace C3010 WALL FINISHES WLFNSH_FRP C301005 WALL COVERINGS Laminated Plastic	$2,900
D20 PLUMBING	D201004 SINKS	1	Replace D2010 PLUMBING FIXTURES MOP SINK_FL1 D201004 SINKS Mop Sink	$9,100
D20 PLUMBING	D203003 FLOOR DRAINS	60	Replace D2030 SANITARY WASTE FLOOR DRAINS D203003 FLOOR DRAINS General	$21,000
D20 PLUMBING	D203001 WASTE PIPE & FITTINGS	74	Repair D2030 SANITARY WASTE SW PIPING D203001 WASTE PIPE & FITTINGS General	$10,500
D20 PLUMBING	D202003 DOMESTIC WATER EQUIPMENT	78	Repair D2020 DOMESTIC WATER DISTRIBUTION DWH_FL1 RM109 D202003 DOMESTIC WATER EQUIPMENT Water Heaters, Commercial, Electric - 50 gal, 9 KW, 37 GPH	$5,000
D30 HVAC	D306002 ELECTRONIC CONTROLS	22	Replace D3060 CONTROLS & INSTRUMENTATION DDC_BLDG WIDE D306002 ELECTRONIC CONTROLS General	$3,900
D30 HVAC	D304001 AIR DISTRIBUTION, HEATING & COOLING	83	Repair D3040 DISTRIBUTION SYSTEMS DUCTWORK D304001 AIR DISTRIBUTION, HEATING & COOLING Ductwork	$17,500
D40 FIRE PROTECTION	D401001 FIRE ALARM DISTRIBUTION	3	Replace D4010 FIRE ALARM AND DETECTION SYSTEMS FIRE ALARM WIRING D401001 FIRE ALARM DISTRIBUTION General	$5,529,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	49	Replace D5020 LIGHTING & BRANCH WIRING HPS_EXTERIOR D502002 LIGHTING EQUIPMENT Exterior Lighting - High pressure sodium, wall pack, 150 W	$1,250
D50 ELECTRICAL	D509003 GROUNDING SYSTEMS	74	Repair D5090 OTHER ELECTRICAL SERVICES ELEC GROUDING D509003 GROUNDING SYSTEMS Other	$55,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	74	Replace D5020 LIGHTING & BRANCH WIRING INCAN_BLDG WIDE D502002 LIGHTING EQUIPMENT Interior Lighting, Incandescent	$1,800
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	78	Repair D5020 LIGHTING & BRANCH WIRING LED_EXTERIOR D502002 LIGHTING EQUIPMENT Exterior LED Lighting	$1,400

BUTTE READINESS CENTER

System	Component	CSCI	Deficinecy Description	Est. Cost
B20 EXTERIOR ENCLOSURE	B203001 SOLID DOORS	3	Replace B2030 EXTERIOR DOORS EXTDR_METAL B203001 SOLID DOORS Steel	$48,000
B20 EXTERIOR ENCLOSURE	B201001 EXTERIOR CLOSURE	34	Replace B2010 EXTERIOR WALLS EXTWALL_METAL PANEL B201001 EXTERIOR CLOSURE Metal Panel	$256,000
B20 EXTERIOR ENCLOSURE	B202001 WINDOWS	49	Replace B2020 EXTERIOR WINDOWS EXTWIND_11X2 B202001 WINDOWS General	$17,000
B30 ROOFING	B301005 GUTTERS & DOWNSPOUTS	3	Replace B3010 ROOF COVERINGS DOWNSPOUTS B301005 GUTTERS & DOWNSPOUTS Downspouts	$1,050
C10 INTERIOR CONSTRUCTION	C101001 FIXED PARTITIONS	3	Replace C1010 PARTITIONS INTWALL_SECURITY CAGE C101001 FIXED PARTITIONS Security Cage / Wire Mesh	$96,000
C10 INTERIOR CONSTRUCTION	C101005 INTERIOR WINDOWS	27	Replace C1010 PARTITIONS INTWIND_7 C101005 INTERIOR WINDOWS General	$30,500
C10 INTERIOR CONSTRUCTION	C103010 CASEWORK	49	Replace C1030 SPECIALTIES CASEWORK C103010 CASEWORK Other	$14,500
C10 INTERIOR CONSTRUCTION	C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS	78	Repair C1030 SPECIALTIES INT PART_WC STALL C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS Toilet Partitions	$1,700
C30 INTERIOR FINISHES	C302004 RESILIENT FLOOR FINISHES	1	Replace C3020 FLOOR FINISHES FLRFNSH_VCT C302004 RESILIENT FLOOR FINISHES Vinyl Tile	$60,000
C30 INTERIOR FINISHES	C302005 CARPETING	25	Replace C3020 FLOOR FINISHES FLRFNSH_CPT C302005 CARPETING General	$18,000
C30 INTERIOR FINISHES	C301005 WALL COVERINGS	31	Replace C3010 WALL FINISHES WLFNSH_FRP C301005 WALL COVERINGS Laminated Plastic	$1,750
C30 INTERIOR FINISHES	C302004 RESILIENT FLOOR FINISHES	36	Replace C3020 FLOOR FINISHES FLRFNSH_SHT VNYL C302004 RESILIENT FLOOR FINISHES Composition Sheet	$6,600
C30 INTERIOR FINISHES	C301005 WALL COVERINGS	46	Replace C3010 WALL FINISHES WLFNSH_WOOD C301005 WALL COVERINGS Wood	$11,500
D20 PLUMBING	D204003 RAINWATER DRAINAGE EQUIPMENT	0	Replace D2040 RAIN WATER DRAINAGE SUMP_B1 D204003 RAINWATER DRAINAGE EQUIPMENT Sump Pump - Submersible	$5,500
D20 PLUMBING	D203001 WASTE PIPE & FITTINGS	21	Replace D2030 SANITARY WASTE SW PIPING D203001 WASTE PIPE & FITTINGS General	$180,000

D20 PLUMBING	D204002 ROOF DRAINS	31	Replace D2040 RAIN WATER DRAINAGE ROOF DRAINS D204002 ROOF DRAINS General	$176,000
D20 PLUMBING	D201006 DRINKING FOUNTAINS AND COOLERS	31	Replace D2010 PLUMBING FIXTURES WATER COOLER_FL1 D201006 DRINKING FOUNTAINS AND COOLERS Drinking Fountain	$9,400
D20 PLUMBING	D203003 FLOOR DRAINS	37	Replace D2030 SANITARY WASTE FLOOR DRAINS D203003 FLOOR DRAINS General	$26,500
D20 PLUMBING	D201004 SINKS	49	Replace D2010 PLUMBING FIXTURES MOP SINK_FL1 D201004 SINKS Mop Sink	$9,100
D30 HVAC	D306002 ELECTRONIC CONTROLS	11	Replace D3060 CONTROLS & INSTRUMENTATION DDC_BLDG WIDE D306002 ELECTRONIC CONTROLS General	$16,000
D30 HVAC	D304001 AIR DISTRIBUTION, HEATING & COOLING	24	Replace D3040 DISTRIBUTION SYSTEMS DUCTWORK D304001 AIR DISTRIBUTION, HEATING & COOLING Ductwork	$590,000
D30 HVAC	D305003 FAN COIL UNITS	24	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 RM122 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 2 ton	$3,700
D30 HVAC	D305003 FAN COIL UNITS	25	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 RM100 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 2 ton	$3,700
D30 HVAC	D305003 FAN COIL UNITS	25	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 RM120 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 2 ton	$3,700
D30 HVAC	D305003 FAN COIL UNITS	25	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 RM119 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 2 ton	$3,700
D30 HVAC	D305003 FAN COIL UNITS	25	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 RM107 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 2 ton	$3,700
D30 HVAC	D305003 FAN COIL UNITS	25	Replace D3050 TERMINAL & PACKAGE UNITS FCU 1_FL1 RM108 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 2 ton	$3,700
D30 HVAC	D305003 FAN COIL UNITS	25	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 RM108 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 2 ton	$3,700
D30 HVAC	D304008 AIR HANDLING UNITS	30	Replace D3040 DISTRIBUTION SYSTEMS AHU H&V-1_FL1 RM133 D304008 AIR HANDLING UNITS Central Station - 5000 CFM	$106,000
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	31	Replace D3020 HEAT GENERATING SYSTEMS UH IRH-1_FL1 RM125 D302003 FUEL-FIRED UNIT HEATERS Gas - 160 MBH	$12,000
D30 HVAC	D305002 UNIT HEATERS	34	Replace D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM139 D305002 UNIT HEATERS Hydronic - 60 MBH	$14,000

D30 HVAC	D305002 UNIT HEATERS	34	Replace D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM138 D305002 UNIT HEATERS Hydronic - 20 MBH	$11,000
D30 HVAC	D305002 UNIT HEATERS	34	Replace D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM133 D305002 UNIT HEATERS Hydronic - 60 MBH	$14,000
D30 HVAC	D305002 UNIT HEATERS	34	Replace D3050 TERMINAL & PACKAGE UNITS UH_B1 D305002 UNIT HEATERS Hydronic - 60 MBH	$14,000
D30 HVAC	D304007 EXHAUST SYSTEMS	35	Replace D3040 DISTRIBUTION SYSTEMS EF 6_LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Utility Set - 2000 CFM	$33,000
D30 HVAC	D304007 EXHAUST SYSTEMS	35	Replace D3040 DISTRIBUTION SYSTEMS EF 5_FL1 RM133 D304007 EXHAUST SYSTEMS Fan System, Utility Set - 2000 CFM	$33,000
D30 HVAC	D304007 EXHAUST SYSTEMS	49	Replace D3040 DISTRIBUTION SYSTEMS EF_SLANTED ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$16,500
D30 HVAC	D304007 EXHAUST SYSTEMS	49	Replace D3040 DISTRIBUTION SYSTEMS EF 1_SLANTED ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$16,500
D30 HVAC	D304007 EXHAUST SYSTEMS	75	Replace D3040 DISTRIBUTION SYSTEMS EF 7_LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 1500 CFM	$32,500
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EXH MAU-1_LOWER ROOF D304007 EXHAUST SYSTEMS Kitchen Exhaust/Make-Up Air - 2000 CFM	$19,000
D30 HVAC	D302004 AUXILIARY EQUIPMENT	78	Repair D3020 HEAT GENERATING SYSTEMS FWT_FL1 MECH RM129 D302004 AUXILIARY EQUIPMENT Chemical Feedwater - 125 PSIG, 1.7 gallon	$2,450
D30 HVAC	D302001 BOILERS	82	Repair D3020 HEAT GENERATING SYSTEMS BLR B-1_FL1 MECH RM129 D302001 BOILERS Gas, Hot Water - 500-650 MBH	$13,000
D30 HVAC	D305005 ELECTRIC HEATING	82	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM140 D305005 ELECTRIC HEATING 208-240 volt, 2 kW	$1,050
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	82	Repair D3040 DISTRIBUTION SYSTEMS HWP BP-1_FL1 MECH RM129 D304003 HOT WATER DISTRIBUTION SYSTEMS Circulating Pump - 1/2 HP	$1,100
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	82	Repair D3040 DISTRIBUTION SYSTEMS HWP BP-2_FL1 MECH RM129 D304003 HOT WATER DISTRIBUTION SYSTEMS Circulating Pump - 1/2 HP	$1,100
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	84	Repair D3040 DISTRIBUTION SYSTEMS HWP CP-2_FL1 MECH RM129 D304003 HOT WATER DISTRIBUTION SYSTEMS Circulating Pump - 1 HP	$1,200
D40 FIRE PROTECTION	D409004 HOOD & DUCT FIRE PROTECTION	49	Replace D4090 OTHER FIRE PROTECTION SYSTEMS ANSUL_FL1 D409004 HOOD & DUCT FIRE PROTECTION Dry Chemical (includes agent containers, distribution piping and controls)	$12,500

D50 ELECTRICAL	D503005 SECURITY SYSTEMS	13	Replace D5030 COMMUNICATIONS & SECURITY SEC_VAULT D503005 SECURITY SYSTEMS General	$1,250
D50 ELECTRICAL	D501004 PANELBOARDS	28	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION PNL A1_FL1 RM125 D501004 PANELBOARDS Main lugs, 400 amp	$11,000
D50 ELECTRICAL	D509002 EMERGENCY LIGHTING & POWER	33	Replace D5090 OTHER ELECTRICAL SERVICES ELTG_FL1 D509002 EMERGENCY LIGHTING & POWER Emergency Lighting - Bugeye	$1,100
D50 ELECTRICAL	D501004 PANELBOARDS	34	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION PNL A2_FL1 RM125 D501004 PANELBOARDS Main lugs, 120/240 V, 225 amp, NQOD	$16,500
D50 ELECTRICAL	D501005 ENCLOSED CIRCUIT BREAKERS	34	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION ECB OH DOOR DISC_FL1 RM125 D501005 ENCLOSED CIRCUIT BREAKERS Enclosed Circuit Breaker, 30-100 Amp	$1,700
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	49	Replace D5020 LIGHTING & BRANCH WIRING INCAN_BASEMENT D502002 LIGHTING EQUIPMENT Interior Lighting, Incandescent	$500
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	49	Replace D5020 LIGHTING & BRANCH WIRING 2LT8_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 2 Lamp T8	$69,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	49	Replace D5020 LIGHTING & BRANCH WIRING 4LT8_BSMT D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 4 Lamp T8	$5,700
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	49	Replace D5020 LIGHTING & BRANCH WIRING 2LT8_BSMT D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 2 Lamp T8	$5,500
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	49	Replace D5020 LIGHTING & BRANCH WIRING 4LT8_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 4 Lamp T8	$44,500
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	74	Replace D5020 LIGHTING & BRANCH WIRING 3LT8_BLDG WIDE D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 3 Lamp T8	$1,400
D50 ELECTRICAL	D509002 EMERGENCY LIGHTING & POWER	74	Replace D5090 OTHER ELECTRICAL SERVICES ELTG_BLDG WIDE D509002 EMERGENCY LIGHTING & POWER Emergency Lighting - Bugeye	$1,100
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	74	Replace D5020 LIGHTING & BRANCH WIRING INCAN_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, Incandescent	$880
D50 ELECTRICAL	D501004 PANELBOARDS	74	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION SS_EAST EXTERIOR D501004 PANELBOARDS Safety Switch, 200 Amp	$2,800
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	74	Replace D5020 LIGHTING & BRANCH WIRING EXIT LTG_FL1 D502002 LIGHTING EQUIPMENT Exit Lighting	$2,400
D50 ELECTRICAL	D501004 PANELBOARDS	76	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION PNL B_FL1 RM120 D501004 PANELBOARDS Main lugs, 120/208 V, 225 amp, NQOD	$22,000

D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	78	Repair D5020 LIGHTING & BRANCH WIRING LED_EXTERIOR D502002 LIGHTING EQUIPMENT Exterior LED Lighting	$7,000

VEHICLE MAINTENANCE SHOP

System	Component	CSCI	Deficinecy Description	Est. Cost
B20 EXTERIOR ENCLOSURE	B203001 SOLID DOORS	32	Replace B2030 EXTERIOR DOORS EXTDR_METAL B203001 SOLID DOORS Steel	$40,000
B20 EXTERIOR ENCLOSURE	B201007 EXTERIOR SOFFITS	33	Replace B2010 EXTERIOR WALLS EXT_SOFFIT B201007 EXTERIOR SOFFITS General	$17,000
C30 INTERIOR FINISHES	C302004 RESILIENT FLOOR FINISHES	36	Replace C3020 FLOOR FINISHES FLRFNSH_VCT C302004 RESILIENT FLOOR FINISHES Vinyl Tile	$500
D20 PLUMBING	D201003 LAVATORIES	10	Replace D2010 PLUMBING FIXTURES LAV_FL1 D201003 LAVATORIES General	$5,900
D20 PLUMBING	D201001 WATERCLOSETS	10	Replace D2010 PLUMBING FIXTURES WC_FL1 D201001 WATERCLOSETS General	$4,250
D20 PLUMBING	D201004 SINKS	10	Replace D2010 PLUMBING FIXTURES SERVICE SINK_FL1 D201004 SINKS Service Sink	$13,000
D20 PLUMBING	D201006 DRINKING FOUNTAINS AND COOLERS	10	Replace D2010 PLUMBING FIXTURES WATER COOLER_FL1 D201006 DRINKING FOUNTAINS AND COOLERS Water Cooler	$7,400
D20 PLUMBING	D203003 FLOOR DRAINS	10	Replace D2030 SANITARY WASTE FLOOR DRAINS D203003 FLOOR DRAINS General	$5,300
D20 PLUMBING	D202003 DOMESTIC WATER EQUIPMENT	31	Replace D2020 DOMESTIC WATER DISTRIBUTION DWH_FL2 STORAGE RM D202003 DOMESTIC WATER EQUIPMENT Water Heaters, Commercial, Gas - 75 MBH input, 63 GPH	$20,000
D20 PLUMBING	D201090 OTHER PLUMBING FIXTURES	34	Replace D2010 PLUMBING FIXTURES EEW COMBO D201090 OTHER PLUMBING FIXTURES Combo (Eye Wash and Shower)	$3,750
D20 PLUMBING	D203003 FLOOR DRAINS	34	Replace D2030 SANITARY WASTE TRENCH DRAINS D203003 FLOOR DRAINS Trench Drain	$3,550
D30 HVAC	D304007 EXHAUST SYSTEMS	25	Replace D3040 DISTRIBUTION SYSTEMS EF_EAST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 1500 CFM	$32,500
D30 HVAC	D304007 EXHAUST SYSTEMS	25	Replace D3040 DISTRIBUTION SYSTEMS EXH_FL1 RM108 D304007 EXHAUST SYSTEMS Garage Exhaust Systems - Dual exhaust, 3" outlets, pair of adjoining bays	$7,900

D30 HVAC	D306004 INSTRUMENT AIR COMPRESSORS	30	Replace D3060 CONTROLS & INSTRUMENTATION AIR COMP_FL1 RM109 D306004 INSTRUMENT AIR COMPRESSORS General	$31,000
D30 HVAC	D304007 EXHAUST SYSTEMS	34	Replace D3040 DISTRIBUTION SYSTEMS EF 8_SOUTH EXTERIOR D304007 EXHAUST SYSTEMS Fan System, Wall Exhaust - 500 CFM	$7,900
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	39	Replace D3020 HEAT GENERATING SYSTEMS UH 2_FL1 RM109 D302003 FUEL-FIRED UNIT HEATERS Gas - 100 MBH	$11,000
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	39	Replace D3020 HEAT GENERATING SYSTEMS UH 1_FL1 RM109 D302003 FUEL-FIRED UNIT HEATERS Gas - 100 MBH	$11,000
D30 HVAC	D305005 ELECTRIC HEATING	67	Replace D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM103 D305005 ELECTRIC HEATING 208-240 volt, 2 kW	$8,100
D30 HVAC	D305005 ELECTRIC HEATING	67	Replace D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM105 D305005 ELECTRIC HEATING 208-240 volt, 2 kW	$8,100
D30 HVAC	D305005 ELECTRIC HEATING	67	Replace D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM101 D305005 ELECTRIC HEATING 208-240 volt, 2 kW	$8,100
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	31	Replace D5020 LIGHTING & BRANCH WIRING HPS_EXTERIOR D502002 LIGHTING EQUIPMENT Exterior Lighting - High pressure sodium, wall pack, 70 W	$2,550
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	34	Replace D5020 LIGHTING & BRANCH WIRING INCAN_BLDG WIDE D502002 LIGHTING EQUIPMENT Interior Lighting, Incandescent	$500
D50 ELECTRICAL	D501004 PANELBOARDS	34	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION SS_FL1 EXTERIOR D501004 PANELBOARDS Safety Switch, 200 Amp	$2,800
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	34	Replace D5020 LIGHTING & BRANCH WIRING 2LT8_BLDG WIDE D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 2 Lamp T8	$33,500
D50 ELECTRICAL	D502001 BRANCH WIRING	74	Repair D5020 LIGHTING & BRANCH WIRING ELEC WIRING D502001 BRANCH WIRING General	$18,500
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	78	Repair D5020 LIGHTING & BRANCH WIRING LED_EXTERIOR D502002 LIGHTING EQUIPMENT Exterior LED Lighting	$1,400

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ARNG READINESS CENTER

System	Component	CSCI	Deficinecy Description	Est. Cost
B20 EXTERIOR ENCLOSURE	B203001 SOLID DOORS	34	Replace B2030 EXTERIOR DOORS EXTDR_METAL B203001 SOLID DOORS Steel	$32,000
B20 EXTERIOR ENCLOSURE	B203004 OVERHEAD AND ROLL-UP DOORS	34	Replace B2030 EXTERIOR DOORS EXTDR_OH_MTL B203004 OVERHEAD AND ROLL-UP DOORS Steel Sectional, Electric, 20'x14'	$16,500
B20 EXTERIOR ENCLOSURE	B201007 EXTERIOR SOFFITS	34	Replace B2010 EXTERIOR WALLS EXT_SOFFIT B201007 EXTERIOR SOFFITS General	$1,350
B30 ROOFING	B301005 GUTTERS & DOWNSPOUTS	34	Replace B3010 ROOF COVERINGS DOWNSPOUTS B301005 GUTTERS & DOWNSPOUTS Downspouts	$4,550
C10 INTERIOR CONSTRUCTION	C101001 FIXED PARTITIONS	34	Replace C1010 PARTITIONS INTWALL_SECURITY CAGE_FL1 C101001 FIXED PARTITIONS Security Cage / Wire Mesh	$16,000
C10 INTERIOR CONSTRUCTION	C101005 INTERIOR WINDOWS	34	Replace C1010 PARTITIONS INTWIND_FL1 C101005 INTERIOR WINDOWS General	$4,000
C10 INTERIOR CONSTRUCTION	C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS	34	Replace C1030 SPECIALTIES INT PART_URN SCRN_FL1 C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS Urinal Screen	$1,150
C10 INTERIOR CONSTRUCTION	C103005 LOCKERS	58	Replace C1030 SPECIALTIES LOCKERS_FL1 C103005 LOCKERS General	$28,000
C30 INTERIOR FINISHES	C302004 RESILIENT FLOOR FINISHES	32	Replace C3020 FLOOR FINISHES FLRFNSH_VCT_FL1 C302004 RESILIENT FLOOR FINISHES Vinyl Tile	$55,000
C30 INTERIOR FINISHES	C302005 CARPETING	71	Replace C3020 FLOOR FINISHES FLRFNSH_CPT_FL1 C302005 CARPETING General	$21,000
D20 PLUMBING	D201004 SINKS	32	Replace D2010 PLUMBING FIXTURES MOP SINK_FL1 D201004 SINKS Mop Sink	$9,100
D20 PLUMBING	D201005 SHOWERS/TUBS	35	Replace D2010 PLUMBING FIXTURES SHOWERS_FL1_1980 D201005 SHOWERS/TUBS Shower	$24,000
D20 PLUMBING	D201006 DRINKING FOUNTAINS AND COOLERS	35	Replace D2010 PLUMBING FIXTURES WATER COOLER_FL1 D201006 DRINKING FOUNTAINS AND COOLERS Drinking Fountain	$9,400
D20 PLUMBING	D203003 FLOOR DRAINS	35	Replace D2030 SANITARY WASTE FLOOR DRAINS D203003 FLOOR DRAINS General	$53,000

D20 PLUMBING	D201003 LAVATORIES	35	Replace D2010 PLUMBING FIXTURES LAV_FL1_1980 D201003 LAVATORIES General	$12,000
D30 HVAC	D304007 EXHAUST SYSTEMS	24	Replace D3040 DISTRIBUTION SYSTEMS EF 3_LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 1500 CFM	$32,500
D30 HVAC	D304007 EXHAUST SYSTEMS	24	Replace D3040 DISTRIBUTION SYSTEMS EF_LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 1500 CFM	$32,500
D30 HVAC	D304007 EXHAUST SYSTEMS	24	Replace D3040 DISTRIBUTION SYSTEMS EF_ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 1500 CFM	$32,500
D30 HVAC	D304007 EXHAUST SYSTEMS	24	Replace D3040 DISTRIBUTION SYSTEMS EF 2_LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 1500 CFM	$32,500
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	35	Replace D3020 HEAT GENERATING SYSTEMS UH_FL1 NORTH STORAGE D302003 FUEL-FIRED UNIT HEATERS Gas - 20 MBH	$9,100
D30 HVAC	D303002 DIRECT EXPANSION SYSTEMS	81	Repair D3030 COOLING GENERATING SYSTEMS DX CU-1_NORTH EXTERIOR D303002 DIRECT EXPANSION SYSTEMS Condenser, DX, Air Cooled - Direct Drive, 5 ton	$3,100
D30 HVAC	D303002 DIRECT EXPANSION SYSTEMS	81	Repair D3030 COOLING GENERATING SYSTEMS DX CU-2_NORTH EXTERIOR D303002 DIRECT EXPANSION SYSTEMS Condenser, DX, Air Cooled - Direct Drive, 5 ton	$3,100
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	84	Repair D3020 HEAT GENERATING SYSTEMS UH_FL1 ASSEMBLY HALL D302003 FUEL-FIRED UNIT HEATERS Gas - 100 MBH	$4,450
D40 FIRE PROTECTION	D409004 HOOD & DUCT FIRE PROTECTION	64	Replace D4090 OTHER FIRE PROTECTION SYSTEMS ANSUL_FL1 FOOD PREP D409004 HOOD & DUCT FIRE PROTECTION Dry Chemical (includes agent containers, distribution piping and controls)	$12,500
D50 ELECTRICAL	D501004 PANELBOARDS	30	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION PNL B_FL1 RM113 D501004 PANELBOARDS Main lugs, 120/208 V, 100 amp, NQOD	$13,000
D50 ELECTRICAL	D501004 PANELBOARDS	30	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION PNL A_FL1 RM118 D501004 PANELBOARDS Main lugs, 120/208 V, 225 amp, NQOD	$22,000
D50 ELECTRICAL	D501004 PANELBOARDS	30	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION PNL_FL1 RM118 D501004 PANELBOARDS Main lugs, 600 amp	$34,000
D50 ELECTRICAL	D501004 PANELBOARDS	32	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION SS_NORTH EXTERIOR D501004 PANELBOARDS Safety Switch, 600 Amp	$18,500
D50 ELECTRICAL	D501004 PANELBOARDS	32	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION SS_FL1 RM213 D501004 PANELBOARDS Safety Switch, 200 Amp	$2,800

D50 ELECTRICAL	D501004 PANELBOARDS	64	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION PNL D_FL1 RM118 D501004 PANELBOARDS Main lugs, 125 amp	$3,950

Dillon Readiness Center

READINESS CENTER

System	Component	CSCI	Deficinecy Description	Est. Cost
B20 EXTERIOR ENCLOSURE	B201005 EXTERIOR LOUVERS & SCREENS	77	Repair B2010 EXTERIOR WALLS EXTWALL_LOUVER B201005 EXTERIOR LOUVERS & SCREENS General	$2,050
B20 EXTERIOR ENCLOSURE	B203001 SOLID DOORS	77	Repair B2030 EXTERIOR DOORS EXTDR_METAL B203001 SOLID DOORS Steel	$17,000
B30 ROOFING	B301005 GUTTERS & DOWNSPOUTS	77	Repair B3010 ROOF COVERINGS DOWNSPOUTS B301005 GUTTERS & DOWNSPOUTS Downspouts	$2,450
B30 ROOFING	B301001 STEEP SLOPE ROOF SYSTEMS	83	Repair B3010 ROOF COVERINGS ROOFCVR_METAL B301001 STEEP SLOPE ROOF SYSTEMS Formed Metal - Metal Standing Seam	$66,000
B30 ROOFING	B301006 ROOF OPENINGS AND SUPPORTS	85	Repair B3010 ROOF COVERINGS ROOF HATCH B301006 ROOF OPENINGS AND SUPPORTS Hatches	$610
C10 INTERIOR CONSTRUCTION	C103010 CASEWORK	77	Repair C1030 SPECIALTIES CASEWORK C103010 CASEWORK General	$2,150
C10 INTERIOR CONSTRUCTION	C101003 RETRACTABLE PARTITIONS	77	Repair C1010 PARTITIONS INTWALL_RETRACTABLE C101003 RETRACTABLE PARTITIONS General	$8,000
C30 INTERIOR FINISHES	C302005 CARPETING	28	Replace C3020 FLOOR FINISHES FLRFNSH_CPT C302005 CARPETING General	$85,000
D20 PLUMBING	D202003 DOMESTIC WATER EQUIPMENT	0	Replace D2020 DOMESTIC WATER DISTRIBUTION DWH WH-100_FL1 MECH RM116 D202003 DOMESTIC WATER EQUIPMENT Water Heaters, Commercial, Gas - 200 MBH input, 192 GPH	$41,500
D20 PLUMBING	D202003 DOMESTIC WATER EQUIPMENT	59	Replace D2020 DOMESTIC WATER DISTRIBUTION DWH_FL1 MECH RM116 D202003 DOMESTIC WATER EQUIPMENT Water Heaters, Commercial, Gas - 500 MBH input, 480 GPH	$71,000
D20 PLUMBING	D202003 DOMESTIC WATER EQUIPMENT	66	Replace D2020 DOMESTIC WATER DISTRIBUTION DWTMT_FL1 MECH RM116 D202003 DOMESTIC WATER EQUIPMENT Water Softener	$3,700
D20 PLUMBING	D201004 SINKS	77	Repair D2010 PLUMBING FIXTURES MOP SINK_FL1 D201004 SINKS Mop Sink	$3,900
D20 PLUMBING	D201090 OTHER PLUMBING FIXTURES	77	Repair D2010 PLUMBING FIXTURES EEW COMBO D201090 OTHER PLUMBING FIXTURES Combo (Eye Wash and Shower)	$790
D20 PLUMBING	D203003 FLOOR DRAINS	77	Repair D2030 SANITARY WASTE TRENCH DRAINS D203003 FLOOR DRAINS Trench Drain	$1,250

D20 PLUMBING	D202003 DOMESTIC WATER EQUIPMENT	77	Repair D2020 DOMESTIC WATER DISTRIBUTION DW BOOSTER PUMP D202003 DOMESTIC WATER EQUIPMENT Booster Pump - <1 HP	$1,750
D30 HVAC	D304007 EXHAUST SYSTEMS	0	Replace D3040 DISTRIBUTION SYSTEMS EF-145_ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 1500 CFM	$32,500
D30 HVAC	D304007 EXHAUST SYSTEMS	0	Replace D3040 DISTRIBUTION SYSTEMS EF VER 145A_ROOF D304007 EXHAUST SYSTEMS Garage Exhaust Systems - Single exhaust, 3" outlet, 1 bay	$25,000
D30 HVAC	D304007 EXHAUST SYSTEMS	0	Replace D3040 DISTRIBUTION SYSTEMS EF VER 145B_ROOF D304007 EXHAUST SYSTEMS Garage Exhaust Systems - Single exhaust, 3" outlet, 1 bay	$25,000
D30 HVAC	D304007 EXHAUST SYSTEMS	3	Replace D3040 DISTRIBUTION SYSTEMS EF-126A_UPPER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 1500 CFM	$32,500
D30 HVAC	D304007 EXHAUST SYSTEMS	3	Replace D3040 DISTRIBUTION SYSTEMS EF-126B_UPPER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 1500 CFM	$32,500
D30 HVAC	D304007 EXHAUST SYSTEMS	3	Replace D3040 DISTRIBUTION SYSTEMS EF-KH2_LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 3500 CFM	$79,000
D30 HVAC	D306002 ELECTRONIC CONTROLS	4	Replace D3060 CONTROLS & INSTRUMENTATION DDC_BLDG WIDE D306002 ELECTRONIC CONTROLS General	$8,600
D30 HVAC	D305003 FAN COIL UNITS	54	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 RM110 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 2 ton	$3,700
D30 HVAC	D304008 AIR HANDLING UNITS	66	Replace D3040 DISTRIBUTION SYSTEMS AHU-3_FL1 MECH RM116 D304008 AIR HANDLING UNITS Central Station - 5000 CFM, VAV	$113,000
D30 HVAC	D304008 AIR HANDLING UNITS	66	Replace D3040 DISTRIBUTION SYSTEMS AHU-2_FL1 MECH RM116 D304008 AIR HANDLING UNITS Central Station - 10000 CFM, VAV	$185,000
D30 HVAC	D305003 FAN COIL UNITS	66	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 RM101 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 2 ton	$3,700
D30 HVAC	D304008 AIR HANDLING UNITS	66	Replace D3040 DISTRIBUTION SYSTEMS AHU-1_FL1 MECH RM116 D304008 AIR HANDLING UNITS Central Station - 10000 CFM, VAV	$185,000
D30 HVAC	D305003 FAN COIL UNITS	66	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 RM118 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 2 ton	$3,700
D30 HVAC	D305003 FAN COIL UNITS	66	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 RM149 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 2 ton	$3,700
D30 HVAC	D305001 UNIT VENTILATORS	77	Repair D3050 TERMINAL & PACKAGE UNITS EF_UPPER ROOF D305001 UNIT VENTILATORS Fan System, Utility Set - 7500 CFM	$27,000

D30 HVAC	D305001 UNIT VENTILATORS	77	Repair D3050 TERMINAL & PACKAGE UNITS EF-131_FL1 RM131 D305001 UNIT VENTILATORS Fan System, Centrifugal In-Line - 2500 CFM	$18,000
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	77	Repair D3040 DISTRIBUTION SYSTEMS PUMP B-2_FL1 MECH RM116 D304003 HOT WATER DISTRIBUTION SYSTEMS Circulating Pump - 1 HP	$1,950
D30 HVAC	D304007 EXHAUST SYSTEMS	77	Repair D3040 DISTRIBUTION SYSTEMS EF-129_ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$3,500
D30 HVAC	D305001 UNIT VENTILATORS	77	Repair D3050 TERMINAL & PACKAGE UNITS EF-1_UPPER ROOF D305001 UNIT VENTILATORS Fan System, Centrifugal In-Line - 1500 CFM	$6,900
D30 HVAC	D304007 EXHAUST SYSTEMS	77	Repair D3040 DISTRIBUTION SYSTEMS EF-130_ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$3,500
D30 HVAC	D304007 EXHAUST SYSTEMS	77	Repair D3040 DISTRIBUTION SYSTEMS EF-146_ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$3,500
D30 HVAC	D305001 UNIT VENTILATORS	77	Repair D3050 TERMINAL & PACKAGE UNITS EF-2_UPPER ROOF D305001 UNIT VENTILATORS Fan System, Centrifugal In-Line - 1500 CFM	$6,900
D30 HVAC	D305001 UNIT VENTILATORS	77	Repair D3050 TERMINAL & PACKAGE UNITS EF-136_FL1 RM135 D305001 UNIT VENTILATORS Fan System, Centrifugal In-Line - 1500 CFM	$6,900
D30 HVAC	D305001 UNIT VENTILATORS	77	Repair D3050 TERMINAL & PACKAGE UNITS AIR CURTAIN_FL1 RM118 D305001 UNIT VENTILATORS Air Curtain	$690
D30 HVAC	D304007 EXHAUST SYSTEMS	77	Repair D3040 DISTRIBUTION SYSTEMS MAU-121_LOWER EAST ROOF D304007 EXHAUST SYSTEMS Kitchen Exhaust/Make-Up Air - 3000 CFM	$27,500
D30 HVAC	D304006 CHILLED WATER DISTRIBUTION SYSTEMS	77	Repair D3040 DISTRIBUTION SYSTEMS PUMP CWP-2_FL1 MECH RM116 D304006 CHILLED WATER DISTRIBUTION SYSTEMS Circulating Pump - 1 HP	$1,950
D30 HVAC	D304007 EXHAUST SYSTEMS	77	Repair D3040 DISTRIBUTION SYSTEMS MAU-118_LOWER EAST ROOF D304007 EXHAUST SYSTEMS Kitchen Exhaust/Make-Up Air - 5000 CFM	$32,000
D30 HVAC	D305006 PACKAGE UNITS	77	Repair D3050 TERMINAL & PACKAGE UNITS CRAC CU-114_EAST EXTERIOR D305006 PACKAGE UNITS A/C Unit, Computer Room - Air Cooled, 3 ton	$17,500
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	77	Repair D3040 DISTRIBUTION SYSTEMS PUMP HWP-1_FL1 MECH RM116 D304003 HOT WATER DISTRIBUTION SYSTEMS Circulating Pump, End Suction - 2-1/2" size, 3 HP, to 150 GPM	$8,600
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	77	Repair D3040 DISTRIBUTION SYSTEMS PUMP HWP-2_FL1 MECH RM116 D304003 HOT WATER DISTRIBUTION SYSTEMS Circulating Pump, End Suction - 2-1/2" size, 3 HP, to 150 GPM	$8,600
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	77	Repair D3040 DISTRIBUTION SYSTEMS PUMP B-1_FL1 MECH RM116 D304003 HOT WATER DISTRIBUTION SYSTEMS Circulating Pump - 1 HP	$1,950

D30 HVAC	D304006 CHILLED WATER DISTRIBUTION SYSTEMS	77	Repair D3040 DISTRIBUTION SYSTEMS PUMP CWP-1_FL1 MECH RM116 D304006 CHILLED WATER DISTRIBUTION SYSTEMS Circulating Pump - 1 HP	$1,950
D30 HVAC	D304007 EXHAUST SYSTEMS	77	Repair D3040 DISTRIBUTION SYSTEMS EF-147_ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$3,500
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	80	Repair D3020 HEAT GENERATING SYSTEMS UH RH-145B_RM145 D302003 FUEL-FIRED UNIT HEATERS Gas - 160 MBH	$1,850
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	80	Repair D3020 HEAT GENERATING SYSTEMS UH RH-145A_RM145 D302003 FUEL-FIRED UNIT HEATERS Gas - 160 MBH	$1,850
D30 HVAC	D305002 UNIT HEATERS	82	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM143 D305002 UNIT HEATERS Hydronic - 20 MBH	$1,400
D30 HVAC	D305002 UNIT HEATERS	82	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM144 D305002 UNIT HEATERS Hydronic - 20 MBH	$1,400
D30 HVAC	D305002 UNIT HEATERS	82	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 ELEC RM117 D305002 UNIT HEATERS Hydronic - 20 MBH	$1,400
D30 HVAC	D305001 UNIT VENTILATORS	82	Repair D3050 TERMINAL & PACKAGE UNITS MAU_RM145 ROOF D305001 UNIT VENTILATORS Make-Up Air Unit - 6000 CFM, 502 MBH, includes standard controls	$5,300
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	82	Repair D3020 HEAT GENERATING SYSTEMS UH RH-126E_RM126 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$1,550
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	82	Repair D3020 HEAT GENERATING SYSTEMS UH RH-126D_RM126 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$1,550
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	82	Repair D3020 HEAT GENERATING SYSTEMS UH RH-126C_RM126 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$1,550
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	82	Repair D3020 HEAT GENERATING SYSTEMS UH RH-126B_RM126 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$1,550
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	82	Repair D3020 HEAT GENERATING SYSTEMS UH RH-126A_RM126 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$1,550
D30 HVAC	D305004 FIN TUBE RADIATION	82	Repair D3050 TERMINAL & PACKAGE UNITS FTR_BLDG WIDE D305004 FIN TUBE RADIATION Baseboard Heating - 3/4" Copper Tube	$500
D30 HVAC	D302001 BOILERS	82	Repair D3020 HEAT GENERATING SYSTEMS BLR B-1_FL1 MECH RM116 D302001 BOILERS Gas, Hot Water - 500-650 MBH	$13,000
D30 HVAC	D302004 AUXILIARY EQUIPMENT	82	Repair D3020 HEAT GENERATING SYSTEMS ET-H1_FL1 MECH RM116 D302004 AUXILIARY EQUIPMENT Expansion Tank - 40 gal	$500

D30 HVAC	D302001 BOILERS	82	Repair D3020 HEAT GENERATING SYSTEMS BLR B-2_FL1 MECH RM116 D302001 BOILERS Gas, Hot Water - 500-650 MBH	$13,000
D30 HVAC	D302004 AUXILIARY EQUIPMENT	83	Repair D3020 HEAT GENERATING SYSTEMS AS-C1_FL1 MECH RM116 D302004 AUXILIARY EQUIPMENT Air Separator - Air control, air separator, 3" diameter, includes strainer	$960
D30 HVAC	D302004 AUXILIARY EQUIPMENT	83	Repair D3020 HEAT GENERATING SYSTEMS AS-H1_FL1 MECH RM116 D302004 AUXILIARY EQUIPMENT Air Separator - Air control, air separator, 3" diameter, includes strainer	$960
D30 HVAC	D304001 AIR DISTRIBUTION, HEATING & COOLING	83	Repair D3040 DISTRIBUTION SYSTEMS DUCTWORK D304001 AIR DISTRIBUTION, HEATING & COOLING Ductwork	$105,000
D30 HVAC	D304001 AIR DISTRIBUTION, HEATING & COOLING	84	Repair D3040 DISTRIBUTION SYSTEMS VAV_BLDG WIDE D304001 AIR DISTRIBUTION, HEATING & COOLING VAV Terminal - 400 CFM, Hot Water Reheat	$20,000
D30 HVAC	D304007 EXHAUST SYSTEMS	88	Repair D3040 DISTRIBUTION SYSTEMS EF-116_UPPER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$1,750
D30 HVAC	D304007 EXHAUST SYSTEMS	88	Repair D3040 DISTRIBUTION SYSTEMS EF-KH1_LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 2750 CFM	$4,350
D30 HVAC	D303001 CHILLED WATER SYSTEMS	88	Repair D3030 COOLING GENERATING SYSTEMS CH ACC-1_EAST EXTERIOR D303001 CHILLED WATER SYSTEMS Chiller, Scroll - 25 TN	$940
D30 HVAC	D304007 EXHAUST SYSTEMS	88	Repair D3040 DISTRIBUTION SYSTEMS EF CH1-CH2_LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$1,750
D30 HVAC	D304007 EXHAUST SYSTEMS	88	Repair D3040 DISTRIBUTION SYSTEMS EF-117_LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$1,750
D40 FIRE PROTECTION	D401002 FIRE ALARM DEVICES	77	Repair D4010 FIRE ALARM AND DETECTION SYSTEMS FIRE ALARM DEVICES D401002 FIRE ALARM DEVICES General	$11,000
D40 FIRE PROTECTION	D409004 HOOD & DUCT FIRE PROTECTION	77	Repair D4090 OTHER FIRE PROTECTION SYSTEMS ANSUL_FL1 D409004 HOOD & DUCT FIRE PROTECTION Dry Chemical (includes agent containers, distribution piping and controls)	$2,450
D40 FIRE PROTECTION	D403001 STANDPIPE EQUIPMENT & PIPING	88	Repair D4030 STANDPIPE SYSTEMS RISER_FL1 D403001 STANDPIPE EQUIPMENT & PIPING Riser - 4" diam	$2,100
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	78	Repair D5020 LIGHTING & BRANCH WIRING LED_EXTERIOR D502002 LIGHTING EQUIPMENT Exterior LED Lighting	$4,150

E10 EQUIPMENT	E103004 AUTOMOTIVE SHOP EQUIPMENT	77	Repair E1030 VEHICULAR EQUIPMENT AIR COMP_FL1 RM145 E103004 AUTOMOTIVE SHOP EQUIPMENT Compressor, Electric, 1-1/2 HP, standard controls	$1,400
E10 EQUIPMENT	E103002 LOADING DOCK EQUIPMENT	77	Repair E1030 VEHICULAR EQUIPMENT DOCK LIFT_EXTERIOR E103002 LOADING DOCK EQUIPMENT Loading Dock Equipment - Dock Lift, platform type, 6' x 6', portable, 3000 lb	$4,550

Fort William Henry Harrison Training Site

VEHICLE STORAGE BLDG (DES)

System	Component	CSCI	Deficinecy Description	Est. Cost
B20 EXTERIOR ENCLOSURE	B203001 SOLID DOORS	78	Repair B2030 EXTERIOR DOORS EXTDR_METAL B203001 SOLID DOORS Steel	$1,650
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	38	Replace D5020 LIGHTING & BRANCH WIRING LED_EXTERIOR D502002 LIGHTING EQUIPMENT Exterior LED Lighting	$12,000

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ARNG ARMORY (ANNEX)

System	Component	CSCI	Deficinecy Description	Est. Cost
B20 EXTERIOR ENCLOSURE	B201007 EXTERIOR SOFFITS	34	Replace B2010 EXTERIOR WALLS EXT_SOFFIT B201007 EXTERIOR SOFFITS General	$12,000
B30 ROOFING	B301005 GUTTERS & DOWNSPOUTS	38	Replace B3010 ROOF COVERINGS DOWNSPOUTS B301005 GUTTERS & DOWNSPOUTS Downspouts	$1,250
B30 ROOFING	B301005 GUTTERS & DOWNSPOUTS	38	Replace B3010 ROOF COVERINGS GUTTERS B301005 GUTTERS & DOWNSPOUTS Gutters	$1,900
B30 ROOFING	B301001 STEEP SLOPE ROOF SYSTEMS	72	Replace B3010 ROOF COVERINGS ROOFCVR_SHINGLES B301001 STEEP SLOPE ROOF SYSTEMS Asphalt Shingles	$24,000
C30 INTERIOR FINISHES	C302005 CARPETING	27	Replace C3020 FLOOR FINISHES FLRFNSH_CPT_FL1 C302005 CARPETING Carpet Tile	$1,950
C30 INTERIOR FINISHES	C302004 RESILIENT FLOOR FINISHES	33	Replace C3020 FLOOR FINISHES FLRFNSH_VCT_FLB C302004 RESILIENT FLOOR FINISHES Vinyl Tile	$22,000
C30 INTERIOR FINISHES	C302004 RESILIENT FLOOR FINISHES	73	Replace C3020 FLOOR FINISHES FLRFNSH_VCT_FL1 C302004 RESILIENT FLOOR FINISHES Vinyl Tile	$24,500
D20 PLUMBING	D201004 SINKS	38	Replace D2010 PLUMBING FIXTURES MOP SINK_FLB D201004 SINKS Mop Sink	$9,100
D20 PLUMBING	D202003 DOMESTIC WATER EQUIPMENT	72	Replace D2020 DOMESTIC WATER DISTRIBUTION DWH_FLB JANITORIAL RM D202003 DOMESTIC WATER EQUIPMENT Water Heaters, Residential, Electric	$7,700
D20 PLUMBING	D201003 LAVATORIES	72	Replace D2010 PLUMBING FIXTURES LAV_FL1 D201003 LAVATORIES General	$12,000
D30 HVAC	D303002 DIRECT EXPANSION SYSTEMS	67	Replace D3030 COOLING GENERATING SYSTEMS DX CU-2_WEST EXTERIOR D303002 DIRECT EXPANSION SYSTEMS Condenser, DX, Air Cooled - Direct Drive, 5 ton	$17,000
D30 HVAC	D303002 DIRECT EXPANSION SYSTEMS	67	Replace D3030 COOLING GENERATING SYSTEMS DX CU-1_WEST EXTERIOR D303002 DIRECT EXPANSION SYSTEMS Condenser, DX, Air Cooled - Direct Drive, 5 ton	$17,000
D40 FIRE PROTECTION	D401001 FIRE ALARM DISTRIBUTION	3	Replace D4010 FIRE ALARM AND DETECTION SYSTEMS FACP_FLB JANITORIAL RM D401001 FIRE ALARM DISTRIBUTION Fire Alarm Control Panel	$610

D40 FIRE PROTECTION	D401002 FIRE ALARM DEVICES	38	Replace D4010 FIRE ALARM AND DETECTION SYSTEMS FIRE ALARM DEVICES D401002 FIRE ALARM DEVICES General	$12,500
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	38	Replace D5020 LIGHTING & BRANCH WIRING 3LT8_FLB D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 3 Lamp T8	$21,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	38	Replace D5020 LIGHTING & BRANCH WIRING 3LT8_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 3 Lamp T8	$690

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System	Component	CSCI	Deficinecy Description	Est. Cost
B20 EXTERIOR ENCLOSURE	B201007 EXTERIOR SOFFITS	38	Replace B2010 EXTERIOR WALLS EXT_SOFFIT B201007 EXTERIOR SOFFITS General	$26,500
B30 ROOFING	B301005 GUTTERS & DOWNSPOUTS	82	Repair B3010 ROOF COVERINGS GUTTERS B301005 GUTTERS & DOWNSPOUTS Gutters	$2,950
B30 ROOFING	B301005 GUTTERS & DOWNSPOUTS	82	Repair B3010 ROOF COVERINGS DOWNSPOUTS B301005 GUTTERS & DOWNSPOUTS Downspouts	$890
B30 ROOFING	B301001 STEEP SLOPE ROOF SYSTEMS	84	Repair B3010 ROOF COVERINGS ROOFCVR_SHINGLES B301001 STEEP SLOPE ROOF SYSTEMS Asphalt Shingles	$22,500
B30 ROOFING	B301001 STEEP SLOPE ROOF SYSTEMS	85	Repair B3010 ROOF COVERINGS ROOFCVR_MTL B301001 STEEP SLOPE ROOF SYSTEMS Formed Metal - Metal Standing Seam	$1,100
C10 INTERIOR CONSTRUCTION	C101005 INTERIOR WINDOWS	36	Replace C1010 PARTITIONS INTWIND_FL1 C101005 INTERIOR WINDOWS General	$20,000
C10 INTERIOR CONSTRUCTION	C102005 INTERIOR OVERHEAD DOORS	36	Replace C1020 INTERIOR DOORS INTDR_OH_MTL_FL1 C102005 INTERIOR OVERHEAD DOORS Steel Rolling, Electric, 20'x12'	$14,500
C10 INTERIOR CONSTRUCTION	C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS	36	Replace C1030 SPECIALTIES INT PART_URN SCRN_FL1 C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS Urinal Screen	$2,250
C30 INTERIOR FINISHES	C302005 CARPETING	30	Replace C3020 FLOOR FINISHES FLRFNSH_CPT_FL1 C302005 CARPETING General	$75,000
D20 PLUMBING	D201004 SINKS	36	Replace D2010 PLUMBING FIXTURES MOP SINK_FL1 D201004 SINKS Mop Sink	$18,500
D20 PLUMBING	D203003 FLOOR DRAINS	36	Replace D2030 SANITARY WASTE FLOOR DRAINS D203003 FLOOR DRAINS General	$79,000
D30 HVAC	D305003 FAN COIL UNITS	31	Replace D3050 TERMINAL & PACKAGE UNITS FCU CH-1_FL1 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 1 ton	$9,000

D30 HVAC	D304007 EXHAUST SYSTEMS	36	Replace D3040 DISTRIBUTION SYSTEMS EF_FL1 MECH RM D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 1500 CFM	$32,500
D30 HVAC	D304006 CHILLED WATER DISTRIBUTION SYSTEMS	36	Replace D3040 DISTRIBUTION SYSTEMS CWP 1_FL2 RM200 D304006 CHILLED WATER DISTRIBUTION SYSTEMS Circulating Pump, End Suction - 3" size, 5 HP, to 225 GPM	$60,000
D30 HVAC	D304008 AIR HANDLING UNITS	36	Replace D3040 DISTRIBUTION SYSTEMS AHU 1_FL2 RM200 D304008 AIR HANDLING UNITS Central Station - 15000 CFM	$226,000
D30 HVAC	D304008 AIR HANDLING UNITS	36	Replace D3040 DISTRIBUTION SYSTEMS AHU 2_FL2 RM200 D304008 AIR HANDLING UNITS Central Station - 15000 CFM	$226,000
D30 HVAC	D304008 AIR HANDLING UNITS	36	Replace D3040 DISTRIBUTION SYSTEMS AHU 3_FL2 RM200 D304008 AIR HANDLING UNITS Central Station - 15000 CFM	$226,000
D30 HVAC	D305002 UNIT HEATERS	36	Replace D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM140 D305002 UNIT HEATERS Infrared - 60 MBH	$9,400
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	40	Replace D3040 DISTRIBUTION SYSTEMS HHW PIPING D304003 HOT WATER DISTRIBUTION SYSTEMS General	$312,000
D30 HVAC	D303001 CHILLED WATER SYSTEMS	81	Repair D3030 COOLING GENERATING SYSTEMS CH ACC-1_EXTERIOR D303001 CHILLED WATER SYSTEMS Chiller, Scroll - 25 TN	$2,000
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	81	Repair D3040 DISTRIBUTION SYSTEMS HWP 2_FL2 RM200 D304003 HOT WATER DISTRIBUTION SYSTEMS Circulating Pump, End Suction - 2-1/2" size, 3 HP, to 150 GPM	$6,000
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	81	Repair D3040 DISTRIBUTION SYSTEMS HWP 1_FL2 RM200 D304003 HOT WATER DISTRIBUTION SYSTEMS Circulating Pump, End Suction - 2-1/2" size, 3 HP, to 150 GPM	$6,000
D30 HVAC	D302004 AUXILIARY EQUIPMENT	82	Repair D3020 HEAT GENERATING SYSTEMS FWT_FL2 RM200 D302004 AUXILIARY EQUIPMENT Chemical Feedwater - 175 PSIG, 12 gallon	$2,150
D30 HVAC	D305001 UNIT VENTILATORS	85	Repair D3050 TERMINAL & PACKAGE UNITS MAU 1_FL1 RM143 D305001 UNIT VENTILATORS Make-Up Air Unit - 10,000 CFM, 838 MBH, includes standard controls	$8,100
D30 HVAC	D305004 FIN TUBE RADIATION	85	Repair D3050 TERMINAL & PACKAGE UNITS FTR_FL1 D305004 FIN TUBE RADIATION Baseboard Heating - 3/4" Copper Tube	$8,700
D30 HVAC	D302001 BOILERS	85	Repair D3020 HEAT GENERATING SYSTEMS BLR B-2_FL1 MECH RM D302001 BOILERS Gas, Hot Water - 650-900 MBH	$11,500
D30 HVAC	D302001 BOILERS	85	Repair D3020 HEAT GENERATING SYSTEMS BLR B-1_FL1 MECH RM D302001 BOILERS Gas, Hot Water - 650-900 MBH	$11,500

D30 HVAC	D302001 BOILERS	85	Repair D3020 HEAT GENERATING SYSTEMS BLR B-3_FL2 RM200 D302001 BOILERS Gas, Hot Water - 650-900 MBH	$11,500
D40 FIRE PROTECTION	D401002 FIRE ALARM DEVICES	81	Repair D4010 FIRE ALARM AND DETECTION SYSTEMS FIRE ALARM DEVICES D401002 FIRE ALARM DEVICES General	$13,500
D40 FIRE PROTECTION	D403001 STANDPIPE EQUIPMENT & PIPING	81	Repair D4030 STANDPIPE SYSTEMS RISER_FL1 RM124 D403001 STANDPIPE EQUIPMENT & PIPING Riser - 4" diam	$4,400
D40 FIRE PROTECTION	D402001 FIRE PROTECTION WATER PIPING AND EQUIPMENT	85	Repair D4020 FIRE SUPP WATER SUPPLY / EQUIP BFP_FL2 RM201 D402001 FIRE PROTECTION WATER PIPING AND EQUIPMENT Backflow Preventer - 1-1/2"	$500
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	36	Replace D5020 LIGHTING & BRANCH WIRING 2LT12_FL2 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 2 Lamp T12	$9,700
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	36	Replace D5020 LIGHTING & BRANCH WIRING 2LT8_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 2 Lamp T8	$20,500
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	36	Replace D5020 LIGHTING & BRANCH WIRING 3LT8_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 3 Lamp T8	$104,000

Helena - Womack Readiness Center

READINESS CENTER (WOMACK)

System	Component	CSCI	Deficinecy Description	Est. Cost
B20 EXTERIOR ENCLOSURE	B203004 OVERHEAD AND ROLL-UP DOORS	76	Repair B2030 EXTERIOR DOORS EXTDR_OH_MTL B203004 OVERHEAD AND ROLL-UP DOORS Steel Sectional, Electric, 20'x14'	$3,750
B30 ROOFING	B301002 LOW SLOPE ROOF SYSTEMS	76	Repair B3010 ROOF COVERINGS ROOFCVR_MEMBRANE B301002 LOW SLOPE ROOF SYSTEMS Single Ply Membrane	$28,000
C10 INTERIOR CONSTRUCTION	C101001 FIXED PARTITIONS	1	Replace C1010 PARTITIONS INTWALL_SECURITY CAGE_FL1 C101001 FIXED PARTITIONS Security Cage / Wire Mesh	$83,000
C10 INTERIOR CONSTRUCTION	C103010 CASEWORK	76	Repair C1030 SPECIALTIES CASEWORK_FL1 C103010 CASEWORK General	$3,650
C10 INTERIOR CONSTRUCTION	C101005 INTERIOR WINDOWS	76	Repair C1010 PARTITIONS INTWIND_FL1 C101005 INTERIOR WINDOWS General	$2,550
C30 INTERIOR FINISHES	C302005 CARPETING	42	Replace C3020 FLOOR FINISHES FLRFNSH_CPT_FL2 C302005 CARPETING General	$48,500
D20 PLUMBING	D202003 DOMESTIC WATER EQUIPMENT	29	Replace D2020 DOMESTIC WATER DISTRIBUTION DWH_BOILER RM D202003 DOMESTIC WATER EQUIPMENT Water Heaters, Commercial, Gas - 155 MBH input, 150 GPH	$39,500
D20 PLUMBING	D203001 WASTE PIPE & FITTINGS	38	Replace D2030 SANITARY WASTE SW PIPING D203001 WASTE PIPE & FITTINGS General	$229,000
D20 PLUMBING	D202001 PIPES & FITTINGS	72	Repair D2020 DOMESTIC WATER DISTRIBUTION DW PIPING D202001 PIPES & FITTINGS General	$57,000
D30 HVAC	D302002 FURNACES	6	Replace D3020 HEAT GENERATING SYSTEMS FRN F7_FL2 MECH RM D302002 FURNACES Gas, 100 MBH	$9,200
D30 HVAC	D302002 FURNACES	6	Replace D3020 HEAT GENERATING SYSTEMS FRN F8_FL2 MECH RM D302002 FURNACES Gas, 100 MBH	$9,200
D30 HVAC	D302002 FURNACES	6	Replace D3020 HEAT GENERATING SYSTEMS FRN F4_BOILER RM D302002 FURNACES Gas, 100 MBH	$9,200
D30 HVAC	D302002 FURNACES	6	Replace D3020 HEAT GENERATING SYSTEMS FRN F3_BOILER RM D302002 FURNACES Gas, 75 MBH	$9,200
D30 HVAC	D302002 FURNACES	6	Replace D3020 HEAT GENERATING SYSTEMS FRN F2_BOILER RM D302002 FURNACES Gas, 100 MBH	$9,200

D30 HVAC	D302002 FURNACES	6	Replace D3020 HEAT GENERATING SYSTEMS FRN F1_BOILER RM D302002 FURNACES Gas, 100 MBH	$9,200
D30 HVAC	D302002 FURNACES	6	Replace D3020 HEAT GENERATING SYSTEMS FRN F9_FL2 MECH RM D302002 FURNACES Gas, 100 MBH	$9,200
D30 HVAC	D304001 AIR DISTRIBUTION, HEATING & COOLING	18	Replace D3040 DISTRIBUTION SYSTEMS DUCTWORK D304001 AIR DISTRIBUTION, HEATING & COOLING Ductwork	$56,000
D30 HVAC	D303002 DIRECT EXPANSION SYSTEMS	55	Replace D3030 COOLING GENERATING SYSTEMS DX 1_EXTERIOR D303002 DIRECT EXPANSION SYSTEMS Condenser, DX, Air Cooled - Direct Drive, 2 ton	$10,500
D30 HVAC	D304007 EXHAUST SYSTEMS	60	Replace D3040 DISTRIBUTION SYSTEMS EF 1_ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 1500 CFM	$32,500
D30 HVAC	D304007 EXHAUST SYSTEMS	60	Replace D3040 DISTRIBUTION SYSTEMS EF 2_ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 1500 CFM	$32,500
D30 HVAC	D304007 EXHAUST SYSTEMS	60	Replace D3040 DISTRIBUTION SYSTEMS EF 3_ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 1500 CFM	$32,500
D30 HVAC	D303002 DIRECT EXPANSION SYSTEMS	62	Replace D3030 COOLING GENERATING SYSTEMS DX 2_EXTERIOR D303002 DIRECT EXPANSION SYSTEMS Condenser, DX, Air Cooled - Direct Drive, 5 ton	$17,000
D30 HVAC	D303002 DIRECT EXPANSION SYSTEMS	62	Replace D3030 COOLING GENERATING SYSTEMS DX 3_EXTERIOR D303002 DIRECT EXPANSION SYSTEMS Condenser, DX, Air Cooled - Direct Drive, 5 ton	$17,000
D30 HVAC	D303002 DIRECT EXPANSION SYSTEMS	62	Replace D3030 COOLING GENERATING SYSTEMS DX 4_EXTERIOR D303002 DIRECT EXPANSION SYSTEMS Condenser, DX, Air Cooled - Direct Drive, 5 ton	$17,000
D50 ELECTRICAL	D503005 SECURITY SYSTEMS	19	Replace D5030 COMMUNICATIONS & SECURITY SEC_BLDG WIDE D503005 SECURITY SYSTEMS General	$1,250
D50 ELECTRICAL	D501004 PANELBOARDS	30	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION PNL MDP_BOILER RM D501004 PANELBOARDS Main lugs, 400 amp	$11,000
D50 ELECTRICAL	D501004 PANELBOARDS	37	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION PNL A_BOILER RM D501004 PANELBOARDS Main lugs, 120/208 V, 225 amp, NQOD	$22,000
D50 ELECTRICAL	D501004 PANELBOARDS	37	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION PNL B_BOILER RM D501004 PANELBOARDS Main lugs, 120/208 V, 225 amp, NQOD	$22,000
D50 ELECTRICAL	D509003 GROUNDING SYSTEMS	38	Replace D5090 OTHER ELECTRICAL SERVICES ELEC GROUDING D509003 GROUNDING SYSTEMS Other	$1,188,000

D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	53	Replace D5020 LIGHTING & BRANCH WIRING INCAN_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, Incandescent	$500
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	53	Replace D5020 LIGHTING & BRANCH WIRING INCAN_EXTERIOR D502002 LIGHTING EQUIPMENT Exterior Lighting - Incandescent, wall mounted, 100 W	$500
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	53	Replace D5020 LIGHTING & BRANCH WIRING HPS_EXTERIOR D502002 LIGHTING EQUIPMENT Exterior Lighting - High pressure sodium, wall pack, 70 W	$840
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	53	Replace D5020 LIGHTING & BRANCH WIRING EXIT LTG_FL2 D502002 LIGHTING EQUIPMENT Exit Lighting	$950
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	53	Replace D5020 LIGHTING & BRANCH WIRING EXIT LTG_FL1 D502002 LIGHTING EQUIPMENT Exit Lighting	$3,800
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	53	Replace D5020 LIGHTING & BRANCH WIRING 6LT8_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 6 Lamp T8, HO	$6,700
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	53	Replace D5020 LIGHTING & BRANCH WIRING 4LT8_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 4 Lamp T8	$13,500
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	53	Replace D5020 LIGHTING & BRANCH WIRING 2LT8_FL2 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 2 Lamp T8	$22,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	53	Replace D5020 LIGHTING & BRANCH WIRING 2LT8_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 2 Lamp T8	$105,000
D50 ELECTRICAL	D501004 PANELBOARDS	53	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION SS SERVICE_EXTERIOR D501004 PANELBOARDS Safety Switch, 400 Amp	$5,100
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	53	Replace D5020 LIGHTING & BRANCH WIRING INCAN_FL2 D502002 LIGHTING EQUIPMENT Interior Lighting, Incandescent	$1,350

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ORGANIZATIONAL STORAGE

System	Component	CSCI	Deficinecy Description	Est. Cost
B20 EXTERIOR ENCLOSURE	B203001 SOLID DOORS	27	Replace B2030 EXTERIOR DOORS EXTDR_METAL B203001 SOLID DOORS Steel	$16,000
B20 EXTERIOR ENCLOSURE	B203004 OVERHEAD AND ROLL-UP DOORS	28	Replace B2030 EXTERIOR DOORS EXT OH DOOR_2 B203004 OVERHEAD AND ROLL-UP DOORS Steel Sectional, Manual, 12'x12'	$7,200
B20 EXTERIOR ENCLOSURE	B202001 WINDOWS	36	Replace B2020 EXTERIOR WINDOWS EXTWIND B202001 WINDOWS General	$21,000
B20 EXTERIOR ENCLOSURE	B203004 OVERHEAD AND ROLL-UP DOORS	76	Repair B2030 EXTERIOR DOORS EXT OH DOOR_1 B203004 OVERHEAD AND ROLL-UP DOORS Steel Sectional, Manual, 20'x14'	$5,400
B30 ROOFING	B301002 LOW SLOPE ROOF SYSTEMS	13	Replace B3010 ROOF COVERINGS ROOFCVR_MEMBRANE B301002 LOW SLOPE ROOF SYSTEMS Single Ply Membrane	$24,500
C10 INTERIOR CONSTRUCTION	C101001 FIXED PARTITIONS	16	Replace C1010 PARTITIONS INTWALL_DRYWALL_FL1 C101001 FIXED PARTITIONS Wall - Drywall w/Stud Framing	$9,000
C10 INTERIOR CONSTRUCTION	C102001 STANDARD INTERIOR DOORS	38	Replace C1020 INTERIOR DOORS INTDR_WOOD/WOOD_FL1 C102001 STANDARD INTERIOR DOORS Wood Door/Wood Frame	$6,000
C10 INTERIOR CONSTRUCTION	C102001 STANDARD INTERIOR DOORS	38	Replace C1020 INTERIOR DOORS INTDR_WOOD/WOOD_FL2 C102001 STANDARD INTERIOR DOORS Wood Door/Wood Frame	$6,000
D20 PLUMBING	D201001 WATERCLOSETS	30	Replace D2010 PLUMBING FIXTURES WC_FL1 D201001 WATERCLOSETS General	$4,250
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	1	Replace D5020 LIGHTING & BRANCH WIRING 2LT8_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 2 Lamp T8	$6,200
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	1	Replace D5020 LIGHTING & BRANCH WIRING 3LT8_FL2 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 3 Lamp T8	$6,900
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	1	Replace D5020 LIGHTING & BRANCH WIRING HPS_EXTERIOR D502002 LIGHTING EQUIPMENT Exterior Lighting - High pressure sodium, wall pack, 150 W	$3,700
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	35	Replace D5020 LIGHTING & BRANCH WIRING 4LT8_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 4 Lamp T8	$2,850
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	35	Replace D5020 LIGHTING & BRANCH WIRING INCAN_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, Incandescent	$880

D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	64	Replace D5020 LIGHTING & BRANCH WIRING EXIT LTG_FL1 D502002 LIGHTING EQUIPMENT Exit Lighting	$950
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	64	Replace D5020 LIGHTING & BRANCH WIRING INCAN_FL2 D502002 LIGHTING EQUIPMENT Interior Lighting, Incandescent	$500

Lewistown Readiness Center

ARNG READINESS CENTER

System	Component	CSCI	Deficinecy Description	Est. Cost
B30 ROOFING	B301002 LOW SLOPE ROOF SYSTEMS	13	Replace B3010 ROOF COVERINGS ROOFCVR_BUILT UP B301002 LOW SLOPE ROOF SYSTEMS Built-Up	$112,000
C30 INTERIOR FINISHES	C302004 RESILIENT FLOOR FINISHES	61	Replace C3020 FLOOR FINISHES FLRFNSH_VCT C302004 RESILIENT FLOOR FINISHES Vinyl Tile	$650
D20 PLUMBING	D202003 DOMESTIC WATER EQUIPMENT	0	Replace D2020 DOMESTIC WATER DISTRIBUTION DWH_FL1 MECH RM104 D202003 DOMESTIC WATER EQUIPMENT Water Heaters, Commercial, Gas - 155 MBH input, 150 GPH	$39,500
D20 PLUMBING	D201002 URINALS	32	Replace D2010 PLUMBING FIXTURES URN_FL1 D201002 URINALS General	$18,500
D20 PLUMBING	D201001 WATERCLOSETS	32	Replace D2010 PLUMBING FIXTURES WC_FL1_1962 D201001 WATERCLOSETS General	$13,000
D20 PLUMBING	D201003 LAVATORIES	32	Replace D2010 PLUMBING FIXTURES LAV_FL1_1962 D201003 LAVATORIES General	$29,500
D30 HVAC	D304007 EXHAUST SYSTEMS	29	Replace D3040 DISTRIBUTION SYSTEMS EF 1_FL1 D304007 EXHAUST SYSTEMS Fan System, Residential Exhaust	$810
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	80	Repair D3020 HEAT GENERATING SYSTEMS UH 1_FL1 RM116 D302003 FUEL-FIRED UNIT HEATERS Gas - 160 MBH	$2,000
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	80	Repair D3020 HEAT GENERATING SYSTEMS UH 2_FL1 RM116 D302003 FUEL-FIRED UNIT HEATERS Gas - 160 MBH	$2,000
D30 HVAC	D302002 FURNACES	81	Repair D3020 HEAT GENERATING SYSTEMS FRN 1_FL1 MECH RM104 D302002 FURNACES Gas, 60 MBH	$1,700
D30 HVAC	D302002 FURNACES	81	Repair D3020 HEAT GENERATING SYSTEMS FRN 2_FL1 MECH RM104 D302002 FURNACES Gas, 60 MBH	$1,700
D30 HVAC	D302002 FURNACES	81	Repair D3020 HEAT GENERATING SYSTEMS FRN 3_FL1 MECH RM104 D302002 FURNACES Gas, 60 MBH	$1,700
D30 HVAC	D303002 DIRECT EXPANSION SYSTEMS	81	Repair D3030 COOLING GENERATING SYSTEMS DX_NORTH EXTERIOR D303002 DIRECT EXPANSION SYSTEMS Condenser, DX, Air Cooled - Direct Drive, 5 ton	$3,350
D50 ELECTRICAL	D509003 GROUNDING SYSTEMS	23	Replace D5090 OTHER ELECTRICAL SERVICES ELEC GROUDING D509003 GROUNDING SYSTEMS Other	$556,000

D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	28	Replace D5020 LIGHTING & BRANCH WIRING INCAN_BLDG WIDE D502002 LIGHTING EQUIPMENT Interior Lighting, Incandescent	$1,800
D50 ELECTRICAL	D501004 PANELBOARDS	29	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION PNL A_FL1 MECH RM104 D501004 PANELBOARDS Main Circuit Breaker, 120/240 V, 200 amp	$5,500
D50 ELECTRICAL	D501004 PANELBOARDS	34	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION PNL B_FL1 RM116 D501004 PANELBOARDS Main lugs, 120/240 V, 100 amp, NQOD	$8,400
D50 ELECTRICAL	D502001 BRANCH WIRING	40	Replace D5020 LIGHTING & BRANCH WIRING ELEC WIRING D502001 BRANCH WIRING General	$158,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	67	Replace D5020 LIGHTING & BRANCH WIRING LED_EXTERIOR D502002 LIGHTING EQUIPMENT Exterior LED Lighting	$5,700
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	76	Repair D5020 LIGHTING & BRANCH WIRING 2LT8_BLDG WIDE D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 2 Lamp T8	$7,400
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	78	Repair D5020 LIGHTING & BRANCH WIRING 6LT8_BLDG WIDE D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 6 Lamp T8, HO	$910
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	78	Repair D5020 LIGHTING & BRANCH WIRING 4LT8_BLDG WIDE D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 4 Lamp T8	$5,500

ORGANIZATIONAL STORAGE

System	Component	CSCI	Deficinecy Description	Est. Cost
B20 EXTERIOR ENCLOSURE	B201001 EXTERIOR CLOSURE	35	Replace B2010 EXTERIOR WALLS EXTWALL_WOOD B201001 EXTERIOR CLOSURE Wood Cladding w/Stud Backup	$78,000
B20 EXTERIOR ENCLOSURE	B203001 SOLID DOORS	78	Repair B2030 EXTERIOR DOORS EXTDR_METAL B203001 SOLID DOORS Aluminum	$2,150
B30 ROOFING	B301002 LOW SLOPE ROOF SYSTEMS	31	Replace B3010 ROOF COVERINGS ROOFCVR_MODBIT B301002 LOW SLOPE ROOF SYSTEMS Modified Bitumen	$2,200

Libby Readiness Center

LIBBY ARNG ARMORY

System	Component	CSCI	Deficinecy Description	Est. Cost
B20 EXTERIOR ENCLOSURE	B203001 SOLID DOORS	38	Replace B2030 EXTERIOR DOORS EXTDR_METAL B203001 SOLID DOORS Steel	$48,000
B20 EXTERIOR ENCLOSURE	B203004 OVERHEAD AND ROLL-UP DOORS	69	Replace B2030 EXTERIOR DOORS EXT OH DOOR_1 B203004 OVERHEAD AND ROLL-UP DOORS Steel Sectional, Electric, 20'x14'	$16,500
B30 ROOFING	B301002 LOW SLOPE ROOF SYSTEMS	45	Replace B3010 ROOF COVERINGS ROOFCVR_MEMBRANE B301002 LOW SLOPE ROOF SYSTEMS Single Ply Membrane	$128,000
C10 INTERIOR CONSTRUCTION	C101001 FIXED PARTITIONS	33	Replace C1010 PARTITIONS INTWALL_CONC C101001 FIXED PARTITIONS Other	$11,000
C10 INTERIOR CONSTRUCTION	C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS	38	Replace C1030 SPECIALTIES INT PART_WC STALL C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS Toilet Partitions	$11,000
C10 INTERIOR CONSTRUCTION	C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS	38	Replace C1030 SPECIALTIES INT PART_URN SCRN C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS Urinal Screen	$2,250
C10 INTERIOR CONSTRUCTION	C102006 INTERIOR GATES	69	Replace C1020 INTERIOR DOORS INTDR_GATE C102006 INTERIOR GATES General	$6,000
C10 INTERIOR CONSTRUCTION	C101005 INTERIOR WINDOWS	69	Replace C1010 PARTITIONS INTWIND_GRILLE C101005 INTERIOR WINDOWS Metal Rollup / Coiling Grille	$5,100
C10 INTERIOR CONSTRUCTION	C101003 RETRACTABLE PARTITIONS	69	Replace C1010 PARTITIONS INTWALL_RETRACTABLE C101003 RETRACTABLE PARTITIONS General	$41,000
C10 INTERIOR CONSTRUCTION	C101001 FIXED PARTITIONS	69	Replace C1010 PARTITIONS INTWALL_SECURITY CAGE C101001 FIXED PARTITIONS Security Cage / Wire Mesh	$45,000
C10 INTERIOR CONSTRUCTION	C103010 CASEWORK	69	Replace C1030 SPECIALTIES CASEWORK C103010 CASEWORK General	$5,000
C30 INTERIOR FINISHES	C302004 RESILIENT FLOOR FINISHES	5	Replace C3020 FLOOR FINISHES FLRFNSH_VCT C302004 RESILIENT FLOOR FINISHES Vinyl Tile	$8,200
C30 INTERIOR FINISHES	C302005 CARPETING	68	Replace C3020 FLOOR FINISHES FLRFNSH_CPT C302005 CARPETING Carpet Tile	$18,500
D20 PLUMBING	D204002 ROOF DRAINS	29	Replace D2040 RAIN WATER DRAINAGE ROOF DRAINS D204002 ROOF DRAINS General	$202,000

D20 PLUMBING	D203003 FLOOR DRAINS	38	Replace D2030 SANITARY WASTE TRENCH DRAINS D203003 FLOOR DRAINS Trench Drain	$9,400
D20 PLUMBING	D201004 SINKS	38	Replace D2010 PLUMBING FIXTURES MOP SINK_FL1 D201004 SINKS Mop Sink	$9,100
D20 PLUMBING	D202003 DOMESTIC WATER EQUIPMENT	76	Replace D2020 DOMESTIC WATER DISTRIBUTION DWH_FL1 MECH RM113 D202003 DOMESTIC WATER EQUIPMENT Water Heaters, Commercial, Gas - 200 MBH input, 192 GPH	$41,500
D20 PLUMBING	D202003 DOMESTIC WATER EQUIPMENT	76	Replace D2020 DOMESTIC WATER DISTRIBUTION DWH_FL1 MECH RM 121 D202003 DOMESTIC WATER EQUIPMENT Water Heaters, Commercial, Gas - 200 MBH input, 192 GPH	$41,500
D30 HVAC	D304007 EXHAUST SYSTEMS	0	Replace D3040 DISTRIBUTION SYSTEMS EF 3_ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 1500 CFM	$32,500
D30 HVAC	D304007 EXHAUST SYSTEMS	2	Replace D3040 DISTRIBUTION SYSTEMS EF 4_ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 1500 CFM	$32,500
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	11	Replace D3040 DISTRIBUTION SYSTEMS HHW PIPING D304003 HOT WATER DISTRIBUTION SYSTEMS General	$195,000
D30 HVAC	D302002 FURNACES	43	Replace D3020 HEAT GENERATING SYSTEMS FRN 1_FL1 MECH RM121 D302002 FURNACES Gas, 60 MBH	$8,500
D30 HVAC	D303002 DIRECT EXPANSION SYSTEMS	44	Replace D3030 COOLING GENERATING SYSTEMS DX_EXTERIOR D303002 DIRECT EXPANSION SYSTEMS Condenser, DX, Air Cooled - Direct Drive, 5 ton	$17,000
D30 HVAC	D304007 EXHAUST SYSTEMS	68	Replace D3040 DISTRIBUTION SYSTEMS EXH_FL1 RM120 D304007 EXHAUST SYSTEMS Garage Exhaust Systems - Single exhaust, 3" outlet, 1 bay	$25,000
D30 HVAC	D304007 EXHAUST SYSTEMS	69	Replace D3040 DISTRIBUTION SYSTEMS EF 2_ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 1500 CFM	$32,500
D30 HVAC	D304007 EXHAUST SYSTEMS	69	Replace D3040 DISTRIBUTION SYSTEMS EF 1_ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 1500 CFM	$32,500
D30 HVAC	D305001 UNIT VENTILATORS	73	Repair D3050 TERMINAL & PACKAGE UNITS MAU 2_ROOF D305001 UNIT VENTILATORS Make-Up Air Unit - 2000 CFM, 168 MBH, includes standard controls	$4,300
D30 HVAC	D304008 AIR HANDLING UNITS	76	Repair D3040 DISTRIBUTION SYSTEMS AHU_FL1 MECH RM111 D304008 AIR HANDLING UNITS Central Station - 2000 CFM	$18,500

D30 HVAC	D304008 AIR HANDLING UNITS	76	Repair D3040 DISTRIBUTION SYSTEMS AHU_FL1 MECH RM113 D304008 AIR HANDLING UNITS Central Station - 2000 CFM	$18,500
D30 HVAC	D305003 FAN COIL UNITS	76	Repair D3050 TERMINAL & PACKAGE UNITS FCU_FL1 RM100A D305003 FAN COIL UNITS Cab Mount, Four Pipe - 2 ton	$4,000
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 2_FL1 RM120 D302003 FUEL-FIRED UNIT HEATERS Gas - 100 MBH	$1,400
D30 HVAC	D305001 UNIT VENTILATORS	82	Repair D3050 TERMINAL & PACKAGE UNITS MAU 1_ROOF D305001 UNIT VENTILATORS Make-Up Air Unit - 2000 CFM, 168 MBH, includes standard controls	$2,100
D30 HVAC	D302004 AUXILIARY EQUIPMENT	82	Repair D3020 HEAT GENERATING SYSTEMS ET HW_FL1 MECH RM113 D302004 AUXILIARY EQUIPMENT Expansion Tank - 60 gal	$560
D30 HVAC	D305002 UNIT HEATERS	82	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM101 D305002 UNIT HEATERS Hydronic - 20 MBH	$1,300
D30 HVAC	D305002 UNIT HEATERS	82	Repair D3050 TERMINAL & PACKAGE UNITS UH 2_FL1 RM111 D305002 UNIT HEATERS Hydronic - 20 MBH	$1,300
D30 HVAC	D305002 UNIT HEATERS	82	Repair D3050 TERMINAL & PACKAGE UNITS UH 1_FL1 RM111 D305002 UNIT HEATERS Hydronic - 20 MBH	$1,300
D40 FIRE PROTECTION	D401001 FIRE ALARM DISTRIBUTION	11	Replace D4010 FIRE ALARM AND DETECTION SYSTEMS FIRE ALARM WIRING D401001 FIRE ALARM DISTRIBUTION General	$25,587,000
D40 FIRE PROTECTION	D401002 FIRE ALARM DEVICES	38	Replace D4010 FIRE ALARM AND DETECTION SYSTEMS FIRE ALARM DEVICES D401002 FIRE ALARM DEVICES General	$7,300
D40 FIRE PROTECTION	D401001 FIRE ALARM DISTRIBUTION	38	Replace D4010 FIRE ALARM AND DETECTION SYSTEMS FACP_FL1 ENTRANCE D401001 FIRE ALARM DISTRIBUTION Fire Alarm Control Panel	$610
D50 ELECTRICAL	D503005 SECURITY SYSTEMS	11	Replace D5030 COMMUNICATIONS & SECURITY SEC_VAULT D503005 SECURITY SYSTEMS General	$1,250
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	38	Replace D5020 LIGHTING & BRANCH WIRING 3LT8_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 3 Lamp T8	$18,000
D50 ELECTRICAL	D509002 EMERGENCY LIGHTING & POWER	38	Replace D5090 OTHER ELECTRICAL SERVICES ELTG_FL1 D509002 EMERGENCY LIGHTING & POWER Emergency Lighting - Bugeye	$7,600
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	38	Replace D5020 LIGHTING & BRANCH WIRING EXIT LTG_FL1 D502002 LIGHTING EQUIPMENT Exit Lighting	$2,400
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	38	Replace D5020 LIGHTING & BRANCH WIRING 1LT8_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 1 Lamp T8	$8,900

D50 ELECTRICAL	D501004 PANELBOARDS	69	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION PNL_FL1 UNIT STORAGE 111 D501004 PANELBOARDS Main lugs, 125 amp	$3,950
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	69	Replace D5020 LIGHTING & BRANCH WIRING 6LT8_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 6 Lamp T8, HO	$15,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	69	Replace D5020 LIGHTING & BRANCH WIRING 2LT8_FL1 D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 2 Lamp T8	$16,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	80	Repair D5020 LIGHTING & BRANCH WIRING LED_EXTERIOR D502002 LIGHTING EQUIPMENT Exterior LED Lighting	$12,000

Livingston Readiness Center

ARNG READINESS CENTER

System	Component	CSCI	Deficinecy Description	Est. Cost
B20 EXTERIOR ENCLOSURE	B203001 SOLID DOORS	3	Replace B2030 EXTERIOR DOORS EXTDR_METAL B203001 SOLID DOORS Steel	$48,000
B20 EXTERIOR ENCLOSURE	B203004 OVERHEAD AND ROLL-UP DOORS	3	Replace B2030 EXTERIOR DOORS EXTDR_OH_MTL B203004 OVERHEAD AND ROLL-UP DOORS Steel Sectional, Electric, 12'x12'	$10,500
B30 ROOFING	B301005 GUTTERS & DOWNSPOUTS	3	Replace B3010 ROOF COVERINGS DOWNSPOUTS B301005 GUTTERS & DOWNSPOUTS Downspouts	$3,500
B30 ROOFING	B301002 LOW SLOPE ROOF SYSTEMS	78	Replace B3010 ROOF COVERINGS ROOFCVR_TPO_UPPER B301002 LOW SLOPE ROOF SYSTEMS Single Ply Membrane	$36,500
B30 ROOFING	B301002 LOW SLOPE ROOF SYSTEMS	78	Replace B3010 ROOF COVERINGS ROOFCVR_TPO_LOWER B301002 LOW SLOPE ROOF SYSTEMS Single Ply Membrane	$69,000
C10 INTERIOR CONSTRUCTION	C101001 FIXED PARTITIONS	3	Replace C1010 PARTITIONS INTWALL_SECURITY CAGE C101001 FIXED PARTITIONS Security Cage / Wire Mesh	$128,000
C10 INTERIOR CONSTRUCTION	C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS	36	Replace C1030 SPECIALTIES INT PART_WC STALL C103001 COMPARTMENTS, CUBICLES & TOILET PARTITIONS Toilet Partitions	$8,600
C30 INTERIOR FINISHES	C302005 CARPETING	23	Replace C3020 FLOOR FINISHES FLRFNSH_CPT C302005 CARPETING General	$13,500
C30 INTERIOR FINISHES	C302004 RESILIENT FLOOR FINISHES	34	Replace C3020 FLOOR FINISHES FLRFNSH_VCT C302004 RESILIENT FLOOR FINISHES Vinyl Tile	$22,500
D20 PLUMBING	D201004 SINKS	3	Replace D2010 PLUMBING FIXTURES MOP SINK_FL1 D201004 SINKS Mop Sink	$9,100
D20 PLUMBING	D202003 DOMESTIC WATER EQUIPMENT	3	Replace D2020 DOMESTIC WATER DISTRIBUTION DW BOOSTER PUMP D202003 DOMESTIC WATER EQUIPMENT Booster Pump - <1 HP	$8,200
D20 PLUMBING	D202003 DOMESTIC WATER EQUIPMENT	24	Replace D2020 DOMESTIC WATER DISTRIBUTION DWH_FL1 RM109 D202003 DOMESTIC WATER EQUIPMENT Water Heaters, Commercial, Gas - 390 MBH input, 374 GPH	$56,000
D20 PLUMBING	D201004 SINKS	27	Replace D2010 PLUMBING FIXTURES GROUP WASH_FL1 D201004 SINKS Group Wash Fountain	$25,000
D20 PLUMBING	D201002 URINALS	64	Replace D2010 PLUMBING FIXTURES URN_FL1 D201002 URINALS General	$9,100

D20 PLUMBING	D201004 SINKS	64	Replace D2010 PLUMBING FIXTURES STAINLESS SINK_FL1 D201004 SINKS Stainless	$81,000
D20 PLUMBING	D201003 LAVATORIES	64	Replace D2010 PLUMBING FIXTURES LAV_FL1 D201003 LAVATORIES General	$17,500
D20 PLUMBING	D202002 VALVES & HYDRANTS	64	Replace D2020 DOMESTIC WATER DISTRIBUTION BFP_FL1 D202002 VALVES & HYDRANTS Backflow Preventer - 1" pipe	$4,600
D20 PLUMBING	D201001 WATERCLOSETS	64	Replace D2010 PLUMBING FIXTURES WC_FL1 D201001 WATERCLOSETS General	$17,000
D20 PLUMBING	D203003 FLOOR DRAINS	64	Replace D2030 SANITARY WASTE FLOOR DRAINS D203003 FLOOR DRAINS General	$63,000
D20 PLUMBING	D201005 SHOWERS/TUBS	64	Replace D2010 PLUMBING FIXTURES SHOWERS_FL1 D201005 SHOWERS/TUBS Shower	$54,000
D20 PLUMBING	D203001 WASTE PIPE & FITTINGS	75	Repair D2030 SANITARY WASTE SW PIPING D203001 WASTE PIPE & FITTINGS General	$34,500
D30 HVAC	D304007 EXHAUST SYSTEMS	3	Replace D3040 DISTRIBUTION SYSTEMS EXH MAU_LOWER ROOF D304007 EXHAUST SYSTEMS Kitchen Exhaust/Make-Up Air - 2000 CFM	$89,000
D30 HVAC	D304007 EXHAUST SYSTEMS	3	Replace D3040 DISTRIBUTION SYSTEMS EF 2_LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D304007 EXHAUST SYSTEMS	3	Replace D3040 DISTRIBUTION SYSTEMS EF 1_LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$24,000
D30 HVAC	D302004 AUXILIARY EQUIPMENT	3	Replace D3020 HEAT GENERATING SYSTEMS FWT_FL1 MECH RM109 D302004 AUXILIARY EQUIPMENT Chemical Feedwater - 125 PSIG, 1.7 gallon	$12,500
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	4	Replace D3040 DISTRIBUTION SYSTEMS HHW PIPING D304003 HOT WATER DISTRIBUTION SYSTEMS General	$155,000
D30 HVAC	D305003 FAN COIL UNITS	33	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 CORRIDOR 101 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 2 ton	$3,700
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	33	Replace D3040 DISTRIBUTION SYSTEMS HWP 2_FL1 MECH RM109 D304003 HOT WATER DISTRIBUTION SYSTEMS Circulating Pump - 1 1/2 HP	$11,000
D30 HVAC	D305003 FAN COIL UNITS	33	Replace D3050 TERMINAL & PACKAGE UNITS FCU_FL1 CORRIDOR 107 D305003 FAN COIL UNITS Cab Mount, Two Pipe - 2 ton	$3,700
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	33	Replace D3040 DISTRIBUTION SYSTEMS HWP 1_FL1 MECH RM109 D304003 HOT WATER DISTRIBUTION SYSTEMS Circulating Pump - 1 1/2 HP	$11,000

D30 HVAC	D302001 BOILERS	55	Replace D3020 HEAT GENERATING SYSTEMS BLR B-1_FL1 MECH RM109 D302001 BOILERS Gas, Hot Water - 250-400 MBH	$48,000
D30 HVAC	D302001 BOILERS	55	Replace D3020 HEAT GENERATING SYSTEMS BLR B-2_FL1 MECH RM109 D302001 BOILERS Gas, Hot Water - 250-400 MBH	$48,000
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	64	Replace D3020 HEAT GENERATING SYSTEMS UH 5_FL1 RM117 D302003 FUEL-FIRED UNIT HEATERS Gas - 100 MBH	$11,000
D30 HVAC	D305006 PACKAGE UNITS	78	Repair D3050 TERMINAL & PACKAGE UNITS ACU_LOWER ROOF D305006 PACKAGE UNITS A/C Unit, Split Systems w/ Air Cooled Condenser - 2 TN	$2,350
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	80	Repair D3020 HEAT GENERATING SYSTEMS UH_FL1 RM110 D302003 FUEL-FIRED UNIT HEATERS Gas - 100 MBH	$1,700
D30 HVAC	D302004 AUXILIARY EQUIPMENT	81	Repair D3020 HEAT GENERATING SYSTEMS AS_FL1 MECH RM116 D302004 AUXILIARY EQUIPMENT Air Separator - Air control, air separator, 2-1/2" diameter, includes strainer	$910
D30 HVAC	D304001 AIR DISTRIBUTION, HEATING & COOLING	83	Repair D3040 DISTRIBUTION SYSTEMS DUCTWORK D304001 AIR DISTRIBUTION, HEATING & COOLING Ductwork	$67,000
D40 FIRE PROTECTION	D401001 FIRE ALARM DISTRIBUTION	3	Replace D4010 FIRE ALARM AND DETECTION SYSTEMS FACP_FL1 RM101 D401001 FIRE ALARM DISTRIBUTION Fire Alarm Control Panel	$610
D40 FIRE PROTECTION	D409004 HOOD & DUCT FIRE PROTECTION	3	Replace D4090 OTHER FIRE PROTECTION SYSTEMS ANSUL_FL1 D409004 HOOD & DUCT FIRE PROTECTION Dry Chemical (includes agent containers, distribution piping and controls)	$12,500
D40 FIRE PROTECTION	D401001 FIRE ALARM DISTRIBUTION	4	Replace D4010 FIRE ALARM AND DETECTION SYSTEMS FIRE ALARM WIRING D401001 FIRE ALARM DISTRIBUTION General	$21,058,000
D40 FIRE PROTECTION	D401002 FIRE ALARM DEVICES	24	Replace D4010 FIRE ALARM AND DETECTION SYSTEMS FIRE ALARM DEVICES D401002 FIRE ALARM DEVICES General	$13,500
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	3	Replace D5020 LIGHTING & BRANCH WIRING EXP LTG INCAN_BLDG WIDE D502002 LIGHTING EQUIPMENT Explosion Proof Lighting - Incandescent, ceiling mounted, 200 W	$1,050
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	3	Replace D5020 LIGHTING & BRANCH WIRING INCAN_EXTERIOR D502002 LIGHTING EQUIPMENT Exterior Lighting - Incandescent, wall mounted, 100 W	$900
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	3	Replace D5020 LIGHTING & BRANCH WIRING HPS_EXTERIOR D502002 LIGHTING EQUIPMENT Exterior Lighting - High pressure sodium, wall pack, 70 W	$3,350

D50 ELECTRICAL	D503005 SECURITY SYSTEMS	4	Replace D5030 COMMUNICATIONS & SECURITY SEC_BLDG WIDE D503005 SECURITY SYSTEMS General	$1,250
D50 ELECTRICAL	D503005 SECURITY SYSTEMS	4	Replace D5030 COMMUNICATIONS & SECURITY SEC_VAULT D503005 SECURITY SYSTEMS General	$1,250
D50 ELECTRICAL	D501004 PANELBOARDS	24	Replace D5010 ELECTRICAL SERVICE & DISTRIBUTION PNL MDP_FL1 RM116 D501004 PANELBOARDS Main lugs, 600 amp	$34,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	24	Replace D5020 LIGHTING & BRANCH WIRING 4LT8_BLDG WIDE D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 4 Lamp T8	$21,000
D50 ELECTRICAL	D509002 EMERGENCY LIGHTING & POWER	24	Replace D5090 OTHER ELECTRICAL SERVICES ELTG_BLDG WIDE D509002 EMERGENCY LIGHTING & POWER Emergency Lighting - Bugeye	$2,200
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	24	Replace D5020 LIGHTING & BRANCH WIRING 2LT8_BLDG WIDE D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 2 Lamp T8	$43,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	24	Replace D5020 LIGHTING & BRANCH WIRING 6LT8_BLDG WIDE D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 6 Lamp T8, HO	$8,100
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	24	Replace D5020 LIGHTING & BRANCH WIRING EXIT LTG_FL1 D502002 LIGHTING EQUIPMENT Exit Lighting	$1,900
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	24	Replace D5020 LIGHTING & BRANCH WIRING 3LT8_BLDG WIDE D502002 LIGHTING EQUIPMENT Interior Lighting, FL - 3 Lamp T8	$26,500
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	24	Replace D5020 LIGHTING & BRANCH WIRING INCAN_BLDG WIDE D502002 LIGHTING EQUIPMENT Interior Lighting, Incandescent	$500
D50 ELECTRICAL	D509003 GROUNDING SYSTEMS	75	Repair D5090 OTHER ELECTRICAL SERVICES ELEC GROUDING D509003 GROUNDING SYSTEMS Other	$178,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	78	Repair D5020 LIGHTING & BRANCH WIRING LED_EXTERIOR D502002 LIGHTING EQUIPMENT Exterior LED Lighting	$1,400

Miles City Land

ARNG READINESS CENTER

System	Component	CSCI	Deficinecy Description	Est. Cost
B20 EXTERIOR ENCLOSURE	B203001 SOLID DOORS	78	Repair B2030 EXTERIOR DOORS EXTDR_METAL B203001 SOLID DOORS Steel	$16,500
B30 ROOFING	B301002 LOW SLOPE ROOF SYSTEMS	88	Repair B3010 ROOF COVERINGS ROOFCVR_MEMBRANE B301002 LOW SLOPE ROOF SYSTEMS Single Ply Membrane	$5,400
C10 INTERIOR CONSTRUCTION	C101001 FIXED PARTITIONS	78	Repair C1010 PARTITIONS INTWALL_SECURITY CAGE C101001 FIXED PARTITIONS Security Cage / Wire Mesh	$9,400
C30 INTERIOR FINISHES	C302005 CARPETING	39	Replace C3020 FLOOR FINISHES FLRFNSH_CPT C302005 CARPETING General	$75,000
D30 HVAC	D306001 HVAC CONTROLS	77	Repair D3060 CONTROLS & INSTRUMENTATION VFD HWP-2_FL1 MECH RM137 D306001 HVAC CONTROLS VFD, 15 HP	$3,100
D30 HVAC	D306001 HVAC CONTROLS	77	Repair D3060 CONTROLS & INSTRUMENTATION VFD AHU-1 RF_FL2 MECH RM201 D306001 HVAC CONTROLS VFD, 7.5 HP	$2,150
D30 HVAC	D306001 HVAC CONTROLS	77	Repair D3060 CONTROLS & INSTRUMENTATION VFD HWP-1_FL1 MECH RM137 D306001 HVAC CONTROLS VFD, 15 HP	$3,100
D30 HVAC	D306001 HVAC CONTROLS	77	Repair D3060 CONTROLS & INSTRUMENTATION VFD AHU-1 SF_FL2 MECH RM201 D306001 HVAC CONTROLS VFD, 15 HP	$3,100
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS HWP BP-4_FL1 MECH RM137 D304003 HOT WATER DISTRIBUTION SYSTEMS Circulating Pump - 1 HP	$2,100
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS HWP BP-3_FL1 MECH RM137 D304003 HOT WATER DISTRIBUTION SYSTEMS Circulating Pump - 1 HP	$2,100
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS HWP BP-2_FL1 MECH RM137 D304003 HOT WATER DISTRIBUTION SYSTEMS Circulating Pump - 1 HP	$2,100
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS HWP BP-1_FL1 MECH RM137 D304003 HOT WATER DISTRIBUTION SYSTEMS Circulating Pump - 1 HP	$2,100
D30 HVAC	D303001 CHILLED WATER SYSTEMS	78	Repair D3030 COOLING GENERATING SYSTEMS CH_EAST EXTERIOR D303001 CHILLED WATER SYSTEMS Chiller, Scroll - 50 TN	$6,900
D30 HVAC	D304006 CHILLED WATER DISTRIBUTION SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS CWP 1_FL2 MECH RM201 D304006 CHILLED WATER DISTRIBUTION SYSTEMS Circulating Pump, End Suction - 4" size, 10 HP	$2,500

D30 HVAC	D302001 BOILERS	81	Repair D3020 HEAT GENERATING SYSTEMS BLR B-2_FL1 MECH RM137 D302001 BOILERS Gas, Hot Water - 900-1200 MBH	$22,000
D30 HVAC	D305002 UNIT HEATERS	81	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM131 D305002 UNIT HEATERS Hydronic - 60 MBH	$2,350
D30 HVAC	D302001 BOILERS	81	Repair D3020 HEAT GENERATING SYSTEMS BLR B-1_FL1 MECH RM137 D302001 BOILERS Gas, Hot Water - 900-1200 MBH	$22,000
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 4_FL1 RM114 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$2,000
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 5_FL1 RM114 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$2,000
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 6_FL1 RM114 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$2,000
D30 HVAC	D302004 AUXILIARY EQUIPMENT	81	Repair D3020 HEAT GENERATING SYSTEMS AS 1_FL1 MECH RM137 D302004 AUXILIARY EQUIPMENT Air Separator - Air control, air separator, 6" diameter, includes strainer	$3,100
D30 HVAC	D302004 AUXILIARY EQUIPMENT	81	Repair D3020 HEAT GENERATING SYSTEMS AS 2_FL2 MECH RM201 D302004 AUXILIARY EQUIPMENT Air Separator - Air control, air separator, 2-1/2" diameter, includes strainer	$910
D30 HVAC	D305001 UNIT VENTILATORS	81	Repair D3050 TERMINAL & PACKAGE UNITS MAU 1_NORTH ROOF D305001 UNIT VENTILATORS Make-Up Air Unit - 8000 CFM, 670 MBH, includes standard controls	$13,500
D30 HVAC	D305002 UNIT HEATERS	81	Repair D3050 TERMINAL & PACKAGE UNITS UH 1_FL1 RM133 D305002 UNIT HEATERS Hydronic - 60 MBH	$2,350
D30 HVAC	D305002 UNIT HEATERS	81	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 MECH RM137 D305002 UNIT HEATERS Hydronic - 20 MBH	$1,850
D30 HVAC	D305002 UNIT HEATERS	81	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM123 D305002 UNIT HEATERS Hydronic - 20 MBH	$1,850
D30 HVAC	D305002 UNIT HEATERS	81	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM129 D305002 UNIT HEATERS Hydronic - 60 MBH	$2,350
D30 HVAC	D305002 UNIT HEATERS	81	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM133A D305002 UNIT HEATERS Hydronic - 20 MBH	$1,850
D30 HVAC	D305002 UNIT HEATERS	81	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL2 MECH RM201 D305002 UNIT HEATERS Hydronic - 60 MBH	$2,350

D30 HVAC	D305002 UNIT HEATERS	81	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM127 D305002 UNIT HEATERS Hydronic - 60 MBH	$2,350
D30 HVAC	D304007 EXHAUST SYSTEMS	88	Repair D3040 DISTRIBUTION SYSTEMS EF 4_NORTH ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$1,200
D30 HVAC	D304007 EXHAUST SYSTEMS	88	Repair D3040 DISTRIBUTION SYSTEMS EF 5_NORTH ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$1,200
D30 HVAC	D304007 EXHAUST SYSTEMS	88	Repair D3040 DISTRIBUTION SYSTEMS EF 8_NORTH ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$1,200
D30 HVAC	D304007 EXHAUST SYSTEMS	88	Repair D3040 DISTRIBUTION SYSTEMS EF 2_NORTH ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$1,200
D30 HVAC	D304007 EXHAUST SYSTEMS	88	Repair D3040 DISTRIBUTION SYSTEMS EF 3_NORTH ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$1,200
D40 FIRE PROTECTION	D403001 STANDPIPE EQUIPMENT & PIPING	78	Repair D4030 STANDPIPE SYSTEMS RISER PRE ACTION_FL1 D403001 STANDPIPE EQUIPMENT & PIPING Riser - 2-1/2" diam	$3,850
D40 FIRE PROTECTION	D409004 HOOD & DUCT FIRE PROTECTION	78	Repair D4090 OTHER FIRE PROTECTION SYSTEMS ANSUL_FL1 D409004 HOOD & DUCT FIRE PROTECTION Dry Chemical (includes agent containers, distribution piping and controls)	$2,650
D40 FIRE PROTECTION	D409004 HOOD & DUCT FIRE PROTECTION	78	Repair D4090 OTHER FIRE PROTECTION SYSTEMS ANSUL_FL1 RM133 D409004 HOOD & DUCT FIRE PROTECTION Wet Chemical (includes agent containers, distribution piping and controls)	$5,400
D40 FIRE PROTECTION	D402001 FIRE PROTECTION WATER PIPING AND EQUIPMENT	78	Repair D4020 FIRE SUPP WATER SUPPLY / EQUIP AIR COMP_FL1 MECH RM137 D402001 FIRE PROTECTION WATER PIPING AND EQUIPMENT Air Compressor	$1,200
D40 FIRE PROTECTION	D401002 FIRE ALARM DEVICES	88	Repair D4010 FIRE ALARM AND DETECTION SYSTEMS FIRE ALARM DEVICES_RM 118 D401002 FIRE ALARM DEVICES General	$500
D40 FIRE PROTECTION	D401002 FIRE ALARM DEVICES	88	Repair D4010 FIRE ALARM AND DETECTION SYSTEMS FIRE ALARM DEVICES D401002 FIRE ALARM DEVICES General	$7,300

FLAM MAT STR

System	Component	CSCI	Deficinecy Description	Est. Cost
D30 HVAC	D305005 ELECTRIC HEATING	79	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM145 D305005 ELECTRIC HEATING 208-240 volt, 10 kW	$640
D40 FIRE PROTECTION	D409003 CLEAN AGENT SYSTEMS	78	Repair D4090 OTHER FIRE PROTECTION SYSTEMS CLEAN AGENT FP_FL1 RM145 D409003 CLEAN AGENT SYSTEMS FM 200, HFC-227ea, CF3CHFCF3 (includes agent containers, distribution piping)	$2,550

HAZ MAT STR

System	Component	CSCI	Deficinecy Description	Est. Cost
D30 HVAC	D305005 ELECTRIC HEATING	79	Repair D3050 TERMINAL & PACKAGE UNITS UH_FL1 RM147 D305005 ELECTRIC HEATING 208-240 volt, 15 kW	$980
D40 FIRE PROTECTION	D409003 CLEAN AGENT SYSTEMS	78	Repair D4090 OTHER FIRE PROTECTION SYSTEMS CLEAN AGENT FP_FL1 RM147 D409003 CLEAN AGENT SYSTEMS HALON 1301, CBR2F2 (includes agent containers, distribution piping)	$6,600

ORG STR BLDG

System	Component	CSCI	Deficinecy Description	Est. Cost
B30 ROOFING	B301002 LOW SLOPE ROOF SYSTEMS	88	Repair B3010 ROOF COVERINGS ROOF B301002 LOW SLOPE ROOF SYSTEMS Built-Up	$3,100
C30 INTERIOR FINISHES	C301005 WALL COVERINGS	64	Replace C3010 WALL FINISHES WLFNSH_WOOD C301005 WALL COVERINGS Wood	$131,000

VEH MAINT

System	Component	CSCI	Deficinecy Description	Est. Cost
B30 ROOFING	B301002 LOW SLOPE ROOF SYSTEMS	88	Repair B3010 ROOF COVERINGS ROOFCVR_MEMBRANE_LOWER B301002 LOW SLOPE ROOF SYSTEMS Single Ply Membrane	$530
B30 ROOFING	B301002 LOW SLOPE ROOF SYSTEMS	88	Repair B3010 ROOF COVERINGS ROOFCVR_MEMBRANE_UPPER B301002 LOW SLOPE ROOF SYSTEMS Single Ply Membrane	$1,400
D30 HVAC	D304007 EXHAUST SYSTEMS	64	Replace D3040 DISTRIBUTION SYSTEMS EF 9_UPPER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 3500 CFM	$79,000
D30 HVAC	D302004 AUXILIARY EQUIPMENT	81	Repair D3020 HEAT GENERATING SYSTEMS ET 3_FL1 RM150 D302004 AUXILIARY EQUIPMENT Expansion Tank - 40 gal	$600
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 2_FL1 RM142 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$2,000
D30 HVAC	D302003 FUEL-FIRED UNIT HEATERS	81	Repair D3020 HEAT GENERATING SYSTEMS UH 1_FL1 RM142 D302003 FUEL-FIRED UNIT HEATERS Gas - 60 MBH	$2,000
D30 HVAC	D305006 PACKAGE UNITS	88	Repair D3050 TERMINAL & PACKAGE UNITS ACU_SOUTH ROOF D305006 PACKAGE UNITS A/C Unit, Split Systems w/ Air Cooled Condenser - 2 TN	$940
E10 EQUIPMENT	E103004 AUTOMOTIVE SHOP EQUIPMENT	78	Repair E1030 VEHICULAR EQUIPMENT AIR COMP_FL1 RM142 E103004 AUTOMOTIVE SHOP EQUIPMENT Compressor, Electric, 5 HP, dual controls	$1,950

Missoula AFRC

ARNG VEH/USAR AMSA MAINT SHOP

System	Component	CSCI	Deficinecy Description	Est. Cost
D20 PLUMBING	D202003 DOMESTIC WATER EQUIPMENT	63	Replace D2020 DOMESTIC WATER DISTRIBUTION DWH HWH-1B_FL1 RM109 D202003 DOMESTIC WATER EQUIPMENT Water Heaters, Commercial, Gas - 155 MBH input, 150 GPH	$39,500
D30 HVAC	D304007 EXHAUST SYSTEMS	46	Replace D3040 DISTRIBUTION SYSTEMS EF 3B_MIDDLE ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 1500 CFM	$32,500
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF 5B_MIDDLE ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$3,000
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF_SOUTH ROOF D304007 EXHAUST SYSTEMS Fan System, Utility Set - 5000 CFM	$14,500
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF 1B_NORTH ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 8500 CFM	$29,000
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF 7B_LOWER ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$3,000
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF 6B_MIDDLE ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$3,000
D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	79	Repair D3040 DISTRIBUTION SYSTEMS HHW PIPING D304003 HOT WATER DISTRIBUTION SYSTEMS General	$22,000
D30 HVAC	D304008 AIR HANDLING UNITS	85	Repair D3040 DISTRIBUTION SYSTEMS AHU 1B_ROOF D304008 AIR HANDLING UNITS Rooftop - 5000 CFM	$15,000
D40 FIRE PROTECTION	D401001 FIRE ALARM DISTRIBUTION	79	Repair D4010 FIRE ALARM AND DETECTION SYSTEMS FIRE ALARM WIRING D401001 FIRE ALARM DISTRIBUTION General	$3,190,000
D50 ELECTRICAL	D502002 LIGHTING EQUIPMENT	63	Replace D5020 LIGHTING & BRANCH WIRING LED_EXTERIOR D502002 LIGHTING EQUIPMENT Exterior LED Lighting	$85,000

ARNG/USAR CTR

System	Component	CSCI	Deficinecy Description	Est. Cost
C30 INTERIOR FINISHES	C301005 WALL COVERINGS	63	Replace C3010 WALL FINISHES WLFNSH_LAM C301005 WALL COVERINGS Laminated Plastic	$60,000
C30 INTERIOR FINISHES	C302005 CARPETING	63	Replace C3020 FLOOR FINISHES FLRFNSH_CPT C302005 CARPETING Carpet Tile	$160,000

C30 INTERIOR FINISHES	C301005 WALL COVERINGS	63	Replace C3010 WALL FINISHES WLFNSH_FRP C301005 WALL COVERINGS Other	$16,500
D20 PLUMBING	D202003 DOMESTIC WATER EQUIPMENT	63	Replace D2020 DOMESTIC WATER DISTRIBUTION DWH HWH-1A_FL1 MECH RM132 D202003 DOMESTIC WATER EQUIPMENT Water Heaters, Commercial, Gas - 155 MBH input, 150 GPH	$39,500
D30 HVAC	D304007 EXHAUST SYSTEMS	46	Replace D3040 DISTRIBUTION SYSTEMS EF 2A_EAST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 3500 CFM	$79,000
D30 HVAC	D304007 EXHAUST SYSTEMS	46	Replace D3040 DISTRIBUTION SYSTEMS EF 1A_EAST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 3500 CFM	$79,000
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF 10A_EAST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$4,350
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF 6A_EAST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$3,000
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF 7A_EAST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$3,000
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF 8A_EAST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$4,350
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF 5A_EAST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$3,000
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF 9A_EAST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$3,000
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF 3A_EAST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 2750 CFM	$11,000
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF 14A_WEST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$3,000
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF 13A_WEST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 800 CFM	$4,350
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF 11A_WEST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$3,000
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF 4A_EAST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$3,000
D30 HVAC	D304007 EXHAUST SYSTEMS	78	Repair D3040 DISTRIBUTION SYSTEMS EF 12A_WEST ROOF D304007 EXHAUST SYSTEMS Fan System, Roof Exhaust - 500 CFM	$3,000

D30 HVAC	D304003 HOT WATER DISTRIBUTION SYSTEMS	79	Repair D3040 DISTRIBUTION SYSTEMS HHW PIPING D304003 HOT WATER DISTRIBUTION SYSTEMS General	$106,000
D30 HVAC	D305003 FAN COIL UNITS	85	Repair D3050 TERMINAL & PACKAGE UNITS FCU CUH-8_FL1 RM100 D305003 FAN COIL UNITS Cab Mount, Four Pipe - 2 ton	$2,050
D30 HVAC	D305003 FAN COIL UNITS	85	Repair D3050 TERMINAL & PACKAGE UNITS FCU CUH-2_FL1 RM199M D305003 FAN COIL UNITS Cab Mount, Four Pipe - 2 ton	$2,050
D30 HVAC	D305003 FAN COIL UNITS	85	Repair D3050 TERMINAL & PACKAGE UNITS FCU CUH-7_FL1 RM127I D305003 FAN COIL UNITS Cab Mount, Four Pipe - 2 ton	$2,050
D30 HVAC	D305003 FAN COIL UNITS	85	Repair D3050 TERMINAL & PACKAGE UNITS FCU CUH-6_FL1 RM199J D305003 FAN COIL UNITS Cab Mount, Four Pipe - 2 ton	$2,050
D30 HVAC	D305003 FAN COIL UNITS	85	Repair D3050 TERMINAL & PACKAGE UNITS FCU CUH-5_FL1 RM119G D305003 FAN COIL UNITS Cab Mount, Four Pipe - 2 ton	$2,050
D30 HVAC	D305003 FAN COIL UNITS	85	Repair D3050 TERMINAL & PACKAGE UNITS FCU CUH-4_FL1 RM199C D305003 FAN COIL UNITS Cab Mount, Four Pipe - 2 ton	$2,050
D30 HVAC	D305003 FAN COIL UNITS	85	Repair D3050 TERMINAL & PACKAGE UNITS FCU CUH-3_FL1 RM199S D305003 FAN COIL UNITS Cab Mount, Four Pipe - 2 ton	$2,050
D30 HVAC	D304008 AIR HANDLING UNITS	85	Repair D3040 DISTRIBUTION SYSTEMS AHU 1A_FL2 MECH RM202 D304008 AIR HANDLING UNITS Central Station - 5000 CFM, VAV	$13,500
D30 HVAC	D305003 FAN COIL UNITS	85	Repair D3050 TERMINAL & PACKAGE UNITS FCU CUH-1_FL1 RM133F D305003 FAN COIL UNITS Cab Mount, Four Pipe - 2 ton	$2,050
D30 HVAC	D304008 AIR HANDLING UNITS	85	Repair D3040 DISTRIBUTION SYSTEMS AHU 6A_FL2 MECH RM201 D304008 AIR HANDLING UNITS Central Station - 5000 CFM, VAV	$13,500
D30 HVAC	D304008 AIR HANDLING UNITS	85	Repair D3040 DISTRIBUTION SYSTEMS AHU 5A_FL2 MECH RM201 D304008 AIR HANDLING UNITS Central Station - 10000 CFM, VAV	$21,500
D30 HVAC	D304008 AIR HANDLING UNITS	85	Repair D3040 DISTRIBUTION SYSTEMS AHU 4A_FL2 MECH RM201 D304008 AIR HANDLING UNITS Central Station - 20000 CFM, VAV	$34,500
D30 HVAC	D304008 AIR HANDLING UNITS	85	Repair D3040 DISTRIBUTION SYSTEMS AHU 3A_FL2 MECH RM202 D304008 AIR HANDLING UNITS Central Station - 20000 CFM, VAV	$34,500
D30 HVAC	D304008 AIR HANDLING UNITS	85	Repair D3040 DISTRIBUTION SYSTEMS AHU 2A_FL2 MECH RM202 D304008 AIR HANDLING UNITS Central Station - 10000 CFM, VAV	$21,500
D30 HVAC	D303001 CHILLED WATER SYSTEMS	87	Repair D3030 COOLING GENERATING SYSTEMS CH 1_EAST EXTERIOR D303001 CHILLED WATER SYSTEMS Chiller, Reciprocating, Air Cooled - 90 TN	$18,500

D40 FIRE PROTECTION	D401001 FIRE ALARM DISTRIBUTION	79	Repair D4010 FIRE ALARM AND DETECTION SYSTEMS FIRE ALARM WIRING D401001 FIRE ALARM DISTRIBUTION General	$16,938,000

STORAGE, ORG

System	Component	CSCI	Deficinecy Description	Est. Cost
B30 ROOFING	B301002 LOW SLOPE ROOF SYSTEMS	79	Repair B3010 ROOF COVERINGS ROOFCVR_MEMBRANE B301002 LOW SLOPE ROOF SYSTEMS Single Ply Membrane	$6,700

Appendix D

STATE-WIDE FACILITY INVENTORY

BOARD OF PUBLIC EDUCATION, SCHOOL FOR THE DEAF & BLIND

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Academic Building (Bitterroot)	3911 Central Ave.	GREAT FALLS	1972	46,478	$9,215,548.23
☑	Boiler House	3911 Central Ave.	GREAT FALLS	1952	3,384	$540,400.35
☑	Classroom Building (Aspen)	3911 Central Ave.	GREAT FALLS	1960	9,072	$1,626,913.60
☑	Food Service Building	3911 Central Ave.	GREAT FALLS	1983	5,603	$883,928.43
☑	PE & Therapy Center (Mustang)	3911 Central Ave.	GREAT FALLS	1984	27,763	$4,565,405.68
☑	Playground	3911 Central Ave.	GREAT FALLS		23,111	$155,044.03
☑	Residential Cottage II (Glacier)	3911 Central Ave.	GREAT FALLS	1983	20,699	$4,008,249.30
☑	Residential Cottages I (Yellowstone)	3911 Central Ave.	GREAT FALLS	1983	20,699	$4,008,249.30
☑	Storage Shed (Located by Boiler Plant) / #77	3911 Central Ave.	GREAT FALLS		96	$5,826.50
☑	Storage Shed (Located by Food Service Building) / Bike Shed	3911 Central Ave	GREAT FALLS		486	$4,011.90
☑	Storage Shed (Located by the Boiler Plant) #78	3911 Central Ave	GREAT FALLS		96	$1,594.23
☑	Storage Shed (Located by the Boiler Plant) #79	3911 Central Ave	GREAT FALLS		128	$5,826.50
☑	Storage Shed (Located on west side of property) / Irrigation Shed	3911 Central Ave	GREAT FALLS		80	$5,826.50
☑	Vocational Shop Building	3911 Central Ave.	GREAT FALLS	1956	7,728	$1,148,953.55
BOARD OF PUBLIC EDUCATION, SCHOOL FOR THE DEAF & BLIND: 14 Buildings			**TOTAL SQ FT:**	**165,423**	**TOTAL CRV:**	**$26,175,778.08**

DEPARTMENT OF ADMINISTRATION

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	1236 6th Ave Sec of State	1236 E 6th	HELENA		-00	$527,822.85
☐	1424 9th for DNRC	1424 9th	HELENA	1968	27,840	$6,341,242.25
☐	Aviation & Support Facility-Office	2800 Airport Rd	HELENA	1960	24,163	$3,139,098.90
☐	Capitol Building	1301 E 6th	HELENA	1889	184,564	$163,762,323.38
☐	Cogswell Building	1401 Lockey	HELENA	1955	96,726	$24,745,861.45
☐	FWP-1420 6TH AVE	1420 E 6th	HELENA	1965	22,580	$5,244,084.35
☐	Generator Building (ITSD)	125 N Roberts	HELENA	2009	1,053	$18,695.33
☐	Grounds Carpenters Shop/Garage	1410 8th	HELENA		1,200	$64,997.73
☐	GSD Facilities - 1209 8TH	1209 8th	HELENA		2,302	$385,000.50
☐	GSD Facilities - 1219 8TH	1219 8th	HELENA		1,221	$204,205.93
☐	GSD Facilities - 1225 8TH	1225 8th	HELENA		1,707	$285,487.75
☐	GSD Facilities - 326 Washington	326 Washington Dr	HELENA		1,725	$288,497.75
☐	GSD Facilities - Airport Road Storage Building	2800 Airport Road	HELENA	1975	1,046	$64,535.48
☐	GSD Facilities - Airport Road Storage Shed	2800 Airport Road	HELENA	1975	144	$7,216.48
☐	GSD Facilities - Aviation & Support Facility-Shop	2800 Airport Rd	HELENA	1960	17,061	$2,216,483.38
☐	GSD Facilities - Board of Health	1301 Lockey	HELENA	1919	7,852	$758,083.55
☐	GSD Facilities - Boiler Plant	120 N Roberts	HELENA	1968	7,946	$1,662,528.35
☐	GSD Facilities - Capitol Annex	118 N Roberts	HELENA		1,460	$244,179.80
☐	GSD Facilities - Comm Political Practices	1205 8th	HELENA		2,004	$335,158.13
☐	GSD Facilities - Commodities Warehouse	1400 Carter Dr	HELENA		-00	$0.00
☐	GSD Facilities - Dianne Bldg.	1218 6th Ave.	HELENA	1954	5,780	$1,082,574.45
☐	GSD Facilities - DPHHS Headquarters Bldg, Sanders Street	111 N Sanders	HELENA	1975	47,464	$11,127,817.35
☐	GSD Facilities - Executive Residence	2 Carson	HELENA	1960	12,259	$1,949,111.53
☐	GSD Facilities - FWP-1400 8TH AVE	1400 E 8th	HELENA		2,004	$335,158.13
☐	GSD Facilities - FWP-1404 8TH AVE	1404 E 8th	HELENA		2,114	$353,554.60
☐	GSD Facilities - Garage-1205 8TH	1205 8th	HELENA		528	$28,599.30
☐	GSD Facilities - Garage-1209 8TH	1209 8th	HELENA		396	$21,448.40
☐	GSD Facilities - Garage-1219 8TH	1219 8TH	HELENA		528	$28,599.30

DEPARTMENT OF ADMINISTRATION

☐	GSD Facilities - Garage-1225 8TH	1225 8th	HELENA		285	$15,439.15
☐	GSD Facilities - Grounds Maintenance shop	425 N. Roberts	HELENA		3,309	$452,621.23
☐	GSD Facilities - Mitchell Building	125 N Roberts	HELENA	1949	130,005	$28,868,542.35
☐	GSD Facilities - Offices - 1410/1412 8TH	1410/1412 8th	HELENA		3,962	$662,626.78
☐	GSD Facilities - Old Livestock Building	1310 Lockey	HELENA	1919	7,713	$1,682,732.98
☐	GSD Facilities - Original Governor's Mansion	304 N Ewing	HELENA	1888	9,371	$3,633,545.15
☐	GSD Facilities - Original Governor's Mansion, Carriage House	304 N Ewing	HELENA	1888	2,884	$307,204.90
☐	GSD Facilities - Parking Garage 5 S LAST CHANCE GULCH	5 S LAST CHANCE GULCH	HELENA		810	$34,008.70
☐	GSD Facilities - Parking Ramp (Old State Fund)	101 East Broadway	HELENA	1983	20,142	$1,048,194.88
☐	GSD Facilities - Sec. of State Records Mgmt Bureau Bldg 1	1320 Bozeman	HELENA	1960	19,800	$2,124,714.93
☐	GSD Facilities - Sec. of State Records Mgmt Bureau Bldg 2	1320 Bozeman	HELENA	1960	9,800	$914,517.55
☐	GSD Facilities - Two-car garage	1218 E 6th	HELENA		528	$28,599.30
☐	GSD Facilities - Veterans & Pioneers Memorial Bldg.	225 N Roberts	HELENA	1952	92,318	$21,003,189.83
☐	GSD PRINT AND MAIL	1698 A STREET	HELENA	1977	23,688	$2,896,387.55
☐	Helena Data Center (SMDC) behind MDT	490 18th Street	HELENA	2010	15,024	$5,671,647.33
☐	Justice Building	215 N Sanders	HELENA	1982	98,850	$26,239,018.18
☐	Labor & Industry (Walt Sullivan)	1315 Lockey	HELENA	1959	51,235	$12,028,355.60
☐	MDT Helena HQ Building	2701 Prospect Avenue	HELENA	1981	-00	$0.00
☐	Metcalf Building	1520 E 6th	HELENA	1982	91,379	$21,676,454.80
☐	Old State Fund (Margaret Condon Building) for Corrections	5 S Last Chance Gulch	HELENA	1983	53,132	$12,248,298.45
☐	OPI 1300 Superintendent of Public Instruction	1300 11th Ave.	HELENA	1970	20,290	$4,649,613.65
☐	OPI Building 1227	1227 11th Avenue	HELENA	1968	15,986	$3,684,782.88
☐	Scott Hart Building	302 N Roberts	HELENA	1936	78,608	$18,084,078.93
☐	Miles City Data Center (SMDC)	114 S Haynes Avenue	MILES CITY	2010	8,645	$2,591,688.48
DEPARTMENT OF ADMINISTRATION: 52 Buildings			**TOTAL SQ FT: 1,231,431**		**TOTAL CRV:**	**$395,768,629.88**

DEPARTMENT OF AGRICULTURE

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Ag Development/Grain Inspection Laboratory	821 17th St N.	GREAT FALLS	1935	7,888	$658,179.50
DEPARTMENT OF AGRICULTURE: 1 detail record			**TOTAL SQ FT:**	**7,888**	**TOTAL CRV:**	**$658,179.50**

DEPARTMENT OF COMMERCE

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	Bozeman Building	2273 Boothill Court	BOZEMAN	2004	15,150	$3,192,341.50
☐	6th Street	1500 E. 6th Ave	HELENA	1969	6,600	$596,972.23
☐	9th Av Building	1712 9th Avenue	HELENA	1971	7,200	$1,742,033.20
☐	Broadwater Cupola	2401 Colonial Drive	HELENA		390	$63,603.45
☐	Colonial Drive Building	2401 Colonial Drive	HELENA	1998	59,214	$15,347,028.95
☐	Park Av Building	100 N. Park	HELENA	1984	72,022	$15,449,667.80
DEPARTMENT OF COMMERCE: 6 Buildings			**TOTAL SQ FT:**	**160,576**	**TOTAL CRV:**	**$36,391,647.13**

DEPARTMENT OF CORRECTIONS, CENTRAL OFFICE & PROBATION AND PAROLE

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Eastmont Cottage 1 Office & Ed	700 E Little St.	GLENDIVE	1969	7,685	$1,060,301.53
☑	Eastmont Cottage 2 - Living Facility	700 E. Little St.	GLENDIVE	1969	7,685	$964,682.43
☑	Eastmont Cottage 3 - Long Term Care Facility	700 E. Little St.	GLENDIVE	1977	17,343	$4,826,785.48
☑	Eastmont Garage/Shop	700 E. Little St.	GLENDIVE	1971	2,400	$129,997.60
☑	Eastmont Greenhouse/Shed	700 E. Little St.	GLENDIVE		640	$7,388.48
☑	Eastmont Multi-Purpose Building & Addition	700 E. Little St.	GLENDIVE	1969	7,788	$1,739,833.75
☑	WATCH Warm Springs	201 Orofino Way N	WARM SPRINGS	1986	47,835	$17,644,195.38
DEPARTMENT OF CORRECTIONS, CENTRAL OFFICE & PROBATION AND PAROLE: 7 Buildings			**TOTAL SQ FT:**	**91,376**	**TOTAL CRV:**	**$26,373,184.63**

DEPARTMENT OF CORRECTIONS, MONTANA CORRECTIONAL ENTERPRISES

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	6 Grain Storage Bins (7500 Bushels)	600 Conley Lake Rd	DEER LODGE		3,200	$48,106.25
☐	Cook Chill (Food Factory)	600 Conley Lake Rd	DEER LODGE	2000	15,082	$5,435,668.70
☐	Cow Camp Calving Barn	600 Conley Lake Rd	DEER LODGE		3,600	$41,565.95
☐	Cow Camp Log Barns (Horse Barn)	600 Conley Lake Rd	DEER LODGE		400	$6,868.18
☐	Dairy Parlor	600 Conley Lake Rd	DEER LODGE	1969	42,324	$3,739,249.90
☐	Feedlot Scale House	600 Conley Lake Rd	DEER LODGE		600	$9,020.33
☐	Garden Warehouse	600 Conley Lake Rd	DEER LODGE		3,700	$55,623.73
☐	Grain Bins-5000 Bushels (4 buildings)	600 Conley Lake Rd	DEER LODGE		624	$9,379.38
☐	Grainary	600 Conley Lake Rd	DEER LODGE		3,200	$130,096.50
☑	H S Laundry/Education	600 Conley Lake Rd	DEER LODGE	1995	29,250	$6,078,370.35
☐	Industrial Complex Furniture Shop	600 Conley Lake Rd	DEER LODGE	1975	20,795	$2,221,624.03
☐	Industrial Complex Warehouse	600 Conley Lake Rd	DEER LODGE	1986	17,231	$1,841,428.78
☐	Industries Furniture Shop Addition	600 Conley Lake Rd	DEER LODGE	2001	16,670	$1,618,110.43
☐	Laundry Garage	600 Conley Lake Rd	DEER LODGE		1,800	$235,609.90
☐	License Plate Distribution Center	600 Conley Lake Road	DEER LODGE	2016	9,404	$1,839,505.60
☐	Logging Shop/Storage	600 Conley Lake Rd	DEER LODGE		7,076	$144,549.88
☑	MVM Building	600 Conley Lake Rd	DEER LODGE	1975	27,000	$4,417,038.48
☐	MVM Building Addition	MSP	DEER LODGE		1,875	$104,605.03
☐	Print & Sign	600 Conley Lake Rd	DEER LODGE	1975	14,250	$1,510,263.20
☐	Ranch 1 - Supervisor's Garage	600 Conley Lake Rd	DEER LODGE		728	$39,431.00
☐	Ranch 1 Calving Barn	Cow Camp	DEER LODGE		3,600	$44,209.38
☐	Ranch 1 Horse and Tack Barn	600 Conley Lake Rd	DEER LODGE		3,900	$66,957.45
☐	Ranch 1 Residence	600 Conley Lake Rd	DEER LODGE		1,556	$108,413.75
☐	Ranch 1 Storage Barn	Ranch 1 - MSP	DEER LODGE		4,680	$108,413.75
☐	Ranch 1 Supervisor Residence & Garage	600 Conley Lake Rd	DEER LODGE		2,128	$130,096.50
☐	Ranch 1 Supervisor Residence & Garage	600 Conley Lake Rd	DEER LODGE		2,128	$130,096.50
☐	Ranch 1 Supervisor Residence & Garage	600 Conley Lake Rd	DEER LODGE		2,128	$130,096.50
☐	Ranch 2 - House & Garage	600 Conley Lake Rd	DEER LODGE		2,348	$144,549.88

DEPARTMENT OF CORRECTIONS, MONTANA CORRECTIONAL ENTERPRISES						
☐	Ranch 2 Shop Building	600 Conley Lake Rd	DEER LODGE		3,200	$173,329.78
☐	Ranch 2 Stone Barn Storage Area	600 Conley Lake Rd	DEER LODGE		3,441	$93,958.23
☐	Ranch 7 - Calving Barn Facility	600 Conley Lake Rd	DEER LODGE		2,500	$57,819.95
☐	Ranch Calving Barn	600 Conley Lake Rd	DEER LODGE		3,600	$61,804.98
☐	Ranch Office Log Cabin & Extension	600 Conley Lake Rd	DEER LODGE		2,880	$375,830.75
☐	Ranch/Industries Warehouse	600 Conley Lake Rd	DEER LODGE		7,200	$144,549.88
☐	Range Office	Ranch	DEER LODGE		988	$13,369.78
☐	Silo-dairy milk precool system	600 Conley Lake Rd	DEER LODGE		225	$150,332.30
☐	Storage Root Cellar	600 Conley Lake Rd	DEER LODGE		11,938	$216,826.43
☐	Taylor 6 Barn	Cow Camp	DEER LODGE		3,600	$55,634.48
☐	Toyota Building (Add'n to MVM)	600 Conley Lake Rd	DEER LODGE		3,000	$162,493.78
☐	Vocational Education MVM Addition	600 Conley Lake Rd	DEER LODGE		5,000	$270,825.83
DEPARTMENT OF CORRECTIONS, MONTANA CORRECTIONAL ENTERPRISES: 40 Buildings			**TOTAL SQ FT:**	**288,849**	**TOTAL CRV:**	**$32,165,725.38**

DEPARTMENT OF CORRECTIONS, MONTANA STATE PRISON

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Change House	400 Conley Lake Rd	DEER LODGE		2,405	$70,140.53
☑	Check Point	400 Conley Lake Rd	DEER LODGE		100	$14,408.23
☑	Close Unit I	400 Conley Lake Rd	DEER LODGE	1979	22,613	$6,289,104.75
☑	Close Unit II	400 Conley Lake Rd	DEER LODGE	1979	22,613	$6,289,104.75
☑	Close Unit III	400 Conley Lake Rd	DEER LODGE	1986	34,038	$8,164,715.30
☑	Conley Lake Bunk/Guest House	400 Conley Lake Rd	DEER LODGE		280	$8,166.78
☑	Conley Lake Double Garage	400 Conley Lake Rd	DEER LODGE		576	$31,197.58
☑	Conley Lake Double Garage/Storage	400 Conley Lake Rd	DEER LODGE		864	$46,797.98
☑	Conley Lake Lodge	400 Conley Lake Rd	DEER LODGE		1,865	$268,733.88
☑	Conley Lake Residence	400 Conley Lake Rd	DEER LODGE		3,703	$194,837.30
☑	DOC Training Center	442 Gulf Course Rd	DEER LODGE	1963	7,780	$743,194.80
☑	Execution Trailer	400 Conley Lake Rd	DEER LODGE	1982	336	$41,224.10
☑	Fire Truck Garage	400 Conley Lake Rd	DEER LODGE	1996	1,680	$90,995.53
☑	Garage 804 College (Mahoney)	804 College	DEER LODGE		720	$38,999.93
☑	Garage, 2-stall 804 College	Ranch 4, N of Deer Lodge	DEER LODGE		576	$31,197.58
☑	Garage, Ranch 1 - Nelson	400 Conley Lake Rd	DEER LODGE		768	$41,599.28
☑	Guard Station (Rear)	400 Conley Lake Rd	DEER LODGE	1976	355	$51,154.95
☑	Guard Tower #1	400 Conley Lake Rd	DEER LODGE		300	$33,694.80
☑	Guard Tower #2	400 Conley Lake Rd	DEER LODGE	1985	100	$14,408.23
☑	Guard Tower #3	400 Conley Lake Rd	DEER LODGE	1985	100	$14,408.23
☑	Guard Tower #4	400 Conley Lake Rd	DEER LODGE	1985	108	$15,563.85
☑	Guard Tower #5	400 Conley Lake Rd	DEER LODGE		100	$134,425.53
☑	High Security Gym	400 Conley Lake Rd	DEER LODGE	1950	11,900	$2,532,264.63
☑	High Security Support Building	400 Conley Lake Rd	DEER LODGE	1982	15,000	$4,571,308.50
☑	High Side Food Service Building	400 Conley Lake Rd	DEER LODGE	1976	12,144	$2,970,311.00
☑	Infirmary Building	400 Conley Lake Rd	DEER LODGE	1985	12,473	$1,807,922.10
☑	Low Security Gym	400 Conley Lake Rd	DEER LODGE	1984	9,816	$2,102,444.15
☑	Low Security Housing Unit D	400 Conley Lake Rd	DEER LODGE	1990	10,000	$3,910,785.50

DEPARTMENT OF CORRECTIONS, MONTANA STATE PRISON

☑	Low Security Support (Rothe)	400 Conley Lake Rd	DEER LODGE	1968	33,877	$8,021,756.43
☑	Main Prison Warehouse	400 Conley Lake Rd	DEER LODGE	1988	23,490	$1,168,248.73
☑	Maintenance Complex	400 Conley Lake Rd	DEER LODGE	1965	22,000	$1,793,439.70
☑	Martz Diagnostic and Intake Unit (MDIU)	400 Conley Lake Rd	DEER LODGE	2004	34,861	$9,881,481.70
☑	Maximum Security Unit	400 Conley Lake Rd	DEER LODGE	1986	34,017	$8,418,872.18
☑	Montana State Correctional Treatment Center	1100 Conley Lake Road	DEER LODGE	1998	23,465	$6,262,157.73
☑	MSP Armory	400 Conley Lake Rd	DEER LODGE	1968	6,903	$1,185,083.23
☑	New Scale House	400 Conley Lake Rd	DEER LODGE	2014	500	$21,830.03
☑	Pump House 1	400 Conley Lake Rd	DEER LODGE	1965	192	$7,280.98
☑	Pump House No. 2 & Equipment	400 Conley Lake Rd	DEER LODGE	1977	320	$18,737.25
☑	Ranch 1 Residence (Nelson)	Ranch 1 - MSP	DEER LODGE		2,100	$154,844.08
☑	Reception Building	400 Conley Lake Rd	DEER LODGE	1968	10,160	$3,082,069.08
☑	Religious Activity Center	400 Conley Lake Rd	DEER LODGE	1979	4,956	$752,535.48
☑	Residence 804 College (Mahoney)	804 College	DEER LODGE		1,100	$57,878.00
☑	Sewer Lagoon Electrical Building	400 Conley Lake Rd	DEER LODGE	1983	100	$1,414.70
☑	Sewer Lagoon Pumphouse	400 Conley Lake Rd	DEER LODGE	1983	356	$44,723.23
☐	storage Shed 150	1100 Conley Lake Road	DEER LODGE		150	$6,548.90
☑	Tool Control/Storage	400 Conley Lake Rd	DEER LODGE		4,136	$62,176.93
☑	Unit A Commons	400 Conley Lake Rd	DEER LODGE	1976	4,096	$1,233,050.80
☑	Unit A Housing	400 Conley Lake Rd	DEER LODGE	1976	19,415	$7,693,477.23
☑	Unit B Commons	400 Conley Lake Rd	DEER LODGE	1976	4,096	$1,233,050.80
☑	Unit B Housing	400 Conley Lake Rd	DEER LODGE	1976	19,415	$7,693,477.23
☑	Unit C Commons	400 Conley Lake Rd	DEER LODGE	1976	4,096	$1,233,050.80
☑	Unit C Housing	400 Conley Lake Rd	DEER LODGE	1976	19,415	$7,693,477.23
☑	Wallace Administration Building	400 Conley Lake Rd	DEER LODGE	1979	23,838	$4,864,372.85
☑	Warehouse 14	400 Conley Lake Rd	DEER LODGE		4,136	$62,176.93
☑	Warehouse/Canteen	400 Conley Lake Rd	DEER LODGE	2009	9,957	$454,078.93
☑	Water Storage Resevoir	400 Conley Lake Rd	DEER LODGE	1998	1,257	$334,160.53
☑	Work Dorm/Expansion	400 Conley Lake Rd	DEER LODGE	1995	30,932	$7,166,426.23

DEPARTMENT OF CORRECTIONS, MONTANA STATE PRISON

DEPARTMENT OF CORRECTIONS, MONTANA STATE PRISON: 57 Buildings	TOTAL SQ FT:	516,649	TOTAL CRV:	$121,124,987.53

DEPARTMENT OF CORRECTIONS, MONTANA WOMEN'S PRISON

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Industries Building	701 27th St.	BILLINGS	1998	6,400	$971,445.25
☑	Montana Women's Prison Main Building	701 27th St S.	BILLINGS	1985	76,543	$29,266,881.45
☑	MWP Food Production	701 South 27th Street2012	BILLINGS		2,400	$136,557.25
☑	MWP Storage Shed 10x20 Metal	701 27th St. S	BILLINGS	2015	200	$8,162.48
☐	MWP Tree Fort	701 South 27th Street	BILLINGS	2020	200	$4,807.40
DEPARTMENT OF CORRECTIONS, MONTANA WOMEN'S PRISON: 5 Buildings			**TOTAL SQ FT:**	**85,743**	**TOTAL CRV:**	**$30,387,853.83**

DEPARTMENT OF CORRECTIONS, MSP-RIVERSIDE SPECIAL NEEDS UNIT

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Administration/Education	2 Riverside Rd	BOULDER	1960	6,971	$1,298,123.78
☑	Housing Unit 14	2 Riverside Rd	BOULDER	1972	7,926	$1,476,422.20
☑	Industries/Maintenance Building	2 Riverside Rd	BOULDER	1972	6,971	$1,298,180.75
☑	Multi Purpose Building	2 Riverside Rd	BOULDER	1999	9,540	$1,781,061.08
☐	Outside Walk in Cooler	2 Riverside Road	BOULDER	1997	144	$5,404.03
☑	Programs Building #15	2 Riverside Rd	BOULDER	1972	6,980	$1,299,397.65
☑	Pump House South of River	2 Riverside Rd	BOULDER	1960	140	$22,261.10
☑	Repair/Fuel/Garage (addition to #44)	2 Riverside Road	BOULDER	1952	1,890	$70,944.63
☑	Storage Boulder	310 4th Avenue	BOULDER	1922	2,833	$106,342.23
☑	Storage Building Boulder	310 4th Avenue	BOULDER	1960	6,480	$315,663.00
☐	Storage Shed 160-1	2 Riverside Road	BOULDER	1998	160	$6,006.03
☐	Storage Shed 160-2	2 Riverside Rd	BOULDER	1998	160	$6,006.03
☐	Storage Shed 160-3	2 Riverside Road	BOULDER	1998	160	$6,006.03
DEPARTMENT OF CORRECTIONS, MSP-RIVERSIDE SPECIAL NEEDS UNIT: 13 Buildings			**TOTAL SQ FT:**	**50,355**	**TOTAL CRV:**	**$7,691,818.50**

DEPARTMENT OF CORRECTIONS, PINE HILLS CORRECTIONAL FACILITY

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Academic Training Center	4 North Haynes Avenue	MILES CITY	1966	22,584	$5,324,380.40
☑	Bull Barn - State Lands Leased	4 North Haynes Avenue	MILES CITY		840	$14,422.20
☑	Dairy Barn - State Lands Leased	4 North Haynes Avenue	MILES CITY	1916	8,544	$146,682.68
☑	Food Production-Storage Shed	4 North Hayes Avenue	MILES CITY	2012	100	$4,365.58
☑	Housing Unit E	4 North Haynes Avenue	MILES CITY	2000	6,726	$1,135,082.83
☑	Loafing Shed - State Lands	4 North Haynes Avenue	MILES CITY		3,304	$38,145.30
☑	Machine Shed	4 North Haynes Ave	MILES CITY	1965	2,400	$114,439.13
☑	Main Building/PHYCF	4 North Haynes Avenue	MILES CITY	2000	43,838	$16,523,716.43
☑	PHYCF Food Production	4 North Haynes Avenue	MILES CITY	2012	2,400	$135,326.38
☑	Physical Training Center	4 North Haynes Avenue	MILES CITY	1968	16,416	$3,273,405.10
☑	Restitution Building	4 North Haynes Avenue	MILES CITY	1999	768	$11,547.65
☑	Spirituality Center	4 North Haynes Avenue	MILES CITY	1983	9,250	$2,574,207.90
☑	Vo Ag Greenhouse	4 North Haynes Avenue	MILES CITY	1993	1,152	$34,636.50
☑	Vo Ag Storage Building North	4 North Haynes Avenue	MILES CITY	1976	100	$5,067.55
☑	VoAg Storage Building South	4 North Haynes Ave	MILES CITY	1977	168	$8,011.98
☑	Warehouse/Maintenance	4 North Haynes Avenue	MILES CITY	1971	12,727	$159,798.75
DEPARTMENT OF CORRECTIONS, PINE HILLS CORRECTIONAL FACILITY: 16 Buildings			**TOTAL SQ FT:**	**131,317**	**TOTAL CRV:**	**$29,503,236.33**

DEPARTMENT OF ENVIRONMENTAL QUALITY

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	Basin Creek Mine Process Plant w/water tanks	Basin Creek Rd	BASIN		-00	$0.00
☐	Basin Creek Mine Truck Shop	Basin Creek Rd	BASIN	1990	4,800	$254,719.10
☐	Basin Creek Mine Warehouse	Basin Creek Rd	BASIN		-00	$0.00
☐	EKTO SHELTER BEARTOOTH SCHOOL BILLINGS	E LAINE ST 7 COLUMBINE ST	BILLINGS	1992	120	$21,951.50
☐	EKTO SHELTER BILLINGS Coburn Rd	624 Coburn Rd	BILLINGS	1992	120	$354.75
☐	EKTO SHELTER ST LUKES	ST LUKES HOSPITAL	BILLINGS	1992	120	$21,951.50
☐	EKTO SHELTER BOZEMAN	Bozeman High School N. 15th	BOZEMAN		120	$1,290.00
☐	EKTO SHELTER BROADUS	Big Powder East Rd, 2 miles E o	BROADUS		120	$1,290.00
☐	EKTO SHELTER BUTTE	HARRISON AVE	BUTTE	1997	120	$21,951.50
☐	EKTO SHELTER COLUMBIA FALLS	610 13th St West Columbia Fall	COLUMBIA FALLS		120	$1,290.00
☐	EKTO SHELTER GREAT FALLS	10TH AVE SO & 2ND ST	GREAT FALLS	1992	120	$21,951.50
☐	EKTO SHELTER HAMILTON PS#46	Madison and 3rd St. South	HAMILTON		120	$1,290.00
☐	EKTO SHELTER HELENA	LINCOLN SCHOOL	HELENA	1994	120	$21,951.50
☐	EKTO SHELTER NCORE	17.7 miles N-NE of Helena off	HELENA		120	$1,290.00
☐	EKTO SHELTER REM	1225 Cedar Street	HELENA	2007	120	$6,039.35
☐	EKTO SHELTER REM	1225 Cedar Street	HELENA	2007	120	$6,039.35
☐	EKTO SHELTER Rossiter	1497 Sierra Rd	HELENA		120	$1,290.00
☐	ITB ENCLOSURE	2800 Airport Road	HELENA	2015	300	$12,353.90
☐	Storage Shed 120-1	1225 Cedar Street	HELENA	2007	120	$4,347.30
☐	Storage Shed 120-2	1225 Cedar Street	HELENA	2007	120	$4,347.30
☐	EKTO SHELTER KALISPELL ELECTRIC	Center St. and Woodland Ave	KALISPELL	1995	120	$21,951.50
☐	EKTO SHELTER MOOSES KALISPELL	MOOSES	KALISPELL	1994	120	$21,951.50
☐	EKTO SHELTER, LEWISTOWN	303 East Aztec Drive	LEWISTOWN	2012	120	$12,827.98
☐	EKTO SHELTER	2309 Short Oil Road Malta Mo	MALTA	2012	120	$12,827.98
☐	EKTO SHELTER MILES CITY	3636 Leighton Blvd	MILES CITY		120	$1,290.00
☐	EKTO SHELTER MISSOULA Boyd Park	3131 Washburn Rd	MISSOULA		120	$1,290.00
☐	EKTO SHELTER Seeley Lake	200 School Ln Seeley Lake Scho	SEELEY LAKE		120	$1,290.00
☐	EKTO SHELTER SHEPHERD	SHEPHERD BUS BARN	SHEPHERD	1992	120	$21,951.50

DEPARTMENT OF ENVIRONMENTAL QUALITY

☐	EKTO SHELTER Sidney	Intersection of CO Rd 131 and	SIDNEY		120	$1,290.00
☐	EKTO SHELTER Thompson Falls	601 Golf St Thompson Falls Hig	THOMPSON FALLS		120	$1,290.00
☐	EKTO SHELTER WEST YELLOWSTONE	WEST YELLOWSTONE	WEST YELLOWSTONE	2007	120	$22,661.00
☐	EKTO SHELTER WEST YELLOWSTONE	PARK ENTRANCE	WEST YELLOWSTONE	1998	120	$21,951.50
☐	EKTO SHELTER WHITEFISH	End of 10th St.	WHITEFISH	1998	120	$21,951.50
☐	Alder Spur Capture System Pump House	Zortman Mine Zortman-Landus	ZORTMAN	2000	96	$1,471.68
☐	Carter Gulch Capture System Pump House	Landusky Mine Zortman-Landu	ZORTMAN	2000	96	$1,471.68
☐	Frog Pond Capture System Pump House	Landusky Mine-Landusky Rout	ZORTMAN	2000	216	$1,471.68
☐	Landusky Maintenance/Lube Shop	Landusky Mine-Landusky Rout	ZORTMAN	2001	60,000	$220,925.40
☐	Landusky Mine Backup Generator	Landusky Mine-Landusky Rout	ZORTMAN	2002	200	$32,402.65
☐	Landusky Upper Warehouse	Landusky Mine-Landusky Rout	ZORTMAN	1985	11,500	$748,738.58
☐	Landusky Water Treatment Plant	Landusky Mine - Landusky Rou	ZORTMAN	2000	120,000	$589,135.48
☐	Landusky/Zortman Water Delivery System Pipeline	Landusky Mine-Landusky Rout	ZORTMAN	2000	-00	$73,641.80
☐	Merrill Crowe Water Treatment Plant Maint. Bldg	Zortman Mine-Zortman-Landu	ZORTMAN	2000	42,000	$29,456.08
☐	Mill Gulch Capture System Pump House	Landusky Mine-Landusky Rout	ZORTMAN	2000	192	$3,684.03
☐	ROCKY MTN FAB STEEL TANK #3	Zortman Mine-Zortman-Landu	ZORTMAN	2005	1,032	$70,766.18
☐	ROCKY MTN FAVR STEEL TANK #4	Zortman Mine-Zortman-Landu	ZORTMAN	2005	3,600	$246,863.00
☐	ROCKY MTN GABR STEEL TANK #1	Zortman Mine-Zortman-Landu	ZORTMAN	2005	1,032	$70,766.18
☐	ROKCY MTN GABR STEEL TANK #2	Zortman Mine-Zortman-Landu	ZORTMAN	2005	1,032	$70,766.18
☐	Ruby Gulch Pumpback System Pump House	Zortman Mine-Zortman-Landu	ZORTMAN	2000	1,296	$22,093.40
☐	Sullivan Gulch Capture System Pump House	Landusky Mine-Landusky Rout	ZORTMAN	2000	192	$3,684.03
☐	SWIFT GULCH WATER TREATMENT BUILDING	Zortman Mine-Zortman-Landu	ZORTMAN	2011	1,472	$165,896.15
☐	Upper Merrill Crowe Bldg-Biological Treatment Plnt	Landusky Mine-Landusky Rout	ZORTMAN	2001	55,000	$73,641.80
☐	Upper MT Capture System Pump House	Landusky Mine-Landusky Rout	ZORTMAN	2000	216	$3,684.03
☐	WIND TURBINE	Zortman Mine-Zortman-Landu	ZORTMAN	2013	-00	$0.00
☐	Zortman Mine Backup Generator	Zortman Mine-Zortman-Landu	ZORTMAN	2002	220	$35,643.78
☐	Zortman Water Treatment Plant	Zortman Mine-Zortman-Landu	ZORTMAN	2000	65,000	$589,135.48
DEPARTMENT OF ENVIRONMENTAL QUALITY: 55 Buildings			**TOTAL SQ FT:**	**372,972**	**TOTAL CRV:**	**$3,625,562.20**

DEPARTMENT OF FISH, WILDLIFE & PARKS

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	5) Castle Rock FAS - Building - Latrine	15 mi W of Absarokee on Hwy	ABSAROKEE	1995	77	$8,483.90
☐	5) Castle Rock FAS - Building - Latrine ADA	15 mi W of Absarokee on Hwy	ABSAROKEE	1995	77	$8,483.90
☐	5) Cliff Swallow FAS - Building - Latrine	9 mi W of Absarokee on Hwy 4	ABSAROKEE	2015	77	$6,896.13
☐	5) Cliff Swallow FAS - Building - Latrine	9 mi W of Absarokee on Hwy 4	ABSAROKEE	1995	77	$8,483.90
☐	5) Jeffreys Landing FAS - Building - Latrine	1.5 mi N of Absarokee Hwy 78	ABSAROKEE	2009	77	$7,637.88
☐	5) Jeffreys Landing FAS -Building - Garage	1.5 mi N of Absarokee Hwy 78	ABSAROKEE	1917	1,200	$54,726.10
☐	5) Moraine FAS - Building - Latrine - ADA	16.1 mi W of Absorkee on Hwy	ABSAROKEE	1999	77	$8,483.90
☐	3) Ruby Dam FAS - Building - Latrine	7 mi S of Alder on Ruby Dam R	ALDER	1999	77	$8,483.90
☐	3) Vigilate FAS - Building - Latrine ADA	6 mi S of Alder on Ruby Dam R	ALDER	1999	77	$8,483.90
☐	2) Georgetown Lake Patrol - Building - Latrine	23 mi W of Anaconda, cross Slo	ANACONDA	1980	64	$14,627.53
☐	2) Georgetown Lake Patrol - Building - Patrol Cabin	23 mi W of Anaconda, cross Slo	ANACONDA	1930	280	$4,063.50
☐	2) Georgetown Lake Patrol - Building - Patrol Cabin	23 mi W of Anaconda, cross Slo	ANACONDA	1930	392	$12,263.60
☐	2) Georgetown Lake Patrol - Building - Shop	23 mi W of Anaconda, cross Slo	ANACONDA	2002	576	$10,667.23
☐	2) Georgetown Lake Patrol - Sleeping Quarters	23 mi W of Anaconda, cross Slo	ANACONDA	1932	400	$11,663.75
☐	2) Lost Creek SP - Building - Latrine	5750 Lost Creek Rd	ANACONDA	2004	77	$8,157.10
☐	2) Lost Creek SP - Building - Latrine	5750 Lost Creek Rd	ANACONDA	2003	77	$8,483.90
☐	2) Lost Creek SP - Building - Latrine	5750 Lost Creek Rd	ANACONDA	1999	77	$8,483.90
☐	2) Lost Creek SP - Building - Latrine	5750 Lost Creek Rd	ANACONDA	2003	77	$8,483.90
☐	2) Lost Creek SP - Building - Latrine	5750 Lost Creek Rd	ANACONDA	2008	224	$26,218.18
☐	2) Washoe Park Hatchery - Building	600 West Pennsylvania St	ANACONDA	1998	7,728	$1,179,211.58
☐	2) Washoe Park Hatchery - Building - Aeration Tower	600 West Pennsylvania St	ANACONDA	1998	866	$324,595.18
☐	2) Washoe Park Hatchery - Building - Cold Storage	600 West Pennsylvania St	ANACONDA	1948	954	$8,388.23
☐	2) Washoe Park Hatchery - Building - Creek Water Intake	600 West Pennsylvania St	ANACONDA	1989	210	$59,865.68
☐	2) Washoe Park Hatchery - Building - Garage	600 West Pennsylvania St	ANACONDA	1950	528	$13,866.43
☐	2) Washoe Park Hatchery - Building - Garage 4 bay	600 West Pennsylvania St	ANACONDA	1975	1,240	$47,263.45
☐	2) Washoe Park Hatchery - Building - Garage Shop	600 West Pennsylvania St	ANACONDA	1950	1,656	$123,523.95
☐	2) Washoe Park Hatchery - Building - Isolation	600 West Pennsylvania St	ANACONDA	2019	900	$33,784.03
☐	2) Washoe Park Hatchery - Building - Old Raceways Shelter	604 West Pennsylvania St	ANACONDA	1950	2,264	$123,537.93

DEPARTMENT OF FISH, WILDLIFE & PARKS

☐	2) Washoe Park Hatchery - Building - Raceway Shelter - Northeast	600 West Pennsylvania St	ANACONDA	1970	630	$218,421.73
☐	2) Washoe Park Hatchery - Building - Raceway Shelter - Northwest	600 West Pennsylvania St	ANACONDA	1970	630	$228,382.68
☐	2) Washoe Park Hatchery - Building - Raceway Shelter - Southeast	600 West Pennsylvania St	ANACONDA	1970	630	$228,382.68
☐	2) Washoe Park Hatchery - Building - Raceway Shelter - Southwest	600 West Pennsylvania St	ANACONDA	1992	630	$53,151.23
☐	2) Washoe Park Hatchery - Building - Shed	600 West Pennsylvania St	ANACONDA	2020	96	$3,585.13
☐	2) Washoe Park Hatchery - Dwelling/Residence	600 West Pennsylvania St	ANACONDA	1950	944	$161,302.68
☐	2) Washoe Park Hatchery - Fish Tank	604 West Pennsylvania St	ANACONDA	1998	572	$31,802.80
☐	2) Washoe Park Hatchery - Residence #1 New	600 West Pennsylvania St	ANACONDA	1975	1,436	$245,494.53
☐	2) Washoe Park Hatchery - Residence #2 New	600 West Pennsylvania St	ANACONDA	1975	1,432	$245,494.53
☐	2) Jocko River Trout Hatchery - Building	71873 Hatchery Lane	ARLEE	1948	4,144	$344,757.88
☐	2) Jocko River Trout Hatchery - Building - Cover Pump House	71873 Hatchery Lane	ARLEE	1992	16	$1,720.00
☐	2) Jocko River Trout Hatchery - Building - Feed Shed	71873 Hatchery Lane	ARLEE	2005	192	$21,646.20
☐	2) Jocko River Trout Hatchery - Building - Fire Pump House	71873 Hatchery Lane	ARLEE	2005	96	$12,812.93
☐	2) Jocko River Trout Hatchery - Building - Four-Stall Garage	71873 Hatchery Lane	ARLEE	1948	1,368	$74,099.75
☐	2) Jocko River Trout Hatchery - Building - Garage	71873 Hatchery Lane	ARLEE	2000	720	$38,999.93
☐	2) Jocko River Trout Hatchery - Building - Garage 2	71873 Hatchery Lane	ARLEE	2000	720	$38,999.93
☐	2) Jocko River Trout Hatchery - Building - Garage 3	71873 Hatchery Lane	ARLEE	2000	720	$38,999.93
☐	2) Jocko River Trout Hatchery - Building - Garage/Storage	71873 Hatchery Lane	ARLEE	2009	3,000	$339,004.48
☐	2) Jocko River Trout Hatchery - Building - Latrine	71873 Hatchery Lane	ARLEE	2016	144	$6,818.73
☐	2) Jocko River Trout Hatchery - Building - Modular House	71873 Hatchery Lane	ARLEE	1973	1,152	$69,273.00
☐	2) Jocko River Trout Hatchery - Building - Raceway Shelter - North	71873 Hatchery Lane	ARLEE	2002	630	$13,935.23
☐	2) Jocko River Trout Hatchery - Building - Raceway Shelter - South	71873 Hatchery Lane	ARLEE	2002	630	$13,935.23
☐	2) Jocko River Trout Hatchery - Building - Shed	71873 Hatchery Lane	ARLEE	1992	64	$2,610.10
☐	2) Jocko River Trout Hatchery - Building - Shed	71873 Hatchery Lane	ARLEE	1992	64	$2,610.10
☐	2) Jocko River Trout Hatchery - Building - Spawn House	71873 Hatchery Lane	ARLEE	1948	312	$29,183.03
☐	2) Jocko River Trout Hatchery - Dwelling No. 2 - East	71873 Hatchery Lane	ARLEE	1940	2,340	$146,725.68
☐	2) Jocko River Trout Hatchery - Dwelling No. 3 - West	71873 Hatchery Lane	ARLEE	1948	2,340	$146,725.68
☐	4) Augusta Check Station	9 mi NW of Augusta	AUGUSTA	1950	320	$25,960.18
☐	4) Augusta Check Station FAS - Building	Augusta	AUGUSTA	2005	250	$23,384.48

DEPARTMENT OF FISH, WILDLIFE & PARKS

☐	4) Bean Lake FAS - Building - Latrine ADA	2016 Dearborn Canyon Rd	AUGUSTA	1994	77	$8,483.90
☐	4) Bean Lake FAS - Building - Latrine ADA	2016 Dearborn Canyon Rd	AUGUSTA	1994	77	$6,834.85
☐	4) Gibson Reservoir - Building - Barn	25 mi NW of Augusta on Sun C	AUGUSTA	1960	384	$6,337.13
☐	4) Gibson Reservoir - Building - Cabin	25 mi NW of Augusta on Sun C	AUGUSTA	1960	384	$10,768.28
☐	4) Gibson Reservoir - Building - Shed	25 mi NW of Augusta on Sun C	AUGUSTA	1960	100	$4,080.70
☐	4) Nilan Reservoir FAS - Building - Latrine	7140 Benchmark Rd	AUGUSTA	1997	77	$8,483.90
☐	4) Nilan Reservoir FAS - Building - Latrine ADA	7140 Benchmark Rd	AUGUSTA	1996	77	$8,483.90
☐	4) Sun River WMA - Building - Barn	9 mi NW of Augusta	AUGUSTA	1965	1,024	$9,735.20
☐	4) Sun River WMA - Building - Bunkhouse	9 mi NW of Augusta	AUGUSTA	1935	2,792	$81,430.18
☐	4) Sun River WMA - Building - Garage	9 mi NW of Augusta	AUGUSTA	1965	576	$23,508.10
☐	4) Sun River WMA - Building - Latrine ADA	9 mi NW of Augusta	AUGUSTA	1999	77	$8,483.90
☐	4) Sun River WMA - Building - Latrine ADA	9 mi NW of Augusta	AUGUSTA	1999	77	$8,483.90
☐	4) Sun River WMA - Building - Storage	9 mi NW of Augusta	AUGUSTA	1965	168	$8,510.78
☐	4) Willow Creek - Building - Barn	740 Beaver Willow Rd	AUGUSTA	1970	728	$15,034.95
☐	4) Willow Creek - Building - Cabin	740 Beaver Willow Rd	AUGUSTA	1972	1,069	$26,868.55
☐	2) Spotted Dog WMA - Building - Shop/Barn	nearest town Avon	AVON	2010	6,600	$97,649.78
☐	3) Axtell Bridge FAS - Building - Latrine	4.2 mi S of Four Corners on Hw	BELGRADE	1999	77	$8,483.90
☐	3) Cameron Bridge FAS - Building - Latrine ADA	2 mi S of Belgrade Hwy 85, pos	BELGRADE	1982	77	$17,630.00
☐	3) Erwin Bridge FAS - Building - Latrine	4 mi W of Belgrade on Amsterd	BELGRADE	2008	77	$7,313.23
☐	3) Four Corners FAS - Building - Latrine	I 90 at Manhattan mi marker 2	BELGRADE	2008	77	$7,313.23
☐	4) Sluice Boxes SP - Building - Latrine ADA	38 Evans Riceville Rd	BELT	1999	77	$8,483.90
☐	1) Big Arm SP - Building - Comfort Station	28031 Big Arm State Park Rd	BIG ARM	1996	1,368	$225,118.98
☐	1) Big Arm SP - Building - Entrance Station	28031 Big Arm State Park Rd	BIG ARM	1994	66	$6,715.53
☐	1) Big Arm SP - Building - Latrine - ADA	28031 Big Arm State Park Rd	BIG ARM	1996	77	$8,483.90
☐	1) Big Arm SP - Building - Latrine - Aspen Vault	28031 Big Arm State Park Rd	BIG ARM	2009	160	$16,052.98
☐	1) Big Arm SP - Building - Latrine - Aspen Vault	28031 Big Arm State Park Rd	BIG ARM	2009	160	$16,052.98
☐	1) Big Arm SP - Building - Latrine - Vault	28031 Big Arm State Park Rd	BIG ARM	2000	77	$8,483.90
☐	1) Big Arm SP - Building - Latrine - Vault	28031 Big Arm State Park Rd	BIG ARM	2000	77	$8,483.90
☐	1) Big Arm SP - Building - Picnic Shelter	28031 Big Arm State Park Rd	BIG ARM	1991	176	$19,396.23

DEPARTMENT OF FISH, WILDLIFE & PARKS

☐	1) Big Arm SP - Building - Picnic Shelter	28031 Big Arm State Park Rd	BIG ARM	1990	176	$12,317.35
☐	1) Big Arm SP - Building - Pump House	28031 Big Arm State Park Rd	BIG ARM	1990	50	$6,676.83
☐	1) Big Arm SP - Building - Storage Garage	28031 Big Arm State Park Rd	BIG ARM	2009	384	$29,864.58
☐	1) Big Arm SP - Building - Yurt Structure	28031 Big Arm State Park Rd	BIG ARM	2009	315	$50,609.93
☐	1) Big Arm SP - Building - Yurt Structure	28031 Big Arm State Park Rd	BIG ARM	1998	315	$10,826.33
☐	1) Big Arm SP - Building - Yurt Structure - ADA	28031 Big Arm State Park Rd	BIG ARM	2009	315	$52,235.33
☐	5) Grey Bear FAS - Building - Latrine ADA	I-90 exit 367 N on Frontage Rd,	BIG SKY	1994	77	$8,483.90
☐	5) Boulder Forks FAS - Building - Latrine - ADA	S on McLeod/Hwy 298 for 16	BIG TIMBER	1999	77	$8,483.90
☐	5) Bratten FAS - Building - Latrine	I-90 exit 392, Frontage Rd, W 4	BIG TIMBER	2007	77	$7,637.88
☐	5) Grey Bear FAS - Building - Latrine ADA	I-90 exit 367 N on Frontage Rd,	BIG TIMBER	1996	77	$8,483.90
☐	5) Grey Bear FAS - Building - Latrine ADA	I-90 exit 367 N on Frontage Rd,	BIG TIMBER	1995	77	$8,483.90
☐	5) Pelican FAS - Building - Latrine ADA	I-90 Exit 392 to N Frontage Rd,	BIG TIMBER	2004	77	$8,483.90
☐	5) Yellowstone River Trout Hatchery - Building - Dwelling #3	7A Fairgrounds Rd	BIG TIMBER	1984	1,640	$21,626.85
☐	5) Yellowstone River Trout Hatchery - Building - Dwelling No. 2	17 Fairgrounds Rd	BIG TIMBER	1948	2,528	$152,017.90
☐	5) Yellowstone River Trout Hatchery - Building - Garage & Shop	17 Fairgrounds Rd	BIG TIMBER	1948	1,249	$67,597.08
☐	5) Yellowstone River Trout Hatchery - Building - Office	17 Fairgrounds Rd	BIG TIMBER	1985	4,275	$498,081.90
☐	5) Yellowstone River Trout Hatchery - Building - Residence - Garage	17 Fairgrounds Rd	BIG TIMBER	2000	576	$31,197.58
☐	5) Yellowstone River Trout Hatchery - Raceway Shelter	17 Fairgrounds Rd	BIG TIMBER	2004	630	$53,151.23
☐	1) Bigfork FAS - Building - Flush Toilet	Off Hwy 35 at post 31	BIGFORK	1974	64	$7,053.08
☐	1) Echo Lake FAS - Building - Latrine	3 mi NE of Bigfork, turn N off H	BIGFORK	2006	77	$8,157.10
☐	1) Rose Creek Hatchery - Building - Garage	5 mi N of Bigfork	BIGFORK	1999	460	$18,942.58
☐	1) Rose Creek Hatchery - Building - Hatchery	5 mi N of Bigfork	BIGFORK	2011	2,400	$306,336.30
☐	1) Rose Creek Hatchery - Building - Shed	5 mi N of Bigfork	BIGFORK	2011	96	$3,953.85
☐	1) Rose Creek Hatchery - Building - Shed	5 mi N of Bigfork	BIGFORK	2012	120	$4,940.70
☐	1) Rose Creek Hatchery - Building - Shed	5 mi N of Bigfork	BIGFORK	1999	420	$17,295.68
☐	1) Swan River FAS - Building - Latrine	3 mi E of Bigfork on Hwy 209, 1	BIGFORK	2008	77	$6,835.93
☐	1) Wayfarers SP - Building - Administration	8600 Montana Hwy 35	BIGFORK	2015	720	$208,761.78
☐	1) Wayfarers SP - Building - Comfort Station	8600 Montana Hwy 35	BIGFORK	1998	600	$169,154.48
☐	1) Wayfarers SP - Building - Comfort Station	8600 Montana Hwy 35	BIGFORK	2002	1,000	$300,666.75

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☐	1) Wayfarers SP - Building - Garage - Storage	8600 Montana Hwy 35	BIGFORK	2009	640	$46,205.65
☐	1) Wayfarers SP - Building - Group Shelter	8600 Montana Hwy 35	BIGFORK	2019	864	$7,390.63
☐	1) Wayfarers SP - Building - Latrine	8600 Montana Hwy 35	BIGFORK	1999	77	$8,483.90
☐	1) Wayfarers SP - Building - Pay Station	8600 Montana Hwy 35	BIGFORK	2004	42	$5,525.50
☐	1) Wayfarers SP - Building - Picnic Shelter	8600 Montana Hwy 35	BIGFORK	1996	1,200	$132,232.53
☐	1) Woods Bay - Building - Latrine	14 mi S of Bigfork on Hwy 35 to	BIGFORK	1999	77	$8,483.90
☐	1) Yellow Bay SP - Building - Latrine	23861 Montana Hwy 35	BIGFORK	1990	160	$17,630.00
☐	1) Yellow Bay SP - Building - Modern Flush Toilet	23861 Montana Hwy 35	BIGFORK	1966	360	$39,670.73
☐	1) Yellow Bay SP - Building - Picnic Shelter	23861 Montana Hwy 35	BIGFORK	1990	176	$19,396.23
☐	1) Yellow Bay SP - Building - Storage Shed	23861 Montana Hwy 35	BIGFORK	1968	432	$21,883.78
☐	1) Yellow Bay SP - Building - Wellhouse w/ elec	23861 Montana Hwy 35	BIGFORK	1991	50	$6,676.83
☐	5) Absaroka FAS - Building - Latrine ADA	1 mi W of Absaroka 420, N @ J	BILLINGS	2000	77	$8,483.90
☐	5) Big Horn FAS - Building - Latrine - ADA	5.7 mi S of St Xavier on Hwy 31	BILLINGS	1999	77	$8,483.90
☐	5) Big Rock FAS - Building - Latrine	I-90 exit 420, 1.4 mi Old Bridge	BILLINGS	1996	77	$8,483.90
☐	5) Billings Airport Hanger -	Logan Int'l Airport	BILLINGS	1988	2,792	$181,613.73
☐	5) Duck Creek FAS - Building - Latrine ADA	I-90 Exit 443, S to Frontage Rd,	BILLINGS	2004	77	$7,313.23
☐	5) Lake Elmo SP - Building - Comfort Station w/Showers	2300 Lake Elmo Dr	BILLINGS	1995	575	$33,514.20
☐	5) Lake Elmo SP - Building - Comfort Stationw/Showers	2300 Lake Elmo Dr	BILLINGS	1995	1,236	$72,091.65
☐	5) Lake Elmo SP - Building - Concession Building	2300 Lake Elmo Dr	BILLINGS	1997	128	$14,102.93
☐	5) Lake Elmo SP - Building - Equipment Shed	2300 Lake Elmo Dr	BILLINGS	2006	288	$13,322.48
☐	5) Lake Elmo SP - Building - Latrine ADA	2300 Lake Elmo Dr	BILLINGS	2000	77	$8,483.90
☐	5) Lake Elmo SP - Building - Picnic Shelter	2300 Lake Elmo Dr	BILLINGS	1998	1,200	$11,018.75
☐	5) Lake Elmo SP - Building - Picnic Shelter	2300 Lake Elmo Dr	BILLINGS	1999	1,800	$198,349.33
☐	5) Manual Lisa FAS - Building - Latrine ADA	I-94 exit 49, N to Frontage Rd,	BILLINGS	1992	77	$8,483.90
☐	5) Pictogragh Cave SP - Building - Latrine ADA	3401 Coburn Rd	BILLINGS	1993	77	$8,483.90
☐	5) Pictogragh Cave SP - Building - Pump House	3401 Coburn Rd	BILLINGS	2005	48	$1,975.85
☐	5) Pictograph Cave SP - Building - Shed	3401 Coburn Rd	BILLINGS	2005	144	$13,549.30
☐	5) Pictograph Cave SP - Building - Shed	3401 Coburn Rd	BILLINGS	2016	288	$10,433.95
☐	5) Pictograph Cave SP - Building - Visitor Center	3401 Coburn Rd	BILLINGS	2009	2,753	$1,099,844.33

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☐	5) Regional HQ - Building	2300 Lake Elmo Dr	BILLINGS	1989	8,023	$1,517,062.58
☐	5) Regional HQ - Building - Garage & Shop & IT	2300 Lake Elmo Dr	BILLINGS	1980	2,736	$148,194.13
☐	5) Regional HQ - Building - Open Stalled Storage	2300 Lake Elmo Dr	BILLINGS	1989	7,000	$34,099.00
☐	5) Regional HQ - Building - Shed	2300 Lake Elmo Dr	BILLINGS	2014	96	$3,953.85
☐	5) Regional HQ - Building - Shed	2300 Lake Elmo Dr	BILLINGS	2014	96	$3,953.85
☐	5) Regional HQ - Building - Shed	2300 Lake Elmo Dr	BILLINGS	2005	96	$3,953.85
☐	5) Yellowstone WMA - Building - Storage	28 mi E of Billings on I-94, Pom	BILLINGS	2013	2,880	$125,743.83
☐	6) Cree Crossing WMA - Building - Shed	6173 Cree Crossing	BLACK EAGLE	2020	1,296	$46,950.63
☐	2) Angevine FAS - Building - Latrine	5 mi E of Bonner on Hwy 200	BONNER	1996	77	$6,896.13
☐	2) Johnsrud Park FAS - Building - Latrine	10.3 mi E of Bonner Hwy 200,	BONNER	1999	77	$8,483.90
☐	2) Johnsrud Park FAS - Building - Latrine	10.3 mi E of Bonner Hwy 200,	BONNER	2011	77	$8,926.80
☐	2) Johnsrud Park FAS - Building - Picnic Shelter	10.3 mi E of Bonner Hwy 200,	BONNER	1985	176	$19,396.23
☐	2) River Junction FAS - Building - Latrine	38 mi E of Bonner on Hwy 200,	BONNER	2002	77	$6,896.13
☐	2) Weigh Station FAS - Building - Latrine	0.5 miles east of Bonner on Hw	BONNER	2013	77	$7,313.23
☐	3) Elkhorn SP - Building - Fraternity Hall	812 Elkhorn Rd	BOULDER	1980	4,939	$803,701.18
☐	3) Elkhorn SP - Building - Gillian Hall	812 Elkhorn Rd	BOULDER	1980	2,520	$352,702.13
☐	3) Black's Ford FAS - Building - Latrine	23 mi W of Bozeman on Hwy 8	BOZEMAN	2017	144	$12,749.50
☐	3) Black's Ford FAS - Building - Latrine	23 mi W of Bozeman on Hwy 8	BOZEMAN	2017	144	$12,749.50
☐	3) Cherry River FAS - Building - Latrine	1 mi N of Bozeman on Hwy 10	BOZEMAN	2001	77	$8,483.90
☐	3) East Gallatin SP - Building - Group Use Shelter	City of Bozeman - Manley Rd	BOZEMAN	1992	1,200	$132,232.53
☐	3) East Gallatin SP - Building - Latrine	City of Bozeman	BOZEMAN	2002	77	$8,483.90
☐	3) Regional HQ - Building	1400 South 19th	BOZEMAN	1987	17,292	$1,564,745.28
☐	3) Regional HQ - Building - Lab/Shop	1400 South 19th	BOZEMAN	1988	8,087	$856,055.83
☐	3) Regional HQ - Building - Shed	1400 South 19th	BOZEMAN	1987	48	$1,953.28
☐	3) Regional HQ - Building - Shed	1400 South 19th	BOZEMAN	2018	80	$3,142.23
☐	3) Regional HQ - Building - Shed	1400 South 19th	BOZEMAN	2000	120	$4,885.88
☐	3) Regional HQ - Building - Shed	1400 South 19th	BOZEMAN	1987	144	$5,860.90
☐	3) Regional HQ - Building - Shed	1400 South 19th	BOZEMAN	2000	168	$6,838.08
☐	3) Regional HQ - Building - Shed	1400 South 19th	BOZEMAN	1997	206	$8,386.08

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☐	3) Regional HQ - Building - Storage	1400 South 19th	BOZEMAN	1988	6,192	$405,699.63
☐	5) Bluewater Springs Hatchery - Building	700 Bluewater Rd	BRIDGER	1957	144	$2,166.13
☐	5) Bluewater Springs Hatchery - Building - Garage	700 Bluewater Rd	BRIDGER	2008	750	$175,707.68
☐	5) Bluewater Springs Hatchery - Building - Garage Res#1	700 Bluewater Rd	BRIDGER	1949	952	$51,564.53
☐	5) Bluewater Springs Hatchery - Building - Garage w/#2	700 Bluewater Rd	BRIDGER	2008	720	$35,106.28
☐	5) Bluewater Springs Hatchery - Building - Main Building	700 Bluewater Rd	BRIDGER	2001	6,114	$1,653,599.40
☐	5) Bluewater Springs Hatchery - Building - Residence #1 - Storage	700 Bluewater Rd	BRIDGER	1949	224	$8,075.40
☐	5) Bluewater Springs Hatchery - Building - Resident No 3	700 Bluewater Rd	BRIDGER	1973	1,344	$161,638.08
☐	5) Bluewater Springs Hatchery - Building - Resident No. 1	700 Bluewater Rd	BRIDGER	1949	832	$100,062.08
☐	5) Bluewater Springs Hatchery - Building - Resident No. 2	700 Bluewater Rd	BRIDGER	1954	832	$100,062.08
☐	5) Bluewater Springs Hatchery - Building - Shed	700 Bluewater Rd	BRIDGER	2010	120	$4,940.70
☐	5) Bluewater Springs Hatchery - Building - Shop/Garage	700 Bluewater Rd	BRIDGER	1973	2,000	$108,328.83
☐	5) Bluewater Springs Hatchery - Building - Spring Cover	700 Bluewater Rd	BRIDGER	2002	16,650	$1,334,066.40
☐	5) Bluewater Springs Hatchery - Building - Weir Box Shelter	700 Bluewater Rd	BRIDGER	2006	144	$1,496.40
☐	5) Bluewater Springs Hatchery - Building - Well House Shed	700 Bluewater Rd	BRIDGER	2007	144	$1,496.40
☐	5) Bluewater Springs Hatchery - Settling Basin	700 Bluewater Rd	BRIDGER	2002	6,688	$980,039.88
☐	5) Bluewater Springs Hatchery - Upper Raceways	700 Bluewater Rd	BRIDGER	2002	6,979	$1,193,177.98
☐	5) Bluewater Springs Hatchery-Lower Raceways	700 Bluewater Rd	BRIDGER	2002	6,979	$1,125,006.85
☐	5) Clarks Fork of Yellowstone FAS - Building - Latrine	2 mi S of Bridger on Hwy 72	BRIDGER	2012	77	$7,313.23
☐	5) Broadview Ponds FAS - Building - Latrine	Off of Hwy 3 at the N end of Br	BROADVIEW	2011	77	$7,313.23
☐	7) Rosebud Battlefield SP - Building - Bunkhouse	HC 42/ 25 mi E of Crow Agency	BUSBY	1978	280	$14,087.88
☐	7) Rosebud Battlefield SP - Building - Dwelling	HC 42/ 25 mi E of Crow Agency	BUSBY	1978	1,109	$66,686.55
☐	7) Rosebud Battlefield SP - Building - Four Stall Garage	HC 42/ 25 mi E of Crow Agency	BUSBY	1978	1,008	$54,598.18
☐	7) Rosebud Battlefield SP - Building - Latrine	HC 42/ 25 mi E of Crow Agency	BUSBY	1996	77	$7,313.23
☐	4) Blackleaf WMA - Building - Barn	15 mi W of Bynum	BYNUM	1980	960	$39,178.38
☐	4) Blackleaf WMA - Building - Latrine	15 mi W of Bynum	BYNUM	1993	77	$7,313.23
☐	4) Bynum Reservoir FAS - Building - Latrine	6 mi W of Bynum off Hwy 89	BYNUM	1997	77	$8,483.90
☐	4) Bynum Reservoir FAS - Building - Latrine ADA	6 mi W of Bynum off Hwy 89	BYNUM	1994	77	$8,483.90
☐	3) Cardwell FAS - Building - Latrine	1 mi S of Cardwell on 359	CARDWELL	1996	77	$8,483.90

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☐	4) Carter Ferry FAS - Building - Latrine	4900 Carter Ferry Rd	CARTER	1999	77	$8,483.90
☐	4) Dearborn FAS - Building - Latrine	3976 Marshall Lane	CASCADE	1999	77	$8,483.90
☐	4) Little Muddy Creek FAS - Building - Latrine	835 Old US Hwy 91	CASCADE	2010	77	$7,313.23
☐	4) Medicine River FAS - Building - Latrine ADA	19 Sun River	CASCADE	1999	77	$8,483.90
☐	4) Mid Canon FAS - Building - Latrine ADA	45 Golden Eagle	CASCADE	1994	77	$8,483.90
☐	4) Mountain Palace FAS - Building - Latrine ADA	2628 Old US Hwy 91	CASCADE	1993	77	$8,483.90
☐	4) Pelican Point FAS - Building - Latrine ADA	2143 Old Hwy 91	CASCADE	1994	77	$8,483.90
☐	4) Stickney FAS - Building - Latrine ADA	4082 Craig Frontage Rd	CASCADE	1994	77	$8,483.90
☐	4) Stickney FAS - Building - Latrine ADA	4082 Craig Frontage Rd	CASCADE	1994	77	$8,483.90
☐	4) Tower Rock SP - Building - Latrine	2325 Old US Hwy 91	CASCADE	2007	77	$7,313.23
☐	1) Ninepipes WMA - Building - Kramer Residence	5791 Ninepipe Road	CHARLO	1958	1,248	$75,046.83
☐	1) Ninepipes WMA - Building - Kramer Two Stall Garage	5791 Ninepipe Road	CHARLO	1979	672	$36,397.35
☐	1) Ninepipes WMA - Building - Latrine	5791 Ninepipe Road	CHARLO	1993	77	$8,483.90
☐	1) Ninepipes WMA - Building - Metal Shed - Ringneck Ranch	5791 Ninepipe Road	CHARLO	1976	2,400	$121,587.88
☐	1) Ninepipes WMA - Building - Office/ Silos	5791 Ninepipe Road	CHARLO	1978	2,100	$106,393.83
☐	1) Ninepipes WMA - Building - Silo Grain Bin - Ringneck Ranch	5791 Ninepipe Road	CHARLO	1950	72	$11,048.85
☐	1) Ninepipes WMA - Building - Storage	5791 Ninepipe Road	CHARLO	2004	900	$45,593.98
☐	4) Arod Lake FAS - Building - Latrine	1 mi E of Choteau Hwy 221, 6	CHOTEAU	1999	77	$8,483.90
☐	4) Choteau Field Office - Building - Shed	22 2nd Street SE	CHOTEAU	2020	160	$5,975.93
☐	4) Ear Mountain WMA - Building - Latrine	Hwy 287 1/2 mi S of Choteau,	CHOTEAU	2010	77	$7,637.88
☐	4) Eureka Reservoir FAS - Building - Latrine ADA	4 mi N of Choteau Hwy89 @ p	CHOTEAU	1995	77	$8,483.90
☐	4) Eureka Reservoir FAS - Building - Latrine ADA	4 mi N of Choteau Hwy89 @ p	CHOTEAU	1994	77	$8,483.90
☐	4) Pishkun Reservoir FAS - Building - Latrine	.5 mi S of Choteau Hwy 287, 19	CHOTEAU	1997	77	$8,483.90
☐	2) Beavertail Hill SP - Building - Camp Rsv Office	29895 Bonita Station Rd	CLINTON	2011	240	$25,375.38
☐	2) Beavertail Hill SP - Building - Comfort Station	29895 Bonita Station Rd	CLINTON	2000	224	$24,684.15
☐	2) Beavertail Hill SP - Building - Firewood	29895 Bonita Station Rd	CLINTON	2001	140	$9,770.68
☐	2) Beavertail Hill SP - Building - Latrine	29895 Bonita Station Rd	CLINTON	1995	77	$8,483.90
☐	2) Beavertail Hill SP - Building - Storeage Shed	29895 Bonita Station Rd	CLINTON	1984	80	$13,169.83
☐	2) Schwartz Creek FAS - Building - Latrine	Clinton exit 120, S on Frontage	CLINTON	1999	77	$8,483.90

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☐	1) Teakettle FAS - Building - Latrine	655 US-2	COLUMBIA FALLS	1999	77	$8,483.90
☐	5) Holmgren Ranch FAS - Building - Latrine	Appox 5 mi W of Columbus on	COLUMBUS	2012	77	$7,313.23
☐	5) Swinging Bridge FAS - Building - Latrine ADA	5.3 S of Columbus on Hwy 78	COLUMBUS	1995	77	$8,483.90
☐	1) Paul's Memorial FAS - Building	5 mi NE of Coram on Belton St	CORAM	2011	224	$42,014.23
☐	1) Paul's Memorial FAS - Building - Latrine	4 mi NE of Coram, W on Hwy 2	CORAM	2011	77	$7,313.23
☐	2) Woodside Bridge FAS - Building - Latrine	Hwy 93 to Hwy 373 Woodside	CORVALLIS	2009	77	$7,637.88
☐	2) Darby Bridge, FAS - Building - Latrine	0.5 mi S of Darby, turn E on Wa	DARBY	2015	77	$6,896.13
☐	2) Hannon Memorial FAS - Building - Latrine	20 mi S of Hamilton on Hwy 93	DARBY	2004	77	$8,157.10
☐	2) Hannon Memorial FAS - Building - Latrine	20 mi S of Hamilton on Hwy 93	DARBY	1999	77	$8,483.90
☐	2) Painted Rocks FAS - Building - Latrine	8809 West Fork Road	DARBY	1999	77	$8,483.90
☐	2) Painted Rocks FAS - Building - Latrine	8809 West Fork Road	DARBY	1999	77	$8,483.90
☐	2) Painted Rocks SP - Building - Picnic Shelter	8809 West Fork Road	DARBY	1962	120	$13,222.50
☐	2) Painted Rocks SP - Building - Picnic Shelter	8809 West Fork Road	DARBY	1962	176	$19,396.23
☐	2) Painted Rocks SP - Building - Pump House/Storage Shed	8809 West Fork Road	DARBY	1980	56	$7,474.48
☐	2) Wally Crawford FAS - Building - Latrine	S of Hamilton Hwy 93 @ Como	DARBY	1999	77	$8,483.90
☐	1) Lake Mary Ronan SP - Building - Camp Rsv Office	50623 L.M.R. Rd / 7 mi W of Fl	DAYTON	2011	120	$12,687.15
☐	1) Lake Mary Ronan SP - Building - Garage & Shop	50623 L.M.R. Rd / 7 mi W of Fl	DAYTON	2011	320	$13,971.78
☐	1) Lake Mary Ronan SP - Building - Latrine	50623 L.M.R. Rd / 7 mi W of Fl	DAYTON	2010	160	$15,879.90
☐	1) Lake Mary Ronan SP - Building - Latrine	50623 L.M.R. Rd / 7 mi W of Fl	DAYTON	2010	160	$15,879.90
☐	1) Lake Mary Ronan SP - Building - Latrine	50623 L.M.R. Rd / 7 mi W of Fl	DAYTON	1999	160	$8,483.90
☐	1) Lake Mary Ronan SP - Building - Latrine-ADA	50623 L.M.R. Rd / 7 mi W of Fl	DAYTON	2000	77	$8,483.90
☐	1) Lake Mary Ronan SP - Building - Picnic Shelter	50623 L.M.R. Rd / 7 mi W of Fl	DAYTON	2013	375	$356,123.85
☐	7) Tongue River Reservoir SP - Building - Attached Garage	290 Campers Point	DECKER	2011	360	$15,847.65
☐	7) Tongue River Reservoir SP - Building - Concession	290 Campers Point	DECKER	1999	1,500	$82,110.65
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Point	DECKER	2009	77	$7,637.88
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Point	DECKER	2009	77	$7,637.88
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Point	DECKER	2005	77	$7,313.23
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Point	DECKER	2003	77	$7,313.23
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Point	DECKER	2014	77	$17,039.83

☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Point	DECKER	1999	77	$8,483.90
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Point	DECKER	2005	77	$7,313.23
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Point	DECKER	1999	77	$7,313.23
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Point	DECKER	1999	77	$8,483.90
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Point	DECKER	1999	77	$8,483.90
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Point	DECKER	1999	77	$8,483.90
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Point	DECKER	1999	77	$8,483.90
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Point	DECKER	1999	77	$8,483.90
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Point	DECKER	1999	77	$8,483.90
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Point	DECKER	1999	77	$8,483.90
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Point	DECKER	1999	77	$8,483.90
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Point	DECKER	1999	77	$8,483.90
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Point	DECKER	1999	77	$8,483.90
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Point	DECKER	1999	77	$8,483.90
☐	7) Tongue RIver Reservoir SP - Building - Latrine	290 Campers Point	DECKER	1999	77	$8,483.90
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Point	DECKER	1999	77	$7,313.23
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Point	DECKER	2001	77	$6,896.13
☐	7) Tongue River Reservoir SP - Building - Picnic Shelter	290 Campers Point	DECKER	1999	126	$1,181.43
☐	7) Tongue River Reservoir SP - Building - Picnic Shelter	290 Campers Point	DECKER	1999	126	$1,181.43
☐	7) Tongue River Reservoir SP - Building - Picnic Shelter	290 Campers Point	DECKER	1999	252	$27,770.48
☐	7) Tongue River Reservoir SP - Building - Picnic Shelter	290 Campers Point	DECKER	1999	252	$27,770.48
☐	7) Tongue River Reservoir SP - Building - Picnic Shelter	290 Campers Point	DECKER	1999	252	$27,770.48
☐	7) Tongue River Reservoir SP - Building - Picnic Shelter	290 Campers Point	DECKER	1999	252	$27,770.48
☐	7) Tongue River Reservoir SP - Building - Picnic Shelter	290 Campers Point	DECKER	1999	252	$27,770.48
☐	7) Tongue River Reservoir SP - Building - Picnic Shelter	290 Campers Point	DECKER	1999	252	$27,770.48
☐	7) Tongue River Reservoir SP - Building - Picnic Shelter	290 Campers Point	DECKER	1999	252	$27,770.48
☐	7) Tongue River Reservoir SP - Building - Picnic Shelter	290 Campers Point	DECKER	1999	252	$27,770.48
☐	7) Tongue River Reservoir SP - Building - Picnic Shelter	290 Campers Point	DECKER	1990	252	$27,770.48
☐	7) Tongue River Reservoir SP - Building - Prefabricated House	290 Campers Point	DECKER	2003	1,160	$116,890.13

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☐	7) Tongue River Reservoir SP - Building - Prefabricated House 2	290 Campers Point	DECKER	2008	1,160	$21,293.60
☐	7) Tongue River Reservoir SP - Building - Pump House	290 Campers Point	DECKER	2009	100	$12,014.20
☐	7) Tongue River Reservoir SP - Building - Residence -Three Bedroom Log H	290 Campers Point	DECKER	1999	1,296	$120,266.70
☐	7) Tongue River Reservoir SP - Building - Residential	290 Campers Point	DECKER	2010	1,144	$57,210.43
☐	7) Tongue River Reservoir SP - Building - Shed	290 Campers Point	DECKER	2005	80	$3,294.88
☐	7) Tongue River Reservoir SP - Building - Shed	290 Campers Point	DECKER	2017	80	$3,142.23
☐	7) Tongue River Reservoir SP - Building - Shed	290 Campers Point	DECKER	2009	120	$1,124.45
☐	7) Tongue River Reservoir SP - Building - Shed	290 Campers Point	DECKER	2012	288	$12,575.35
☐	7) Tongue River Reservoir SP - Building - Shop/Office	290 Campers Point	DECKER	2009	2,400	$519,305.63
☐	7) Tongue River Reservoir SP - Building - Storage Unit	290 Campers Point	DECKER	1999	240	$12,058.28
☐	7) Tongue River Reservoir SP - Building Pump House - Pee Wee Point	290 Campers Point	DECKER	1999	64	$52,335.30
☐	7) Tongue River Reservoir SP - Fish Cleaning Station	290 Campers Point	DECKER	2004	192	$15,576.75
☐	4) Beckman WMA - Building - Barn	E on Hwy 81, N Alton Rd, R on	DENTON	1935	960	$14,835.00
☐	4) Beckman WMA - Building - Latrine	E on Hwy 81, N Alton Rd, R on	DENTON	2005	77	$7,637.88
☐	4) Beckman WMA - Building - Latrine	E on Hwy 81, N Alton Rd, R on	DENTON	2009	77	$7,637.88
☐	4) Beckman WMA - Building - Residence	E on Hwy 81, N Alton Rd, R on	DENTON	2000	940	$56,526.73
☐	2) Racetrack Pond FAS - Building - Latrine	7.6 mi from Deerlodge	DILLON	2018	77	$6,577.93
☐	3) Bannack SP - Building - A11 Post Office/Jackson House	4200 Bannack Rd	DILLON	1880	944	$342,368.15
☐	3) Bannack SP - Building - A1-2 Office	4200 Bannack Rd	DILLON	1900	256	$93,374.50
☐	3) Bannack SP - Building - A1-3 Elliot House	4200 Bannack Rd	DILLON	1895	468	$117,731.85
☐	3) Bannack SP - Building - A13-1 Grave's House	4200 Bannack Rd	DILLON	1867	2,324	$587,303.68
☐	3) Bannack SP - Building - A13-3 Carriage House	4200 Bannack Rd	DILLON	1875	240	$27,064.20
☐	3) Bannack SP - Building - A13-8 Underwood House	4200 Bannack Rd	DILLON	1870	780	$292,297.88
☐	3) Bannack SP - Building - A1-4 French's Barn	4200 Bannack Rd	DILLON	1881	360	$46,011.08
☐	3) Bannack SP - Building - A16 - Methodist Church	4200 Bannack Rd	DILLON	1877	1,120	$330,187.33
☐	3) Bannack SP - Building - A17-1 Parsonage	4200 Bannack Rd	DILLON	1887	396	$148,854.18
☐	3) Bannack SP - Building - A17-2 House Structure	4200 Bannack Rd	DILLON	1890	990	$270,646.30
☐	3) Bannack SP - Building - A18 Bootlegger Cabin	4200 Bannack Rd	DILLON	1870	680	$238,169.48
☐	3) Bannack SP - Building - A18-2 Marmot Shack	4200 Bannack Rd	DILLON	1898	256	$156,974.73

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☐	3) Bannack SP - Building - A19-1 McManus House	4200 Bannack Rd	DILLON	1890	780	$238,169.48
☐	3) Bannack SP - Building - A19-2 McManus Barn	4200 Bannack Rd	DILLON	1890	434	$9,568.58
☐	3) Bannack SP - Building - A19-3 Kepler's Cabin	4200 Bannack Rd	DILLON	1880	300	$31,008.38
☐	3) Bannack SP - Building - A-21 Knoll House	4200 Bannack Rd	DILLON	1890	576	$227,343.15
☐	3) Bannack SP - Building - A22-1 - Renois House	4200 Bannack Rd	DILLON	1864	418	$102,846.33
☐	3) Bannack SP - Building - A23-2 Thompson Garage	4200 Bannack Rd	DILLON	1890	592	$74,428.70
☐	3) Bannack SP - Building - A25 Anderson House	4200 Bannack Rd	DILLON	1890	628	$151,562.10
☐	3) Bannack SP - Building - A3 - State House	4200 Bannack Rd	DILLON	1865	1,302	$284,180.55
☐	3) Bannack SP - Building - A4 Jackson House	4200 Bannack Rd	DILLON	1870	576	$198,926.60
☐	3) Bannack SP - Building - A5-1 Turner House	4200 Bannack Rd	DILLON	1881	1,300	$349,135.28
☐	3) Bannack SP - Building - A5-2 Marge Griffith House	4200 Bannack Rd	DILLON	1875	360	$9,656.73
☐	3) Bannack SP - Building - A5-3 Daisy Ashworth House	4200 Bannack Rd	DILLON	1880	360	$64,954.73
☐	3) Bannack SP - Building - A6 - Assay Office	4200 Bannack Rd	DILLON	1863	800	$200,277.88
☐	3) Bannack SP - Building - A7-1 Dr. Office	4200 Bannack Rd	DILLON	1863	920	$307,185.55
☐	3) Bannack SP - Building - A7-2 Horse Barn	4200 Bannack Rd	DILLON	1880	840	$52,777.13
☐	3) Bannack SP - Building - A8 - Mead Hotel	4200 Bannack Rd	DILLON	1875	6,464	$2,019,025.23
☐	3) Bannack SP - Building - A9 - Skinner's Saloon	4200 Bannack Rd	DILLON	1862	768	$188,098.13
☐	3) Bannack SP - Building - B10 Gibson House	4200 Bannack Rd	DILLON	1880	720	$220,578.18
☐	3) Bannack SP - Building - B1-1 Brewer's Cabin	4200 Bannack Rd	DILLON	1936	470	$171,861.33
☐	3) Bannack SP - Building - B11 Sod Roof Store	4200 Bannack Rd	DILLON	1880	950	$202,983.65
☐	3) Bannack SP - Building - B12 1st Jail	4200 Bannack Rd	DILLON	1863	330	$124,496.83
☐	3) Bannack SP - Building - B12-1 Crisman Store	4200 Bannack Rd	DILLON	1863	875	$261,174.48
☐	3) Bannack SP - Building - B12-3 2nd Jail	4200 Bannack Rd	DILLON	1865	144	$62,247.88
☐	3) Bannack SP - Building - B1-3 Gov Mansion	4200 Bannack Rd	DILLON	1900	288	$69,013.93
☐	3) Bannack SP - Building - B13-1 Casey House	4200 Bannack Rd	DILLON	1865	1,250	$381,613.18
☐	3) Bannack SP - Building - B13-3 Barn Structure	4200 Bannack Rd	DILLON	1865	1,040	$96,079.20
☐	3) Bannack SP - Building - B14 Apex Mining Office	4200 Bannack Rd	DILLON	1890	480	$200,277.88
☐	3) Bannack SP - Building - B15-1 Rettallack House	4200 Bannack Rd	DILLON	1870	624	$212,459.78
☐	3) Bannack SP - Building - B15-2 Cabin Structure	4200 Bannack Rd	DILLON	1870	225	$31,125.55

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☐	3) Bannack SP - Building - B16-1 Griffith House	4200 Bannack Rd	DILLON	1905	964	$217,872.40
☐	3) Bannack SP - Building - B16-2 Fire House	4200 Bannack Rd	DILLON	1900	360	$102,846.33
☐	3) Bannack SP - Building - B17 Bessette House	4200 Bannack Rd	DILLON	1864	1,500	$303,125.28
☐	3) Bannack SP - Building - B18-1 Decker House	4200 Bannack Rd	DILLON	1908	902	$215,164.48
☐	3) Bannack SP - Building - B2 Mathew's House	4200 Bannack Rd	DILLON	1880	1,008	$234,109.20
☐	3) Bannack SP - Building - B20 Apex Mill	4200 Bannack Rd	DILLON	1915	1,312	$1,008,160.80
☐	3) Bannack SP - Building - B3-1 Graeter House	4200 Bannack Rd	DILLON	1865	1,100	$304,479.78
☐	3) Bannack SP - Building - B3-2 Blacksmith Shop	4200 Bannack Rd	DILLON	1865	480	$54,129.48
☐	3) Bannack SP - Building - B4-1 Ryburn House	4200 Bannack Rd	DILLON	1890	792	$278,764.70
☐	3) Bannack SP - Building - B5-1 Carhart House	4200 Bannack Rd	DILLON	1862	1,075	$278,764.70
☐	3) Bannack SP - Building - B6 Masonic Lodge/School	4200 Bannack Rd	DILLON	1874	1,536	$422,209.48
☐	3) Bannack SP - Building - B7 Warnecke Cabin	4200 Bannack Rd	DILLON	1880	390	$120,439.78
☐	3) Bannack SP - Building - B8 House Structure	4200 Bannack Rd	DILLON	1880	828	$99,580.48
☐	3) Bannack SP - Building - B9 Montana Hotel	4200 Bannack Rd	DILLON	1864	1,584	$472,280.83
☐	3) Bannack SP - Building - Bachelor Row A 13-4	4200 Bannack Rd	DILLON	1862	144	$41,949.73
☐	3) Bannack SP - Building - Bachelor Row A 13-5	4200 Bannack Rd	DILLON	1862	196	$78,487.90
☐	3) Bannack SP - Building - Bachelor Row A 13-6	4200 Bannack Rd	DILLON	1862	256	$48,717.93
☐	3) Bannack SP - Building - Bachelor Row A 14-1	4200 Bannack Rd	DILLON	1865	169	$55,485.05
☐	3) Bannack SP - Building - Bachelors Row A13-7	4200 Bannack Rd	DILLON	1865	512	$108,971.68
☐	3) Bannack SP - Building - Group Use Shelter	4200 Bannack Rd	DILLON	2012	2,400	$253,759.13
☐	3) Bannack SP - Building - Gunninson Latrine ADA	4200 Bannack Rd	DILLON	2002	77	$8,483.90
☐	3) Bannack SP - Building - Gunnison CXT Latrine ADA	4200 Bannack Rd	DILLON	2007	77	$7,637.88
☐	3) Bannack SP - Building - Gunnison Latrine	4200 Bannack RD	DILLON	2004	77	$7,637.88
☐	3) Bannack SP - Building - Gunnison Latrine	4200 Bannack Rd	DILLON	2002	77	$7,637.88
☐	3) Bannack SP - Building - Latrine	4200 Bannack Rd	DILLON	2005	77	$8,483.90
☐	3) Bannack SP - Building - Latrine	4200 Bannack Rd	DILLON	1997	77	$8,483.90
☐	3) Bannack SP - Building - Latrine	4200 Bannack Rd	DILLON	2005	221	$19,795.05
☐	3) Bannack SP - Building - Manager's Residence	4200 Bannack Rd	DILLON	1905	760	$212,023.33
☐	3) Bannack SP - Building - Pole Barn	4200 Bannack Rd	DILLON	2017	768	$30,160.20

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☐	3) Bannack SP - Building - Shed	4200 Bannack Rd	DILLON	2013	140	$10,179.18
☐	3) Bannack SP - Building - Shop & Maintenance	4200 Bannack Rd	DILLON	1997	1,503	$224,494.40
☐	3) Bannack SP - Building - Sudberry House A22-2	4200 Bannack Rd	DILLON	1890	450	$121,788.90
☐	3) Bannack SP - Building - Thompson House	4200 Bannack Rd	DILLON	1890	729	$193,315.10
☐	3) Bannack SP - Building - Visitor Center	4200 Bannack Rd	DILLON	1870	960	$265,234.75
☐	3) Blaktail Meadows FAS - Building - Latrine ADA	Dillon I-15 interchange to N of	DILLON	1994	77	$8,483.90
☐	3) Clarks Lookout SP - Building - Latrine	25 Clark's Lookout Rd	DILLON	2004	77	$12,488.28
☐	3) Dillon Field Office - Building - Leased - 5311	730 N. Montana	DILLON		230	$20,803.40
☐	3) Glen FAS - Building - Latrine	19 mi N of Dillon to Glen exit, 6	DILLON	1996	77	$8,483.90
☐	3) Gravelly-Blacktail WMA - Building - Cabin	S of Dillon on Rd 202	DILLON	1972	240	$27,058.83
☐	3) Gravelly-Blacktail WMA - Building - Cabin	S of Dillon on Rd 202	DILLON	1972	240	$22,449.23
☐	3) Gravelly-Blacktail WMA - Building - Latrine ADA	Dillon I-15 interchange to N of	DILLON	2000	77	$8,483.90
☐	3) Gravelly-Blacktail WMA - Building - Latrine ADA	Dillon I-15 interchange to N of	DILLON	2000	77	$8,483.90
☐	3) Gravelly-Blacktail WMA - Building - Quonset Hut	S of Dillon on Rd 202	DILLON	1972	1,250	$140,937.88
☐	3) Henneberry FAS - Building - Latrine ADA	14 mi S Dillon I-15, Recreation	DILLON	1999	77	$8,483.90
☐	3) Pipe Organ FAS - Building - Latrine	14 mi S of Dillon on I 15 to Daly	DILLON	2003	77	$7,313.23
☐	3) Poindexter Slough FAS - Building - Latrine	3 mi S of Dillon on MT 41	DILLON	1999	77	$8,483.90
☐	3) George Grant Memorial FAS - Building - Latrine	7 mi W of Divide on State Hwy	DIVIDE	1997	77	$8,483.90
☐	3) Powerhouse FAS - Building - Latrine	2.5 mi W of Divide on State Hw	DIVIDE	2010	77	$12,166.85
☐	2) Spotted Dog WMA - Building - Modular Home	nearest town Elliston	ELLISTON	1974	2,000	$145,416.33
☐	3) Dailey Lake FAS - Building - Latrine ADA	1 mi E of Emigrant, 4 mi S on #	EMIGRANT	1994	77	$8,483.90
☐	3) Dailey Lake FAS - Building - Latrine ADA	1 mi E of Emigrant, 4 mi S on #	EMIGRANT	2002	77	$8,483.90
☐	3) Dailey Lake FAS - Building - Latrine ADA	1 mi E of Emigrant, 4 mi S on #	EMIGRANT	1999	77	$7,313.23
☐	3) Dailey Lake FAS - Building - Latrine ADA	1 mi E of Emigrant, 4 mi S on #	EMIGRANT	1994	77	$8,483.90
☐	3) Dailey Lake FAS - Building - Latrine ADA	1 mi E of Emigrant, 4 mi S on #	EMIGRANT	1999	77	$8,483.90
☐	3) Emigrant FAS - Building - Latrine ADA	22 mi S of Livingston Hwy 89 to	EMIGRANT	1999	77	$8,483.90
☐	3) Gallatin WMA - Building - Game Check Station	SW of Emigrant off Hwy 89	EMIGRANT	1988	132	$11,133.78
☐	3) Gallatin WMA - Building - Latrine ADA	SW of Emigrant off Hwy 89	EMIGRANT	1999	77	$8,483.90
☐	3) Gallatin WMA - Building - Log Bunkhouse	SW of Emigrant off Hwy 89	EMIGRANT	1951	391	$11,400.38

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☐	3) Gallatin WMA - Building - Log Cabin & Shop	SW of Emigrant off Hwy 89	EMIGRANT	1961	391	$11,400.38
☐	3) Gallatin WMA - Building - Log House	SW of Emigrant off Hwy 89	EMIGRANT	1951	1,300	$78,170.78
☐	3) Gallatin WMA - Building - Quonset Storage	SW of Emigrant off Hwy 89	EMIGRANT	1955	1,664	$84,301.50
☐	3) Grey Owl FAS - Building - Latrine ADA	3 mi N of Emigrant on Hwy 89	EMIGRANT	1999	77	$8,483.90
☐	3) Burnt Tree Hole FAS - Building - Latrine	1 mi W of Ennis Hwy 287, 2 mi	ENNIS	1996	77	$8,483.90
☐	3) Eight Mile Ford FAS - Building - Latrine ADA	1 mi W of Ennis Hwy 287, 4 mi	ENNIS	1999	77	$8,483.90
☐	3) Ennis FAS - Building - Latrine	.5 mi SE on Hwy 287	ENNIS	1999	77	$8,483.90
☐	3) Ennis FAS - Building - Latrine ADA	.5 mi SE on Hwy 287	ENNIS	1999	77	$8,483.90
☐	3) Ennis FAS - Building - Latrine ADA	.5 mi SE on Hwy 287	ENNIS	1999	77	$8,483.90
☐	3) McAtee Bridge FAS - Building - Latrine ADA	30 mi S of Ennis on Hwy 287, 1	ENNIS	1989	77	$8,483.90
☐	3) Meadow Lake FAS - Building - Latrine ADA	6 mi N of Ennis on Hwy 287 to	ENNIS	1999	77	$8,483.90
☐	3) Valley Garden FAS - Building - Latrine	Hwy 287, .25 mi S of Ennis, pos	ENNIS	2004	77	$7,313.23
☐	3) Valley Garden FAS - Building - Latrine ADA	Hwy 287, .25 mi S of Ennis, pos	ENNIS	1994	77	$8,483.90
☐	3) Varney Bridge FAS - Building - Latrine ADA	1 mi W of Ennis Hwy 287, 4 mi	ENNIS	1991	77	$8,483.90
☐	3) Wall Creek WMA - Building - Barn	US Hwy 87 S of Ennis 31 mi to	ENNIS	1961	2,688	$44,371.70
☐	3) Wall Creek WMA - Building - Check Station	US Hwy 87 S of Ennis 31 mi to	ENNIS	1981	384	$34,906.33
☐	3) Wall Creek WMA - Building - Office /Dwelling	US Hwy 87 S of Ennis 31 mi to	ENNIS	1963	1,344	$294,448.95
☐	3) Wall Creek WMA - Building - Storage	US Hwy 87 S of Ennis 31 mi to	ENNIS	2003	2,160	$36,186.65
☐	1) Glen Lake FAS - Building - Latrine	6 mi S of Eureka Hwy 93, then	EUREKA	1999	77	$8,483.90
☐	1) Sophie Lake FAS - Building - Latrine	4 mi W of Eureka on Hwy 34, 4	EUREKA	2000	77	$8,483.90
☐	1) Tetrault Lake FAS - Building - Latrine	4 mi NW of Eureks Hwy 37 to p	EUREKA	2004	77	$8,157.10
☐	4) Freezout Lake WMA - Building	2830 US Hwy 89	FAIRFIELD	1981	1,200	$4,940.70
☐	4) Freezout Lake WMA - Building - Barn	2830 US Hwy 89	FAIRFIELD	1954	864	$14,262.03
☐	4) Freezout Lake WMA - Building - Boat Shed	2830 US Hwy 89	FAIRFIELD	1954	160	$6,726.28
☐	4) Freezout Lake WMA - Building - Cold Storage	2830 US Hwy 89	FAIRFIELD	2019	2,400	$90,089.30
☐	4) Freezout Lake WMA - Building - Garage	2830 US Hwy 89	FAIRFIELD	1958	528	$28,599.30
☐	4) Freezout Lake WMA - Building - Garage for Dwelling	2830 US Hwy 89	FAIRFIELD	1966	384	$20,799.10
☐	4) Freezout Lake WMA - Building - Grain Tank	2830 US Hwy 89	FAIRFIELD	1980	180	$4,490.28
☐	4) Freezout Lake WMA - Building - Latrine ADA	2830 US Hwy 89	FAIRFIELD	1993	77	$8,483.90

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☐	4) Freezout Lake WMA - Building - Latrine ADA	2830 US Hwy 89	FAIRFIELD	1993	77	$8,483.90
☐	4) Freezout Lake WMA - Building - Latrine ADA	2830 US Hwy 89	FAIRFIELD	1993	77	$8,483.90
☐	4) Freezout Lake WMA - Building - Latrine ADA	2830 US Hwy 89	FAIRFIELD	1996	77	$7,313.23
☐	4) Freezout Lake WMA - Building - Office Shop & Garage	2830 US Hwy 89	FAIRFIELD	1968	2,560	$138,659.95
☐	4) Freezout Lake WMA - Building - Shed	2830 US Hwy 89	FAIRFIELD	1966	120	$5,043.90
☐	4) Freezout Lake WMA - Building - Shop	2830 US Hwy 89	FAIRFIELD	1968	1,800	$97,496.05
☐	4) Freezout Lake WMA - Building - Storage Shed	2830 US Hwy 89	FAIRFIELD	1954	288	$3,324.98
☐	5) Rosebud Isle FAS - Building - Latrine	Hwy 419 @ Fishtail, follow sign	FISHTAIL	1996	77	$8,483.90
☐	6) Snowden Bridge FAS - Building - Latrine ADA	12 mi N of Fairview, 25 mi N of	FLAXVILLE	2007	77	$7,313.23
☐	6) Whitetail Reservoir FAS - Building - Latrine	7 mi N of Flaxville on Hwy 511	FLAXVILLE	2015	77	$6,896.13
☐	2) Florence Bridge FAS - Building - Latrine	Florence, 1 mi E on MT Hwy 20	FLORENCE	1999	77	$8,483.90
☐	7) Rosebud East Unit FAS - Building - Latrine	I-94 exit 95, NW in Forsyth, .5	FORSYTH	1999	77	$8,483.90
☐	7) Rosebud East Unit FAS - Building - Shed	I-94 exit 95, NW in Forsyth, .5	FORSYTH	2005	160	$5,975.93
☐	7) Rosebud West Unit FAS - Building - Latrine	I-94 Exit 93 N, 0.75 mi on Hwy	FORSYTH	1996	77	$7,313.23
☐	4) Lake Francis FAS - Building - Fish Cleaning Station	Lake Francis FAS	FORT PECK	1985	384	$31,151.35
☐	6) Fort Peck Dredge Cuts FAS - Building - Picnic Shelter	5 mi NE of Ft Peck on Hwy 117	FORT PECK	1981	252	$27,770.48
☐	6) Fort Peck Hatchery - Building - Residence	7 W Kansas	FORT PECK	1967	1,100	$106,218.60
☐	6) Fort Peck Reservoir - Building - Garage	COE Administration Bldg,East K	FORT PECK	1955	684	$34,654.78
☐	6) Fort Peck Reservoir - Building - Heated Shop	COE Administration Bldg,East K	FORT PECK	1997	1,200	$64,997.73
☐	6) Fort Peck Reservoir - Building - Latrine ADA	COE Administration Bldg,East K	FORT PECK	2004	77	$7,313.23
☐	6) Fort Peck Reservoir - Building - Net Storage Building	COE Administration Bldg,East K	FORT PECK	1978	240	$12,160.40
☐	6) Missouri River - Building - Shed	Winter Habor Rd	FORT PECK	2008	160	$6,589.75
☐	6) Missouri River - Building - Shed	Winter Habor Rd	FORT PECK	2008	160	$6,589.75
☐	6) Missouri River - Building - Shed	Winter Habor Rd	FORT PECK	2008	160	$6,589.75
☐	6) Rock Creek FAS - Building - Fish Cleaning Station	30 mi S of Fort Peck Hwy 24, 7	FORT PECK	2006	384	$31,149.20
☐	6) Rock Creek FAS - Building - Latrine	30 mi S of Fort Peck Hwy 24, 7	FORT PECK	1995	77	$8,483.90
☐	6) Rock Creek FAS - Building - Latrine	30 mi S of Fort Peck Hwy 24, 7	FORT PECK	2020	144	$11,346.63
☐	6) School Trust FAS - Building - Latrine	6 mi NW of Ft Peck town site o	FORT PECK	2003	77	$7,313.23
☐	4) Fort Shaw FAS - Building - Latrine	67 N Fort Shaw Rd	FORT SHAW	2007	77	$7,313.23

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☐	2) Frenchtown Pond SP - Building - Comfort Station	18401 Frenchtown	FRENCHTOWN	1995	384	$42,314.15
☐	2) Frenchtown Pond SP - Building - Comfort Station	18401 Frenchtown	FRENCHTOWN	2000	580	$174,503.68
☐	2) Frenchtown Pond SP - Building - Comfort Station	18401 Frenchtown	FRENCHTOWN	2004	580	$199,852.18
☐	2) Frenchtown Pond SP - Building - Entrance Station	18401 Frenchtown	FRENCHTOWN	1995	80	$12,028.18
☐	2) Frenchtown Pond SP - Building - Group Shelter	18401 Frenchtown	FRENCHTOWN	2005	832	$58,232.75
☐	2) Frenchtown Pond SP - Building - Picnic Shelter - Covered	18401 Frenchtown	FRENCHTOWN	2007	144	$10,470.50
☐	2) Frenchtown Pond SP - Building - Picnic Shelter - Covered	18401 Frenchtown	FRENCHTOWN	2007	144	$10,470.50
☐	2) Frenchtown Pond SP - Building - Storage Shed	18401 Frenchtown	FRENCHTOWN	1984	260	$13,169.83
☐	6) Lost Rivers WMA - Building - Barn	27835 Road 145 N	GILDFORD	1935	2,080	$30,775.10
☐	6) Milk River Ranch WMA - Grain Storage Hopper Bin	Milk River	GILDFORD	1994	113	$2,785.33
☐	6) Culbertson Bridge FAS - Building - Latrine ADA	3 mi SE of Culbertson on Hwy 1	GLASGOW	1999	77	$8,483.90
☐	6) Duck Creek FAS - Building - Latrine ADA	2 mi NW of Fork Peck, access o	GLASGOW	2001	77	$8,483.90
☐	6) Duck Creek FAS - Building - Latrine ADA	2 mi NW of Fork Peck, access o	GLASGOW	2001	77	$8,483.90
☐	6) Fort Peck Dredge Cuts FAS - Building - Latrine ADA	5 mi NE of Ft Peck on Hwy 117	GLASGOW	1993	77	$8,483.90
☐	6) Glasgow Base Pond FAS - Building - Latrine ADA	20 mi N of Glasgow on Hwy 24	GLASGOW	2001	77	$8,483.90
☐	6) Regional HQ - Building	1 Airport Rd	GLASGOW	1986	4,369	$649,826.75
☐	6) Regional HQ - Building - Shed	1 Airport Rd	GLASGOW	2009	144	$6,050.10
☐	6) Regional HQ - Building - Shed	1 Airport Rd	GLASGOW	2001	144	$6,050.10
☐	6) Regional HQ - Building - Shed	1 Airport Rd	GLASGOW	2004	192	$8,068.95
☐	6) Regional HQ - Building - Storage - Old HQ	1 Airport Rd	GLASGOW	1955	5,180	$519,999.00
☐	6) Regional HQ - Building - Storage - Three Stall	1 Airport Rd	GLASGOW	2013	3,072	$294,351.13
☐	6) Regional HQ - Building - Storage Facility	Route 1 - 4210	GLASGOW	2002	1,440	$36,037.23
☐	7) Glendive Shooting Range - Building - Shelter	3 mi W of Glendive	GLENDIVE	2008	77	$9,342.83
☐	7) Glendive Shooting Range - Building - Shelter	3 mi W of Glendive	GLENDIVE	2010	1,200	$91,132.05
☐	7) Intake Dam - Building - Mobile Home	Exit 213 off I-94 at Glendive, 16	GLENDIVE	1994	1,000	$98,829.05
☐	7) Intake Dam FAS - Building - Latrine	Exit 213 off I-94 at Glendive, 16	GLENDIVE	2001	77	$6,896.13
☐	7) Intake Dam FAS - Building - Latrine	Exit 213 off I-94 at Glendive, 16	GLENDIVE	1999	77	$9,306.28
☐	7) Intake Dam FAS - Building - Latrine	Exit 213 off I-94 at Glendive, 16	GLENDIVE	2001	77	$7,313.23
☐	7) Intake Dam FAS - Building - Latrine ADA	Exit 213 off I-94 at Glendive, 16	GLENDIVE	2000	77	$8,483.90

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☐	7) Intake Dam FAS - Building - Latrine ADA	Exit 213 off I-94 at Glendive, 16	GLENDIVE	1999	77	$17,630.00
☐	7) Intake Dam FAS - Building - Picnic Shelter	Exit 213 off I-94 at Glendive, 16	GLENDIVE	1985	117	$1,096.50
☐	7) Intake Dam FAS - Building - Picnic Shelter	Exit 213 off I-94 at Glendive, 16	GLENDIVE	1985	117	$1,096.50
☐	7) Intake Dam FAS - Building - Picnic Shelter	Exit 213 off I-94 at Glendive, 16	GLENDIVE	1985	117	$1,096.50
☐	7) Intake Dam FAS - Building - Pump House	Exit 213 off I-94 at Glendive, 16	GLENDIVE	1985	64	$6,941.28
☐	7) Makoshika SP - Building - Dawson Residence	1301 Snyder Ave	GLENDIVE	1978	954	$137,043.15
☐	7) Makoshika SP - Building - Group Use Shelter	1301 Snyder Ave	GLENDIVE	2004	1,800	$198,349.33
☐	7) Makoshika SP - Building - Gunninson Latrine ADA	1301 Snyder Ave	GLENDIVE	2000	77	$8,483.90
☐	7) Makoshika SP - Building - Gunninson Latrine ADA	1301 Snyder Ave	GLENDIVE	2000	77	$8,483.90
☐	7) Makoshika SP - Building - Latrine	1301 Snyder Ave	GLENDIVE	1999	77	$8,483.90
☐	7) Makoshika SP - Building - Latrine	1301 Snyder Ave	GLENDIVE	2004	77	$7,313.23
☐	7) Makoshika SP - Building - Latrine	1301 Snyder Ave	GLENDIVE	2000	77	$8,483.90
☐	7) Makoshika SP - Building - Latrine	1301 Snyder Ave	GLENDIVE	2004	77	$7,313.23
☐	7) Makoshika SP - Building - Latrine	1301 Snyder Ave	GLENDIVE	1999	77	$8,483.90
☐	7) Makoshika SP - Building - Latrine	1301 Snyder Ave	GLENDIVE	2000	77	$8,483.90
☐	7) Makoshika SP - Building - Latrine ADA	1301 Snyder Ave	GLENDIVE	1996	77	$8,483.90
☐	7) Makoshika SP - Building - Latrine ADA	1301 Snyder Ave	GLENDIVE	1994	77	$8,483.90
☐	7) Makoshika SP - Building - Log Cabin	1301 Snyder Ave	GLENDIVE	1930	320	$11,332.65
☐	7) Makoshika SP - Building - Pole Barn	1301 Snyder Ave	GLENDIVE	2008	1,500	$23,180.23
☐	7) Makoshika SP - Building - Shed	1301 Snyder Ave	GLENDIVE	2015	320	$13,176.28
☐	7) Makoshika SP - Building - Shop Building	1301 Snyder Ave	GLENDIVE	1986	672	$34,046.33
☐	7) Makoshika SP - Building - Visitor Center	1301 Snyder Ave	GLENDIVE	1994	6,520	$1,004,673.50
☐	7) Stipek FAS - Building - Latrine	I-94, Exit 213 N, off at Glendive	GLENDIVE	2014	77	$6,896.13
☐	4) Big Bend FAS - Building - Latrine ADA	633 Wilson Butte Rd	GREAT FALLS	2001	77	$8,483.90
☐	4) Falls Creek FAS - Building - Latrine ADA	4803 Giant Springs Rd	GREAT FALLS	2020	77	$6,067.30
☐	4) Giant Springs SP - Building - Comfort Station ADA	4803 Giant Springs Rd	GREAT FALLS	1995	754	$168,433.15
☐	4) Giant Springs SP - Building - Fish Health Lab	4803 Giant Springs Rd	GREAT FALLS	1939	720	$108,236.38
☐	4) Giant Springs SP - Building - Latrine	4803 Giant Springs Rd	GREAT FALLS	1991	77	$6,896.13
☐	4) Giant Springs SP - Building - Latrine	4803 Giant Springs Rd	GREAT FALLS	2002	100	$7,313.23

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☐	4) Giant Springs SP - Building - Picnic shelter	4803 Giant Springs Rd	GREAT FALLS	1991	252	$27,770.48
☐	4) Giant Springs SP - Building - Picnic Shelter	4803 Giant Springs Rd	GREAT FALLS	1991	252	$22,569.63
☐	4) Giant Springs SP - Building - Picnic Shelter	4803 Giant Springs Rd	GREAT FALLS	1991	252	$27,770.48
☐	4) Giant Springs SP - Building - Picnic Shelter	4803 Giant Springs Rd	GREAT FALLS	1991	252	$27,770.48
☐	4) Giant Springs SP - Building - Picnic Shelter	4803 Giant Springs Rd	GREAT FALLS	1991	252	$27,770.48
☐	4) Giant Springs SP - Building - Picnic Shelter	4803 Giant Springs Rd	GREAT FALLS	1991	252	$27,770.48
☐	4) Giant Springs SP - Building - Pump House	4803 Giant Springs Rd	GREAT FALLS	2005	80	$8,679.55
☐	4) Giant Springs SP - Building - Ranger Station	4803 Giant Springs Rd	GREAT FALLS	1971	408	$34,422.58
☐	4) Giant Springs SP - Building - Shed	4803 Giant Springs Rd	GREAT FALLS	2016	288	$11,752.98
☐	4) Giant Springs SP - Building - Shed	4803 Giant Springs Rd	GREAT FALLS	2016	288	$11,752.98
☐	4) Giant Springs Trout Hatchery - Building	4801 Giant Springs Rd	GREAT FALLS	1984	6,164	$2,104,153.40
☐	4) Giant Springs Trout Hatchery - Building - Dwelling No. 3 w/ attached Ga	4813 Giant Springs Rd	GREAT FALLS	1984	1,626	$72,370.08
☐	4) Giant Springs Trout Hatchery - Building - Fish Health Lab & Garage	4801 Giant Springs Rd	GREAT FALLS	2006	1,568	$50,202.50
☐	4) Giant Springs Trout Hatchery - Building - Garage - New	4801 Giant Springs Rd	GREAT FALLS	2003	1,152	$58,361.75
☐	4) Giant Springs Trout Hatchery - Building - New Shop	4801 Giant Springs Rd	GREAT FALLS	1985	2,400	$129,997.60
☐	4) Giant Springs Trout Hatchery - Building - Pump House	4801 Giant Springs Rd	GREAT FALLS	2005	978	$130,545.85
☐	4) Giant Springs Trout Hatchery - Building - Residence #1	4805 Giant Springs Rd	GREAT FALLS	1972	1,152	$52,237.48
☐	4) Giant Springs Trout Hatchery - Building - Residence #2	4809 Giant Springs Rd	GREAT FALLS	1997	1,350	$93,379.88
☐	4) Giant SpringsTrout Hatchery - Building - Mini Barn	4801 Giant Springs Rd	GREAT FALLS	2000	80	$3,294.88
☐	4) Giant SpringsTrout Hatchery - Building - Mini Barn	4801 Giant Springs Rd	GREAT FALLS	2000	96	$3,953.85
☐	4) Morony - Building - Apartments	30 Morony Loop ?	GREAT FALLS	1929	7,626	$1,033,536.18
☐	4) Morony - Building -Garage	30 Morony Loop ?	GREAT FALLS	1929	820	$35,801.80
☐	4) Regional HQ - Building	4600 Giant Springs Rd	GREAT FALLS	2020	2,400	$217,081.20
☐	4) Regional HQ - Building	4600 Giant Springs Rd	GREAT FALLS	1987	8,858	$1,437,699.63
☐	4) Regional HQ - Building - Four Stall Garage	4600 Giant Springs Rd	GREAT FALLS	1939	800	$40,531.80
☐	4) Regional HQ - Building - Shed	4600 Giant Springs Rd	GREAT FALLS	2016	192	$7,834.60
☐	4) Regional HQ - Building - Shop 5 Bay	4600 Giant Springs Rd	GREAT FALLS	1986	6,700	$348,946.08
☐	4) Regional HQ - Building - Storage - Unheated - Six Stall	4600 Giant Springs Rd	GREAT FALLS	2004	3,224	$208,479.05
☐	4) Tiber Reservoir FAS - Fish Cleaning Station	Tiber Rsv	GREAT FALLS	1999	400	$108,257.88

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☐	4) White Bear FAS - Building - Latrine	163 Hawk Dr	GREAT FALLS	2008	77	$7,313.23
☐	5) Arapooish FAS - Building - Latrine ADA	.5 mi N of Hardin on Hwy 47, 2	HARDIN	1988	77	$8,483.90
☐	5) General Custer FAS - Building - Latrine	12.5 N of Hardin on Hwy 47	HARDIN	2006	77	$8,157.10
☐	5) Grant Marsh FAS - Building - Latrine	3.7 mi N of Hardin on Hwy 47,	HARDIN	2008	77	$7,313.23
☐	5) Two Leggins FAS - Building - Latrine	6.5 mi S of Hardin on Hwy 313	HARDIN	2008	77	$7,313.23
☐	5) Harlowton FAS - Building - Latrine	1/2 mi S of Harlowton via State	HARLOWTON	2008	77	$7,313.23
☐	5) Selkirk FAS - Building - Latrine ADA	19 mi W of Harlowton on Hwy	HARLOWTON	2000	77	$8,483.90
☐	3) Harrison Lake FAS - Building - Latrine	4 mi E Harrison on County Rd	HARRISON	1996	77	$8,483.90
☐	3) Harrison Lake FAS - Building - Latrine	4 mi E Harrison on County Rd	HARRISON	1996	77	$8,483.90
☐	3) Harrison Lake FAS - Building - Latrine ADA	4 mi E Harrison on County Rd	HARRISON	1996	77	$8,483.90
☐	3) Harrison Lake FAS - Building - Latrine ADA	4 mi E Harrison on County Rd	HARRISON	1999	77	$8,483.90
☐	6) Bailey Reservoir FAS - Building - Latrine	17 miles west of Havre on Hwy	HAVRE	2013	77	$7,313.23
☐	6) Bailey Reservoir FAS - Building - Picnic Shelter	17 mi W of Havre on Hwy 2	HAVRE	2013	144	$10,470.50
☐	6) Bailey Reservoir FAS - Building - Picnic Shelter	17 mi W of Havre on Hwy 2	HAVRE	2017	280	$2,598.28
☐	6) Bear Paw Lake FAS - Building - Latrine ADA	16 mi S of Havre on Hwy 234	HAVRE	2005	77	$7,637.88
☐	6) Bear Paw Lake FAS - Building - Latrine ADA	16 mi S of Havre on Hwy 234	HAVRE	1999	77	$8,483.90
☐	6) Bear Paw Lake FAS - Building - Latrine ADA	16 mi S of Havre Hwy on 234	HAVRE	1994	77	$8,483.90
☐	6) Bear Paw Lake FAS - Building - Latrine ADA	16 mi S of Havre on Hwy 234	HAVRE	2001	77	$8,483.90
☐	6) Bear Paw Lake FAS - Building - Latrine ADA	16 mi S of Havre on Hwy 234	HAVRE	1999	77	$8,483.90
☐	6) Bear Paw Lake FAS - Building - Shelter House	16 miles south of Havre on Hw	HAVRE	1979	1,081	$104,698.55
☐	6) Faber Reservoir FAS - Building - Latrine	20 mi S of Chinook on Hwy 240	HAVRE	2015	77	$6,896.13
☐	6) Havre Area Resource Office - Building - Shed	2165 Hwy 2 E	HAVRE	2006	144	$5,929.70
☐	6) Havre Area Resource Office - Building - Shed	2165 Hwy 2 E	HAVRE	2006	144	$5,929.70
☐	6) Havre Area Resource Office - Building - Shed	2165 Hwy 2 E	HAVRE	2006	144	$5,929.70
☐	6) Rookery WMA - Building - Metal Euipmnt Storage	N on Wildhorse Rd .5 mi, left o	HAVRE	1976	1,800	$27,058.83
☐	3) Helena Area Resource Office - Building	930 Custer Ave W	HELENA	1974	2,010	$262,057.05
☐	3) Helena Area Resource Office - Building - Cooler	930 Custer Ave W	HELENA	1993	909	$68,410.85
☐	3) Helena Area Resource Office - Building - Enforcement Shed	930 Custer Ave W	HELENA	2003	320	$18,957.63
☐	4) Black Sandy SP - Building	6563 Hauser Dam Rd	HELENA	2012	384	$81,952.63

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☐	4) Black Sandy SP - Building - Camp Rsv Office	6563 Hauser Dam Rd	HELENA	2011	96	$10,151.23
☐	4) Black Sandy SP - Building - Comfort station	6563 Hauser Dam Rd	HELENA	1994	560	$106,012.20
☐	4) Black Sandy SP - Building - Latrine	6563 Hauser Dam Rd	HELENA	1997	77	$8,483.90
☐	4) Black Sandy SP - Building - Latrine ADA	6563 Hauser Dam Rd	HELENA	1995	77	$8,483.90
☐	4) Black Sandy SP - Building - Latrine ADA	6563 Hauser Dam Rd	HELENA	1994	77	$8,483.90
☐	4) Black Sandy SP - Building - Latrine ADA	6563 Hauser Dam Rd	HELENA	1995	77	$8,483.90
☐	4) Causeway FAS - Building - Latrine ADA	5477 Lake Helena Dr	HELENA	1994	77	$8,483.90
☐	4) Causeway FAS - Building - Picnic Shelter	5477 Lake Helena Dr	HELENA	2018	64	$2,179.03
☐	4) Causeway FAS - Building - Picnic Shelter	5477 Lake Helena Dr	HELENA	2018	64	$543.95
☐	4) Causeway FAS - Building - Picnic Shelter	5477 Lake Helena Dr	HELENA	2018	256	$2,179.03
☐	4) Helena Area Resource Office - Building - Shed	930 Custer Ave W	HELENA	2012	128	$5,588.93
☐	4) Helena Area Resource Office - Building - Shed	930 Custer Ave W	HELENA	2020	320	$11,592.80
☐	4) Helena Area Resource Office - Building - Storage	930 Custer Ave W	HELENA	1974	140	$14,803.83
☐	4) Helena Area Resource Office - Building - Storage/Shop	930 Custer Ave W	HELENA	1969	1,782	$20,670.10
☐	4) Helena Regulating Reservoir FAS - Building - Latrine ADA	8 mi NE of Helena on York Rd,	HELENA	2005	77	$7,313.23
☐	4) Helena Regulating Reservoir FAS - Building - Latrine ADA	8 mi NE of Helena on York Rd,	HELENA	1999	77	$8,483.90
☐	4) Helena Regulating Reservoir FAS - Building - Latrine ADA	8 mi NE of Helena on York Rd,	HELENA	2000	96	$10,579.08
☐	4) Helena Regulating Reservoir FAS - Building - Picnic Shelter	8 mi NE of Helena on York Rd,	HELENA	2017	484	$4,490.28
☐	4) Helena Regulating Reservoir FAS - Building - Picnic Shelter	8 mi NE of Helena on York Rd,	HELENA	2017	484	$4,490.28
☐	4) Regional HQ - Fisheries - Building - Shed	930 Custer Ave W	HELENA	2019	68	$581.58
☐	4) Spring Meadow Lake SP - Building - Comfort Station	2715 Country Club Dr	HELENA	2014	936	$247,700.43
☐	4) Spring Meadow Lake SP - Building - Concession	2715 Country Club Dr	HELENA	1990	80	$6,752.08
☐	4) Spring Meadow Lake SP - Building - Group Use Shelter	2715 Country Club Dr	HELENA	2007	1,200	$224,019.25
☐	4) Spring Meadow Lake SP - Building - Latrine	2715 Country Club Dr	HELENA	2007	98	$10,382.35
☐	4) Spring Meadow Lake SP - Building - Latrine	2715 Country Club Dr	HELENA	2007	98	$10,382.35
☐	4) Spring Meadow Lake SP - Building - Picnic Shelter	2715 Country Club Dr	HELENA	2008	168	$12,759.18
☐	4) Spring Meadow Lake SP - Building - Picnic Shelter	2715 Country Club Dr	HELENA	2008	168	$12,759.18
☐	4) Spring Meadow Lake SP - Building - Picnic Shelter	2715 Country Club Dr	HELENA	2008	168	$12,759.18
☐	4) Spring Meadow Lake SP - Building - Picnic Shelter	2715 Country Club Dr	HELENA	2008	168	$12,759.18

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☐	4) Upper Prickley Pear FAS - Building - Latrine	7 mi E of Helena, 4 mi to York r	HELENA	2015	77	$6,896.13
☐	4) Upper Prickley Pear FAS - Building - Stone Milk House	7 mi E of Helena, 4 mi to York r	HELENA	1915	384	$3,285.20
☐	4) York Bridge FAS - Building - Latrine	6291 York Rd	HELENA	2004	77	$7,313.23
☐	4) York Bridge FAS - Building - Latrine ADA	6291 York Rd	HELENA	1992	77	$8,483.90
☐	8) MT Wildlife Center - Building - Animal Rehab w/cvrd pens	2668 Broadwater	HELENA	2003	1,536	$507,537.60
☐	8) MT Wildlife Center - Building - Bear Encloser	2668 Broadwater	HELENA	2002	208	$23,451.13
☐	8) MT Wildlife Center - Building - Canine Encloser	2668 Broadwater	HELENA	2002	208	$23,451.13
☐	8) MT Wildlife Center - Building - Cat Encloser	2668 Broadwater	HELENA	2002	208	$23,451.13
☐	8) MT Wildlife Center - Building - Ed Center	2668 Broadwater	HELENA	1890	7,400	$2,352,709.53
☐	8) MT Wildlife Center - Building - Hexagonal Gazebo	2668 Broadwater	HELENA	2018	382	$2,189.78
☐	8) MT Wildlife Center - Building - Latrine	2668 Broadwater	HELENA	2011	450	$47,580.58
☐	8) MT Wildlife Center - Building - Mew	2668 Broadwater	HELENA	2012	128	$9,306.28
☐	8) MT Wildlife Center - Building - Mew	2668 Broadwater	HELENA	2012	192	$13,959.95
☐	8) MT Wildlife Center - Building - Mew	2668 Broadwater	HELENA	2012	192	$13,959.95
☐	8) MT Wildlife Center - Building - Shed	2668 Broadwater	HELENA	2009	54	$2,463.90
☐	8) MT Wildlife Center - Building - Shed	2668 Broadwater	HELENA	2009	54	$2,463.90
☐	8) MT Wildlife Center - Building - Shed	2668 Broadwater	HELENA	2009	54	$2,463.90
☐	8) MT Wildlife Center - Building - Youth Archery Range Shelter	2668 Broadwater	HELENA	2011	576	$41,877.70
☐	8) MT Wildlife Center - Building - Youth Archery Range Shelter	2668 Broadwater	HELENA	2015	1,152	$28,284.33
☐	8) MT Wildlife Center- Building - Mew	2668 Broadwater	HELENA	2012	128	$9,306.28
☐	9) D&C - Building - Shed	930 Custer Ave W	HELENA	2014	128	$5,270.73
☐	9) Hangar No. 5 - Airport - Building	2740 Airport Rd	HELENA	1981	2,000	$135,298.43
☐	9) Hangar No. 5 - Airport - Building - Shed	2740 Airport Rd	HELENA	2016	80	$3,264.78
☐	9) Hangar No. 6 - Airport - Building	2740 Airport Rd	HELENA	1987	3,600	$243,540.18
☐	9) Helena Centralized Support Services - Building - Magazine Print Shop/M	930 Custer Ave W	HELENA	1956	2,964	$363,641.33
☐	9) Helena Centralized Support Services - Building - Shed	930 Custer Ave W	HELENA	2016	128	$5,222.35
☐	9) Helena Centralized Support Services - Building - Storage Shed	930 Custer Ave W	HELENA	2010	128	$9,721.23
☐	9) Helena Centralized Support Services - Building - Storage/Log	930 Custer Ave W	HELENA	1981	255	$12,918.28
☐	9) Helena Centralized Support Services - Building - Storage/Stone	930 Custer Ave W	HELENA	1900	420	$21,279.63

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☐	9) Helena Centralized Support Services - Building - Warehouse & Auto Sho	930 Custer Ave W	HELENA	1952	4,800	$259,990.90
☐	9) Helena Centralized Support Services - Building - Warehouse/Metal	930 Custer Ave W	HELENA	1960	6,000	$90,198.95
☐	9) Helena Centralized Support Services - Building Wood Shop Shed (new)	930 Custer Ave W	HELENA	2003	192	$9,726.60
☐	9) Helena Centralized Support Services -Building - Wood Shop/Storage	930 Custer Ave W	HELENA	1952	3,150	$265,755.05
☐	9) Portable Office/Storage w/Solar Panels - Building	930 Custer Ave W	HELENA	2017	312	$29,671.08
☐	9) Portable Office/Storage w/Solar Panels - Building	930 Custer Ave W	HELENA	2017	312	$29,671.08
☐	9) Portable Office/Storage w/Solar Panels - Building	930 Custer Ave W	HELENA	2017	312	$29,671.08
☐	9) Portable Office/Storage w/Solar Panels - Building	930 Custer Ave W	HELENA	2017	312	$29,671.08
☐	9) Portable Office/Storage w/Solar Panels - Building	930 Custer Ave W	HELENA	2017	312	$29,671.08
☐	9) Portable Office/Storage w/Solar Panels - Building	930 Custer Ave W	HELENA	2017	312	$29,671.08
☐	9) Portable Office/Storage w/Solar Panels - Building	930 Custer Ave W	HELENA	2017	312	$29,671.08
☐	9) Portable Office/Storage w/Solar Panels - Building	930 Custer Ave W	HELENA	2017	312	$29,671.08
☐	9) Portable Office/Storage w/Solar Panels - Building	930 Custer Ave W	HELENA	2017	312	$29,671.08
☐	9) Portable Office/Storage w/Solar Panels - Building	930 Custer Ave W	HELENA	2017	312	$29,671.08
☐	9) Portable Office/Storage w/Solar Panels - Building	930 Custer Ave W	HELENA	2017	312	$29,671.08
☐	9) Portable Office/Storage w/Solar Panels - Building	930 Custer Ave W	HELENA	2017	312	$29,671.08
☐	9) Portable Office/Storage w/Solar Panels - Building	930 Custer Ave W	HELENA	2017	312	$29,671.08
☐	9) Portable Office/Storage w/Solar Panels - Building	930 Custer Ave W	HELENA	2017	312	$29,671.08
☐	9) Portable Office/Storage w/Solar Panels - Building	930 Custer Ave W	HELENA	2017	312	$29,671.08
☐	9) Portable Office/Storage w/Solar Panels - Building	930 Custer Ave W	HELENA	2017	312	$29,671.08
☐	9) Portable Office/Storage w/Solar Panels - Building	930 Custer Ave W	HELENA	2017	312	$29,671.08
☐	9) Regional HQ - Building - Shed	930 Custer Ave W	HELENA	2015	192	$7,904.48
☐	9) Regional HQ - Building - Shed	930 Custer Ave W	HELENA	2019	380	$14,264.18
☐	9) Regional HQ - Fisheries - Building - Shed	930 Custer Ave W	HELENA	2015	192	$7,904.48
☐	9) Regional HQ - Fisheries - Building - Shed	930 Custer Ave W	HELENA	2017	200	$7,853.95
☐	9) Regional HQ - Parks - Building - Shed	930 Custer Ave W	HELENA	2017	160	$6,512.35
☐	9)Regional HQ - Fisheries - Building - Shed	930 Custer Ave W	HELENA	2013	160	$6,984.28
☐	4) Ackley Lake FAS - Building - Latrine ADA	989 Ackley Lake Rd	HOBSON	1999	77	$8,483.90

☐	4) Ackley Lake FAS - Building - Latrine ADA	989 Ackley Lake Rd	HOBSON	1991	77	$8,483.90
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	HOBSON	1991	252	$27,770.48
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	HOBSON	1991	252	$27,770.48
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	HOBSON	1991	252	$550,967.60
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	HOBSON	1991	252	$27,770.48
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	HOBSON	1991	252	$27,770.48
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	HOBSON	1991	252	$27,770.48
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	HOBSON	1991	252	$27,770.48
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	HOBSON	1991	252	$7,516.40
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	HOBSON	1991	252	$27,770.48
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	HOBSON	1991	252	$27,770.48
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	HOBSON	1991	252	$27,770.48
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	HOBSON	1991	252	$27,770.48
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	HOBSON	1991	252	$27,770.48
☐	7) Amelia Island FAS - Building - Latrine	1.5 mi N of Hysham on Pumph	HYSHAM	2015	77	$6,896.13
☐	7) Hell Creek SP - Building - Comfort Station w/Shower	2456 Hell Creek Rd	JORDAN	2002	1,120	$149,299.23
☐	7) Hell Creek SP - Building - Fish Cleaning	2456 Hell Creek Rd	JORDAN	1998	400	$33,748.55
☐	7) Hell Creek SP - Building - Latrine	2456 Hell Creek Rd	JORDAN	1999	77	$8,483.90
☐	7) Hell Creek SP - Building - Latrine	2456 Hell Creek Rd	JORDAN	1999	77	$8,483.90
☐	7) Hell Creek SP - Building - Latrine	2456 Hell Creek Rd	JORDAN	1999	77	$8,483.90
☐	7) Hell Creek SP - Building - Latrine	2456 Hell Creek Rd	JORDAN	2002	77	$7,313.23
☐	7) Hell Creek SP - Building - Latrine	2456 Hell Creek Rd	JORDAN	2002	77	$7,313.23
☐	7) Hell Creek SP - Building - Latrine	2456 Hell Creek Rd	JORDAN	2002	77	$7,313.23
☐	7) Hell Creek SP - Building - Latrine	2456 Hell Creek Rd	JORDAN	2008	77	$7,637.88
☐	7) Hell Creek SP - Building - Latrine	2456 Hell Creek Rd	JORDAN	2003	77	$7,313.23
☐	7) Hell Creek SP - Building - Modular Office	2456 Hell Creek Rd	JORDAN	2008	432	$47,708.50
☐	7) Hell Creek SP - Building - Picnic Shelter #1	2456 Hell Creek Rd	JORDAN	2004	144	$10,470.50

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☐	7) Hell Creek SP - Building - Picnic Shelter #1	2456 Hell Creek Rd	JORDAN	2008	144	$10,470.50
☐	7) Hell Creek SP - Building - Picnic Shelter #10	2456 Hell Creek Rd	JORDAN	2008	144	$10,470.50
☐	7) Hell Creek SP - Building - Picnic Shelter #2	2456 Hell Creek Rd	JORDAN	2004	144	$10,470.50
☐	7) Hell Creek SP - Building - Picnic Shelter #3	2456 Hell Creek Rd	JORDAN	2004	144	$10,470.50
☐	7) Hell Creek SP - Building - Picnic Shelter #3	2456 Hell Creek Rd	JORDAN	2008	144	$10,470.50
☐	7) Hell Creek SP - Building - Picnic Shelter #5	2456 Hell Creek Rd	JORDAN	2008	144	$10,470.50
☐	7) Hell Creek SP - Building - Picnic Shelter #6	2456 Hell Creek Rd	JORDAN	2008	144	$10,470.50
☐	7) Hell Creek SP - Building - Picnic Shelter #9	2456 Hell Creek Rd	JORDAN	2008	144	$10,470.50
☐	7) Hell Creek SP - Building - Pole Barn Shop	2456 Hell Creek Rd	JORDAN	2007	1,200	$67,097.20
☐	7) Hell Creek SP - Building - Prefabricated House	2456 Hell Creek Rd	JORDAN	2003	1,160	$116,890.13
☐	7) Hell Creek SP - Building - Prefabricated House	2456 Hell Creek Rd	JORDAN	2003	1,160	$116,890.13
☐	7) Hell Creek SP - Building - Pump House	2456 Hell Creek Rd	JORDAN	1998	36	$3,905.48
☐	7) Hell Creek SP - Building - Shed	2456 Hell Creek Rd	JORDAN	1998	80	$3,294.88
☐	7) Hell Creek SP - Building - Shed	2456 Hell Creek Rd	JORDAN	1998	96	$3,953.85
☐	7) Hell Creek SP - Building - Shed	2456 Hell Creek Rd	JORDAN	2013	288	$12,575.35
☐	7) Hell Creek SP - Fish Cleaning Station	2456 Hell Creek Rd	JORDAN	2013	400	$3,421.73
☐	1) Elmo FAS - Building - Latrine	On Hwy 93 approx 26 mi S of K	KALISPELL	2008	77	$7,637.88
☐	1) Foys Bend FCA - Building - Mobile Home	2200 Steel Bridge Rd	KALISPELL	1990	1,311	$34,434.40
☐	1) Foys Bend FCA - Building - Shed	2200 Steel Bridge Rd	KALISPELL	1980	600	$50,895.88
☐	1) Foys Bend FCA - Building - Shed	2200 Steel Bridge Rd	KALISPELL	2009	672	$53,161.98
☐	1) Foys Bend FCA - Building - Shed	2200 Steel Bridge Rd	KALISPELL	2009	6,000	$53,161.98
☐	1) Foys Bend FCA - Building - Shop	2200 Steel Bridge Rd	KALISPELL	2009	2,048	$53,161.98
☐	1) Island Lake FAS - Building - Latrine	approx 32 mi W on Hwy 2 tow	KALISPELL	2014	77	$6,896.13
☐	1) Kokanee Bend Fas - Building - Latrine	14 mi N of Kalispell on Hwy 20	KALISPELL	2008	77	$6,835.93
☐	1) Lone Pine SP - Building - Garage/Storage	300 Lone Pine Rd	KALISPELL	2010	256	$5,587.85
☐	1) Lone Pine SP - Building - Latrine	300 Lone Pine Rd	KALISPELL	2010	77	$7,637.88
☐	1) Lone Pine SP - Building - Latrine - Aspen Double Vault	300 Lone Pine Rd	KALISPELL	2013	144	$46,374.43
☐	1) Lone Pine SP - Building - Picnic Shelter	300 Lone Pine Rd	KALISPELL	2002	408	$44,956.50
☐	1) Lone Pine SP - Building - Visitor Center	300 Lone Pine Rd	KALISPELL	1982	3,463	$728,794.10

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☐	1) McWenneger Slough FAS - Building - Latrine	4 mi E of Kalispell on Hwy 35,	KALISPELL	2009	77	$7,637.88
☐	1) Old Steel Bridge FAS - Building - Latrine	Located on Flathead River - Hw	KALISPELL	2008	77	$13,094.58
☐	1) Old Steel Bridge FAS - Building - Latrine	Located on Flathead River - Hw	KALISPELL	2008	77	$7,313.23
☐	1) Pressentine FAS - Building - Latrine	7 mi NE of Kalispell on Hwy 20	KALISPELL	2008	77	$7,313.23
☐	1) Regional HQ - Building	490 N Meridian Rd	KALISPELL	1990	16,545	$3,046,166.23
☐	1) Regional HQ - Building - Maintenance Garage	490 N Meridian Rd	KALISPELL	1974	2,000	$108,328.83
☐	1) Regional HQ - Building - Shed	490 N Meridian Rd	KALISPELL	2015	128	$5,222.35
☐	1) Regional HQ - Building - Shed	490 N Meridian Rd	KALISPELL	2004	144	$5,929.70
☐	1) Regional HQ - Building - Storage- Open Face	490 N Meridian Rd	KALISPELL	1984	2,400	$174,498.30
☐	1) Regional HQ - Building - Storage Shed	490 N Meridian Rd	KALISPELL	2004	96	$3,953.85
☐	1) Regional HQ - Building - Storage Shed	490 N Meridian Rd	KALISPELL	2004	96	$3,953.85
☐	1) Regional HQ - Building - Storage Shed	490 N Meridian Rd	KALISPELL	2004	112	$4,612.83
☐	1) Regional HQ - Building - Storage Shed	490 N Meridian Rd	KALISPELL	2004	112	$4,612.83
☐	1) Regional HQ - Building - Storage Shed	490 N Meridian Rd	KALISPELL	2018	120	$4,712.80
☐	1) Regional HQ - Building - Storage Shed	490 N Meridian Rd	KALISPELL	2004	128	$5,270.73
☐	1) Regional HQ - Building - Storage Shed	490 N Meridian Rd	KALISPELL	2004	128	$5,270.73
☐	1) Regional HQ - Building - Storage Shed	490 N Meridian Rd	KALISPELL	2004	160	$6,589.75
☐	1) Regional HQ - Building - Storage Shed	490 N Meridian Rd	KALISPELL	2004	192	$7,904.48
☐	1) Regional HQ - Building - Storage Shed	490 N Meridian Rd	KALISPELL	1979	1,200	$60,794.48
☐	1) Shady Lane Fishing Pond FAS - Building - Latrine	Hwy 35 on the E side of Kalispe	KALISPELL	2007	77	$7,313.23
☐	1) Shady Lane Fishing Pond FAS - Building - Picnic Shelter	Hwy 35 on the E side of Kalispe	KALISPELL	2007	176	$18,321.23
☐	1) Smith Lake FAS - Building -Latrine	7 mi W of Kalispell on Hwy 2 to	KALISPELL	1999	77	$8,483.90
☐	1) Sportsmans Bridge FAS - Building - Latrine	6 mi S of Kalispell Hwy 93 to po	KALISPELL	2000	77	$8,483.90
☐	1) Wild Horse Island SP - Building - Latrine - Composting	Flathead Lake, access via boat	KALISPELL	2003	77	$31,148.13
☐	1) West Shore SP - Building - Entrance Station	17768 Montana Hwy 93	LAKESIDE	2015	96	$63,981.85
☐	1) West Shore SP - Building - Latrine	17768 Montana Hwy 93	LAKESIDE	2013	77	$16,579.73
☐	1) West Shore SP - Building - Latrine	17768 Montana Hwy 93	LAKESIDE	2008	100	$14,965.08
☐	1) West Shore SP - Building - Latrine	17768 Montana Hwy 93	LAKESIDE	2007	100	$13,030.08
☐	1) West Shore SP - Building - Latrine	17768 Montana Hwy 93	LAKESIDE	2007	100	$13,030.08

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☐	1) West Shore SP - Building - Latrine	17768 Montana Hwy 93	LAKESIDE	2008	100	$14,965.08
☐	1) West Shore SP - Building - Latrine	17768 Montana Hwy 93	LAKESIDE	2008	221	$18,321.23
☐	1) West Shore SP - Building - Shed	17768 Montana Hwy 93	LAKESIDE	2015	256	$10,541.45
☐	1) West Shore SP - Building - Storage Garage	17768 Montana Hwy 93	LAKESIDE	2009	384	$16,765.70
☐	1) West Shore SP - Building - Storage Shed	17768 Montana Hwy 93	LAKESIDE	1991	80	$4,052.75
☐	5) Buffalo Mirage FAS - Building - Latrine	I-90 exit 426 on S Clark, E on C	LAUREL	1999	77	$8,483.90
☐	4) Big Casino Creek Reservoir FAS - Building - Latrine ADA	1.5 mi S of Livingston on Big Ca	LEWISTOWN	1995	77	$8,483.90
☐	4) Big Springs Trout Hatchery - Building	2051 Fish Hatchery Rd	LEWISTOWN	1937	10,500	$557,434.80
☐	4) Big Springs Trout Hatchery - Building - Dwelling No. 3	2051 Fish Hatchery Rd	LEWISTOWN	1960	1,161	$102,285.18
☐	4) Big Springs Trout Hatchery - Building - Dwelling No. 4	2051 Fish Hatchery Rd	LEWISTOWN	1960	1,161	$69,814.80
☐	4) Big Springs Trout Hatchery - Building - Fire Equipment	2051 Fish Hatchery Rd	LEWISTOWN	1962	144	$2,166.13
☐	4) Big Springs Trout Hatchery - Building - Garage - Three Bay	2051 Fish Hatchery Rd	LEWISTOWN	1985	912	$46,201.35
☐	4) Big Springs Trout Hatchery - Building - Modular Dwelling	2051 Fish Hatchery Rd	LEWISTOWN	1973	1,200	$72,160.45
☐	4) Big Springs Trout Hatchery - Building - Old	2051 Fish Hatchery Rd	LEWISTOWN	1947	3,047	$154,367.85
☐	4) Big Springs Trout Hatchery - Building - Pump House	2051 Fish Hatchery Rd	LEWISTOWN	1960	60	$8,009.83
☐	4) Big Springs Trout Hatchery - Building - Shed	2051 Fish Hatchery Rd	LEWISTOWN	2012	120	$4,940.70
☐	4) Big Springs Trout Hatchery - Building - Warehouse	2051 Fish Hatchery Rd	LEWISTOWN	1960	4,100	$61,636.20
☐	4) Big Springs Trout Hatchery - Building - Water Supply Enclosure	2051 Fish Hatchery Rd	LEWISTOWN	2001	14,506	$1,054,700.78
☐	4) Big Springs Trout Hatchery - Raceways	2051 Fish Hatchery Rd	LEWISTOWN	1989	5,400	$449,247.88
☐	4) Big Springs Trout Hatchery - Raceways	2051 Fish Hatchery Rd	LEWISTOWN	2013	26,608	$2,019,286.45
☐	4) Brewery Flats FAS - Building - Latrine ADA	1 mi S of Lewistown on Upper	LEWISTOWN	2001	77	$8,483.90
☐	4) Hruska FAS - Building - Latrine ADA	6 mi NW of Lewistown off Han	LEWISTOWN	1999	77	$8,483.90
☐	4) Judith River WMA - Building - Barn	11 mi SW of Utica	LEWISTOWN	1915	1,664	$27,467.33
☐	4) Judith River WMA - Building - Garage	11 mi SW of Utica	LEWISTOWN	1966	1,176	$144,077.95
☐	4) Judith River WMA - Building - Garage & Shop	11 mi SW of Utica	LEWISTOWN	1954	1,128	$61,097.63
☐	4) Judith River WMA - Building - Garage & Storage	11 mi SW of Utica	LEWISTOWN	1954	480	$24,317.58
☐	4) Judith River WMA - Building - Latrine	11 mi SW of Utica	LEWISTOWN	2010	77	$9,251.45
☐	4) Judith River WMA - Building - Log Cabin	11 mi SW of Utica	LEWISTOWN	1935	300	$8,749.43
☐	4) Lazy KB FAS - Building - Latrine	Edge of Lewistown city limits o	LEWISTOWN	2004	77	$7,040.18

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☐	4) Lewistown Area Office - Building - Storage Shed	2358 Airport Rd	LEWISTOWN	2003	48	$1,975.85
☐	4) Lewistown Area Office - Building - Storage Shed	2358 Airport Rd	LEWISTOWN	2000	112	$4,612.83
☐	4) Lewistown Area Office - Building - Storage Shed	2358 Airport Rd	LEWISTOWN	1980	180	$14,183.55
☐	4) Upper Carter Pond FAS - Building - Latrine	6906 US Hwy 91	LEWISTOWN	1996	77	$8,483.90
☐	1) Libby Field Station - Building - Dwelling/Office	385 Fish Hatchery Rd	LIBBY	1939	1,492	$89,717.35
☐	1) Libby Field Station - Building - Feed Room/Storage	385 Fish Hatchery Rd	LIBBY	1939	1,472	$74,571.68
☐	1) Libby Field Station - Building - Feed Storage	385 Fish Hatchery Rd	LIBBY	1969	240	$3,607.70
☐	1) Libby Field Station - Building - Feed Storage	385 Fish Hatchery Rd	LIBBY	2019	2,560	$90,089.30
☐	1) Libby Field Station - Building - Garage	385 Fish Hatchery Rd	LIBBY	1939	494	$22,529.85
☐	1) Libby Field Station - Building - Modular Home	385 Fish Hatchery Rd	LIBBY	2000	1,092	$65,666.38
☐	1) Libby Field Station - Building - Office	385 Fish Hatchery Rd	LIBBY	1940	1,492	$183,046.70
☐	1) Libby Field Station - Building - Shed	385 Fish Hatchery Rd	LIBBY	1999	120	$4,940.70
☐	1) Libby Field Station - Building - Shed	385 Fish Hatchery Rd	LIBBY	1999	160	$6,589.75
☐	1) Libby Field Station - Building - Shed	385 Fish Hatchery Rd	LIBBY	1999	160	$6,589.75
☐	1) Libby Field Station - Building - Shed	385 Fish Hatchery Rd	LIBBY	1999	160	$6,589.75
☐	1) Libby Field Station - Building - Shed	385 Fish Hatchery Rd	LIBBY	1999	200	$8,236.65
☐	1) Libby Field Station - Building - Shed	385 Fish Hatchery Rd	LIBBY	1999	484	$19,928.35
☐	1) Libby Field Station - Building - Storage Shed	385 Fish Hatchery Rd	LIBBY	1999	3,150	$119,936.68
☐	1) Logan Park SP - Building - Comfort Station	77518 US HWY 2	LIBBY	1979	1,068	$117,686.70
☐	1) Logan Park SP - Building - Comfort Station - West Campground	77518 US HWY 2	LIBBY	2002	1,000	$270,646.30
☐	1) Logan Park SP - Building - Pay Station	77518 US HWY 2	LIBBY	2003	42	$7,035.88
☐	1) Logan Park SP - Building - Shed & Host Pad	77518 US HWY 2	LIBBY	2002	320	$72,857.05
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	LIBBY	1997	77	$8,483.90
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	LIBBY	1999	77	$8,483.90
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	LIBBY	2004	77	$8,157.10
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	LIBBY	2008	77	$7,313.23
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	LIBBY	2008	77	$7,313.23
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	LIBBY	1997	77	$7,313.23
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	LIBBY	1997	77	$7,313.23

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☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	LIBBY	1997	77	$7,313.23
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	LIBBY	1997	77	$7,313.23
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	LIBBY	1997	77	$7,313.23
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	LIBBY	1997	77	$6,896.13
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	LIBBY	2004	77	$8,157.10
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	LIBBY	2004	77	$8,157.10
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	LIBBY	2009	77	$7,637.88
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	LIBBY	1997	77	$7,313.23
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	LIBBY	1997	77	$6,896.13
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	LIBBY	1997	77	$6,896.13
☐	1) Thompson Chain of Lakes FAS - Building - Pump House	Hwy 2, 35 mi to 55 mi W of Kali	LIBBY	2010	120	$13,017.18
☐	1) Thompson Chain of Lakes FAS - Building - Pump House	Hwy 2, 35 mi to 55 mi W of Kali	LIBBY	2010	120	$10,347.95
☐	1) Thompson Chain of Lakes FAS - Building - Shed	Hwy 2, 35 mi to 55 mi W of Kali	LIBBY	2010	96	$3,953.85
☐	1) Thompson Chain of Lakes FAS - Building - Shed	Hwy 2, 35 mi to 55 mi W of Kali	LIBBY	2010	96	$3,953.85
☐	4) Lake Helena FAS - Building - Latrine	N on I-15 Approx 7 mi to Lincol	LINCOLN	2009	77	$11,828.23
☐	3) Carters Bridge FAS - Building - Latrine ADA	3 mi S of Livingston Hwy 89, .2	LIVINGSTON	2002	77	$8,483.90
☐	3) Highway 89 Bridge FAS - Building - Latrine	5 mi E of Livingston on I-90, H	LIVINGSTON	2007	77	$7,040.18
☐	3) Livingston - Building - Shed	Hwy 10 N	LIVINGSTON	2012	80	$3,257.25
☐	3) Loch Leven FAS - Building - Latrine ADA	9 mi S on Hwy 89 to post 44, 2	LIVINGSTON	2000	77	$8,483.90
☐	3) Loch Leven FAS - Building - Latrine ADA	9 mi S on Hwy 89 to post 44, 2	LIVINGSTON	1999	77	$8,483.90
☐	3) Mallards Rest FAS - Building - Latrine ADA	13 mi S of Livingston HWY 89 t	LIVINGSTON	1999	77	$8,483.90
☐	3) Mallards Rest FAS - Building - Latrine ADA	13 mi S of Livingston HWY 89 t	LIVINGSTON	2000	77	$8,483.90
☐	3) Pine Creek FAS - Building - Latrine ADA	3 mi S on Hwy 89, 7 mi S on 34	LIVINGSTON	1999	77	$8,483.90
☐	3) Point of Rocks FAS - Building - Latrine	30 mi S of Livingston on Hwy 8	LIVINGSTON	2010	77	$12,053.98
☐	3) Sheep Mountain FAS - Building - Latrine ADA	4 mi E of Livingstn I-90 post 34	LIVINGSTON	1993	77	$8,483.90
☐	5) Big Horn FAS - Building - Latrine ADA	5.7 mi S of St Xavier on Hwy 31	LODGE GRASS	1992	77	$8,483.90
☐	2) Chief Looking Glass FAS - Building - Latrine	6.5 mi S of Lolo on Hwy 93 to C	LOLO	2004	77	$8,157.10
☐	2) Chief Looking Glass FAS - Building - Latrine	6.5 mi S of Lolo on Hwy 93 to C	LOLO	1999	77	$8,483.90
☐	2) Chief Looking Glass FAS - Building - Shed	6.5 mi S of Lolo on Hwy 93 to C	LOLO	2010	80	$3,390.55

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☐	2) Travelers Rest SP - Building - Barn	6717 Hwy 12 W	LOLO	2010	2,257	$140,746.53
☐	2) Travelers Rest SP - Building - Garage	6717 Hwy 12 W	LOLO	2001	1,280	$69,331.05
☐	2) Travelers Rest SP - Building - Implement Shed	6717 Hwy 12 W	LOLO	1990	1,064	$53,903.73
☐	2) Travelers Rest SP - Building - Latrine	6717 Hwy 12 W	LOLO	2003	98	$10,382.35
☐	2) Travelers Rest SP - Building - Latrine	6717 Hwy 12 W	LOLO	1999	144	$18,309.40
☐	2) Travelers Rest SP - Building - Milk House	6717 Hwy 12 W	LOLO	2010	256	$18,613.63
☐	2) Travelers Rest SP - Building - Visitors Center	6717 Hwy 12 W	LOLO	1999	8,904	$647,390.80
☐	2) Travelers Rest SP - Building - Wooden Shed	6717 Hwy 12 W	LOLO	2001	320	$16,208.85
☐	2) Travelers Rest SP - Building - Yurt	6717 Hwy 12 W	LOLO	2005	315	$25,910.73
☐	2) Travelers Rest SP - Dwelling/Administrative Office	6717 Hwy 12 W	LOLO	1989	1,716	$210,532.30
☐	2) Travelers Rest SP - Picnic Shelter - Building - Pavillion Octagon	6717 Hwy 12 W	LOLO	2004	176	$26,040.80
☐	4) Loma Bridge FAS - Building - Latrine ADA	1526 Loma Bridge Fishing Acce	LOMA	1994	77	$8,483.90
☐	4) Loma Bridge FAS - Building - Latrine ADA	1526 Loma Bridge Fishing Acce	LOMA	1994	77	$8,483.90
☐	6) Alkali Creek FAS - Building - Latrine	Located on the Milk River	MALTA	2011	77	$7,313.23
☐	6) Bjornberg Bridge FAS - Building - Group Shelter	7 mi E of Saco on Hwy 2, 4 mi	MALTA	2021	864	$7,133.70
☐	6) Bjornberg Bridge FAS - Building - Latrine ADA	7 mi E of Saco on Hwy 2, 4 mi	MALTA	2004	77	$7,313.23
☐	6) Cole Ponds FAS - Building - Latrine ADA	10 mi NW of Saco on Hwy 243	MALTA	2001	77	$8,483.90
☐	1) Boisverts Camp FAS - Building - Latrine	Kalispell-W on Hwy 2 for 32 mi	MARION	2003	77	$8,483.90
☐	1) Little Bitterroot Lake - Building - Flush Restroom	Little Bitterroot Lake	MARION	1965	960	$105,786.45
☐	1) Little Bitterroot Lake - Building - Main Lodge Hall	Little Bitterroot Lake	MARION	1963	2,738	$170,819.65
☐	4) Martinsdale Reservoir FAS - Building - Latrine	94 Martinsdale Lake Rd	MARTINSDALE	1999	77	$8,483.90
☐	4) Martinsdale Reservoir FAS - Building - Latrine	94 Martinsdale Lake Rd	MARTINSDALE	1999	77	$8,483.90
☐	4) Martinsdale Reservoir FAS - Building - Latrine	94 Martinsdale Lake Rd	MARTINSDALE	1999	77	$8,483.90
☐	4) Martinsdale Reservoir FAS - Building - Latrine	94 Martinsdale Lake Rd	MARTINSDALE	1999	77	$8,483.90
☐	4) Martinsdale Reservoir FAS - Building - Latrine	94 Martinsdale Lake Rd	MARTINSDALE	1999	77	$8,483.90
☐	3) Brownes Bridge FAS - Building - Latrine	6 mi S of Melrose on the Front	MELROSE	1999	77	$8,483.90
☐	3) Maiden Rock FAS - Building - Latrine ADA	I-15 Melrose to post 93, 6 mi N	MELROSE	1999	77	$8,483.90
☐	3) Maiden Rock FAS - Building - Latrine ADA	I-15 Melrose to post 93, 6 mi N	MELROSE	1999	77	$8,483.90
☐	3) Maiden Rock FAS - Building - Latrine ADA	I-15 Melrose to post 93, 6 mi N	MELROSE	1999	77	$7,313.23

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☐	3) Salmon Fly FAS - Building - Latrine ADA	Hwy 15 to Melrose exit, .25 mi	MELROSE	1988	77	$8,483.90
☐	7) Bonfield FAS - Building - Latrine	1.5 mi NW of Miles City Hwy 4	MILES CITY	2015	77	$6,896.13
☐	7) Kinsey Bridge FAS - Building - Latrine	1.5 mi NW of Miles City on Hw	MILES CITY	1996	77	$8,483.90
☐	7) Medicine Rocks SP - Building - Latrine	1141 Hwy 7	MILES CITY	1994	77	$8,483.90
☐	7) Medicine Rocks SP - Building - Latrine	1141 Hwy 7	MILES CITY	2002	77	$7,313.23
☐	7) Medicine Rocks SP - Building - Latrine	1141 Hwy 7	MILES CITY	2002	77	$7,313.23
☐	7) Miles City Fish Hatchery - Building	107 Fish Hatchery Rd	MILES CITY	1959	4,636	$471,865.88
☐	7) Miles City Fish Hatchery - Building - Addition	107 Fish Hatchery Rd	MILES CITY	1999	5,688	$1,907,734.78
☐	7) Miles City Fish Hatchery - Building - East Pump House	101 Fish Hatchery Rd	MILES CITY	1983	72	$5,236.33
☐	7) Miles City Fish Hatchery - Building - East Residence	101 Fish Hatchery Rd	MILES CITY	1983	3,234	$201,668.93
☐	7) Miles City Fish Hatchery - Building - East Residence - Garage	101 Fish Hatchery Rd	MILES CITY	2005	840	$45,499.38
☐	7) Miles City Fish Hatchery - Building - Equipment Storage	107 Fish Hatchery Rd	MILES CITY	1983	1,848	$69,368.68
☐	7) Miles City Fish Hatchery - Building - Fuel Shed	107 Fish Hatchery Rd	MILES CITY	1983	120	$5,241.70
☐	7) Miles City Fish Hatchery - Building - Intake Structure	107 Fish Hatchery Rd	MILES CITY	1980	608	$529,433.20
☐	7) Miles City Fish Hatchery - Building - Pole Barn	107 Fish Hatchery Rd	MILES CITY	2008	3,200	$139,714.53
☐	7) Miles City Fish Hatchery - Building - Shop & Garage	107 Fish Hatchery Rd	MILES CITY	1988	2,016	$94,636.55
☐	7) Miles City Fish Hatchery - Building - Slipfit	107 Fish Hatchery Rd	MILES CITY	2014	3,840	$161,396.20
☐	7) Miles City Fish Hatchery - Building - West Pump House	89 Fish Hatchery Rd	MILES CITY	1983	72	$5,236.33
☐	7) Miles City Fish Hatchery - Building - West Residence	89 Fish Hatchery Rd	MILES CITY	1983	3,234	$49,171.58
☐	7) Miles City Fish Hatchery - Building - West Residence - Garage	89 Fish Hatchery Rd	MILES CITY	2005	840	$45,499.38
☐	7) Pirogue Island SP - Building - Latrine	2.3 mi left on Valley Road	MILES CITY	2007	77	$7,313.23
☐	7) Regional HQ - Building	352 I-94 Business Loop	MILES CITY	1991	7,664	$1,435,682.93
☐	7) Regional HQ - Building - Shop Complex	352 I-94 Business Loop	MILES CITY	2002	3,120	$336,182.60
☐	7) Regional HQ - Building - Storage	352 I-94 Business Loop	MILES CITY	2002	3,120	$158,065.85
☐	7) Regional HQ - Building - Storage	352 I-94 Business Loop	MILES CITY	2021	3,456	$125,202.03
☐	7) Roche Juane FAS - Building - Flush Toilet	Hwy 59 to NW edge of Miles Ci	MILES CITY	1985	77	$43,331.10
☐	7) Twelve Mile Dam FAS - Building - Latrine	12 mi S of Miles City on Hwy 5	MILES CITY	1980	77	$17,630.00
☐	7) Twelve Mile Dam FAS - Building - Latrine ADA	12 mi S of Miles City on Hwy 5	MILES CITY	1995	77	$8,483.90
☐	2) Bearmouth FAS - Building - Latrine	33 mi of Missoula on 1-90 to e	MISSOULA	2019	100	$8,164.63

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☐	2) Beavertail Pond FAS - Building - Latrine	26 mi E of Missoula on I-90 to	MISSOULA	1999	77	$8,483.90
☐	2) Big Pine FAS - Building - Latrine	I-90 to Exit 66, S on Fish Creek	MISSOULA	1999	77	$8,483.90
☐	2) Council Grove SP - Building - Latrine	11249 Mullan Rd	MISSOULA	1984	160	$17,630.00
☐	2) Cyr Bridge FAS - Building - Latrine	W of Missoula I-90 exit70, N on	MISSOULA	1999	77	$8,483.90
☐	2) Cyr Bridge FAS - Building - Latrine	W of Missoula I-90 exit70, N on	MISSOULA	1999	77	$8,483.90
☐	2) Fish Creek SP - Building - Lookout Tower	41 mi W of Missoula	MISSOULA	1970	256	$10,963.93
☐	2) Forks FAS - Building - Latrine	W of Missoula I-90 exit 60, S th	MISSOULA	1999	77	$8,483.90
☐	2) Gold Creek FAS - Building - Latrine	Interstate 90 NW of Garrison,	MISSOULA	2019	100	$8,164.63
☐	2) Kelly Island FAS - Building - Latrine	Exit 101, S to Spurgin Rd, 2 mi	MISSOULA	1999	77	$8,483.90
☐	2) Kona Bridge FAS - Building - Latrine	4.9 mi W of Missoula on Mulla	MISSOULA	2008	77	$7,313.23
☐	2) Milltown SP - Building - Latrine	1353 Deer Creek Rd - Overlook	MISSOULA	2020	77	$6,067.30
☐	2) Milltown SP - Building - Latrine	1353 Deer Creek Rd - Overlook	MISSOULA	2017	77	$6,818.73
☐	2) Milltown SP - Building - Latrine	1353 Deer Creek Rd - Overlook	MISSOULA	2020	144	$11,346.63
☐	2) Old Harpers Bridge FAS - Building - Latrine	8.1 mi W of Missoula on Mulla	MISSOULA	2012	77	$13,049.43
☐	2) Petty Creek FAS - Building - Latrine	24 mi W of Missoula on I-90 to	MISSOULA	1999	77	$8,483.90
☐	2) Poker Joe FAS - Building - Latrine	19 mi S of Missoula on US Hwy	MISSOULA	2008	77	$14,282.45
☐	2) Regional HQ - Building	3201 Spurgin Rd	MISSOULA	1981	10,296	$1,342,018.18
☐	2) Regional HQ - Building - Carport	3201 Spurgin Rd	MISSOULA	2008	504	$21,183.95
☐	2) Regional HQ - Building - Check Station	3201 Spurgin Rd	MISSOULA	1987	48	$459.03
☐	2) Regional HQ - Building - Lab/Shop	3201 Spurgin Rd	MISSOULA	1981	6,800	$1,569,880.55
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	MISSOULA	1983	48	$1,975.85
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	MISSOULA	1983	48	$1,975.85
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	MISSOULA	1983	48	$1,975.85
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	MISSOULA	1983	64	$5,731.90
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	MISSOULA	1983	80	$3,294.88
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	MISSOULA	1983	80	$3,294.88
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	MISSOULA	1983	80	$3,294.88
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	MISSOULA	1983	96	$3,953.85
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	MISSOULA	2013	120	$5,043.90

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☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	MISSOULA	2013	120	$5,043.90
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	MISSOULA	2013	120	$5,043.90
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	MISSOULA	2013	120	$5,043.90
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	MISSOULA	2013	120	$5,043.90
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	MISSOULA	2013	120	$5,043.90
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	MISSOULA	1983	160	$6,589.75
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	MISSOULA	1983	192	$7,834.60
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	MISSOULA	1983	192	$7,904.48
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	MISSOULA	2017	200	$4,712.80
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	MISSOULA	1983	646	$26,600.88
☐	2) Regional HQ - Building - Storage	3201 Spurgin Rd	MISSOULA	2010	160	$6,984.28
☐	2) Regional HQ - Building - Storage	3201 Spurgin Rd	MISSOULA	2004	1,800	$201,248.60
☐	2) Regional HQ - Building - Storage Shed	3201 Spurgin Rd	MISSOULA	1993	3,780	$85,114.20
☐	2) Turah FAS - Building - Latrine	E of Missoula to exit 113 S, E 2	MISSOULA	1999	77	$8,483.90
☐	2) Whittecar Rifle Range - Building - Latrine	Whittecar AFL/P	MISSOULA	1978	160	$17,630.00
☐	3) Damselfly FAS - Building - Latrine	approx. 9 mi E of Norris on Hw	NORRIS	2012	77	$7,313.23
☐	5) Buffalo Jump FAS - Building - Latrine ADA	Off Hwy 419 @ Nye	NYE	1995	77	$8,483.90
☐	2) Browns Lake FAS - Building - Latrine	Ovanda - E 7 mi on Hwy 200, S	OVANDO	2004	77	$8,157.10
☐	2) Browns Lake FAS - Building - Latrine	Ovanda - E 7 mi on Hwy 200, S	OVANDO	1999	77	$8,483.90
☐	2) Harry Morgan FAS - Building - Latrine	4 mi S of Ovando on SR 272	OVANDO	1999	77	$8,483.90
☐	1) Pair-A-Dice FAS - Building - Latrine	Appox. 0.5 mi E of Paradise on	PARADISE	2011	77	$14,291.05
☐	2) Granite SP - Building - Superintendent's House	347 Granite Road	PHILIPSBURG	1872	2,560	$307,880.00
☐	2) Stuart Mill Bay FAS - Building - Latrine	13 mi W of Anaconda Hwy 1, D	PHILIPSBURG	2015	77	$6,896.13
☐	2) Stuart Mill Bay FAS - Building - Latrine	13 mi W of Anaconda Hwy 1, D	PHILIPSBURG	2005	77	$7,313.23
☐	2) Stuart Mill Bay FAS - Building - Latrine	13 mi W of Anaconda Hwy 1, D	PHILIPSBURG	2005	77	$8,157.10
☐	6) Brush Lake SP - Building - Kiosk & Fee Station	Hwy 16 E Hwy 258 16.5 mi S on	PLENTYWOOD	2011	384	$27,919.90
☐	6) Brush Lake SP - Building - Latrine	Hwy 16 E Hwy 258 16.5 mi S on	PLENTYWOOD	2010	77	$7,313.23
☐	6) Brush Lake SP - Building - Latrine W/Wind Screen	Hwy 16 E Hwy 258 16.5 mi S on	PLENTYWOOD	2010	77	$10,035.13
☐	6) Brush Lake SP - Building - Latrine w/Wind Screen	Hwy 16 E Hwy 258 16.5 mi S on	PLENTYWOOD	2010	77	$10,035.13

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☐	6) Brush Lake SP - Building - Shed	Hwy 16 E Hwy 258 16.5 mi S on	PLENTYWOOD	2009	80	$3,294.88
☐	6) Brush Lake SP - Building - Storage Garage	Hwy 16 E Hwy 258 16.5 mi S on	PLENTYWOOD	2011	384	$11,233.75
☐	7) South Sandstone FAS - Building - Latrine ADA	5 mi S of Plevna on County Rd,	PLEVNA	2004	77	$7,313.23
☐	1) Finley Point SP - Building - Entrance Station	31453 S. Finley Point Rd	POLSON	1991	165	$13,921.25
☐	1) Finley Point SP - Building - Latrine	31453 S. Finley Point Rd	POLSON	2017	77	$6,818.73
☐	1) Finley Point SP - Building - Latrine	31453 S. Finley Point Rd	POLSON	2017	77	$6,818.73
☐	1) Finley Point SP - Building - Latrine	31453 S. Finley Point Rd	POLSON	2017	77	$6,818.73
☐	1) Finley Point SP - Building - Latrine	31453 S. Finley Point Rd	POLSON	2017	144	$6,818.73
☐	1) Finley Point SP - Building - Latrine	31453 S. Finley Point Rd	POLSON	2017	144	$12,749.50
☐	1) Finley Point SP - Building - Pump House	31453 S. Finley Point Rd	POLSON	1991	80	$8,817.15
☐	1) Finley Point SP - Building - Shed	31453 S. Finley Point Rd	POLSON	2001	120	$4,940.70
☐	1) Walstad FAS - Building - Latrine	10 mi N Polson on Hwy 93 - mil	POLSON	2000	77	$8,483.90
☐	1) Walstad FAS - Building - Latrine	10 mi N Polson on Hwy 93 - mil	POLSON	2021	144	$11,346.63
☐	3) Paradise FAS - Building - Latrine ADA	9 mi S of Livingston Hwy 89 to	PRAY	1999	77	$8,483.90
☐	5) Cheif Plenty Coups SP - Building - Pump House/Irrigation	1 Edgar Rd	PRYOR	2006	36	$3,985.03
☐	5) Cheif Plenty Coups SP - Building - Pump House/Irrigation	1 Edgar Rd	PRYOR	2006	36	$4,620.35
☐	5) Chief Plenty Coups SP - Building - Latrine	1 Edgar Rd	PRYOR	2002	77	$8,483.90
☐	5) Chief Plenty Coups SP - Building - Latrine	1 Edgar Rd	PRYOR	2002	77	$7,637.88
☐	5) Chief Plenty Coups SP - Building - Maintenance Garage	1 Edgar Rd	PRYOR	1975	960	$51,996.68
☐	5) Chief Plenty Coups SP - Building - Maintenance Shed	1 Edgar Rd	PRYOR	2005	64	$2,795.00
☐	5) Chief Plenty Coups SP - Building - Memorial Museum	1 Edgar Rd	PRYOR	1985	3,298	$471,004.80
☐	5) Chief Plenty Coups SP - Building - Mobile Home	1 Edgar Rd	PRYOR	2009	1,280	$60,741.80
☐	5) Chief Plenty Coups SP - Building - Museum Residence	1 Edgar Rd	PRYOR	1884	864	$246,785.60
☐	5) Chief Plenty Coups SP - Building - Residence Shed	1 Edgar Rd	PRYOR	2005	160	$5,241.70
☐	5) Chief Plenty Coups SP - Building - Sod Roof Cabin	1 Edgar Rd	PRYOR	1961	288	$8,397.90
☐	5) Beaver Lodge FAS - Building - Latrine	5.3 mi N Red Lodge Hwy 212, E	RED LODGE	1996	77	$8,483.90
☐	5) Bull Springs FAS - Building - Latrine ADA	5.3 mi N Red Lodge Hwy 212, E	RED LODGE	1996	77	$8,483.90
☐	5) Horsetheif Station FAS - Building - Latrine	5.3 mi N Red Lodge Hwy 212, E	RED LODGE	1996	77	$8,483.90
☐	5) Indian Fort FAS - Building - Latrine ADA	I-90 exit 392, N Frontage Rd, cr	REED POINT	1995	77	$8,483.90

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☐	5) Indian Fort FAS - Building - Latrine ADA	I-90 exit 392, N Frontage Rd, cr	REED POINT	1995	77	$8,483.90
☐	5) Cooney SP - Building - Administrative Office	86 Lake Shore Rd	ROBERTS	2008	256	$97,104.75
☐	5) Cooney SP - Building - Fish Cleaning Station	86 Lake Shore Rd	ROBERTS	2000	400	$43,755.73
☐	5) Cooney SP - Building - Kiosk	86 Lake Shore Rd	ROBERTS	2014	384	$33,688.35
☐	5) Cooney SP - Building - Latrine	86 Lake Shore Rd	ROBERTS	1997	77	$8,483.90
☐	5) Cooney SP - Building - Latrine	86 Lake Shore Rd	ROBERTS	1997	77	$8,483.90
☐	5) Cooney SP - Building - Latrine	86 Lake Shore Rd	ROBERTS	2005	77	$7,313.23
☐	5) Cooney SP - Building - Latrine	86 Lake Shore Rd	ROBERTS	1999	77	$8,483.90
☐	5) Cooney SP - Building - Latrine	86 Lake Shore Rd	ROBERTS	1997	77	$8,483.90
☐	5) Cooney SP - Building - Latrine	86 Lake Shore Rd	ROBERTS	1997	77	$8,483.90
☐	5) Cooney SP - Building - Latrine	86 Lake Shore Rd	ROBERTS	2014	77	$7,040.18
☐	5) Cooney SP - Building - Latrine	86 Lake Shore Rd	ROBERTS	1992	77	$8,483.90
☐	5) Cooney SP - Building - Latrine	86 Lake Shore Rd	ROBERTS	1970	77	$17,630.00
☐	5) Cooney SP - Building - Latrine	86 Lake Shore Rd	ROBERTS	2014	77	$12,827.98
☐	5) Cooney SP - Building - Latrine ADA	86 Lake Shore Rd	ROBERTS	1997	77	$8,483.90
☐	5) Cooney SP - Building - Latrine ADA	86 Lake Shore Rd	ROBERTS	1992	77	$8,483.90
☐	5) Cooney SP - Building - Latrine ADA	86 Lake Shore Rd	ROBERTS	2001	77	$8,483.90
☐	5) Cooney SP - Building - Latrine ADA	86 Lake Shore Rd	ROBERTS	1999	77	$8,483.90
☐	5) Cooney SP - Building - Maintenance-Shop	86 Lake Shore Rd	ROBERTS	2005	1,200	$101,240.28
☐	5) Cooney SP - Building - Modern Comfort Station	86 Lake Shore Rd	ROBERTS	1992	1,062	$117,026.65
☐	5) Cooney SP - Building - Office	86 Lake Shore Rd	ROBERTS	1996	256	$28,211.23
☐	5) Cooney SP - Building - Pump House	86 Lake Shore Rd	ROBERTS	2014	64	$13,219.28
☐	5) Cooney SP - Building - Pump House	86 Lake Shore Rd	ROBERTS	2008	140	$15,187.60
☐	5) Cooney SP - Building - Pump house	86 Lake Shore Rd	ROBERTS	2000	168	$49,887.53
☐	5) Cooney SP - Building - Pump House	86 Lake Shore Rd	ROBERTS	2006	442	$47,952.53
☐	5) Cooney SP - Building - Shed	86 Lake Shore Rd	ROBERTS	2008	96	$3,953.85
☐	5) Water Birch FAS - Building - Latrine ADA	8.1 mi S of Red Lodge on Hwy	ROBERTS	1993	77	$8,483.90
☐	5) Water Birch FAS - Building - Latrine ADA	8.1 mi S of Red Lodge on Hwy	ROBERTS	1999	77	$8,483.90
☐	5) Whitebird FAS - Building - Latrine	5.9 mi S of Columbus on Hwy 7	ROBERTS	2008	77	$7,313.23

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☐	5) Whitebird FAS - Building - Latrine	5.9 mi S of Columbus on Hwy 7	ROBERTS	1999	77	$8,483.90
☐	7) Far West FAS - Building - Latrine	10 mi E of Forsyth, I-94, N @exi	ROSEBUD	1996	77	$8,483.90
☐	7) Far West FAS - Building - Latrine ADA	10 mi E of Forsyth, I-94, N @exi	ROSEBUD	1999	77	$8,483.90
☐	5) Deadmans Basin FAS - Building - Latrine	9 mi W of Rygate on Hwy 12	RYEGATE	1999	77	$8,483.90
☐	5) Deadmans Basin FAS - Building - Latrine	9 mi W of Rygate on Hwy 12	RYEGATE	1999	77	$8,483.90
☐	5) Deadmans Basin FAS - Building - Latrine	9 mi W of Rygate on Hwy 12	RYEGATE	1999	77	$8,483.90
☐	5) Deadmans Basin FAS - Building - Latrine	9 mi W of Rygate on Hwy 12	RYEGATE	1999	77	$8,483.90
☐	5) Deadmans Basin FAS - Building - Latrine	9 mi W of Rygate on Hwy 12	RYEGATE	1996	77	$8,483.90
☐	5) Deadmans Basin FAS - Building - Picnic Shelter	9 mi W of Rygate on Hwy 12	RYEGATE	1990	396	$3,716.28
☐	5) Deadmans Basin FAS - Building - Picnic Shelter	9 mi W of Rygate on Hwy 12	RYEGATE	1990	396	$3,716.28
☐	5) Deadmans Basin FAS - Building - Storage Garage	9 mi W of Rygate on Hwy 12	RYEGATE	1995	144	$5,929.70
☐	1) Kookosint FAS - Building - Latrine	Located on Flathead Lake /App	SAINT REGIS	2009	77	$7,637.88
☐	2) Forest Grove FAS - Building - Latrine	I-90 Tarkio exit 60-N side then	SAINT REGIS	1999	77	$8,483.90
☐	2) Tarkio FAS - Building - Latrine	I-90 Tarkio exit 61, SE for .75 m	SAINT REGIS	1999	77	$8,483.90
☐	2) Tarkio FAS - Building - Latrine	I-90 Tarkio exit 61, SE for .75 m	SAINT REGIS	1999	77	$8,483.90
☐	5) Mallards Landing FAS - Building - Latrine ADA	5.5 mi N of St Xavier Hwy 313,	SAINT XAVIER	1988	77	$8,483.90
☐	7) Elk Island FAS - Building - Latrine	Hwy 16 , 1 mi N of Savage, E 2	SAVAGE		77	$6,255.43
☐	2) Blackfoot/Clearwater WMA - Building - Barn	40 mi E - NE. Missoula on State	SEELEY LAKE	1989	1,302	$21,492.48
☐	2) Blackfoot/Clearwater WMA - Building - Barn/Storage	40 mi E - NE. Missoula on State	SEELEY LAKE	1948	1,152	$72,519.50
☐	2) Blackfoot/Clearwater WMA - Building - Calving Shed	40 mi E - NE. Missoula on State	SEELEY LAKE	1948	768	$57,754.38
☐	2) Blackfoot/Clearwater WMA - Building - Calving Shed	40 mi E - NE. Missoula on State	SEELEY LAKE	1998	1,152	$25,942.98
☐	2) Blackfoot/Clearwater WMA - Building - Calving Shed	40 mi E - NE. Missoula on State	SEELEY LAKE	1989	1,683	$19,428.48
☐	2) Blackfoot/Clearwater WMA - Building - Calving Shed	40 mi E - NE. Missoula on State	SEELEY LAKE	1989	1,692	$19,534.90
☐	2) Blackfoot/Clearwater WMA - Building - Calving Shed	40 mi E - NE. Missoula on State	SEELEY LAKE	1989	1,720	$19,858.48
☐	2) Blackfoot/Clearwater WMA - Building - Frame Shop	40 mi E - NE. Missoula on State	SEELEY LAKE	1934	855	$46,311.00
☐	2) Blackfoot/Clearwater WMA - Building - Garage & Shop	40 mi E - NE. Missoula on State	SEELEY LAKE	1948	432	$33,312.10
☐	2) Blackfoot/Clearwater WMA - Building - Grainery SHed	40 mi E - NE. Missoula on State	SEELEY LAKE	1989	540	$8,118.40
☐	2) Blackfoot/Clearwater WMA - Building - Green House	40 mi E - NE. Missoula on State	SEELEY LAKE	1978	1,248	$53,372.68
☐	2) Blackfoot/Clearwater WMA - Building - Hen House	40 mi E - NE. Missoula on State	SEELEY LAKE	1989	406	$34,253.80

☐	2) Blackfoot/Clearwater WMA - Building - Metal Storage	40 mi E - NE. Missoula on State	SEELEY LAKE	1970	4,000	$60,133.35
☐	2) Blackfoot/Clearwater WMA - Building - Milk Barn	40 mi E - NE. Missoula on State	SEELEY LAKE	1989	312	$5,355.65
☐	2) Blackfoot/Clearwater WMA - Building - Quonset Shop	40 mi E - NE. Missoula on State	SEELEY LAKE	1948	864	$12,990.30
☐	2) Blackfoot/Clearwater WMA - Building - Residence	40 mi E - NE. Missoula on State	SEELEY LAKE	1971	1,344	$161,638.08
☐	2) Blackfoot/Clearwater WMA - Building - Saw Shed	40 mi E - NE. Missoula on State	SEELEY LAKE	1989	1,568	$79,438.20
☐	2) Blackfoot/Clearwater WMA - Building - Shed	40 mi E - NE. Missoula on State	SEELEY LAKE	1948	224	$17,022.63
☐	2) Blackfoot/Clearwater WMA - Building - Shed	40 mi E - NE. Missoula on State	SEELEY LAKE	1989	437	$5,044.98
☐	2) Blackfoot/Clearwater WMA - Building - Shop/Machine Shed	40 mi E - NE. Missoula on State	SEELEY LAKE	1998	840	$43,314.98
☐	2) Blackfoot/Clearwater WMA - Building - Steel Shed	40 mi E - NE. Missoula on State	SEELEY LAKE	1989	3,200	$36,944.53
☐	2) Blackfoot/Clearwater WMA - Building - Storage Shed	40 mi E - NE. Missoula on State	SEELEY LAKE	1948	780	$39,513.78
☐	2) Blackfoot/Clearwater WMA - Building - Stud Barn - Old	40 mi E - NE. Missoula on State	SEELEY LAKE	1948	396	$13,596.60
☐	2) Blackfoot/Clearwater WMA - Building - Yellow House	40 mi E - NE. Missoula on State	SEELEY LAKE	1934	1,580	$28,097.28
☐	2) Clearwater Bridge FAS - Building - Latrine	30 mi E of Bonner on Hwy 200,	SEELEY LAKE	1999	77	$8,483.90
☐	2) Clearwater Crossing FAS - Building - Latrine	34 mi E of Bonner Hwy 200, 1	SEELEY LAKE	1999	77	$8,483.90
☐	2) Corrick's River Bend FAS - Building - Latrine	25.5 mi E of Bonner on Hwy 20	SEELEY LAKE	2002	77	$6,896.13
☐	2) Corrick's River Bend FAS - Building - Latrine	25.5 mi E of Bonner on Hwy 20	SEELEY LAKE	2002	77	$6,896.13
☐	2) Harper Lake FAS - Building - Latrine	31 mi E of Bonner on Hwy 200,	SEELEY LAKE	2009	77	$7,637.88
☐	2) Harper Lake FAS - Building - Latrine	35 mi E of Bonner on Hwy 200,	SEELEY LAKE	1993	77	$8,483.90
☐	2) Monture Creek FAS - Building - Latrine	39 mi E of Bonner on Hwy 200	SEELEY LAKE	1999	77	$8,483.90
☐	2) Ninemile Prairie FAS - Building - Latrine	26 mi E of Bonner on 200 to po	SEELEY LAKE	1999	77	$8,483.90
☐	2) Placid Lake SP - Building - Comfort Station	5001 N. Placid Lake Road	SEELEY LAKE	1998	1,000	$338,308.95
☐	2) Placid Lake SP - Building - Entrance Station	5001 N. Placid Lake Road	SEELEY LAKE	2000	80	$6,752.08
☐	2) Placid Lake SP - Building - Firewood Storage	5001 N. Placid Lake Road	SEELEY LAKE	2000	140	$9,770.68
☐	2) Placid Lake SP - Building - Latrine	5001 N. Placid Lake Road	SEELEY LAKE	2000	77	$8,483.90
☐	2) Placid Lake SP - Building - Latrine	5001 N. Placid Lake Road	SEELEY LAKE	2000	77	$8,483.90
☐	2) Placid Lake SP - Building - Latrine	5001 N. Placid Lake Road	SEELEY LAKE	1999	77	$8,483.90
☐	2) Placid Lake SP - Building - Picnic Shelter	5001 N. Placid Lake Road	SEELEY LAKE	1992	100	$11,018.75
☐	2) Placid Lake SP - Building - Picnic Shelter	5001 N. Placid Lake Road	SEELEY LAKE	1992	100	$11,018.75
☐	2) Placid Lake SP - Building - Picnic Shelter	5001 N. Placid Lake Road	SEELEY LAKE	1992	100	$11,018.75

☐	2) Placid Lake SP - Building - Picnic Shelter	5001 N. Placid Lake Road	SEELEY LAKE	1992	100	$11,018.75
☐	2) Placid Lake SP - Building - Shed	5001 N. Placid Lake Road	SEELEY LAKE	2014	108	$4,536.50
☐	2) Placid Lake SP - Building - Storage Shed	5001 N. Placid Lake Road	SEELEY LAKE	2006	140	$6,819.80
☐	2) Roundup FAS - Building - Latrine	26 mi E of Bonner Hwy 200, W	SEELEY LAKE	1999	77	$8,483.90
☐	2) Russell Gates Memorial FAS - Building - Latrine	36 mi E of Bonner on Hwy 200	SEELEY LAKE	1999	77	$8,483.90
☐	2) Russell Gates Memorial FAS - Building - Latrine	36 mi E of Bonner on Hwy 200	SEELEY LAKE	2010	77	$7,637.88
☐	2) Russell Gates Memorial FAS - Building - Latrine ADA	36 mi E of Bonner on Hwy 200	SEELEY LAKE	1999	77	$8,483.90
☐	2) Salmon Lake SP - Building - Camp Rsv Office	2329 Hwy. 83 N	SEELEY LAKE	2011	120	$12,687.15
☐	2) Salmon Lake SP - Building - Comfort station	2329 Hwy. 83 N	SEELEY LAKE	1980	1,068	$117,686.70
☐	2) Salmon Lake SP - Building - Entrance Station	2329 Hwy. 83 N	SEELEY LAKE	2000	80	$8,457.03
☐	2) Salmon Lake SP - Building - Firewood Storage	2329 Hwy. 83 N	SEELEY LAKE	2000	140	$9,770.68
☐	2) Salmon Lake SP - Building - Latrine	2329 Hwy. 83 N	SEELEY LAKE	1999	77	$8,483.90
☐	2) Salmon Lake SP - Building - Picnic Shelter	2329 Hwy. 83 N	SEELEY LAKE	1992	252	$27,770.48
☐	2) Salmon Lake SP - Building - Picnic Shelter	2329 Hwy. 83 N	SEELEY LAKE	1992	252	$27,770.48
☐	2) Salmon Lake SP - Building - Picnic Shelter	2329 Hwy. 83 N	SEELEY LAKE	2004	252	$18,321.23
☐	2) Salmon Lake SP - Building - Picnic Shelter	2329 Hwy. 83 N	SEELEY LAKE	1991	252	$18,321.23
☐	2) Salmon Lake SP - Building - Picnic Shelter	2329 Hwy. 83 N	SEELEY LAKE	2004	252	$18,321.23
☐	2) Salmon Lake SP - Building - Romteck Toilet	2329 Hwy. 83 N	SEELEY LAKE	1995	96	$32,427.38
☐	2) Salmon Lake SP - Building - Shed	2329 Hwy. 83 N	SEELEY LAKE	2014	108	$4,536.50
☐	2) Salmon Lake SP - Building - Storage Shed	2329 Hwy. 83 N	SEELEY LAKE	2000	140	$7,516.40
☐	2) Upsata Lake - Building - Latrine	38 mi E of Bonner Hwy 200 to	SEELEY LAKE	1999	77	$8,483.90
☐	4) Marias River SP - Building - Latrine	S exit 358 off I-15 N on M Valle	SHELBY	2009	77	$7,637.88
☐	3) Robb Creek WMA - Building - Log Cabin	Robb Creek Rd-(Lat 44.903, Lng	SHERIDAN	2005	600	$67,650.83
☐	3) Robb Creek WMA - Building - Metal Barn	Robb Creek Rd-(Lat 44.903, Lng	SHERIDAN	2005	900	$101,471.40
☐	3) Robb Creek WMA - Building - Storage	Robb Creek Rd-(Lat 44.903, Lng	SHERIDAN	2005	180	$20,294.93
☐	7) Gartside FAS - Building - Latrine	Hwy 16, 1mi N of Crane, W 1 m	SIDNEY	1999	77	$8,483.90
☐	7) Gartside FAS - Building - Picnic Shelter	Hwy 16, 1mi N of Crane, W 1 m	SIDNEY	2003	126	$1,181.43
☐	7) Gartside FAS - Building - Picnic Shelter	Hwy 16, 1mi N of Crane, W 1 m	SIDNEY	2003	126	$1,181.43
☐	7) Sidney Bridge FAS - Building - Latrine	1.5 mi S of Sidney Hwy 16, 1.5	SIDNEY	1999	77	$8,483.90

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☐	7) South Sandstone Fas - Building - Latrine ADA	5 mi S of Plevna on County Rd,	SIDNEY	2004	77	$7,313.23
☐	4) Lowrey Bridge FAS - Building - Latrine	Approx 4.5 mi W of Simms, Hw	SIMMS	2001	77	$3,839.90
☐	1) Flathead Lake Salmon Hatchery - Building - Boat House	100 Spring Creek Rd	SOMERS	1974	640	$34,664.45
☐	1) Flathead Lake Salmon Hatchery - Building - Four Stall Garage	100 Spring Creek Rd	SOMERS	1936	1,100	$59,578.65
☐	1) Flathead Lake Salmon Hatchery - Building - Garage	100 Spring Creek Rd	SOMERS	1912	288	$12,576.43
☐	1) Flathead Lake Salmon Hatchery - Building - Garage	100 Spring Creek Rd	SOMERS	1912	288	$15,599.33
☐	1) Flathead Lake Salmon Hatchery - Building - Garage/Shop	100 Spring Creek Rd	SOMERS	1928	520	$28,165.00
☐	1) Flathead Lake Salmon Hatchery - Building - Hatchery	100 Spring Creek Rd	SOMERS	1912	3,200	$266,222.68
☐	1) Flathead Lake Salmon Hatchery - Building - Residential	100 Spring Creek Rd	SOMERS	1914	3,392	$255,817.75
☐	1) North Shore Flathead Lake WMA - Building - Barn w/ attached Quonset	4.5 mi E of Somers on Hwy 82	SOMERS	1914	1,800	$207,033.18
☐	1) Somers FAS - Building - Comfort Station	Hwy 93, 1 mi S of Somers	SOMERS	1995	525	$74,395.38
☐	3) Springdale FAS - Building - Latrine ADA	I-90 Springdale exit, then .5 mi	SPRINGDALE	1999	77	$8,483.90
☐	2) Bell Crossing FAS - Building - Latrine	1.5 mi N of Victor on Hwy 93, 0	STEVENSVILLE	2015	77	$6,896.13
☐	2) Fort Owen SP - Building - Cabin	100 Stevensville Cutoff Rd	STEVENSVILLE	1850	793	$74,024.50
☐	2) Fort Owen SP - Building - East Barracks	100 Stevensville Cutoff Rd	STEVENSVILLE	1850	1,653	$198,799.75
☐	2) Fort Owen SP - Building - Latrine	100 Stevensville Cutoff Rd	STEVENSVILLE	2007	77	$18,894.20
☐	2) Fort Owen SP - Building - Latrine	100 Stevensville Cutoff Rd	STEVENSVILLE	1990	77	$8,483.90
☐	2) Fort Owen SP - Building - Root Cellar	100 Stevensville Cutoff Rd	STEVENSVILLE	1850	150	$18,039.58
☐	2) Fort Owen SP - Building - Well House	100 Stevensville Cutoff Rd	STEVENSVILLE	1850	60	$59,865.68
☐	2) Big Eddy FAS - Building - Latrine	I-90 to Superior exit 47, 1 mi E	SUPERIOR	1999	77	$8,483.90
☐	2) Big Eddy FAS - Building - Latrine	I-90 to Superior exit 47, 1 mi E	SUPERIOR	1999	77	$8,483.90
☐	2) Dry Creek FAS - Building - Latrine	4 miles west of Superior on I-9	SUPERIOR	2001	77	$8,483.90
☐	1) Bull River WMA - Building - Cabin	Between Troy & Noxon along t	THOMPSON FALLS	2005	1,736	$50,629.28
☐	1) Thompson Falls SP - Building - Latrine	2220 Blue Slide Rd	THOMPSON FALLS	2010	77	$15,879.90
☐	1) Thompson Falls SP - Building - Latrine	2220 Blue Slide Rd	THOMPSON FALLS	2010	77	$15,879.90
☐	1) Thompson Falls SP - Building - Latrine	2220 Blue Slide Rd	THOMPSON FALLS	1990	154	$8,483.90
☐	1) Thompson Falls SP - Building - Picnic Shelter	2220 Blue Slide Rd	THOMPSON FALLS	1992	176	$15,034.95
☐	1) Thompson Falls SP - Building - Picnic Shelter	2220 Blue Slide Rd	THOMPSON FALLS	1992	176	$15,034.95
☐	1) Thompson Falls SP - Building - Pump House	2220 Blue Slide Rd	THOMPSON FALLS	1990	34	$4,536.50

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☐	1) Thompson Falls SP - Building - Reservation/Storage/Office	2220 Blue Slide Rd	THOMPSON FALLS	2011	256	$18,612.55
☐	1) Thompson Falls SP - Building - Storage Shed	2220 Blue Slide Rd	THOMPSON FALLS	1965	120	$5,253.53
☐	3) Cobblestone FAS - Building - Latrine ADA	3 mi W of Logan, 7 mi S on Ma	THREE FORKS	1994	77	$8,483.90
☐	3) Drouillard FAS - Building - Latrine	2 mi W of Three Forks on Rte 2	THREE FORKS	2002	77	$8,483.90
☐	3) Fairweather FAS - Building - Latrine	1 mi W of Logan Frontage Rd, 1	THREE FORKS	2003	77	$8,483.90
☐	3) Greycliff FAS - Building - Latrine	23 mi W of Bozeman Hwy 84, 6	THREE FORKS	1999	77	$8,483.90
☐	3) Greycliff FAS - Building - Latrine	23 mi W of Bozeman Hwy 84, 6	THREE FORKS	1999	77	$8,483.90
☐	3) Greycliff FAS - Building - Latrine	23 mi W of Bozeman Hwy 84, 6	THREE FORKS	1999	77	$8,483.90
☐	3) Madison Buffalo Jump SP - Building - Interpretive Center	6990 Buffalo Jump Road	THREE FORKS	1979	188	$15,862.70
☐	3) Madison Buffalo Jump SP - Building - Latrine	6990 Buffalo Jump Road	THREE FORKS	2015	77	$18,163.20
☐	3) Milwaukee Road FAS - Building - Latrine	1.5 E of Three Forks on Hwy 10	THREE FORKS	1999	77	$8,483.90
☐	3) Missouri Headwaters SP - Building - Comfort station	1585 Trident Rd	THREE FORKS	1975	818	$90,137.68
☐	3) Missouri Headwaters SP - Building - Interpretive Pavillon	1585 Trident Rd	THREE FORKS	2003	498	$374,330.05
☐	3) Missouri Headwaters SP - Building - Interpretive Shelter	1585 Trident Rd	THREE FORKS	1980	1,089	$120,002.25
☐	3) Missouri Headwaters SP - Building - Interpretive Shelter	1585 Trident Rd	THREE FORKS	1980	1,089	$120,002.25
☐	3) Missouri Headwaters SP - Building - Latrine	1585 Trident Rd	THREE FORKS	2006	77	$12,867.75
☐	3) Missouri Headwaters SP - Building - Latrine	1585 Trident Rd	THREE FORKS	2007	100	$13,394.50
☐	3) Missouri Headwaters SP - Building - Latrine	1585 Trident Rd	THREE FORKS	2004	144	$11,166.03
☐	3) Missouri Headwaters SP - Building - Latrine ADA	1585 Trident Rd	THREE FORKS	1999	77	$11,099.38
☐	3) Missouri Headwaters SP - Building - Latrine ADA	1585 Trident Rd	THREE FORKS	2000	100	$10,675.83
☐	3) Missouri Headwaters SP - Building - Latrine ADA	1585 Trident Rd	THREE FORKS	2004	100	$21,202.23
☐	3) Missouri Headwaters SP - Building - Log Pump House	1585 Trident Rd	THREE FORKS	1980	100	$13,347.20
☐	3) Missouri Headwaters SP - Building - Modular Office	1585 Trident Rd	THREE FORKS	2008	432	$33,422.83
☐	3) Missouri Headwaters SP - Building - Pay Station	1585 Trident Rd	THREE FORKS	2004	64	$14,055.63
☐	3) Missouri Headwaters SP - Building - Picnic Shelter	1585 Trident Rd	THREE FORKS	2017	192	$1,781.28
☐	3) Missouri Headwaters SP - Building - Picnic Shelter	1585 Trident Rd	THREE FORKS	2018	330	$2,953.03
☐	3) Missouri Headwaters SP - Building - Primitive Cabin	1585 Trident Rd	THREE FORKS	1865	238	$43,366.58
☐	3) Missouri Headwaters SP - Building - Pump house	1585 Trident Rd	THREE FORKS	1980	120	$16,017.50
☐	3) Missouri Headwaters SP - Building - Storage Shed	1585 Trident Rd	THREE FORKS	2005	360	$15,034.95

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☐	3) Williams Bridge FAS - Building - Latrine ADA	I-90 W of Three Forks, exit 274,	THREE FORKS	1999	77	$8,483.90
☐	3) Toston FAS - Building - Latrine	Hwy 287, at Toston on the E si	TOSTON	2015	77	$6,896.13
☐	3) Canyon Ferry WMA - Building - Shed	Hwy 287 W, Hwy 284 E	TOWNSEND	2017	1,920	$78,161.10
☐	3) Canyon Ferry WMA - Building - Shop	Hwy 287 W, Hwy 284 E	TOWNSEND		1,200	$44,821.05
☐	3) Townsend - Building - Boat Shed	39 Centerville Rd	TOWNSEND	1985	528	$23,052.30
☐	3) Townsend - Building - Field Station Mobile Home	39 Centerville Rd	TOWNSEND	1994	784	$30,065.60
☐	3) York Islands FAS - Building - Latrine ADA	4 mi S of Townsend, Hwy 287,	TOWNSEND	1993	77	$4,631.10
☐	1) Trego - Building - Shed	NFD 36	TREGO	1999	96	$3,953.85
☐	3) Notch Bottom FAS - Building - Latrine ADA	4 mi S of Twin Bridges Hwy 41,	TWIN BRIDGES	1988	77	$8,483.90
☐	3) Pennington Bridge FAS - Building - Latrine	4 mi S of Twin Bridges on Hwy	TWIN BRIDGES	1997	77	$8,483.90
☐	4) Dunes FAS - Building - Latrine ADA	51 Whitetail Lane	ULM	1993	77	$8,483.90
☐	4) First Peoples Buffalo Jump SP - Building - Garage	342 Ulm - Vaughn Rd	ULM	2007	1,200	$114,761.63
☐	4) First Peoples Buffalo Jump SP - Building - Latrine	342 Ulm - Vaughn Rd	ULM	1997	100	$8,483.90
☐	4) First Peoples Buffalo Jump SP - Building - Visitor Center	342 Ulm - Vaughn Rd	ULM	1999	6,516	$1,841,037.48
☐	4) Smith River - Eden Bridge SP - Building - Fee Booth	8 mi S of Ulm on 330	ULM	1995	120	$11,966.90
☐	4) Smith River - Eden Bridge SP - Building - Latrine w/changing room	8 mi S of Ulm on 330	ULM	2013	82	$22,975.98
☐	4) Smith River - Eden Bridge SP - Building - Latrine w/changing room	8 mi S of Ulm on 330	ULM	2013	82	$7,786.23
☐	4) Smith River - Eden Bridge SP - Building - Shed	8 mi S of Ulm on 330	ULM	2018	120	$4,712.80
☐	4) Ulm Bridge FAS - Building - Latrine	75 Millegan Rd	ULM	1997	77	$8,483.90
☐	4) Largents Bend FAS - Building - Latrine ADA	536 US Hwy 89	VAUGHN	1996	77	$8,483.90
☐	4) Largents Bend FAS - Building - Picnic Shelter	536 US Hwy 89	VAUGHN	2019	320	$2,736.95
☐	2) Tucker Crossing FAS - Building - Latrine	3 mi S of Victor Hwy 90	VICTOR	1999	77	$8,483.90
☐	2) Warm Springs Ponds FAS - Building - Latrine	50 Game Farm Lane	WARM SPRINGS	2008	77	$5,846.93
☐	2) Warm Springs Ponds FAS - Building - Latrine	50 Game Farm Lane	WARM SPRINGS	2011	77	$11,878.75
☐	2) Warm Springs Ponds FAS - Building - Latrine	50 Game Farm Lane	WARM SPRINGS	2011	77	$11,878.75
☐	2) Warm Springs WMA - Building	50 Game Farm Lane	WARM SPRINGS	1948	120	$4,885.88
☐	2) Warm Springs WMA - Building	50 Game Farm Lane	WARM SPRINGS	1948	120	$4,885.88
☐	2) Warm Springs WMA - Building	50 Game Farm Lane	WARM SPRINGS	1948	120	$4,885.88
☐	2) Warm Springs WMA - Building	50 Game Farm Lane	WARM SPRINGS	1948	120	$4,885.88

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☐	2) Warm Springs WMA - Building - Bin	50 Game Farm Lane	WARM SPRINGS	1948	240	$9,769.60
☐	2) Warm Springs WMA - Building - Bin	50 Game Farm Lane	WARM SPRINGS	1948	240	$9,769.60
☐	2) Warm Springs WMA - Building - Bin	50 Game Farm Lane	WARM SPRINGS	1948	240	$9,769.60
☐	2) Warm Springs WMA - Building - Bunkhouse	50 Game Farm Lane	WARM SPRINGS	1948	800	$11,562.70
☐	2) Warm Springs WMA - Building - E Brood Rearing	50 Game Farm Lane	WARM SPRINGS	1948	480	$7,102.53
☐	2) Warm Springs WMA - Building - E Brooder House	50 Game Farm Lane	WARM SPRINGS	1948	288	$4,260.23
☐	2) Warm Springs WMA - Building - Garage (Front House)	50 Game Farm Lane	WARM SPRINGS	1973	672	$36,397.35
☐	2) Warm Springs WMA - Building - Garage/Bathrooms	50 Game Farm Lane	WARM SPRINGS	1948	480	$26,001.03
☐	2) Warm Springs WMA - Building - Office/Garage	50 Game Farm Lane	WARM SPRINGS	1977	2,160	$20,770.08
☐	2) Warm Springs WMA - Building - Quonset	50 Game Farm Lane	WARM SPRINGS	1948	864	$12,990.30
☐	2) Warm Springs WMA - Building - Residence - Back	50 Game Farm Lane	WARM SPRINGS	1948	1,560	$93,807.73
☐	2) Warm Springs WMA - Building - Residence - Front	50 Game Farm Lane	WARM SPRINGS	1948	2,560	$153,940.00
☐	2) Warm Springs WMA - Building - W Brood Rearing	50 Game Farm Lane	WARM SPRINGS	1948	480	$7,102.53
☐	2) Warm Springs WMA - Building - W Brooder House	50 Game Farm Lane	WARM SPRINGS	1948	432	$4,989.08
☐	2) Warm Springs WMA - Building - Wood Shop	50 Game Farm Lane	WARM SPRINGS	1948	720	$10,825.25
☐	1) Sekokini Springs Hatchery - Building - Isolation	5625 Blankenship Rd	WEST GLACIER	2016	720	$44,381.38
☐	1) Sekokini Springs Hatchery - Building - Office/Dwelling	5625 Blankenship Rd	WEST GLACIER	1960	3,800	$387,612.75
☐	3) Raynold Pass FAS - Building - Latrine ADA	31 mi NW of W Yellowstone H	WEST YELLOWSTONE	1994	77	$8,483.90
☐	3) Three Dollar Bridge FAS - Building - Latrine	39 mi S of Ennis or 32 mi NW o	WEST YELLOWSTONE	1999	77	$6,896.13
☐	3) West Yellowstone - Building - Garage & Shop	246 Highway 191	WEST YELLOWSTONE	1948	1,624	$87,964.03
☐	3) West Yellowstone - Building - Mobile home	246 Highway 191	WEST YELLOWSTONE	1997	1,368	$44,609.28
☐	3) West Yellowstone - Building - Shed	246 Highway 191	WEST YELLOWSTONE	1993	180	$73,460.13
☐	4) Fort Logan FAS - Building - Latrine	235 Smith River Rd	WHITE SULPHUR SPRING	2004	77	$8,157.10
☐	4) Fort Logan FAS - Building - Latrine	235 Smith River Rd	WHITE SULPHUR SPRING	2004	77	$8,157.10
☐	4) Newlan Creek Reservior FAS - Building - Latrine ADA	415 Newlan Creek Rd	WHITE SULPHUR SPRING	2000	77	$8,483.90
☐	4) Newlan Creek Reservoir FAS - Building - Latrine	415 Newlan Creek Rd	WHITE SULPHUR SPRING	2013	77	$7,313.23
☐	4) Newlan Creek Reservoir FAS - Building - Latrine	415 Newlan Creek Rd	WHITE SULPHUR SPRING	2006	77	$7,313.23
☐	4) Newlan Creek Reservoir FAS - Building - Latrine	415 Newlan Creek Rd	WHITE SULPHUR SPRING	1997	77	$7,313.23
☐	4) Newlan Creek Reservoir FAS - Building - Latrine ADA	415 Newlan Creek Rd	WHITE SULPHUR SPRING	2000	77	$8,483.90

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☐	4) Newlan Creek Reservoir FAS - Building - Latrine ADA	415 Newlan Creek Rd	WHITE SULPHUR SPRING	2000	77	$8,483.90
☐	4) Smith River - Camp Baker SP - Building - Latrine ADA	791 Clear Range Rd	WHITE SULPHUR SPRING	1999	77	$8,483.90
☐	4) Smith River - Camp Baker SP - Building - Latrine ADA	791 Clear Range Rd	WHITE SULPHUR SPRING	1999	77	$8,483.90
☐	4) Smith River - Camp Baker SP - Building - Modular Office	791 Clear Range Rd	WHITE SULPHUR SPRING	2007	432	$50,961.45
☐	4) Smith River - Camp Baker SP - Building - Pole Barn	791 Clear Range Rd	WHITE SULPHUR SPRING	2010	1,536	$116,649.33
☐	4) Smith River - Camp Baker SP - Building - Prefabricated House	791 Clear Range Rd	WHITE SULPHUR SPRING	2003	1,160	$116,890.13
☐	1) Les Mason SP - Building - Latrine	2650 E Lakeshore Dr	WHITEFISH	1989	77	$6,896.13
☐	1) Les Mason SP - Building - Shed	2650 E Lakeshore Dr	WHITEFISH	2010	120	$4,940.70
☐	1) Pine Grove Pond FAS - Building - Latrine	Intersection of Rose Crossing a	WHITEFISH	2015	77	$6,896.13
☐	1) Pine Grove Pond FAS - Building - Latrine	Intersection of Rose Crossing a	WHITEFISH	2011	77	$7,313.23
☐	1) Pine Grove Pond FAS - Building - Picnic Shelter	Intersection of Rose Crossing a	WHITEFISH	2011	176	$7,313.23
☐	1) Whitefish Lake SP - Building - Comfort Station w/Shower	1615 W Lakeshore Dr.	WHITEFISH	1999	920	$106,542.18
☐	1) Whitefish Lake SP - Building - Pay Station Entrance	1615 W Lakeshore Dr.	WHITEFISH	1990	42	$4,449.43
☐	1) Whitefish Lake SP - Building - Picnic Shelter	1615 W Lakeshore Dr.	WHITEFISH	1990	176	$19,396.23
☐	1) Whitefish Lake SP - Building - Storage Shed	1615 W Lakeshore Dr.	WHITEFISH	1991	240	$5,067.55
☐	1) Whitefish Lake SP - Building -Latrine w/ Pump House	1615 W Lakeshore Dr.	WHITEFISH	1999	160	$18,250.28
☐	3) Kountz Bridge FAS - Building - Latrine	6 mi SW of Whitehall on Count	WHITEHALL	2004	77	$7,313.23
☐	3) Lewis & Clark Caverns SP - Building - Comfort Station	25 Lewis & Clark Cavern Rd	WHITEHALL	1995	1,300	$143,253.43
☐	3) Lewis & Clark Caverns SP - Building - Comfort Station w/Shower	25 Lewis & Clark Cavern Rd	WHITEHALL	1992	1,056	$138,611.58
☐	3) Lewis & Clark Caverns SP - Building - Concession	25 Lewis & Clark Cavern Rd	WHITEHALL	1992	2,336	$245,001.10
☐	3) Lewis & Clark Caverns SP - Building - Garage & Storage	25 Lewis & Clark Cavern Rd	WHITEHALL	1963	2,880	$43,296.70
☐	3) Lewis & Clark Caverns SP - Building - Group Use Shelter	25 Lewis & Clark Cavern Rd	WHITEHALL	2002	620	$68,321.63
☐	3) Lewis & Clark Caverns SP - Building - Latrine	25 Lewis & Clark Cavern Rd	WHITEHALL	2002	77	$7,313.23
☐	3) Lewis & Clark Caverns SP - Building - Latrine	25 Lewis & Clark Cavern Rd	WHITEHALL	2002	77	$7,313.23
☐	3) Lewis & Clark Caverns SP - Building - Latrine	25 Lewis & Clark Cavern Rd	WHITEHALL	2005	77	$7,313.23
☐	3) Lewis & Clark Caverns SP - Building - Latrine	25 Lewis & Clark Cavern Rd	WHITEHALL	2005	100	$12,361.43
☐	3) Lewis & Clark Caverns SP - Building - Latrine	25 Lewis & Clark Cavern Rd	WHITEHALL	1936	170	$16,143.28
☐	3) Lewis & Clark Caverns SP - Building - New Pump House	25 Lewis & Clark Cavern Rd	WHITEHALL	1990	99	$13,213.90
☐	3) Lewis & Clark Caverns SP - Building - Prefab Log Cabin (1)	25 Lewis & Clark Cavern Rd	WHITEHALL	1993	224	$18,709.30

DEPARTMENT OF FISH, WILDLIFE & PARKS

☐	3) Lewis & Clark Caverns SP - Building - Prefab Log Cabin (2)	25 Lewis & Clark Cavern Rd	WHITEHALL	1993	224	$18,709.30
☐	3) Lewis & Clark Caverns SP - Building - Prefab Log Cabin (3)	25 Lewis & Clark Cavern Rd	WHITEHALL	1993	224	$18,709.30
☐	3) Lewis & Clark Caverns SP - Building - Pump House	25 Lewis & Clark Cavern Rd	WHITEHALL	2014	224	$134,238.48
☐	3) Lewis & Clark Caverns SP - Building - Pumphouse	25 Lewis & Clark Cavern Rd	WHITEHALL	1993	56	$2,834.78
☐	3) Lewis & Clark Caverns SP - Building - Shade Shelter	25 Lewis & Clark Cavern Rd	WHITEHALL	2021	320	$2,642.35
☐	3) Lewis & Clark Caverns SP - Building - Shop	25 Lewis & Clark Cavern Rd	WHITEHALL	2010	960	$311,243.68
☐	3) Lewis & Clark Caverns SP - Building - Storage Shed	25 Lewis & Clark Cavern Rd	WHITEHALL	1999	66	$3,344.33
☐	3) Lewis & Clark Caverns SP - Building - Storage Shed	25 Lewis & Clark Cavern Rd	WHITEHALL	1998	66	$3,344.33
☐	3) Lewis & Clark Caverns SP - Building - Storage Shed	25 Lewis & Clark Cavern Rd	WHITEHALL	2017	160	$6,512.35
☐	3) Lewis & Clark Caverns SP - Building - Ticket Booth	25 Lewis & Clark Cavern Rd	WHITEHALL	2001	64	$10,560.80
☐	3) Lewis & Clark Caverns SP - Building - Visitor Center 2010	25 Lewis & Clark Cavern Rd	WHITEHALL	2010	2,692	$695,700.23
☐	3) Lewis & Clark Caverns SP - Building - Visitor Center w/Restroom	25 Lewis & Clark Cavern Rd	WHITEHALL	1963	1,431	$303,423.05
☐	3) Piedmont Ponds FAS - Building - Latrine	Whitehall take Kountz Bridge R	WHITEHALL	1996	77	$8,483.90
☐	3) Silver Star FAS - Latrine ADA	15 mi S of Whitehall on Hwy 55	WHITEHALL	2004	77	$7,313.23
☐	3) Fishtrap Creek FAS - Building - Latrine ADA	23 mi NE of Wisdom on Hwy 4	WISDOM	1999	77	$8,483.90
☐	3) Fishtrap Creek FAS - Building - Latrine ADA	23 mi NE of Wisdom on Hwy 4	WISDOM	1999	77	$8,483.90
☐	3) Sportsmans Park FAS - Building - Latrine	Located on Hwy 43 - 14 mi W o	WISE RIVER	2008	77	$6,835.93
☐	3) Sportsmans Park FAS - Building - Latrine	Located on Hwy 43 - 14 mi W o	WISE RIVER	1980	144	$7,040.18
☐	4) Beartooth WMA - Building - Boys' Dormitory	Exit I-15@Wolf Crk-Missouri Ri	WOLF CREEK	1970	812	$23,681.18
☐	4) Beartooth WMA - Building - Bunkhouse	Exit I-15@Wolf Crk-Missouri Ri	WOLF CREEK	1970	924	$40,423.23
☐	4) Beartooth WMA - Building - Bunkhouse	Exit I-15@Wolf Crk-Missouri Ri	WOLF CREEK	1972	1,120	$22,937.28
☐	4) Beartooth WMA - Building - Cookhouse	Exit I-15@Wolf Crk-Missouri Ri	WOLF CREEK	1970	810	$23,624.20
☐	4) Beartooth WMA - Building - Duplex,cabin w/porch	Exit I-15@Wolf Crk-Missouri Ri	WOLF CREEK	1993	680	$98,467.85
☐	4) Beartooth WMA - Building - Elkhorn Creek Cabin	Exit I-15@Wolf Crk-Missouri Ri	WOLF CREEK	1980	416	$35,094.45
☐	4) Beartooth WMA - Building - Garage	Exit I-15@Wolf Crk-Missouri Ri	WOLF CREEK	1976	1,120	$109,052.30
☐	4) Beartooth WMA - Building - Garage Shop & Implement Shop	Exit I-15@Wolf Crk-Missouri Ri	WOLF CREEK	1977	2,000	$108,328.83
☐	4) Beartooth WMA - Building - Girls' Dormitory	Exit I-15@Wolf Crk-Missouri Ri	WOLF CREEK	1970	812	$23,681.18
☐	4) Beartooth WMA - Building - Guest House 1 /Cook-Dining	Exit I-15@Wolf Crk-Missouri Ri	WOLF CREEK	1970	1,118	$67,229.43
☐	4) Beartooth WMA - Building - Horse Barn	Exit I-15@Wolf Crk-Missouri Ri	WOLF CREEK	1970	3,128	$53,701.63

DEPARTMENT OF FISH, WILDLIFE & PARKS

☐	4) Beartooth WMA - Building - Latrine	Exit I-15@Wolf Crk-Missouri Ri	WOLF CREEK	2010	77	$7,637.88
☐	4) Beartooth WMA - Building - Latrine ADA	Exit I-15@Wolf Crk-Missouri Ri	WOLF CREEK	1995	77	$8,483.90
☐	4) Beartooth WMA - Building - Latrine ADA	Exit I-15@Wolf Crk-Missouri Ri	WOLF CREEK	1999	77	$8,483.90
☐	4) Beartooth WMA - Building - Latrine ADA	Exit I-15@Wolf Crk-Missouri Ri	WOLF CREEK	1999	77	$8,483.90
☐	4) Beartooth WMA - Building - Machine Shop	Exit I-15@Wolf Crk-Missouri Ri	WOLF CREEK	1970	520	$26,342.88
☐	4) Beartooth WMA - Building - Main Lodge	Exit I-15@Wolf Crk-Missouri Ri	WOLF CREEK	1977	2,700	$168,449.28
☐	4) Beartooth WMA - Building - Pump House (new area)	Exit I-15@Wolf Crk-Missouri Ri	WOLF CREEK	1970	48	$6,405.93
☐	4) Beartooth WMA - Building - Pump House (old area)	Exit I-15@Wolf Crk-Missouri Ri	WOLF CREEK	1970	48	$6,405.93
☐	4) Beartooth WMA - Building - Quonset Barn	Exit I-15@Wolf Crk-Missouri Ri	WOLF CREEK	1994	9,600	$138,766.38
☐	4) Craig FAS - Building - Latrine	133 Frank Dr	WOLF CREEK	2002	77	$6,834.85
☐	4) Craig FAS - Building - Latrine	133 Frank Dr	WOLF CREEK	2002	77	$7,313.23
☐	4) Lichen Cliff FAS - Building - Latrine	2760 S. Recreation Rd	WOLF CREEK	1996	77	$8,483.90
☐	4) Prickley Pear FAS - Building - Latrine	3030 S. Recreation Rd	WOLF CREEK	1996	77	$8,483.90
☐	4) Sterling Ranch Bull Pasture FAS - Building - Latrine	1 plus mi up Beartooth Rd fro	WOLF CREEK	2010	77	$7,637.88
☐	4) Sterling Ranch Lone Tree FAS - Building - Latrine	6 mi S of Craig MT on Frontage	WOLF CREEK	2010	77	$7,637.88
☐	4) Wolf Creek Bridge FAS - Building - Latrine	1374 Craig Frontage Rd	WOLF CREEK	2018	77	$6,577.93
☐	4) Wolf Creek Bridge FAS - Building - Latrine	1374 Craig Frontage Rd	WOLF CREEK	2018	77	$6,576.85
☐	6) Lewis & Clark FAS - Building - Latrine ADA	6 mi SW of Wolf Point - Hwy 13	WOLF POINT	2002	77	$10,339.35
☐	6) Lewis & Clark FAS - Building - Latrine ADA	6 mi SW of Wolf Point - Hwy 13	WOLF POINT	2002	77	$10,339.35
☐	5) Bundy Bridge FAS - Building - Latrine	2976 N 29th Rd	WORDEN	2006	77	$8,157.10
☐	5) Gritty Stone FAS - Building - Latrine ADA	.5mi W of Worden Hwy 312, N	WORDEN	1991	77	$8,483.90
☐	5) Voyagers Rest FAS - Building - Latrine ADA	2999 N 18th Rd	WORDEN	1998	77	$8,483.90

DEPARTMENT OF FISH, WILDLIFE & PARKS: 1297 Buildings **TOTAL SQ FT: 898,051** **TOTAL CRV: $98,455,898.15**

DEPARTMENT OF JUSTICE

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	MHP-LOST CREEK MICROWAVE TOWER	923 W 5TH ST	ANACONDA		-00	$72.03
☐	MHP - Jette Lake County Microwave Tower	2 miles SE of Big Arm	BIG ARM		-00	$0.00
☑	Administration bldg 7	310 4th Avenue	BOULDER	1996	8,099	$1,315,981.68
☑	ATF	310 4th Avenue	BOULDER	1996	4,974	$938,815.78
☑	Bldg 1	310 4th Avenue	BOULDER	1996	3,362	$176,896.63
☑	Bldg 100 (historic)	310 4th Avenue	BOULDER	1896	17,988	$392,680.30
☑	BLDG 2	310 4th Avenue	BOULDER	1996	3,362	$176,896.63
☑	BLDG 3	310 4th Avenue	BOULDER	1996	4,041	$212,622.10
☑	BLDG 4	310 4th Avenue	BOULDER	1996	4,041	$212,622.10
☑	BLDG 5	310 4th Avenue	BOULDER	1996	4,653	$244,822.65
☑	BLDG 6	310 4th Avenue	BOULDER	1996	4,653	$244,822.65
☑	Chapel	Grizzly Drive MDC	BOULDER	2003	3,043	$189,117.23
☑	Equipment Storage 36A	310 4th Avenue	BOULDER	1945	1,428	$21,465.60
☑	Industries/Heating bldg 9	310 4th Avenue	BOULDER	1996	8,437	$1,323,989.35
☑	Maintenance Shop BLDG 11	310 4th Avenue	BOULDER	1996	7,668	$795,480.65
☑	Nutrition/Distribution BLDG 10A-10B	310 4th Avenue	BOULDER	1990	8,689	$1,110,304.08
☑	Recreation 102	310 4th Avenue	BOULDER	1950	21,357	$3,779,594.65
☑	STORAGE QUONSET 20A	310 4th Avenue	BOULDER	1945	1,197	$17,995.50
☑	Storage Quonset 20b	310 4th Avenue	BOULDER	1945	1,197	$17,995.50
☑	Treatment BLDG 8	310 4th Avenue	BOULDER	1996	16,000	$2,338,943.08
☑	Warehouse Storage 20	310 4th Avenue	BOULDER	1955	6,405	$449,668.20
☑	Butte Justice Center	3615 Wynn St	BUTTE	2014	18,808	$3,598,379.75
☐	MHP - FLEECER MICROWAVE TOWER	BUTTE SILVERBOW COUNTY	BUTTE		-00	$0.00
☐	MHP - Sullivan A Microwave Tower	15 miles W of Cascade	CASCADE		-00	$0.00
☐	MHP - Sullivan Microwave Tower	15 miles W of Cascade	CASCADE		-00	$0.00
☐	MHP - WAPA (Blaine County) Microwave Tower	7 miles NW of Chinook	CHINOOK		-00	$0.00
☐	MHP-SHANE RIDGE MICROWAVE TOWER	15 miles SE of Columbus	COLUMBUS		-00	$0.00
☐	MHP - Culbertson Microwave Tower	3 miles NE of Culbertson	CULBERTSON		-00	$0.00

DEPARTMENT OF JUSTICE

☐	MHP - Santa Rita Glacier County Microwave Tower	8 miles N of Santa Rita	CUT BANK		-00	$0.00
☐	MHP - Teton Microwave Tower	2 miles S of Dutton	DUTTON		-00	$0.00
☐	MHP - Deadman McCone Cnty Microwave Tower	8 miles NE of Fort Peck	FORT PECK		-00	$0.00
☐	MHP - Garneill (Pinkim Moved) Microwave Tower	2 miles NE Garneill	GARNEILL		-00	$0.00
☐	MHP - Gideon (Valley County) Microwave Tower	4.8 miles SW of Glasgow	GLASGOW		-00	$0.00
☐	MHP - Highway Patrol, Glendive	76 Highway 16	GLENDIVE	1975	1,536	$201,055.10
☐	MHP - Highway Patrol, Glendive - Garage	76 Highway 16	GLENDIVE		660	$28,814.30
☐	MHP Glendive Evidence Storage Building	304 Colorado	GLENDIVE	2021	7,920	$3,762,500.00
☐	MHP-BELLE PRARIE MICROWAVE	207 W BELL ST	GLENDIVE		-00	$0.00
☐	MHP - Flying J Microwave Tower	Great Falls	GREAT FALLS		-00	$0.00
☐	MHP - Gore Hill Microwave Tower	Great Falls	GREAT FALLS		-00	$0.00
☐	MHP - Cooney Microwave Tower	8.5 miles SE of Harlowtown	HARLOWTON		-00	$0.00
☐	MHP - Hill County Sheriff's Office Microwave Tower	1.5 miles W of Havre	HAVRE		-00	$0.00
☐	MHP #1 Mountain Tower	Section 23, Township 30 North,	HAVRE		-00	$0.00
☐	MHP - Fort Harris Microwave Tower	Helena	HELENA		-00	$0.00
☐	MHP - Hogback Microwave Tower	13 miles NE of Helena	HELENA		-00	$0.00
☐	MHP - Spare Parts 1 Microwave Tower	3136 E Lyndale	HELENA		-00	$0.00
☐	MHP - Spare Parts 2 Microwave Tower	3136 E Lyndale	HELENA		-00	$0.00
☐	MHP - Spare Parts 3 Microwave Tower	3136 E Lyndale	HELENA		-00	$0.00
☐	MHP - Spare Parts 4 Microwave Tower	3136 E Lyndale	HELENA		-00	$0.00
☐	MHP-L & C County micro towers parts	3136 E Lyndale	HELENA		-00	$0.00
☐	MHP-VARIOUS PARTS FOR MICROWAVES	3136 E Lyndale	HELENA		-00	$0.00
☑	MLEA - Aspen Cottage	2260 Sierra Rd. East	HELENA	1926	7,888	$659,629.68
☑	MLEA - Cafeteria	2260 Sierra Rd. East	HELENA	1960	3,650	$597,204.43
☑	MLEA - Clinic Building	2260 Sierra Rd. East	HELENA	1969	2,016	$218,209.95
☑	MLEA - Cottonwood Cottage	2260 Sierra Rd. East	HELENA	1960	7,260	$744,793.33
☑	MLEA - Employee's Cottage	2260 Sierra Rd. East	HELENA	1940	1,250	$36,457.55
☑	MLEA - Four-Stall Garage	2260 Sierra Rd. East	HELENA	1950	1,056	$15,873.45
☑	MLEA - Gymnasium	2260 Sierra Rd. East	HELENA	1926	8,764	$727,759.95

DEPARTMENT OF JUSTICE

☑	MLEA - Maple Cottage No. 2	2260 Sierra Rd. East	HELENA	1920	15,665	$2,416,862.30
☐	MLEA - Pedestrian Bridge	2260 Sierra Road	HELENA	2021	480	$224,675.00
☑	MLEA - Pump House	2260 Sierra Rd. East	HELENA	1940	506	$67,540.10
☑	MLEA - School Building & Administration	2260 Sierra Rd. East	HELENA	1920	13,321	$2,130,902.63
☑	MLEA - Sewage Pump House	2260 Sierra Rd. East	HELENA		160	$21,354.88
☑	MLEA - Shop - Maintenance & Repair	2260 Sierra Rd. East	HELENA	1969	2,446	$132,489.45
☑	MLEA - Spruce Cottage	2260 Sierra Rd. East	HELENA	1920	12,932	$1,953,151.38
☑	MLEA - Water Tank & Tower	2260 Sierra Rd. East	HELENA	1950	-00	$470,689.83
☑	MLEA Storage Garage	2260 Sierra Rd East	HELENA	2019	3,000	$112,612.70
☑	MLEA Training Facility	2260 SIERRA ROAD EAST	HELENA	2010	15,500	$4,108,944.55
☐	MHP - Hinsdale/Valley County Microwave Tower	2.5 miles SW of Hinsdale	HINSDALE		-00	$0.00
☐	MHP Hysham Tower	Section 10, Township 5 North,	HYSHAM		-00	$0.00
☐	MHP - Kalispell Dispatch Microwave Tower	3.5 miles NW of Kalispell	KALISPELL		-00	$0.00
☐	MHP - Kalispell Water Tower Microwave Tower	Kalispell	KALISPELL		-00	$0.00
☐	MHP - Black Tail Microwave Tower	5 miles E of Lakside	LAKESIDE		-00	$0.00
☐	MHP - South Moccasin (Fergus) Microwave Tower	10 miles NW of Lewistown	LEWISTOWN		-00	$0.00
☐	MHP Little Wolf Tower	Miles City	MILES CITY		-00	$258,658.98
☑	FSD - Forensics, Missoula	2679 Palmer Street	MISSOULA	1999	31,145	$7,167,954.88
☐	MHP - Plentywood (Sheridan County) Microwave Tower	7 miles S of Plentywood	PLENTYWOOD		-00	$0.00
☐	MHP - Saco Phillips County Microwave Tower	6 miles E of Saco	SACO		-00	$0.00
☐	MHP - Scobey Microwave Tower	4 miles E of Scobey	SCOBEY		-00	$0.00
☐	MHP - Belgian Hills Pondera Cnty Microwave Tower	10 NE Valier	VALIER		-00	$0.00
☐	MHP - Big Mountain Microwave Tower	7 miles North of Whitefish	WHITEFISH		-00	$0.00
☐	MHP - Mt Royal (leased by MDT) Microwave Tower	7 miles SE of Whitlash	WHITLASH		-00	$0.00
☐	MHP - Wirth Ranch Microwave Tower	1.5 miles W of Wolf Creek	WOLF CREEK		-00	$0.00
☐	MHP - Antonine Phillips Cnty Microwave Tower	17 km W of HWY 191	ZORTMAN		-00	$0.00
DEPARTMENT OF JUSTICE: 83 Buildings			**TOTAL SQ FT:**	**286,557**	**TOTAL CRV:**	**$43,617,300.48**

DEPARTMENT OF LABOR & INDUSTRY

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	Billings UI Phone Claims	624 N 24th St	BILLINGS	1958	13,200	$1,944,128.90
☐	Bozeman Job Service	121 N Willson	BOZEMAN	1973	8,181	$1,157,828.75
☐	Butte Job Service	2201 White Blvd.	BUTTE	2000	7,000	$986,668.33
☐	Glendive Job Service	211 S Kendrick	GLENDIVE	1960	1,500	$184,029.25
☐	Glendive Job Service Storage Shed	211 S Kendrick	GLENDIVE		67	$3,055.15
☐	Great Falls Job Service	1018 7th St S	GREAT FALLS	1971	18,576	$2,740,607.15
☐	Havre Job Service	160 First Ave	HAVRE	2000	3,804	$437,989.40
☐	Havre Job Service Storage Shed	160 First Ave	HAVRE		68	$2,969.15
☐	Helena Job Service	715 Front St	HELENA	1974	9,400	$1,837,428.70
☐	Kalispell Job Service	427 1st Ave E	KALISPELL	1956	8,720	$1,591,136.53
☐	Miles City Job Service	12 N 10th St	MILES CITY	1959	3,000	$368,060.65
☐	Missoula 3rd St Job Service	539 S 3rd St W	MISSOULA	1972	9,700	$1,113,965.53
☐	Polson Job Service #1	417 B Main St	POLSON	1982	2,300	$282,179.98
DEPARTMENT OF LABOR & INDUSTRY: 13 Buildings			**TOTAL SQ FT:**	**85,516**	**TOTAL CRV:**	**$12,650,047.45**

DEPARTMENT OF MILITARY AFFAIRS

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Anaconda Armory	101 N Polk	ANACONDA	1970	8,817	$1,658,721.78
☑	Anaconda P.O.L.	102 N Polk	ANACONDA		192	$9,726.60
☑	Belgrade Haz. Waste Storage	350 Airport Road	BELGRADE		78	$1,173.90
☐	Belgrade Organizational Maintenance Shop	350 Airport Road	BELGRADE	1991	10,218	$1,061,610.88
☑	Belgrade Storage 1	350 Airport Road	BELGRADE	1991	1,000	$50,662.60
☐	Belgrade Storage 2	350 Airport Road	BELGRADE	2003	3,000	$108,682.50
☐	Belgrade Storage 3	350 Airport Road	BELGRADE	2003	120	$4,347.30
☑	Gallatin Readiness Center	350 Airport Road	BELGRADE	2003	50,132	$9,894,922.43
☑	Billings AFRC	2915 Gabel Road	BILLINGS	1999	128,940	$23,385,518.83
☐	Billings Haz Waste Storage (AFRC)	2915 Gabel Road	BILLINGS	1999	96	$3,477.63
☐	Billings Haz Waste Storage (OMS)	5043 Neibauer Lane	BILLINGS		221	$8,006.60
☐	Billings Haz. Waste Storage	5043 Neibauer Lane	BILLINGS	1994	78	$1,173.90
☑	Billings Indoor Range (MIRF)	5043 Neibauer Lane	BILLINGS	1988	6,881	$407,236.88
☐	Billings OMS Storage	5043 Neibauer Road	BILLINGS	1990	1,000	$50,662.60
☐	Billings OMS-6, Bay Addition	5403 Neibauer Lane	BILLINGS	1990	1,000	$50,662.60
☐	Billings Organizational Maintenance Shop	5043 Neibauer Lane	BILLINGS	1988	8,603	$963,632.15
☐	Billings Storage (AFRC)	2915 Gabel Road	BILLINGS		4,000	$144,910.00
☑	Billings Supply	5043 Neibauer Lane	BILLINGS	1988	200	$10,437.18
☑	Butte Armory	600 Gilman St	BUTTE	2000	12,873	$2,508,182.48
☑	Butte Armory Annex	600 Gilman St	BUTTE	2000	4,189	$664,740.23
☑	Butte Armory Supply	600 Gilman St	BUTTE	1988	400	$20,263.75
☑	Butte Maintenance Shop	600 Gilman St	BUTTE	1977	4,078	$220,884.55
☑	Butte P.O.L.	600 Gilman St	BUTTE		132	$6,687.58
☑	Butte Readiness Center Hazardous Material Storage	600 Gilman	BUTTE	2008	128	$6,104.93
☑	Culbertson Armory	819 6th Avenue East	CULBERTSON	1980	15,219	$2,038,170.98
☑	Culbertson Flammable Storage	819 6th Avenue East	CULBERTSON		196	$2,945.50
☑	Culbertson Haz. Waste Storage	821 6th Avenue East	CULBERTSON		78	$1,173.90
☐	Culbertson OMS	821 6th Avenue East	CULBERTSON	1990	8,531	$913,994.03

DEPARTMENT OF MILITARY AFFAIRS

☐	Culbertson OMS Storage	819 6th Avenue East	CULBERTSON		1,000	$50,662.60
☐	Culbertson Organizational Shop No. 4	819 6th Avenue East	CULBERTSON	1980	1,944	$105,295.18
☑	Culbertson P.O.L.	821 6th Avenue East	CULBERTSON		192	$9,726.60
☑	Dillon Readiness Center	1070 Highway 41	DILLON	2000	28,107	$5,508,069.95
☐	Dillon Storage	1070 Highway 41	DILLON	2006	3,200	$115,928.00
☐	Committal Shelter	3550 Heroes Road	FORT HARRISON	2014	900	$45,055.40
☑	DES Mobile Command Post Storage	1956 MT Majo Street	FORT HARRISON	2008	1,080	$266,419.40
☑	Glasgow Armory	81 Airport Road	GLASGOW	1970	8,669	$1,052,328.25
☑	Glasgow Armory Supply	81 Airport Road	GLASGOW	1988	500	$25,332.38
☑	Glasgow Multi-Purp Indoor Range Facility	81 Airport Road	GLASGOW	1992	6,538	$653,946.15
☑	Glasgow P.O.L.	81 Airport Road	GLASGOW		192	$9,726.60
☐	Glasgow Storage Building	81 Airport Road	GLASGOW	2009	80	$2,898.20
☑	Havre Armory Annex	1050 2nd St West	HAVRE	1985	4,159	$544,390.75
☑	Havre Reserve Center	1050 2nd St West	HAVRE	1970	22,660	$4,605,373.10
☑	Helena 1049th Armory	2199 Williams Street	HELENA		2,384	$312,052.08
☑	Helena Haz. Waste Storage	2177 Williams Street	HELENA		78	$1,173.90
☐	Helena OMS	2177 Williams Street	HELENA	1971	19,272	$1,860,697.08
☐	Helena OMS Storage	2177 Williams Street	HELENA		300	$4,508.55
☐	Maint Bldg - Cemetery (A/E93-33-11)	1892 Williams Street	HELENA	1994	2,644	$143,212.58
☑	Womack Armory	Womack Bldg, Ft Harrison	HELENA	1971	20,747	$3,135,646.00
☑	Kalispell AFRC	2989 Hwy 93 North	KALISPELL	2005	50,362	$11,786,421.48
☑	Kalispell AFRC Fire Pump Building	2989 Hwy 93 North	KALISPELL	2005	872	$450,995.83
☑	Kalispell AFRC Storage	2989 Hwy 93 North	KALISPELL	2005	4,637	$300,666.75
☑	Kalispell Haz. Waste Storage	2987 Hwy 93 North	KALISPELL		78	$1,173.90
☐	Kalispell OMS Storage	2987 Hwy 93 North	KALISPELL		1,000	$50,662.60
☐	Kalispell Organizational Maint Shop No. 2	2987 Hwy 93 North	KALISPELL	1989	9,688	$964,036.35
☑	Lewistown Armory	190 Armory Road	LEWISTOWN	1960	9,664	$956,925.23
☑	Lewistown P.O.L.	190 Armory Road	LEWISTOWN		192	$9,726.60
☑	Libby Armory	1004 Treasure Ave.	LIBBY	1990	20,762	$2,504,992.95

DEPARTMENT OF MILITARY AFFAIRS

☑	Livingston Armory	24 Fleshman Creek Road	LIVINGSTON	1991	16,868	$2,230,865.80
☑	Malta Armory	HC 72, 1 Mile S. Hwy 191	MALTA	1965	9,176	$1,112,461.60
☑	Malta Armory Storage	HC 72, 1 Mile S. Hwy 191	MALTA	1988	700	$35,464.25
☑	Malta P.O.L.	HC 72, 1 Mile S. Hwy 191	MALTA		192	$9,726.60
☑	Malta Readiness Center (New)	509 South 10th Ave	MALTA	2020	32,921	$13,763,854.95
☑	Malta Repair Bays (New)	509 South 10th Ave	MALTA		8,600	$2,873,910.38
☑	Flammable Storage Facility Miles City	1020 N. Haynes Ave.	MILES CITY	2015	392	$280,618.00
☐	Haz Material Storage	1020 N. Haynes Ave.	MILES CITY	2014	292	$10,578.00
☐	Maint Bldg - Cemetery Miles City	Highway 59 & Cemetery Road	MILES CITY	2001	2,425	$131,349.95
☑	Miles City Readiness Center	1020 N Haynes Ave.	MILES CITY	2015	31,721	$14,947,968.53
☑	National Guard Covered Vehicle Storage Miles City	1020 N. Haynes Ave.	MILES CITY	2015	18,914	$794,959.28
☑	National Guard Maintenance Training Building Miles City	1	MILES CITY	2015	3,086	$841,855.08
☑	National Guard Unheated Storage Miles City	1020 N. Haynes Ave.	MILES CITY	2015	3,701	$243,076.85
☑		9383 Running West Road	MISSOULA	2010	65,932	$16,566,483.15
☑	Missoula Armed Forces Reserve Center AMSA/OMS SHOP	9407 Running West Road Build	MISSOULA	2010	13,293	$3,057,352.68
☑	Missoula Armed Forces Reserve Center Cold Storage	9407 Running W Road Building	MISSOULA	2010	5,530	$258,138.68
☐	Western Mt State Veterans Cemetery Admin	1911 Tower Road	MISSOULA	2008	2,015	$232,678.38
☐	Western MT State Veterans Cemetery Rest Rooms	1911 Tower Road	MISSOULA	2008	298	$23,663.98
☐	Western MT State Veterans Cemetery Shop	1911 Tower Road	MISSOULA	2008	2,171	$110,678.78
DEPARTMENT OF MILITARY AFFAIRS: 76 Buildings			**TOTAL SQ FT:**	**710,528**	**TOTAL CRV:**	**$137,202,443.50**

DEPARTMENT OF NATURAL RESOURCES

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Anaconda Bunkhouse	1300 Maguire Rd	ANACONDA		288	$8,397.90
☑	Anaconda Cookhouse	1300 Maguire Rd	ANACONDA		288	$8,397.90
☑	Anaconda Frame Storage Shed #1	1300 Maguire Rd	ANACONDA		224	$3,369.05
☑	Anaconda Frame Storage Shed #2	1300 Maguire Rd	ANACONDA		616	$3,369.05
☑	Anaconda Log Storage Shed	1300 Maguire Rd	ANACONDA		864	$12,990.30
☑	Anaconda Office & Shop	1300 Maguire Rd	ANACONDA		3,180	$390,142.23
☑	Anaconda Oil House	1300 Maguire Rd	ANACONDA		128	$6,485.48
☑	Anaconda Storage Garage	1300 Maguire Rd	ANACONDA		570	$23,203.88
☑	Saddle Mountain Lookout	Saddle Mountain	ANACONDA	1941	300	$8,749.43
☑	Swan Lake Bunkhouse	34925 MT Hwy 83	BIGFORK		1,242	$36,222.13
☑	Swan Lake Conference Room	34925 MT Hwy 83	BIGFORK		520	$15,167.18
☑	Swan Lake Fire Cache & Shop	12 miles S of Swan Lake at MM	BIGFORK		1,680	$90,995.53
☑	Swan Lake Log Recreation Room	34925 MT Hwy 83	BIGFORK		561	$29,516.28
☑	Swan Lake Lumber Shed	34925 MT Hwy 83	BIGFORK		1,365	$69,153.68
☑	Swan Lake Napa	Napa Point Road	BIGFORK		300	$8,749.43
☑	Swan Lake Oil House	34925 MT Hwy 83	BIGFORK		563	$8,460.25
☑	Swan Lake Old Bunkhouse/Carpenter Shop	34925 MT Hwy 83	BIGFORK		3,926	$198,898.65
☑	Swan Lake Open Storage Shed	34925 MT Hwy 83	BIGFORK		2,289	$26,429.95
☑	Swan Lake Parking Structure	34925 MT Hwy 83	BIGFORK	2015	2,800	$144,203.73
☑	Swan Lake Pump House	34925 MT Hwy 83	BIGFORK		120	$16,017.50
☑	Swan Lake Residence Log Storage Building	34925 MT Hwy 83	BIGFORK		115	$1,730.75
☑	Swan Lake Snowmobile Storage	34925 MT Hwy 83	BIGFORK		460	$23,304.93
☑	Swan Lake Superintendent's Garage	34925 MT Hwy 83	BIGFORK		864	$48,201.93
☑	Swan Lake Superintendent's Residence	34925 MT Hwy 83	BIGFORK		1,692	$89,028.28
☑	Swan Lake Superintendent's Storage Building #1	34925 MT Hwy 83	BIGFORK		64	$962.13
☑	Swan Lake Unit Office	34925 MT Hwy 83	BIGFORK		1,632	$200,225.20
☑	BOGC Field Office-Billings	2535 St John Ave	BILLINGS	1978	14,886	$1,134,561.45
☑	Painted Rocks Gate House (WRD)	W. Fork, Bitteroot Project	CONNER		346	$29,190.55

DEPARTMENT OF NATURAL RESOURCES

☐	Emigrant Center Pivot	South of Emigrant SW 1/4 of se	EMIGRANT		1	$0.00
☑	Garrison Bunkhouse	321 Hwy 12 East	GARRISON		2,688	$78,393.30
☑	Garrison Office & Fire Cache	321 Hwy 12 East	GARRISON		2,100	$257,640.95
☑	Garrison Pump House	321 Hwy 12 East	GARRISON		42	$2,128.50
☑	Garrison Radio Bldg (Rocky Ridge)	Rocky Ridge	GARRISON		400	$33,748.55
☑	Garrison Storage Building	321 Hwy 12 East	GARRISON		100	$4,117.25
☑	Garrison Storage Lean-To	321 Hwy 12 East	GARRISON		100	$4,117.25
☐	NELO Glasgow Unit Storage	224 6th St South	GLASGOW	2021	168	$6,086.65
☑	Clearwater Administrative Office	48455 South Sperry Grade Rd	GREENOUGH	1983	1,500	$152,674.73
☑	Clearwater Bunkhouse #1-Log	48455 South Sperry Grade Rd	GREENOUGH	1983	1,400	$26,247.20
☑	Clearwater Bunkhouse #2-Trailer	48455 South Sperry Grade Rd	GREENOUGH		840	$103,054.88
☑	Clearwater Engine Bay Lean-To	48455 South Sperry Grade Rd	GREENOUGH	1991	1,200	$53,923.08
☑	Clearwater Fire Cache-Office-Dispatch	48455 South Sperry Grade Rd	GREENOUGH	2007	2,800	$136,399.23
☑	Clearwater Garage & Shop	48455 South Sperry Grade Rd	GREENOUGH		628	$34,017.30
☑	Clearwater Oil Shed	48455 South Sperry Grade Rd	GREENOUGH		121	$1,817.83
☑	Clearwater Pump House	48455 South Sperry Grade Rd	GREENOUGH		64	$8,544.10
☑	Clearwater Storage Garage	48455 South Sperry Grade Rd	GREENOUGH	1990	500	$21,015.18
☑	Clearwater Storage Hot House	48455 South Sperry Grade Rd	GREENOUGH	1990	100	$4,204.33
☑	Clearwater Storage Shed	48455 South Sperry Grade Rd	GREENOUGH	1998	200	$10,131.88
☑	Clearwater Storage/Lean-to	48455 South Sperry Grade Rd	GREENOUGH	2008	800	$33,623.85
☑	Clearwater Unit Manager's House	48455 South Sperry Grade Rd	GREENOUGH	1983	4,662	$450,372.33
☐	NELO Havre Unit	210 6th Ave	HAVRE		66	$2,464.98
☑	CLO Bunkhouse (7975A)	8001 N Montana Ave	HELENA		300	$8,749.43
☑	CLO Cold Storage (8001F)	8001 N Montana Ave	HELENA	1991	2,200	$111,456.00
☑	CLO Equipment Storage (8001E)	8001 N Montana Ave	HELENA	1973	2,400	$121,587.88
☑	CLO Fire Management Building (8001B)	8001 N Montana Ave	HELENA	1991	1,665	$204,272.58
☑	CLO Helena Interagency Dispatch (8001D)	8001 N Montana Ave	HELENA	2011	1,400	$148,025.35
☑	CLO Helibase Pilot Shack (8001I)	8001 N Montana Ave	HELENA		120	$5,241.70
☑	CLO Helitack Equipment Storage (8001G)	8001 N Montana Ave	HELENA		160	$6,984.28

DEPARTMENT OF NATURAL RESOURCES

☑	CLO Helitack Operations Mobile Office (8001H)	8001 N Montana Ave	HELENA	1998	320	$33,833.48
☑	CLO Mechanic Shop & Fire Cache (8001J)	8001 N Montana Ave	HELENA	1991	5,000	$279,323.70
☑	CLO New Area Office (8001A)	8001 N Montana Ave	HELENA	2010	7,790	$1,462,252.63
☑	CLO Old Area Office (8001C)	8001 N Montana Ave	HELENA	1991	2,000	$235,937.78
☑	CLO Seasonal Housing Mobile Home (7975B)	7975 N. Montana Ave.	HELENA	2010	896	$25,177.58
☑	CLO Seasonal Housing Mobile Home (7975C)	7975 N. Montana Ave.	HELENA	2010	896	$25,177.58
☑	CLO Storage	8001 N Montana Ave	HELENA		300	$15,196.20
☑	CLO Storage Shed	8001 N Montana Ave	HELENA		120	$5,241.70
☑	CLO Well & Pump House	8001 N Montana Ave	HELENA		120	$6,080.20
☑	Rogers Mountain Lookout	Rogers Mountain	HELENA		300	$8,749.43
☑	NWLO Fire Cache	655 Timberwolf Parkway, Suite	KALISPELL	2009	5,285	$963,725.68
☑	NWLO Helicopter Hanger	A-8 Ryan Lane	KALISPELL	2006	3,600	$197,949.43
☑	NWLO Meadow Peak Lookout	Meadow Peak	KALISPELL		300	$8,749.43
☑	NWLO Office Building	655 Timberwolf Parkway	KALISPELL	2009	16,560	$3,051,992.73
☑	NWLO Radio Transmitter Cabin (Big Mountain)	Big Mountian	KALISPELL		120	$1,803.85
☑	NWLO Seedling Cooler / Storage Building	655 Timberwolf Parkway	KALISPELL	2010	2,272	$194,181.55
☑	NELO Engine Shelter	131 Horizon Drive	LEWISTOWN	2011	1,800	$84,023.08
☑	Calx Mountain Lookout	Calx Mountain	LIBBY		300	$12,955.90
☑	Libby Bunkhouse	177 State Lands Office Road	LIBBY		2,000	$129,556.85
☑	Libby Oil House	177 State Lands Office Road	LIBBY		104	$10,364.08
☑	Libby OU3 Storage Shed	177 State Lands Office Road	LIBBY	2013	375	$15,441.30
☑	Libby Residence	177 State Lands Office Road	LIBBY		1,536	$155,468.65
☑	Libby Shop Fire Cache	177 State Lands Office Road	LIBBY		1,800	$129,556.85
☑	Libby Unit Office	177 State Lands Office Road	LIBBY	1965	2,688	$306,705.03
☑	Libby Vehicle Storage Shed 1120	177 State Lands Office Road	LIBBY	2018	1,120	$44,724.30
☑	Libby Vehicle Storage Shed 1825	177 State Lands Office Road	LIBBY		1,825	$27,708.13
☑	Libby Vehicle Storage Shed 2100	177 State Lands Office Road	LIBBY		2,100	$27,708.13
☑	Libby Water Pump House	177 State Lands Office Road	LIBBY		42	$2,128.50
☑	NWLO Calx Mountain Radio Building	Calx Mountain	LIBBY		200	$32,389.75

DEPARTMENT OF NATURAL RESOURCES

☑	Lincoln Engine Bay Lean-To	355 Sucker Creek Road	LINCOLN	2000	1,200	$53,923.08
☑	Lincoln Fire Cache	355 Sucker Creek Road	LINCOLN	1995	380	$15,972.35
☑	Lincoln Office	355 Sucker Creek Road	LINCOLN	2000	1,456	$178,631.68
☑	Lincoln Oil House	355 Sucker Creek Road	LINCOLN		100	$5,067.55
☑	Lincoln Shop	355 Sucker Creek Road	LINCOLN		1,000	$50,662.60
☑	NWLO Marion Bunkhouse-Office	1700 Pleasant Valley	MARION	1987	2,688	$329,780.98
☑	NWLO Marion Office-Firecache	1700 Pleasant Valley	MARION		2,016	$102,135.75
☐	Tongue River Ranch- Barn	3 Miles N of MM 20, Hwy 332	MILES CITY	1982	1,800	$20,813.08
☐	Tongue River Ranch- Center Pivot	3 Miles N of MM 20, Hwy 332	MILES CITY		1	$249,782.70
☐	Tongue River Ranch- Home	3 Miles N of MM 20, Hwy 332	MILES CITY	1928	884	$143,114.75
☐	Tongue River Ranch- Quonset	3 Miles N of MM 20, Hwy 332	MILES CITY	1985	960	$16,653.90
☐	Tongue River Ranch- Shop	3 Miles N of MM 20, Hwy 332	MILES CITY	1983	7,500	$173,462.00
☑	Forest Management Bureau Office Building	2823 Spurgin Road	MISSOULA		3,640	$249,297.88
☑	Forest Management Vehicle Structure	2823 Spurgin Road	MISSOULA	2019	1,440	$57,789.85
☑	Forestry Campus Maintenance Shop	2823 Spurgin Road	MISSOULA		860	$41,947.58
☑	Forestry EDC Insulated Container #1	3125 Spurgin Road	MISSOULA		288	$10,756.45
☑	Forestry EDC Insulated Container #2	3125 Spurgin Road	MISSOULA		288	$10,756.45
☑	Forestry EDC Insulated Container #3	3125 Spurgin Road	MISSOULA		288	$10,756.45
☑	Forestry EDC Insulated Container #4	3125 Spurgin Road	MISSOULA		288	$10,756.45
☑	Forestry EDC Shop	3125 Spurgin Road	MISSOULA	1975	8,750	$324,749.98
☑	Forestry EDC Storage Warehouse	3125 Spurgin Road	MISSOULA		11,250	$443,292.38
☑	Forestry FAB Storage Shed	2823 Spurgin Road	MISSOULA		1,110	$16,688.30
☑	Forestry File Storage Building	2823 Spurgin Road	MISSOULA		340	$5,112.70
☑	Forestry Headquarters	2705 Spurgin Road	MISSOULA	1964	13,354	$3,009,667.83
☑	Forestry IT Building	2775 Spurgin Road	MISSOULA	2014	1,750	$174,505.83
☑	Forestry IT Building Garage	2775 Spurgin Road	MISSOULA		460	$18,942.58
☑	Forestry Mechanic Shop	2823 Spurgin Road	MISSOULA	2018	3,220	$405,035.28
☑	Forestry-Carport 12 Space	2705 Spurgin Road	MISSOULA	2016	2,378	$103,757.93
☑	Forestry-Carport 6 Space	2705 Spurgin Road	MISSOULA	2016	1,189	$51,878.43

DEPARTMENT OF NATURAL RESOURCES

☐	GNA Storage Shed	2705 Spurgin Road	MISSOULA	2021	200	$7,245.50
☐	GNA Storage Shed	2705 Spurgin Road	MISSOULA	2021	200	$7,245.50
☑	Missoula Helicopter Hanger	3150 Maverick Lane	MISSOULA	2010	3,024	$184,148.58
☑	Missoula Radio Building (Mount Sentinel)	Mt. Sentinel	MISSOULA		36	$16,873.20
☑	Missoula Snowmobile Storage Shed	3206 Maverick Lane	MISSOULA	2010	650	$38,791.38
☑	Missoula Storage Shed	3206 Maverick Lane	MISSOULA	2010	100	$16,624.88
☑	Missoula Unit Fire Cache	3206 Maverick Lane	MISSOULA		1,192	$193,956.88
☑	Missoula Unit Gas & Oil House	3206 Maverick Lane	MISSOULA		110	$27,708.13
☑	Missoula Unit Office	3206 Maverick Lane	MISSOULA		2,800	$526,454.38
☐	Missoula Unit Pole Barn	3206 Maverick Lane	MISSOULA	2021	1,800	$64,500.00
☑	Missoula Unit Shop & Garage	3206 Maverick Lane	MISSOULA	2001	660	$193,956.88
☐	Nursery Block Barn	2823 Spurgin Road	MISSOULA		120	$6,080.20
☑	Nursery Breakroom and Shed	2823 Spurgin Road	MISSOULA		1,256	$54,813.18
☐	Nursery Cold Storage	2823 Spurgin Road	MISSOULA		828	$41,947.58
☐	Nursery Cooler Building w/2 Coolers	2823 Spurgin Road	MISSOULA		2,240	$122,602.68
☐	Nursery Equipment Storage	2823 Spurgin Road	MISSOULA		2,400	$36,079.15
☐	Nursery Fertilizer Building Area	2823 Spurgin Road	MISSOULA		200	$4,888.03
☐	Nursery Greenhouse (A/E 91-46-02)	2823 Spurgin Road	MISSOULA		4,320	$124,891.35
☐	Nursery Greenhouse Complex	2823 Spurgin Road	MISSOULA	1991	13,200	$326,220.58
☐	Nursery Irrigation Pipe Shed	2823 Spurgin Road	MISSOULA	2004	1,800	$58,692.85
☑	Nursery Office	2823 Spurgin Road	MISSOULA	1991	2,874	$318,985.83
☑	Nursery Packing Shed	2823 Spurgin Road	MISSOULA	1965	2,775	$136,787.30
☑	Nursery Pump House & Pump No. 2	2823 Spurgin Road	MISSOULA		99	$13,213.90
☑	Nursery Quonset Shop	2823 Spurgin Road	MISSOULA		1,995	$30,308.55
☐	Nursery Storage Shed 1	2823 Spurgin Road	MISSOULA		80	$3,002.48
☐	Nursery Storage Shed 1	2823 Spurgin Road	MISSOULA		80	$3,002.48
☐	Nursery Storage Shed 2	2823 Spurgin Road	MISSOULA		192	$7,206.80
☐	Nursery Storage Shed 2	2823 Spurgin Road	MISSOULA		192	$7,206.80
☐	Nursery Storage Shed with Chemical Room	2823 Spurgin Road	MISSOULA		1,200	$60,794.48

DEPARTMENT OF NATURAL RESOURCES

☐	Nursery Tractor Shed	2823 Spurgin Road	MISSOULA		800	$43,333.25
☑	Pump House & Pump No. 1 Inventory Area	2775 Spurgin Road	MISSOULA		90	$12,013.13
☑	SWLO Area Office	1401 27th Ave	MISSOULA	1972	4,964	$547,058.90
☑	SWLO Compound Bldg	1401 27th Ave	MISSOULA	2004	1,200	$5,067.55
☑	SWLO Helibase Office	3150 Maverick Lane	MISSOULA	1998	4,300	$437,670.13
☑	SWLO New Paint Shed	1401 27th Ave	MISSOULA	1998	120	$1,387.83
☑	SWLO Oil House	1401 27th Ave	MISSOULA		200	$10,131.88
☐	Union Peak Lookout	Union Peak	MISSOULA	1998	320	$4,811.70
☐	Vehicle Structure	2823 Spurgin Road	MISSOULA	2019	1,440	$57,789.85
☑	WRD Missoula WRO	2705 Spurgin Road	MISSOULA	1972	4,470	$557,434.80
☑	Stillwater Bathhouse	7425 Hwy 93 South	OLNEY		672	$19,597.25
☑	Stillwater Bunkhouse	7425 Hwy 93 South	OLNEY	1938	1,134	$33,072.38
☑	Stillwater Carpenter Shop	7425 Hwy 93 South	OLNEY	1934	468	$25,349.58
☑	Stillwater Fire Cache	7425 Hwy 93 South	OLNEY	1928	627	$9,425.60
☑	Stillwater Gas Pump Shelter	7425 Hwy 93 South	OLNEY	1930	96	$12,812.93
☑	Stillwater Office	7425 Hwy 93 South	OLNEY	1922	1,700	$208,568.28
☑	Stillwater Office Annex "Cookhouse"	7425 Hwy 93 South	OLNEY	1955	1,272	$156,056.68
☑	Stillwater Oil House	7425 Hwy 93 South	OLNEY	1940	182	$2,735.88
☑	Stillwater Open Equipment Shelter	7425 Hwy 93 South	OLNEY		2,028	$23,413.50
☑	Stillwater Open Propane Tank Shelter	7425 Hwy 93 South	OLNEY	1965	168	$1,940.38
☑	Stillwater Open Shelter for Garbage	7425 Hwy 93 South	OLNEY		81	$935.25
☑	Stillwater Residence	7430 Hwy 93 South	OLNEY	1928	1,195	$62,877.83
☑	Stillwater Residential Garage	7430 Hwy 93 South	OLNEY	1931	700	$37,916.33
☑	Stillwater Residential Utility Building	7425 Hwy 93 South	OLNEY		260	$3,908.70
☑	Stillwater Warehouse & Shop	7425 Hwy 93 South	OLNEY		2,520	$136,497.05
☑	Stillwater Water Pump House	7425 Hwy 93 South	OLNEY	1967	90	$12,013.13
☑	Stillwater Werner Peak Lookout	Werner Peak	OLNEY	1984	300	$25,910.73
☑	Plains Doublewide Office Trailer	14 Airport Road	PLAINS		1,000	$12,955.90
☑	Plains Shop	14 Airport Road	PLAINS	1997	2,400	$228,995.43

DEPARTMENT OF NATURAL RESOURCES

☑	Plains Unit Office	14 Airport Road	PLAINS	1997	2,912	$444,901.65
☑	Plains Vehicle Storage Building	14 Airport Road	PLAINS		1,800	$32,389.75
☐	Sula Cabin	Sula State Forest	SULA		1,000	$25,134.58
☐	Toston Dam Power House	Toston Dam Road	TOSTON	1989	10,450	$14,956,021.35
☐	Toston Dam Storage Building	Toston Dam Road	TOSTON	1989	2,400	$60,133.35
☐	Toston Dam Sub-station	Toston Dam Road	TOSTON		344	$551,945.85

DEPARTMENT OF NATURAL RESOURCES: 179 Buildings **TOTAL SQ FT: 303,581** **TOTAL CRV: $39,843,399.03**

DEPARTMENT OF REVENUE

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	LIQUOR WAREHOUSE	2517 AIRPORT ROAD	HELENA	1977	108,258	$8,674,248.10

DEPARTMENT OF REVENUE: 1 detail record **TOTAL SQ FT: 108,258** **TOTAL CRV: $8,674,248.10**

DEPARTMENT OF TRANSPORTATION

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	Billings RWIS site Roscoe Hill	MT 78 mile post 19	ABSAROKEE		-00	$0.00
☐	RICE STOCKPILE	MT 16 MP 22.9	ABSAROKEE		222	$8,718.25
☐	ALBERTON EQUIPMENT STORAGE	205 GILLETTE AVENUE WEST	ALBERTON	2000	1,200	$107,967.63
☐	ALBERTON LOADER SHED	INTERSTATE 90 MP 61.8	ALBERTON	2001	-00	$34,606.40
☐	ALBERTON MAINTENANCE SHOP	1326 16TH ROAD NORTH EAST	ALBERTON	2006	1	$4,353.75
☐	ALBERTON MAINTENANCE SHOP	500 SOUTH FRONTAGE ROAD E	ALBERTON		1,200	$4,069.95
☐	ALBERTON MAINTENANCE SHOP	MT HIGHWAY 2 MP 208.4	ALBERTON	2009	2,100	$188,946.30
☐	ALBERTON MAINTENANCE YARD	500 SOUTH FRONTAGE ROAD E	ALBERTON	1953	-00	$22,494.38
☐	ALBERTON REST AREA EAST	INTERSTET 90 EAST MP 72	ALBERTON		-00	$8,854.78
☐	ALBERTON REST AREA WEST	INTERSTATE 90 WEST MP 73	ALBERTON		-00	$8,854.78
☐	ALBERTON SAND SITE	INTERSTATE 90 MP 61.8	ALBERTON	2004	-00	$132,996.85
☐	ALBERTON SECTION HOUSE	500 SOUTH FRONTAGE ROAD E	ALBERTON	1963	-00	$795,919.25
☐	ALBERTON SHED	INTERSTATE 15 N MM 2	ALBERTON	1960	100	$4,069.95
☐	ALBERTON STOCKPILE	500 SOUTH FRONTAGE ROAD E	ALBERTON	2013	-00	$6,473.65
☐	ALBERTON STOCKPILE SITE	INTERSTATE 90 MP 61.8	ALBERTON	2004	-00	$708,610.98
☐	ALDER LOADER SHED	ALDER ROUTE 287 MP 22.5	ALDER	1968	-00	$4,069.95
☐	Miles City RWIS site Alzada	US 212 milepost 139.5	ALZADA		-00	$0.00
☐	ANACONDA CONSTRUCTION OFFICE	520 EAST PARK STREET	ANACONDA		600	$0.00
☐	ANACONDA EQUIPMENT SHOP 4 BAY	105 NORTH POLK STREET	ANACONDA		1,320	$68,577.48
☐	ANACONDA EQUIPMENT STORAGE	2114 ANACONDA	ANACONDA	1990	3,000	$112,612.70
☐	ANACONDA EQUIPMENT STORAGE 3 BAY	2114 ANACONDA	ANACONDA	1990	15,000	$601,989.25
☐	ANACONDA EQUIPMENT STORAGE 3 BAY ADDITION	105 NORTH POLK STREET	ANACONDA		2,222	$87,262.05
☐	ANACONDA REST AREA	2114 ANACONDA	ANACONDA	1990	750	$61,235.23
☐	ANACONDA SECTION HOUSE	105 NORTH POLK STREET	ANACONDA		-00	$90,695.60
☐	ANACONDA SIGN AND TOOL STORAGE	2114 ANACONDA	ANACONDA	1990	500	$18,768.43
☐	Butte RWIS site Georgetown Lake	MT1 milepost 25.4	ANACONDA		-00	$0.00
☐	ASHLAND EQUIPMENT STORAGE 2 BAY	605 MAIN STREET	ASHLAND		2,000	$179,949.63
☐	ASHLAND FUEL SHED	605 MAIN STREET	ASHLAND		100	$4,069.95

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☐	ASHLAND SAND HOUSE	605 MAIN STREET	ASHLAND		2,400	$89,974.28
☐	ASHLAND SECTION HOUSE	605 MAIN STREET	ASHLAND	2000	-00	$322,469.90
☐	ASHLAND SIGN SHED	605 MAIN STREET	ASHLAND		100	$4,069.95
☐	ASHLAND STORAGE SHED	605 MAIN STREET	ASHLAND	1997	-00	$2,911.10
☐	Miles City Radio Equipment	Homecreek Divide	ASHLAND		-00	$0.00
☐	AUGUSTA FUEL SHED	112 BROADWAY STREET	AUGUSTA	2000	100	$255,715.63
☐	AUGUSTA LOADER SHED	5 BOB THOMAS ROAD	AUGUSTA	1960	375	$4,069.95
☐	AUGUSTA SECTION HOUSE	112 BROADWAY STREET	AUGUSTA		4,200	$2,911.10
☐	AUGUSTA STORAGE SHED	112 BROADWAY STREET	AUGUSTA	2000	100	$4,069.95
☐	Great Falls RWIS site Bowmans	MT200 milepost 110.4	AUGUSTA		-00	$0.00
☐	AVON LOADER SHED	2116 MCDONDALD PASS	AVON	1990	200	$7,507.80
☐	Butte RWIS site Avon North	MT 141 milepost 8.1	AVON		-00	$0.00
☐	BAINVILLE REST AREA	MT HIGHWAY 2 MP 667.1	BAINVILLE	2001	-00	$8,854.78
☐	Wolf Point RWIS site US2 stateline	US2 milepost 667.1	BAINVILLE		-00	$0.00
☐	BAKER AERONAUTICS NDB	101 AIRPORT ROAD	BAKER		-00	$128,485.08
☐	BAKER EQUIPMENT STORAGE 3 BAY	3 SHELL OIL ROAD	BAKER	2010	2,400	$188,946.30
☐	BAKER EQUIPMENT STORAGE QUONSET	3 SHELL OIL ROAD	BAKER		2,400	$215,940.63
☐	BAKER GAS TANK SWITCH SHED	3 SHELL OIL ROAD	BAKER	1991	-00	$4,069.95
☐	BAKER SECTION HOUSE	3 SHELL OIL ROAD	BAKER		-00	$4,069.95
☐	BAKER TRAILER STORAGE SHED	917 1ST STREET EAST	BAKER	1964	-00	$4,353.75
☐	Miles City Radio Equipment	Baker	BAKER		-00	$0.00
☐	Miles City RWIS site Baker	MT 7 mile post 14.2	BAKER		-00	$0.00
☐	BELGRADE LOADER SHED	22129 FRONTAGE ROAD	BELGRADE	1972	-00	$4,069.95
☐	BELGRADE LUMINAIRE SHED	22129 FRONTAGE ROAD	BELGRADE	2000	-00	$4,069.95
☐	BELGRADE QUONSET WAREHOUSE	22129 FRONTAGE ROAD	BELGRADE		-00	$26,991.10
☐	BELGRADE SECTION HOUSE	22129 FRONTAGE ROAD	BELGRADE	1972	-00	$4,069.95
☐	BELGRADE SIGNAL SHED	22129 FRONTAGE ROAD	BELGRADE		-00	$1,208.30
☐	BELGRADE STORAGE SHED	22129 FRONTAGE ROAD	BELGRADE		-00	$4,069.95
☐	ARMINGTON JUNCTION EQUIPMENT STORAGE 2 BAY	2 US HIGHWAY 200	BELT		1,008	$973,728.55

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☐	ARMINGTON JUNCTION EQUIPMENT STORAGE 3 BAY	2 US HIGHWAY 200	BELT	2008	2,400	$215,940.63
☐	ARMINGTON JUNCTION LOADER SHED	2 US HIGHWAY 200	BELT		448	$25,913.95
☐	ARMINGTON JUNCTION PINIC SHELTER	JUNCTION MT HIGHWAY 87 AN	BELT		-00	$2,911.10
☐	ARMINGTON JUNCTION REST AREA	JUNCTION MT HIGHWAY 87 AN	BELT		780	$2,911.10
☐	ARMINGTON JUNCTION REST AREA STORAGE WEST	105 NORTH POLK STREET	BELT		-00	$2,911.10
☐	ARMINGTON JUNCTION SHED	JUNCTION MT HIGHWAY 87 AN	BELT		-00	$287,919.40
☐	ARMINGTON JUNCTION SHOP LOWER	2 US HIGHWAY 200	BELT		-00	$2,911.10
☐	ARMINGTON JUNCTION WEIGH STATION	JUNCTION MT HIGHWAY 87 AN	BELT		200	$29,991.43
☐	BELT COLD STORAGE	2 US HIGHWAY 200	BELT		222	$8,718.25
☐	BELT EQUIPMENT STORAGE 2 BAY	2 US HIGHWAY 200	BELT	1982	1,008	$20,859.30
☐	BELT LARGE PICNIC SHED	3103 BELT	BELT	1990	200	$7,507.80
☐	BELT MCS COLD STORAGE	JUNCTION MT HIGHWAY 87 AN	BELT		222	$8,718.25
☐	BELT SAND STORAGE	2 US HIGHWAY 200	BELT	1963	3,200	$9,858.83
☐	BELT SHOP OLD	2 US HIGHWAY 200	BELT	2005	448	$26,991.10
☐	BELT LOADER SHED	2 US HIGHWAY 200	BIDDLE	2005	448	$4,069.95
☐	BIG SANDY COLD STORAGE	201 CATTLE TRAIL DRIVE	BIG SANDY	1971	1,280	$115,166.90
☐	BIG SANDY DEICER PUMP SHED	201 CATTLE TRAIL DRIVE	BIG SANDY	1963	-00	$442,825.83
☐	BIG SANDY EQUIPMENT SHOP 6 BAY	201 CATTLE TRAIL DRIVE	BIG SANDY	1960	4,816	$23,324.28
☐	BIG SANDY SAND HOUSE	201 CATTLE TRAIL DRIVE	BIG SANDY	2000	2,400	$4,069.95
☐	BIG SANDY SECTION HOUSE	201 CATTLE TRAIL DRIVE	BIG SANDY		4,816	$34,606.40
☐	BIG SANDY SECTION HOUSE OLD	201 CATTLE TRAIL DRIVE	BIG SANDY	2000	1,280	$43,523.53
☐	BIG SANDY STORAGE	201 CATTLE TRAIL DRIVE	BIG SANDY	1970	480	$34,606.40
☐	BIG SANDY TOOL SHED	201 CATTLE TRAIL DRIVE	BIG SANDY		-00	$8,854.78
☐	BIG SKY EQUIPMENT STORAGE 3 BAY	43870 GALLATIN ROAD	BIG SKY	1970	2,000	$155,476.18
☐	BIG SKY LOADER SHED	43870 GALLATIN ROAD	BIG SKY		560	$179,949.63
☐	BIG SKY SAND STORAGE	MT HIGHWAY 191 MP 43.8	BIG SKY	1972	4,000	$190,259.95
☐	Bozeman RWIS site Karst	US191 milepost 55.3	BIG SKY		-00	$0.00
☐	BIG TIMBER EQUIPMENT SHOP OLD	701 EAST 1ST AVENUE	BIG TIMBER	2000	-00	$87,745.80
☐	BIG TIMBER SAND HOUSE	26 WEST END ROAD	BIG TIMBER	2017	2,400	$34,606.40

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☐	BIG TIMBER SAND STORAGE	701 EAST 1ST AVENUE	BIG TIMBER	2000	1,200	$210,540.90
☐	BIG TIMBER SECTION HOUSE	701 EAST 1ST AVENUE	BIG TIMBER	2000	3,850	$22,494.38
☐	BIG TIMBER SHED	701 EAST 1ST AVENUE	BIG TIMBER		222	$8,718.25
☐	BIG TIMBER STORAGE SHED	701 EAST 1ST AVENUE	BIG TIMBER		25	$980.40
☐	BIGFORK EQUIPMENT SHOP 2 BAY	6937 MT HIGHWAY 35	BIGFORK	1971	1,536	$1,307,880.48
☐	BIGFORK EQUIPMENT STORAGE	72001 GALLATIN ROAD	BIGFORK	2000	1,536	$138,197.70
☐	BIGFORK SECTION HOUSE	6937 MT HIGHWAY 35	BIGFORK		-00	$2,050,301.28
☐	FERNDALE MAINTENANCE SHOP 8 BAY	6937 MT HIGHWAY 35	BIGFORK	2010	7,225	$1,747,991.93
☐	FERNDALE SALT SHED	6937 MT HIGHWAY 35	BIGFORK		-00	$351,391.70
☐	FERNDALE SALT SHED	6937 HIGHWAY 35	BIGFORK		100	$145,568.98
☐	FERNDALE SALT STORAGE	6937 MT HIGHWAY 35	BIGFORK		3,200	$4,069.95
☐	FERNDALE SECTION HOUSE	6937 MT HIGHWAY 35	BIGFORK		-00	$4,069.95
☐	FERNDALE STORAGE	6937 MT HIGHWAY 35	BIGFORK	1996	100	$46,757.13
☐	FERNDALE WASH BAY	6937 MT HIGHWAY 35	BIGFORK	2012	100	$29,991.43
☐	KALISPELL LOADER SHED	BIG FORK	BIGFORK		560	$26,991.10
☐	SWAN LAKE EQUIPMENT STORAGE	24526 MT HIGHWAY 83	BIGFORK		1,280	$115,166.90
☐	SWAN LAKE EQUIPMENT STORAGE	24526 MT HIGHWAY 83	BIGFORK	2011	7,225	$661,285.18
☐	SWAN LAKE SAND HOUSE	24526 MT HIGHWAY 83	BIGFORK		2,400	$89,974.28
☐	SWAN LAKE SECTION HOUSE	24526 MT HIGHWAY 83	BIGFORK		312	$9,357.88
☐	SWAN LAKE STORAGE	24526 MT HIGHWAY 83	BIGFORK		-00	$29,991.43
☐	WOODS BAY LOADER SHED	MT HIGHWAY 35 MP 58.8	BIGFORK	2003	222	$102,687.23
☐	WOODS BAY SALT STORAGE	MT HIGHWAY 35 MP 26.8	BIGFORK		222	$8,718.25
☐	BILLINGS AIRPORT ARMORY BUILDING SECTION HOUSE	5103 BILLINGS AIRPORT	BILLINGS	1990	10,000	$401,326.53
☐	BILLINGS AIRPORT ARMORY LAB	1961 US HIGHWAY 3	BILLINGS		1,111	$129,467.63
☐	BILLINGS AIRPORT DEICER TANK	1961 US HIGHWAY 3	BILLINGS		222	$8,718.25
☐	BILLINGS AIRPORT LAB SHED	1961 US HIGHWAY 3	BILLINGS		100	$3,928.05
☐	BILLINGS AIRPORT LAB SHED	1961 US HIGHWAY 3	BILLINGS		100	$3,928.05
☐	BILLINGS AIRPORT LAB SHED	1961 US HIGHWAY 3	BILLINGS		200	$7,853.95
☐	BILLINGS AIRPORT SALT SHED	1961 US HIGHWAY 3	BILLINGS		1,200	$47,125.85

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☐	BILLINGS AIRPORT SECTION HOUSE	1961 US HIGHWAY 3	BILLINGS	1985	-00	$4,353.75
☐	BILLINGS AIRPORT STORAGE SHED	1961 US HIGHWAY 3	BILLINGS		30	$1,178.20
☐	BILLINGS AIRPORT STORAGE SHED	1961 US HIGHWAY 3	BILLINGS		200	$7,853.95
☐	BILLINGS AIRPORT SURVEY SHED	1961 US HIGHWAY 3	BILLINGS		100	$3,928.05
☐	BILLINGS AIRPORT TOOL STORAGE	1961 US HIGHWAY 3	BILLINGS		555	$21,796.70
☐	BILLINGS ARMORY LAB	3 SHELL OIL ROAD	BILLINGS		-00	$8,998.83
☐	BILLINGS CONSTRUCTION CREW BUILDING	424 MOREY STREET	BILLINGS	1980	4,700	$446,874.28
☐	BILLINGS DISTRICT OFFICE	424 MOREY STREET	BILLINGS	1960	21,267	$2,574,021.93
☐	BILLINGS EQUIPMENT SHOP 24 BAY	424 MOREY STREET	BILLINGS	1981	23,070	$1,720,464.40
☐	BILLINGS FAIRGROUND EQUIPMNENT STORAGE	650 1ST AVENUE MP 1	BILLINGS	2017	555	$4,069.95
☐	BILLINGS FAIRGROUNDS EQUIPMENT STORAGE	650 1ST AVENUE NORTH	BILLINGS		555	$21,796.70
☐	BILLINGS LONG SHED	424 MOREY STREET	BILLINGS		24,000	$34,606.40
☐	BILLINGS METRA STOCKPILE	5103 BILLINGS AIRPORT	BILLINGS	1990	200	$7,507.80
☐	BILLINGS OFFICE EAST	424 MOREY STREET	BILLINGS	2005	2,856	$336,076.18
☐	BILLINGS OIL AND GREASE WAREHOUSE	424 MOREY STREET	BILLINGS	2009	625	$21,592.45
☐	Billings Radio Equipment	Sacrifice Hills	BILLINGS			$0.00
☐	Billings Radio Equipment	Beartooth	BILLINGS			$0.00
☐	Billings RWIS site Arrow Creek Hill	I-90 mile post 458.6	BILLINGS		-00	$0.00
☐	Billings RWIS site Reed Point	I-90 mile post 390.8	BILLINGS		-00	$0.00
☐	BILLINGS SALT SHED	424 MOREY STREET	BILLINGS	2000	-00	$4,069.95
☐	BILLINGS SAND HOUSE	2399 WEST OLD HARDIN ROAD	BILLINGS		222	$8,718.25
☐	BILLINGS SAND HOUSE	424 MOREY STREET	BILLINGS	2009	2,400	$89,974.28
☐	BILLINGS STEAM CLEANING BUILDING	424 MOREY STREET	BILLINGS	1956	1,125	$54,422.95
☐	BILLINGS STRIPER SHED	424 MOREY STREET	BILLINGS	1988	2,400	$4,069.95
☐	BILLINGS TIRE SHED	424 MOREY STREET	BILLINGS		2,400	$4,069.95
☐	R/W NCPD - MT BILLINGS BYPASS	1207 JOHNSON LANE	BILLINGS	1953	1,938	$82,673.95
☐	R/W Property Billings District	1705 Mary	BILLINGS	2014	64	$1,204.00
☐	R/W Property Billings District	1705 Mary	BILLINGS	2004	192	$3,612.00
☐	R/W Property Billings District	1705 Mary	BILLINGS	2014	216	$4,063.50

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☐	R/W Property Billings District	1705 Mary	BILLINGS	2014	216	$4,063.50
☐	R/W Property Billings District	7619 US Highway 12	BILLINGS	2000	360	$6,772.50
☐	R/W Property Billings District	7619 US Highway 12	BILLINGS	2000	500	$9,406.25
☐	R/W Property Billings District	7619 US Highway 12	BILLINGS	2000	576	$10,836.00
☐	R/W Property Billings District	7619 US Highway 12	BILLINGS	2000	960	$18,060.00
☐	R/W Property Billings District	3306 Coulson Road	BILLINGS	1977	1,200	$43,473.00
☐	R/W Property Billings District	1705 Mary	BILLINGS	2014	1,200	$22,575.00
☐	R/W Property Billings District	3306 Coulson Road	BILLINGS	1941	1,720	$18,490.00
☐	R/W Property Billings District	7619 US Highway 12	BILLINGS	2000	2,292	$43,118.25
☐	R/W Property Billings District	3306 Coulson Road	BILLINGS	2010	2,608	$28,036.00
☐	R/W Property Billings District	7619 US Highway 12	BILLINGS	1920	3,219	$34,604.25
☐	R/W Property Billings District	1705 Mary	BILLINGS	2007	5,491	$59,028.25
☐	VISTA POINT REST AREA	MT HIGHWAY 212 MP 49.1	BILLINGS		1,200	$488,176.85
☐	MISSOULA LOADER SHED	BONNER	BONNER		560	$26,991.10
☐	BERNICE EQUIPMENT STORAGE 1 BAY	10 BEAR GULCH ROAD	BOULDER	2005	2,400	$89,974.28
☐	BERNICE SAND STORAGE	10 BEAR GULCH ROAD	BOULDER	1963	4,000	$189,757.93
☐	BERNICE SECTION HOUSE	10 BEAR GULCH ROAD	BOULDER		-00	$57,676.98
☐	BILLINGS AIRPORT TOOL STORAGE	1961 US HIGHWAY 3	BOULDER		444	$20,859.30
☐	BOULDER EQUIPMENT SHOP 2 BAY	3756 US HIGHWAY 69	BOULDER	2009	1,748	$85,015.30
☐	BOULDER SAND HOUSE	3756 US HIGHWAY 69	BOULDER	2001	2,400	$89,974.28
☐	BOULDER SECTION HOUSE	3756 US HIGHWAY 69	BOULDER		-00	$554,963.38
☐	BOULDER STORAGE	3756 US HIGHWAY 69	BOULDER		600	$29,154.00
☐	Butte Radio Equipment	Boulder	BOULDER		300	$24,744.35
☐	Butte RWIS site Boulder Hill	I-15 milepost 170.9	BOULDER		-00	$0.00
☐	ELK PARK LOADER SHED	INTERSTATE 15 SOUGH MP 138	BOULDER		-00	$4,069.95
☐	BEAVERSLIDE SAND SHED	7316 US HIGHWAY 59 MP 34.8	BOYES		2,400	$89,974.28
☐	BEAVERSLIDE SECTION HOUSE	7316 US HIGHWAY 59 SOUTH	BOYES	1963	2,222	$93,294.95
☐	BILLINGS OFFICE AND SHOP	424 MOREY STREET	BOYES		-00	$1,165,326.88
☐	BOYES SAND SHED	10340 US HIGHWAY 212	BOYES		222	$129,565.45

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☐	BOYES SECTION HOUSE	10340 US HIGHWAY 212	BOYES		1,111	$34,606.40
☐	BOYES STORAGE SHED	10340 US HIGHWAY 212	BOYES	1960	222	$8,718.25
☐	BELT SECTION HOUSE	2 US HIGHWAY 200	BOZEMAN	2011	2,400	$4,353.75
☐	BIGFORK EQUIPMENT SHOP	6937 MT HIGHWAY 35	BOZEMAN	1971	1,280	$402,391.85
☐	BOZEMAN ADOPT A HIGHWAY SHED	100 NELSON RAOD	BOZEMAN		-00	$301,082.78
☐	BOZEMAN COLD STORAGE	100 NELSON ROAD	BOZEMAN	1972	-00	$119,967.85
☐	BOZEMAN DISTRICT OFFICE	100 NELSON ROAD	BOZEMAN		-00	$1,747,991.93
☐	BOZEMAN LAB	300 4TH STREET SW	BOZEMAN	1956	-00	$195,155.50
☐	BOZEMAN LOADER SHED	MT HIGHWAY 84 MP 27	BOZEMAN		-00	$130,269.58
☐	BOZEMAN MAINTENANCE CONEX	MT HIGHWAY 191 MP 81.7	BOZEMAN	1969	-00	$21,770.90
☐	BOZEMAN NUKE STORAGE	100 NELSON ROAD	BOZEMAN		-00	$233,214.80
☐	BOZEMAN PASS LOADER SHED	INTERSTATE 90 MP 321	BOZEMAN	1963	448	$40,709.18
☐	BOZEMAN PASS REST AREA	I90 MP 326.5	BOZEMAN	2015	-00	$23,273.75
☐	BOZEMAN PASS REST AREA	I90 MP 326.5	BOZEMAN		-00	$23,273.75
☐	Bozeman Radio Equipment	Eagle Head	BOZEMAN			$0.00
☐	Bozeman Radio Equipment	Story Hill	BOZEMAN		-00	$0.00
☐	Bozeman Radio Equipment	Duck Creek	BOZEMAN		200	$0.00
☐	BOZEMAN REST AREA	NORTH 19TH STREET	BOZEMAN	1970	-00	$98,582.88
☐	Bozeman RWIS site Bozeman Pass	I-90 milepost 321.8	BOZEMAN		-00	$0.00
☐	BOZEMAN SAND HOUSE	100 NELSON ROAD	BOZEMAN	1963	-00	$4,069.95
☐	BOZEMAN SECTION HOUSE	7591 US HIGHWAY 287 N	BOZEMAN		-00	$1,165,326.88
☐	BOZEMAN TRAIL QUONSET STORAGE	INTERSTATE 90 MP 316.8	BOZEMAN		2,400	$169,447.95
☐	BOZEMAN WEIGH STATION	MT HIGHWAY 191 MP 81.7	BOZEMAN		200	$4,069.95
☐	Deep Creek RWIS Site	US 12 mile post 23.5	BOZEMAN		100	$4,069.95
☐	R/W Property Rouse Avenue	808 North Rouse Avenue	BOZEMAN	1910	735	$32,004.90
☐	R/W ROUSE AVENUE	808 NORTH ROUSE AVENUE	BOZEMAN	1910	735	$29,977.45
☐	BRIDGER EQUIPMENT SHOP 4 BAY	2422 US HIGHWAY 310	BRIDGER		4,136	$173,657.65
☐	BRIDGER EQUIPMENT STORAGE	2422 US HIGHWAY 310	BRIDGER	1953	-00	$31,099.75
☐	BRIDGER REST AREA	MT HIGHWAY 72 MP 29.1	BRIDGER		1,200	$555,566.45

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☐	BRIDGER REST AREA STORAGE	MT HIGHWAY 72 MP 84.4	BRIDGER	1974	-00	$372,135.98
☐	BRIDGER REST AREA STORAGE SHED	MT HIGHWAY 72 MP 29.1	BRIDGER	1993	200	$7,853.95
☐	BRIDGER SECTION HOUSE	2422 US HIGHWAY 310	BRIDGER	1953	-00	$8,704.28
☐	ROBERTS REST AREA	MT HIGHWAY 212 MP 84.4	BRIDGER		1,200	$102,502.33
☐	ALZADA STORAGE SHED	4304 BROADUS	BROADUS	1990	200	$7,507.80
☐	BROADUS COURTESY STATION	508 SOUTH PARK STREET	BROADUS		320	$29,991.43
☐	BROADUS EQUIPMENT SHOP	41 SPARKS LANE	BROADUS	2016	4,160	$358,397.48
☐	BROADUS FUEL SHED	604 COURTENAY AVENUE SOU	BROADUS	1953	-00	$374,294.58
☐	BROADUS REST AREA	MT HIGHWAY 212 MP 81.1	BROADUS		1,408	$215,940.63
☐	BROADUS STORAGE SHED	US 212 MP 81.1	BROADUS	2007	222	$8,718.25
☐	BROADUS WEIGH STATION	MT HIGHWAY 212	BROADUS	1993	200	$1,209,957.65
☐	BROADVIEW AIRPORT SAND HOUSE	MT HIGHWAY 3 MP 32.8	BROADVIEW		222	$8,718.25
☐	BROWNING AERONAUTICS ELECTRICAL BUILDING	STARR BROWNING AIRPORT	BROWNING	1980	-00	$502,876.40
☐	BROWNING COLD STORAGE 6 BAY	314 NORTH EAST BOUNDARY S	BROWNING		4,065	$4,069.95
☐	BROWNING EQUIPMENT SHOP 6 BAY	314 NORTH EAST BOUNDARY S	BROWNING		4,065	$424,379.90
☐	BROWNING EQUIPMENT SHOP 8 BAY	314 NORTH EAST BOUNDARY S	BROWNING		4,274	$384,551.15
☐	BROWNING EQUIPMENT STORAGE	314 NORTH EAST BOUNDARY S	BROWNING	2016	-00	$14,996.25
☐	BROWNING LOADER SHED	1649 US HIGHWAY 2 NE	BROWNING		100	$27,236.20
☐	BROWNING LOADER SHED	MT HIGHWAY 2 MP 224.1	BROWNING	1953	560	$4,069.95
☐	BROWNING SAND STORAGE	314 NORTH EAST BOUNDARY S	BROWNING		-00	$142,637.45
☐	BROWNING SECTION HOUSE	314 NORTH EAST BOUNDARY S	BROWNING	2002	4,274	$89,974.28
☐	BROWNING SIGN STORAGE	314 NORTH EAST BOUNDARY S	BROWNING		-00	$215,940.63
☐	BROWNING STORAGE SHED	314 NORTH EAST BOUNDARY S	BROWNING	1990	4,080	$19,195.20
☐	Havre RWIS Site Browning	US 89 MM 223.1	BROWNING		100	$4,069.95
☐	SAINT MARY EQUIPMENT STORAGE 6 BAY	3481 US HIGHWAY 89 WEST	BROWNING		5,000	$449,870.30
☐	SAINT MARY FUEL SHED	3481 US HIGHWAY 89 WEST	BROWNING		-00	$4,069.95
☐	SAINT MARY SAND STORAGE	3481 US HIGHWAY 89 WEST	BROWNING		5,000	$4,069.95
☐	SAINT MARY SECTION HOUSE	3481 US HIGHWAY 89 WEST	BROWNING		100	$4,353.75
☐	BUSBY EQUIPMENT SHOP 2 BAY	25116 HIGHWAY 212	BUSBY	2000	-00	$707,471.48

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☐	BUSBY SAND HOUSE	25116 HIGHWAY 212	BUSBY	1953	2,400	$89,974.28
☐	BUSBY SECTION HOUSE	25116 HIGHWAY 212	BUSBY		2,222	$93,294.95
☐	BARRETT REST AREA NORTH	INTERSTATE 15 NORTH MP 55	BUTTE		-00	$8,854.78
☐	BARRETT REST AREA SOUTH	INTERSTATE 15 SOUGH MP 55	BUTTE		-00	$8,854.78
☐	BUTTE COMBINATION BUILDING	3751 WYNNE AVENUE	BUTTE	1980	3,240	$343,310.93
☐	BUTTE DISTRICT OFFICE	3751 WYNNE AVENUE	BUTTE		20,791	$9,858.83
☐	BUTTE EQUIPMENT SHOP	3751 WYNNE AVENUE	BUTTE		5,555	$233,237.38
☐	BUTTE EQUIPMENT SHOP 24 BAY	3751 WYNNE AVENUE	BUTTE	2004	15,600	$1,297,088.55
☐	BUTTE LOADER SHED	INTERSTATE 15 SOUTH MP 120	BUTTE	1980	-00	$26,991.10
☐	BUTTE LOADER SHED	3751 WYNNE AVENUE	BUTTE	2004	-00	$26,991.10
☐	BUTTE MAINTENANCE SHOP	3751 WYNNE AVENUE	BUTTE		20,791	$2,842,642.93
☐	BUTTE OIL AND GREASE WAREHOUSE	3751 WYNNE AVENUE	BUTTE	1985	576	$17,276.33
☐	BUTTE OPEN FACE SHED	3751 WYNNE AVENUE	BUTTE	2015	1,600	$69,683.65
☐	BUTTE PIT SHED	MT HIGHWAY 2 MP 82	BUTTE	2016	-00	$4,069.95
☐	BUTTE RECORD STORAGE	3751 WYNNE AVENUE	BUTTE	1975	576	$22,621.23
☐	Butte RWIS site Elk Park	I-15 milepost 141.1	BUTTE		-00	$0.00
☐	Butte RWIS site Homestake Pass	I-90 milepost 233	BUTTE		-00	$0.00
☐	BUTTE SECTION HOUSE	3751 WYNNE AVENUE	BUTTE		-00	$1,747,991.93
☐	BUTTE TIRE SHED	3751 WYNNE AVENUE	BUTTE	2009	-00	$4,069.95
☐	BUTTE TRUCK WASH	3751 WYNNE AVENUE	BUTTE		1,292	$56,737.43
☐	BUTTE VAULTED TOILETS	I-90 WEST	BUTTE		-00	$41,988.43
☐	BUTTE VAULTED TOILETS	I-90 WEST	BUTTE		-00	$40,709.18
☐	BUTTE WEIGH STATION EAST	INTERSTATE 15 EAST MP 122.4	BUTTE	1938	200	$29,991.43
☐	BUTTE WEIGH STATION WEST	INTERSTATE 15 M 123.5	BUTTE	1965	576	$76,971.08
☐	BUTTE WEIGH STATION WEST	INTERSTATE 15 MP 123.5	BUTTE	1995	2,254	$284,116.05
☐	BUTTE WEIGHT STATION EAST	INTERSTATE 15 MP 122.4	BUTTE		-00	$44,087.90
☐	BUTTE WELDING SHOP	3751 WYNNE AVENUE	BUTTE		2,000	$101,070.43
☐	ELK PARK LOADER SHED	I-15 SBOUTH 138.6	BUTTE		440	$20,859.30
☐	HOMESTAKE PARKING AREA EAST	INTERSTATE 90 MP 235	BUTTE	1970	-00	$4,069.95

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☐	HOMESTAKE PARKING AREA WEST	INTERSTATE 90 MP 234.9	BUTTE	1980	-00	$4,069.95
☐	PIPESTONE SAND HOUSE	INTERSTATE 90 MP 242	BUTTE		2,400	$89,974.28
☐	CASCADE EQUIPMENT SHED	801 1ST STREET SOUTH	CASCADE		-00	$16,795.80
☐	CASCADE EQUIPMENT SHOP	801 1ST STREET SOUTH	CASCADE		-00	$209,916.33
☐	CASCADE EQUIPMENT SHOP 2 BAY	801 1ST STREET SOUTH	CASCADE		1,512	$136,042.33
☐	CASCADE FUEL SHED	801 1ST STREET SOUTH	CASCADE		-00	$4,069.95
☐	CASCADE LOADER SHED	801 1ST STREET SOUTH	CASCADE		-00	$4,353.75
☐	CASCADE SECTION HOUSE	800 1ST STREET SOUTH	CASCADE	2010	4,400	$29,991.43
☐	CASCADE STORAGE SHED	801 1ST STREET SOUTH	CASCADE		-00	$301,624.58
☐	Great Falls RWIS site Gary Cooper Bridge	I-15 mile post 242	CASCADE		-00	$0.00
☐	CHESTER SECTION HOUSE	611 4TH STREET WEST	CHESTER	2001	5,000	$449,870.30
☐	CHESTER TOOL SHED	611 4TH STREET WEST	CHESTER	2001	576	$27,989.78
☐	CHOTEAU GAS SHED	2390 US HIGHWAY 89 NORTH	CHOTEAU	1965	-00	$408,664.48
☐	CHOTEAU LOADER SHED	2390 US HIGHWAY 89 NORTH	CHOTEAU		448	$20,859.30
☐	CHOTEAU OIL SHED	2390 US HIGHWAY 89 NORTH	CHOTEAU		-00	$116,619.23
☐	CHOTEAU SAND SHED	3112 CHOTEAU	CHOTEAU	1990	200	$7,507.80
☐	CHOTEAU SECTION HOUSE	23 90 US HIGHWAY 89 NORTH	CHOTEAU		4,542	$4,069.95
☐	CHOTEAU STORAGE SHED	23 90 US HIGHWAY 89 NORTH	CHOTEAU		-00	$29,991.43
☐	CHOTEAU TIRE SHED	2390 US HIGHWAY 89 NORTH	CHOTEAU		-00	$149,719.55
☐	CHOTEAU TOOL SHED	2390 US HIGHWAY 89 NORTH	CHOTEAU		-00	$301,624.58
☐	CIRCLE EQUIPMENT STORAGE	65 US HIGHWAY 200 SOUTH	CIRCLE	1966	880	$79,176.98
☐	CIRCLE RWIS SITE	65 US HIGHWAY 200 SOUTH	CIRCLE	2020	100	$0.00
☐	CIRCLE SAND HOUSE	65 US HIGHWAY 200 SOUTH	CIRCLE	2017	2,400	$331,105.38
☐	CIRCLE SECTION HOUSE	65 US HIGHWAY 200 SOUTH	CIRCLE		-00	$116,619.23
☐	CIRCLE WEIGH STATION	MT HIGHWAY 200 MP 280	CIRCLE		200	$29,991.43
☐	CLANCY LOADER SHED	INTERSTATE 15 MP 182	CLANCY	2011	448	$20,859.30
☐	BEARNOUTH STOCKPILE	1104 CLINTON	CLINTON	1990	200	$7,507.80
☐	CLINTON EQUIPMENT STORAGE	17380 US HIGHWAY 10 EAST	CLINTON	2007	3,560	$190,259.95
☐	CLINTON LOADER SHED	INTERSTATE 90 MP 138	CLINTON		-00	$320,310.23

☐	CLINTON LOADER SHED	17380 US HIGHWAY 10 EAST	CLINTON		4,000	$4,069.95
☐	CLINTON SAND STORAGE	17380 US HIGHWAY 10 EAST	CLINTON		4,000	$4,069.95
☐	CLINTON SECTION HOUSE	17380 US HIGHWAY 10 EAST	CLINTON		4,000	$4,069.95
☐	CLINTON SHED	17380 US HIGHWAY 10 EAST	CLINTON		-00	$4,069.95
☐	CLINTON STOCKPILE	17380 US HIGHWAY 10 EAST	CLINTON	1998	-00	$192,552.93
☐	CLINTON TRUCK PARKING TURNOUT	INTERSTATE 90 MM 127	CLINTON	1945	-00	$4,069.95
☐	COLSTRIP STORAGE SHED	2730 US HIGHWAY 39	COHAGEN		-00	$4,069.95
☐	COLSTRIP COLD STORAGE	2730 US HIGHWAY 39	COLSTRIP		-00	$4,353.75
☐	COLSTRIP SAND HOUSE	2730 US HIGHWAY 39	COLSTRIP	1990	3,320	$179,949.63
☐	COLSTRIP SECTION HOUSE	2730 US HIGHWAY 39	COLSTRIP	2007	-00	$161,324.18
☐	COLUMBIA FALLS EQUIPMENT STORAGE	MT 206 MP 9.2	COLUMBIA FALLS		1,200	$316,711.13
☐	COLUMBIA FALLS EQUIPMENT STORAGE	1101 HIGHWAY 10 WEST	COLUMBIA FALLS		3,520	$80,975.45
☐	COLUMBIA FALLS LOADER SHED	490 ROGERS ROAD	COLUMBIA FALLS		560	$27,211.48
☐	COLUMBIA FALLS SALT STORAGE	491 ROGERS ROAD	COLUMBIA FALLS		-00	$301,624.58
☐	COLUMBIA FALLS SAND HOUSE	492 ROGERS ROAD	COLUMBIA FALLS		100	$116,619.23
☐	COLUMBIA FALLS SAND HOUSE	490 ROGERS ROAD	COLUMBIA FALLS		2,400	$4,069.95
☐	COLUMBIA FALLS SAND STORAGE	MT HIGHWAY 2 MP 135.7	COLUMBIA FALLS		-00	$89,974.28
☐	COLUMBIA FALLS SECTION HOUSE	490 ROGERS ROAD	COLUMBIA FALLS		-00	$26,991.10
☐	COLUMBIA FALLS SECTION HOUSE OLD	MT HIGHWAY 2 MP 135.7	COLUMBIA FALLS		100	$4,353.75
☐	COLUMBIA FALLS SIGN SHED	492 ROGERS ROAD	COLUMBIA FALLS		-00	$301,624.58
☐	COLUMBUS SECTION HOUSE	10 LEHMAN ROAD	COLUMBIA FALLS	1996	5,156	$4,069.95
☐	KALISPELL LOADER SHED	COLUMBIA FALLS	COLUMBIA FALLS		560	$26,991.10
☐	COLUMBUS DEICER TANK	10 LEHMAN ROAD	COLUMBUS		222	$8,718.25
☐	COLUMBUS EQUIPMENT STORAGE	10 LEHMAN ROAD	COLUMBUS		1,350	$449,870.30
☐	COLUMBUS REST AREA EAST	INTERSTATE 90 MP 418.9	COLUMBUS		1,200	$603,249.15
☐	COLUMBUS REST AREA WEST	INTERSTATE 90 MP 418.7	COLUMBUS	1985	1,200	$301,624.58
☐	COLUMBUS SALT SHED	10 LEHMAN ROAD	COLUMBUS	2014	200	$4,069.95
☐	COLUMBUS TIRE SHED	10 LEHMAN ROAD	COLUMBUS		100	$3,928.05
☐	COLUMBUS WOOD STORAGE SHED	10 LEHMAN ROAD	COLUMBUS		64	$2,512.28

☐	Kalispell RWIS site Swan Lake South	MT83 milepost 47	CONDON		-00	$0.00
☐	MISSOULA LOADER SHED	CONNER	CONNER		560	$26,991.10
☐	CONRAD EQUIPMENT STORAGE	310 NORTH MAIN STREET	CONRAD	2000	2,400	$215,940.63
☐	CONRAD REST AREA	CONRAD INTERCHANGE	CONRAD	2009	-00	$359,897.10
☐	CONRAD SAND SHED	310 NORTH MAIN STREET	CONRAD		222	$8,718.25
☐	CONRAD SECTION HOUSE	310 NORTH MAIN STREET	CONRAD		4,000	$1,680,056.23
☐	KALISPELL LOADER SHED	BRASS PIT	CORAM		560	$26,991.10
☐	CULBERTSON EQUIPMENT STORAGE WEST	4202 CULBERTSON	CULBERTSON	1990	200	$7,507.80
☐	CULBERTSON OIL SHED	820 6TH AVENUE EAST	CULBERTSON	1978	-00	$4,069.95
☐	CULBERTSON RADIO TOWER BUILDING	4202 CULBERTSON	CULBERTSON	1990	200	$7,507.80
☐	CULBERTSON REAST AREA TRAILER COURT	MT HIGHWAY 2 MP 527.2	CULBERTSON	2011	-00	$4,353.75
☐	CULBERTSON REST AREA	MT HIGHWAY 2 MP 645.2	CULBERTSON		1,408	$1,456,095.03
☐	CULBERTSON REST AREA PINIC ARBOR	MT HIGHWAY 2 MP 645	CULBERTSON		-00	$77,748.30
☐	CULBERTSON REST AREA TRAILER COURT	4204 CULBERTSON	CULBERTSON	1990	200	$7,507.80
☐	CULBERTSON SAND STORAGE	MT HIGHWAY 2 MP 645.2	CULBERTSON	1972	-00	$16,185.20
☐	CULBERTSON SECTION HOUSE	820 6TH AVENUE EAST	CULBERTSON	1972	-00	$51,803.18
☐	CULBERTSON SECTION HOUSE	820 6TH AVENUE EAST	CULBERTSON	2008	-00	$215,940.63
☐	CULBERTSON SHED NORTH	820 6TH AVENUE EAST	CULBERTSON		-00	$108,057.93
☐	CULBERTSON STORAGE SHED	4202 CULBERTSON	CULBERTSON	1990	200	$7,507.80
☐	CULBERTSON STORAGE SHED	MT HIGHWAY 2 MP 527.2	CULBERTSON	2007	1,600	$26,991.10
☐	CULBERTSON TIN SHED	4202 CULBERTSON	CULBERTSON	1990	200	$7,507.80
☐	CULBERTSON TIN STORAGE SHED	4202 CULBERTSON	CULBERTSON	1990	200	$7,507.80
☐	CULBERTSON WEIGH STATION	MT HIGHWAY 2 MP 644	CULBERTSON		200	$143,959.70
☐	Wolf Point Radio Equipment	Culbertson	CULBERTSON		-00	$0.00
☐	Billings RWIS site Yellowstone River Bridge	I-90 mile post 452.3	CUSTER		-00	$0.00
☐	CUSTER REST AREA EAST	INTERSTATE 94 MP 64.8	CUSTER		1,200	$603,249.15
☐	CUSTER REST AREA WEST	INTERSTATE 94 MP 41.3	CUSTER	2007	1,200	$603,249.15
☐	CUSTER SAND HOUSE	INTERSTATE 94 MP 63	CUSTER		-00	$4,069.95
☐	CUSTER SECTION HOUSE	109 3RD AVENUE	CUSTER		-00	$88,175.80

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☐	WACO SAND HOUSE	WACO INTERCHANGE	CUSTER		-00	$34,606.40
☐	CUT BANK CONSTRUCTION STORAGE	3208 CUT BANK	CUT BANK	1990	200	$7,507.80
☐	CUT BANK REST AREA	MT HIGHWAY 2 MP 255.7	CUT BANK	2006	-00	$407,586.25
☐	CUT BANK SECTION HOUSE	31 NYGHAGEN ROAD	CUT BANK	1990	-00	$9,858.83
☐	CUT BANK SHED	3208 CUT BANK	CUT BANK	1990	200	$7,507.80
☐	CUT BANK SIGN SHED	31 NYGHAGEN ROAD	CUT BANK		-00	$8,854.78
☐	CUT BANK STORAGE SHED	31 NYGHAGEN ROAD	CUT BANK		-00	$4,069.95
☐	CUT BANK STORAGE SHED	3208 CUT BANK	CUT BANK	1990	200	$7,507.80
☐	CUT BANK TOOL STORAGE	3208 CUTBANK	CUT BANK	1990	200	$7,507.80
☐	LOOKOUT PASS SECTION HOUSE	70 DEBORGIA HAUGEN FRONT	DE BORGIA	2005	6,000	$4,353.75
☐	LOOKOUT PASS STOCKPILE SITE	70 DEBORGIA HAUGEN FRONT	DE BORGIA		222	$4,069.95
☐	RIVERSIDE COLD STORAGE	70 DEBORGIA HAUGEN FRONT	DE BORGIA	2007	2,400	$116,619.23
☐	RIVERSIDE SAND STORAGE	70 DEBORGIA HAUGEN FRONT	DE BORGIA	2010	3,200	$766,283.65
☐	BROADUS SECTION HOUSE	41 SPARKS LANE	DEER LODGE		-00	$4,069.95
☐	DEER LODGE SECTION HOUSE	1317 VALLEY VIEW DRIVE	DEER LODGE		-00	$648,853.88
☐	DEER LODGE SIGN SHED	1317 VALLEY VIEW DRIVE	DEER LODGE		-00	$176,352.68
☐	DENTON EQUIPMENT SHOP 2 BAY	12885 US HIGHWAY 81	DENTON	2004	1,800	$87,543.70
☐	DENTON SAND HOUSE	12885 US HIGHWAY 81	DENTON		3,456	$75,578.95
☐	DENTON SECTION HOUSE	12885 US HIGHWAY 81	DENTON	1997	-00	$129,565.45
☐	DENTON STORAGE SHED	12885 US HIGHWAY 81	DENTON		-00	$179,949.63
☐	Lewistown RWIS site East of Denton	MT81 milepost 17	DENTON		-00	$0.00
☐	BOLICK LOADER SHED	INTERSTATE 15 SOUTH MP 57.	DILLON	1980	448	$415,613.28
☐	BROADUS SIGN SHED	41 SPARKS LANE	DILLON	1966	-00	$26,991.10
☐	BUFFALO SAND TUBE	2110 DILLON	DILLON	1990	200	$7,507.80
☐	DILLON LOADER SHED	SECONDARY 278 MP 25.6	DILLON		-00	$20,859.30
☐	DILLON MECHANIC SHOP NEW	3577 US HIGHWAY 91 NORTH	DILLON		5,555	$233,237.38
☐	DILLON MECHANIC SHOP NEW ADDITION	3577 US HIGHWAY 91 NORTH	DILLON		2,222	$62,921.90
☐	DILLON MECHANIC SHOP OLD	3577 US HIGHWAY 91 NORTH	DILLON		2,222	$93,294.95
☐	DILLON MECHANIC SHOP OLD ADDITION	3577 US HIGHWAY 91 NORTH	DILLON		1,111	$46,646.40

☐	DILLON SECTION HOUSE	3577 US HIGHWAY 91 NORTH	DILLON		2,222	$93,294.95
☐	DILLON SECTION HOUSE ADDITION	3577 US HIGHWAY 91 NORTH	DILLON		1,111	$46,646.40
☐	DILLON STORAGE	3577 US HIGHWAY 91 NORTH	DILLON		222	$8,718.25
☐	DILLON TOOL SHOP	3577 US HIGHWAY 91 NORTH	DILLON		555	$21,796.70
☐	DIVIDE EQUIPMENT SHOP 2 BAY	77800 US HIGHWAY 43	DIVIDE	2008	2,000	$215,940.63
☐	DIVIDE MCS TRAILER	DIVIDE	DIVIDE	2018	96	$9,128.90
☐	DIVIDE REST AREA NORTH	INTERSTATE 15 MP 108.69	DIVIDE		1,200	$301,624.58
☐	DIVIDE REST AREA SOUTH	INTERSTATE 15 MP 108.74	DIVIDE	1940	1,200	$301,624.58
☐	DIVIDE SAND HOUSE	77800 US HIGHWAY 43	DIVIDE		2,400	$26,991.10
☐	DIVIDE SECTION HOUSE	77800 US HIGHWAY 43	DIVIDE	2004	20,000	$6,292,767.28
☐	DRUMMOND CAMPSITE	OLD MT HIGHWAY 10A	DRUMMOND	1992	-00	$4,069.95
☐	DRUMMOND EQUIPMENT STORAGE	6283 MT HIGHWAY 1	DRUMMOND	2005	-00	$6,763.90
☐	DRUMMOND QUONSET SHED	6283 MT HIGHWAY 1	DRUMMOND	2013	4,160	$11,080.03
☐	DRUMMOND SECTION HOUSE	6283 MT HIGHWAY 1	DRUMMOND	1968	-00	$304,473.33
☐	DRUMMOND STOCKPILE	6283 MT HIGHWAY 1	DRUMMOND	2013	-00	$4,069.95
☐	DRUMMOND STORAGE SHED	6283 MT HIGHWAY 1	DRUMMOND	2011	228	$15,595.03
☐	DRUMMOND WEIGH STATION EAST	INTERSTATE 90 MP 150.6	DRUMMOND	1997	200	$29,991.43
☐	DRUMMOND WEIGH STATION WEST	INTERSTATE 90 MP 150.6	DRUMMOND		200	$29,991.43
☐	DUPUYER EQUIPMENT STORAGE	205 GILLETTE AVENUE WEST	DUPUYER		2,400	$230,333.80
☐	DUPUYER EQUIPMENT STORAGE 1 BAY	205 GILLETTE AVENUE WEST	DUPUYER		2,400	$215,940.63
☐	DUPUYER FUEL SHED	205 GILLETTE AVENUE WEST	DUPUYER		-00	$301,624.58
☐	DUPUYER SAND HOUSE	205 GILLETTE AVENUE WEST	DUPUYER		2,400	$89,974.28
☐	DUPUYER SECTION HOUSE	205 GILLETTE AVENUE WEST	DUPUYER		-00	$11,660.53
☐	DUPUYER SIGN SHED	205 GILLETTE AVENUE WEST	DUPUYER		240	$4,069.95
☐	DUTTON EQUIPMENT SHOP 6 BAY	1326 16TH ROAD NE	DUTTON		4,400	$301,624.58
☐	DUTTON REST AREA EAST	INTERSTATE 15 MP 318	DUTTON		-00	$8,854.78
☐	DUTTON REST AREA NORTH	INTERSTATE 15 MP 318	DUTTON	2013	1,200	$404,885.85
☐	DUTTON REST AREA PINIC SHELTER NORTH	INTERSTATE 15 MP 318	DUTTON		-00	$8,854.78
☐	DUTTON REST AREA PINIC SHELTER NORTH	INTERSTATE 15 MP 318	DUTTON		-00	$4,609.60

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☐	DUTTON REST AREA PINIC SHELTER SOUTH	INTERSTATE 15 MP 318	DUTTON		-00	$49,889.68
☐	DUTTON REST AREA PINIC SHELTER SOUTH	INTERSTATE 15 MP 318	DUTTON		-00	$4,069.95
☐	DUTTON REST AREA SOUTH	INTERSTATE 15 MP 318	DUTTON		1,200	$213,998.10
☐	DUTTON REST AREA WEST	INTERSTATE 15 MP 318	DUTTON		-00	$201,682.90
☐	DUTTON SAND SHED	1326 16TH ROAD NORTH EAST	DUTTON		-00	$8,854.78
☐	DUTTON SECTION HOUSE	1326 16TH ROAD NORTH EAST	DUTTON		4,400	$89,974.28
☐	DUTTON STORAGE SHED	1326 16TH ROAD NORTH EAST	DUTTON		-00	$196,502.48
☐	EAST GLACIER EQUIPMENT STORAGE	MT HIGHWAY 2 MP 208.4	EAST GLACIER PARK	1972	3,920	$24,900.23
☐	EAST GLACIER LOADER SHED	MT HIGHWAY 2 MP 197.8	EAST GLACIER PARK	2017	-00	$23,324.28
☐	EAST GLACIER LOADER SHED	MT HIGHWAY 2 MP 189.9	EAST GLACIER PARK	1981	-00	$352,699.98
☐	EAST GLACIER LOADER SHED	MT HIGHWAY 2 MP 208.4	EAST GLACIER PARK		512	$89,974.28
☐	EAST GLACIER LOADER SHED	MT HIGHWAY 2 MP 208.4	EAST GLACIER PARK		560	$4,069.95
☐	EAST GLACIER SAND HOUSE	20741 US HIGHWAY 2	EAST GLACIER PARK	2007	-00	$26,991.10
☐	EAST GLACIER SECTION HOUSE	20741 US HIGHWAY 2	EAST GLACIER PARK		-00	$23,273.75
☐	EAST GLACIER SIGN SHED	20741 US HIGHWAY 2	EAST GLACIER PARK		-00	$4,069.95
☐	EAST GLACIER STORAGE SHED	MT HIGHWAY 2 MP 208.4	EAST GLACIER PARK	2007	480	$3,116.43
☐	EKALAKA SAND HOUSE	MT 7 US HIGHWAY 51	EKALAKA		2,400	$85,015.30
☐	EKALAKA SECTION HOUSE	MT 7 US HIGHWAY 51	EKALAKA		-00	$116,619.23
☐	Miles City RWIS site Ekalaka	MT 7 milepost 14.2	EKALAKA		-00	$0.00
☐	ELMO LOADER SHED	MT HIGHWAY 28 MP 46.5	ELMO		222	$8,718.25
☐	CARBELLA SECTION HOUSE	1682 MT HIGHWAY 89 SOUTH	EMIGRANT		2,100	$97,891.65
☐	CARBELLA SIGN SHED	1682 MT HIGHWAY 89 SOUTH	EMIGRANT		-00	$30,254.80
☐	CARBELLA STORAGE SHED	1682 MT HIGHWAY 89 SOUTH	EMIGRANT		-00	$10,156.60
☐	CARBELLA YARD	1682 MT HIGHWAY 89 SOUTH	EMIGRANT		-00	$4,069.95
☐	EMIGRANT REST AREA	MT HIGHWAY 89 MP 23.7	EMIGRANT		742	$978,022.10
☐	Bozeman RWIS site Raynold Pass	MT 87 milepost 1.2	ENNIS		-00	$0.00
☐	DEEP CREEK EQUIPMENT STORAGE	1317 VALLEY VIEW DRIVE	ENNIS	2004	-00	$4,069.95
☐	ENNIS EQUIPMENT STORAGE	US HIGHWAY 287 MP 2	ENNIS	1968	-00	$4,069.95
☐	ENNIS LOADER SHED	US HIGHWAY 287 MP 65.2	ENNIS	1997	-00	$8,854.78

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☐	ENNIS LOADER SHED	291 US HIGHWAY 287	ENNIS	1981	-00	$4,069.95
☐	ENNIS REST AREA	US HIGHWAY 287 MP 48.7	ENNIS		-00	$544,958.35
☐	ENNIS REST AREA	1508 US HIGHWAY 287	ENNIS		-00	$4,069.95
☐	ENNIS SECTION HOUSE	291 US HIGHWAY 287	ENNIS	2015	2,400	$301,624.58
☐	ENNIS SECTION HOUSE OLD	493 US HIGHWAY 287	ENNIS	2005	-00	$89,974.28
☐	ENNIS STORAGE SHED	US HIGHWAY 287 MP 2	ENNIS		-00	$34,606.40
☐	Kalispell RWIS site Essex	US2 milepost 179.0	ESSEX		-00	$0.00
☐	EUREKA EQUIPMENT STORAGE	210 HWY 37	EUREKA		-00	$90,695.60
☐	EUREKA EQUIPMENT STORAGE BUILDING	65971 MT HWY 37	EUREKA	2021	5,767	$1,306,259.38
☐	EUREKA SALT BIN	65971 MT HIGHWAY 37	EUREKA	1998	-00	$34,606.40
☐	EUREKA SECTION HOUSE	65971 MT HIGHWAY 37	EUREKA		-00	$41,495.00
☐	EUREKA SIGN SHED	65971 MT HIGHWAY 37	EUREKA		-00	$203,652.30
☐	Kalispell RWIS site Dickey lake	US93 milepost 160.2	EUREKA		-00	$0.00
☐	FLAXVILLE EQUIPMENT STORAGE	US HIGHWAY 5	FLAXVILLE	1956	-00	$56,123.60
☐	FORSYTH GAS HOUSE STORAGE	2275 FRONT STREET	FORSYTH	2011	-00	$359,897.10
☐	FORSYTH PICKUP SHED	2275 FRONT STREET	FORSYTH		-00	$4,069.95
☐	FORSYTH SECTION HOUSE	2275 FRONT STREET	FORSYTH	1985	-00	$215,940.63
☐	FORSYTH TRUCK SHED	2275 FRONT STREET	FORSYTH		-00	$4,069.95
☐	FORSYTH WEIGH STATION EAST	INTERSTATE 94 MP 98.6	FORSYTH	1955	200	$101,219.85
☐	FORSYTH WEIGH STATION WEST	INTERSTATE 94 MP 98.5	FORSYTH		200	$29,991.43
☐	TERRY FUEL VAULT STORAGE	4306 FORSYTH	FORSYTH	1990	200	$7,507.80
☐	FORT BENTON EQUIPMENT STORAGE	43001 US HIGHWAY 87 NORTH	FORT BENTON		4,816	$478,042.83
☐	FORT BENTON LOADER SHED	43001 US HIGHWAY 87 NORTH	FORT BENTON		-00	$4,353.75
☐	FORT BENTON SECTION HOUSE	43001 US HIGHWAY 87 NORTH	FORT BENTON		-00	$26,991.10
☐	FORT BENTON SIGN SHED	43001 US HIGHWAY 87 NORTH	FORT BENTON		-00	$8,854.78
☐	FRENCHTOWN WEIGH STATION EAST	INTERSTATE 90 EXIT 92	FRENCHTOWN		222	$30,254.80
☐	FRENCHTOWN WEIGH STATION WEST	INTERSTATE 90 MM 92.5	FRENCHTOWN		222	$4,353.75
☐	GATEWAY LOADER SHED	72001 GALLATIN ROAD	GALLATIN GATEWAY		-00	$408,664.48
☐	GATEWAY SECTION HOUSE	72001 GALLATIN ROAD	GALLATIN GATEWAY		-00	$23,273.75

☐	GARDNIER POINT OF ENTRY	MT HIGHWAY MP.7	GARDINER		-00	$9,858.83
☐	Butte RWIS site Garrison	I-90 milepost 174.4	GARRISON		-00	$0.00
☐	Lewistown RWIS site Geyser	US287 milepost 23	GEYSER		-00	$0.00
☐	GLASGOW COLD MIX STORAGE	4205 GLASGOW	GLASGOW	1990	200	$7,507.80
☐	GLASGOW COLD MIX STORAGE SHED	54083 US HIGHWAY 2 WEST	GLASGOW		222	$8,718.25
☐	GLASGOW END STORAGE SHED	4205 GLASGOW	GLASGOW	1990	200	$7,507.80
☐	GLASGOW EQUIPMENT COLD STORAGE 3 BAY	54083 US HIGHWAY 2 WEST	GLASGOW	1958	-00	$802,098.35
☐	GLASGOW EQUIPMENT SHOP	54083 US HIGHWAY 2 WEST	GLASGOW	1998	-00	$143,959.70
☐	GLASGOW EUQIPMENT SHOP 5 BAY	54083 US HIGHWAY 2 WEST	GLASGOW		-00	$1,747,991.93
☐	GLASGOW REST AREA	MT HIGHWAY 2 MP 527.2	GLASGOW		1,200	$134,963.03
☐	GLASGOW REST AREA PICNIC ARBOR	4205 GLASGOW	GLASGOW	1990	200	$7,507.80
☐	GLASGOW REST AREA PICNIC ARBOR	4205 GLASGOW	GLASGOW	1990	200	$7,507.80
☐	GLASGOW REST AREA PICNIC ARBOR	4205 GLASGOW	GLASGOW	1990	200	$7,507.80
☐	GLASGOW REST AREA PIINIC ARBOR	MT HIGHWAY 2 MP 527.2	GLASGOW	2009	-00	$519,963.53
☐	GLASGOW REST AREA PINIC ARBOR	MT HIGHWAY 2 MP 527.2	GLASGOW	1998	-00	$90,695.60
☐	GLASGOW REST AREA PINIC ARBOR	MT HIGHWAY 2 MP 527.2	GLASGOW	1970	-00	$98,973.10
☐	GLASGOW REST AREA TIN SHED	4205 GLASGOW	GLASGOW	1990	200	$7,507.80
☐	GLASGOW RWIS SITE	54083 US HIGHWAY 2 WEST	GLASGOW	2020	1	$0.00
☐	GLASGOW SAND HOUSE	54083 US HIGHWAY 2 WEST	GLASGOW	1971	222	$8,718.25
☐	GLASGOW SECTION HOUSE	54083 US HIGHWAY 2 WEST	GLASGOW	2015	2,222	$1,747,991.93
☐	GLASGOW SIGN SHED	4205 GLASGOW	GLASGOW	1990	200	$7,507.80
☐	GLASGOW SIGN SHED	54083 US HIGHWAY 2 WEST	GLASGOW		222	$8,718.25
☐	GLASGOW STORAGE SHED	54083 US HIGHWAY 2 WEST	GLASGOW		222	$8,718.25
☐	GLASGOW TOOL SHED	4205 GLASGOW	GLASGOW	1990	200	$7,507.80
☐	GLASGOW TOOL SHED	54083 US HIGHWAY 2 WEST	GLASGOW		222	$8,718.25
☐	GLEN LOADER SHED	INTERSTATE 15 MP 85.2	GLEN	1960	448	$20,859.30
☐	BAD ROUTE REST AREA	503 NORTH RIVER AVENUE	GLENDIVE	1949	-00	$374,294.58
☐	GLENDIVE DISTRICT OFFICE	503 NORTH RIVER AVENUE	GLENDIVE	2013	23,691	$2,330,654.83
☐	GLENDIVE EQUIPMANT SHOP 7 BAY	503 NORTH RIVER AVENUE	GLENDIVE		5,376	$397,326.45

☐	GLENDIVE EQUIPMENT SHOP	503 NORTH RIVER AVENUE	GLENDIVE		2,222	$323,909.33
☐	GLENDIVE EQUIPMENT SHOP 5 BAY	503 NORTH RIVER AVENUE	GLENDIVE		3,600	$483,701.63
☐	GLENDIVE EQUIPMENT SHOP 6 BAY	503 NORTH RIVER AVENUE	GLENDIVE	1970	4,416	$185,412.78
☐	GLENDIVE EQUIPMENT SHOP 8 BAY	503 NORTH RIVER AVENUE	GLENDIVE	1970	4,160	$174,663.85
☐	GLENDIVE EQUIPMENT SHOP WEST	123 RIVER ROAD	GLENDIVE		2,222	$93,294.95
☐	GLENDIVE EQUIPMENT STORAGE	X-11315 MP .7	GLENDIVE	1970	222	$8,718.25
☐	GLENDIVE GAS CONTAINMENT SHED	425 STATE STREET	GLENDIVE	1980	-00	$1,943,765.55
☐	GLENDIVE MAINTENANCE SECTION HOUSE	11315 MILE POST .7	GLENDIVE		-00	$71,980.93
☐	Glendive Radio Equipment	Makoshika park	GLENDIVE		300	$4,496.73
☐	GLENDIVE REST AREA GARBAGE SHED	11102 MP .2	GLENDIVE	1960	-00	$4,069.95
☐	GLENDIVE REST AREA UTILITY SHED	11102 MP .2	GLENDIVE	1960	-00	$215,940.63
☐	GLENDIVE STEAM CLEANING BUILDING	503 NORTH RIVER AVENUE	GLENDIVE	1987	960	$37,700.25
☐	GLENDIVE STORAGE CONSTRUCTION	503 NORTH RIVER AVENUE	GLENDIVE	1953	-00	$364,437.90
☐	GLENDIVE STORAGE LAB	503 NORTH RIVER AVENUE	GLENDIVE	1958	-00	$9,858.83
☐	GLENDIVE STORAGE SHED	503 NORTH RIVER AVENUE	GLENDIVE	1960	640	$31,099.75
☐	GLENDIVE STORAGE STOCK	123 RIVER ROAD	GLENDIVE	1980	7,500	$31,099.75
☐	Miles City RWID site Beaver Hill	I-94 milepost 234.8	GLENDIVE		-00	$0.00
☐	GOLD CREEK REST AREA EAST	INTERSTATE 90 MP 169	GOLD CREEK		1,200	$102,502.33
☐	GOLD CREEK REST AREA WEST	INTERSTATE 90 MP 167	GOLD CREEK		1,200	$102,502.33
☐	GRASS RANGE DISTRICT OFFICE	11418 US HIGHWAY 200	GRASS RANGE	2017	4,530	$407,586.25
☐	GRASS RANGE STOCKPILE WEST	MT HIGHWAY 200	GRASS RANGE	2011	-00	$4,069.95
☐	GRASS RANGE STORAGE	11418 US HIGHWAY 200	GRASS RANGE	1970	384	$18,659.85
☐	BOWMANS CORNER BRINE TANK	MT HIGHWAY 200 MP 108.1	GREAT FALLS	2005	4,160	$155,955.63
☐	BOWMANS CORNER SAND SHED	MT HIGHWAY 200 MP 108.1	GREAT FALLS		-00	$43,523.53
☐	EMERSON BRINE PLANT	INTERSTATE 15 MP 282.5	GREAT FALLS	2011	6,400	$291,137.95
☐	EMERSON SAND HOUSE	INTERSTATE 15 MP 282.5	GREAT FALLS	1957	4,160	$202,143.00
☐	GORE HILL WEIGH STATION	INTERSTATE 15 MP 275	GREAT FALLS		200	$29,991.43
☐	GREAT FALLS CAPRENTER SHOP	C5203 NORTH MM 1.5	GREAT FALLS		1,084	$56,317.10
☐	GREAT FALLS COMBINATION BUILDING	NA	GREAT FALLS		4,640	$537,450.55

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☐	GREAT FALLS CONSTRUCTION BUILDING	200 SMELTER AVENUE NE	GREAT FALLS		2,222	$4,353.75
☐	GREAT FALLS CONSTRUCTION SHED	200 SMELTER AVENUE NE	GREAT FALLS		4,640	$182,220.03
☐	GREAT FALLS CONSTRUCTION SHED MIDDLE	200 SMELTER AVENUE NE	GREAT FALLS		222	$8,718.25
☐	GREAT FALLS CONSTRUCTION TRAILER	200 SMELTER AVENUE NE	GREAT FALLS		555	$21,796.70
☐	GREAT FALLS CONSTRUCTION TRAILER MIDDLE	200 SMELTER AVENUE NE	GREAT FALLS		555	$21,796.70
☐	GREAT FALLS CONSTRUCTION TRAILER NORTH	200 SMELTER AVENUE NE	GREAT FALLS		555	$21,796.70
☐	GREAT FALLS CONTRUCTION SHED WEST	200 SMELTER AVENUE NE	GREAT FALLS		-00	$26,991.10
☐	GREAT FALLS DISTRICT OFFICE	200 SMELTER AVENUE NE	GREAT FALLS		18,024	$2,711,392.95
☐	GREAT FALLS EQUIPMENT SHOP	200 SMELTER AVENUE NE	GREAT FALLS	1965	-00	$531,329.50
☐	GREAT FALLS EQUIPMENT SHOP AND OFFICE	200 SMELTER AVENUE NE	GREAT FALLS		18,024	$756,767.75
☐	GREAT FALLS FILE STORAGE	200 SMELTER AVENUE NE	GREAT FALLS		-00	$4,069.95
☐	GREAT FALLS FLAMMABLE STORAGE SHED	200 SMELTER AVENUE NE	GREAT FALLS		222	$8,718.25
☐	GREAT FALLS LAB	C5203 NORTH MP 1.5	GREAT FALLS		-00	$4,353.75
☐	GREAT FALLS LAB SHED	C5203 NORTH MP 1.5	GREAT FALLS		-00	$26,991.10
☐	GREAT FALLS LOADER SHED	200 SMELTER AVENUE NE	GREAT FALLS		-00	$20,991.53
☐	GREAT FALLS LOADER SHED	MT HIGHWAY 89 MP 43.90	GREAT FALLS		-00	$26,991.10
☐	GREAT FALLS MAINTENANCE SHED EAST	200 SMELTER AVENUE NE	GREAT FALLS		560	$331,105.38
☐	GREAT FALLS MAINTENANCE SHED WEST	200 SMELTER AVENUE NE	GREAT FALLS		555	$89,974.28
☐	GREAT FALLS MAINTENANCE SHOP NORTH	200 SMELTER AVENUE	GREAT FALLS		5,555	$233,237.38
☐	GREAT FALLS MAINTENANCE SHOP SOUTH	200 SMELTER AVENUE	GREAT FALLS		5,555	$233,237.38
☐	GREAT FALLS OIL AND GREASE WAREHOUSE	C5203 NORTH MP 1.5	GREAT FALLS		624	$18,713.60
☐	GREAT FALLS PAINT SHOP	C5203 NORTH MP 1.5	GREAT FALLS	1955	555	$4,069.95
☐	GREAT FALLS POLE BARN	C5203 NORTH MP 1.5	GREAT FALLS		100	$3,928.05
☐	GREAT FALLS R FUND STORAGE	200 SMELTER AVENUE	GREAT FALLS		222	$8,718.25
☐	GREAT FALLS RECORD STORAGE	200 SMELTER AVENUE	GREAT FALLS		555	$21,796.70
☐	Great Falls Records Storage	200 Smelter Avenue NE	GREAT FALLS		1,084	$52,671.78
☐	GREAT FALLS SECTION HOUSE	200 SMELTER AVENUE NE	GREAT FALLS	1998	3,680	$228,756.78
☐	GREAT FALLS SHED	C5203 NORTH MP 1.5	GREAT FALLS		222	$8,718.25
☐	GREAT FALLS STEAM CLEANING	C5203 NORTH MP 1.5	GREAT FALLS	1967	1,680	$87,276.03

☐	GREAT FALLS STORAGE	NA	GREAT FALLS	1955	576	$4,069.95
☐	GREAT FALLS STORES BUILDING	NA	GREAT FALLS	2009	2,400	$27,989.78
☐	GREAT FALLS TAP SHED	200 SMELTER AVENUE NE	GREAT FALLS		222	$8,718.25
☐	GREAT FALLS WASH BAY	200 SMELTER AVENUE NE	GREAT FALLS		222	$8,718.25
☐	GREAT FALLS WELDING AND PAINT SHOP	C5203 NORTH MP 1.5	GREAT FALLS		3,000	$451,302.20
☐	GREAT FALLS WELDING SHOP EAST	C5203 NORTH MP 1.5	GREAT FALLS	2017	-00	$4,069.95
☐	GREAT FALLS WELDING SHOP STORAGE	NA	GREAT FALLS	1963	-00	$4,353.75
☐	GREAT FALLS YARD	C5203 NORTH MP 7.5	GREAT FALLS		2,222	$87,262.05
☐	ROGERS PASS EQUIPMENT STORAGE	37048 US HIGHWAY 12 WEST	GREAT FALLS	2007	3,060	$108,057.93
☐	CLEARWATER WEIGH STATION	MT 83 AND HIGHWAY 200	GREENOUGH		200	$4,353.75
☐	MISSOULA SECTION HOUSE	2100 WEST BROADWAY STREE	GREENOUGH		-00	$4,069.95
☐	GREYCLIFF REST AREA EAST	INTERSTATE 90 MP 381	GREYCLIFF		2,500	$301,624.58
☐	GREYCLIFF REST AREA WEST	INTERSTATE WEST MP 380	GREYCLIFF		2,500	$301,624.58
☐	HAMILTON COMPOST STATION	US HIGHWAY 93 MP 62.7	HAMILTON		111	$4,360.20
☐	HAMILTON EQUIPMENT SHOP 10 BAY	909 HUB LANE	HAMILTON		6,436	$327,506.28
☐	HAMILTON LOADER SHED	US HIGHWAY 93 MP 62.7	HAMILTON		222	$8,718.25
☐	HAMILTON LOADER SHED	MT HIGHWAY 93 MP 8.4	HAMILTON		222	$8,718.25
☐	HAMILTON SECTION HOUSE	909 HUB LANE	HAMILTON		-00	$4,353.75
☐	HAMILTON SIGN SHED	909 HUB LANE	HAMILTON	1999	493	$4,069.95
☐	HAMILTON STOCKPILE SITE	MT HIGHWAY 93 MP 8.4	HAMILTON		222	$8,718.25
☐	HAMILTON STOCKPILE SITE	US HIGHWAY 93 MP 62.7	HAMILTON		222	$8,718.25
☐	HAMILTON STOCKPILE SITE	US HIGHWAY 93 MP 44	HAMILTON		222	$8,718.25
☐	HARDIN EQUIPMENT STORAGE	36336 OLD HIGHWAY 87	HARDIN	2005	1,200	$34,606.40
☐	HARDIN LAB SHED	36336 OLD HIGHWAY 87	HARDIN		100	$3,928.05
☐	HARDIN REST AREA EAST	INTERSTATE 90 MP 476.4	HARDIN	2010	1,200	$603,249.15
☐	HARDIN REST AREA WEST	INTERSTATE 90 MP 476.5	HARDIN	1980	1,200	$603,249.15
☐	HARDIN SECTION HOUSE	36336 OLD HIGHWAY 87	HARDIN	2005	5,600	$4,069.95
☐	HARDIN SIGN SHED	36336 OLD HIGHWAY 87	HARDIN		420	$16,493.73
☐	HARDIN TOOL SHED	36336 OLD HIGHWAY 87	HARDIN	2005	5,600	$219,920.28

☐	HARLEM DEICER PUMP SHED	300 4TH STREET SW	HARLEM		-00	$24,900.23
☐	HARLEM EQUIPMENT STORAGE	300 4TH STREET SW	HARLEM		-00	$100,771.58
☐	HARLEM EQUIPMENT STORAGE OLD	300 4TH STREET SW	HARLEM		2,800	$251,928.40
☐	HARLEM LOADER SHED	1649 US HIGHWAY 2 NE	HARLEM		512	$20,105.73
☐	HARLEM SECTION HOUSE	300 4TH STREET SW	HARLEM		1,344	$56,428.90
☐	HARLEM SHED NORTH	300 4TH STREET SW	HARLEM		222	$8,718.25
☐	HARLEM SIGN SHED	300 4TH STREET SW	HARLEM		222	$8,718.25
☐	HARLEM STORAGE SHED	300 4TH STREET SW	HARLEM		222	$8,718.25
☐	HARLOWTOwN EQUIPMENT SHOP 3 BAY	1706 US HIGHWAY 12 EAST	HARLOWTON		2,222	$93,294.95
☐	HARLOWTOWN EQUIPMENT SHOP 3 BAY	1706 US HIGHWAY 12 EAST	HARLOWTON	2002	2,576	$295,836.78
☐	HARLOWTOWN PUMP HOUSE	1706 US HIGHWAY 12 EAST	HARLOWTON	1942	29	$125,283.73
☐	HARLOWTOWN REST AREA	1706 US HIGHWAY 12 EAST	HARLOWTON	2010	2,000	$944,902.43
☐	HARLOWTOWN SAND HOUSE	1706 US HIGHWAY 12 EAST	HARLOWTON	1999	2,400	$89,974.28
☐	HARLOWTOwN SECTION HOUSE	1706 US HIGHWAY 12 EAST	HARLOWTON		2,222	$93,294.95
☐	HARLOWTOWN WEIGH STATION	MT HIGHWAY 191	HARLOWTON		222	$29,991.43
☐	Lewiston RWIS site Judity Gap	5309 Harlowtown	HARLOWTON		-00	$0.00
☐	HARRISON EQUIPMENT SHOP 2 BAY	7591 US HIGHWAY 287 NORTH	HARRISON	1957	3,333	$215,940.63
☐	HARRISON EQUIPMENT STORAGE	7591 US HIGHWAY 287 NORTH	HARRISON	2000	222	$8,718.25
☐	HARRISON LOADER SHED	7591 US HIGHWAY 287 NORTH	HARRISON	1961	560	$26,991.10
☐	HARRISON SECTION HOUSE	7591 US HIGHWAY 287 NORTH	HARRISON		-00	$75,578.95
☐	HARRISON STORAGE SHED	7591 US HIGHWAY 287 NORTH	HARRISON		-00	$103,900.90
☐	HATHAWAY REST AREA EAST	HATHAWAY	HATHAWAY		-00	$8,854.78
☐	HATHAWAY REST AREA EAST	HATHAWAY	HATHAWAY		-00	$603,249.15
☐	HATHAWAY REST AREA EAST	INTERSTATE 94 MP 113.5	HATHAWAY		-00	$8,854.78
☐	HATHAWAY REST AREA INFORMATION KIOSK	INTERSTATE 94 MP 112.6	HATHAWAY	1961	-00	$89,974.28
☐	HATHAWAY REST AREA STORAGE	INTERSTATE 94 MP 113.5	HATHAWAY	1937	-00	$4,069.95
☐	HATHAWAY REST AREA STORAGE WEST	INTERSTATE 94 MP 112.6	HATHAWAY		-00	$4,069.95
☐	HATHAWAY REST AREA WEST	INTERSTATE 94 MP 112.6	HATHAWAY	1990	-00	$8,854.78
☐	HATHAWAY REST AREA WEST	INTERSTATE 94	HATHAWAY	2014	-00	$603,249.15

☐	HATHAWAY REST AREA WEST	INTERSTATE 94	HATHAWAY		-00	$8,854.78
☐	HATHAWAY SAND SHED	OLD MT HIGHWAY 10 MP 13.5	HATHAWAY		2,400	$4,069.95
☐	HAUGAN WEIGH STATION EAST	INTERSTATE 90 MP 15	HAUGAN		-00	$29,991.43
☐	HAUGAN WEIGH STATION WEST	INTERSTATE 90 MP 15	HAUGAN		200	$29,991.43
☐	TAFT SAND STORAGE	INTERSTATE 15 MP 5.8	HAUGAN		2,800	$4,069.95
☐	HAVRE AIRFORCE SHED	1649 US HIGHWAY 2 NW	HAVRE	1974	100	$4,069.95
☐	HAVRE CARPENTER SHOP	1649 US HIGHWAY 2 NW	HAVRE		222	$8,718.25
☐	HAVRE COLD SHED	1649 US HIGHWAY 2 NW	HAVRE		100	$4,069.95
☐	HAVRE CONSTRUCTION CREW STORAGE	3201 HAVRE SECTION	HAVRE	1990	200	$7,507.80
☐	HAVRE CRAFCO SHED	1649 US HIGHWAY 2 NW	HAVRE		100	$4,069.95
☐	HAVRE DISTRICT OFFICE	1649 US HIGHWAY 2 NW	HAVRE		21,276	$893,309.95
☐	HAVRE EQUIPMENT STORAGE	1649 US HIGHWAY 2 NW	HAVRE	1987	1,728	$129,565.45
☐	HAVRE LAB	1649 US HIGHWAY 2 NW	HAVRE		2,222	$138,397.65
☐	HAVRE LAB	1649 US HIGHWAY 2 NW	HAVRE		2,664	$104,619.00
☐	HAVRE LAB AND STORAGE	1649 US HIGHWAY 2 NW	HAVRE		555	$21,796.70
☐	HAVRE MAINTENANCE SHOP 6 BAY	1649 US HIGHWAY 2 NW	HAVRE	1960	4,250	$220,796.40
☐	HAVRE PUMP SHED	1649 US HIGHWAY 2 NW	HAVRE		222	$8,718.25
☐	Havre Radio Equipment	Mount Royal	HAVRE		-00	$0.00
☐	Havre RWIS Site Sunburst	Interstate 15 MM 389	HAVRE		1,512	$21,803.15
☐	HAVRE SAND HOUSE	1649 US HIGHWAY 2 NW	HAVRE		2,400	$215,940.63
☐	HAVRE SHOP STORAGE	1649 US HIGHWAY 2 NW	HAVRE		222	$8,718.25
☐	HAVRE SIGN SHED	1649 US HIGHWAY 2 NW	HAVRE	2017	100	$3,928.05
☐	HAVRE STORAGE	1649 US HIGHWAY 2	HAVRE		222	$8,718.25
☐	HAVRE STORAGE SHED	1649 US HIGHWAY 2 NW	HAVRE		222	$8,718.25
☐	HAVRE STORAGE SHED	1649 US HIGHWAY 2 NW	HAVRE		4,250	$166,903.43
☐	HAVRE TIRE SHED	1649 US HIGHWAY 2 NW	HAVRE		555	$21,796.70
☐	HAVRE TOOL STORAGE	1649 US HIGHWAY 2 NW	HAVRE	2018	555	$21,796.70
☐	HAVRE WEIGH STATION	29832 WILD HORSE ROAD	HAVRE		222	$29,991.43
☐	HAVRE WEIGH STATION	JUNCTION MT HIGHWAY 2 AN	HAVRE		400	$38,041.03

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☐	HAVRE WELDING AND CARPENTER SHOP	1649 US HIGHWAY 2 NW	HAVRE	2002	1,000	$48,592.15
☐	HAVRE WELDING SHOP	1649 US HIGHWAY 2 NW	HAVRE		1,000	$39,270.83
☐	WILD HORSE WEIGH STATION	NA	HAVRE		-00	$9,858.83
☐	Lewistown RWIS site Hays	MT66 milepost 10.5	HAYS		-00	$0.00
☐	HELENA ENVIRONMENTAL	1024 HELENA	HEART BUTTE	1990	200	$7,507.80
☐	Butte Radio Equipment	Mac Donald Pass	HELENA	2005	300	$0.00
☐	Butte RWIS site MacDonald Pass	US12 milepost 27.9	HELENA		-00	$0.00
☐	Great Falls RWIs site Sieben	I-15 milepost 216	HELENA		-00	$0.00
☐	HELENA AERONAUTICS COLD STORAGE	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA AERONAUTICS COLD STORAGE	2630 Airport Road	HELENA		1,260	$77,627.90
☐	HELENA AERONAUTICS GARGAGE	2104 HELENA	HELENA	1990	5,000	$200,663.80
☐	HELENA AERONAUTICS MAIN BUILDING	2630 Airport Rd	HELENA	1958	6,397	$1,184,021.13
☐	HELENA AERONAUTICS SHOP	2630 Airport Rd	HELENA	1958	2,187	$159,913.78
☐	HELENA AERONAUTICS STORAGE	2104 HELENA	HELENA	1990	10	$365.50
☐	HELENA BRIDGE STORAGE	1024 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA BRIDGE STORAGE	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA CHEMISTRY	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA CIVIL RIGHTS	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA CIVIL RIGHTS	1024 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA CIVIL RIGHTS STORAGE	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA CORE DRILL BUILDING	275 18TH STREET	HELENA	1960	18,939	$1,884,519.08
☐	HELENA CORE DRILL SHIPPING CONTAINER	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA CORE DRILL STORAGE	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA CORE DRILL TENT	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA CORE DRILL TENT	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA ENVIRONMENTAL	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA ENVIRONMENTAL RESOURCE	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA ENVIRONMENTAL STORAGE	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA EQUIPMENT SHOP	2104 HELENA	HELENA	1990	15,000	$601,989.25

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☐	HELENA EQUIPMENT STORAGE	324 18TH STREET	HELENA	1990	3,333	$130,892.00
☐	HELENA FURNITURE TENT	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA FURNITURE TENT	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA GREAT FALLS CONSTRUCTION	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA GREAT FALLS CONSTRUCTION STORAGE	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA GREAT FALLS STORAGE	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA HEADQUARTERS OFFICE	2104 HELENA	HELENA	1990	100,000	$9,090,265.58
☐	Helena Headquarters Office Complex	2701 Prospect Avenue	HELENA	1978	186,236	$36,611,816.80
☐	Helena Headquarters Shop Complex	2701 Prospect Avenue	HELENA	1981	28,470	$3,923,483.40
☐	Helena Headquarters Sign and Maintenance Shop	2701 Prospect	HELENA	1985	3,600	$174,932.60
☐	HELENA HEADQUARTERS STORAGE LAWN MAINTENANCE STORAGE	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA HQ OFFICE	1024 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA HQ SHIPPING CONTAINER	1024 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA HROS	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA LAB STORAGE	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA LAWN MAINTENANCE STORAGE	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA LOADER SHED	2701 PROSPECT	HELENA	2015	222	$26,991.10
☐	HELENA LOADER SHED	2701 PROSPECT	HELENA	2010	560	$26,991.10
☐	HELENA MAINTENANCE STORAGE	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA MAINTENANCE STORAGE TENT	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA MCS	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA MDT HANGER	2104 HELENA	HELENA	1990	1,000	$37,537.93
☐	HELENA MOTOR POOL	2701 PROSPECT	HELENA	1990	1,000	$117,672.73
☐	HELENA NON DESTRUCTIVE TESTING	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA PLANNING SHIPPING CONTAINER	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA PLANNING SHIPPING CONTAINER	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA RESTROOM VAULT	INTERSTATE 15 MP 209	HELENA		1,000	$85,417.35
☐	HELENA SECTION HOUSE	324 18TH STREET	HELENA	2011	16,000	$1,490,436.98
☐	HELENA SHED	2104 HELENA	HELENA	1990	200	$7,507.80

☐	HELENA SHED	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA SHIPPING CONTAINER	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA SHIPPING CONTAINER	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA SHIPPING CONTAINER	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA SIGN SHOP STORAGE	2104 HELENA	HELENA	1990	-00	$7,507.80
☐	HELENA STORAGE	324 18TH STREET	HELENA		222	$8,718.25
☐	HELENA SURVEY	2104 HELENA	HELENA	1990	200	$7,507.80
☐	HELENA TEBA	2104 HELENA	HELENA	1990	200	$7,507.80
☐	LINCOLN PIT SECTION HOUSE	7410 NORTH MONTANA AVEN	HELENA		2,222	$93,294.95
☐	LYONS CREEK REST AREA NORTH	INTERSTATE 15 MP 221	HELENA	2011	-00	$8,854.78
☐	LYONS CREEK REST AREA SOUTH	INTERSTATE 15 MP 221	HELENA		-00	$8,854.78
☐	MACDONALD PASS CHURCH CAMP	MT HIGHWAY 12 MP 16.8	HELENA		-00	$4,069.95
☐	MACDONALD PASS EQUIPMENT SHOP 3 BAY	6980 US HIGHWAY 12 WEST	HELENA		2,052	$145,631.33
☐	MACDONALD PASS SECTION HOUSE	6980 US HIGHWAY 12 WEST	HELENA		1,500	$75,701.50
☐	RIMINI EQUIPMENT STORAGE	6980 US HIGHWAY 12 WEST	HELENA		-00	$239,932.48
☐	RIMINI SAND HOUSE	6980 US HIGHWAY 12 WEST	HELENA		-00	$431,878.03
☐	YORK LOADER SHED	YORK ROAD MP 16	HELENA		222	$8,718.25
☐	Great Falls RWIS site Helmville	MT200 milepost 53.3	HELMVILLE		-00	$0.00
☐	HOT SPRINGS SALT SHED	1626 MT HIGHWAY 28	HOT SPRINGS		100	$494,860.13
☐	HOT SPRINGS SECTION HOUSE	1626 MT HIGHWAY 28	HOT SPRINGS	1971	-00	$4,069.95
☐	HOT SPRINGS SIGN SHED	1626 MT HIGHWAY 28	HOT SPRINGS	1966	2,752	$108,075.13
☐	MAGPIE CREEK LOADER SHED	MT HIGHWAY 200 MP 101	HOT SPRINGS		-00	$4,069.95
☐	Billings Radio Equipment	Hysham	HYSHAM		300	$2,999.25
☐	HYSHAM EQUIPMENT SHED	321 SPURLING STREET	HYSHAM		-00	$4,069.95
☐	HYSHAM EQUIPMENT STORAGE	321 SPRURLING STREET	HYSHAM	1966	2,752	$247,610.13
☐	HYSHAM REST AREA EAST	INTERSTATE 94 MP 64.7	HYSHAM	2000	1,200	$603,249.15
☐	HYSHAM REST AREA STORAGE	INTERSTATE 94 MP 63.1	HYSHAM		222	$8,718.25
☐	HYSHAM REST AREA WEST	INTERSTATE 94 MP 64.8	HYSHAM		1,200	$603,249.15
☐	HYSHAM SECTION HOUSE	321 SPURLING STREET	HYSHAM	1965	2,222	$93,294.95

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☐	INGOMAR SECTION HOUSE	US HIGHWAY 12 MP 229.8	INGOMAR	2004	-00	$149,719.55
☐	Miles City RWIS site Ingomar	US 12 milepost 230	INGOMAR		-00	$0.00
☐	Havre RWIS site Inverness	US2 milepost 337.6	INVERNESS		-00	$0.00
☐	FIDDLEBACK REST AREA VAULT EAST	MT HIGHWAY 12 MP 43.6	ISMAY	2011	-00	$8,854.78
☐	FIDDLEBACK REST AREA VAULT WEST	MT HIGHWAY 12 MP 43.6	ISMAY	1999	-00	$8,854.78
☐	FIDDLEBACK SECTION HOUSE	10241 MT HIGHWAY 12	ISMAY		-00	$8,854.78
☐	FIDDLEBACK SIGN SHOP	10241 MT HIGHWAY 12	ISMAY	1969	-00	$9,858.83
☐	Butte Radio Equipment	Jackson	JACKSON		300	$24,744.35
☐	Butte RWIS site Big Hole pass	S-278 milepost 32	JACKSON		-00	$0.00
☐	JEFFERSON CITY REST AREA NORTH	INTERSTATE 15 MP 177.5	JEFFERSON CITY		222	$18,968.38
☐	JEFFERSON CITY REST AREA NORTH	INTERSTATE 15 MP 178.2	JEFFERSON CITY		222	$18,963.00
☐	JEFFERSON CITY REST AREA SOUTH	INTERSTATE 15 SOUTH	JEFFERSON CITY			$301,624.58
☐	R/W Billings District	4403 Highway 310	JOLIET	2007	1,200	$0.00
☐	R/W Billings District	4403 Highway 310	JOLIET	2001	2,108	$0.00
☐	R/W Property Rockvale Garage	4403 Hwy 310	JOLIET	2007	1,200	$55,877.43
☐	R/W Property Rockvale House	4403 Hwy 310	JOLIET	2001	2,108	$95,350.35
☐	ROCKVALE HOUSE RENTAL	4403 US HIGHWAY 310	JOLIET	2001	1,111	$45,312.33
☐	FLOWING WELLS EQUIPMENT STORAGE	11 US HIGHWAY 24	JORDAN	2005	-00	$301,624.58
☐	FLOWING WELLS REST AREA	MT HIGHWAY 200 MP 248	JORDAN	1999	1,500	$67,179.98
☐	FLOWING WELLS REST AREA PINIC ARBOR EAST	MT HIGHWAY 200 MP 249.57	JORDAN	2010	-00	$177,789.95
☐	FLOWING WELLS REST AREA PINIC ARBOR WEST	MT HIGHWAY 200 MP 248	JORDAN		-00	$9,858.83
☐	FLOWING WELLS REST AREA STORAGE SHED	MT HIGHWAY 200 MP 248	JORDAN		-00	$14,996.25
☐	FLOWING WELLS REST AREA STORAGE SHED	MT HIGHWAY 200 MP 248	JORDAN		-00	$34,606.40
☐	FLOWING WELLS SAND HOUSE	11 US HIGHWAY 24	JORDAN	2005	-00	$4,069.95
☐	FLOWING WELLS SECTION HOUSE	11 US HIGHWAY 24	JORDAN	1972	-00	$26,991.10
☐	FLOWING WELLS TRAILER SITE	52 MONTANA HIGHWAY 5 EAS	JORDAN	2015	-00	$215,940.63
☐	FLOWING WELLS TRAILER SITE	52 MONTANA HIGHWAY 5 EAS	JORDAN		-00	$9,329.93
☐	Glendive Radio Equipment	Jordan	JORDAN		300	$15,159.65
☐	JORDAN COLD STORAGE	8265 HIGHWAY 59 NORTH	JORDAN		900	$36,046.90

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☐	JORDAN GAS SHED	4212 JORDAN	JORDAN	1990	200	$7,507.80
☐	JORDAN GAS SHED	8265 HIGHWAY 59	JORDAN		222	$8,718.25
☐	JORDAN RWIS SITE	4212 JORDAN	JORDAN	2020	1	$0.00
☐	JORDAN SECTION HOUSE	8265 HIGHWAY 59 NORTH	JORDAN	2004	-00	$456,371.90
☐	JORDAN SIGN SHED	4212 JORDAN	JORDAN	1990	200	$7,507.80
☐	JORDAN SIGN SHED	8265 HIGHWAY 59 NORTH	JORDAN		222	$8,718.25
☐	JORDAN TOOL SHED	4212 JORDAN	JORDAN	1990	200	$7,507.80
☐	JORDAN TOOL SHED	8265 HIGHWAY 59 NORTH	JORDAN		222	$8,718.25
☐	Miles City RWIS site Lufborough Hill	MT200 milepost 175.3	JORDAN		-00	$0.00
☐	Lewistown Radio Equipment	Judith Park	JUDITH GAP			$0.00
☐	Lewistown RWIS site Judith Gap	US191 milepost 1806	JUDITH GAP		-00	$0.00
☐	GOAT CREEK LOADER SHED	MT HIGHWAY 83 MP 58.8	KALISPELL		222	$8,718.25
☐	GOAT CREEK SALT STORAGE	MT HIGHWAY 83 MP 58.8	KALISPELL		222	$4,069.95
☐	GOAT CREEK SAND STORAGE	MT HIGHWAY 83 MP 58.8	KALISPELL	1977	222	$4,069.95
☐	JENNIINGS STOCKPILE	211 STATE LANDS OFFICE ROA	KALISPELL		2,400	$94,251.70
☐	JENNINGS EQUIPMENT STORAGE	MT 37 MP 14	KALISPELL		1,440	$107,967.63
☐	JENNINGS EQUIPMENT STORAGE	MT 37 MP 14	KALISPELL		1,800	$134,963.03
☐	JENNINGS GREEN STORAGE	211 STATE LANDS OFFICE ROA	KALISPELL		222	$8,718.25
☐	JENNINGS SAND HOUSE	211 STATE LANDS OFFICE ROA	KALISPELL		2,400	$89,974.28
☐	KALISPEALL ARMORY CONSTRUCTION TRAILER	66718 US HIGHWAY 2	KALISPELL		100	$4,069.95
☐	KALISPELL ARMORY CONSTRUCTION STORAGE	2905 MT HIGHWAY 93 NORTH	KALISPELL		-00	$4,069.95
☐	KALISPELL ARMORY CONSTRUCTION STORAGE	2905 MT HIGHWAY 93 NORTH	KALISPELL		-00	$4,069.95
☐	KALISPELL ARMORY CONSTRUCTION STORAGE	2905 MT HIGHWAY 93 NORTH	KALISPELL	2002	100	$4,353.75
☐	KALISPELL ARMORY CONSTRUCTION STORAGE	2905 MT HIGHWAY 93 NORTH	KALISPELL		100	$3,928.05
☐	KALISPELL ARMORY CONSTRUCTION STORAGE	66718 US HIGHWAY 2	KALISPELL		100	$4,069.95
☐	KALISPELL ARMORY PIT LOADER SHED	2905 MT HIGHWAY 93 NORTH	KALISPELL	2004	448	$23,273.75
☐	KALISPELL ARMORY PIT OFFICE	ARMORY PIT	KALISPELL		900	$105,905.78
☐	KALISPELL ARMORY PIT SLICER SHED	2905 MT HIGHWAY 93 NORTH	KALISPELL		100	$4,069.95
☐	KALISPELL ARMORY SALT STORAGE	2905 MT HIGHWAY 93 NORTH	KALISPELL		900	$35,344.93

☐	KALISPELL CARPENTER STORAGE	85 5TH AVENUE EN	KALISPELL		222	$8,718.25
☐	KALISPELL COLD STORAGE	85 5TH AVENUE EN	KALISPELL		222	$8,718.25
☐	KALISPELL COMMUNICATION	85 5TH AVENUE EN	KALISPELL		100	$9,858.83
☐	KALISPELL DISTRICT OFFICE	85 5TH AVENUE EN	KALISPELL	1998	17,868	$2,309,770.80
☐	KALISPELL EQUIPMENT SHOP	85 5TH AVENUE EN	KALISPELL	2013	100	$4,353.75
☐	KALISPELL EQUIPMENT SHOP 3 BAY	85 5TH AVENUE EN	KALISPELL	2010	1,800	$161,954.13
☐	KALISPELL FILE STORAGE	85 5TH AVENUE EN	KALISPELL	1955	100	$4,069.95
☐	KALISPELL LAB	85 5TH AVENUE EN	KALISPELL		1,500	$216,285.70
☐	KALISPELL LAB STORAGE	85 5TH AVENUE EN	KALISPELL		555	$21,798.85
☐	KALISPELL LOADER SHED	SUMMIT	KALISPELL		560	$26,991.10
☐	KALISPELL LOADER SHED	WOODS BAY	KALISPELL		560	$26,991.10
☐	KALISPELL MAINTENANCE ARMORY STORAGE	2905 MT HIGHWAY 93 NORTH	KALISPELL		100	$3,928.05
☐	KALISPELL MAINTENANCE SHOP	85 5TH AVENUE EN	KALISPELL		-00	$4,353.75
☐	KALISPELL PAINT SHED	85 5TH AVENUE EN	KALISPELL		1,600	$119,967.85
☐	KALISPELL PARTS STORAGE	85 5TH AVENUE EN	KALISPELL		100	$4,069.95
☐	Kalispell RWIS site Falthead River	MT35 milepost 49	KALISPELL		-00	$0.00
☐	KALISPELL SAND HOUSE	85 5TH AVENUE EN	KALISPELL		2,400	$89,974.28
☐	KALISPELL SECTION HOUSE 8 BAY	85 5TH AVENUE EN	KALISPELL	2013	5,280	$475,067.23
☐	KALISPELL SIGN AND RADIO STORAGE	85 5TH AVENUE EN	KALISPELL		2,304	$172,750.35
☐	KALISPELL SIGNAL STORAGE	85 5TH AVENUE EN	KALISPELL		-00	$88,821.88
☐	KALISPELL STEAM ROOM	85 5TH AVENUE EN	KALISPELL		-00	$89,974.28
☐	KALISPELL STORAGE	85 5TH AVENUE EN	KALISPELL		222	$8,718.25
☐	KALISPELL STORAGE	85 5TH AVENUE EN	KALISPELL		222	$8,718.25
☐	KALISPELL STORAGE	85 5TH AVENUE EN	KALISPELL		768	$14,996.25
☐	KALISPELL STORAGE POLE COVER	85 5TH AVENUE EN	KALISPELL		222	$211,374.03
☐	KALISPELL STORAGE SHED	85 5TH AVENUE EN	KALISPELL		222	$8,718.25
☐	KALISPELL TIRE AND LUBE	85 5TH AVENUE EN	KALISPELL		960	$49,872.48
☐	KALISPELL TRUCK WASH	85 5TH AVENUE EN	KALISPELL		1,292	$56,737.43
☐	KALISPELL WEIGH STATION	MT HIGHWAY 2 MP 115	KALISPELL	1978	200	$29,991.43

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☐	R/W KALISPELL BYPASS	249 THREE MILE DRIVE	KALISPELL	1951	6,396	$260,870.25
☐	R/W Property - Missoula District - MT-NH-NCPD 15 (766), 2038	680 Two Mile Drive	KALISPELL		904	$13,341.83
☐	R/W Property - Missoula District - MT-NH-NCPD 15 (766), 2038	680 Two Mile Drive	KALISPELL		1,280	$92,833.78
☐	R/W Property - Missoula District - MT-NH-NCPD 15 (766), 2038	680 Two Mile Drive	KALISPELL		2,901	$131,218.80
☐	R/W Property - Missoula District-MT-NH-NCPD 15(76)	249 Three Mile Drive	KALISPELL	1963	968	$47,077.48
☐	R/W Property - Missoula District-MT-NH-NCPD 15(76)	249 Three Mile Drive	KALISPELL	1951	5,428	$140,125.18
☐	R/W Property Kalispell Bypass	672 Two Mile Drive	KALISPELL	1952	4,088	$147,784.55
☐	REXFORD COLD STORAGE	120 MADDEN LAKE ROAD	KALISPELL		-00	$120,927.83
☐	REXFORD SAND HOUSE	120 MADDEN LAKE ROAD	KALISPELL		2,400	$89,974.28
☐	LAKESIDE EQUIPMENT STORAGE	820 6TH AVENUE EAST	LAKESIDE	2002	-00	$4,353.75
☐	Miles City RWIS site Lame Deer Divide	US 212 milepost 50.1	LAME DEER		-00	$0.00
☐	BILLINGS FRONTAGE ROAD WEIGH STATION	6727 LAUIREL AIRPORT ROAD	LAUREL	2001	222	$21,113.00
☐	BILLINGS INSPECTION BARN	INTERSTATE 90 MP 439	LAUREL		6,600	$1,138,177.75
☐	BILLINGS WEIGH STATION EAST	INTERSTATE 90 MP 439	LAUREL		800	$29,991.43
☐	BILLINGS WEIGH STATION WEST	INTERSTASTE 90 MP 439	LAUREL		200	$29,991.43
☐	LAUREL CABLE SHED	6727 LAUREL AIRPORT ROAD	LAUREL		64	$2,512.28
☐	LAUREL DEICER TANK	6727 LAUREL AIRPORT ROAD	LAUREL		222	$8,718.25
☐	LAUREL EQUIPMENT STORAGE	6727 LAUREL AIRPORT ROAD	LAUREL	2001	360	$432,580.00
☐	LAUREL LOADER SHED	MT HIGHWAY 310 MP 49.5	LAUREL		-00	$4,069.95
☐	LAUREL SALT SHED	6727 LAUREL AIRPORT ROAD	LAUREL		1,200	$47,125.85
☐	LAUREL SECTION HOUSE	6727 LAUREL AIRPORT ROAD	LAUREL	2001	-00	$4,353.75
☐	LAUREL TIRE SHED	6727 LAUREL AIRPORT ROAD	LAUREL		48	$1,884.48
☐	LAVINA WEIGH STATION	MT HIGHWAY 12 AND MT HIG	LAVINA		200	$29,991.43
☐	LEWISTOWN CARPENTER BUILDING	50 AIRPORT ROAD	LEWISTOWN		2,560	$230,333.80
☐	LEWISTOWN DIVISION OFFICE	50 AIRPORT ROAD	LEWISTOWN	1977	18,512	$1,877,714.33
☐	LEWISTOWN EQUIPMENT SHOP	50 AIRPORT ROAD	LEWISTOWN		-00	$603,925.33
☐	LEWISTOWN OIL SHED	50 AIRPORT ROAD	LEWISTOWN		2,400	$35,991.00
☐	LEWISTOWN OPEN FACE SHED	50 AIRPORT ROAD	LEWISTOWN	1990	600	$29,154.00
☐	Lewistown Radio Equipment	Garneill	LEWISTOWN	2008	300	$13,648.20

☐	Lewistown RWIS site Lewistown Divide	MT200 milepost 90.3	LEWISTOWN		-00	$0.00
☐	LEWISTOWN SAND HOUSE	50 AIRPORT ROAD	LEWISTOWN		-00	$89,974.28
☐	LEWISTOWN SAND HOUSE	50 AIRPORT ROAD	LEWISTOWN	1963	-00	$33,738.88
☐	LEWISTOWN SECTION HOUSE	50 AIRPORT ROAD	LEWISTOWN	1977	1,600	$83,123.30
☐	LEWISTOWN STEAM CLEANING BUILDING	50 AIRPORT ROAD	LEWISTOWN	2017	-00	$186,593.13
☐	LEWISTOWN TOOL SHED	50 AIRPORT ROAD	LEWISTOWN		-00	$4,069.95
☐	MOBRIDE LOADER SHED	MT HIGHWAY 191 MP 86.8	LEWISTOWN		336	$7,385.25
☐	MOBRIDGE LIVING QUARTERS	86689 US HIGHWAY 191	LEWISTOWN		-00	$89,974.28
☐	MOBRIDGE SAND HOUSE	MT HIGHWAY 191 MP 86.8	LEWISTOWN	2003	2,400	$236,451.63
☐	MOBRIDGE SECTION HOUSE	86689 US HIGHWAY 191	LEWISTOWN		1,760	$17,453.70
☐	CRYSTAL CREEK EQUIPMENT SHOP	66718 US HIGHWAY 2	LIBBY		-00	$181,386.90
☐	CRYSTAL CREEK EQUIPMENT SHOP 2 BAY	33748 HIGHWAY 2 S	LIBBY	2002	2,016	$4,069.95
☐	CRYSTAL CREEK EQUIPMENT STORAGE	33748 HIGHWAY 2 S	LIBBY		1,536	$4,353.75
☐	CRYSTAL CREEK PRIVATE RESIDENCE	66718 US HIGHWAY 2	LIBBY	2008	-00	$4,227.98
☐	CRYSTAL CREEK PRIVATE STORAGE	66718 US HIGHWAY 2	LIBBY	2010	100	$57,676.98
☐	CRYSTAL CREEK PRIVATE STORAGE BUILDING	66718 US HIGHWAY 2	LIBBY	2008	100	$4,069.95
☐	CRYSTAL CREEK PRIVATE WOOD SHED	66718 US HIGHWAY 2	LIBBY		100	$4,069.95
☐	CRYSTAL CREEK SALT TENT	66718 US HIGHWAY 2	LIBBY		100	$57,676.98
☐	CRYSTAL CREEK SANDER RACK	66718 US HIGHWAY 2	LIBBY		-00	$138,197.70
☐	CRYSTAL CREEK SANDER RACK	66718 US HIGHWAY 2	LIBBY		-00	$57,583.45
☐	CRYSTAL CREEK SECTION HOUSE	66718 US HIGHWAY 2	LIBBY	2002	-00	$31,099.75
☐	CRYSTAL CREEK SECTION HOUSE TRAILER	66718 US HIGHWAY 2	LIBBY		-00	$121,283.65
☐	Kalispell RWIS site Crystal Creek	US2 milepost 53.1	LIBBY		-00	$0.00
☐	LIBBY BRINE SHED	US HIGHWAY 2 MP 35	LIBBY		560	$24,388.53
☐	LIBBY BRINE TENT	US HIGHWAY 2 MP 35.2	LIBBY	2011	222	$8,718.25
☐	LIBBY EQUIPMENT SHOP	35838 US HIGHWAY 2	LIBBY		-00	$23,273.75
☐	LIBBY EQUIPMENT SHOP 6 BAY	3098 HIGHWAY 2 SOUTH	LIBBY		4,520	$220,796.40
☐	LIBBY EQUIPMENT STORAGE	US 2 MP 35.2	LIBBY		1,600	$83,123.30
☐	LIBBY LOADER SHED	US 2 MP 35.2	LIBBY		960	$57,583.45

☐	LIBBY MECHANICS EQUIPMENT SHOP	35838 US HIGHWAY 2	LIBBY	2015	-00	$57,676.98
☐	LIBBY QUONSET	US HIGHWAY 2 MP 35.2	LIBBY		555	$21,796.70
☐	LIBBY SAND STORAGE	35838 US HIGHWAY 2	LIBBY		4,000	$8,854.78
☐	LIBBY SIGN SHOP	US HIGHWAY 2 MP 35.2	LIBBY		100	$4,069.95
☐	THOMPSON RIVER LOADER SHED	US HIGHWAY 2 MP 35.2	LIBBY		222	$8,718.25
☐	THOMPSON RIVER SALT SHED	US HIGHWAY 2 MP 35.2	LIBBY		222	$8,718.25
☐	Butte RWIS site Monida Pass	I-15 milepost 0.3	LIMA		-00	$0.00
☐	LIMA FENCING STORAGE	200 REEDER ROAD	LIMA		-00	$684,902.93
☐	LIMA QUONSET BUILDING	200 REEDER ROAD	LIMA		-00	$89,974.28
☐	LIMA REST AREA	24 WEST BAILEY	LIMA	1962	1,200	$944,902.43
☐	LIMA SECTION HOUSE	200 REEDER ROAD	LIMA		-00	$4,069.95
☐	LIMA TIRE STORAGE	200 REEDER ROAD	LIMA		-00	$4,069.95
☐	LIMA TRUCK PARKING	INTERSTATE 15 MP 15	LIMA		-00	$4,069.95
☐	LIMA VAULT NORTH	INTERSTATE 15 MP 33.84	LIMA	1970	-00	$215,940.63
☐	LIMA VAULT SOUTH	INTERSTATE 15 MP 33.82	LIMA		-00	$4,069.95
☐	LIMA WEIGH STATION	INTERSTATE 15 MP 16	LIMA		200	$29,991.43
☐	ALICE CREEK LOADER SHED	MT HIGHWAY 200 MP 82.9	LINCOLN	2005	800	$11,881.98
☐	Great Falls RWIS site Rogers Pass	MT200 milepost 90.8	LINCOLN		-00	$0.00
☐	LIBBY SECTION HOUSE	35838 US HIGHWAY 2	LINCOLN	1970	-00	$1,747,991.93
☐	LINCOLN LOADER SHED	MT HIGHWAY 141 NORTH MP	LINCOLN	1993	-00	$64,884.85
☐	LINCOLN SECTION HOUSE	4546 WEST MT HIGHWAY 200	LINCOLN	2018	-00	$449,870.30
☐	ROGERS PASS GAS SHED	5380 US HIGHWAY 200	LINCOLN		-00	$4,069.95
☐	ROGERS PASS GENERATOR SHED	5380 US HIGHWAY 200	LINCOLN		100	$9,858.83
☐	ROGERS PASS LOADER SHED	MT HIGHWAY 200 MP 82.9	LINCOLN		770	$8,854.78
☐	ROGERS PASS SAND HOUSE	5380 US HIGHWAY 200	LINCOLN		2,400	$4,069.95
☐	ROGERS PASS TOOL SHED	5380 US HIGHWAY 200	LINCOLN		222	$4,069.95
☐	Glendive Radio Equipment	Lindsay Divide	LINDSAY		300	$2,999.25
☐	Wolf Point RWIS site Lindsay Divide	WB MT 200 South	LINDSAY		-00	$0.00
☐	Bozeman RWIS site East Livingston	I-90 milepost 337.7	LIVINGSTON		-00	$0.00

☐	Bozeman RWIS site Livingston	I-90 milepost 331.7	LIVINGSTON		-00	$0.00
☐	CARBELLA EQUIPMENT SHOP 2 BAY OLD	1682 MT HIGHWAY 89 SOUTH	LIVINGSTON	2005	-00	$194,344.95
☐	LIVINGSTON BAILEY BRIDGE STORAGE	26 WEST END ROAD	LIVINGSTON		-00	$4,069.95
☐	LIVINGSTON EQUIPMENT SHOP 6 BAY	26 WEST END ROAD	LIVINGSTON	1960	4,400	$228,586.93
☐	LIVINGSTON EQUIPMENT STORAGE 2 BAY	2202 LIVINGSTON	LIVINGSTON	1990	1,000	$37,537.93
☐	LIVINGSTON EQUIPMENT STORAGE 2 BAY STORAGE	26 WEST END ROAD	LIVINGSTON		2,304	$207,303.00
☐	LIVINGSTON HOPPER EQUIPMENT STORAGE	WEST END ROAD MP 5	LIVINGSTON	2018	-00	$46,757.13
☐	LIVINGSTON LOADER SHED	26 WEST END ROAD	LIVINGSTON	1978	448	$207,303.00
☐	Billings Radio Equipment	Lodge Grass	LODGE GRASS			$0.00
☐	LODGE GRASS EQUIPMENT STORAGE	276 OWL CREEK ROAD	LODGE GRASS	1963	3,200	$287,919.40
☐	LODGE GRASS OFFICE	276 OWL CREEK ROAD	LODGE GRASS		576	$54,778.78
☐	LODGE GRASS SAND HOUSE	INTERSTATE 90 MP 549.8	LODGE GRASS		2,222	$87,262.05
☐	LODGE GRASS SAND HOUSE	276 OWL CREEK ROAD	LODGE GRASS	1980	3,200	$155,493.38
☐	LODGE GRASS SECTION HOUSE	276 OWL CREEK ROAD	LODGE GRASS		3,360	$4,353.75
☐	LODGE GRASS SIGN SHED	276 OWL CREEK ROAD	LODGE GRASS		140	$4,069.95
☐	LODGE GRASS STORAGE	276 OWL CREEK ROAD	LODGE GRASS		160	$9,415.93
☐	LOLO HOT SPRINGS EQUIPMENT STORAGE	37048 HIGHWAY 12	LOLO		3,024	$272,083.58
☐	LOLO LOADER SHED SOUTH	16810 OLD MT HIGHWAY 93	LOLO		428	$20,859.30
☐	LOLO LOADER SHED SOUTH	16810 OLD MT HIGHWAY 93	LOLO	2011	448	$19,016.75
☐	LOLO PASS EQUIPMENT SHOP	37048 US HIGHWAY 12	LOLO		3,024	$126,967.18
☐	LOLO PASS FUEL VAULT	37048 US HIGHWAY 12	LOLO		222	$8,718.25
☐	LOLO PASS FUEL VAULT	37048 US HIGHWAY 12	LOLO		222	$8,718.25
☐	LOLO PASS GARAGE	37048 US HIGHWAY 12	LOLO		352	$13,823.43
☐	LOLO PASS SAND PILE	37048 US HIGHWAY 12	LOLO	2007	222	$8,718.25
☐	LOLO PASS SAND TENT	37048 US HIGHWAY 12	LOLO		4,000	$157,086.53
☐	LOLO PASS SECTION HOUSE	37048 US HIGHWAY 12	LOLO		992	$41,649.80
☐	LOLO PASS STORAGE SHED	37048 US HIGHWAY 12	LOLO		222	$8,718.25
☐	LOLO PASS STORAGE SHED RESIDENTIAL	37048 US HIGHWAY 12	LOLO	2005	111	$4,360.20
☐	LOLO PASS TOOL SHED	37048 US HIGHWAY 12	LOLO		222	$8,718.25

☐	LOLO SECTION HOUSE	16810 OLD MT HIGHWAY 93	LOLO	1997	3,600	$50,062.75
☐	LOLO SOUTH LOADER SHED	330 AIRPORT ROAD	LOLO	2013	222	$8,718.25
☐	LOLO SOUTH SIGN SHED	16810 OLD MT HIGHWAY 93	LOLO		222	$57,676.98
☐	LOLO SOUTH STOCKPILE	16810 OLD MT HIGHWAY 93	LOLO		222	$8,718.25
☐	LOLO STOCKPILE TENT	16810 OLD MT HIGHWAY 93	LOLO		222	$8,718.25
☐	LOLO WEIGH STATION	MT 12 MM 0	LOLO		200	$9,858.83
☐	LOOKOUT PASS COLD STORAGE	70 DEBORGIA HAUGEN FRONT	LOLO	2007	222	$9,322.40
☐	LOOKOUT PASS LOADER SHED	70 DEBORGIA HAUGEN FRONT	LOLO		222	$9,322.40
☐	LOOKOUT PASS LOADER SHED	INTERSTATE 15 MP 5.8	LOLO		222	$9,322.40
☐	LOOKOUT PASS REST AREA EAST	INTERSTATE 90 MP 4.62	LOLO	2006	222	$18,963.00
☐	LOOKOUT PASS REST AREA WEST	INTERSTATE 90 MP 4.75	LOLO		222	$19,487.60
☐	LOOKOUT PASS SAND TENT	70 DEBORGIA HAUGEN FRONT	LOLO		222	$8,718.25
☐	LOOKOUT PASS SIGN STORAGE	70 DEBORGIA HAUGEN FRONT	LOLO		222	$8,718.25
☐	LOOKOUT PASS STOCKPILE	INTERSTATE 15 MP 5.8	LOLO		222	$8,718.25
☐	LOOKOUT PASS STOCKPILE	DREXEL	LOLO		222	$8,718.25
☐	WILEY GRAVEL PIT STOCKPILE	INTERSTATE 90 MP 15	LOLO		222	$8,718.25
☐	Havre RWIS site Loma	US87 milepost 53.1	LOMA		-00	$0.00
☐	MALTA COLD STORAGE 3 BAY	4207 MALTA	MALTA	1990	200	$7,507.80
☐	MALTA COLD STORAGE 3 BAY	2338 US HIGHWAY 191 SOUTH	MALTA		1,111	$194,344.95
☐	MALTA EQUIPMENT SHOP 5 BAY	MT HIGHWAY 191 MP 155.3	MALTA	1978	3,600	$323,909.33
☐	MALTA EQUIPMENT STORAGE	MT HIGHWAY 191 MP 155.3	MALTA	1972	2,400	$215,940.63
☐	MALTA LAND	2338 US HIGHWAY 191 SOUTH	MALTA	1971	2	$77.40
☐	MALTA OIL SHED	2338 US HIGHWAY 191 SOUTH	MALTA		111	$4,360.20
☐	MALTA OIL SHED	2238 US HIGHWAY 191 SOUTH	MALTA		222	$8,718.25
☐	MALTA RWIS SITE	MT HIGHWAY 191 MP 155.3	MALTA	2020	100	$0.00
☐	MALTA SECTION HOUSE	2238 US HIGHWAY 191 SOUTH	MALTA	2003	2,222	$93,294.95
☐	MALTA SHIGH SHED	4207 MALTA	MALTA	1990	200	$7,507.80
☐	MALTA SIGN SHED	2238 US HIGHWAY 191 SOUTH	MALTA		222	$8,718.25
☐	MALTA TENT BUILDING	2238 US HIGHWAY 191 SOUTH	MALTA	2002	2,400	$71,980.93

☐	MALTA TIRE SHED	4207 MALTA	MALTA	1990	200	$7,507.80
☐	MALTA TIRE SHED	2238 US HIGHWAY 191 SOUTH	MALTA		222	$8,718.25
☐	MALTA TN TOOL SHED	4207 MALTA	MALTA	1990	200	$7,507.80
☐	MALTA TOOL SHED	2238 US HIGHWAY 191 SOUTH	MALTA		222	$8,718.25
☐	MALTA USED OIL SHED	4207 MALTA	MALTA	1990	200	$7,507.80
☐	Wolf Point RWIS site Malta South	US191 milepost 122.5	MALTA		-00	$0.00
☐	MANHATTAN LOADER SHED	340 MANHATTAN FRONTAGE R	MANHATTAN	1960	-00	$4,069.95
☐	MARION COLD STORAGE	8005 US HIGHWAY 2 WEST	MARION		222	$22,435.25
☐	MARION EQUIPMENT SHOP	8005 US HIGHWAY 2 WEST	MARION		2,222	$93,292.80
☐	MARION GARGAGE	8005 US HIGHWAY 2 WEST	MARION		768	$37,320.78
☐	MARION LOADER SHED	8005 US HIGHWAY 2 WEST	MARION		222	$8,718.25
☐	MARION SAND HOUSE	8005 US HIGHWAY 2 WEST	MARION		222	$89,974.28
☐	MARION SECTION HOUSE	8005 US HIGHWAY 2 WEST	MARION		2,222	$93,294.95
☐	MARION SIGN SHED	8005 US HIGHWAY 2 WEST	MARION		222	$8,718.25
☐	MARION STORAGE SHED	8005 US HIGHWAY 2 WEST	MARION		222	$8,718.25
☐	MELSTONE EQUIPMENT SHOP	102 SOUTH MAIN	MELSTONE	2004	2,222	$481,364.58
☐	BLUE ROCK SECTION HOUSE	217 NORTH 47TH STREET	MILES CITY		-00	$359,897.10
☐	FIDDLEBACK EQUIPMENT STORAGE	10241 MT HIGHWAY 12	MILES CITY	1937	3,200	$287,919.40
☐	FIDDLEBACK REST AREA MAINTENANCE SHED	MT HIGHWAY 12 MP 43.6	MILES CITY	1975	-00	$120,927.83
☐	HILLSIDE EQUIPMENT SHOP	MT HIGHWAY 59 MP 43.3	MILES CITY	2000	1,020	$91,773.83
☐	HILLSIDE SAND SHED	MT HIGHWAY 59 MP 43.3	MILES CITY	1952	3,200	$155,493.38
☐	MILES CITY COLD STORAGE	3RD AND ORR STREET	MILES CITY	1978	-00	$53,985.43
☐	MILES CITY COMMUNICATION BUILDING	3RD AND ORR STREET	MILES CITY		-00	$21,592.45
☐	MILES CITY CROSSROADS A WEIGH STATION	MT HIGHWAY 12 MP 5	MILES CITY	1970	200	$9,858.83
☐	MILES CITY EQUIPMENT SHOP 11 BAY	3RD AND ORR STREET	MILES CITY		4,350	$235,029.40
☐	MILES CITY EQUIPMENT SHOP 9 BAY	3RD AND ORR STREET	MILES CITY		5,040	$453,470.48
☐	MILES CITY EQUIPMENT SHOP OLD	3RD AND ORR STREET	MILES CITY	1995	-00	$4,069.95
☐	MILES CITY GRASS SEED STORAGE	3RD AND ORR STREET	MILES CITY		-00	$21,592.45
☐	MILES CITY GUARDRAIL STORAGE	3RD AND ORR STREETNA	MILES CITY		-00	$4,069.95

☐	MILES CITY LAB	3RD AND ORR STREET	MILES CITY		-00	$46,141.15
☐	MILES CITY LAB STORAGE	3RD AND ORR STREET	MILES CITY		-00	$196,099.35
☐	MILES CITY LEAN TO TRAILER	3RD AND ORR STREET	MILES CITY		-00	$4,069.95
☐	MILES CITY OIL SHED	MT HIGHWAY 2 MP 2.5	MILES CITY		-00	$184,562.45
☐	MILES CITY PUMP HOUSE	3RD AND ORR STREET	MILES CITY		222	$22,969.53
☐	Miles City Radio Equipment	Rock Springs	MILES CITY		-00	$0.00
☐	Miles City Radio Equipment	Gov't Hill	MILES CITY		-00	$0.00
☐	Miles City RWIS site Beaver Hill	Beaver Hill I-90	MILES CITY		-00	$0.00
☐	Miles City RWIS site Biddle Highway	Highway 59 mile post 0.9	MILES CITY		-00	$0.00
☐	Miles City RWIS site Gov't Hill	US 12 milepost 14.2	MILES CITY		-00	$0.00
☐	Miles City RWIS site Rock Springs	MT 59 mile post 36.5	MILES CITY		-00	$0.00
☐	Miles City RWIS site Sweeney Creek	I-94 milepost 112.6	MILES CITY		-00	$0.00
☐	Miles City RWIS site Sweeney Creek	I-94 mile post 112.6	MILES CITY		-00	$0.00
☐	MILES CITY SAND SHED	INTERSTATE 94 EXIT 159	MILES CITY		222	$8,718.25
☐	MILES CITY SIGN STORAGE	3RD AND ORR STREET	MILES CITY	2002	-00	$4,353.75
☐	MILES CITY STEAM CLEANING BUILDING	3RD AND ORR STREET	MILES CITY	1938	880	$45,718.68
☐	MILES CITY STORAGE FENCED	3RD AND ORR STREET	MILES CITY	2001	-00	$10,152.30
☐	MILES CITY TIRE STORAGE	3RD AND ORR STREET	MILES CITY	2015	240	$7,197.13
☐	BEARMOUTH REST AREA EAST	INTERSTATE 90 MP 150.6	MISSOULA		2,200	$301,624.58
☐	BEARMOUTH REST AREA WEST	INTERSTATE 90 MP 142.66	MISSOULA		-00	$301,624.58
☐	BEARMOUTH STOCKPILE	INTERSTATE 90 MP 439	MISSOULA	2001	-00	$4,069.95
☐	CLEARWATER COMPOST STATION	43730 MT HIGHWAY 200 EAST	MISSOULA	1998	-00	$4,069.95
☐	CLEARWATER SAND HOUSE	43730 MT HIGHWAY 200 EAST	MISSOULA		222	$8,718.25
☐	CLEARWATER SECTION HOUSE	43730 MT HIGHWAY 200 EAST	MISSOULA		-00	$2,204,688.48
☐	CLEARWATER STOCKPILE	43730 MT HIGHWAY 200 EAST	MISSOULA		-00	$2,204,688.48
☐	EVARO BRINE PLANT	8266 US HIGHWAY 10 WEST	MISSOULA		-00	$129,565.45
☐	EVARO BRINE STOCKPILE	8266 US HIGHWAY 10 WEST	MISSOULA		-00	$89,974.28
☐	EVARO COMPOST SITE	8266 US HIGHWAY 10 WEST	MISSOULA		-00	$626,778.75
☐	EVARO EQUIPMENT STORAGE	17185 US HIGHWAY 93 NORTH	MISSOULA		1,000	$4,069.95

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☐	EVARO EQUIPMENT STORAGE	17185 US HIGHWAY 93 NORTH	MISSOULA		1,440	$4,353.75
☐	EVARO EQUIPMENT STORAGE	17185 US HIGHWAY 93 NORTH	MISSOULA	2007	4,640	$26,991.10
☐	EVARO LOADER SHED	8266 US HIGHWAY 10 WEST	MISSOULA	2007	-00	$89,974.28
☐	EVARO MAINTENANCE SHOP	17185 US HIGHWAY 93 NORTH	MISSOULA	2001	-00	$4,069.95
☐	EVARO SAND HOUSE	17185 US HIGHWAY 93 NORTH	MISSOULA		-00	$4,069.95
☐	EVARO SECTION HOUSE	17185 US HIGHWAY 93 NORTH	MISSOULA		-00	$4,069.95
☐	FRENCHTOWN WEIGH STATION EAST	1101 MISSOULA	MISSOULA	1990	200	$18,181.48
☐	JENNINGS EQUIPMENT SHOP	211 STATE LANDS OFFICE ROA	MISSOULA		-00	$4,353.75
☐	MISSOULA COMBINATION BUILDING	2100 WEST BROADWAY STREE	MISSOULA		3,840	$199,492.05
☐	MISSOULA CONOVER LOADER SHED	2100 WEST BROADWAY STREE	MISSOULA		512	$27,662.98
☐	MISSOULA CONSTRUCTION OFFICE	2100 WEST BROADWAY STREE	MISSOULA	1972	1,920	$220,607.20
☐	MISSOULA DISTRICT OFFICE	2100 WEST BROADWAY STREE	MISSOULA		-00	$9,858.83
☐	MISSOULA DISTRICT OFFICE	2100 WEST BROADWAY STREE	MISSOULA		18,177	$1,889,107.18
☐	MISSOULA EQUIPMENT SHOP	2100 WEST BROADWAY STREE	MISSOULA	1968	2,222	$93,294.95
☐	MISSOULA EQUIPMENT SHOP 24 BAY	2100 WEST BROADWAY STREE	MISSOULA		17,000	$713,774.20
☐	MISSOULA HAZMAT STORAGE	2100 WEST BROADWAY STREE	MISSOULA		-00	$23,273.75
☐	MISSOULA LOADER SHED	1072 TAMARACK ROAD	MISSOULA		222	$26,991.10
☐	MISSOULA LOADER SHED	MT HIGHWAY 200 MP 20.4	MISSOULA		222	$26,991.10
☐	MISSOULA LOADER SHED	3550 PEGGY LANE HIGHWAY 2	MISSOULA		222	$8,718.25
☐	MISSOULA LOADER SHED	1072 TAMARACK ROAD	MISSOULA	2011	222	$26,991.10
☐	MISSOULA LOADER SHED	TARKIO	MISSOULA		560	$26,991.10
☐	MISSOULA LOADER SHED	WYE	MISSOULA		560	$26,991.10
☐	MISSOULA LOADER SHED	BEARMOUTH	MISSOULA		560	$26,991.10
☐	MISSOULA LOADER SHED	MAGPIE CREEK	MISSOULA		560	$26,991.10
☐	MISSOULA LOADER SHED	WILEY PIT	MISSOULA		560	$26,991.10
☐	MISSOULA LOADER SHED	DREXEL	MISSOULA		560	$26,991.10
☐	MISSOULA LOADER SHED	PHOSPHATE	MISSOULA		560	$26,991.10
☐	MISSOULA LOADER SHED	MT 200 JMP 20.4	MISSOULA		560	$26,991.10
☐	MISSOULA MAINTENANCE SUPPLY BUILDING	2100 WEST BROADWAY STREE	MISSOULA	1972	-00	$13,121.45

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☐	MISSOULA METAL STORAGE	2100 WEST BROADWAY STREE	MISSOULA	2000	13,230	$793,574.68
☐	MISSOULA OFFICE TRAILER	2100 WEST BROADWAY STREE	MISSOULA		555	$52,782.50
☐	MISSOULA OIL AND GREASE WAREHOUSE	2100 WEST BROADWAY STREE	MISSOULA		600	$17,993.35
☐	MISSOULA OIL STOCKPILE	3550 PEGGY LANE HIGHWAY 2	MISSOULA	1989	-00	$37,320.78
☐	MISSOULA PAINT STRIPER STORAGE	2100 WEST BROADWAY STREE	MISSOULA		-00	$85,200.20
☐	Missoula Radio Equipment	Point 6	MISSOULA		-00	$0.00
☐	Missoula Radio Equipment	Miller Peak	MISSOULA		-00	$0.00
☐	Missoula Radio Equipment	Union Peak	MISSOULA		-00	$0.00
☐	MISSOULA RECORDS SHED	2100 WEST BROADWAY STREE	MISSOULA		270	$169,447.95
☐	MISSOULA RIGHT OF WAY TRAILERS	2100 WEST BROADWAY STREE	MISSOULA		1,440	$48,953.35
☐	MISSOULA RUSTIC HUT	2100 WEST BROADWAY STREE	MISSOULA		416	$190,259.95
☐	MISSOULA SALT STORAGE	2100 WEST BROADWAY STREE	MISSOULA		4,000	$4,069.95
☐	MISSOULA STOCKPILE	2100 WEST BROADWAY STREE	MISSOULA		222	$8,718.25
☐	MISSOULA STOCKPILE	NA	MISSOULA		222	$193,393.58
☐	MISSOULA STOCKPILE	MT HIGHWAY 200 MP 20.4	MISSOULA		222	$8,718.25
☐	MISSOULA STOCKPILE	NA	MISSOULA		222	$8,718.25
☐	MISSOULA STOCKPILE	1072 TAMARACK ROAD	MISSOULA		222	$8,718.25
☐	MISSOULA STOCKPILE	NA	MISSOULA		222	$34,606.40
☐	MISSOULA STOCKPILE	NA	MISSOULA		560	$26,991.10
☐	MISSOULA STORAGE	2100 WEST BROADWAY STREE	MISSOULA		222	$8,718.25
☐	MISSOULA WASH BAY	2100 WEST BROADWAY STREE	MISSOULA	2013	2,400	$94,251.70
☐	MISSOULA WELDING BUILDING	2100 WEST BROADWAY STREE	MISSOULA		1,111	$43,631.03
☐	PHOSPHATE STOCKPILE	INTERSTATE 90 MP 170.4	MISSOULA		222	$8,718.25
☐	PHOSPHATE STORAGE SHED	INTERSTATE 90 MP 170.4	MISSOULA		222	$8,718.25
☐	QUARTZ FLATS REST AREA EAST	NA	MISSOULA		1,200	$301,624.58
☐	QUARTZ FLATS REST AREA WEST	NA	MISSOULA	1980	1,200	$301,624.58
☐	R/W Property - Missoula District - MT 8104 (19), 4128	802 Russell	MISSOULA	1920	288	$13,409.55
☐	R/W Property - Missoula District - MT 8105 (18), 4128	941 Kerns	MISSOULA	1951	2,224	$100,597.43
☐	R/W Property - Missoula District - MT 8105 (19), 4128	802 Russell	MISSOULA	1920	1,246	$56,359.03

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☐	R/W Property - Missoula MT	1010 South Russell	MISSOULA	1958	720	$30,440.78
☐	R/W Property - Russell Street	1000 Russell	MISSOULA	1956	3,288	$148,724.10
☐	R/W Property Missoula District	5125 Eastside	MISSOULA	1964	320	$6,020.00
☐	R/W Property Missoula District	5125 Eastside	MISSOULA	1922	768	$14,448.00
☐	R/W Property Missoula District	5125 Eastside	MISSOULA	2000	780	$14,673.75
☐	R/W Property Missoula District	824 Russell	MISSOULA	1956	1,024	$11,008.00
☐	R/W Property Missoula District	5125 Eastside	MISSOULA	1975	2,166	$40,747.88
☐	R/W Property Russell Street	935 Kerns	MISSOULA	1955	1,697	$73,892.28
☐	R/W RUSSELL STREET	1010 SOUTH RUSSELL	MISSOULA		720	$29,365.78
☐	RAINY LAKE EQUIPMENT STORAGE	US HIGHWAY 83 MP 27.5	MISSOULA		1,280	$95,973.85
☐	RAINY LAKE SAND HOUSE	US HIGHWAY 83 MP 27.5	MISSOULA		2,400	$94,251.70
☐	RAINY LAKE SECTION HOUSE	US HIGHWAY 83 MP 27.5	MISSOULA		2,222	$93,294.95
☐	RAINY LAKE STOCKPILE	US HIGHWAY 83 MP 27.5	MISSOULA		222	$8,718.25
☐	RAINY LAKE STORAGE	US HIGHWAY 83 MP 27.5	MISSOULA		1,152	$62,243.58
☐	ROCK CREEK PARKING AREA EAST	INTERSTATE 90 MP 127.45	MISSOULA		22	$47.30
☐	ROCK CREEK PARKING AREA WEST	INTERSTATE 90 MP 127.56	MISSOULA		22	$863.23
☐	SULA REST AREA	283 LOST TRAIL HOT SPRINGS	MISSOULA		807	$1,468,084.50
☐	WYE STOCKPILE	8266 US HIGHWAY 10 WEST	MISSOULA		222	$4,069.95
☐	Great Falls RWIS site Monarch Canyon	US89 milepost 53.5	MONARCH		-00	$0.00
☐	MONARCH EQUIPMENT SHOP 2 BAY	16 MISSOULA AVENUE	MONARCH	2005	-00	$894,232.30
☐	MONARCH SAND SHED	16 MISSOULA AVENUE	MONARCH	2013	2,400	$104,525.48
☐	MONARCH SECTION HOUSE	16 MISSOULA AVENUE	MONARCH	2013	3,912	$29,154.00
☐	MONARCH STORAGE	16 MISSOULA AVENUE	MONARCH		222	$8,718.25
☐	MOSBY REST AREA	MT HIGHWAY 87 MP 158.5	MOSBY	2000	-00	$8,854.78
☐	NEIHART COLD STORAGE	NA	NEIHART		222	$8,718.25
☐	NEIHART EQUIPMENT SHOP 2 BAY	701 SOUTH MAIN	NEIHART		-00	$108,057.93
☐	NEIHART EQUIPMENT STORAGE	701 SOUTH MAIN	NEIHART		1,008	$52,366.48
☐	NEIHART SAND SHED	701 SOUTH MAIN	NEIHART		2,400	$89,974.28
☐	NEIHART SECTION HOUSE	701 SOUTH MAIN	NEIHART		-00	$4,069.95

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☐	NEIHART SIGN SHED	701 SOUTH MAIN	NEIHART		100	$4,069.95
☐	NEIHART TIRE SHED	701 SOUTH MAIN	NEIHART		100	$3,928.05
☐	Bozeman RWIS site Norris Hill	Us287 milepost 60	NORRIS		-00	$0.00
☐	BULL LAKE PIT LOADER SHED	MT HIGHWAY 56 MP 16	NOXON		-00	$8,854.78
☐	NOXON EQUIPMENT SHOP EAST	1383 MT HIGHWAY 200	NOXON		2,222	$74,810.33
☐	NOXON EQUIPMENT STORAGE	1383 MT HIGHWAY 200	NOXON		222	$4,069.95
☐	NOXON EQUIPMENT STORAGE	1383 MT HIGHWAY 200	NOXON	1955	222	$4,069.95
☐	NOXON EQUIPMENT STORAGE	1383 MT HIGHWAY 200	NOXON		1,440	$93,098.23
☐	NOXON FUEL STORAGE	1383 MT HIGHWAY 200	NOXON		100	$89,974.28
☐	NOXON SALT SHED	30 LITTLE BEAR LANE	NOXON	2017	222	$8,718.25
☐	NOXON SAND HOUSE	1383 MT HIGHWAY 200	NOXON		222	$8,718.25
☐	NOXON SAND SHED	1383 MT HIGHWAY 200	NOXON		6,000	$235,630.33
☐	NOXON SECTION HOUSE NEW	30 LITTLE BEAR LANE	NOXON		2,222	$93,294.95
☐	NOXON SECTION HOUSE OLD	1383 MT HIGHWAY 200	NOXON		2,222	$93,294.95
☐	NOXON STORAGE	1383 MT HIGHWAY 200	NOXON		222	$8,718.25
☐	NOXON STORAGE SHED	1383 MT HIGHWAY 200	NOXON		222	$8,718.25
☐	OLNEY STOCKPILE	8955 US HIGHWAY 93 NORTH	OLNEY		-00	$89,974.28
☐	OLNEY STOCKPILE	8955 US HIGHWAY 93 NORTH	OLNEY		-00	$69,823.40
☐	OPHEIM COLD STORAGE	4208 OPHEIM	OPHEIM	1990	200	$7,507.80
☐	OPHEIM EQUIMENT STORAGE	22 SOUTH MAIN STREET	OPHEIM	1963	-00	$310,951.28
☐	OPHEIM SECTION HOUSE	22 SOUTH MAIN STREET	OPHEIM	2010	-00	$149,719.55
☐	OPHEIM STORAGE SHED	22 SOUTH MAIN STREET	OPHEIM		222	$8,718.25
☐	Wolf Point Radio Equipment	Opeim	OPHEIM		-00	$0.00
☐	Missoula RWIS site Trout Creek	MT200 milepost 30.9	OVANDO		-00	$0.00
☐	Great Falls RWIS site Pendroy	US89 milepost 62.6	PENDROY		-00	$0.00
☐	PHILIPSBURG MAINTENANCE SHOP	3798 MT HIGHWAY 1	PHILIPSBURG	2017	3,333	$130,892.00
☐	PHILIPSBURG MAINTENANCE STORAGE	SKALKAHO	PHILIPSBURG		3,333	$130,892.00
☐	PHILIPSBURG PUMP HOUSE	3798 MT HIGHWAY 1	PHILIPSBURG		36	$3,724.88
☐	PHILIPSBURG SAND TENT	3798 MT HIGHWAY 1	PHILIPSBURG	1963	4,000	$57,676.98

☐	PHILIPSBURG SECTION HOUSE	3798 MT HIGHWAY 1	PHILIPSBURG		2,222	$93,294.95
☐	PHILIPSBURG SHED	NA	PHILIPSBURG		222	$8,718.25
☐	PHILIPSBURG SIGN SHED	3798 MT HIGHWAY 1	PHILIPSBURG		222	$8,718.25
☐	PHILIPSBURG STOCKPILE	3798 MT HIGHWAY 1	PHILIPSBURG		222	$8,718.25
☐	PLAINS EQUIPMENT SHOP	2 LOWER LYNCH CREEK ROAD	PLAINS		2,222	$93,294.95
☐	PLAINS EQUIPMENT SHOP 2 BAY	2 LOWER LYNCH CREEK ROAD	PLAINS		2,500	$122,366.18
☐	PLAINS EQUIPMENT STORAGE	2 LOWER LYNCH CREEK ROAD	PLAINS		1,664	$129,879.35
☐	PLAINS EQUIPMENT STORAGE	2 LOWER LYNCH CREEK ROAD	PLAINS		2,400	$149,719.55
☐	PLAINS SALT STORAGE	2 LOWER LYNCH CREEK ROAD	PLAINS		222	$8,718.25
☐	PLAINS SAND SHED	2 LOWER LYNCH CREEK ROAD	PLAINS		222	$9,137.50
☐	PLAINS SECTION HOUSE	2 LOWER LYNCH CREEK ROAD	PLAINS		2,222	$93,294.95
☐	PLAINS SHED	2 LOWER LYNCH CREEK ROAD	PLAINS		222	$8,718.25
☐	PLAINS STOCKPILE	MT HIGHWAY 200 MP 101	PLAINS		222	$8,718.25
☐	PLAINS STOCKPILE	2 LOWER LYNCH CREEK ROAD	PLAINS		222	$8,718.25
☐	PLAINS STORAGE	2 LOWER LYNCH CREEK ROAD	PLAINS	1970	222	$4,069.95
☐	PLAINS STORAGE SHED	2 LOWER LYNCH CREEK ROAD	PLAINS		222	$8,718.25
☐	PLENEYWOOD EQUIPMENT STORAGE 3 BAY	621 WEST 1ST AVENUE	PLENTYWOOD	2002	-00	$179,949.63
☐	PLENTYWOOD AERONAUTICS NON DIRECTIONAL BEACON	621 WEST 1ST AVENUE	PLENTYWOOD	2020	100	$0.00
☐	PLENTYWOOD EQUIPMENT STORAGE	621 WEST 1ST AVENUE	PLENTYWOOD		-00	$55,381.85
☐	PLENTYWOOD SAND HOUSE	621 WEST 1ST AVENUE	PLENTYWOOD	2014	3,456	$302,313.65
☐	PLENTYWOOD SECTION HOUSE	621 WEST 1ST AVENUE	PLENTYWOOD		-00	$129,565.45
☐	PLENTYWOOD TIN SHED	621 WEST 1ST AVENUE	PLENTYWOOD	2020	100	$1,881.25
☐	Wolf Point RWIS site Comertown Turn-off	MT5 milepost 13.4	PLENTYWOOD		-00	$0.00
☐	POLSON EQUIPMENT STORAGE	51655 US HIGHWAY 93 SOUTH	POLSON		4,500	$426,569.68
☐	POLSON SALT SHED	51655 US HIGHWAY 93 SOUTH	POLSON		100	$4,069.95
☐	POLSON SECTION HOUSE	51655 US HIGHWAY 93 SOUTH	POLSON		-00	$4,069.95
☐	POLSON SIGN SHED	51655 US HIGHWAY 93 SOUTH	POLSON	2015	100	$4,069.95
☐	POLSON STORAGE SHED	51655 US HIGHWAY 93 SOUTH	POLSON		222	$8,718.25
☐	WOLF POINT TIN STORAGE WEST	200 EAST US HIGHWAY 25	POPLAR	2004	222	$26,991.10

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☐	MISSOULA LOADER SHED	COPPER CREEK	RAVALLI		336	$17,453.70
☐	RAVALLI EQUIPMENT SHOP	83056 US HIGHWAY 93	RAVALLI	2004	2,222	$93,294.95
☐	RAVALLI EQUIPMENT SHOP	83056 US HIGHWAY 93	RAVALLI	2007	2,222	$93,294.95
☐	RAVALLI EQUIPMENT SHOP 4 BAY	83056 US HIGHWAY 93	RAVALLI	2007	4,400	$648,853.88
☐	RAVALLI EQUIPMENT STORAGE	83056 US HIGHWAY 93	RAVALLI		222	$4,069.95
☐	RAVALLI EQUIPMENT STORAGE	83056 US HIGHWAY 93	RAVALLI		222	$9,322.40
☐	RAVALLI HILL REST AREA NORTH	MT HIGHWAY 93 MP 29.15	RAVALLI		222	$18,963.00
☐	RAVALLI REST AREA SOUTH	MT HIGHWAY 93 MP 29.17	RAVALLI		222	$18,963.00
☐	RAVALLI STOCKPILE	83056 US HIGHWAY 93	RAVALLI		222	$8,718.25
☐	RAVALLI WEIGH STATION	US HIGHWAY 93 MP 32	RAVALLI		222	$21,113.00
☐	Billings Radio Equipment	Red Lodge Hill	RED LODGE			$0.00
☐	RED LODGE SECTION HOUSE	243 US HIGHWAY 78	RED LODGE		-00	$316,711.13
☐	Billings RWIS site Hysham Hills	I-90 mile post 60	REED POINT		-00	$0.00
☐	REXFORD STOCKPILE	120 MADDEN LAKE ROAD	REXFORD		-00	$145,568.98
☐	Glendive Radio Equipment	Richey building	RICHEY		300	$4,496.73
☐	RICHEY SAND HOUSE	2760 US HIGHWAY 200 EAST	RICHEY		2,400	$90,695.60
☐	RICHEY SECTION HOUSE	2760 US HIGHWAY 200 EAST	RICHEY	1900	-00	$179,949.63
☐	RICHEY TRAILER HOUSE	2760 US HIGHWAY 200 EAST	RICHEY		-00	$4,353.75
☐	ROLLINS LOADER SHED	21013 BIG LODGE ROAD	ROLLINS	2014	3,240	$136,036.95
☐	ROLLINS MAINTENANCE SHOP	MT HIGHWAY 93 MP 97.4	ROLLINS		2,222	$93,294.95
☐	ROLLINS SALT STORAGE	21013 BIG LODGE ROAD	ROLLINS	1996	222	$8,718.25
☐	ROLLINS SECTION HOUSE	21013 BIG LODGE ROAD	ROLLINS		2,222	$93,294.95
☐	ROLLINS SIGN SHED	21013 BIG LODGE ROAD	ROLLINS	2011	222	$8,718.25
☐	ROLLINS WASH BAY	21013 BIG LODGE ROAD	ROLLINS	2012	222	$8,718.25
☐	RONAN EQUIPMENT STORAGE	34945 KICKING HORSE ROAD	RONAN		1,008	$90,695.60
☐	RONAN EQUIPMENT STORAGE	34945 KICKING HORSE ROAD	RONAN		1,400	$125,965.28
☐	RONAN REST AREA	US HIGHWAY 93 MP 44	RONAN	2016	1,200	$301,624.58
☐	RONAN SECTION HOUSE	34945 KICKING HORSE ROAD	RONAN	1975	2,222	$93,294.95
☐	RONAN STOCKPILE	34945 KICKING HORSE ROAD	RONAN		222	$8,718.25

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☐	RONAN SWEEPER SHED	34945 KICKING HORSE ROAD	RONAN		222	$8,718.25
☐	Lewistown Radio Equipment	Roundup	ROUNDUP		300	$2,999.25
☐	Lewistown RWIS site Bull Mountain	US87 milepost 33.3	ROUNDUP		-00	$0.00
☐	ROUNDUP SAND HOUSE	1150 MAIN STREET	ROUNDUP	1953	2,400	$179,949.63
☐	ROUNDUP SECTION HOUSE	1150 MAIN STREET	ROUNDUP		2,222	$93,294.95
☐	ROUNDUP SHOP NORTH	1150 MAIN STREET	ROUNDUP		-00	$171,313.08
☐	ROUNDUP STORAGE SHED	1150 MAIN STREET	ROUNDUP	1971	2,016	$79,170.53
☐	ROY EQUIPMENT STORAGE	49 BLACK BUTTE ROAD	ROY		2,016	$181,386.90
☐	ROY LOADER SHED	49 BLACK BUTTE ROAD	ROY	2011	512	$24,900.23
☐	ROY SAND HOUSE	49 BLACK BUTTE ROAD	ROY		2,400	$89,974.28
☐	ROY SECTION HOUSE	49 BLACK BUTTE ROAD	ROY		-00	$5,538.40
☐	ROY STORAGE	49 BLACK BUTTE ROAD	ROY		4,032	$809,902.85
☐	RYEGATE EQUIPMENT STORAGE	109 4TH AVENUE EAST	RYEGATE	2007	-00	$120,927.83
☐	RYEGATE SAND HOUSE	109 4TH AVENUE EAST	RYEGATE		2,400	$89,974.28
☐	RYEGATE SECTION HOUSE	109 4TH AVENUE EAST	RYEGATE		-00	$151,157.90
☐	Havre RWIS site Two Medicine	US2 milepost 210.7	SACO		-00	$0.00
☐	SACO LOADER SHED	US HIGHWAY 2	SACO		222	$8,718.25
☐	Wolf Point Radio Equipment	Saco	SACO		300	$2,249.98
☐	Wolf Point RWIS site Saco	US2 milepost 502.5	SACO		-00	$0.00
☐	DIRTY CORNER EQUIPMENT STORAGE	83056 US HIGHWAY 93	SAINT IGNATIUS		-00	$13,497.70
☐	DIRTY CORNERS LOADER SHED	US HIGHWAY 93 MP 15.5	SAINT IGNATIUS		-00	$38,389.33
☐	DIRTY CORNERS STOPCKPILE	US HIGHWAY 93 MP 15.5	SAINT IGNATIUS		-00	$202,143.00
☐	Wolf Point Radio Equipment	St Marie	SAINT MARIE		300	$1,497.48
☐	MISSOULA LOADER SHED	ST. REGIS	SAINT REGIS		560	$26,991.10
☐	MISSOULA STEAM CLEANING BUILDING	2100 WEST BROADWAY STREE	SAINT REGIS		1,640	$4,069.95
☐	SAINT REGIS COLD STORAGE	72 LITTLE MILL CREEK ROAD	SAINT REGIS		300	$11,782.00
☐	SAINT REGIS DISTRICT OFFICE	72 LITTLE MILL CREEK ROAD	SAINT REGIS		3,720	$353,780.35
☐	SAINT REGIS EQUIPMENT SHOP	72 LITTLE MILL CREEK ROAD	SAINT REGIS	1998	2,222	$93,294.95
☐	SAINT REGIS LOADER SHED	72 LITTLE MILL CREEK ROAD	SAINT REGIS		600	$23,562.93

☐	SAINT REGIS OPEN STORAGE	72 LITTLE MILL CREEK ROAD	SAINT REGIS		222	$8,718.25
☐	SAINT REGIS OPEN STORAGE	72 LITTLE MILL CREEK ROAD	SAINT REGIS	2011	2,240	$108,846.98
☐	SAINT REGIS PARTS SHED	72 LITTLE MILL CREEK ROAD	SAINT REGIS		222	$8,718.25
☐	SAINT REGIS SAND STORAGE	72 LITTLE MILL CREEK ROAD	SAINT REGIS		222	$8,718.25
☐	SAINT REGIS SANd TENT	72 LITTLE MILL CREEK ROAD	SAINT REGIS	2009	222	$8,718.25
☐	SAINT REGIS SIGN STORAGE	3481 US HIGHWAY 89	SAINT REGIS		100	$363,921.90
☐	SAINT REGIS STOCKPILE	72 LITTLE MILL CREEK ROAD	SAINT REGIS		222	$8,718.25
☐	SAINT REGIS STORAGE SHED	3481 US HIGHWAY 89	SAINT REGIS	2007	100	$193,262.43
☐	WILEY GRAVEL PIT LOADER SHED	INTERSTATE 90 MP 15	SAINT REGIS		222	$4,069.95
☐	Missoula RWIS site Lookout Pass	I-90 milepost 0.2	SALTESE		-00	$0.00
☐	Miles City RWIS site Sioux Pass	MT16 milepost 21	SAVAGE		-00	$0.00
☐	SAVAGE LAKE LOADER SHED	2046 BULL LAKE ROAD	SAVAGE	2013	222	$8,718.25
☐	SAVAGE LAKE SECTION HOUSE	2046 BULL LAKE ROAD	SAVAGE		2,222	$93,294.95
☐	FLAXVILLE EQUIPMENT STORAGE	4209 SCOBEY	SCOBEY	1990	200	$7,507.80
☐	FLOWING WELLS REST AREA PICNIC ARBOR EAST	4210 FLOWING WELLS	SCOBEY	1990	200	$7,507.80
☐	FLOWING WELLS REST AREA PICNIC ARBOR WEST	4210 FLOWING WELLS	SCOBEY	1990	200	$7,507.80
☐	FLOWING WELLS REST AREA STORAGE	4210 FLOWING WELLS	SCOBEY	1990	200	$7,507.80
☐	FLOWING WELLS REST AREA TRAILER STORAGE	4210 FLOWING WELLS	SCOBEY	1990	200	$7,507.80
☐	FLOWING WELLS TRAILER SITE	4210 FLOWING WELLS	SCOBEY	1990	200	$7,507.80
☐	SCOBEY SECTION HOUSE	92 US HIGHWAY 5 EAST	SCOBEY		15,600	$1,637,539.98
☐	SCOBEY STORAGE SHED	92 US HIGHWAY 5 EAST	SCOBEY		-00	$4,069.95
☐	SCOBEY STORAGE SHED	4209 SCOBEY	SCOBEY	1990	200	$7,507.80
☐	SCOBEY TIN SHED	92 US HIGHWAY 5 EAST	SCOBEY		-00	$89,974.28
☐	SCOBEY TIRE SHED	4209 SCOBEY	SCOBEY	1990	200	$7,507.80
☐	Wolf Point RWIS site McDonald's	MT13 milepost 25.5	SCOBEY		-00	$0.00
☐	Wolf Point RWIS site Navago	MT5 milepost 19.8	SCOBEY		-00	$0.00
☐	CLEARWATER EQUIPMENT STORAGE	43730 MT HIGHWAY 200 EAST	SEELEY LAKE		1,000	$29,991.43
☐	CLEARWATER LOADER SHED	43730 MT HIGHWAY 200 EAST	SEELEY LAKE		-00	$1,252,721.15
☐	CLEARWATER REST AREA	MT HIGHWAY 200 MP 31.96	SEELEY LAKE		650	$116,619.23

☐	CLEARWATER STOCKPILE SITE	MT HIGHWAY 200 MP 51	SEELEY LAKE	2015	-00	$89,974.28
☐	Missoula RWIS site Greenough Hill	1102 Seeley Lake	SEELEY LAKE		100	$4,069.95
☐	SEELEY EQUIPMENT SHOP 3 BAY	2846 US HIGHWAY 83 NORTH	SEELEY LAKE	1980	2,100	$188,946.30
☐	SEELEY LAKE EQUIPMENT SHED	2846 US HIGHWAY 83 NORTH	SEELEY LAKE	2005	900	$36,638.15
☐	SEELEY LAKE EQUIPMENT SHOP 4 BAY	2846 US HIGHWAY 83 NORTH	SEELEY LAKE	1981	3,500	$181,830.88
☐	SEELEY LAKE SAND SHED	2846 US HIGHWAY 83 NORTH	SEELEY LAKE		-00	$8,854.78
☐	SEELEY LAKE SECTION HOUSE	2846 US HIGHWAY 83 NORTH	SEELEY LAKE	2001	-00	$9,769.60
☐	SEELEY LAKE STOCKPILE	2846 US HIGHWAY 83 NORTH	SEELEY LAKE		-00	$5,860.90
☐	COUTTS VEHICLE INSPECTION STATION	NA	SHELBY		-00	$77,684.88
☐	SHELBY DUG OUT	1750 WEST ROOSEVELT MT HI	SHELBY		22	$863.23
☐	SHELBY EQUIPMEBT STORAGE	1750 WEST ROOSEVELT MT HI	SHELBY		2,904	$207,303.00
☐	SHELBY EQUIPMENT SHOP	1750 WEST ROOSEVELT MT HI	SHELBY	1970	2,222	$93,294.95
☐	SHELBY EQUIPMENT SHOP	1750 WEST ROOSEVELT MT HI	SHELBY	2015	2,222	$93,294.95
☐	SHELBY EQUIPMENT SHOP	1750 WEST ROOSEVELT MT HI	SHELBY		5,500	$431,878.03
☐	SHELBY EQUIPMENT STORAGE	1750 WEST ROOSEVELT MT HI	SHELBY		2,304	$150,866.58
☐	SHELBY GAS SHED	1750 WEST ROOSEVELT MT HI	SHELBY	2008	4,800	$23,324.28
☐	SHELBY MAINTENANCE SHOP	1750 WEST ROOSEVELT MT HI	SHELBY		-00	$503,904.10
☐	SHELBY MISSILE SHED	1750 WEST ROOSEVELT MT HI	SHELBY		960	$37,700.25
☐	SHELBY PUMP SHED	1750 WEST ROOSEVELT MT HI	SHELBY		-00	$29,154.00
☐	SHELBY SAND SHED	1750 WEST ROOSEVELT MT HI	SHELBY	1970	222	$8,718.25
☐	SHELBY SECTION HOUSE	3205 SHELBY	SHELBY	1990	5,000	$187,687.48
☐	SHELBY SIGN SHED	1750 WEST ROOSEVELT MT HI	SHELBY		222	$8,718.25
☐	SHELBY STORAGE	1750 WEST ROOSEVELT MT HI	SHELBY		222	$8,718.25
☐	SHELBY STORES BUILDING	1750 WEST ROOSEVELT MT HI	SHELBY		222	$8,718.25
☐	SHELBY SUPERINTENDENT OFFICE	1750 WEST ROOSEVELT MT HI	SHELBY		-00	$5,569.58
☐	SHELBY TOOL SHED	1750 WEST ROOSEVELT MT HI	SHELBY	2002	222	$8,718.25
☐	SHELBY WEIGH STATION	INTERSTATE 15 MP 366.5	SHELBY		200	$29,991.43
☐	Glendive Radio Equipment	Sidney	SIDNEY		300	$2,999.25
☐	SIDNEY COLD STORAGE	2545 WEST HOLLY STREET	SIDNEY		222	$8,718.25

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☐	SIDNEY EQUIPMENT SHOP 1 BAY	2545 WEST HOLLY STREET	SIDNEY		2,222	$93,292.80
☐	SIDNEY EQUIPMENT SHOP 3 BAY	2545 WEST HOLLY STREET	SIDNEY	2018	2,496	$377,698.03
☐	SIDNEY EQUIPMENT SHOP 3 BAY	2545 WEST HOLLY STREET	SIDNEY		3,333	$139,941.35
☐	SIDNEY EQUIPMENT STORAGE	2545 WEST HOLLY STREET	SIDNEY		-00	$120,927.83
☐	SIDNEY STORAGE SHED	2545 WEST HOLLY STREET	SIDNEY		222	$8,718.25
☐	SPRINGDALE STOCKPILE SITE	26 WEST END ROAD	SPRINGDALE		100	$30,254.80
☐	STANDFORD SAND HOUSE	62 4TH AVENUE SOUTH	STANFORD		2,400	$74,980.18
☐	STANFORD COLD STORAGE	62 4TH AVENUE SOUTH	STANFORD	2009	-00	$409,385.80
☐	STANFORD EQUIPMENT STORAGE	62 4TH AVENUE SOUTH	STANFORD		-00	$129,565.45
☐	STANFORD SECTION HOUSE	62 4TH AVENUE SOUTH	STANFORD		3,000	$9,329.93
☐	LOLO SOUTH SAND TENT	16810 OLD MT HIGHWAY 93	STEVENSVILLE		4,000	$22,236.38
☐	LOLO SOUTH STOCKPILE	STEVENSVILLE	STEVENSVILLE		222	$8,718.25
☐	R/W Property Missoula District	485 Grassland	STEVENSVILLE	1978	960	$10,320.00
☐	R/W STEVENSVILLE NORTH	5067 EASTSIDE HIGHWAY	STEVENSVILLE	1900	858	$34,994.48
☐	CONNOR LOADER SHED	8216 US HIGHWAY 93 SOUTH	SULA		-00	$196,506.78
☐	CONNOR STOCKPILE	8216 US HIGHWAY 93 SOUTH	SULA		-00	$25,233.48
☐	LOST TRAIL EQUIPMENT SHOP 3 BAY	8216 US HIGHWAY 10 WEST	SULA		3,333	$139,941.35
☐	LOST TRAIL EQUIPMENT STORAGE	8216 US HIGHWAY 10 WEST	SULA		2,222	$87,262.05
☐	LOST TRAIL FUEL VAULT	8216 US HIGHWAY 10 WEST	SULA		222	$8,718.25
☐	LOST TRAIL FUEL VAULT	8216 US HIGHWAY 10 WEST	SULA		222	$8,718.25
☐	LOST TRAIL GARAGE	8216 US HIGHWAY 10 WEST	SULA		222	$8,718.25
☐	LOST TRAIL GARAGE	8216 US HIGHWAY 10 WEST	SULA		222	$8,718.25
☐	LOST TRAIL PASS HOUSE	8216 US HIGHWAY 93 SOUTH	SULA		500	$34,984.80
☐	LOST TRAIL PASS HOUSE	8216 US HIGHWAY 93 SOUTH	SULA		992	$50,062.75
☐	LOST TRAIL SAND SHED	8216 US HIGHWAY 10 WEST	SULA		222	$8,718.25
☐	LOST TRAIL SAND TENT	8216 US HIGHWAY 10 WEST	SULA		222	$8,718.25
☐	LOST TRAIL SIGN STORAGE	8216 US HIGHWAY 93 SOUTH	SULA		-00	$277,121.03
☐	SULA REST AREA GENERATOR SHED	283 LOST TRAIL HOT SPRINGS	SULA	2004	-00	$57,676.98
☐	SULA SECTION HOUSE	8216 US HIGHWAY 93 SOUTH	SULA	1997	-00	$4,353.75

☐	SULA STOCKPILE	8216 US HIGHWAY 93 MP 16.3	SULA	1960	-00	$4,069.95
☐	SUN RIVER EQUIPMENT SHOP	112 BROADWAY STREET	SUN RIVER		1,664	$269,923.90
☐	SUN RIVER MAINTENANCE SHOP	112 BROADWAY STREET	SUN RIVER		2,222	$86,446.13
☐	SUN RIVER SECTION HOUSE	856 US HIGHWAY 89	SUN RIVER		2,222	$93,292.80
☐	SUN RIVER SIGN SHED	856 US HIGHWAY 89	SUN RIVER		222	$8,718.25
☐	SUNBURST EQUIPMENT STORAGE	211 FRONT STREET	SUNBURST		1,111	$43,631.03
☐	SUNBURST PUMP SHED	211 FRONT STREET	SUNBURST		22	$2,275.78
☐	SUNBURST SAND SHED	211 FRONT STREET	SUNBURST		222	$8,718.25
☐	SUNBURST SECTION HOUSE	211 FRONT STREET	SUNBURST		2,222	$93,294.95
☐	SUNBURST SIGN STORAGE	3205 SHELBY	SUNBURST	1990	200	$7,507.80
☐	SUNBURST STORAGE SHED	211 FRONT STREET	SUNBURST		222	$8,718.25
☐	SUNBURST STORAGE SHED	211 FRONT STREET	SUNBURST		2,400	$94,251.70
☐	Missoula RWIS site Ninemile	I-90 milepost 81.8	SUPERIOR		-00	$0.00
☐	SUPERIOR EQUIPMENT SHOP	#1 TAMI DRIVE WEST	SUPERIOR		2,400	$4,353.75
☐	SUPERIOR EQUIPMENT STORAGE	#1 TAMI DRIVE WEST	SUPERIOR		-00	$127,176.80
☐	SUPERIOR EQUIPMENT STORAGE	#1 TAMI DRIVE WEST	SUPERIOR		4,810	$424,016.55
☐	SUPERIOR LOADER SHED	#1 TAMI DRIVE WEST	SUPERIOR		448	$22,236.38
☐	SUPERIOR OPEN STORAGE	#1 TAMI DRIVE WEST	SUPERIOR		-00	$4,069.95
☐	SUPERIOR PUMP SHED	#1 TAMI DRIVE WEST	SUPERIOR		-00	$4,069.95
☐	SUPERIOR SALT SHED	#1 TAMI DRIVE WEST	SUPERIOR		222	$8,718.25
☐	SUPERIOR SECTION HOUSE	#1 TAMI DRIVE WEST	SUPERIOR		-00	$354,824.18
☐	SUPERIOR SIGN SHED	#1 TAMI DRIVE WEST	SUPERIOR		555	$21,796.70
☐	SUPERIOR STOCKPILE	#1 TAMI DRIVE WEST	SUPERIOR		222	$8,718.25
☐	Havre RWIS site Sweet Grass	I-15 milepost 395.3	SWEET GRASS		-00	$0.00
☐	SWEETGRASS REST AREA	2655 HIGHWAY 12 SW	SWEET GRASS		2,800	$2,663,102.88
☐	WINNETT EQUIPMENT STORAGE	220 NORTH BROADWAY	TEIGEN		-00	$49,484.40
☐	WINNETT EQUIPMENT STORAGE	220 NORTH BROADWAY	TEIGEN		-00	$74,810.33
☐	WINNETT SECTION HOUSE	220 NORTH BROADWAY	TEIGEN		-00	$131,001.65
☐	TERRY EQUIPMENT SHOP 3 BAY	41 SPARKS LANE	TERRY		-00	$215,940.63

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☐	TERRY EQUIPMENT STORAGE	604 COURTENAY AVENUE SOU	TERRY	1991	-00	$161,954.13
☐	TERRY SECTION HOUSE	604 COURTENAY AVENUE SHO	TERRY	2008	-00	$43,769.70
☐	THOMPSON FALLS COMPOST	5405 MT HIGHWAY 200	THOMPSON FALLS		-00	$29,154.00
☐	THOMPSON FALLS EQUIPMENT STORAGE	5405 MT HIGHWAY 20	THOMPSON FALLS		2,222	$87,262.05
☐	THOMPSON FALLS EQUIPMENT STORAGE	5405 MT HIGHWAY 200	THOMPSON FALLS	1980	5,000	$449,870.30
☐	THOMPSON FALLS GRAVEL PIT	5405 MT HIGHWAY 20	THOMPSON FALLS		222	$8,718.25
☐	THOMPSON FALLS LOADER SHED	MT HIGHWAY 200 MP 31	THOMPSON FALLS		-00	$4,069.95
☐	THOMPSON FALLS MAINTENANCE SHOP	5405 MT HIGHWAY 20	THOMPSON FALLS		2,222	$93,294.95
☐	THOMPSON FALLS SALT STORAGE	5405 MT HIGHWAY 20	THOMPSON FALLS		222	$8,718.25
☐	THOMPSON FALLS SAND SHED	5405 MT HIGHWAY 20	THOMPSON FALLS		222	$8,718.25
☐	THOMPSON FALLS SECTION HOUSE	5405 MT HIGHWAY 200	THOMPSON FALLS		-00	$4,353.75
☐	THOMPSON FALLS SIGN SHED	5405 MT HIGHWAY 20	THOMPSON FALLS		555	$21,796.70
☐	THOMPSON FALLS STOCKPILE	5405 MT HIGHWAY 200	THOMPSON FALLS		-00	$4,069.95
☐	THOMPSON FALLS STORAGE	5405 MT HIGHWAY 20	THOMPSON FALLS		222	$8,718.25
☐	THOMPSON FALLS WASH BAY	5405 MT HIGHWAY 20	THOMPSON FALLS		222	$8,718.25
☐	THREE FORKS EQUIPMENT STORAGE	505 FRONTAGE ROAD	THREE FORKS	2015	-00	$294,755.33
☐	THREE FORKS SALT CONTAINMENT SHED	2211 THREE FORKS	THREE FORKS	1990	200	$7,507.80
☐	THREE FORKS SECTION HOUSE	505 FRONTAGE ROAD	THREE FORKS		-00	$17,993.35
☐	THREE FORKS TOOL SHED	505 FRONTAGE ROAD	THREE FORKS		222	$8,718.25
☐	THREE FORKS TOOL STORAGE	505 FRONTAGE ROAD	THREE FORKS		222	$8,718.25
☐	TOSTEN LOADER SHED	TOSTON SECONDARY	TOSTON		222	$8,718.25
☐	TOWNSEND EQUIPMENT SHOP 6 BAY	7827 US HIGHWAY 287	TOWNSEND		-00	$244,732.35
☐	TOWNSEND SIGN STORAGE	7827 US HIGHWAY 287	TOWNSEND		600	$120,810.65
☐	KALISPELL LOADER SHED	TROUT CREEK	TROUT CREEK		560	$26,991.10
☐	MISSOULA LOADER SHED	TROUT CREEK	TROUT CREEK		560	$26,991.10
☐	TROUT CREEK STOCKPILE	MT HIGHWAY 200 MP 31	TROUT CREEK		111	$4,360.20
☐	Kalispell RWIS site Yak Hill	US 2 milepost 4.8	TROY		-00	$0.00
☐	TROY AND LIBBY WEIGH STATION	JUNCTION MT HIGHWAY 2 MP	TROY		200	$29,991.43
☐	TROY EQUIPMENT SHOP	MT HIGHWAY 2 MP 14.8	TROY		-00	$72,733.43

☐	TROY LOADER SHED	MT HIGHWAY 56 MP 32.8	TROY	2010	448	$17,979.38
☐	TROY MAINTENANCE SHOP	MT HIGHWAY 2	TROY	2013	4,640	$118,766.00
☐	TROY REST AREA	MT HIGHWAY 2 MP 14.8	TROY		1,200	$674,392.65
☐	TROY SAND SHED	MT HIGHWAY 2	TROY		448	$23,273.75
☐	TROY SECTION HOUSE	MT HIGHWAY 56 MP 32.8	TROY	2011	2,222	$827,732.80
☐	TROY SECTION HOUSE OLD	US HIGHWAY 2 MP 14.8	TROY		2,222	$93,294.95
☐	TROY SIGN SHED	MT HIGHWAY 56 MP 32.8	TROY	2013	222	$8,718.25
☐	TROY STORAGE SHED	MT HIGHWAY 56 MP 32.8	TROY	2017	176	$9,769.60
☐	TROY TIRE SHED	MT HIGHWAY 56 MP 32.8	TROY	2007	48	$4,069.95
☐	TWIN BRIDGES EQUIPMENT SHOP 4 BAY	4232 US HIGHWAY 287	TWIN BRIDGES		3,280	$295,116.53
☐	TWIN BRIDGES EQUIPMENT STORAGE	4232 US HIGHWAY 287	TWIN BRIDGES	2008	-00	$110,849.70
☐	TWIN BRIDGES SAND SHED	2109 TWIN BRIDGES	TWIN BRIDGES	1990	200	$7,507.80
☐	TWIN BRIDGES SECTION HOUSE	4232 US HIGHWAY 287	TWIN BRIDGES		-00	$29,154.00
☐	TWIN BRIDGES TOOL STORAGE	4232 US HIGHWAY 287	TWIN BRIDGES		-00	$157,542.33
☐	TWIN BRIDGES WEIGH STATION NORTH	MT 41 MP 27	TWIN BRIDGES		200	$9,858.83
☐	TWIN BRIDGES WEIGH STATION SOUTH	MT 41 MP 27	TWIN BRIDGES	2014	200	$9,858.83
☐	BELT SHED	JUNCTION HIGHWAY 87 AND 8	VICTOR		-00	$4,069.95
☐	MISSOULA LOADER SHED	VICTOR	VICTOR		560	$26,991.10
☐	MISSOULA PAINT STORAGE	2100 WEST BROADWAY STREE	VICTOR		768	$4,069.95
☐	Kalispell RWIS site Hungry Horse	Highway 2 WB	WEST GLACIER		-00	$0.00
☐	WEST GLACIER EQUIPMENT STORAGE	13300 US HIGHWAY 2 EAST	WEST GLACIER	2000	2,400	$4,069.95
☐	WEST GLACIER EQUIPMENT STORAGE	13300 US HIGHWAY 2 EAST	WEST GLACIER		5,330	$299,613.25
☐	WEST GLACIER LOADER SHED	MT HIGHWAY 2 MP 177	WEST GLACIER		100	$129,672.95
☐	WEST GLACIER SAND HOUSE	13300 US HIGHWAY 2 EAST	WEST GLACIER		2,400	$4,353.75
☐	WEST GLACIER SECTION HOUSE	13300 US HIGHWAY 2 EAST	WEST GLACIER		-00	$215,940.63
☐	DUCK CREEK EQUIPMENT QUONSET	8060 GALLATIN ROAD	WEST YELLOWSTONE	2002	-00	$129,565.45
☐	DUCK CREEK EQUIPMENT STORAGE	8060 GALLATIN ROAD	WEST YELLOWSTONE		-00	$1,008,452.13
☐	DUCK CREEK LOADER SHED	US HIGHWAY 87 MP 8.5	WEST YELLOWSTONE	1968	-00	$119,967.85
☐	DUCK CREEK SAND SHED	8060 GALLATIN ROAD	WEST YELLOWSTONE	1968	-00	$237,937.28

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☐	DUCK CREEK SECTION HOUSE	8060 GALLATIN ROAD	WEST YELLOWSTONE		1,682	$225,913.40
☐	DUCK CREEK SIGN STORAGE	8060 GALLATIN ROAD	WEST YELLOWSTONE		-00	$100,891.98
☐	DUCK CREEK STOCKPILE	211 US HIGHWAY 287 MP 21	WEST YELLOWSTONE		-00	$36,929.48
☐	DUCK CREEK TIRE SHED	8060 GALLATIN ROAD	WEST YELLOWSTONE		-00	$4,069.95
☐	DUCK CREEK TRAILER PAD	8060 GALLATIN ROAD	WEST YELLOWSTONE		-00	$538,978.13
☐	WEST YELLOWSTONE AIRPORT ADMINISTRATION BUILDING	721 YELLOWSTONE AIRPORT R	WEST YELLOWSTONE	1965	2,222	$211,318.13
☐	WEST YELLOWSTONE AIRPORT FIRE RESCUE BUILDING	625 YELLOWSTONE AIRPORT R	WEST YELLOWSTONE	1965	3,558	$184,846.25
☐	WEST YELLOWSTONE AIRPORT TERMINAL ADMINISTRATION	629 YELLOWSTONE AIRPORT R	WEST YELLOWSTONE		10,704	$10,195.30
☐	WEST YELLOWSTONE FIRE RESCUE BUILDING	629 YELLOWSTONE AIRPORT R	WEST YELLOWSTONE	1971	-00	$2,010,119.93
☐	DEEP CREEK EQUIPMENT STORAGE	1317 VALLEY VIEW DRIVE	WHITE SULPHUR SPRING	2004	-00	$74,980.18
☐	DEEP CREEK LOADER SHED	EAST RIVER ROAD MP 27.1	WHITE SULPHUR SPRING		-00	$215,940.63
☐	DEEP CREEK SAND SHED	HIGHWAY 12 MP 26.5	WHITE SULPHUR SPRING		2,400	$89,974.28
☐	WHITE SULPHUR EQUIPMENT SHOP 3 BAY	HIGHWAY 12 MP 26.5	WHITE SULPHUR SPRING		2,222	$93,294.95
☐	WHITE SULPHUR SPRINGS EQUIPMENT STORAGE	2655 US HIGHWAY 12 SW	WHITE SULPHUR SPRING		222	$18,659.85
☐	WHITE SULPHUR SPRINGS LOADER SHED	7700 HIGHWAY 12 EAST	WHITE SULPHUR SPRING	2013	222	$481,182.90
☐	WHITE SULPHUR SPRINGS SECTION HOUSE	2655 HIGHWAY 12 SW	WHITE SULPHUR SPRING		2,222	$93,294.95
☐	WHITE SULPHUR SPRINGS SIGN SHED	2655 US HIGHWAY 12 SW	WHITE SULPHUR SPRING		222	$4,069.95
☐	WHITE SULPHUR SPRINGS STORAGE	US HIGHWAY 12 MP 45	WHITE SULPHUR SPRING		222	$8,718.25
☐	WHITE SULPHUR SPRINGS STORAGE SHED	HIGHWAY 12 MP 26.5	WHITE SULPHUR SPRING		222	$8,718.25
☐	WHITE SULPHUR SPRINGS STORAGE SHED	HIGHWAY 12 MP 26.5	WHITE SULPHUR SPRING		222	$8,718.25
☐	WHITE SULPHUR SPRINGS STORAGE SHED	2655 HIGHWAY 12 SW	WHITE SULPHUR SPRING		222	$8,718.25
☐	WHITE SULPHUR SPRINGS STORAGE SHED NORTH	2655 US HIGHWAY 12 SW	WHITE SULPHUR SPRING	1970	222	$89,974.28
☐	WHITE SULPHUR SPRINGS TOOL SHED	HIGHWAY 12 MP 26.5	WHITE SULPHUR SPRING		222	$8,718.25
☐	LUPFER LOADER SHED	US HIGHWAY 93	WHITEFISH		222	$8,718.25
☐	POINT OF ROCK STOCKPILE	MT HIGHWAY MP 21.1	WHITEFISH		-00	$4,069.95
☐	WHITEFISH BREAK ROOM OFFICE	120 KALLNER LANE	WHITEFISH		100	$9,858.83
☐	WHITEFISH EQUIPMENT SHOP	120 KALLNER LANE	WHITEFISH		-00	$10,725.28
☐	WHITEFISH EQUIPMENT STORAGE	120 KALLNER LANE	WHITEFISH	2000	4,350	$391,390.30
☐	WHITEFISH PIGEON SHED	120 KALLNER LANE	WHITEFISH		-00	$4,069.95

☐	WHITEFISH PUMP HOUSE	120 KALLNER LANE	WHITEFISH	2000	100	$4,069.95
☐	WHITEFISH QUONSET	MT HIGHWAY 93 NORTH	WHITEFISH		555	$6,467.20
☐	WHITEFISH SALT STORAGE	120 KALLNER LANE	WHITEFISH	2007	100	$117,881.28
☐	WHITEFISH SAND STORAGE	120 KALLNER LANE	WHITEFISH	1980	3,200	$116,619.23
☐	WHITEFISH STORAGE	120 KALLNER LANE	WHITEFISH		2,400	$89,974.28
☐	CRICKS CAMP LOADER SHED	621 US HIGHWAY 2 EAST	WHITEHALL		448	$291,517.43
☐	CRICKS CAMP SECTION HOUSE	621 US HIGHWAY 2 EAST	WHITEHALL		-00	$23,273.75
☐	WHITEHALL QUONSET	621 US HIGHWAY 2 EAST	WHITEHALL		222	$8,718.25
☐	WHITEHALL SECTION HOUSE	621 US HIGHWAY 2 EAST	WHITEHALL	2010	-00	$395,887.03
☐	WHITEHALL TOOL STORAGE	621 US HIGHWAY 2 EAST	WHITEHALL		555	$21,796.70
☐	MISSOULA LOADER SHED	WHITEHALL	WHITETAIL		560	$26,991.10
☐	WIBAUX REST AREA	I94 MP 240	WIBAUX		-00	$339,692.48
☐	WIBAUX SAND HOUSE	2 LOG CABIN ROAD	WIBAUX		2,400	$94,251.70
☐	WIBAUX SECTION HOUSE	2 LOG CABIN ROAD	WIBAUX		2,222	$93,294.95
☐	WIBAUX SNOBLOWER HUT	I94 MP 240	WIBAUX	2010	-00	$9,858.83
☐	WIBAUX STORAGE SHED	2 LOG CABIN ROAD	WIBAUX		222	$89,974.28
☐	WIBAUX STORAGE SHED	2 LOG CABIN ROAD	WIBAUX		222	$8,718.25
☐	WIBAUX VISITOR CENTER	505 2ND AVENUE	WIBAUX	1998	111	$4,360.20
☐	WIBAUX VISITOR CENTER PINIC SHELTER	505 2ND AVENUE	WIBAUX		22	$863.23
☐	WIBAUX VISITOR CENTER STORAGE	505 2ND AVENUE	WIBAUX		111	$4,360.20
☐	WIBAUX WEIGH STATION	I 90 MP 240	WIBAUX	2005	-00	$548,844.48
☐	TOM MINER STOCKPILE	MT HIGHWAY 89 MP 16.5	WILSALL		-00	$4,069.95
☐	WILSALL SECTION HOUSE	2308 US HIGHWAY 89 NORTH	WILSALL		1,111	$431,878.03
☐	WILSALL SIGN SHED	2308 US HIGHWAY 89 NORTH	WILSALL	2004	222	$4,069.95
☐	WILSALL TOOL SHED	2308 US HIGHWAY 89 NORTH	WILSALL		222	$8,718.25
☐	WINNETT EQUIPMENT STORAGE NORTH	220 NORTH BROADWAY	WINNETT	1996	-00	$4,069.95
☐	WINNETT SAND HOUSE	220 NORTH BROADWAY	WINNETT		-00	$4,069.95
☐	WINSTON EASEMENT	72001 GALLATIN ROAD	WINSTON	1999	-00	$4,069.95
☐	WISDOM MAINTENANCE SHOP	58791 US HIGHWAY 278	WISDOM	2012	-00	$4,069.95

☐	WISDOM SECTION HOUSE	58791 US HIGHWAY 278	WISDOM	1998	-00	$27,294.25
☐	WISDOM STOCKPILE SITE	58791 US HIGHWAY 278	WISDOM		-00	$4,069.95
☐	WISDOM STORAGE SHED	58791 US HIGHWAY 278	WISDOM		-00	$410,862.85
☐	WISDOM TOOL STORAGE	58791 US HIGHWAY 278	WISDOM		-00	$4,069.95
☐	SPORTSMAN LOADER SHED	MT HIGHWAY 43 MP 517	WISE RIVER		-00	$4,069.95
☐	ROGERS PASS EQUIPMENT SHOP	5380 US HIGHWAY 200	WOLF CREEK	1980	-00	$89,974.28
☐	ROGERS PASS EQUIPMENT STORAGE	37048 US HIGHWAY 12 WEST	WOLF CREEK		1,111	$43,631.03
☐	ROGERS PASS EQUIPMENT STORAGE	5380 US HIGHWAY 200	WOLF CREEK	1971	1,111	$37,414.30
☐	ROGERS PASS GARAGE	5380 US HIGHWAY 200	WOLF CREEK		-00	$299,915.33
☐	ROGERS PASS MAINTENANCE SHOP	5380 US HIGHWAY 200	WOLF CREEK		-00	$50,468.03
☐	ROGERS PASS REST AREA	5380 US HIGHWAY 200	WOLF CREEK		100	$8,541.95
☐	ROGERS PASS SECTION HOUSE	5380 US HIGHWAY 200	WOLF CREEK		2,222	$93,294.95
☐	ROGERS PASS SIGN SHED	5380 US HIGHWAY 200	WOLF CREEK		100	$3,928.05
☐	ROGERS PASS STORAGE SHED	5380 US HIGHWAY 200	WOLF CREEK		222	$8,718.25
☐	ROGERS PASS TOOL SHED	5380 US HIGHWAY 200	WOLF CREEK		222	$8,718.25
☐	WOLF CREEK COMBINATION BUILDING	915 CRAIG FRONTAGE ROAD	WOLF CREEK	1951	-00	$161,954.13
☐	WOLF CREEK EQUIPMENT SHOP	915 CRAIG FRONTAGE ROAD	WOLF CREEK		-00	$4,069.95
☐	WOLF CREEK GAS SHED	915 CRAIG FRONTAGE ROAD	WOLF CREEK	1972	100	$4,069.95
☐	WOLF CREEK LOADER SHED	915 CRAIG FRONTAGE ROAD	WOLF CREEK		-00	$239,932.48
☐	WOLF CREEK LOWER SHED	915 CRAIG FRONTAGE ROAD	WOLF CREEK	1977	100	$4,069.95
☐	WOLF CREEK REST AREA NORTH	INTERSTATE 15 MP 239.7	WOLF CREEK	2010	222	$18,961.93
☐	WOLF CREEK REST AREA SOUTH	INTERSTATE 15 MP 239.8	WOLF CREEK	2010	222	$18,963.00
☐	WOLF CREEK REST AREA SUPPLY SHED	915 CRAIG FRONTAGE ROAD	WOLF CREEK		100	$3,928.05
☐	Wolf Creek RWIS site Cow Creek	MT 13 mile post 19.9	WOLF CREEK		-00	$0.00
☐	WOLF CREEK SAND SHED	915 CRAIG FRONTAGE ROAD	WOLF CREEK	2008	-00	$4,069.95
☐	WOLF CREEK SECTION HOUSE	915 CRAIG FRONTAGE ROAD	WOLF CREEK		1,568	$65,835.15
☐	WOLF CREEK SHED WEST	915 CRAIG FRONTAGE ROAD	WOLF CREEK		222	$8,718.25
☐	WOLF CREEK SHOP NORTH	915 CRAIG FRONTAGE ROAD	WOLF CREEK		1,111	$4,069.95
☐	WOLF CREEK SIGN SHED	915 CRAIG FRONTAGE ROAD	WOLF CREEK		100	$3,928.05

☐	WOLF CREEK STORAGE SHED	915 CRAIG FRONTAGE ROAD	WOLF CREEK		100	$3,928.05
☐	RWIS CULBERTSON	4201 WOLF POINT SECTION	WOLF POINT	1990	200	$7,507.80
☐	WOLF POINT COMBINATION BUILDING	200 EAST HIGHWAY 25	WOLF POINT	1937	222	$8,718.25
☐	WOLF POINT COMBO B STORAGE SHED	200 EAST US HIGHWAY 25	WOLF POINT		222	$127,089.73
☐	WOLF POINT CONSTRUCTION OFFICE TRAILER	200 EAST US HIGHWAY 25	WOLF POINT		555	$146,088.20
☐	WOLF POINT CONSTRUCTION OFFICE TRAILER	200 EAST US HIGHWAY 25	WOLF POINT		555	$22,236.38
☐	WOLF POINT CONSTRUCTION STAKE SHED	200 EAST US HIGHWAY 25	WOLF POINT	1973	111	$4,069.95
☐	WOLF POINT CONSTRUCTION TIN SHED	200 EAST US HIGHWAY 25	WOLF POINT		111	$4,360.20
☐	WOLF POINT CONTRUCTION SHED	200 EAST US HIGHWAY 25	WOLF POINT		-00	$505,296.23
☐	WOLF POINT DISTRICT OFFICE	200 EAST US HIGHWAY 25	WOLF POINT	1972	12,417	$26,991.10
☐	WOLF POINT LAB STORAGE	4201 WOLF POINT SECTION	WOLF POINT	1990	200	$7,507.80
☐	WOLF POINT LAB TIN STORAGE	200 EAST US HIGHWAY 25	WOLF POINT		222	$3,600.18
☐	WOLF POINT LOADER SHED	MT HIGHWAY 251 MP 24.3	WOLF POINT		222	$8,718.25
☐	WOLF POINT LOADER SHED	MT HIGHWAY 250 MP .7	WOLF POINT		428	$89,974.28
☐	WOLF POINT LONG SHED	200 EAST US HIGHWAY 25	WOLF POINT		222	$8,718.25
☐	WOLF POINT NEW EQUIPMENT SHOP	200 EAST US HIGHWAY 25	WOLF POINT	2020	10,000	$261,225.00
☐	WOLF POINT PUMP HOUSE	200 EAST US HIGHWAY 25	WOLF POINT		-00	$322,985.90
☐	Wolf Point Radio Equipment	Wolf Point Sandshed	WOLF POINT		-00	$0.00
☐	WOLF POINT RADIO STORAGE	MT HIGHWAY 250 MP .7	WOLF POINT		-00	$59,982.85
☐	WOLF POINT SAND HOUSE	MT HIGHWAY 250 MP .7	WOLF POINT	1980	2,400	$186,195.38
☐	WOLF POINT SECTION HOUSE	200 EAST US HIGHWAY 25	WOLF POINT	1987	2,222	$93,294.95
☐	WOLF POINT SECTION HOUSE	200 EAST US HIGHWAY 25	WOLF POINT	1990	10,000	$375,372.80
☐	WOLF POINT SECTION HOUSE NEW	6205 US HIGHWAY 250	WOLF POINT	2018	7,318	$1,454,055.75
☐	Wolf Point Shipping Container	200 EAST US HIGHWAY 25	WOLF POINT	2020	100	$1,881.25
☐	WOLF POINT TESTING LAB	200 EAST US HIGHWAY 25	WOLF POINT		555	$21,796.70
☐	Wolf Point Timber Equipment Storage	200 EAST US HIGHWAY 25	WOLF POINT	2020	100	$1,881.25
☐	WOLF POINT TIN STORAGE EAST	200 EAST US HIGHWAY 25	WOLF POINT		222	$8,718.25
☐	WOLF POINT TIN STORAGE MIDDLE	200 EAST US HIGHWAY 25	WOLF POINT		222	$4,353.75
☐	WOLF POINT TIRE SHED	200 EAST US HIGHWAY 25	WOLF POINT		222	$8,718.25

DEPARTMENT OF TRANSPORTATION

☐	WOLF POINT USED TIRE SHED	200 EAST US HIGHWAY 25	WOLF POINT	2020	100	$0.00
☐	WOLF POINT WAREHOUSE	200 EAST HIGHWAY 25	WOLF POINT		1,000	$39,270.83

DEPARTMENT OF TRANSPORTATION: 1509 Buildings **TOTAL SQ FT: 1,973,803** **TOTAL CRV: $247,734,468.10**

MONTANA HERITAGE COMMISSION

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	Dundee's Barber Shop	109 Reeders Alley	HELENA	1884	412	$153,225.13
☐	Frayed Sew	105 Reeders Alley	HELENA	1884	790	$245,734.25
☐	Karmadillos	139 Reeders Alley	HELENA	1884	595	$228,389.13
☐	MHC Offices	101 Reeders Alley (Conference	HELENA	1884	342	$88,177.95
☐	Office	137 Reeders Alley	HELENA	1884	176	$105,520.93
☐	Pavillion RA	114 Reeders Alley	HELENA	1985	544	$39,388.00
☐	Pioneer Cabin	212 S Park	HELENA	1864	598	$157,560.60
☐	Pioneer Caretaker's Cabin	212 S Park	HELENA	1864	1,017	$190,807.13
☐	Residence	121 Reeders Alley	HELENA	1884	632	$221,164.05
☐	Restroom	125 Reeders Alley	HELENA	1884	278	$102,633.48
☐	Stone House Restaurant	120 Reeders Alley	HELENA	1884	3,800	$988,723.73
☐	Storage Shed RA	Reeders Alley - Westside	HELENA	1884	150	$20,235.80
☐	Sustainable Obtainable Solutions	127 Reeders Alley	HELENA	1884	203	$76,610.95
☐	Sustainable Obtainable Solutions 129	129 Reeders Alley	HELENA	1884	180	$41,918.55
☐	Vacant 111	111 Reeders Alley	HELENA	1884	176	$82,390.15
☐	Vacant 113	113 Reeders Alley	HELENA	1884	232	$79,503.78
☐	Vacant 135	135 Reeders Alley	HELENA	1884	176	$88,177.95
☐	Vacant Office - Rental 119	119 Reeders Alley	HELENA	1884	158	$80,948.58
☐	Vacant Office - Rental 123	123 Reeders Alley	HELENA	1884	484	$160,450.20
☐	Western Environmental Center	131 Reeders Alley	HELENA	1884	620	$131,541.30
☐	Applebaum & Crabb Store	Brewery Street #2	VIRGINIA CITY	1870	882	$68,702.18
☐	Arizona Commodities Inc.	Block 153	VIRGINIA CITY	1900	312	$141,493.65
☐	Assay Office	Block 193	VIRGINIA CITY	1946	993	$244,787.18
☐	Assay Office Brewery Street	Brewery Street #3	VIRGINIA CITY	1890	252	$16,988.23
☐	Aunt Julia's House	Block 154	VIRGINIA CITY	1878	917	$261,764.65
☐	Aunt Julia's Outhouse	Block 154	VIRGINIA CITY	1863	27	$4,245.18
☐	Axolotl Lake Cabin	Block 196	VIRGINIA CITY	1900	255	$83,481.28
☐	Bachelor's Cabin	Oriental Avenue (Chinatown) #	VIRGINIA CITY	1870	130	$12,629.10

MONTANA HERITAGE COMMISSION

☐	Bale of Hay Saloon	Block 193	VIRGINIA CITY	1863	2,739	$877,264.50
☐	Barber Shop	Block 193	VIRGINIA CITY	1863	455	$93,387.40
☐	Barber Shop Brewery Street	Brewery Street #5	VIRGINIA CITY	1875	240	$16,388.38
☐	Bell Tower	Wood Street #2 Bldg 11	VIRGINIA CITY	1930	72	$9,770.68
☐	Bickford House	Block 183	VIRGINIA CITY	1864	1,293	$397,600.58
☐	Big Chinese Store	Oriental Avenue (Chinatown) #	VIRGINIA CITY	1870	540	$57,727.50
☐	Big Chinese Store Outhouse	Oriental Avenue (Chinatown) #	VIRGINIA CITY	1910	25	$600.93
☐	Bob Stone Blacksmith Shop	Hill Street #2	VIRGINIA CITY	1880	196	$8,569.90
☐	Bonanza Inn	Block 196	VIRGINIA CITY	1864	2,176	$942,350.38
☐	Bonanza Inn Coalshed	Block 196	VIRGINIA CITY	1920	148	$39,620.20
☐	Boots & Shoes/Photo Shop	Block 193	VIRGINIA CITY	1863	1,172	$253,275.38
☐	Brewery	Block 156	VIRGINIA CITY	1863	4,356	$1,182,892.38
☐	Buford Center Part (Wells Fargo Coffee House)	Block 193	VIRGINIA CITY	1880	8,240	$2,371,444.63
☐	Buford Store	Block 193	VIRGINIA CITY	1875	990	$468,346.33
☐	Cabbage Patch Barn	Block 154	VIRGINIA CITY	1870	234	$26,882.53
☐	Cabbage Patch Outhouse	Block 154, 321A W. WALLACE S	VIRGINIA CITY	1870	33	$4,245.18
☐	Cabbage Patch Outhouse #2	321C W. Wallace Street	VIRGINIA CITY	1870	18	$2,830.48
☐	Cabbage Patch Shed East of Barn	Block 154	VIRGINIA CITY	1870	48	$7,074.58
☐	Cabbage Patch Shed toward street	Block 154	VIRGINIA CITY	1930	88	$8,490.35
☐	Cabbage Patch Shed w/Display	Block 154	VIRGINIA CITY	1870	152	$18,393.25
☐	Cabin 1 (Motel)	Wood Street #1 Bldg 10	VIRGINIA CITY	1950	302	$29,464.68
☐	Cabin 10 (Motel)	Brewery Street #16	VIRGINIA CITY	1950	583	$57,127.65
☐	Cabin 11 & 12 (Motel)	Brewery Street #17	VIRGINIA CITY	1950	492	$48,106.25
☐	Cabin 14	Brewery Street #18	VIRGINIA CITY	1950	291	$28,414.40
☐	Cabin 15 &16 (Motel)	Brewery Street #19	VIRGINIA CITY	1950	640	$62,539.20
☐	Cabin 17 & 18 (Motel)	Brewery Street #20	VIRGINIA CITY	1950	587	$57,427.58
☐	Cabin 2 (Motel)/Mining Office	Wood Street (Highway)	VIRGINIA CITY	1950	381	$37,284.23
☐	Cabin 3 (Motel)	Wood Street #1 Bldg 8	VIRGINIA CITY	1950	287	$28,112.33
☐	Cabin 4 (Motel)	Wood Street #1 Bldg 7	VIRGINIA CITY	1950	334	$32,618.73

MONTANA HERITAGE COMMISSION

☐	Cabin 5 (Motel)	Brewery Street #9	VIRGINIA CITY	1950	420	$41,040.28
☐	Cabin 6 (Motel)	Brewery Street #12	VIRGINIA CITY	1950	375	$36,681.15
☐	Cabin 7 (Motel)	Brewery Street #13	VIRGINIA CITY	1950	226	$22,099.85
☐	Cabin 8 (Motel)	Brewery Street #14	VIRGINIA CITY	1950	408	$39,836.28
☐	Cabin 9 (Motel)	Brewery Street #15	VIRGINIA CITY	1950	347	$33,974.30
☐	Cabin South of Alder	Hill Street #4	VIRGINIA CITY	1865	300	$13,529.95
☐	California Creek Cabin	Hill Street #3	VIRGINIA CITY	1870	418	$14,280.30
☐	Calloway Cabin	California Street #1 Bldg 1	VIRGINIA CITY	1880	210	$15,633.73
☐	Central City Depot	US Hwy 287 Central City #1	VIRGINIA CITY	1920	480	$30,520.33
☐	Central City Motorcar Shed	US Hwy 297 Central City #2	VIRGINIA CITY	1940	96	$3,307.78
☐	Central City Outhouse	US Hwy 287 Central City #3	VIRGINIA CITY	1930	25	$901.93
☐	Charlie Bovey Building	Brewery Street #1	VIRGINIA CITY	1910	660	$63,137.98
☐	Cheap Cash Store	Wood Street #2 Bldg 5	VIRGINIA CITY	1867	706	$1,062.10
☐	Chicken House	California Street #1 Bldg 1	VIRGINIA CITY	1910	54	$2,705.78
☐	Chinatown Smokehouse	Oriental Avenue (Chinatown) #	VIRGINIA CITY	1870	99	$4,060.28
☐	Chinese Grocery	Oriental Avenue (Chinatown) #	VIRGINIA CITY	1870	394	$27,058.83
☐	Chinese Laundry	Oriental Avenue (Chinatown) #	VIRGINIA CITY	1870	315	$22,248.20
☐	Chinese Laundry Outhouse	Oriental Avenue (Chinatown) #	VIRGINIA CITY	1910	25	$600.93
☐	Chinese Temple	Oriental Avenue (Chinatown) #	VIRGINIA CITY	1870	476	$27,813.48
☐	Chris's Outhouse	Wood Street #3 Bldg 10	VIRGINIA CITY	1890	25	$901.93
☐	City Bakery	Block 154	VIRGINIA CITY	1863	619	$270,255.00
☐	Content's Corner & Root Cellar	Block 193	VIRGINIA CITY	1864	4,096	$1,577,660.33
☐	Criterion Hall Livery Stable	Wood Street #2 Bldg 8	VIRGINIA CITY	1950	2,582	$131,541.30
☐	Dance and Stuart Store	Block 154	VIRGINIA CITY	1950	1,260	$357,981.45
☐	Daylight Village Boiler & Restrooms	Block 158	VIRGINIA CITY	1951	426	$103,291.38
☐	Daylight Village Boys' Cabins	Block 158	VIRGINIA CITY	1948	1,148	$282,987.30
☐	Daylight Village Cabins 1 & 2 (North Row)	Block 158	VIRGINIA CITY	1948	545	$222,145.53
☐	Daylight Village Cabins 25 - 28 (South Row)	Block 158	VIRGINIA CITY	1942	1,260	$379,204.10
☐	Daylight Village Cabins 29 - 32 (South Row)	Block 158	VIRGINIA CITY	1942	1,030	$341,002.90

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☐	Daylight Village Cabins 3 & 4	Block 158	VIRGINIA CITY	1948	545	$182,524.25
☐	Daylight Village Cabins 33 - 38	Block 158	VIRGINIA CITY	1942	988	$336,755.58
☐	Daylight Village Cabins 5 & 6	Block 158	VIRGINIA CITY	1948	545	$171,208.80
☐	Daylight Village Cabins 7 & 8	Block 158	VIRGINIA CITY	1948	545	$185,356.88
☐	Daylight Village Cabins 9 & 10	Block 158	VIRGINIA CITY	1948	545	$188,187.35
☐	Daylight Village Girls' Cabins	Block 158	VIRGINIA CITY	1942	1,133	$356,563.53
☐	Daylight Village Office	Block 158	VIRGINIA CITY	1948	409	$120,269.93
☐	Depot Outhouse	Wood Street #3	VIRGINIA CITY	1930	70	$1,501.78
☐	Depuis House	Wood Street #2 Bldg 7	VIRGINIA CITY	1871	608	$54,271.38
☐	Dimsdale School	Byam Street #7	VIRGINIA CITY	1865	224	$9,472.90
☐	Dr. Byam House	Wood Street #1 Bldg 6	VIRGINIA CITY	1863	1,760	$167,469.95
☐	Dr. Dame's House (East)	Block 198	VIRGINIA CITY	1864	628	$237,710.45
☐	Dr. Dame's House (West)	Block 198	VIRGINIA CITY	1864	720	$239,123.00
☐	Dress Shop (Kramer)	Block 154	VIRGINIA CITY	1863	1,007	$285,817.78
☐	DRY BEAN SHED	Block 194	VIRGINIA CITY	1910	211	$16,977.48
☐	Dry Goods Store	Wood Street #2 Bldg 9	VIRGINIA CITY	1890	1,008	$70,355.53
☐	Duck Pond Cabin	Block 196	VIRGINIA CITY	1875	275	$80,650.80
☐	E.L.Smith Store	Block 193	VIRGINIA CITY	1864	1,992	$481,080.78
☐	East Helena Store	Byam Street #4	VIRGINIA CITY	1880	800	$32,470.38
☐	Ebrels Blacksmith Shop	Brewery Street #4	VIRGINIA CITY	1890	1,300	$88,846.60
☐	Edmiston House	Byam Street #5	VIRGINIA CITY	1920	1,616	$75,917.58
☐	Edmiston Outhouse	Byam Street #6	VIRGINIA CITY	1950	36	$901.93
☐	Elling Store	Block 193	VIRGINIA CITY	1946	580	$147,154.60
☐	Fairweather Inn	Block 154	VIRGINIA CITY	1863	7,019	$1,778,582.13
☐	Fayette Harrington House	Block 196	VIRGINIA CITY	1865	673	$161,302.68
☐	Fenner Barn	Wood Street #1 Bldg 11	VIRGINIA CITY	1890	720	$29,164.75
☐	Finney House	Wood Street #3 Bldg 4	VIRGINIA CITY	1863	1,583	$121,319.13
☐	Finney Summer Kitchen	Wood Street #3 Bldg 3	VIRGINIA CITY	1863	552	$30,065.60
☐	Fire Station (VC/NC)	Wood Street #2 Bldg 16	VIRGINIA CITY	1920	189	$8,118.40

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☐	Fire Station Display	Block 193	VIRGINIA CITY	1946	481	$154,228.10
☐	Ford Bovey Barn	402 E. Jefferson Street	VIRGINIA CITY	1895	1,617	$257,518.40
☐	Ford Bovey Cabin	Block 145	VIRGINIA CITY	1932	464	$165,547.85
☐	Ford Bovey Stone House	Block 145	VIRGINIA CITY	1866	2,992	$761,241.90
☐	Ford Shop	402 1/2 E. Jefferson Street	VIRGINIA CITY	1989	1,434	$141,493.65
☐	Ford's Old House	Block 151	VIRGINIA CITY	1870	1,020	$274,500.18
☐	Forest Service Cabin	California Street #2 Bldg 11	VIRGINIA CITY	1910	297	$11,274.60
☐	Gallows Barn	California Street #2 Bldg 10	VIRGINIA CITY	1895	1,280	$48,106.25
☐	George Ives Jail	Wood Street #1 Bldg 12	VIRGINIA CITY	1865	499	$18,191.15
☐	Gift Shop	US Hwy 287 #4	VIRGINIA CITY	1940	610	$52,012.80
☐	Gilbert House	Block 158	VIRGINIA CITY	1864	2,907	$588,616.25
☐	Gov. Meagher House (Grace & Smitty's House)	Block 197	VIRGINIA CITY	1864	644	$246,197.58
☐	Green Front Hotel	Block 194	VIRGINIA CITY	1866	605	$131,590.75
☐	Green Front Restaurant	Block 194	VIRGINIA CITY	1866	612	$188,187.35
☐	Gun Shop	Wood Street #1 Bldg 5	VIRGINIA CITY	1880	154	$9,020.33
☐	Hickman (Fairchild) House	Block 198	VIRGINIA CITY	1890	1,219	$349,491.10
☐	Hickman Shed	Block 198	VIRGINIA CITY	1940	96	$15,564.93
☐	Ice House Behind E.L. Smith Store	Jackson Street & US Hwy 287	VIRGINIA CITY	1950	594	$44,348.05
☐	Insulbrook Outhouse	Brewery Street #6	VIRGINIA CITY	1940	24	$600.93
☐	Iron Rod Cabin	Block 196	VIRGINIA CITY	1865	271	$80,650.80
☐	Iron Rod House	California Street #2 Bldg 7	VIRGINIA CITY	1865	765	$57,277.08
☐	Iron Rod Outhouse	California Street #2 Bldg 9	VIRGINIA CITY	1910	20	$752.50
☐	Iron Rod Post Office	California Street #2 Bldg 1	VIRGINIA CITY	1868	663	$54,869.08
☐	Iron Rod Post Office Outhouse	California Street #2 Bldg 2	VIRGINIA CITY	1950	36	$901.93
☐	J.D.E. Shop	California Street #2 Bldg 8	VIRGINIA CITY	1885	830	$68,702.18
☐	Jewelry Store	Block 154	VIRGINIA CITY	1863	774	$266,007.68
☐	Joe's Cabin	Oriental Avenue (Chinatown) #	VIRGINIA CITY	1890	409	$42,997.85
☐	Joe's Outhouse	Oriental Avenue (Chinatown) #	VIRGINIA CITY	1910	32	$901.93
☐	John Elingson House	Byam Street	VIRGINIA CITY	1880	581	$65,543.83

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☐	Kiskadden Barn	Block 154	VIRGINIA CITY	1878	2,500	$541,923.63
☐	LIGHTNING SPLITTER	Block 196	VIRGINIA CITY	1864	1,311	$372,128.45
☐	Linderman Building	Byam Street #3	VIRGINIA CITY	1880	544	$29,316.33
☐	Little Joe's Cabin	Block 194	VIRGINIA CITY	1875	336	$104,705.00
☐	Little Joe's Outhouse	Block 194	VIRGINIA CITY	1910	82	$16,977.48
☐	Log Cabin with Tin Can Roof	Wood Street #3 Bldg 5	VIRGINIA CITY	1865	272	$10,371.60
☐	Lumber Yard Office	Byam Street #1	VIRGINIA CITY	1880	546	$28,561.68
☐	McFarland Curatorial Center	Curatorial Addition to Townsite	VIRGINIA CITY	1999	6,630	$1,453,628.98
☐	McGovern Barn	Block 154	VIRGINIA CITY	1863	653	$93,387.40
☐	McGovern Store	Block 154	VIRGINIA CITY	1863	781	$223,563.45
☐	Methodist Church	Block 198	VIRGINIA CITY	1875	1,639	$993,288.18
☐	Mining Office	Wood Street (Highway)	VIRGINIA CITY	1870	72	$4,210.78
☐	Miss Lilly's Cabin	Wood Street #3 Bldg 2	VIRGINIA CITY	1865	195	$12,477.53
☐	Miss Murphy's Cabin	Wood Street #3 Bldg 1	VIRGINIA CITY	1870	256	$16,236.80
☐	Molinary Shop	Wood Street #2 Bldg 3	VIRGINIA CITY	1871	1,000	$75,469.30
☐	Montana Post & Stone Print Shop	Block 155	VIRGINIA CITY	1863	1,881	$315,530.78
☐	Motor Car Shed	Block 194	VIRGINIA CITY	1920	110	$24,054.20
☐	Motor Car Shed by Depot	Wood Street #4	VIRGINIA CITY	1930	117	$3,759.28
☐	Motor Car Shed by Roundhouse	US Hwy 287 #1	VIRGINIA CITY	1940	120	$4,660.13
☐	Music Hall VC	Wood Street #2 Bldg 13	VIRGINIA CITY	1912	3,000	$202,950.33
☐	Mutt Dixon House (Costume Shack)	Block 193	VIRGINIA CITY	1870	846	$240,540.93
☐	Mutt Dixon Shed	Block 193	VIRGINIA CITY	1910	80	$9,903.98
☐	Nevada City Depot	Wood Street #1	VIRGINIA CITY	1999	2,031	$19,242.50
☐	Nevada City Depot Restrooms	Wood Street #2	VIRGINIA CITY	2008	512	$36,766.08
☐	Nevada City Emporium	Wood Street #1 Bldg 4	VIRGINIA CITY	1880	1,085	$84,484.25
☐	Nevada City Engine House	US Hwy 287 #2	VIRGINIA CITY	1999	3,532	$173,182.50
☐	Nevada City Fire Station Display	Brewery Street #8	VIRGINIA CITY	1890	680	$29,615.18
☐	Nevada City Hotel, Front & Back Sections	Wood Street #2 Bldg 14	VIRGINIA CITY	1865	7,328	$611,550.30
☐	Nevada City Outhouse	Wood Street #2 Bldg 6	VIRGINIA CITY	1920	20	$752.50

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☐	Nevada City Outhouse (2 Story)	Wood Street #2 Bldg 15	VIRGINIA CITY	1890	64	$2,255.35
☐	Nevada City School	California Street #2 Bldg 3	VIRGINIA CITY	1867	394	$32,618.73
☐	Nevada City School Outhouse - Boys	California Street #2 Bldg 6	VIRGINIA CITY	1940	25	$600.93
☐	Nevada City School Outhouse - Girls	California Street #2 Bldg 4	VIRGINIA CITY	1940	25	$600.93
☐	Nevada City Ship Shed	US Hwy 287 Bldg 3	VIRGINIA CITY	1975	416	$12,028.18
☐	New Pumphouse	Hill Street #5	VIRGINIA CITY	1997	63	$1,803.85
☐	North Jack Taylor Cabin	Block 196	VIRGINIA CITY	1864	660	$199,508.18
☐	Nunnery	Block 196	VIRGINIA CITY	1876	972	$256,105.85
☐	Oil Stove Shed	Wood Street #3 Bldg 11	VIRGINIA CITY	1940	81	$1,501.78
☐	Old House	Block 153	VIRGINIA CITY	1920	231	$67,917.43
☐	Old Pumphouse	Hill Street #1	VIRGINIA CITY	1950	28	$752.50
☐	Old Shop Outhouse	Oriental Avenue (Chinatown) #	VIRGINIA CITY	1910	25	$901.93
☐	Opera House Inc. Stage	Block 193	VIRGINIA CITY	1895	4,209	$1,547,948.40
☐	Opera House Scenery Shed	Block 193	VIRGINIA CITY	1995	324	$25,471.05
☐	Opera House Shop	Block 193	VIRGINIA CITY	1949	330	$25,471.05
☐	Opium Den	Oriental Avenue (Chinatown) #	VIRGINIA CITY	1870	285	$15,633.73
☐	Original Brewery Dugout	Block 147	VIRGINIA CITY	1863	432	$89,142.23
☐	Outhouse behind Cabin 5	Brewery Street #11	VIRGINIA CITY	1940	20	$600.93
☐	Peterson Cabin	Wood Street (Highway)	VIRGINIA CITY	1870	448	$24,204.70
☐	Peterson Outhouse	Wood Street (Highway)	VIRGINIA CITY	1910	22	$752.50
☐	Peterson Shed	Wood Street (Highway)	VIRGINIA CITY	1910	90	$2,857.35
☐	Pitman Gas Station & Shed	Block 154	VIRGINIA CITY	1919	593	$99,046.20
☐	Player's Bath House	Block 196	VIRGINIA CITY	1946	454	$192,431.45
☐	Pottery Shop	Block 158	VIRGINIA CITY	1920	714	$241,955.63
☐	Prasch Blacksmith Shop	Block 193	VIRGINIA CITY	1863	1,076	$233,466.35
☐	Public Restrooms	Wood Street #1 Bldg 2	VIRGINIA CITY	1975	63	$9,020.33
☐	Rear of Dry Goods Store	Wood Street #2 Bldg 10	VIRGINIA CITY	1890	388	$24,204.70
☐	Rehearsal Hall	Block 196	VIRGINIA CITY	1948	2,566	$420,237.93
☐	Richards Cabin	Wood Street #2 Bldg 1	VIRGINIA CITY	1865	514	$30,967.53

MONTANA HERITAGE COMMISSION

☐	Richards Outhouse	Wood Street #2 Bldg 2	VIRGINIA CITY	1880	16	$600.93
☐	Richards Shed	Wood Street #2 Bldg 4	VIRGINIA CITY	1865	192	$4,811.70
☐	Ron Abbie Cabin	Block 197	VIRGINIA CITY	1864	341	$149,984.00
☐	Root Cellar	217 1/2 S. Jackson Street	VIRGINIA CITY	1864	48	$5,657.73
☐	Ruby Cabin	Block 196	VIRGINIA CITY	1905	434	$116,025.83
☐	Sadie Marr House	204 W. Idaho Street	VIRGINIA CITY	1863	787	$137,247.40
☐	Sauerbier Blacksmith Shop	Block 193	VIRGINIA CITY	1863	1,581	$232,049.50
☐	School House Cabin	Block 196	VIRGINIA CITY	1890	438	$118,853.08
☐	Sedman House	Wood Street #3 Bldg 9	VIRGINIA CITY	1873	2,016	$210,918.23
☐	Sedman Outhouse	Wood Street #3 Bldg 8	VIRGINIA CITY	1920	25	$901.93
☐	Shed Behind Cabin 5	Brewery Street #10	VIRGINIA CITY	1910	39	$1,202.93
☐	Sheriff's Office	California Street #2 Bldg 5	VIRGINIA CITY	1890	783	$52,916.88
☐	Shingle Shed	Block 193	VIRGINIA CITY	1960	160	$15,564.93
☐	Shoemaker's Shop	California Street #1 Bldg 3	VIRGINIA CITY	1880	255	$19,092.00
☐	Shop Outhouse and Oil Shed	Byam Street #2	VIRGINIA CITY	1940	36	$3,005.70
☐	Sim Ferguson Cabin	Block 152	VIRGINIA CITY	1870	330	$94,799.95
☐	Small Frame Shed in Finney Yard	Wood Street #3 Bldg 7	VIRGINIA CITY	1865	156	$4,359.13
☐	Small Log Cabin in Finney Yard	Wood Street #3 Bldg 6	VIRGINIA CITY	1863	168	$16,236.80
☐	Small Red Building on Railroad West Side of Gulch	Curatorial Addition to Townsite	VIRGINIA CITY	1930	89	$14,150.23
☐	Small Shed by House	Block 183	VIRGINIA CITY	1925	200	$19,807.95
☐	Smitty's Coal Shed	Block 197	VIRGINIA CITY	1920	114	$11,319.75
☐	Smitty's Garage	Block 197	VIRGINIA CITY	1920	552	$49,522.03
☐	South Jack Taylor Cabin	Block 196	VIRGINIA CITY	1864	539	$169,795.18
☐	Star Bakery	Wood Street #1 Bldg 1	VIRGINIA CITY	1864	1,008	$90,198.95
☐	Star Bakery Patio	Wood Street #1 Bldg 3	VIRGINIA CITY	1950	317	$19,993.93
☐	Stone Cellar (Ruins)	Block 145	VIRGINIA CITY	1870	-00	$55,693.60
☐	Sullivan Saddlery	Brewery Street #7	VIRGINIA CITY	1865	590	$40,289.93
☐	Sun River Jail	Wood Street #2 Bldg 12	VIRGINIA CITY	1875	228	$7,967.90
☐	Switzer House	California Street #1 Bldg 5	VIRGINIA CITY	1863	968	$80,127.28

MONTANA HERITAGE COMMISSION

☐	Switzer Outhouse	California Street #1 Bldg 4	VIRGINIA CITY	1940	25	$901.93
☐	Tack Shed	Block 145	VIRGINIA CITY	1960	90	$11,319.75
☐	Thexton House	Block 153	VIRGINIA CITY	1870	1,174	$309,871.98
☐	Tin Clad	Block 154	VIRGINIA CITY	1870	114	$12,733.38
☐	Tin Shed	Block 156	VIRGINIA CITY	1930	180	$24,054.20
☐	Tiny Sheridan Log Cabin	California Street #2 Bldg 12	VIRGINIA CITY	1880	196	$9,770.68
☐	Tobacco Shop	Block 154	VIRGINIA CITY	1863	357	$117,439.45
☐	Toy Store	Block 154	VIRGINIA CITY	1863	1,008	$346,661.70
☐	Toy Store 2-Story Outhouse	Block 154	VIRGINIA CITY	1930	54	$11,319.75
☐	Toy Store Outhouse	Block 154	VIRGINIA CITY	1940	30	$5,657.73
☐	Variety Store	Block 193	VIRGINIA CITY	1864	722	$224,974.93
☐	Virginia City Depot	Block 194	VIRGINIA CITY	1895	1,445	$389,108.08
☐	Virginia City Depot Restrooms	Block 194	VIRGINIA CITY	1970	60	$32,543.48
☐	Virginia City Information Center and Gas Station	225 East Wallace Street Virgini	VIRGINIA CITY	2019	2,600	$378,731.10
☐	Virginia City Trading Co.	Block 193	VIRGINIA CITY	1946	788	$213,658.40
☐	Virginia City/Nevada City	Virginia City/Nevada City	VIRGINIA CITY		-00	$0.00
☐	Wagon Shop	California Street #1 Bldg 6	VIRGINIA CITY	1911	6,000	$345,765.15
☐	Wells Fargo Display	Block 193	VIRGINIA CITY	1863	417	$99,046.20
☐	Weston Hotel	Block 154	VIRGINIA CITY	1863	398	$203,752.28
☐	White Building	Block 196	VIRGINIA CITY	1920	295	$49,522.03
☐	White Building Outhouse	Block 196	VIRGINIA CITY	1920	25	$5,657.73
☐	Wonderly Cabin	California Street #2 Bldg 13	VIRGINIA CITY	1880	150	$21,948.28

MONTANA HERITAGE COMMISSION: 253 Buildings **TOTAL SQ FT: 193,888** **TOTAL CRV: $38,959,167.45**

MONTANA HISTORICAL SOCIETY

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	Moss Mansion	914 Division Street	BILLINGS	1902	12,311	$6,684,999.30
☐	Visitor's Pavillion, Moss Mansion	914 Division Street	BILLINGS	2002	528	$255,565.13
MONTANA HISTORICAL SOCIETY: 2 Buildings			**TOTAL SQ FT:**	**12,839**	**TOTAL CRV:**	**$6,940,564.43**

OFFICE OF PUBLIC INSTRUCTION

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	MLC 7631	7631 Canyon Ferry Road	HELENA	1950	1,592	$65,554.58
☑	MLC 7631 S	7631 Canyon Ferry Road	HELENA	1950	130	$5,352.43
☑	MLC 7633	7633 Canyon Ferry Road	HELENA	1950	1,592	$37,735.73
☑	MLC 7633 S	7633 Canyon Ferry Road	HELENA	1950	130	$5,352.43
☑	MLC 7635	7635 Canyon Ferry Road	HELENA	1950	1,592	$3,080.95
☑	MLC 7635 S	7635 Canyon Ferry Road	HELENA	1950	130	$5,352.43
☑	MLC 7637	7637 Canyon Ferry Road	HELENA	1950	1,592	$37,735.73
☑	MLC 7637 S	7637 Canyon Ferry Road	HELENA	1950	130	$5,352.43
☑	MLC 7639	7639 Canyon Ferry Road	HELENA	1950	1,592	$37,735.73
☑	MLC 7639 S	7639 Canyon Ferry Road	HELENA	1950	130	$5,352.43
☑	MLC 7641	7641 Canyon Ferry Road	HELENA	1950	1,592	$37,735.73
☑	MLC 7641 S	7641 Canyon Ferry Road	HELENA	1950	130	$5,352.43
☑	MLC 7643	7643 Canyon Ferry Road	HELENA	1950	1,592	$68,084.05
☑	MLC 7643 S	7643 Canyon Ferry Road	HELENA	1950	130	$5,352.43
☑	MLC 7645	7645 Canyon Ferry Road	HELENA	1950	1,592	$37,735.73
☑	MLC 7645 S	7645 Canyon Ferry Road	HELENA	1950	130	$5,352.43
☑	MLC 7646	7646 Canyon Ferry Road	HELENA	1950	1,704	$40,392.05
☑	MLC 7646 S	7646 Canyon Ferry Road	HELENA	1950	130	$5,352.43
☑	MLC 7647	7647 Canyon Ferry Road	HELENA	1950	1,704	$40,392.05
☑	MLC 7647 S	7647 Canyon Ferry Road	HELENA	1950	130	$5,352.43
☑	MLC 7651	7651 Canyon Ferry Road	HELENA	1950	1,704	$40,392.05
☑	MLC 7651 S	7651 Canyon Ferry Road	HELENA	1950	130	$5,352.43
☑	MLC 7653	7653 Canyon Ferry Road	HELENA	1950	1,704	$40,392.05
☑	MLC 7653 S	7653 Canyon Ferry Road	HELENA	1950	130	$5,352.43
☑	MLC 7655	7655 Canyon Ferry Road	HELENA	1950	1,704	$40,392.05
☑	MLC 7655 S	7655 Canyon Ferry Road	HELENA	1950	130	$5,352.43
☑	MLC 7657	7657 Canyon Ferry Road	HELENA	1950	1,704	$40,392.05
☑	MLC 7657 S	7657 Canyon Ferry Road	HELENA	1950	130	$5,352.43

OFFICE OF PUBLIC INSTRUCTION

☑	MLC 7659	7659 Canyon Ferry Road	HELENA	1950	1,704	$40,392.05
☑	MLC 7659 S	7659 Canyon Ferry Road	HELENA	1950	130	$5,352.43
☑	MT DRIVE Classroom Building	1500 Raceway Dr., Lewistown,	LEWISTOWN	2016	698	$68,981.68
OFFICE OF PUBLIC INSTRUCTION: 31 Buildings			**TOTAL SQ FT:**	**27,312**	**TOTAL CRV:**	**$757,410.60**

PUBLIC HEALTH & HUMAN SERVICES

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Helena - Commodity Warehouse	1400 Carter Drive	HELENA	1996	44,301	$3,679,659.43
PUBLIC HEALTH & HUMAN SERVICES: 1 detail record			**TOTAL SQ FT:**	**44,301**	**TOTAL CRV:**	**$3,679,659.43**

PUBLIC HEALTH & HUMAN SERVICES, INTENSIVE BEHAVIOR CENTER/BOULDER CAMPUS

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	ASU ADMINISTRATION	310 4TH AVENUE	BOULDER	2007	3,000	$974,808.93
☑	Building 104 Complex	310 East 4th Avenue	BOULDER	1950	35,909	$1,091,154.03
☑	HOME 4 BED ASU A	310 4TH AVENUE	BOULDER	2007	2,000	$649,872.98
☑	HOME 4 BED ASU B	310 4TH AVENUE	BOULDER	2007	2,000	$649,872.98
☑	HOME 4 BED ASU C	310 4TH AVENUE	BOULDER	2007	2,000	$649,872.98
☑	Laundry BLDG 13	310 4th Avenue	BOULDER	1996	1,668	$218,333.58
PUBLIC HEALTH & HUMAN SERVICES, INTENSIVE BEHAVIOR CENTER/BOULDER CAMPUS: 6 Buildings			**TOTAL SQ FT:**	**46,577**	**TOTAL CRV:**	**$4,233,915.45**

PUBLIC HEALTH & HUMAN SERVICES, MENTAL HEALTH NURSING CARE CENTER

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Gazebo	800 Casino Creek Drive	LEWISTOWN	1994	950	$72,145.40
☑	Main Building & Addition	800 Casino Creek Drive	LEWISTOWN	1952	76,707	$20,354,362.83
☑	Pavillion	800 Casino Creek Drive	LEWISTOWN	2011	900	$66,483.38
☑	South Carport	800 Casino Creek Drive	LEWISTOWN	2015	119	$4,856.85
☑	Steel Storage Building	800 Casino Creek Drive	LEWISTOWN		220	$2,541.30
☑	Storage shed 2400	800 Casino Creek Drive	LEWISTOWN	2020	2,400	$89,641.03
☑	Storage Shed 450	800 Casino Creek Drive	LEWISTOWN		450	$18,913.55
☑	Three-Stall Garage	800 Casino Creek Drive	LEWISTOWN		864	$46,797.98
☑	Two-Stall Garage	800 Casino Creek Drive	LEWISTOWN		880	$47,662.28
☑	West Carport	800 Casino Creek Drive	LEWISTOWN	2015	496	$20,241.18
PUBLIC HEALTH & HUMAN SERVICES, MENTAL HEALTH NURSING CARE CENTER: 10 Buildings			**TOTAL SQ FT:**	**83,986**	**TOTAL CRV:**	**$20,723,645.75**

PUBLIC HEALTH & HUMAN SERVICES, SOUTHWEST MONTANA VETERANS' HOME

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	SOUTHWESTERN MONTANA VETERANS HOME COMMUNITY CENTER	65 VETERANS CIRCLE	BUTTE	2021	9,225	$3,436,140.75
☐	SOUTHWESTERN MONTANA VETERANS HOME COTTAGE 1	65 VETERANS CIRCLE #28	BUTTE	2021	9,963	$4,748,357.78
☐	SOUTHWESTERN MONTANA VETERANS HOME COTTAGE 2	65 VETERANS CIRCLE #62	BUTTE	2021	9,963	$4,748,357.78
☐	SOUTHWESTERN MONTANA VETERANS HOME COTTAGE 3	65 VETERANS CIRCLE #94	BUTTE	2021	9,963	$4,748,357.78
☐	SOUTHWESTERN MONTANA VETERANS HOME COTTAGE 4	65 VETERANS CIRCLE #106	BUTTE	2021	9,963	$4,748,357.78
☐	SOUTHWESTERN MONTANA VETERANS HOME COTTAGE 5	65 VETERANS CIRCLE #110	BUTTE	2021	9,963	$4,748,357.78
☐	SOUTHWESTERN MONTANA VETERANS HOME ELECTRICAL SHED	65 VETERANS CIRCLE	BUTTE	2021	280	$112,875.00
☐	SOUTHWESTERN MONTANA VETERANS HOME MAINTENANCE BUILDING/	65 VETERANS CIRCLE	BUTTE	2021	2,196	$195,650.00
PUBLIC HEALTH & HUMAN SERVICES, SOUTHWEST MONTANA VETERANS' HOME: 8 Buildings			**TOTAL SQ FT:**	**61,516**	**TOTAL CRV:**	**$27,486,454.63**

PUBLIC HEALTH & HUMAN SERVICES, STATE HOSPITAL

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Administration	58 Garnet Way	WARM SPRINGS	1919	5,214	$704,493.73
☑	Administrative Annex	58 Garnet Way	WARM SPRINGS	1919	19,652	$5,220,692.35
☑	Chapel/Office	108 Garnet Way	WARM SPRINGS	2011	1,998	$465,222.38
☑	Chemical & Pesticide Storage	300 Garnet Way	WARM SPRINGS	1957	150	$7,305.70
☑	Doctors Residence No. 41	65 Mystic Way	WARM SPRINGS	1966	1,664	$87,554.45
☑	Doctors Residence No. 42	51 Mystic WAy	WARM SPRINGS	1966	1,664	$87,554.45
☑	Duplex No. 13	87 Mistic Way	WARM SPRINGS	1958	4,920	$113,545.80
☑	Duplex No. 14	117 Mistic Way	WARM SPRINGS	1958	4,920	$113,545.80
☑	Duplex No. 17	171 Mistic Way	WARM SPRINGS	1958	2,158	$113,545.80
☑	Duplex No. 18	179 Mistic Way	WARM SPRINGS	1958	2,158	$113,545.80
☑	Duplex No. 19	5 Hidden Way	WARM SPRINGS	1949	4,920	$258,872.90
☑	Electric Shop	319 Orofino Way	WARM SPRINGS	1951	3,600	$182,384.50
☑	Garage for Mickleberry House	389G Trapper Way	WARM SPRINGS		575	$31,144.90
☑	Garage for Residence D-E-F	174 Garrity Way	WARM SPRINGS	1938	792	$42,901.10
☑	Garage for Residence G	100G Mount Evans Way	WARM SPRINGS		384	$20,799.10
☑	Garage for Residence H	102G Mount Evans Way	WARM SPRINGS	1936	484	$26,216.03
☑	Greenhouse 1200	89 Garrity Way	WARM SPRINGS	2012	1,200	$160,004.08
☑	Johnson House Group Home	137 Mistic Way	WARM SPRINGS	1958	2,158	$113,545.80
☑	Loafing Shed (vacant)	356 Trapper Way	WARM SPRINGS		1,200	$60,794.48
☑	Maintenance Office	317 Orofino Way	WARM SPRINGS	1945	8,324	$599,252.30
☑	McColllum House Group Home	30 Garrity Way	WARM SPRINGS	1915	4,242	$223,199.03
☑	McCollum House Garage	30 Garrity Way	WARM SPRINGS		264	$14,298.58
☑	Mechanics Shop	77 Emerald Way	WARM SPRINGS	1958	1,320	$71,498.25
☑	Mickleberry House	389 Trapper Way	WARM SPRINGS	1918	1,936	$101,863.78
☑	Mound Cover	79 Orofino Way	WARM SPRINGS		520	$6,004.95
☑	MT Haggin Group Home	45 Hidden Way	WARM SPRINGS	1949	2,158	$258,872.90
☑	New Carpenter Shop	246 Trapper Way	WARM SPRINGS	1951	4,200	$212,781.20
☑	New Heating Plant	203 Trapper Way	WARM SPRINGS	1970	5,040	$1,242,945.10

PUBLIC HEALTH & HUMAN SERVICES, STATE HOSPITAL

☑	New Hospital	100 Garnet Way	WARM SPRINGS	2000	85,863	$34,404,957.90
☑	Old Carpenter/Paint Shop	289 Trapper Way	WARM SPRINGS	1912	8,348	$429,286.20
☑	Paint Shop	318 Orofino Way	WARM SPRINGS	1951	3,600	$182,384.50
☑	Pintlar Lodge	290 Oxbow Way	WARM SPRINGS	1970	6,547	$908,966.25
☑	Plumbing Shop	319 Orofino Way	WARM SPRINGS	1951	3,600	$182,384.50
☑	Plumbing Storage No. 3	356 Trapper Way	WARM SPRINGS	1916	540	$27,358.75
☑	Pump House & Well No. 2	100 Garnet Way	WARM SPRINGS	1957	240	$12,160.40
☑	Recovery Center	32 Trapper Way	WARM SPRINGS	1971	16,953	$2,724,278.98
☑	Residence D	164 Garrity Way	WARM SPRINGS	1908	1,250	$65,772.80
☑	Residence E	191 Garrity Way	WARM SPRINGS	1917	1,537	$80,870.10
☑	Residence F	205 Garrity Way	WARM SPRINGS	1917	1,537	$80,870.10
☑	Residence G	100 Mt Evans Way	WARM SPRINGS	1920	2,310	$121,544.88
☑	Residence H	102 Mt Evans Way	WARM SPRINGS	1920	1,650	$78,149.28
☑	Spratt Building 219	351 Fleecer Way	WARM SPRINGS	1976	15,410	$4,341,851.90
☑	Storage Shed 120	100 Garnet Way	WARM SPRINGS	1952	120	$6,080.20
☑	Storage Shed 504	100 Garnet Way	WARM SPRINGS	1950	504	$25,535.55
☑	Teamster Garage	69 Emerald Way	WARM SPRINGS	1918	5,000	$270,825.83
☑	Theraputic Learning Center	156 Garnet Way	WARM SPRINGS	1951	20,531	$4,280,366.20
☑	Warehouse No. 3 L.G.W.	356 Trapper Way	WARM SPRINGS	1937	1,722	$87,241.63
☑	Whse/Maintenance/Food/Paper	89 Orofino Way	WARM SPRINGS	1956	14,000	$210,465.65

PUBLIC HEALTH & HUMAN SERVICES, STATE HOSPITAL: 48 Buildings **TOTAL SQ FT: 279,077** **TOTAL CRV: $59,175,736.78**

PUBLIC HEALTH & HUMAN SERVICES, VETERANS' HOME - COLUMBIA FALLS

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	Dairy Barn	400 Veterans Dr.	COLUMBIA FALLS	1921	4,128	$201,091.65
☐	Heating Plant (not used)	598 Veteran Drive	COLUMBIA FALLS	1924	2,640	$214,162.58
☐	Laundry - Carpenter Shop	600 Veteran Drive	COLUMBIA FALLS	1940	1,080	$87,612.50
☐	New Garage	588 Veteran Drive	COLUMBIA FALLS	1999	2,025	$109,682.25
☐	Nursing Home & Dom &Special Care Unit 69-73-84-02	400 Veterans Dr.	COLUMBIA FALLS	1970	70,065	$17,073,569.25
☐	Original Old Main Building (NOT USED)	596 Veteran Drive	COLUMBIA FALLS	1896	14,329	$2,546,181.58
☐	Plumbing Shop/Garage/Storage	400 Veterans Dr.	COLUMBIA FALLS	1978	2,400	$36,079.15
☐	Red Garage/Storage	594 Veteran Drive	COLUMBIA FALLS	1951	1,920	$93,530.38
☐	Service Building	580 Veteran Drive	COLUMBIA FALLS	1917	5,806	$1,172,596.03
☐	Superintendent's Cottage	586 Veteran Drive	COLUMBIA FALLS	1899	2,100	$353,735.20
PUBLIC HEALTH & HUMAN SERVICES, VETERANS' HOME - COLUMBIA FALLS: 10 Buildings			**TOTAL SQ FT:**	**106,493**	**TOTAL CRV:**	**$21,888,240.55**

PUBLIC HEALTH & HUMAN SERVICES, VETERANS' HOME - GLENDIVE

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	Eastern Montana Veteran's Home	2000 Montana Avenue	GLENDIVE	1995	49,340	$11,231,680.63
☐	Garage	2000 Montana Ave	GLENDIVE	1995	2,530	$315,250.20
PUBLIC HEALTH & HUMAN SERVICES, VETERANS' HOME - GLENDIVE: 2 Buildings			**TOTAL SQ FT:**	**51,870**	**TOTAL CRV:**	**$11,546,930.83**

STATE FUND

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	Montana State Fund Building	855 Front Street	HELENA	2010	117,203	$35,576,757.35
☐	Out of State Employees	Private Residences	HELENA		-00	$0.00
STATE FUND: 2 Buildings			**TOTAL SQ FT:**	**117,203**	**TOTAL CRV:**	**$35,576,757.35**

UNIVERSITY SYSTEM, GREAT FALLS COLLEGE MSU

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	Child Care Center Large Storage Shed	1900 23rd St S	GREAT FALLS	2013	143	$9,978.15
☑	Child Care Center Main Building	1900 23rd St South	GREAT FALLS	2012	6,455	$1,682,732.98
☐	Child Care Center Small Storage Shed	1900 23rd St S	GREAT FALLS	2013	68	$4,989.08
☐	Garden Shed	2100 16th Ave S	GREAT FALLS		200	$7,507.80
☑	Main Building	2100 16th Ave S	GREAT FALLS	1976	191,200	$45,274,955.85
☑	Mobile Welding Lab	2100 16th Ave S	GREAT FALLS	2015	315	$48,875.95
☑	Storage	2100 16th Ave S	GREAT FALLS	2004	2,000	$150,332.30
☐	Storage Shed--Carpentry	2100 16th Ave S	GREAT FALLS		320	$13,176.28
☐	Storage Shed--Welding	2100 16th Ave S	GREAT FALLS		320	$13,176.28
☑	Trades Building	2100 16th Ave S	GREAT FALLS	2008	11,818	$4,268,244.50
UNIVERSITY SYSTEM, GREAT FALLS COLLEGE MSU: 10 Buildings			**TOTAL SQ FT:**	**212,839**	**TOTAL CRV:**	**$51,473,969.15**

UNIVERSITY SYSTEM, HELENA COLLEGE UM

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Donaldson Building	1115 North Roberts	HELENA	1967	90,163	$21,519,619.83
☑	Helena College of Technology Airport Campus	2300 Airport Rd.	HELENA	1975	86,694	$20,911,548.23
☑	Maintenance Shop	1115 North Sanders	HELENA	2001	1,080	$125,016.05
☑	Rental Property #1	1509 Livingston	HELENA	1974	1,440	$86,593.40
☑	Rental Property #2	1534 Townsend Ave.	HELENA	1938	1,450	$83,840.33
☑	Rental Property #3	1121 Sanders Street	HELENA	1975	3,576	$438,725.78
☑	Rental Property #4	1514 Townsend Avenue	HELENA	1953	1,164	$49,336.05
☑	Rental Property #5	1515 Livingston Ave, Helena M	HELENA	1976	2,128	$82,959.90
☑	Storage Building	2300 Airport Rd.	HELENA	2000	6,000	$303,971.30
☑	Truck/Ag/Welding/Storage	2300 Airport Rd.	HELENA	1999	2,304	$116,726.73
UNIVERSITY SYSTEM, HELENA COLLEGE UM: 10 Buildings			**TOTAL SQ FT:**	**195,999**	**TOTAL CRV:**	**$43,718,337.58**

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BILLINGS

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	3009 Yucca Rental House	3009 Yucca	BILLINGS	1948	1,783	$0.00
☐	415 Highland Park Rental House	415 Highland Park	BILLINGS	1966	2,824	$297,077.33
☐	424 Rimrock Rental	424 Rimrock Rd	BILLINGS	1941	1,550	$70,287.80
☐	Apsaruke Hall	1500 University Drive	BILLINGS	1957	20,275	$5,193,631.38
☑	Art Annex	1500 University Drive	BILLINGS	1960	5,886	$1,050,376.05
☐	Chancellor's Residence - 432 Silver	432 Silver	BILLINGS	1968	4,372	$230,039.25
☑	Cisel Hall	1500 University Drive	BILLINGS	1951	38,962	$10,064,767.05
☑	City College - New Health Sciences Bldg	3803 Central Ave.	BILLINGS	2007	47,115	$14,275,424.88
☑	City College - Technology Building	3803 Central Avenue	BILLINGS	1987	139,057	$24,268,098.13
☑	College of Education Building	1500 University Drive	BILLINGS	1972	96,502	$25,439,897.58
☐	KEMC Radio Station - 406 Marbara Lane	406 Marbara Lane	BILLINGS	1970	3,489	$388,911.35
☑	Liberal Arts Building	1500 University Drive	BILLINGS	1970	96,746	$22,294,735.68
☑	Library Classroom Building	1500 University Drive	BILLINGS	1968	85,801	$20,479,190.75
☑	McMullen Hall	1500 University Drive	BILLINGS	1935	53,891	$12,727,280.83
☐	Parking Garage & Sky Bridge (sprinklered)	1500 University Drive	BILLINGS	1998	177,160	$12,445,428.73
☐	Petro/Rimrock/SUB Complex	1500 University Drive	BILLINGS	1962	273,692	$58,158,638.43
☑	Phys Plant - 324 N Rim Terr	2907 Yucca St.	BILLINGS	1979	16,705	$2,250,568.40
☑	Physical Ed Building	1500 University Drive	BILLINGS	1961	105,395	$19,946,351.95
☐	Poly Building	1500 University Drive	BILLINGS	1988	4,263	$493,466.93
☐	Rental 2722 Normal Avenue	2722 Normal Avenue	BILLINGS	1936	2,097	$89,680.80
☐	Rental House - 245 N. Rim Road	245 N. Rim Rd	BILLINGS		3,356	$169,788.73
☐	Rental House - 2517 Virginia Lane	2517 Virginia Lane	BILLINGS	1951	1,500	$81,293.65
☐	Rental House - 2601 Virginia Lane	2601 Virginia Lane	BILLINGS	1955	2,795	$151,473.95
☐	Rental House - 2603 Virginia Lane	2603 Virginia Lane	BILLINGS	1953	1,480	$80,208.98
☐	Rental House - 2608 Normal	2608 Normal	BILLINGS	1945	2,363	$263,154.63
☐	Rental House - 2611 Virginia Lane	2611 Virginia Lane	BILLINGS	1950	2,183	$118,306.98
☐	Rental House - 2613 Virginia Lane	2613 Virginia Lane	BILLINGS	1963	2,606	$141,231.35
☐	Rental House - 2622 Normal	2622 Normal	BILLINGS	1950	1,454	$73,562.25

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BILLINGS

☐	Rental House - 2718 Normal	2718 Normal	BILLINGS	1937	1,512	$81,944.03
☐	Rental House - 307 N. Rim Road	307 N. Rim Rd	BILLINGS	1953	2,200	$126,723.15
☐	Rental House - 327 N. Rim Road	327 N. Rim Rd	BILLINGS	1952	2,310	$133,058.13
☐	Rental House - 339 N. Rim Road	339 N. Rim Rd	BILLINGS		3,189	$183,693.85
☐	Rental House - 343 N. Rim Road	343 N. Rim Rd	BILLINGS	1945	1,287	$69,749.23
☐	Rental House - 349 N. Rim Road	349 N. Rim Rd	BILLINGS	1949	576	$31,216.93
☐	Rental House - 405 Marbara Lane	405 Marbara Lane	BILLINGS	1955	1,000	$54,195.05
☐	Rental House - 410 Silver Lane	410 Silver Lane	BILLINGS	1960	1,785	$102,818.38
☐	Rental House - 411 Highland Park	411 Highland Park	BILLINGS	1964	2,676	$145,025.03
☐	Rental House - 416 Rimrock Road	416 Rimrock Rd	BILLINGS	1973	1,040	$59,906.53
☐	Rental House - 417 Silver Lane	417 Silver Lane	BILLINGS	1947	1,736	$102,997.90
☐	Rental House - 420 Rimrock Road	420 Rimrock Rd	BILLINGS	1951	1,148	$62,214.55
☐	Rental House - 421 Silver Lane	421 Silver Lane	BILLINGS	1976	3,015	$163,397.85
☐	Rental House - 424 Silver Lane	424 Silver Lane	BILLINGS	1950	2,485	$134,672.78
☐	Rental House - 425 Marbara Lane	425 Marbara Lane	BILLINGS	1957	1,800	$97,551.95
☐	Rental House - 439 Silver Lane	439 Silver Lane	BILLINGS	1948	1,550	$84,001.58
☐	Rental House - 445 Silver Lane	445 Silver Lane	BILLINGS	1963	2,356	$127,683.13
☐	Rental House/Alumni House - 2712 Normal	2712 Normal	BILLINGS	1930	2,237	$113,176.00
☐	Rental House/NAAC - 2630 Normal	2630 Normal	BILLINGS	1936	4,000	$202,371.98
☐	Rental House-Foundation - 2615 Virginia Ln	2615 Virginia Lane	BILLINGS	1948	2,958	$362,907.10
☐	Softball Field Press Box	1500 University Drive	BILLINGS	2015	200	$1,711.40
☐	Storage Shed	3803 Central Avenue	BILLINGS		800	$0.00
☐	Town home (student housing) Fourplex 2A & 2B	32 Mountain View	BILLINGS	1999	3,616	$565,956.33
☐	Town home (student housing) Fourplex 6A & 6B	32 Mountain View	BILLINGS	1999	3,840	$601,042.18
☐	Townhome (student housing) Duplex 1	32 Mountain View	BILLINGS	1999	2,064	$323,021.38
☑	Yellowstone Science & Allied Health Building	1500 University Drive	BILLINGS	1947	88,837	$16,731,631.10
UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BILLINGS: 54 Buildings			**TOTAL SQ FT: 1,335,519**		**TOTAL CRV:**	**$251,905,541.20**

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BOZEMAN

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	1 GLACIER COURT HOUSE	1 GLACIER COURT	BOZEMAN	1957	676	$34,322.60
☐	10 GLACIER COURT HOUSE	10 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	1002 S. 15TH STREET HOUSE	1002 S. 15TH AVENUE	BOZEMAN	1957	676	$34,322.60
☐	1004 S. 15TH STREET HOUSE	1004 S. 15TH AVENUE	BOZEMAN	1964	676	$34,322.60
☐	1006 S. 15TH STREET HOUSE	1006 S. 15TH AVENUE	BOZEMAN	1964	676	$34,322.60
☐	101 BRANEGAN COURT TOWNHOUSES	101 BRANEGAN COURT	BOZEMAN	1976	5,303	$269,245.58
☐	101 EAST JULIA MARTIN DRIVE APARTMENTS	101 EAST JULIA MARTIN DRIVE	BOZEMAN	1968	6,012	$305,241.95
☐	101 GRANT CHAMBERLAIN DRIVE APARTMENTS	101 GRANT CHAMBERLAIN DRI	BOZEMAN	1975	20,475	$2,492,634.75
☐	101 MCINTOSH COURT TOWNHOUSES	101 MCINTOSH COURT	BOZEMAN	1996	6,069	$282,700.28
☐	101 PAISLEY COURT FLATS	101 PAISLEY COURT	BOZEMAN	1985	8,938	$453,548.95
☐	102 BRANEGAN COURT TOWNHOUSES	102 BRANEGAN COURT	BOZEMAN	1976	5,303	$269,245.58
☐	102 EAST JULIA MARTIN DRIVE APARTMENTS	102 EAST JULIA MARTIN DRIVE	BOZEMAN	1968	3,022	$153,434.75
☐	102 GRANT CHAMBERLAIN DRIVE APARTMENTS	102 GRANT CHAMBERLAIN DRI	BOZEMAN	1975	20,475	$2,492,634.75
☐	102 MCINTOSH COURT TOWNHOUSES	102 MCINTOSH COURT	BOZEMAN	1996	6,976	$330,424.90
☐	102 PAISLEY COURT FLATS	102 PAISLEY COURT	BOZEMAN	1985	8,938	$453,548.95
☐	103 BRANEGAN COURT TOWNHOUSES	103 BRANEGAN COURT	BOZEMAN	1976	5,303	$269,245.58
☐	103 EAST JULIA MARTIN DRIVE APARTMENTS	103 EAST JULIA MARTIN DRIVE	BOZEMAN	1968	6,012	$305,241.95
☐	103 GRANT CHAMBERLAIN DRIVE APARTMENTS	103 GRANT CHAMBERLAIN DRI	BOZEMAN	1975	20,475	$2,492,634.75
☐	103 MCINTOSH COURT TOWNHOUSES	103 MCINTOSH COURT	BOZEMAN	1996	5,380	$282,700.28
☐	103 PAISLEY COURT FLATS	103 PAISLEY COURT	BOZEMAN	1985	8,938	$453,548.95
☐	104 BRANEGAN COURT TOWNHOUSES	104 BRANEGAN COURT	BOZEMAN	1976	5,303	$269,245.58
☐	104 EAST JULIA MARTIN DRIVE APARTMENTS	104 EAST JULIA MARTIN DRIVE	BOZEMAN	1968	3,022	$153,434.75
☐	104 GRANT CHAMBERLAIN DRIVE APARTMENTS	104 GRANT CHAMBERLAIN DRI	BOZEMAN	1975	20,475	$2,492,634.75
☐	104 MCINTOSH COURT TOWNHOUSES	104 MCINTOSH COURT	BOZEMAN	1996	5,380	$282,700.28
☐	104 PAISLEY COURT FLATS	104 PAISLEY COURT	BOZEMAN	1985	8,938	$453,548.95
☐	105 BRANEGAN COURT TOWNHOUSES	105 BRANEGAN COURT	BOZEMAN	1976	5,303	$269,245.58
☐	105 EAST JULIA MARTIN DRIVE APARTMENTS	105 EAST JULIA MARTIN DRIVE	BOZEMAN	1968	6,012	$305,241.95
☐	105 GRANT CHAMBERLAIN DRIVE APARTMENTS	105 GRANT CHAMBERLAIN DRI	BOZEMAN	1975	20,475	$2,492,634.75

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BOZEMAN

☐	105 MCINTOSH COURT TOWNHOUSES	105 MCINTOSH COURT	BOZEMAN	1996	5,380	$282,700.28
☐	105 PAISLEY COURT FLATS	105 PAISLEY COURT	BOZEMAN	1985	8,938	$453,548.95
☐	106 BRANEGAN COURT TOWNHOUSES	106 BRANEGAN COURT	BOZEMAN	1976	5,303	$269,245.58
☐	106 EAST JULIA MARTIN DRIVE APARTMENTS	106 EAST JULIA MARTIN DRIVE	BOZEMAN	1968	3,022	$153,434.75
☐	106 GRANT CHAMBERLAIN DRIVE APARTMENTS	106 GRANT CHAMBERLAIN DRI	BOZEMAN	1975	20,475	$2,492,634.75
☐	106 MCINTOSH COURT TOWNHOUSES	106 MCINTOSH COURT	BOZEMAN	1996	5,377	$282,700.28
☐	106 PAISLEY COURT FLATS	106 PAISLEY COURT	BOZEMAN	1985	8,938	$453,548.95
☐	107 BRANEGAN COURT TOWNHOUSES	107 BRANEGAN COURT	BOZEMAN	1976	5,303	$269,245.58
☐	107 EAST JULIA MARTIN DRIVE APARTMENTS	107 EAST JULIA MARTIN DRIVE	BOZEMAN	1968	6,012	$305,241.95
☐	107 MCINTOSH COURT TOWNHOUSES	107 MCINTOSH COURT	BOZEMAN	1996	6,971	$330,424.90
☐	107 PAISLEY COURT FLATS	107 PAISLEY COURT	BOZEMAN	1985	8,938	$453,548.95
☐	108 BRANEGAN COURT TOWNHOUSES	108 BRANEGAN COURT	BOZEMAN	1976	5,303	$269,245.58
☐	108 EAST JULIA MARTIN DRIVE APARTMENTS	108 EAST JULIA MARTIN DRIVE	BOZEMAN	1968	6,012	$305,241.95
☐	108 MCINTOSH COURT TOWNHOUSES	108 MCINTOSH COURT	BOZEMAN	1996	6,971	$330,424.90
☐	108 PAISLEY COURT FLATS	108 PAISLEY COURT	BOZEMAN	1985	8,938	$453,548.95
☐	109 EAST JULIA MARTIN DRIVE APARTMENTS	109 EAST JULIA MARTIN DRIVE	BOZEMAN	1968	3,022	$153,434.75
☐	109 MCINTOSH COURT TOWNHOUSES	109 MCINTOSH COURT	BOZEMAN	1996	5,380	$282,700.28
☐	109 PAISLEY COURT FLATS	109 PAISLEY COURT	BOZEMAN	1985	8,938	$453,548.95
☐	11 Faculty Court	11 Faculty Court	BOZEMAN	1999	2,220	$272,052.40
☐	11 GLACIER COURT HOUSE	11 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	110 EAST JULIA MARTIN DRIVE APARTMENTS	110 EAST JULIA MARTIN DRIVE	BOZEMAN	1968	3,022	$153,434.75
☐	1102 S 6TH AVENUE	1102 S. 6TH AVENUE	BOZEMAN	1950	4,850	$983,747.55
☑	1106 S 6TH AVENUE	1106 S. 6TH AVENUE	BOZEMAN	1950	2,344	$279,754.78
☐	111 EAST JULIA MARTIN DRIVE APARTMENTS	111 EAST JULIA MARTIN DRIVE	BOZEMAN	1968	3,022	$153,434.75
☐	112 WEST JULIA MARTIN DRIVE APARTMENTS	112 WEST JULIA MARTIN DRIV	BOZEMAN	1971	7,658	$348,296.78
☐	113 WEST JULIA MARTIN DRIVE APARTMENTS	113 WEST JULIA MARTIN DRIV	BOZEMAN	1971	7,658	$348,296.78
☐	114 WEST JULIA MARTIN DRIVE APARTMENTS	114 WEST JULIA MARTIN DRIV	BOZEMAN	1971	7,658	$348,296.78
☐	115 WEST JULIA MARTIN DRIVE APARTMENTS	115 WEST JULIA MARTIN DRIV	BOZEMAN	1971	6,860	$348,296.78
☐	116 WEST JULIA MARTIN DRIVE APARTMENTS	116 WEST JULIA MARTIN DRIV	BOZEMAN	1971	7,658	$348,296.78

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BOZEMAN

☐	117 WEST JULIA MARTIN DRIVE APARTMENTS	117 WEST JULIA MARTIN DRIV	BOZEMAN	1971	7,658	$348,296.78
☐	118 WEST JULIA MARTIN DRIVE APARTMENTS	118 WEST JULIA MARTIN DRIV	BOZEMAN	1971	7,658	$348,296.78
☐	119 WEST JULIA MARTIN DRIVE APARTMENTS	119 WEST JULIA MARTIN DRIV	BOZEMAN	1971	7,658	$348,296.78
☐	12 GLACIER COURT HOUSE	12 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	1208 S. 15TH STREET HOUSE	1208 S. 15TH AVENUE	BOZEMAN	1964	676	$34,322.60
☐	1209 FOX STREET HOUSE	1209 FOX STREET	BOZEMAN	1957	676	$34,322.60
☐	1209 GOPHER STREET HOUSE	1209 GOPHER STREET	BOZEMAN	1957	676	$34,322.60
☐	1210 FOX STREET HOUSE	1210 FOX STREET	BOZEMAN	1964	676	$34,322.60
☐	1210 S. 15TH STREET HOUSE	1210 S. 15TH AVENUE	BOZEMAN	1964	676	$34,322.60
☐	1211 FOX STREET HOUSE	1211 FOX STREET	BOZEMAN	1964	676	$34,322.60
☐	1212 FOX STREET HOUSE	1212 FOX STREET	BOZEMAN	1964	676	$34,322.60
☐	1212 S. 15TH STREET HOUSE	1212 S. 15TH AVENUE	BOZEMAN	1964	676	$34,322.60
☐	1213 GOPHER STREET HOUSE	1213 GOPHER STREET	BOZEMAN	1964	676	$34,322.60
☐	1214 S. 15TH STREET HOUSE	1214 S. 15TH AVENUE	BOZEMAN	1964	676	$34,322.60
☐	1215 GOPHER STREET HOUSE	1215 GOPHER STREET	BOZEMAN	1964	676	$34,322.60
☐	1217 GOPHER STREET HOUSE	1217 GOPHER STREET	BOZEMAN	1964	676	$34,322.60
☐	1218 S. 15TH STREET HOUSE	1218 S. 15TH AVENUE	BOZEMAN	1964	676	$34,322.60
☐	1219 GOPHER STREET HOUSE	1219 GOPHER STREET	BOZEMAN	1964	676	$34,322.60
☐	1220 S. 15TH STREET HOUSE	1220 S. 15TH AVENUE	BOZEMAN	1964	676	$34,322.60
☐	1222 S. 15TH STREET HOUSE	1222 S. 15TH AVENUE	BOZEMAN	1964	676	$34,322.60
☐	1223 GOPHER STREET HOUSE	1223 GOPHER STREET	BOZEMAN	1964	676	$34,322.60
☐	1225 GOPHER STREET HOUSE	1225 GOPHER STREET	BOZEMAN	1964	676	$34,322.60
☐	13 FACULTY COURT	13 Faculty Court	BOZEMAN	1999	2,034	$291,276.63
☐	13 GLACIER COURT HOUSE	13 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	1401 W. GARFIELD STREET HOUSE	1401 W. GARFIELD STREET	BOZEMAN	1957	676	$34,322.60
☐	1402 FOX STREET HOUSE	1402 FOX STREET	BOZEMAN	1964	676	$34,322.60
☐	1403 FOX STREET HOUSE	1403 FOX STREET	BOZEMAN	1964	676	$34,322.60
☐	1403 W. GARFIELD STREET HOUSE	1403 W. GARFIELD STREET	BOZEMAN	1964	676	$34,322.60
☐	1404 FOX STREET HOUSE	1404 FOX STREET	BOZEMAN	1964	676	$34,322.60

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BOZEMAN

☐	1405 FOX STREET HOUSE	1405 FOX STREET	BOZEMAN	1964	676	$34,322.60
☐	1406 FOX STREET HOUSE	1406 FOX STREET	BOZEMAN	1964	676	$34,322.60
☐	1407 FOX STREET HOUSE	1407 FOX STREET	BOZEMAN	1964	676	$34,322.60
☐	1408 FOX STREET HOUSE	1408 FOX STREET	BOZEMAN	1964	676	$34,322.60
☐	1409 FOX STREET HOUSE	1409 FOX STREET	BOZEMAN	1964	676	$34,322.60
☐	1410 FOX STREET HOUSE	1410 FOX STREET	BOZEMAN	1964	1,045	$34,322.60
☐	1412 FOX STREET HOUSE	1412 FOX STREET	BOZEMAN	1964	676	$34,322.60
☐	1413 FOX STREET HOUSE	1413 FOX STREET	BOZEMAN	1964	676	$34,322.60
☐	1414 FOX STREET HOUSE	1414 FOX STREET	BOZEMAN	1964	676	$34,322.60
☐	1415 FOX STREET HOUSE	1415 FOX STREET	BOZEMAN	1964	676	$34,322.60
☐	1416 FOX STREET HOUSE	1416 FOX STREET	BOZEMAN	1964	676	$34,322.60
☐	1417 FOX STREET HOUSE	1417 FOX STREET	BOZEMAN	1964	676	$34,322.60
☐	1419 FOX STREET HOUSE	1419 FOX STREET	BOZEMAN	1964	676	$34,322.60
☐	1421 FOX STREET HOUSE	1421 FOX STREET	BOZEMAN	1964	676	$34,322.60
☐	1425 FOX STREET HOUSE	1425 FOX STREET	BOZEMAN	1964	676	$34,322.60
☐	1427 FOX STREET HOUSE	1427 FOX STREET	BOZEMAN	1964	676	$34,322.60
☐	15 FACULTY COURT	15 Faculty Court	BOZEMAN	1996	2,084	$264,225.33
☐	1710 GREEK WAY	1710 Greek Way	BOZEMAN	1974	7,296	$1,935,000.00
☐	18 GLACIER COURT HOUSE	18 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	2 GLACIER COURT HOUSE	2 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	20 GLACIER COURT HOUSE	20 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	21 FACULTY COURT	21 FACULTY COURT	BOZEMAN	1957	1,043	$144,450.98
☐	21 GLACIER COURT HOUSE	21 GLACIER COURT	BOZEMAN	1964	1,045	$34,322.60
☐	22 FACULTY COURT	22 FACULTY COURT	BOZEMAN	1957	1,043	$144,450.98
☐	22 GLACIER COURT HOUSE	22 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	23 FACULTY COURT	23 FACULTY COURT	BOZEMAN	1957	1,043	$144,450.98
☐	23 GLACIER COURT HOUSE	23 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	24 FACULTY COURT	24 FACULTY COURT	BOZEMAN	1957	1,043	$144,450.98
☐	25 FACULTY COURT	25 FACULTY COURT	BOZEMAN	1957	1,043	$144,450.98

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BOZEMAN

☐	25 GLACIER COURT HOUSE	25 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	26 GLACIER COURT HOUSE	26 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	27 GLACIER COURT HOUSE	27 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	29 GLACIER COURT HOUSE	29 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	3 GLACIER COURT HOUSE	3 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	31 GLACIER COURT HOUSE	31 GLACIER COURT	BOZEMAN	1964	1,045	$34,322.60
☐	33 GLACIER COURT HOUSE	33 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	35 GLACIER COURT HOUSE	35 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	37 GLACIER COURT HOUSE	37 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	39 GLACIER COURT HOUSE	39 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	4 GLACIER COURT HOUSE	4 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	40 GLACIER COURT HOUSE	40 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	41 GLACIER COURT HOUSE	41 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	42 GLACIER COURT HOUSE	42 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	43 GLACIER COURT HOUSE	43 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	44 GLACIER COURT HOUSE	44 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	45 GLACIER COURT HOUSE	45 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	46 GLACIER COURT HOUSE	46 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	47 GLACIER COURT HOUSE	47 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	48 GLACIER COURT HOUSE	48 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	49 GLACIER COURT HOUSE	49 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	5 GLACIER COURT HOUSE	5 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	50 GLACIER COURT HOUSE	50 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	51 GLACIER COURT HOUSE	51 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	52 GLACIER COURT HOUSE	52 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	53 GLACIER COURT HOUSE	53 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	54 GLACIER COURT HOUSE	54 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	55 GLACIER COURT HOUSE	55 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☐	6 GLACIER COURT HOUSE	6 GLACIER COURT	BOZEMAN	1964	676	$34,322.60

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BOZEMAN

☑	7 FACULTY COURT	7 FACULTY COURT	BOZEMAN	2016	1,881	$230,573.53
☐	8 GLACIER COURT HOUSE	8 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☑	9 FACULTY COURT	9 FACULTY COURT	BOZEMAN	2016	1,980	$195,681.18
☐	9 GLACIER COURT HOUSE	9 GLACIER COURT	BOZEMAN	1964	676	$34,322.60
☑	AG ARTIF INSEMIN & CLASSRM	West of South 19th Avenue & L	BOZEMAN	1968	5,159	$616,327.60
☑	AG CALVING BUILDING #1	West of South 19th Avenue & L	BOZEMAN	1968	3,233	$385,202.60
☑	AG CALVING BUILDING #2	West of South 19th Avenue & L	BOZEMAN	1968	2,588	$304,430.33
☐	AG FEED MILL	West of South 19th Avenue & L	BOZEMAN	1975	2,453	$331,033.35
☑	AG HORSE BARN	West of South 19th Avenue & L	BOZEMAN	1969	2,318	$277,346.78
☑	AG LITTLE WORKING FACILITY	West of South 19th Avenue & L	BOZEMAN	1968	462	$55,492.58
☑	AG POLE MACHINE SHED	West of South 19th Avenue & L	BOZEMAN	2009	3,450	$33,631.38
☑	AGRONOMY FIELD HOUSE	West Garfield Street (no officia	BOZEMAN	1934	1,468	$156,489.90
☑	AJM JOHNSON HALL	Grant Street (no official addres	BOZEMAN	1954	42,268	$10,262,713.25
☑	American Indian Hall	S 6TH AVE & S GARFIELD ST	BOZEMAN	2021	31,317	$16,339,689.33
☑	ANIMAL BIOSCIENCE BUILDING	South 11th Avenue (no official	BOZEMAN	2010	37,060	$12,737,055.80
☑	ANNA PEARL SHERRICK HALL	West Garfield Street (no officia	BOZEMAN	1973	18,376	$5,429,876.60
☐	ASMSU OUTDOOR REC BUILDING	1401 WEST LINCOLN STREET	BOZEMAN	2009	6,972	$795,475.28
☐	ATKINSON QUADRANGLE RESIDENCE HALL A	West Cleveland (no official add	BOZEMAN	1935	6,865	$1,469,085.33
☐	ATKINSON QUADRANGLE RESIDENCE HALL B	West Cleveland (no official add	BOZEMAN	1935	6,936	$1,469,085.33
☐	ATKINSON QUADRANGLE RESIDENCE HALL C	West Cleveland (no official add	BOZEMAN	1935	7,382	$1,612,812.83
☐	ATKINSON QUADRANGLE RESIDENCE HALL D	West Cleveland (no official add	BOZEMAN	1935	7,489	$1,612,812.83
☐	ATKINSON QUADRANGLE RESIDENCE HALL E	West Cleveland (no official add	BOZEMAN	1935	7,021	$1,475,830.95
☐	ATKINSON QUADRANGLE RESIDENCE HALL F	West Cleveland (no official add	BOZEMAN	1935	6,989	$150,039.90
☐	AUXILIARIES STORAGE FACILITY	1500 W. GARFIELD ST	BOZEMAN	1993	4,118	$483,911.25
☑	BARNARD HALL	Grant Street (no official addres	BOZEMAN	1996	149,388	$49,507,607.10
☑	BART FARM AG ED STORAGE BLDG	West of So 19th & south of Lin	BOZEMAN	2017	4,800	$195,889.73
☑	BART FARM SHOP	2730 W. Garfield Street	BOZEMAN	2008	3,691	$584,443.10
☑	BART PUMP HOUSE	West of South 19th Avenue & L	BOZEMAN	2000	132	$14,193.23
☑	BLACK BOX THEATRE	Grant Street (no official addres	BOZEMAN	2007	13,777	$3,674,276.90

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☐	BOBCAT ANDERSON TENNIS CENTER	South 11th Avenue (no official	BOZEMAN	2003	29,183	$3,845,179.33
☐	BOBCAT ATHLETIC COMPLEX	1000 Kagy Boulevard	BOZEMAN	2021	37,250	$15,507,850.03
☐	BOBCAT FOOTBALL EQUIPMENT STORAGE	1000 Kagy Boulevard	BOZEMAN	2011	263	$10,732.80
☐	BOBCAT STADIUM BLEACHERS - WEST	1000 KAGY BOULEVARD	BOZEMAN	1998	16,739	$1,636,013.48
☐	BOBCAT STADIUM BLEACHERS SONNY HOLLAND ENDZONE	1000 KAGY BOULEVARD	BOZEMAN	2011	44,655	$4,521,017.85
☐	BOBCAT STADIUM BOOSTERS - WEST	1000 Kagy Boulevard	BOZEMAN	1998	66,429	$15,123,421.43
☐	BOBCAT STADIUM CONCESSION STAND EAST #1	1000 Kagy Boulevard	BOZEMAN	1997	283	$60,640.75
☐	BOBCAT STADIUM CONCESSION STAND EAST #2	1000 Kagy Boulevard	BOZEMAN	1997	283	$43,538.58
☐	BOBCAT STADIUM CONCESSION STAND OLD	1000 Kagy Boulevard	BOZEMAN	1974	848	$74,894.18
☐	BOBCAT STADIUM CONCESSION STOR SHED	1000 Kagy Boulevard	BOZEMAN	2013	160	$6,842.38
☐	BOBCAT STADIUM EAST BLEACHERS	1000 Kagy Boulevard	BOZEMAN	1973	24,790	$2,211,988.80
☐	BOBCAT STADIUM HOME LOCKER ROOM	1000 Kagy Boulevard	BOZEMAN	1997	2,002	$329,046.75
☐	BOBCAT STADIUM METAL CANOPY	1000 Kagy Boulevard	BOZEMAN	1997	800	$139,791.93
☐	BOBCAT STADIUM RESTROOM #1 EAST	1000 Kagy Boulevard	BOZEMAN	1997	1,595	$279,212.98
☐	BOBCAT STADIUM RESTROOM #2 EAST	1000 Kagy Boulevard	BOZEMAN	1997	1,595	$234,903.63
☐	BOBCAT STADIUM SOUTH ENDZONE	1000 Kagy Boulevard	BOZEMAN	2011	38,031	$3,654,693.63
☐	BOBCAT STADIUM TICKET BOOTH-EAST	1000 Kagy Boulevard	BOZEMAN	1997	75	$8,922.50
☐	BOBCAT STADIUM TICKET BOOTH-NORTH	1000 Kagy Boulevard	BOZEMAN	1997	300	$35,769.55
☐	BOBCAT STADIUM TRACK BLEACHERS	1000 KAGY BOULEVARD	BOZEMAN	2011	6,514	$636,655.85
☐	BOBCAT STADIUM TRACK GRANDSTAND	1000 KAGY BOULEVARD	BOZEMAN	2011	240	$660,111.28
☐	BOBCAT STADIUM TRACK STORAGE	1000 KAGY BOULEVARD	BOZEMAN	2011	1,161	$113,472.70
☐	BOBCAT STADIUM TRACK STORAGE #1	1000 KAGY BOULEVARD	BOZEMAN	2012	253	$10,823.10
☐	BOBCAT STADIUM TRACK STORAGE #2	1000 KAGY BOULEVARD	BOZEMAN	2012	587	$25,108.78
☐	BRICK BREEDEN FIELDHOUSE	South11th Avenue (no official	BOZEMAN	1958	184,453	$44,039,617.45
☐	BRICK BREEDEN FLDSE STOR BLDG	South 11th Avenue (no official	BOZEMAN	1967	2,700	$246,532.98
☐	Campus Temp Gym Structure North	East of Brick Breeden Fieldhou	BOZEMAN	2019	42,315	$3,361,665.83
☐	Campus Temp Gym Structure South	East of Brick Breeden Fieldhou	BOZEMAN	2019	22,468	$1,765,700.40
☐	CAMPUS TUNNEL	West Grant Street (no official a	BOZEMAN	1995	88,760	$56,492,734.58
☐	CHEM STORES SOUTH STORAGE CONTAINER #2	South 11th Avenue (no official	BOZEMAN	2008	198	$8,468.85

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☑	CHEMISTRY BIOCHEMISTRY BLDG	South 11th Avenue (no official	BOZEMAN	2007	90,408	$32,826,104.33
☐	CHEMISTRY STORES	South 11th Avenue (no official	BOZEMAN	2009	756	$55,802.18
☑	COBLEIGH HALL	South 7th Avenue (no official a	BOZEMAN	1970	99,100	$28,735,356.30
☑	COLD STORAGE QUONSET	West of South 19th Avenue & L	BOZEMAN	1949	995	$84,263.88
☑	COLD STORAGE SHED	West of South 19th Avenue & L	BOZEMAN	1958	299	$30,695.55
☐	CONEX TRAILER FORT ELLIS	Kelly Canyon Road	BOZEMAN	2019	160	$6,006.03
☑	COOLEY LABORATORY	South 11th Avenue (no official	BOZEMAN	1960	37,929	$11,113,154.35
☑	CREATIVE ARTS COMPLEX - CHEEVER HALL	South 11th Avenue (no official	BOZEMAN	1974	62,560	$15,890,773.63
☑	CREATIVE ARTS COMPLEX - HAYNES HALL	South 11th Avenue (no official	BOZEMAN	1974	44,225	$11,999,029.60
☑	CREATIVE ARTS COMPLEX-HOWARD HALL	South 11th Avenue (no official	BOZEMAN	1974	30,575	$7,589,203.30
☑	CULBERTSON HALL	Harrison Street (no official add	BOZEMAN	1955	48,638	$11,467,505.53
☐	DANFORTH CHAPEL	South 7th Avenue (no official a	BOZEMAN	1952	1,560	$740,389.05
☑	FACILITIES BUTLER BUILDING	West Grant Street (no official a	BOZEMAN	1958	4,276	$481,506.48
☑	FACILITIES CAMPUS LIGHTING SYSTEM	Entire campus	BOZEMAN	1995	1	$0.00
☑	FACILITIES CAMPUS STORES	South 7th Avenue	BOZEMAN	1978	4,154	$445,392.93
☑	FACILITIES CARPENTER SHOP	West Grant Street (no official a	BOZEMAN	1969	2,455	$283,122.75
☑	FACILITIES CHEMICAL STORAGE	West Grant Street (no official a	BOZEMAN	2010	619	$15,325.20
☑	FACILITIES CHEMICAL STORAGE-CONTAINER	West Grant Street (no official a	BOZEMAN	2010	106	$10,360.85
☑	FACILITIES CUSTODIAL LAMP STORAGE QUONSET	West Grant Street (no official a	BOZEMAN	1951	974	$115,560.35
☑	FACILITIES CUSTODIAL QUONSET	West Grant Street (no official a	BOZEMAN	1946	1,050	$118,451.03
☑	FACILITIES CUSTODIAL STORAGE QUONSET	West Grant Street (no official a	BOZEMAN	1946	971	$118,451.03
☑	FACILITIES ELECTRICIANS QUONSET	West Grant Street (no official a	BOZEMAN	1946	2,009	$240,751.63
☑	FACILITIES ENGINEERS QUONSET	West Grant Street (no official a	BOZEMAN	1946	2,009	$99,269.80
☑	FACILITIES EQUIPMENT GARAGE	West Grant Street (no official a	BOZEMAN	1947	4,961	$601,881.75
☐	FACILITIES FUELING STATION	West Grant Street (no official a	BOZEMAN		1	$0.00
☑	FACILITIES GROUNDS FABRIC STORAGE	West Grant Street (no official a	BOZEMAN	2008	2,233	$99,769.68
☑	FACILITIES GROUNDS GREENHOUSE	West Grant Street (no official a	BOZEMAN	1973	1,487	$71,984.15
☐	FACILITIES GROUNDS JOB TRAILER	W. Grant Street - Plew Building	BOZEMAN	2018	448	$9,605.13
☑	FACILITIES GROUNDS NORTH STORAGE	West Grant Street (no official a	BOZEMAN	1959	384	$48,150.33

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☑	FACILITIES GROUNDS PUMP HOUSE	West Grant Street (no official a	BOZEMAN	1985	175	$20,223.98
☑	FACILITIES GROUNDS SHOP	West Grant Street (no official a	BOZEMAN	1960	2,406	$284,085.95
☑	FACILITIES HEAT PLANT GENERATOR BLDG	West Grant Street (no official a	BOZEMAN	1922	1,044	$86,669.73
☑	FACILITIES HEAT PLANT STORAGE QUONSET	West Grant Street (no official a	BOZEMAN	1950	1,923	$240,273.25
☑	FACILITIES IRRIGATION STORAGE	West Grant Street (no official a	BOZEMAN	1961	280	$11,529.38
☑	FACILITIES LABORERS QUONSET	West Grant Street (no official a	BOZEMAN	1946	2,010	$240,751.63
☑	FACILITIES MECHANIC/METAL SHOP	West Grant Street (no official a	BOZEMAN	1952	6,767	$772,802.45
☑	FACILITIES MEETING QUONSET	West Grant Street (no official a	BOZEMAN	1946	971	$118,451.03
☑	FACILITIES PAINT BOOTH/SHOP	West Grant Street (no official a	BOZEMAN	1947	2,399	$326,098.03
☑	FACILITIES PLUMBERS QUONSET	West Grant Street (no official a	BOZEMAN	1946	2,009	$240,751.63
☑	FACILITIES POLYHOUSE QUONSET	West Grant Street (no official a	BOZEMAN	1984	1,489	$171,055.08
☐	FACILITIES PROPANE TANK	West Grant Street (no official a	BOZEMAN		1	$138.68
☑	FACILITIES REFRIGERATION QUONSET	West Grant Street (no official a	BOZEMAN	1946	2,009	$240,751.63
☐	FACILITIES RESERVOIR SYSTEM	South 11th Avenue (no official	BOZEMAN	2007	1	$0.00
☐	FACILITIES ROMNEY OVAL GEOTHERMAL FIELD	Romney Oval	BOZEMAN	2021	-00	$4,544,132.50
☑	FACILITIES STORAGE QUONSET	West Grant Street (no official a	BOZEMAN	1951	974	$115,560.35
☐	FACILITIES WORK CONTROL MODULAR	West Grant Street (no official a	BOZEMAN	2003	2,408	$289,865.15
☐	FACULTY COURT-1605 S. 5TH AVENUE	1605 S. 5TH AVENUE	BOZEMAN	1957	1,041	$144,450.98
☐	FAMILY HOUSING OFFICE BUILDING	1502 Garfield	BOZEMAN	1968	2,106	$614,363.58
☑	FARRIER BUILDING (HORSEHOEING)	West of South 19th Avenue & L	BOZEMAN	1973	2,370	$277,346.78
☑	FARRIER OPEN STORAGE SHED	West of South 19th Avenue & L	BOZEMAN	2010	221	$11,884.13
☑	FEED LOT POLE BARN	West of South 19th Avenue & L	BOZEMAN	1968	2,873	$516,287.03
☑	FEED MILL GRAIN BIN	West of South 19th Avenue & L	BOZEMAN	1975	227	$1,416.85
☑	FEED MILL TANKS (10)	West of South 19th Avenue & L	BOZEMAN	1975	7,000	$5,664.18
☑	GAINES HALL	Grant Street (no official addres	BOZEMAN	1961	96,868	$29,396,402.83
☑	GALLATIN GARDENERS SHED	West of South 19th Avenue & L	BOZEMAN	2000	125	$8,935.40
☑	GALLATIN HALL	West Garfield (no official addre	BOZEMAN	2013	30,203	$8,022,513.23
☑	GIRVEN FARM BARN	5515 Stucky Road	BOZEMAN	1958	2,898	$338,980.83
☑	GIRVEN FARM RESIDENCE	5515 Stucky Road	BOZEMAN	1958	2,400	$245,448.30

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☑	GIRVEN METAL SHED #1	5515 Stucky Road	BOZEMAN		128	$1,200.78
☑	GIRVEN METAL SHED #2	5515 Stucky road	BOZEMAN		128	$1,200.78
☑	GIRVEN METAL SHED #3	5515 Stucky Road	BOZEMAN		128	$1,200.78
☑	GIRVEN RESIDENCE 2 CAR GARAGE	5515 Stucky Road	BOZEMAN	1958	733	$52,965.25
☑	GRAF ST RESIDENCE	16 Graf Street	BOZEMAN	1974	7,325	$746,332.73
☑	GRAIN BIN IN FRONT HORSE BARN	West of South 19th Avenue & L	BOZEMAN	1969	227	$2,881.00
☑	HAMILTON HALL	South 7th Avenue (no official a	BOZEMAN	1910	28,012	$7,492,673.68
☑	HANDLING FACILITY	West of South 19th Avenue & L	BOZEMAN	1975	2,683	$29,761.38
☐	HANNON RESIDENCE HALL	South 7th Avenue (no official a	BOZEMAN	1955	90,240	$18,096,297.38
☐	HAPNER RESIDENCE HALL	West Cleveland (no official add	BOZEMAN	1959	95,358	$19,359,737.35
☑	HAY SHED POLE BARN	West of South 19th Avenue & L	BOZEMAN	1968	3,625	$235,937.78
☑	HAZMAT STORAGE TECH PARK	1160 Research Drive	BOZEMAN	1989	187	$48,150.33
☐	HEALTH SCIENCES BUILDING	2155 Analysis Drive	BOZEMAN	2004	24,675	$7,871,785.33
☑	HEATING PLANT	West Grant Street (no official a	BOZEMAN	1923	11,113	$9,127,580.98
☑	HERRICK HALL	West Cleveland (no official add	BOZEMAN	1926	41,285	$11,164,473.78
☑	HORSE HAY SHED	West of South 19th Avenue & L	BOZEMAN	2010	3,483	$158,299.13
☑	HORSE SHELTER # 1	West of South 19th Avenue & L	BOZEMAN	2006	1,043	$29,738.80
☑	HORSE SHELTER # 2	West of South 19th Avenue & L	BOZEMAN	2006	1,043	$29,738.80
☑	HORTICULTURE FARM HOUSE WOOD	West of South 19th Avenue & L	BOZEMAN	1954	205	$39,924.43
☑	HORTICULTURE GREENHOUSE	West of South 19th Avenue & L	BOZEMAN	2012	900	$22,846.98
☑	HORTICULTURE HONEY BEE SHED	West of South 19th Avenue & L	BOZEMAN	2012	64	$2,523.03
☑	HORTICULTURE MACHINE SHED	West of South 19th Avenue & L	BOZEMAN	2012	286	$2,788.55
☑	HORTICULTURE METAL SHED #1	West of South 19th Avenue & L	BOZEMAN	1995	249	$15,325.20
☑	HORTICULTURE METAL STOR SHED #2	West of South 19th Avenue & L	BOZEMAN	1995	249	$40,211.45
☑	HORTICULTURE MULTIPURPOSE BARN	West of South 19th Avenue & L	BOZEMAN	2012	3,061	$44,370.63
☑	HORTICULTURE POLINATOR GARDEN PAVILION	West of South 19th Avenue & L	BOZEMAN	2015	160	$1,499.63
☑	HORTICULTURE POLLINATOR GARDEN SHED	West of South 19th Avenue & L	BOZEMAN	2015	120	$1,124.45
☑	HORTICULTURE PUMP HOUSE	West of South 19th Avenue & L	BOZEMAN	1954	123	$14,445.85
☑	HORTICULTURE WASH HOUSE	West of South 19th Avenue & L	BOZEMAN	2015	256	$2,402.63

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☑	HORTICULTURE WOOD CHICKEN COOP	West of South 19th Avenue & L	BOZEMAN	2005	259	$966.43
☐	HYALITE HALL	W. COLLEGE ST. and S 13TH AV	BOZEMAN	2020	153,055	$55,416,250.00
☑	JABS HALL	8TH & CLEVELAND STREETS	BOZEMAN	2015	55,087	$17,292,083.43
☐	JEFFERSON HALL	West Garfield (no official addre	BOZEMAN	1998	30,145	$4,613,747.35
☑	JOHNSON FAMILY LIVESTOCK (BLS2)	West of South 19th Avenue & L	BOZEMAN	2008	13,800	$2,462,336.95
☐	JOHNSTONE CENTER RESIDENCE HALL - COLTER	West Harrison Street (no offici	BOZEMAN	1955	30,369	$6,078,346.70
☑	JOHNSTONE CENTER RESIDENCE HALL - HARRISON HALL	West Harrison Street (no offici	BOZEMAN	1955	26,643	$5,901,876.85
☐	JOHNSTONE CENTER RESIDENCE HALL - MULLAN	West Harrison Street (no offici	BOZEMAN	1955	28,418	$6,078,346.70
☐	JOHNSTONE CENTER RESIDENCE HALL - PRYOR	West Harrison Street (no offici	BOZEMAN	1955	55,213	$11,086,273.98
☑	JUTILA RES LABORATORY (BSL3)	West of South 19th & Lincoln S	BOZEMAN	2007	3,563	$1,457,824.70
☑	KELLOGG CENTER	1301 South 3rd Avenue	BOZEMAN	1944	4,206	$702,068.53
☐	LAMBERT FIELD SPORTS FACILITY	West Lincoln (no official addres	BOZEMAN	2018	4,479	$271,882.55
☐	LANGFORD RESIDENCE HALL	West Harrison Street (no offici	BOZEMAN	1960	107,960	$21,642,242.93
☑	LEON JOHNSON HALL	West Arthur St (northwest of	BOZEMAN	1973	125,480	$39,338,978.93
☑	LEWIS HALL	West Garfield Street (no officia	BOZEMAN	1923	46,233	$12,930,116.13
☑	LINFIELD HALL	South 11th Avenue (no official	BOZEMAN	1909	48,464	$12,068,679.93
☑	LINFIELD HALL SOUTH	South 11th Avenue (no official	BOZEMAN	1952	34,535	$9,414,716.70
☐	LOUISE SHUNK DAY CARE STORAGE SHED	1295 West Garfield	BOZEMAN	2013	120	$5,135.28
☐	LOUISE SHUNK DAYCARE AND COMMUNITY CENTER	1295 West Garfield	BOZEMAN	1987	3,929	$1,147,631.30
☐	MADISON HALL	West Garfield (no official addre	BOZEMAN	1998	30,033	$4,592,583.83
☐	MARGA HOSAEUS FITNESS CENTER	West Grant Street (no official a	BOZEMAN	1973	109,440	$38,467,766.68
☑	MARSH LAB MODULAR # 1	1922 WEST LINCOLN STREET	BOZEMAN	1998	2,098	$267,237.48
☑	MARSH LAB MODULAR # 2	1922 WEST LINCOLN STREET	BOZEMAN	2001	2,283	$267,237.48
☑	MARSH LABORATORY	1911 WEST LINCOLN STREET	BOZEMAN	1961	31,018	$9,858,266.00
☑	MCCALL HALL	South11th Avenue (no official	BOZEMAN	1952	10,591	$3,042,193.03
☑	MELVIN GRADUATE ARTS STUDIOS	West of South 19th Avenue & L	BOZEMAN	1968	6,000	$731,044.08
☐	MILLER DINING HALL	West Grant Street (no official a	BOZEMAN	1964	56,781	$13,208,119.73
☑	MILLER PAVILION	West of South 19th Avenue & L	BOZEMAN	1968	22,701	$1,927,062.20
☑	MOLECULAR BEAM FACILITY	Kagy Boulevard (no official add	BOZEMAN	1972	1,459	$122,060.88

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☐	MOLECULAR BEAM MODULAR	Kagy Boulevard (no official add	BOZEMAN	2001	676	$122,060.88
☑	MONTANA HALL	West Garfield (no official addre	BOZEMAN	1896	39,655	$13,545,951.38
☐	MUSEUM COLLECTIONS & STOR FAC	600 Kagy Boulevard	BOZEMAN	2017	20,395	$832,330.58
☑	MUSEUM OF THE ROCKIES	600 KAGY BOULEVARD	BOZEMAN	1987	103,408	$26,543,272.20
☐	NELSON STORY TOWER APARTMENTS	101 Nelson Story	BOZEMAN	1968	39,657	$8,229,477.60
☑	NORM ASBJORNSON HALL	W. Grant St & South 7th Ave (n	BOZEMAN	2018	116,709	$46,489,154.38
☐	NORTH HEDGES RESIDENCE HALL	West Grant Street (no official a	BOZEMAN	1965	143,253	$26,914,728.78
☑	OSCAR THOMAS NUTRITION CENTER	West of South 19th Avenue & L	BOZEMAN	1968	7,262	$841,348.75
☑	OSCAR THOMAS NUTRITION CENTER GROW SAFE EQUIP	West of South 19th Avenue & L	BOZEMAN	1968	3,889	$146,858.98
☑	OSCAR THOMAS NUTRITION CENTER OPEN HAY SHED	West of South 19th Avenue & L	BOZEMAN	1968	2,188	$436,365.08
☑	OSCAR THOMAS NUTRITION CENTR FEED TANKS (6)	West of South 19th Avenue & L	BOZEMAN	1968	660	$30,094.63
☐	PARKING STORAGE SHED #1	EAST OF HUFFMAN	BOZEMAN	2014	330	$15,153.20
☐	PARKING STRUCTURE	Grant Street (no official addres	BOZEMAN	2017	185,601	$13,044,541.28
☐	PATIENT TESTING TRAILER	1000 Kagy Blvd - East side of St	BOZEMAN	2020	672	$71,283.25
☐	PETER KOCH TOWER APARTMENTS	101 Peter Koch Street	BOZEMAN	1968	39,000	$8,229,477.60
☑	PLANT BIOSCIENCE BUILDING	South 11th Avenue (no official	BOZEMAN	1999	50,864	$14,871,710.18
☑	PLANT GROWTH CENTER	South 11th Avenue (no official	BOZEMAN	1986	68,108	$21,269,564.08
☑	PLEW BUILDING	West Grant Street (no official a	BOZEMAN	1952	18,086	$3,286,900.65
☑	POULTRY BARN-VACANT	South 4th Avenue	BOZEMAN	1943	6,837	$103,516.05
☐	RECORDS MANAGEMENT FACILITY	1604 S. 5th Avenue	BOZEMAN	2001	6,057	$722,255.95
☑	REID HALL	West Garfield Street (no officia	BOZEMAN	1959	90,982	$25,824,795.95
☐	RENDEZVOUS DINING PAVILION	W. Harrison Street (no official s	BOZEMAN	2018	52,079	$4,077,349.23
☑	RENNE LIBRARY	West Garfield Street (no officia	BOZEMAN	1949	161,115	$45,833,362.45
☑	ROBERTS HALL	West Garfield Street (no officia	BOZEMAN	1922	76,057	$20,767,363.85
☐	RODEO STORAGE BUILDING	West Grant Street (no street a	BOZEMAN	2018	1,537	$62,529.53
☑	ROMNEY HALL	West Grant Street (no official a	BOZEMAN	1922	73,109	$15,976,306.00
☐	ROSKIE RESIDENCE HALL	West Grant Street (no official a	BOZEMAN	1966	92,662	$19,940,140.60
☑	ROY E. HUFFMAN BUILDING	South 7th Avenue (no official a	BOZEMAN	1969	9,726	$1,846,162.00
☑	SILVER STREAK TRAILER	West of So 19th & south of Lin	BOZEMAN	2014	200	$9,663.18

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BOZEMAN

☐	SOB BARN	1300 West Garfield Street	BOZEMAN	1924	11,148	$1,260,958.88
☐	SOUTH 5TH STORAGE BLDG 101	SOUTH 5TH AVENUE	BOZEMAN	1993	588	$25,152.85
☐	SOUTH 5TH STORAGE BLDG 102	SOUTH 5TH AVENUE	BOZEMAN	1994	588	$25,150.70
☐	SOUTH 5TH STORAGE BLDG 103	SOUTH 5TH AVENUE	BOZEMAN	1995	588	$25,150.70
☐	SOUTH 5TH STORAGE BLDG 104	SOUTH 5TH AVENUE	BOZEMAN	1996	588	$25,150.70
☐	SOUTH 5TH STORAGE BLDG 201	SOUTH 5TH AVENUE	BOZEMAN	1997	781	$33,406.70
☐	SOUTH 5TH STORAGE BLDG 202	SOUTH 5TH AVENUE	BOZEMAN	2002	781	$33,406.70
☐	SOUTH 5TH STORAGE BLDG 203	SOUTH 5TH AVENUE	BOZEMAN	2004	781	$33,406.70
☐	SOUTH 5TH STORAGE BLDG 204	SOUTH 5TH AVENUE	BOZEMAN	2005	781	$33,406.70
☐	SOUTH 5TH STORAGE BLDG 301	SOUTH 5TH AVENUE	BOZEMAN	1997	781	$33,406.70
☐	SOUTH 5TH STORAGE BLDG 302	SOUTH 5TH AVENUE	BOZEMAN	2002	781	$33,406.70
☐	SOUTH 5TH STORAGE BLDG 303	SOUTH 5TH AVENUE	BOZEMAN	2004	781	$33,406.70
☐	SOUTH 5TH STORAGE BLDG 304	SOUTH 5TH AVENUE	BOZEMAN	2005	781	$33,406.70
☐	SOUTH 5TH STORAGE BLDG 401	SOUTH 5TH AVENUE	BOZEMAN	1999	781	$33,406.70
☐	SOUTH 5TH STORAGE BLDG 402	SOUTH 5TH AVENUE	BOZEMAN	2005	781	$33,406.70
☐	SOUTH 5TH STORAGE BLDG 403	SOUTH 5TH AVENUE	BOZEMAN	2002	781	$33,406.70
☐	SOUTH 5TH STORAGE BLDG 404	SOUTH 5TH AVENUE	BOZEMAN	2005	781	$33,406.70
☐	SOUTH 5TH STORAGE BLDG 405	SOUTH 5TH AVENUE	BOZEMAN	2014	781	$33,405.63
☐	SOUTH 5TH STORAGE BLDG 406	SOUTH 5TH AVENUE	BOZEMAN	2014	781	$33,405.63
☐	SOUTH 5TH STORAGE BLDG 501	SOUTH 5TH AVENUE	BOZEMAN	1999	781	$33,406.70
☐	SOUTH 5TH STORAGE BLDG 502	SOUTH 5TH AVENUE	BOZEMAN	2005	781	$33,406.70
☐	SOUTH 5TH STORAGE BLDG 503	SOUTH 5TH AVENUE	BOZEMAN	2002	781	$33,406.70
☐	SOUTH 5TH STORAGE BLDG 504	SOUTH 5TH AVENUE	BOZEMAN	2002	781	$33,406.70
☐	SOUTH 5TH STORAGE BLDG 505	SOUTH 5TH AVENUE	BOZEMAN	2009	781	$33,406.70
☐	SOUTH 5TH STORAGE BLDG 506	SOUTH 5TH AVENUE	BOZEMAN	2009	781	$33,406.70
☐	SOUTH 5TH STORAGE BLDG 601	SOUTH 5TH AVENUE	BOZEMAN	2000	588	$25,150.70
☐	SOUTH 5TH STORAGE BLDG 602	SOUTH 5TH AVENUE	BOZEMAN	2000	588	$25,150.70
☐	SOUTH 5TH STORAGE BLDG 603	SOUTH 5TH AVENUE	BOZEMAN	2002	588	$25,150.70
☐	SOUTH 5TH STORAGE BLDG 604	SOUTH 5TH AVENUE	BOZEMAN	2002	588	$25,150.70

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BOZEMAN

☐	SOUTH 5TH STORAGE BLDG 605	SOUTH 5TH AVENUE	BOZEMAN	2009	588	$25,150.70
☐	SOUTH 5TH STORAGE BLDG 606	SOUTH 5TH AVENUE	BOZEMAN	2009	588	$25,150.70
☐	SOUTH HEDGES RESIDENCE HALL	West Grant Street (no official a	BOZEMAN	1965	139,508	$26,526,165.73
☐	STRAND UNION BUILDING	West Grant Street (no official a	BOZEMAN	1939	180,898	$53,253,944.48
☑	SWINE STORAGE SHED	West of South 19th Avenue & L	BOZEMAN	1958	1,044	$72,224.95
☑	SWINE TEST CENTER	West of South 19th Avenue & L	BOZEMAN	1971	677	$81,253.88
☐	SWINGLE HEALTH CENTER	South 7th Avenue (no official a	BOZEMAN	1957	21,781	$6,507,209.35
☑	TAYLOR HALL	South 11th Avenue (no official	BOZEMAN	1896	9,936	$2,660,067.08
☐	TENNIS SUPPORT FACILITY	South 11th Avenue (no official	BOZEMAN	2000	1,505	$257,031.43
☑	TIETZ HALL	East of South 11th Avenue (no	BOZEMAN	1985	20,472	$6,153,221.53
☐	TINSLEY BLACKSMITH SHOP	600 KAGY BOULEVARD	BOZEMAN	1989	368	$44,374.93
☐	TINSLEY CHICKEN COOP	600 KAGY BOULEVARD	BOZEMAN	1989	136	$16,400.20
☐	TINSLEY EQUIPMENT SHED	600 KAGY BOULEVARD	BOZEMAN	1989	620	$74,761.95
☐	TINSLEY HOMESTEAD	600 KAGY BOULEVARD	BOZEMAN	1989	3,612	$4,332,524.13
☐	TINSLEY OUTHOUSE	600 KAGY BOULEVARD	BOZEMAN	1989	63	$7,595.95
☐	TINSLEY ROOT CELLAR	600 KAGY BOULEVARD	BOZEMAN	1989	121	$14,588.83
☐	TINSLEY STORAGE SHED	600 KAGY BOULEVARD	BOZEMAN	1989	123	$14,831.78
☐	TINY HOUSE #1	14 GLACIER COURT	BOZEMAN	2017	176	$8,504.33
☐	TINY HOUSE #2	14B GLACIER COURT	BOZEMAN	2018	176	$7,178.85
☑	TRAPHAGEN HALL	West of South 11th Avenue (n	BOZEMAN	1920	37,234	$10,795,461.75
☑	UPD INCIDENT COMMAND POST	1000 Kagy Boulevard	BOZEMAN	2016	710	$82,225.68
☑	VET CENTER HAY SHED	West of South 19th Avenue & L	BOZEMAN	1976	3,200	$385,202.60
☑	VET CLINIC BUILDING	West of South 19th Avenue & L	BOZEMAN	1960	2,527	$299,496.08
☑	VET PRTBL MTL LVSTK SHLTR #1	West of South 19th Avenue & L	BOZEMAN	2013	288	$2,807.90
☑	VET PRTBL MTL LVSTK SHLTR #2	West of South 19th Avenue & L	BOZEMAN	2009	306	$2,980.98
☑	VET PRTBL MTL LVSTK SHLTR #3	West of South 19th Avenue & L	BOZEMAN	2009	306	$2,980.98
☑	VET PRTBL WOOD LVSTK SHLTR #1	West of South 19th Avenue & L	BOZEMAN	2009	128	$1,248.08
☑	VET PRTBL WOOD LVSTK SHLTR #2	West of South 19th Avenue & L	BOZEMAN	2009	128	$1,248.08
☑	VET QUONSET LIVESTOCK SHELTER	West of South 19th Avenue & L	BOZEMAN	1952	1,004	$9,787.88

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BOZEMAN

☑	VET QUONSET LIVESTOCK SHELTER	West of South 19th Avenue & L	BOZEMAN	1950	1,970	$19,203.80
☑	VET SHOP QUONSET	West of South 19th Avenue & L	BOZEMAN	1953	960	$43,904.08
☑	VET STORAGE BUILDING	West of South 19th Avenue & L	BOZEMAN	1941	1,000	$120,376.35
☑	VETERINARY EQUIPMENT SHED	West of South 19th Avenue & L	BOZEMAN	1960	3,600	$433,355.08
☑	VETERINARY LOAFING SHED	West of South 19th Avenue & L	BOZEMAN	1960	3,600	$433,355.08
☑	VISUAL COMMUNICATIONS BUILDING	West Grant (no official address	BOZEMAN	1983	41,494	$13,848,982.05
☐	WALLY BYAM ARBORETUM INTERPRETIVE CENTER	11th and College	BOZEMAN	1985	848	$122,422.08
☑	WILSON HALL	West Garfield Street (no officia	BOZEMAN	1974	80,153	$25,746,596.15
☑	WOOL LAB	South 11th Avenue (no official	BOZEMAN	1947	7,450	$1,349,654.98
☐	YELLOWSTONE HALL	South 15th Avenue (no official	BOZEMAN	2016	123,859	$5,649,270.13
☐	TRANSCEND TRANSPORTATION LAB #1	2027 Raceway Drive	LEWISTOWN	2010	2,387	$197,583.93
☐	TRANSCEND TRANSPORTATION LAB #2	2027 Raceway Drive	LEWISTOWN	2010	2,387	$197,583.93
☐	TRANSCEND TRANSPORTATION LAB #3	2027 Raceway Drive	LEWISTOWN	2010	2,387	$197,583.93
☐	TRANSCEND TRANSPORTATION LAB #4	2027 Raceway Drive	LEWISTOWN	2010	2,387	$197,583.93
☐	TRANSCEND TRANSPORTATION LAB #5	2027 Raceway Drive	LEWISTOWN	2010	2,387	$197,583.93
☐	TRANSCEND TRANSPORTATION LAB #6	2027 Raceway Drive	LEWISTOWN	2010	2,387	$197,583.93
☐	TRANSCEND TRANSPORTATION LAB #7	2027 Raceway Drive	LEWISTOWN	2010	2,387	$197,583.93

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BOZEMAN: 422 Buildings **TOTAL SQ FT: 5,620,799** **TOTAL CRV: $1,310,875,193.88**

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - NORTHERN

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Advanced Fuels Lab	MSU-Northern - 140 College R	HAVRE	1952	3,152	$1,373,920.95
☑	Applied Technology Center	180 College Road West	HAVRE	2005	16,100	$6,735,551.18
☑	Automotive Technology	MSU-Northern -220 College Ro	HAVRE	1984	12,290	$2,880,793.60
☑	Brockmann Center	MSU-Northern 201 College Roa	HAVRE	1971	53,072	$16,110,224.13
☐	Chancellor's New Residence	1325 11th Avenue	HAVRE	1982	4,450	$504,668.43
☑	Cowan Hall	MSU-Northern 200 Cowan Driv	HAVRE	1953	66,463	$20,008,566.50
☑	Diesel Technology Center (DTC)	121 College Road East	HAVRE	2018	24,873	$1,044,335.63
☑	Donaldson Hall	MSU-Northern 100 Cowan Driv	HAVRE	1936	32,745	$10,336,576.50
☑	Electronics Building	MSU-Northern 161 College Roa	HAVRE	1968	14,577	$4,781,273.20
☐	Faculty Housing	MSU-Northern 1129 Bonine Dr	HAVRE	1957	2,437	$201,431.35
☐	Food Service	MSU-Northern- 1150-B SUB Dri	HAVRE	1971	21,515	$6,517,790.58
☐	Football Complex	NW Corner of campus on Colle	HAVRE	2021	7,920	$2,935,636.88
☐	Gymnasium	MSU-Northern 241 College Roa	HAVRE	1957	57,373	$17,403,573.83
☑	Hagener Science Center-Math Science Building	MSU-Northern - 300 Cowan Dri	HAVRE	1968	41,453	$15,568,466.05
☑	Library Building	MSU-Northern 160 Cowan Driv	HAVRE	1987	31,134	$11,378,929.83
☐	MacKenzie Hall	MSU-Northern - 1200 Buttrey	HAVRE	1971	43,678	$14,667,546.18
☐	MAT Theatre Cold Storage (Old Daycare)	MSU-Northern 1121 Buttrey Dr	HAVRE	1960	3,382	$279,543.00
☑	Metals Technology Building	MSU-Northern - 100 College R	HAVRE	1944	11,211	$2,919,890.28
☐	Morgan Hall	MSU-Northern - 1126 Buttrey	HAVRE	1957	48,872	$19,258,598.13
☑	Pershing Hall	MSU-Northern - 1200 SUB Driv	HAVRE	1933	14,360	$4,477,966.25
☑	Physical Plant Building	MSU-Northern - 300 13th Stre	HAVRE	1967	5,642	$1,710,710.93
☐	Pump House	MSU-Northern - 200 13th Stre	HAVRE	1985	100	$13,076.30
☐	Student & Family Housing 1210	1210 Bonine Drive	HAVRE	1960	6,912	$621,611.23
☐	Student & Family Housing 1215	1215 Bonine Drive	HAVRE	1960	8,124	$730,563.55
☐	Student & Family Housing 1220	1220 Bonine Drive	HAVRE	1960	3,840	$345,338.38
☐	Student & Family Housing 1225	1225 Bonine Drive	HAVRE	1960	8,124	$730,563.55
☐	Student & Family Housing 1230	1230 Bonine Drive	HAVRE	1960	11,692	$1,051,487.60
☐	Student Union	MSU-Northern 1150 - A SUB Dr	HAVRE	1960	29,323	$8,499,693.90

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - NORTHERN

☐	Tiber 2 bedroom home	206 Tiber Drive	HAVRE	1957	660	$34,023.75
☐	Tiber 2 bedroom house	208 Tiber Drive	HAVRE	1957	660	$34,023.75
☐	Tiber 2 bedroom house	210 Tiber Drive	HAVRE	1957	660	$34,023.75
☐	Tiber One Bedroom	212 Tiber Drive	HAVRE	1957	533	$27,473.78
☐	Tiber One Bedroom	200 Tiber Drive	HAVRE	1957	566	$29,176.58
☐	Tiber One Bedroom	202 Tiber Drive	HAVRE	1957	566	$29,176.58
☐	Tiber One Bedroom	204 Tiber Drive	HAVRE	1957	566	$29,176.58

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - NORTHERN: 35 Buildings **TOTAL SQ FT: 589,025** **TOTAL CRV: $173,305,402.60**

UNIVERSITY SYSTEM, MONTANA TECH OF THE UM

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	MGMB Billings Office	107 Grand Ave.	BILLINGS	1984	6,026	$0.00
☐	Alumni Coliseum Grandstand	1300 W. Park Street	BUTTE	1965	13,585	$1,136,500.75
☐	Alumni Coliseum Pavilion	1300 W. Park Street	BUTTE	1993	925	$10,464.05
☐	Alumni Coliseum Pressbox & Bleachers	1300 W. Park Street	BUTTE	1965	17,587	$1,627,052.28
☐	Alumni Coliseum Ticket Booth A	1300 W. Park Street	BUTTE	1990	153	$10,093.18
☐	Alumni Coliseum Ticket Booth B	1300 W. Park Street	BUTTE	1990	153	$13,056.95
☐	Alumni Coliseum Ticket Booth C	1300 W. Park Street	BUTTE	1990	153	$13,056.95
☐	Centennial Hall (Student Residence-East)	1225 Broadway	BUTTE	1999	33,879	$6,509,436.75
☐	Chancellor's Detached Garage	1315 W. Park St.	BUTTE	2017	1,000	$39,933.03
☑	Chancellor's Residence-H	1315 W. Park	BUTTE	1936	5,100	$1,235,637.25
☑	Chemistry - Biology Building (CBB) - H	1300 W. Park Street	BUTTE	1921	42,974	$12,272,735.35
☑	College of Technology	25 Basin Creek Rd.	BUTTE	1983	94,009	$17,539,111.98
☐	Connex #1	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #10	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #11	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #12	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #13	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #14	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #15	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #16	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #17	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #18	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #19	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #2	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #20	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #21	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #22	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #23	71 Melanie Lane	BUTTE		320	$6,096.33

UNIVERSITY SYSTEM, MONTANA TECH OF THE UM

☐	Connex #24	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #25	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #26	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #27	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #28	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #29	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #3	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #30	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #31	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #32	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #33	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #4	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #5	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #6	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #7	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #8	71 Melanie Lane	BUTTE		320	$6,096.33
☐	Connex #9	71 Melanie Lane	BUTTE		320	$6,096.33
☑	COT Garage	25 Basin Creek Road	BUTTE	2007	1,536	$73,370.90
☐	Coverdale Garage	1206 Granite	BUTTE	1900	575	$21,476.35
☑	Coverdale House	1206 Granite Butte, MT 59701	BUTTE	1900	1,144	$44,598.53
☑	Engineering Hall-H	1300 W. Park Street	BUTTE	1923	13,727	$3,688,234.70
☑	Engineering Laboratory-Classroom Building	1300 W. Park Street	BUTTE	1984	57,895	$15,623,177.10
☐	Family Student Housing - Lexington Apartments	1001 - 1039 Lexington Ave	BUTTE	1950	20,309	$2,771,800.43
☐	Family Student Housing - Missoula Apartments North	1001 - 1039 Missoula Ave	BUTTE	1950	20,309	$2,771,800.43
☐	Family Student Housing - Missoula Apartments South	1000 - 1038 Missoula Ave	BUTTE	1950	20,309	$2,771,800.43
☐	Family Student Housing - Storage Shed	1000 Missoula Avenue	BUTTE		100	$5,076.15
☑	Greenhouse	1300 W. Park Street	BUTTE	1976	1,596	$47,011.90
☑	Health Sciences Building (Former Petroleum Bldg)	1300 W. Park Street	BUTTE	1953	23,694	$7,827,140.58
☑	Health, Physical Education, & Recreation Bldg	1300 W. Park Street	BUTTE	1980	98,236	$23,429,879.78

UNIVERSITY SYSTEM, MONTANA TECH OF THE UM

☑	Heating Plant Building	1300 W. Park Street	BUTTE	1969	11,037	$1,493,405.05
☑	Highlands College Allied Trades Building	25 Basin Creek Road	BUTTE	2013	5,000	$488,683.18
☑	Library Building & Auditorium Building (joined)	1300 W. Park Street	BUTTE	1977	39,013	$11,500,495.13
☑	Main Hall-H	1300 W. Park Street	BUTTE	1896	37,794	$11,008,072.03
☑	MBMG Metal Storage Building	71 Melanie Lane	BUTTE	2018	10,000	$392,714.70
☑	Mill Building-H	1300 W. Park Street	BUTTE	1908	16,813	$5,094,825.98
☑	Mining Geology Building (M&G)	1300 W. Park Street	BUTTE	1972	39,536	$10,142,966.85
☑	Motor Pool Garage & Shed	71 Melanie Lane	BUTTE	1950	1,481	$78,590.03
☐	Motor Pool Shed	71 Melanie Lane	BUTTE	1950	350	$13,073.08
☑	MT Tech Offices - Garage - H.I.R.L. Program	71 Melanie Lane	BUTTE	1938	440	$23,349.00
☑	MT Tech Offices - North Bldg - H.I.R.L Program	71 Melanie Lane	BUTTE	1938	1,065	$136,576.60
☑	MT Tech Offices - South Bldg - H.I.R.L. Program	71 Melanie Lane	BUTTE	1938	1,065	$136,576.60
☑	MT Tech/MBMG Storage Building	71 Melanie Lane	BUTTE	1994	2,400	$119,121.83
☑	Museum Building-H	1300 W. Park Street	BUTTE	1940	28,194	$10,312,812.55
☑	Natural Resource Research Center Building (NRRC)	1300 West Park St.	BUTTE	2017	31,016	$11,082,732.93
☑	Natural Resources Building	1505 W. Park Street	BUTTE	2009	57,995	$20,679,388.00
☑	Physical Plant Building	1300 W. Park Street	BUTTE	1948	6,300	$312,697.08
☐	Prospector Hall (Student Residence-West)-H	1301 W. Park Street	BUTTE	1935	46,809	$8,610,709.15
☐	Reed House	1308 W. Broadway Street Butt	BUTTE		2,100	$81,869.85
☑	Science & Engineering Building (S&E)-H	1300 W. Park Street	BUTTE	1925	35,094	$8,206,260.83
☐	Stadium Flood Lighting	1300 W. Park Street	BUTTE		754	$85,510.88
☑	Student Success Center/Living Learning Center (SSC/LLC)	1300 West Park Street, Butte,	BUTTE	2019	82,220	$21,918,510.40
☐	Student Union Building	1300 W. Park Street	BUTTE	1960	43,322	$10,564,523.80
☑	UMEC Metal Building	1300 West Park Street	BUTTE	2018	6,000	$235,630.33
☐	UMEC Portable Office Building	1300 W. Park Street	BUTTE		1,000	$90,450.50
☑	Welding & Concrete Shop	1550 W. Granite	BUTTE	1997	2,100	$294,567.20

UNIVERSITY SYSTEM, MONTANA TECH OF THE UM: 83 Buildings **TOTAL SQ FT: 994,432** **TOTAL CRV: $232,787,737.98**

UNIVERSITY SYSTEM, MSU, AGRICULTURAL EXPERIMENT STATION

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	BART Post Farm CHEM STORAGE	216 Linfield Hall	BOZEMAN		1,600	$317,372.25
☑	FT ELLIS SHEEP SHELTER 1	33336 Frontage Road	BOZEMAN	1985	128	$1,421.15
☑	FT ELLIS SHEEP SHELTER 2	33336 Frontage Road	BOZEMAN	1986	125	$1,388.90
☑	FT ELLIS SHEEP SHELTER 3	33336 Frontage Road	BOZEMAN	1986	768	$8,523.68
☑	FT ELLIS SHEEP SHELTER 4	33336 Frontage Road	BOZEMAN		128	$0.00
☑	FT ELLIS SHEEP SHELTER 5	33336 Frontage Road	BOZEMAN	1985	160	$1,775.90
☑	FT ELLIS STORAGE	33336 Frontage Road	BOZEMAN	1933	2,592	$126,266.28
☑	FT ELLIS STORE HOUSE	33336 Frontage Road	BOZEMAN	1933	120	$5,843.70
☑	FT. ELLIS CONFINEMENT SHED	33336 Frontage Road	BOZEMAN	1978	3,553	$436,549.98
☑	FT. ELLIS GRAIN BINS	33336 Frontage Road	BOZEMAN	1986	900	$2,891.75
☑	FT. ELLIS GRANARY & GARAGE	33336 Frontage Road	BOZEMAN	1925	4,186	$514,324.08
☑	FT. ELLIS HAY SHELTER (WEST)	33336 Frontage Road	BOZEMAN	1958	2,400	$294,882.18
☑	FT. ELLIS HORSE BARN/LAB	33336 Frontage Road	BOZEMAN	1931	2,232	$274,241.10
☑	FT. ELLIS OIL SHED	33336 Frontage Road	BOZEMAN	1965	100	$12,287.25
☑	FT. ELLIS PUMP HOUSE	33336 Frontage Road	BOZEMAN	1933	75	$9,214.90
☑	FT. ELLIS RAM TEST SHED	33336 Frontage Road	BOZEMAN	1933	5,220	$641,371.88
☑	FT. ELLIS RESIDENCE	33336 Frontage Road	BOZEMAN	1931	2,129	$261,587.28
☑	FT. ELLIS SCALE HOUSE	33336 Frontage Road	BOZEMAN	1933	2,988	$367,130.78
☑	FT. ELLIS SECOND HOUSE	33336 Frontage Road	BOZEMAN	1932	1,100	$135,154.38
☑	FT. ELLIS SHEEP SHED 'A' & SHOP	33336 Frontage Road	BOZEMAN	1919	8,288	$370,381.58
☑	LUTZ FARM 2-SHEDS	McGuire Creek Road	BOZEMAN		210	$25,804.30
☑	LUTZ FARM COW BARN	McGuire Creek Road	BOZEMAN		1,800	$221,164.05
☑	LUTZ FARM GARAGE	McGuire Creek Road	BOZEMAN	1951	545	$66,962.83
☑	LUTZ FARM GRAIN BIN 1-2200BU	McGuire Creek Road	BOZEMAN		180	$3,612.00
☑	LUTZ FARM GRAIN BIN 2-3300BU	McGuire Creek Road	BOZEMAN		480	$8,675.25
☑	LUTZ FARM GRAINERY	McGuire Creek Road	BOZEMAN		800	$98,293.70
☑	LUTZ FARM MACHINE SHED #1	McGuire Creek Road	BOZEMAN		1,200	$147,440.55
☑	LUTZ FARM MACHINE SHED #2	McGuire Creek Road	BOZEMAN	1997	1,150	$141,298.00

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☑	LUTZ FARM OUTHOUSE	McGuire Creek Road	BOZEMAN		16	$1,431.90
☑	LUTZ FARM RESIDENCE	McGuire Creek Road	BOZEMAN		1,500	$184,301.23
☑	POST FARM AG ENGINEERING SHED	8341 Huffine	BOZEMAN	1978	2,640	$324,372.65
☑	POST FARM CHEMICAL STORAGE	8341 Huffine	BOZEMAN	1992	400	$49,146.85
☑	POST FARM COMBINE/EQUIPMENT SHED	8341 Huffine	BOZEMAN	1992	3,200	$393,178.03
☑	POST FARM FUEL TANK	8341 HUFFINE	BOZEMAN	1986	50	$21,682.75
☑	POST FARM MACHINE SHED	8341 Huffine	BOZEMAN	1987	2,000	$245,734.25
☑	POST FARM NEW FNDN SEED STORAGE	8341 HUFFINE	BOZEMAN	2008	4,700	$297,711.58
☑	POST FARM PUMP HOUSE-EAST	8341 Huffine	BOZEMAN	1968	80	$9,828.73
☑	POST FARM PUMP HOUSE-WEST	8341 Huffine	BOZEMAN		80	$9,828.73
☑	POST FARM SEED BINS 3-700 BU	8341HUFFIN	BOZEMAN	1986	50	$6,504.83
☑	POST FARM SEED PLANT	8341 Huffine	BOZEMAN	1967	1,152	$141,545.25
☑	POST FARM SEED STORAGE SHED	8341 Huffine	BOZEMAN	1978	2,640	$324,372.65
☑	POST FARM SHOP BUILDING	8341 Huffine	BOZEMAN	1987	3,000	$368,603.53
☑	POST FARM TRACTOR/MACHINE SHED	8341 Huffine	BOZEMAN	1978	2,640	$324,372.65
☑	POST FARM WEATHER STATION	8341 Huffine	BOZEMAN		80	$9,828.73
☑	WTARC CHEM BUILDING	WTARC 9546 Old Shleby Road	CONRAD		690	$236,750.48
☑	WTARC EQPT STORAGE & SHOP	WTARC 9546 Old Shelby road	CONRAD	1979	6,000	$737,207.05
☑	WTARC FERTILIZER STORAGE BLDG	WTARC 9546 Old Shelby Road	CONRAD	1980	192	$23,593.03
☑	WTARC LABORATORY/OFFICE BLDG	WTARC 9546 Old Shleby Road	CONRAD	1984	2,421	$297,462.18
☑	WTARC MODULAR OFFICE	WTARC 9546 Old Shelby Road	CONRAD	1999	360	$32,724.08
☑	WTARC SEED PROCESSING LAB	WTARC 9546 Old Shelby Road	CONRAD	2009	2,160	$292,297.88
☑	WARC BIO LAB/GREENHOUSE	580 Quast Lane	CORVALLIS	1980	1,536	$188,724.85
☑	WARC BIO LABORATORY/LUNCH ROOM	580 Quast Lane	CORVALLIS	1910	826	$101,490.75
☑	WARC CHEM BUILDING	580 NE Quast Lane	CORVALLIS		1,560	$64,237.70
☑	WARC EAST LAB	580 Quast Lane	CORVALLIS	1956	2,200	$270,308.75
☑	WARC FOOD/COLD STORAGE	580 Quast Lane	CORVALLIS	1925	660	$81,092.63
☑	WARC GRIND RM/GREENHS	580 Quast Lane	CORVALLIS	1926	1,383	$169,927.40
☑	WARC MAIN OFFICE	580 Quast Lane	CORVALLIS	1911	2,304	$283,086.20

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☑	WARC PESTICIDE SHED	580 Quast Lane	CORVALLIS	1987	275	$33,790.48
☑	WARC PUMP HOUSE #2	580 Quast Lane	CORVALLIS	1998	36	$4,422.55
☑	WARC STORAGE CARPORT	580 Quast Lane	CORVALLIS	2001	576	$28,058.58
☑	WARC STORAGE SHED #2	580 Quast Lane	CORVALLIS	1999	300	$36,860.68
☑	WARC TRACTOR SHED & SHOP	580 Quast Lane	CORVALLIS	1935	2,520	$309,627.95
☑	NARC 10-TON GLV HB FEED GRAIN BIN	NARC STAR ROUTE 36, BOX 43	HAVRE	1980	50	$1,445.88
☑	NARC 1100 BU STEFFES BINs (2)	STAR ROUTE 36, BOX 43	HAVRE	1996	50	$20,235.80
☑	NARC 1100 BU STEFFES BINs (2)	NARC 3711 Assinniboine Rd.	HAVRE	1996	50	$623.50
☑	NARC 6 TON GLV HB FEED GRAIN BIN	STAR ROUTE 36, BOX 43	HAVRE	1983	50	$648.23
☑	NARC BEHLEN FEED BIN 4709BU	NARC Star Route 36, Box 43	HAVRE	1994	600	$4,336.55
☑	NARC BULL BARN - Fort Ice House	NARC Star Route 36, Box 43	HAVRE	1904	7,965	$978,642.38
☑	NARC CALVING BARN	NARC 3710 Assinniboine Rd	HAVRE	2010	10,320	$486,583.70
☑	NARC Chem Handling Building	NARC 3710 Assiniboine Road	HAVRE	2016	2,160	$398,041.33
☑	NARC DUPLEX GARAGE	NARC Star Route 36, Box 43	HAVRE	1927	420	$51,604.30
☑	NARC EQUIP STORAGE BLDG#1	NARC 3710 Assinniboine Road	HAVRE	2006	14,000	$1,359,937.35
☑	NARC EQUIP STORAGE SHED BLDG # 1	NARC 3710 Assinniboine Road	HAVRE	2006	14,000	$525,522.35
☑	NARC FEED GRAIN BIN 1512-E 1	NARC 3709 Assinniboine Rd.	HAVRE	1996	50	$623.50
☑	NARC FEED GRAIN BIN 1512-E 2	NARC 3707 ASSINNIBOINE RD.	HAVRE	1996	50	$623.50
☑	NARC FEED GRAIN BIN 1512-E 3	NARC 3708 Assinniboine Rd.	HAVRE	1996	50	$623.50
☑	NARC FEED GRAIN BIN 1520-E (1)	NARC STAR ROUTE 36, BOX 43	HAVRE	2000	50	$11,562.70
☑	NARC FEED GRAIN BINS 1512-E (4)	NARC STAR ROUTE 36, BOX 43	HAVRE	1996	50	$32,524.13
☑	NARC FEED SUPPLEMENT STORAGE	NARC STAR ROUTE 36, BOX 43	HAVRE	1999	450	$35,386.85
☑	NARC FENCING SHED- Fort Carriage House	NARC Star Route 36, Box 43	HAVRE	1883	1,000	$122,869.28
☑	NARC FNDN SEED BIN 705-E	NARC 3714 Assinniboine Rd.	HAVRE	1991	50	$623.50
☑	NARC FNDN SEED BIN 705-E	NARC 3711 Assinniboine Rd.	HAVRE	1989	50	$5,060.03
☑	NARC FNDN SEED BIN 705-E	NARC 3713 Assinniboine Rd.	HAVRE	1991	50	$4,336.55
☑	NARC FNDN SEED BIN 710-E	NARC 3710 Assinniboine Rd.	HAVRE	1996	50	$623.50
☑	NARC FNDN SEED BIN 710-E	NARC 3709 Assinniboine Rd.	HAVRE	1997	50	$5,781.35
☑	NARC FNDN SEED BIN 710-E	NARC 3708 Assinniboine Rd.	HAVRE	1997	50	$623.50

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☑	NARC FNDN SEED BINS 705-E	NARC 3712 Assinniboine Rd.	HAVRE	1989	50	$623.50
☑	NARC FNDN SEED BINS 710-E	NARC STAR ROUTE 36, BOX 43	HAVRE	1996	50	$5,781.35
☑	NARC FORT CENTER STABLE GUARD HOUSE	NARC Star Route 36, Box 43	HAVRE	1905	1,749	$214,898.95
☑	NARC FORT EAST STABLE GUARD HOUSE	NARC Star Route 36, Box 43	HAVRE	1905	1,749	$214,898.95
☑	NARC Fort STABLE - Rose Room	NARC Star Route 36, Box 43	HAVRE	1906	7,922	$973,357.68
☑	NARC FUEL TANK VAULT 1500 GAL	NARC STAR ROUTE 36, BOX 43	HAVRE	1995	50	$2,183.33
☑	NARC HAY/STEER BARN	NARC Star Route 36, Box 43	HAVRE	1927	8,976	$501,240.25
☑	NARC LOWER CALVING SHED	NARC Star Route 36, Box 43	HAVRE	1927	576	$70,772.63
☑	NARC OFFICE & SEED LAB	NARC 3710 Assinniboine Rd	HAVRE	2010	12,380	$2,823,588.55
☑	NARC OLD OFFICE - Fort Library	NARC Star Route 36, Box 43	HAVRE	1889	2,834	$348,207.55
☑	NARC OLD SHOP/ MACHINE SHED	NARC Star Route 36, Box 43	HAVRE	1937	6,040	$742,120.88
☑	NARC OLD SOILS LAB - Fort Post Traders	NARC Star Route 36, Box 43	HAVRE	1879	5,214	$640,635.50
☑	NARC OLD WAREHOUSE - Fort Ordinance Building	NARC Star Route 36, Box 43	HAVRE	1884	1,500	$184,301.23
☑	NARC PESTICIDE HOUSE - OLD	NARC Star Route 36, Box 43	HAVRE	1989	260	$43,366.58
☑	NARC PIVOT IRRIGATION SYSTEM 1 East	NARC 3710 Assinniboine Rd.	HAVRE	2014	1,103	$180,207.63
☑	NARC PIVOT IRRIGATION SYSTEM 2 West	NARC 3710 Assinniboine Rd.	HAVRE	2014	945	$180,207.63
☑	NARC Residence (Apt 9) - Fort NCO Housing	NARC Star Route 36, Box 43	HAVRE	1905	2,052	$252,125.13
☑	NARC Residences (Apts 7 & 8) Fort Married Officers	NARC Star Route 36, Box 43	HAVRE	1880	5,810	$713,862.35
☑	NARC Residences/Lab (Apt 1-6)Fort Bachelor's House	NARC Star Route 36, Box 43	HAVRE	1881	18,500	$2,726,078.53
☑	NARC SCALE HOUSE	NARC Star Route 36, Box 43	HAVRE	1927	888	$109,108.20
☑	NARC SEED HOUSE - Fort Guard House	NARC Star Route 36, Box 43	HAVRE	1905	7,819	$960,703.85
☑	NARC SHOP BUILDING	NARC Star Route 36, Box 43	HAVRE	1992	5,200	$638,912.28
☑	NARC STONE GARAGE/STORAGE - Fort Amusement Hall	NARC STAR ROUTE 36, BOX 43	HAVRE	1886	3,530	$433,723.80
☑	NARC THACKERAY CALVING SHED	NARC star route 36 box 43 (7	HAVRE	1980	1,750	$215,020.43
☑	NARC THACKERAY Chicken Coop 1	NARC Star Route 36 Box 43 (7	HAVRE	1986	625	$7,949.63
☑	NARC Thackeray Chicken Coop 2	NARC Star Route 36 Box 43 (7	HAVRE	1986	625	$7,949.63
☑	NARC THACKERAY GAMBREL RF BARN	NARC star route 36 box 43 (7	HAVRE		3,500	$430,035.48
☑	NARC THACKERAY GARAGE	NARC Star route 36 box 43 (7	HAVRE	1911	800	$98,293.70
☑	NARC THACKERAY GRANARY	NARC Star Route	HAVRE	1986	416	$4,634.33

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☑	NARC THACKERAY HAY SHED	NARC star route 36 box 43 (7	HAVRE	1925	625	$75,346.75
☑	NARC THACKERAY HOUSE	NARC Star Route 36 box 43 (7	HAVRE	1910	1,008	$123,851.83
☑	NARC THACKERAY MACHINE SHED	NARC star route 36 box 43 (7	HAVRE	1980	3,000	$368,603.53
☑	NARC THACKERAY OUTHOUSE	NARC star route 36 box 43 (7	HAVRE		16	$1,431.90
☑	NARC THACKERAY PUMP (SPRING) HSE	NARC star route 36 box 43 (7	HAVRE	1926	144	$76,795.85
☑	NARC THACKERAY RED MACHINE SHED	NARC Star Route 36 Box 43 (7	HAVRE	1986	400	$15,014.53
☑	NARC THACKERAY SHOP	NARC star route 36 box 43 (7	HAVRE	1935	1,872	$230,009.15
☑	NARC THACKERAY STOCK SHED	NARC star route 36 box 43 (7	HAVRE	1935	1,300	$159,732.10
☑	NARC VALVE HOUSE	NARC Star Route 36, Box 43	HAVRE	1927	90	$11,057.45
☑	NARC WELL HOUSE	NARC Star Route 36, Box 43	HAVRE	1927	312	$38,333.43
☑	NARC WEST STABLE GUARD HOUSE	NARC Star Route 36, Box 43	HAVRE	1905	1,749	$214,898.95
☑	NARC WILRAY LG FEED TANK -5500 Gal	NARC - 3710 Assinniboine Roa	HAVRE		-00	$0.00
☑	SARC Canal Bridge	748 RR Hwy	HUNTLEY	1963	400	$0.00
☑	SARC CEREAL/CROPS LAB	748 RR Hwy	HUNTLEY	1928	760	$93,379.88
☑	SARC Dairy Barn and Silos (2)	748 RR Hwy	HUNTLEY	1916	12,044	$153,203.63
☑	SARC Dairy Barn East Annex, Milk House	748 RR Hwy	HUNTLEY	1917	823	$7,040.18
☑	SARC Dairy Barn South Annex	748 RR Hwy	HUNTLEY	1917	4,125	$64,037.75
☑	SARC Dairy Barn West Annex	748 RR Hwy	HUNTLEY	1917	1,706	$64,037.75
☑	SARC E. RESIDENCE GARAGE	748 RR Hwy	HUNTLEY	1920	672	$82,566.45
☑	SARC FEED MILL	748 RR Hwy	HUNTLEY	1950	240	$29,487.25
☑	SARC HARVESTORE SILO	748 RR Hwy	HUNTLEY	1966	680	$34,452.68
☑	SARC HOMESTEADER HALL (LEASED TO HP Lions)	748 RR Hwy	HUNTLEY	1928	3,200	$269,973.35
☑	SARC HORSE BARN/MACHINE SHED	748 RR Hwy	HUNTLEY	1959	3,737	$459,158.30
☑	SARC Irrigation Pump House, Pump House No. 2	748 RR Hwy	HUNTLEY	1951	48	$5,897.45
☑	SARC LG BUSHEL BINS (3)	748 RR Hwy	HUNTLEY	1950	11,400	$529,560.05
☑	SARC Linear Irrigation System	748 RR Hwy	HUNTLEY	2009	598	$122,188.80
☑	SARC MACHINE SHED #1	748 RR Hwy	HUNTLEY	1916	2,852	$350,416.68
☑	SARC MACHINE SHED #3	748 RR Hwy	HUNTLEY	1948	5,040	$619,253.75
☑	SARC MACHINE SHED #4	748 RR HWY	HUNTLEY	2006	5,000	$614,339.93

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☑	SARC OFFICE	748 RR HWY	HUNTLEY	2005	5,550	$845,966.95
☑	SARC PESTICIDE STORAGE/LAB BUILDING	748 RR Hwy	HUNTLEY	2007	750	$289,100.83
☑	SARC RESIDENCE #3	748 RR Hwy	HUNTLEY	1917	1,784	$219,195.73
☑	SARC RESIDENCE #4	748 RR Hwy	HUNTLEY	1917	2,182	$268,097.48
☑	SARC SHOP	748 RR HWY	HUNTLEY	2006	5,000	$614,339.93
☑	SARC SHOP/MACHINE SHED	748 RR Hwy	HUNTLEY	1920	6,700	$823,213.50
☑	SARC SM BUSHEL BINS (2)	748 RR Hwy	HUNTLEY	1950	1,050	$2,168.28
☑	SARC Storage Shed next to wet lab	748 RR Hwy	HUNTLEY	2000	120	$1,026.63
☑	SARC TRUCK SCALE HOUSE & SCALE	748 RR Hwy	HUNTLEY	1928	160	$19,659.60
☑	SARC W. RESIDENCE GARAGE	748 RR Hwy	HUNTLEY	1917	620	$76,176.65
☑	SARC Well House, Pump House No. 1	748 RR Hwy	HUNTLEY	1928	189	$18,692.10
☑	SARC WX Yard and Station	748 RR Hwy	HUNTLEY	1986	-00	$0.00
☑	NWARC BEHLEN GRAIN TANK 1000BU	4570 MONTANA 35	KALISPELL	1970	50	$2,891.75
☑	NWARC BOOT SHED	4570 Montana 35	KALISPELL	1984	112	$13,762.15
☑	NWARC DOERR GRAIN TANK 3-800BU	4570 Montana 93	KALISPELL	1984	1,000	$162,387.35
☑	NWARC FOUNDATION HOPPER 4-200BU	4570 Montana 35	KALISPELL	1984	1,000	$2,168.28
☑	NWARC FUEL TANKS	4570 Montana 35	KALISPELL	1995	1	$0.00
☑	NWARC GARAGE	4570 Montana 35	KALISPELL	2002	896	$110,089.68
☑	NWARC GREENHOUSE	4570 Montana 35	KALISPELL	2002	1,296	$159,237.60
☑	NWARC HEAD HOUSE/DRY LAB	4570 MONTANA 35	KALISPELL	2009	2,916	$394,602.40
☑	NWARC LAB BLDG/VEHICLE SHED	4570 Montana 35	KALISPELL	1963	1,728	$212,314.65
☑	NWARC MACHINE SHED	4570 Montana 35	KALISPELL	1985	5,000	$614,339.93
☑	NWARC MISC STORAGE	4570 MONTANA 35	KALISPELL	1990	80	$12,287.25
☑	NWARC NEW CHEM BUILDING	4570 MT 35	KALISPELL		713	$243,655.20
☑	NWARC NEW SHOP	4570 MT 35	KALISPELL		4,181	$654,582.55
☑	NWARC OFFICES/CROPS LAB	4570 Montana 35	KALISPELL	1957	2,560	$314,541.78
☑	NWARC OLD SHOP	4570 Montana 35	KALISPELL	1963	2,304	$283,086.20
☑	NWARC POLE BARN	4570 MONTANA 35	KALISPELL	1997	1,920	$235,907.68
☑	NWARC RESIDENCE #1	4570 Montana 35	KALISPELL	1925	1,000	$122,869.28

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☑	NWARC SEED & PLANT PROC RESRCH	4570 Montana 35	KALISPELL	2009	3,136	$383,186.98
☑	NWARC TRUCK SCALE	4570 Montana 35	KALISPELL	1967	20	$2,457.45
☑	CARC DAIRY BARN/LAB	52583 US Hwy 87	MOCCASIN	1922	1,200	$147,440.55
☑	CARC GR BINS BU BUTLER	52583 US Hwy 87	MOCCASIN		-00	$0.00
☑	CARC GR BINS BU BUTLER	52583 US Hwy 87	MOCCASIN		380	$4,922.43
☑	CARC GR BINS BU BUTLER	52583 US Hwy 87	MOCCASIN	1965	380	$10,840.30
☑	CARC GRAIN BIN	52583 US Hwy 87	MOCCASIN	1996	47	$14,454.45
☑	CARC Grain Bin 1-100 BU	52583 US Hwy 87	MOCCASIN	1967	30	$389.15
☑	CARC Grain Bin 1-100 BU	52583 US Hwy 87	MOCCASIN	1967	30	$389.15
☑	CARC Grain Bin 1-100 BU	52583 US Hwy 87	MOCCASIN	1967	30	$389.15
☑	CARC Grain Bin 1-500 BU BROCK	52583 US Hwy 87	MOCCASIN	1976	79	$1,025.55
☑	CARC Grain Bin 1-500 BU BROCK	52583 US Hwy 87	MOCCASIN	1976	79	$1,025.55
☑	CARC Grain Bin 1-500 BU BROCK	52583 US Hwy 87	MOCCASIN	1976	79	$1,025.55
☑	CARC GRAIN BIN 1-590 BU	52583 US Hwy 87	MOCCASIN	1995	182	$2,357.48
☑	CARC GRAIN BINS 4-500BU	52583 US Hwy 87	MOCCASIN	1986	50	$2,891.75
☑	CARC GREENHOUSE	52583 US Hwy 87	MOCCASIN	1968	544	$66,840.28
☑	CARC HORSEBARN/SEED LAB	52583 US Hwy 87	MOCCASIN	1911	1,344	$165,133.98
☑	CARC HOUSE	52583 US Hwy 87	MOCCASIN	1908	1,024	$125,816.93
☑	CARC IMPLEMENT SHED	52583 US Hwy 87	MOCCASIN	1921	3,680	$452,154.68
☑	CARC OFFICE	52583 US Hwy 87	MOCCASIN	2003	1,500	$184,301.23
☑	CARC PESTICIDE HANDLING	52583 US Hwy 87	MOCCASIN	2007	1,152	$269,470.25
☑	CARC POLE SHED	52583 US Hwy 87	MOCCASIN	1979	2,604	$319,949.03
☑	CARC PUMP HOUSE	52583 US Hwy 87	MOCCASIN	1915	80	$9,828.73
☑	CARC SEED PLANT	52583 US Hwy 87	MOCCASIN	1969	2,880	$353,857.75
☑	CARC STORAGE SHED/CAR GARAGE	52583 US Hwy 87	MOCCASIN	1918	480	$58,976.65
☑	CARC STORAGE/LAB EQUIP	52583 US Hwy 87	MOCCASIN	1987	216	$26,538.53
☑	CARC VEHICLE STORAGE	52583 US HWY	MOCCASIN		2,912	$453,591.95
☑	RED BLUFF 2-BOTTOM HOPPER BINS	3 miles # of Norris	NORRIS	1928	240	$7,227.23
☑	RED BLUFF BUTLER BIN	3 miles east of Norris	NORRIS	1966	2,800	$46,452.90

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☑	RED BLUFF LAMBING BARN	3 MILES EAST OF NORRIS	NORRIS	1983	5,600	$86,541.80
☑	RED BLUFF LUMBER SHED	3 miles east of Norris	NORRIS	1961	656	$80,602.43
☑	RED BLUFF MIXING BARN	3 MILES EAST OF NORRIS	NORRIS		7,500	$74,626.50
☑	Red Bluff Mixing Barn #2	State Hwy 84	NORRIS	2015	1,600	$22,324.53
☑	RED BLUFF NEW MAIN RESIDENCE #1	3 MILES EAST OF NORRIS	NORRIS	2009	1,680	$226,472.40
☑	RED BLUFF NEW RES #2 GARAGE	3 MILES EAST OF NORRIS	NORRIS	2009	624	$84,119.83
☑	RED BLUFF NEW RESIDENCE #2	3 MILES EAST OF NORRIS	NORRIS	2009	972	$131,031.75
☑	RED BLUFF NEW SHOP	3 miles east of Norris	NORRIS	2009	2,625	$353,860.98
☑	RED BLUFF POLE CALVING BARN	3 miles east of Norris	NORRIS	2002	9,600	$1,123,147.10
☑	RED BLUFF SHEEP OFFICE	3 miles east of Norris	NORRIS	1930	600	$73,722.43
☑	REDBLUFF NEW MAIN RESIDENCE GARAGE	3 MILES EAST OF NORRIS	NORRIS	2009	624	$84,119.83
☑	EARC 2007 MACHINERY STORAGE BUILDING	1501 N CENTRAL AVE	SIDNEY	2007	4,000	$182,417.83
☑	EARC 2015 MANUFACTURED HOUSE	EARC - 1501 N CENTRAL AVEN	SIDNEY	2015	1,280	$57,029.83
☑	EARC CHEMICAL STORAGE/HANDLING FACILITY	1501 N CENTRAL AVE	SIDNEY	2007	432	$19,700.45
☑	EARC DRYLAND MACHINE SHED	7 MILES EAST OF SIDNEY	SIDNEY	2017	2,000	$80,264.88
☑	EARC EAST LINEAR IRRIGATION SYSTEM	1501 N Central Ave	SIDNEY		1,760	$116,602.03
☑	EARC FOREMAN RESIDENCE	1 mile N of Sidney, Hwy 200	SIDNEY	1970	1,625	$199,661.90
☑	EARC FOUNDATION SEED BLDG	1 mile N of Sidney, Hwy 200	SIDNEY	1986	1,600	$196,589.55
☑	EARC GAZEBO	1501 N CENTRAL AVE	SIDNEY	2018	144	$1,231.95
☑	EARC GRAIN BIN HOPPER BOTTOM, 547 BU	1501 N Central Ave	SIDNEY	1996	300	$648.23
☑	EARC GRAIN BIN HOPPERBOTTOM,547BU	1501 N Central Ave	SIDNEY	1996	300	$0.00
☑	EARC GRANARY	1 mile N of Sidney, Hwy 200	SIDNEY	1963	2,560	$314,541.78
☑	EARC HOOP HOUSE	1501 N CENTRAL AVE	SIDNEY	2017	800	$17,821.35
☑	EARC HUBER SEED CLEANING BLDG	1 mile N of Sidney, Hwy 200	SIDNEY	1982	4,800	$589,767.58
☑	EARC LORRICH HOPPER BOTTOM BINS 1400	1501 N Central Ave	SIDNEY		300	$648.23
☑	EARC LORRICH HOPPER BOTTOM BINS, 1400	1501 N Central Ave	SIDNEY		300	$648.23
☑	EARC MACHINERY SHED	1 mile N of Sidney, Hwy 200	SIDNEY	1957	3,200	$393,178.03
☑	EARC Manufactured House	1501 N. Central Ave.	SIDNEY	2014	1,190	$51,071.10
☑	EARC OFFICE/GREENHOUSE	1501 N. Central	SIDNEY	2011	15,963	$1,048,258.30

UNIVERSITY SYSTEM, MSU, AGRICULTURAL EXPERIMENT STATION

☑	EARC OLD CHEM STOR/SEED QUONSET	1 mile N of Sidney, Hwy 200	SIDNEY	1951	1,008	$123,851.83
☑	EARC POTTING STORAGE SHED	1501 N CENTRAL AVE	SIDNEY	2019	120	$1,026.63
☑	EARC STEAM GENERATOR HOUSE	EARC 1501 N CENTRAL AVE	SIDNEY	2017	168	$20,584.10
☑	EARC SUPERINTEDENT RESIDENCE	1 mile N of Sidney, Hwy 200	SIDNEY	1950	1,037	$127,413.30
☑	EARC WEST LINEAR IRRIGATION SYSTEN	1501 N. Central Ave	SIDNEY		1,685	$116,602.03

UNIVERSITY SYSTEM, MSU, AGRICULTURAL EXPERIMENT STATION: 236 Buildings **TOTAL SQ FT: 470,496** **TOTAL CRV: $48,817,134.60**

UNIVERSITY SYSTEM, UNIVERSITY OF MONTANA - MISSOULA

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	(Uncle Bobs Cabin)	38689 Hwy 200 E.	BONNER	1954	651	$72,888.23
☐	Assistant Manager's Garage	38689 Hwy. 200 East	BONNER	1966	225	$35,888.88
☐	Assistant Manager's House	38689 Hwy 200 East	BONNER	1966	1,941	$309,601.08
☐	Boxcar 10	38689 Hwy 200 E.	BONNER	1967	489	$31,197.58
☐	Boxcar 11	38689 Hwy 200 E.	BONNER	1959	503	$32,090.90
☐	Boxcar 12	38689 Hwy 200 E.	BONNER	1959	486	$31,006.23
☐	Boxcar 14	38689 Hwy 200 E.	BONNER	1959	490	$31,262.08
☐	Boxcar 8	38689 Hwy 200 E.	BONNER	1967	494	$31,331.95
☐	Boxcar 9	38689 Hwy 200 E.	BONNER	1967	489	$31,197.58
☐	Boxcar13	38689 Hwy 200 E.	BONNER	1959	492	$31,390.00
☐	Cabin No. 1	38689 Hwy 200 E.	BONNER	1955	195	$12,443.13
☐	Cabin No. 2	38689 Hwy 200 E.	BONNER	1955	195	$12,443.13
☐	Cabin No. 3	38689 Hwy 200 E.	BONNER	1955	195	$12,443.13
☐	Cabin No. 4	38689 Hwy 200 E.	BONNER	1955	195	$12,443.13
☐	Cabin No. 5	38689 Hwy 200 E.	BONNER	1955	195	$12,443.13
☐	Cabin No. 6	38689 Hwy 200 E.	BONNER	1955	195	$12,443.13
☐	Cabin No. 7	38689 Hwy 200 E.	BONNER	1955	195	$12,443.13
☑	Castle Forestry Center	38689 Hwy 200 E.	BONNER	1981	5,184	$1,506,769.45
☐	Equipment Barn Lubrecht	38689 Hwy 200 E.	BONNER	2003	3,750	$240,284.00
☐	Kitchen & Mess Hall	38689 Hwy 200 E	BONNER	1955	1,908	$531,154.28
☐	Log Cabin (Unfinished Lubrecht)	38689 HWY 200 E.	BONNER		560	$20,287.40
☐	Log Cabin Entrance Lubrecht	38689 Hwy 200 East	BONNER		650	$69,709.45
☐	Lubrecht Duplex	38689 HWY 200 E	BONNER	1997	942	$150,253.83
☐	Lubrecht Lodge (Dormitory)	38689 Hwy 200E	BONNER		5,732	$1,506,769.45
☐	Lubrecht Pavillion	38689 Hwy 200 East	BONNER	2006	1,728	$35,372.88
☐	Manager's Garage	38689 Hwy 200 E.	BONNER	1976	750	$119,631.38
☐	Manager's House	38689 Hwy 200 E.	BONNER	1975	2,617	$417,426.80
☐	Pottery Kiln Building	38689 Hwy 200 E.	BONNER	1985	652	$73,111.83

UNIVERSITY SYSTEM, UNIVERSITY OF MONTANA - MISSOULA

☐	Pump House	38689 Hwy 200 East	BONNER	1982	300	$47,851.48
☐	Quonset Shop	38689 Hwy 200 E.	BONNER	1966	760	$84,855.13
☐	Recreation Hall	38689 Hwy 200 E.	BONNER	1955	825	$244,103.48
☐	Sawmill	38689 Hwy 200 E.	BONNER	1985	793	$50,594.88
☐	Shop Complex Lubrecht	38689 Hwy 200 E.	BONNER	1998	3,971	$443,365.48
☐	Shower/Latrine (Bathhouse)	38689 Hwy 200 E	BONNER	1982	685	$76,481.95
☐	Staff Cabin 1	38689 Hwy 200 East	BONNER	1966	506	$80,708.85
☐	Staff Cabin 2	38689 Hwy 200 East	BONNER	1966	506	$80,708.85
☐	Steel Shed (Old Welding Shop)	38689Hwy 200 East	BONNER	1972	371	$41,425.13
☐	Storage BLDG (Old Classroom)	38689 Hwy. 200 East	BONNER	1966	999	$63,737.83
☐	Tool Shed	38689 Hwy 200 East	BONNER	1955	195	$12,443.13
☐	Woodshed	38689 HWY 200 E.	BONNER	2019	237	$8,586.03
☑	Daly Garage/Tackroom (aka boathouse)	251 Eastside Hwy	HAMILTON		320	$21,223.73
☑	Daly Gazebo	251 Eastside Hwy	HAMILTON	2000	128	$14,150.23
☑	Daly Greenhouse	251 Eastside Highway	HAMILTON	1890	1,000	$112,132.18
☑	Daly Ice House	251 Eastside Highway	HAMILTON	1890	130	$81,194.75
☑	Daly Laundry Building	251 Eastside Highway	HAMILTON	1890	2,200	$99,018.25
☑	Daly Mansion	251 Eastside Highway	HAMILTON	1910	28,523	$11,386,859.03
☑	Daly Playhouse(3/4 size)	251 Eastside Highway	HAMILTON	1890	525	$34,926.75
☐	Daly Pole Shed (South Lawn)	251 Eastside Hwy	HAMILTON	2004	300	$70,744.68
☑	Daly Pool and Bath House	251 Eastside Hwy	HAMILTON		2,700	$28,271.43
☑	Daly Public Restrooms	251 Eastside Hwy	HAMILTON	2004	300	$56,226.80
☑	Daly Wellhouse	251 Eastside Hwy	HAMILTON		240	$10,613.48
☐	KUFM Hamilton (Grubstake)	1017 Grub Stake Rd (by)	HAMILTON		80	$5,817.90
☑	KUFM Libby Transmitter	190 Gilcrease LN	LIBBY	2011	80	$5,817.90
☐	1000-1006 Yreka Court	1000-1006 Yreka Court	MISSOULA	1967	1,968	$313,907.53
☐	100-106 Helena Court N	100-106 Helena Court N	MISSOULA	1966	2,502	$399,081.93
☐	1008-1014 Yreka Court	1008-1014 Yreka Court	MISSOULA	1967	2,446	$390,150.83
☐	101-107 Helena Court N	101-107 Helena Court N	MISSOULA	1966	2,502	$399,081.93

UNIVERSITY SYSTEM, UNIVERSITY OF MONTANA - MISSOULA

☐	1016-1022 Yreka Court	1016-1022 Yreka Court	MISSOULA	1967	1,942	$309,760.18
☐	1024-1030 Yreka Court	1024-1030 Yreka Court	MISSOULA	1967	2,446	$390,150.83
☐	1032-1042 Yreka Court	1032-1042 Yreka Court	MISSOULA	1967	6,024	$960,861.88
☐	1044-1050 Yreka Court	1044-1050 Yreka Court	MISSOULA	1967	4,016	$640,575.30
☐	108-114 Helena Court N	108-114 Helena Court N	MISSOULA	1966	1,994	$318,057.03
☐	109-115 Helena Court N	109-115 Helena Court N	MISSOULA	1966	1,994	$318,057.03
☐	1101-1110 Coloma Drive	1101-1110 Coloma Drive	MISSOULA	1996	9,404	$1,443,373.48
☐	1111-1115 Coloma Drive	1111-1115 Coloma Drive	MISSOULA	1996	4,888	$779,664.18
☐	116-122 Helena Court N	116-122 Helena Court N	MISSOULA	1966	2,502	$399,081.93
☐	117-123 Helena Court N	117-123 Helena Court N	MISSOULA	1966	2,502	$399,081.93
☐	1201-1204 Coloma Drive	1201-1204 Coloma Drive	MISSOULA	1996	2,006	$319,969.45
☐	1205-1208 Coloma Drive	1205-1208 Coloma Drive	MISSOULA	1996	2,006	$319,969.45
☐	1301-1304 Granite Court	1301-1304 Granite Court	MISSOULA	1996	3,494	$557,314.40
☐	1305-1309 Granite Court	1305-1309 Granite Court	MISSOULA	1996	4,888	$779,664.18
☑	1325 Gerald - President's House	1325 Gerald	MISSOULA	1974	7,117	$1,135,202.15
☐	1401-1407 Granite Court	1305-1309 Granite Court	MISSOULA	1996	6,201	$989,094.60
☐	1408-1412 Granite Court	1408-1412 Granite Court	MISSOULA	1996	4,888	$779,664.18
☐	1501-1504 Cinnabar Drive	1501-1504 Cinnabar Drive	MISSOULA	1996	2,006	$319,969.45
☐	1603-1608 Cinnabar Drive	1603-1608 Cinnabar Drive	MISSOULA	1996	7,530	$1,201,078.15
☐	1609-1613 Cinnabar Drive	1609-1613 Cinnabar Drive	MISSOULA	1996	4,888	$779,664.18
☐	1701-1704 Cinnabar Drive	1701-1704 Cinnabar Drive	MISSOULA	1996	2,996	$477,881.58
☐	1705-1713 Cinnabar Drive	1705-1713 Cinnabar Drive	MISSOULA	1996	5,746	$916,519.20
☐	1801-1808 Emigrant Court	1801-1808 Emigrant Court	MISSOULA	1996	5,225	$833,417.40
☐	1809-1812 Emigrant Court	1809-1812 Emigrant Court	MISSOULA	1996	3,747	$597,667.75
☐	1813-1820 Emigrant Court	1813-1820 Emigrant Court	MISSOULA	1996	5,225	$833,417.40
☐	1901-1908 Jardine Court	1901-1908 Jardine Court	MISSOULA	1996	4,936	$787,319.25
☐	1909-1912 Jardine Court	1909-1912 Jardine Court	MISSOULA	1996	3,746	$597,508.65
☐	1913-1920 Jardine Court	1913-1920 Jardine Court	MISSOULA	1996	4,936	$787,319.25
☐	2001-2008 Laurin Court	2001-2008 Laurin Court	MISSOULA	1996	4,936	$787,319.25

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☐	200-206 Helena Court N	200-206 Helena Court N	MISSOULA	1966	1,968	$313,907.53
☐	2009-2012 Laurin Court	2009-2012 Laurin Court	MISSOULA	1996	3,746	$597,508.65
☐	201-207 Helena Court N	201-207 Helena Court N	MISSOULA	1966	1,968	$313,907.53
☐	2013-2020 Laurin Court	2013-2020 Laurin Court	MISSOULA	1997	5,217	$832,141.38
☐	208-214 Helena Court N	208-214 Helena Court N	MISSOULA	1966	1,994	$318,057.03
☐	209-215 Helena Court N	209-215 Helena Court N	MISSOULA	1966	1,994	$318,057.03
☐	2101-2108 Pardee Court	2101-2108 Pardee Court	MISSOULA	1997	5,217	$832,141.38
☐	2109-2112 Pardee Court	2109-2112 Pardee Court	MISSOULA	1993	3,826	$610,266.75
☐	2113-2120 Pardee Court	2113-2120 Pardee Court	MISSOULA	1997	5,217	$832,141.38
☐	216-222 Helena Court N	216-222 Helena Court N	MISSOULA	1966	1,968	$313,907.53
☐	217-223 Helena Court N	217-223 Helena Court N	MISSOULA	1966	1,968	$313,907.53
☐	2201-2208 Landusky Court	2201-2208 Landusky Court	MISSOULA	1997	5,217	$832,141.38
☐	2209-2211 Landusky Court	2209-2211 Landusky Court	MISSOULA	1993	3,826	$610,266.75
☐	2213-2220 Landusky Court	2213-2220 Landusky Court	MISSOULA	1997	5,217	$832,141.38
☐	2301-2304 Robar Court	2301-2304 Robar Court	MISSOULA	1993	3,826	$610,266.75
☐	2305-2308 Robar Court	2305-2308 Robar Court	MISSOULA	1993	3,826	$610,266.75
☐	2309-2312 Robar Court	2309-2312 Robar Court	MISSOULA	1993	3,826	$610,266.75
☐	300-306 Bannack Court N	300-306 Bannack Court N	MISSOULA	1966	2,502	$399,081.93
☐	301-307 Bannack Court N	301-307 Bannack Court N	MISSOULA	1966	2,502	$399,081.93
☐	308-314 Bannack Court N	308-314 Bannack Court N	MISSOULA	1966	1,994	$318,057.03
☐	309-315 Bannack Court N	309-315 Bannack Court N	MISSOULA	1966	1,994	$318,057.03
☐	316-322 Bannack Court N	316-322 Bannack Court N	MISSOULA	1966	2,502	$399,081.93
☐	317-323 Bannack Court N	317-323 Bannack Court N	MISSOULA	1966	2,502	$399,081.93
☐	324-334 Bannack Court N	324-334 Bannack Court N	MISSOULA	1966	6,024	$960,861.88
☐	400-406 Bannack Court N	400-406 Bannack Court N	MISSOULA	1966	2,502	$399,081.93
☐	401-407 Bannack Court N	401-407 Bannack Court N	MISSOULA	1966	2,502	$399,081.93
☐	408-414 Bannack Court N	408-414 Bannack Court N	MISSOULA	1966	2,502	$399,081.93
☐	409-415 Bannack Court N	409-415 Bannack Court N	MISSOULA	1966	2,502	$399,081.93
☐	417-423 Bannack Court N	417-423 Bannack Court N	MISSOULA	1966	2,476	$394,935.65

UNIVERSITY SYSTEM, UNIVERSITY OF MONTANA - MISSOULA

☐	424-430 Bannack Court N	424- 430 Bannack Court N	MISSOULA	1966	2,502	$399,081.93
☐	432-438 Bannack Court N	432-438 Bannack Court N	MISSOULA	1966	2,502	$399,081.93
☐	500-506 Garnet Court	500-506 Garnet Court	MISSOULA	1966	2,502	$399,081.93
☐	508-514 Garnet Court	508-514 Garnet Court	MISSOULA	1966	2,502	$399,081.93
☐	509-515 Garnet Court	509-515 Garnet Court	MISSOULA	1966	2,476	$394,935.65
☐	516-526 Garnet Court	516-526 Garnet Court	MISSOULA	1966	6,024	$960,861.88
☐	517-523 Garnet Court	517-523 Garnet Court	MISSOULA	1966	2,502	$399,081.93
☐	525-531 Garnet Court	525-531 Garnet Court	MISSOULA	1966	2,502	$399,081.93
☐	600-610 Pioneer Court N	600-610 Pioneer Court N	MISSOULA	1966	6,024	$960,861.88
☐	601 S Fifth E	601 S Fifth E	MISSOULA	1987	3,830	$610,906.38
☐	601 S Sixth E	601 S Sixth E	MISSOULA	1988	3,100	$494,467.75
☐	601-607 Pioneer Court N	601-607 Pioneer Court N	MISSOULA	1966	1,968	$313,907.53
☐	602 S Sixth E	602 S Sixth E	MISSOULA	1988	1,364	$217,567.10
☐	609 S Sixth E	609 S Sixth E	MISSOULA		2,380	$379,623.35
☐	609-615 Pioneer Court N	609-615 Pioneer Court N	MISSOULA	1966	1,968	$313,907.53
☐	610 S Sixth E	610 S Sixth E	MISSOULA	1985	3,207	$511,534.45
☐	612-618 Pioneer Court N	612-618 Pioneer Court N	MISSOULA	1966	2,502	$399,081.93
☐	615 S Fifth E	615 S Fifth E	MISSOULA	1988	2,287	$364,789.43
☐	615 S Sixth E	615 S Sixth E	MISSOULA	1984	2,062	$328,900.55
☐	616 & 616-1/2 S Sixth E	616 & 616-1/2 S Sixth E	MISSOULA	1987	3,759	$599,580.18
☐	620 S Sixth E	620 S Sixth E	MISSOULA	1989	2,534	$411,125.15
☐	620-626 Pioneer Court N	620-626 Pioneer Court N	MISSOULA	1966	1,968	$313,907.53
☐	625 S Fifth E	625 S Fifth E	MISSOULA		2,500	$398,762.65
☐	625 S. Sixth East	625 S. Sixth East	MISSOULA	1945	3,042	$485,217.38
☐	626 S Sixth E	626 S Sixth E	MISSOULA	1984	2,894	$469,532.05
☐	629 S Sixth E (Radio TV)	629 S Sixth E	MISSOULA	1985	4,240	$676,304.00
☐	630 S Sixth E	630 S Sixth E	MISSOULA		1,920	$306,251.38
☐	633 S Fifth E	633 S Fifth E	MISSOULA	1985	3,176	$506,589.45
☐	636 S Sixth E	636 S Sixth E	MISSOULA	1988	1,595	$258,778.30

UNIVERSITY SYSTEM, UNIVERSITY OF MONTANA - MISSOULA

☐	638 - 644 S Sixth E	638 - 644 S Sixth E	MISSOULA	1986	3,385	$539,927.35
☐	639 S. Fifth East	639 S. Fifth East	MISSOULA		780	$124,414.05
☐	645 S Fifth E	645 S Fifth E	MISSOULA	1988	2,250	$358,888.75
☐	645 S. Sixth E.,	645 S. Sixth E.	MISSOULA	1940	2,918	$473,493.43
☐	657 & 657-1/2 S Fifth E	657 & 657-1/2 S Fifth E	MISSOULA	1987	2,592	$384,528.58
☐	659 & 659-1/2 S Fifth E	659 & 659-1/2 S Fifth E	MISSOULA	1984	3,160	$504,040.63
☐	659 S Sixth E	659 S Sixth E	MISSOULA	1988	3,150	$502,441.03
☐	664 S Sixth East	664 S Sixth East	MISSOULA	1940	1,695	$287,986.05
☐	666 S Sixth E	666 S Sixth E	MISSOULA	1984	2,664	$424,923.85
☐	700-706 Pioneer Court S	700-706 Pioneer Court S	MISSOULA	1966	2,502	$399,081.93
☐	701-707 Pioneer Court S	701-707 Pioneer Court S	MISSOULA	1966	2,476	$394,935.65
☐	702 Arthur	702 Arthur	MISSOULA	1988	1,583	$252,496.00
☐	708-714 Pioneer Court S	708-714 Pioneer Court S	MISSOULA	1966	2,502	$399,081.93
☐	716-722 Pioneer Court S	716-722 Pioneer Court S	MISSOULA	1966	2,502	$399,081.93
☐	724-730 Pioneer Court S	724-730 Pioneer Court S	MISSOULA	1966	2,502	$399,081.93
☐	801-807 Ophir Court	801-807 Ophir Court	MISSOULA	1967	1,968	$313,907.53
☐	809-815 Ophir Court	809-815 Ophir Court	MISSOULA	1967	1,968	$313,907.53
☐	817-823 Ophir Court	817-823 Ophir Court	MISSOULA	1967	2,446	$390,150.83
☐	820 Arthur Ave. (Int. Prog. 600/610 Eddy)	820 Arthur Ave.	MISSOULA		5,856	$758,692.00
☐	833-839 Ophir Court	833-839 Ophir Court	MISSOULA	1967	6,024	$960,861.88
☐	900-906 Rimini Court	900-906 Rimini Court	MISSOULA	1967	1,968	$313,907.53
☐	901-907 Rimini Court	901-907 Rimini Court	MISSOULA	1967	2,446	$390,150.83
☐	907 E Beckwith (Confucius Institute)	907 E Beckwith	MISSOULA	1989	1,991	$317,576.50
☐	908-914 Rimini Court	908-914 Rimini Court	MISSOULA	1967	1,968	$313,907.53
☐	909-915 Rimini Court	909-915 Rimini Court	MISSOULA	1967	2,446	$390,150.83
☐	916-922 Rimini Court	916-922 Rimini Court	MISSOULA	1967	2,446	$390,150.83
☐	917-923 Rimini Court	917-923 Rimini Court	MISSOULA	1967	2,446	$390,150.83
☐	924-930 Rimini Court	924-930 Rimini Court	MISSOULA	1967	2,446	$390,150.83
☐	925-931 Rimini Court	925-931 Rimini Court	MISSOULA	1967	2,446	$390,150.83

UNIVERSITY SYSTEM, UNIVERSITY OF MONTANA - MISSOULA

☐	932-942 Rimini Court	932-942 Rimini Court	MISSOULA	1967	6,024	$960,861.88
☐	933-951 Rimini Court	933-951 Rimini Court	MISSOULA	1967	4,009	$639,457.30
☐	944-962 Rimini Court	944-962 Rimini Court	MISSOULA	1967	4,009	$639,457.30
☐	Aber Hall	844 Connell Avenue	MISSOULA	1968	87,178	$21,209,691.95
☐	Adams Center	800 Van Buren St.	MISSOULA	1953	180,124	$50,596,318.73
☑	Alexander Blewett III Law School	715 S 6th St E	MISSOULA	1962	107,815	$29,119,031.33
☑	Art Annex - Pool	880 Van Buren Street	MISSOULA	1958	40,803	$8,308,901.83
☑	Athletic Academic Center	800 Van Buren St.	MISSOULA	2015	10,173	$3,066,141.88
☑	Backflow Bldg #1 (North)	1613 Keith Ave.	MISSOULA	2010	300	$64,779.50
☑	Backflow Building #2 (South)	644 Eddy Ave	MISSOULA	2010	300	$64,779.50
☐	Bannack Court Laundry	214 Bannack Court	MISSOULA	1966	710	$113,250.18
☐	Batting Cage Building	Soutn Avenue	MISSOULA	2015	6,244	$470,429.68
☑	Bio Research Building	1310 Maurice Ave.	MISSOULA	2004	14,619	$3,211,642.05
☑	Blue Mountain Observatory	Hwy 93 S & West on Blue Mou	MISSOULA	1970	206	$32,859.53
☐	Brantly Hall	635 Connell Avenue	MISSOULA	1921	33,362	$6,386,856.65
☐	Bromenshenk's Bee Shed	Unnamed Rd. 34 off of Post Sid	MISSOULA		80	$8,931.10
☑	Building T-157 (East cellblock Drama Storage)	Post Siding Rd. Ft. Missoula	MISSOULA	1943	12,687	$1,422,647.48
☐	Bus Barn (Warehouse #23)	32 Campus Drive	MISSOULA	2010	2,560	$269,001.55
☐	Chemistry Stores	815 Keith Avenue	MISSOULA	1998	4,055	$1,128,840.30
☑	Chemistry/Pharmacy	1350 Mansfield Avenue	MISSOULA	1938	55,212	$16,113,156.73
☑	Clarence R. Prescott House	24 Campus Drive	MISSOULA	1898	5,707	$910,299.25
☑	Clinical Psychology Building	1420 Mansfield Avenue	MISSOULA	1983	5,280	$1,469,859.33
☑	Corbin Hall	1025 Maurice Avenue	MISSOULA	1927	23,190	$6,328,879.75
☑	COT East Class Module (Griz House 9)	905 South Ave. West	MISSOULA	2011	2,128	$212,288.85
☐	Craig Hall	1301 Maurice Avenue	MISSOULA	1953	78,116	$17,228,749.80
☐	Craighead Apartments	1900 Maurice Avenue	MISSOULA	1957	77,292	$13,537,399.75
☐	Curry Health Center	634 Eddy Avenue	MISSOULA	1956	56,061	$19,467,047.08
☑	Davidson Honors College	1235 Madeline Avenue	MISSOULA	1996	21,674	$5,875,312.53
☐	Dietert Garden Greenhouse II	Corner of Higgins and Pattee C	MISSOULA	1999	1,296	$103,358.03

UNIVERSITY SYSTEM, UNIVERSITY OF MONTANA - MISSOULA

☐	Dietert Garden Pumphouse	Corner of Higgins and Pattee C	MISSOULA	1998	100	$6,380.13
☐	Dietert Gardens Greenhouse I	Corner of Higgins and Pattee C	MISSOULA	2002	1,296	$103,358.03
☐	Dietert Gradens Greenhouse III	Corner of Higgins and Pattee C	MISSOULA	2004	1,752	$215,178.45
☑	Don Anderson Hall	800 Daly Ave	MISSOULA	2007	56,005	$15,360,468.60
☐	Dorblaser Storage Garage North	2420 Higgins Ave. UM South C	MISSOULA	2012	640	$27,944.63
☐	Dorblaser Storage Garage South	2420 Higgins Ave. UM South C	MISSOULA	2012	640	$27,944.63
☐	Dornblaser Concession Stand	2420 Higgins Ave.	MISSOULA	1966	336	$66,991.85
☐	Dornblaser Garage & Storage	2420 Higgins Ave. UM South C	MISSOULA		1,344	$25,284.00
☐	Dornblaser Shower/Locker Room	2420 Higgins Ave. UM South C	MISSOULA	1970	4,792	$955,435.28
☐	Dornblaser Soccer Bleachers	2430 Higgins, UM South Camp	MISSOULA		8,000	$194,855.58
☐	Dornblaser Ticket Booth	2420 Higgins Ave.	MISSOULA	1969	170	$33,894.75
☐	Duniway Hall	635 McLeod Avenue	MISSOULA	1956	35,964	$6,772,975.15
☐	East Concourse Suites/Concessions	32 Campus Drive	MISSOULA	1986	9,519	$1,621,457.98
☐	East Dugout	South Avenue E.	MISSOULA	2015	820	$135,630.60
☐	Elkhorn Ct. (Office/Shop/Warehouse)	Elkhorn Ct. 247	MISSOULA	1966	2,995	$477,718.18
☐	Elkhorn Ct. (Warehouse & Shop)	Elkhorn Court 248	MISSOULA	1967	5,280	$647,790.70
☐	Elkhorn Ct. Aptmts. (Security Staff)	Elkhorn Ct. 246	MISSOULA	1972	1,420	$226,498.20
☑	Elrod Hall	640 Keith Avenue	MISSOULA	1921	33,362	$6,568,919.73
☐	Emma B. Lommasson Center	625 University Avenue	MISSOULA	1955	104,533	$22,210,425.58
☐	Family Housing Community Center	K. Ross Toole Project	MISSOULA	1995	2,700	$475,023.15
☐	Family Housing Maintenance garage	Cinabar Dr. of of South Ave.	MISSOULA	1998	900	$100,489.93
☑	Field Research Station T-142	Fort Missoula Road	MISSOULA	1920	13,497	$3,323,559.23
☑	Fine Arts (includes 10/97 remodel)	715 Connell Avenue	MISSOULA	1935	72,069	$18,321,125.03
☑	Forestry	1310 Madeline Avenue	MISSOULA	1921	22,912	$5,500,980.33
☑	Forestry Club Storage Shed	1310 Madeline Avenue	MISSOULA	1966	192	$21,437.65
☑	Forestry Greenhouse	1310 Madeline Avenue	MISSOULA	1951	2,750	$877,282.78
☑	Gallagher Building	925 Maurice Avenue	MISSOULA	1996	125,645	$35,383,699.18
☑	Garage T-15	Post Siding Rd., Fort Missoula	MISSOULA	1996	830	$92,672.53
☐	Garnet Court Laundry	Garnet Ct., South and Maurice	MISSOULA	1966	710	$113,250.18

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☑	Geology Lab T-156 (cellblock West)	Fort Missoula Rd.	MISSOULA	1943	12,730	$1,641,838.90
☑	Gilkey Business Center	950 Arthur Ave., Missoula, MT	MISSOULA	2015	30,836	$2,993,630.98
☐	Golf Course Cart Barn	515 South Avenue E	MISSOULA	1967	4,786	$534,374.98
☐	Golf Course Clubhouse/Proshop	515 South Ave. E	MISSOULA	1967	3,213	$655,986.50
☐	Golf Course Fertilizer Shed	515 South Ave.	MISSOULA	2006	313	$8,271.05
☐	Golf Course Locker Room/Storage	515 South Ave. E	MISSOULA	1967	900	$61,765.20
☐	Golf Course Maintenance Shop	515 South Avenue E	MISSOULA	1995	3,731	$416,580.78
☐	Griz Stadium - Ticket Office	32 Campus Drive	MISSOULA	1986	767	$15,639.10
☐	Griz Stadium Book Store Aid Station	32 Campus Drive	MISSOULA	1986	767	$156,403.90
☐	Griz Stadium East Club Seating/Restrooms	32 Campus Drive	MISSOULA	2008	9,131	$3,572,828.08
☐	Griz Stadium North Concession 221	32 Campus Drive	MISSOULA	1986	695	$171,065.83
☐	Griz Stadium North End Zone Concession	32 Campus Drive	MISSOULA	1986	2,524	$504,643.70
☐	Griz Stadium SW Corner Restroom Storage	32 Campus Drive	MISSOULA	1986	4,600	$668,378.03
☐	Griz Stadium W. Concourse NW Restroom Strg.	32 Campus Drive	MISSOULA	1986	1,733	$386,119.58
☐	Griz Stadium West Concourse & Press	32 Campus Drive	MISSOULA	1986	11,698	$2,189,638.48
☐	Grizzly Stadium Seating East	32 Campus Drive	MISSOULA	1986	26,858	$2,474,342.55
☐	Grizzly Stadium Seating North End Zone	32 Campus Drive	MISSOULA	1986	35,743	$3,293,013.10
☐	Grizzly Stadium Seating South End Zone	32 Campus Drive	MISSOULA	1986	15,902	$146,505.30
☐	Grizzly Stadium Seating West	32 Campus Drive	MISSOULA	1986	26,997	$2,487,782.20
☑	Grounds & Labor Building	8 Campus Drive	MISSOULA	1963	1,732	$193,382.83
☑	Health Sciences	720 Keith Avenue	MISSOULA	1962	63,590	$16,509,051.28
☑	Heating Plant	840 Connell Avenue	MISSOULA	1923	10,160	$4,466,605.65
☐	Hydrogen Storage Building	Fort Missoula Road	MISSOULA	2010	272	$122,024.33
☐	Interdisciplinary Sciences Building	1414 Maurice Ave	MISSOULA	2009	61,742	$19,710,421.70
☑	International Center (formerly Linguistics)	700 McLeod Ave.	MISSOULA	1937	6,853	$2,038,216.13
☐	James E. Todd Building	25 Campus Drive	MISSOULA	1998	32,407	$7,836,026.53
☑	Jeanette Rankin Hall	815 Daly Avenue	MISSOULA	1909	14,586	$4,270,529.95
☐	Jesse Hall	610 Daly Avenue	MISSOULA	1968	87,178	$21,209,691.95
☐	Knowles Hall	630 University Avenue	MISSOULA	1963	63,330	$13,510,516.15

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☑	KUFM Pt. 6 (Top of Snowbowl)	TV Mountain Top of Snowbowl	MISSOULA	1973	607	$72,615.18
☐	Lewis and Clark Villages Unit A	3000 S. Higgins	MISSOULA	2004	18,215	$2,693,071.73
☐	Lewis and Clark Villages Unit B	3000 S. Higgins	MISSOULA	2004	18,215	$2,693,071.73
☐	Lewis and Clark Villages Unit C	3000 S. Higgins	MISSOULA	2004	18,215	$2,693,071.73
☐	Lewis and Clark Villages Unit D	3000 S Higgins	MISSOULA	2004	18,215	$2,693,071.73
☐	Lewis and Clark Villages Unit E	3000 S Higgins	MISSOULA	2004	18,215	$2,693,071.73
☐	Lewis and Clark Villages Unit F	3000 S. Higgins	MISSOULA	2004	18,215	$2,693,071.73
☐	Lewis and Clark Villages Unit G	3000 S. Higgins	MISSOULA	2004	18,215	$2,693,071.73
☐	Lewis and Clark Villages Unit H	3000 S. Higgins	MISSOULA	2004	18,215	$2,693,071.73
☐	Lewis and Clark Villages Unit I	3000 S. Higgins	MISSOULA	2004	18,215	$2,693,071.73
☐	Lewis and Clark Villages Unit J	3000 S. Higgins	MISSOULA	2004	18,215	$2,693,071.73
☐	Lewis and Clark Villages Unit K	3000 S. Higgins	MISSOULA	2004	18,215	$2,693,071.73
☐	Lewis and Clark Villages Unit L (Office)	3000 S. Higgins	MISSOULA	2004	788	$256,250.98
☐	Lewis and Clark Villages Unit M (Community Bldg)	3000 S. Higgins	MISSOULA	2004	1,344	$494,272.10
☑	Liberal Arts	725 Daly Avenue	MISSOULA	1953	101,083	$22,803,044.05
☑	Mansfield Library	910 McLeod Avenue	MISSOULA	1973	216,157	$69,936,507.20
☑	Mathematics	1255 Mansfield Avenue	MISSOULA	1903	21,390	$5,960,047.25
☑	McGill Hall	920 Van Buren Street	MISSOULA	1953	66,158	$13,984,613.73
☐	Miller Hall	1330 Arthur Avenue	MISSOULA	1965	84,615	$16,086,276.35
☑	Missoula College	1205 E. Broadway, Missoula, M	MISSOULA	2017	113,043	$32,386,931.35
☐	Modular IT Building	830 Connell Ave.	MISSOULA	2014	783	$82,312.75
☑	Motor Vehicle Garage	6 Campus Drive	MISSOULA	1963	3,973	$443,599.83
☑	Music Hall	930 Maurice Avenue	MISSOULA	1953	41,046	$12,372,930.73
☑	Native American Center (Payne Family)	1210 Maurice	MISSOULA	2010	28,194	$8,907,630.60
☑	Natural Science Annex	1040 Madiline Ave.	MISSOULA	1938	4,890	$1,575,558.70
☑	Natural Sciences (Botany Building)	1040 Madeline Avenue	MISSOULA	1919	23,070	$5,576,738.80
☑	North Corbin	1025 Maurice Avenue	MISSOULA	1956	14,858	$4,054,920.43
☑	North Underground Lect. Hall	1340 Mansfield Ave.	MISSOULA	1999	9,260	$2,735,185.93
☑	O'Conner Center for Rocky Mountain West (old NAS)	600 University	MISSOULA	1955	3,149	$502,284.08

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☑	Oil Storage Building	3639 S Ave W.	MISSOULA	1973	311	$19,842.35
☐	Outhouse #1	515 South Ave.	MISSOULA	1967	16	$508.48
☐	Pantzer Hall Dormitory	615 Keith Avenue	MISSOULA	1996	81,333	$18,476,307.73
☐	Parking Structure	35 Campus Drive	MISSOULA	1996	99,330	$6,424,782.65
☑	Pavilion Restroom	18 Campus Drive	MISSOULA	1998	319	$59,532.43
☑	Performing Arts & Radio Television	735 S 6th Street East	MISSOULA	1984	69,176	$19,315,750.50
☑	Phyllis J. Washington Education Center	745 Eddy	MISSOULA	2009	66,905	$25,464,636.55
☑	Physical Plant Building	12 Campus Drive	MISSOULA	1968	50,897	$5,485,098.28
☑	Radio Telemetry Station (Mount Dean Stone)	Top of Dean Stone Mountain	MISSOULA	1978	8	$956.75
☑	Schreiber Gym	950 Keith Avenue	MISSOULA	1922	39,204	$11,163,252.58
☑	Science Complex - Charles H. Clapp Bldg.	845 Keith Avenue	MISSOULA	1971	104,662	$30,262,727.05
☑	Seismograph Station (Nine Mile)	Nine Mile Rd.	MISSOULA	1978	8	$956.75
☑	Seismograph Station (Pattee Canyon)	Pattee Canyon Rd.	MISSOULA	1972	200	$23,926.28
☐	Sisson Apartments	1900 Maurice Avenue	MISSOULA	1957	77,292	$13,537,399.75
☑	Skaggs Building	1325 Mansfield Avenue	MISSOULA	1981	155,356	$43,914,985.18
☑	Social Science	1010 Mansfield Avenue	MISSOULA	1921	81,700	$20,731,929.70
☑	Stone Hall (old Journalism)	825 McLeod Avenue	MISSOULA	1937	32,671	$6,867,061.30
☑	Storage Dwelling T-14	Post Siding Rd. Fort Missoula	MISSOULA	1996	3,515	$392,463.15
☑	Storage Dwelling T-16	Post Siding Rd., Ft. Missoula	MISSOULA	1996	3,515	$392,463.15
☐	Student Recreation Center	800 Van Buren	MISSOULA	2001	80,297	$23,415,215.70
☑	Sub Station Switch Gear Building	840 Connell Ave	MISSOULA		120	$17,101.10
☑	Sweat Lodge Storage Shed	Unnamed Rd. off Post Siding R	MISSOULA		96	$6,124.28
☑	Trade & Technology I	3639 S Ave W.	MISSOULA	1972	30,000	$4,907,808.23
☑	Trade & Technology II	3639 S Ave W.	MISSOULA	1977	34,000	$5,562,204.80
☑	Trade & Technology III	3639 S Ave W.	MISSOULA	1973	2,880	$801,743.60
☐	Turner Hall	1105 Maurice Aveneu	MISSOULA	1938	35,012	$6,936,709.48
☐	University Center	915 Daly Avenue	MISSOULA	1969	187,396	$51,025,202.88
☑	University Hall	900 University Avenue	MISSOULA	1898	36,088	$11,933,048.25
☑	Urey Lecture Hall	1340 Mansfield Avenue	MISSOULA	1980	9,780	$2,883,292.98

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☑	Vehicle Storage Building	32 Campus Dr.	MISSOULA	1965	9,710	$1,084,156.85
☑	Veterans Center (formerly Practical Ethics Center)	1000 E. Beckwith	MISSOULA		2,016	$225,094.25
☑	Warehouse #24	32 Campus Drive	MISSOULA	1955	4,450	$482,165.45
☑	Warehouse #25	10 Campus Drive	MISSOULA	1955	16,800	$1,748,554.15
☐	Washington Grizzly Chamipion's Center	32 Campus Drive	MISSOULA	2017	54,002	$5,022,959.00
☐	West Concourse SW Restroom Storage	32 Campus Drive	MISSOULA	1986	1,748	$388,563.05
☐	West Dugout	South Avenue E	MISSOULA	2015	820	$135,630.60
☐	Yreka Court Laundry	270 Yreka Court	MISSOULA	1967	710	$113,250.18
☐	Calving Barn	2381 Woodworth Rd.	OVANDO		4,032	$208,950.98
☐	Equipment Storage	2381 Woodworth Rd.	OVANDO		2,413	$262,370.95
☐	Feed Shed #2	2381 Woodworth Rd.	OVANDO		199	$10,311.40
☐	Hay Shed #1 (bus shed)	2381 Woodworth Rd.	OVANDO		2,128	$110,279.95
☐	Hay Shed #2 (pond shed)	2381 Woodworth Rd.	OVANDO		2,020	$104,682.43
☐	Hay Shed #3 (Rocky pt.)	2381 Woodworth Rd.	OVANDO		1,792	$92,868.18
☐	Hay Shed #4 (S.E. Pivot)	2381 Woodworth Rd	OVANDO		1,898	$98,361.43
☐	Hay Shed #5 (N.E. Pivot)	2381 Woodworth Rd.	OVANDO		1,898	$98,361.43
☐	Horse Barn	2381 Woodworth Rd.	OVANDO		5,439	$281,866.08
☐	Loafing Shed	2381 Woodworth Rd.	OVANDO		856	$44,362.03
☐	Log Cabin/Future Office	2381 Woodworth Rd.	OVANDO		327	$20,316.43
☐	Manager's House 661	2381 Woodworth Rd.	OVANDO		3,270	$281,866.08
☐	Quonset Garage	2381 Woodworth Rd.	OVANDO		1,204	$130,913.50
☐	Quonset Loafing Shed (grey)	2381 Woodworth Rd.	OVANDO		888	$46,018.60
☐	Stock Branding Shed	2381 Woodworth Rd.	OVANDO		3,310	$171,534.53
☐	Storage Containers	2381 Woodworth Rd.	OVANDO		300	$8,600.00
☐	Vehicle Shop	2381 Woodworth Rd.	OVANDO		2,160	$234,860.63
☑	Boat House	32125 Bio Station Lane, Polson	POLSON	2015	1,760	$186,015.85
☐	Cabin A1	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin A2	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin A3	32125 Bio Station Lane	POLSON	1968	172	$11,460.58

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☐	Cabin A4	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin B1	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin B15	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin B16	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin B2	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin B3	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin B4	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin B5	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin B6	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin B7	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin C 14 (formerly B14)	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin C10 (formerly Cabin B10)	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin C11 (formerly B11))	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin C12 (formerly B12)	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin C13 (formerly B13)	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin C8 (formerly Cabin B8)	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin C9 (formerly Cabin B9)	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin D 19 (formerly B19)	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin D17 (formerly B17)	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin D18 (formerly B18)	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin E20 (formerly B20)	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin E21 (formerly B21)	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin E22 (formerly B22)	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin E23 (formerly B23)	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin E24 (formerly B24)	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin E25 (formerly B25)	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin E26 (formerly B26)	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin E27 (formerly B27)	32125 Bio Station Lane	POLSON	1968	172	$11,460.58
☐	Cabin F1	32125 Bio Station Lane	POLSON	1968	550	$36,654.28

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☐	Cabin F10 (formerly Cabin F9)	32125 Bio Station Lane	POLSON	1968	336	$22,392.25
☐	Cabin F11 (formerly Cabin F10)	32125 Bio Station Lane	POLSON	1968	336	$22,391.18
☐	Cabin F2	32125 Bio Station Lane	POLSON	1968	336	$22,392.25
☐	Cabin F3	32125 Bio Station Lane	POLSON	1968	336	$22,392.25
☐	Cabin F4	32125 Bio Station Lane	POLSON	1968	336	$22,392.25
☐	Cabin F5	32125 Bio Station Lane	POLSON	1968	336	$22,392.25
☐	Cabin F6	32125 Bio Station Lane	POLSON	1968	336	$22,392.25
☐	Cabin F7	32125 Bio Station Lane	POLSON	1968	336	$22,392.25
☐	Cabin F8	32125 Bio Station Lane	POLSON	1968	336	$22,392.25
☐	Cabin F9 (formerly New Cabin Biostation)	32125 Biostation Lane	POLSON	2012	392	$40,688.75
☑	Caretakers Residence - Bio. Stn.	32125 Bio Station Lane	POLSON	1968	1,512	$242,211.48
☑	Caretaker's Storage Shed	32125 Bio Station Lane	POLSON	1968	172	$11,019.83
☑	Concrete Bunker	32125 Bio Station Lane	POLSON	1969	96	$7,656.15
☑	Director's Garage	32125 Bio Station Lane	POLSON	1951	840	$47,095.75
☑	Director's Guest House	32125 Bio Station Lane	POLSON	1947	192	$30,754.68
☑	Director's Residence	32125 Bio Station Lane	POLSON	1967	1,969	$304,780.78
☑	Ecology Bldg. (formerly Botany Lab)	32125 Bio Station Lane	POLSON	1947	1,437	$40,354.43
☐	Elrod Laboratory, Yellowbay	32125 Bio Station Lane	POLSON	1967	8,467	$2,229,960.65
☑	Fire House	32125 Bio Station Lane	POLSON	1951	606	$67,953.98
☑	Fresh Water Research Lab	32125 Bio Station Lane	POLSON	1981	5,074	$1,906,939.28
☑	Lakeside Laboratory	32125 Bio Station Lane	POLSON	1968	4,410	$1,125,005.78
☐	Latrine 1	32125 Bio Station Lane	POLSON	1968	325	$21,658.03
☐	Latrine 2	32125 Bio Station Lane	POLSON	1968	374	$24,922.80
☑	Lift Station 1	32125 Bio Station Lane	POLSON	1979	116	$7,432.55
☑	Lift Station 2	32125 Bio Station Lane	POLSON	1976	250	$16,018.58
☐	Museum	32125 Bio Station Lane	POLSON	1968	416	$46,646.40
☐	Prescott Center Cafeteria	32125 Bio Station Lane	POLSON	1985	3,901	$814,236.18
☐	Prescott Center Dormitory	32125 Bio Station Lane	POLSON	1985	6,094	$1,185,154.18
☐	Research Support Building (Bio-Station)	32125 Blo Station Lane	POLSON	2010	3,072	$336,851.25

UNIVERSITY SYSTEM, UNIVERSITY OF MONTANA - MISSOULA						
☑	Shop & Pump House	32125 Bio Station Ln.	POLSON	1951	2,510	$281,454.35
☐	Shower & Latrine Building (bath house)	32125 Bio Station Lane	POLSON	1981	1,314	$210,493.60
☑	Supply Warehouse	32125 Bio Station Lane	POLSON	1949	1,220	$136,804.50
☐	Tractor Shed (old boat house)	32125 Bio Station Lane	POLSON	1951	539	$43,173.08
☑	Waste Water Treatment Plant	32125 Bio Station Lane	POLSON	1976	3,198	$1,389,068.78
☑	Zoology Bldg. (formerly Mammology Lab)	32125 Bio Station Lane	POLSON	1949	1,220	$34,259.18
UNIVERSITY SYSTEM, UNIVERSITY OF MONTANA - MISSOULA: 411 Buildings			**TOTAL SQ FT: 4,752,895**		**TOTAL CRV:**	**$1,081,406,085.18**

UNIVERSITY SYSTEM, UNIVERSITY OF MONTANA - WESTERN

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Art Annex	1001 S. Atlantic	DILLON	1951	7,055	$357,421.38
☑	Auditorium & Shop	710 S. Atlantic	DILLON	1952	16,040	$4,204,846.38
☐	Bender Center, Birch Creek	Birch Creek in the Pioneer Mou	DILLON	1985	7,016	$1,212,039.93
☐	Benson Shed	Grand View Heights	DILLON		1,500	$75,994.98
☑	Block Hall	710 S. Atlantic	DILLON	1970	41,560	$10,673,271.88
☐	Bridenstine Garage	604 E. Cornell	DILLON	1941	192	$10,399.55
☐	Bridenstine Residence	604 E. Cornell	DILLON	1941	1,620	$85,239.98
☑	Business & Technology Building (BTB)`	710 S. Atlantic	DILLON	1924	33,304	$8,570,090.28
☐	Centennial Hall	710 S. Atlantic	DILLON	1964	22,092	$4,429,847.10
☑	Chancellor's Residence	602 E. Poindexter	DILLON	1957	2,953	$155,375.13
☐	Clark Hall	710 S. Atlantic	DILLON	1967	29,960	$5,988,146.68
☐	Cole Property	10 Grandview Heights	DILLON	1927	1,572	$71,283.25
☐	Concession Stand at Vigilante Field	745 East Center Street/Vigilant	DILLON	2006	4,610	$480,358.38
☐	Curious Minds Storage Sheds	710 S. Atlantic	DILLON		276	$13,983.60
☐	Curry Garage	710 S. Atlantic	DILLON	1947	490	$24,822.83
☐	Curry Residence	710 S. Atlantic	DILLON	1947	1,752	$92,183.40
☐	Davis Hall	710 S. Atlantic	DILLON	1959	17,227	$3,190,225.90
☑	Engineer's Cottage	710 S. Atlantic	DILLON	1925	1,560	$82,080.55
☑	Equine Studies	710 South Atlantic	DILLON	1945	1,000	$98,829.05
☐	Family Housing	710 S. Atlantic	DILLON	1958	19,960	$1,885,267.28
☑	Heating Plant & Garage	710 S. Atlantic	DILLON	1926	8,516	$1,284,853.98
☐	Jordan Hall	750 E. Cornell	DILLON	1958	10,172	$611,672.85
☐	Kurtz Residence	534 E. Poindexter	DILLON	1960	1,714	$90,183.90
☑	Library Administration	710 S. Atlantic	DILLON	1969	38,935	$10,944,534.15
☑	Main Hall Building	710 S. Atlantic	DILLON	1896	76,626	$36,100,955.30
☐	Matthews Hall	710 S. Atlantic	DILLON	1919	66,091	$14,879,658.73
☑	Old Library Building	710 S. Atlantic	DILLON	1924	19,292	$2,389,221.90
☐	Osborne Residence (Health Education Center)	710 S. Atlantic	DILLON	1954	926	$107,190.40

UNIVERSITY SYSTEM, UNIVERSITY OF MONTANA - WESTERN

☐	Osborne Residence Garage (Facilities Services)	710 S. Atlantic	DILLON		384	$19,454.28
☐	Physical Ed Building	710 S. Atlantic	DILLON	1975	73,240	$18,945,860.20
☑	Plumbing Storage Shed	710 S. Atlantic	DILLON	1974	864	$43,770.78
☑	Roe Mansion	710 So. Atlantic	DILLON	1912	5,988	$866,816.58
☐	Smith House	528 E Poindexter	DILLON	1952	1,729	$175,981.80
☐	South Campus Housing	434 E Poindexter	DILLON	1954	3,940	$388,416.85
☐	Student Union Building	710 S. Atlantic	DILLON	1958	15,530	$1,983,533.03
☑	Swysgood Technology Center (STC)	710 South Atlantic	DILLON	2002	24,361	$6,581,138.18
UNIVERSITY SYSTEM, UNIVERSITY OF MONTANA - WESTERN: 36 Buildings			**TOTAL SQ FT:**	**560,047**	**TOTAL CRV:**	**$137,114,950.33**

STATE-WIDE FACILITY INVENTORY SUMMARY

STATE-WIDE TOTAL SQUARE FEET: 23,225,986

STATE-WIDE TOTAL CURRENT REPLACEMENT VALUE: $4,860,417,243.45