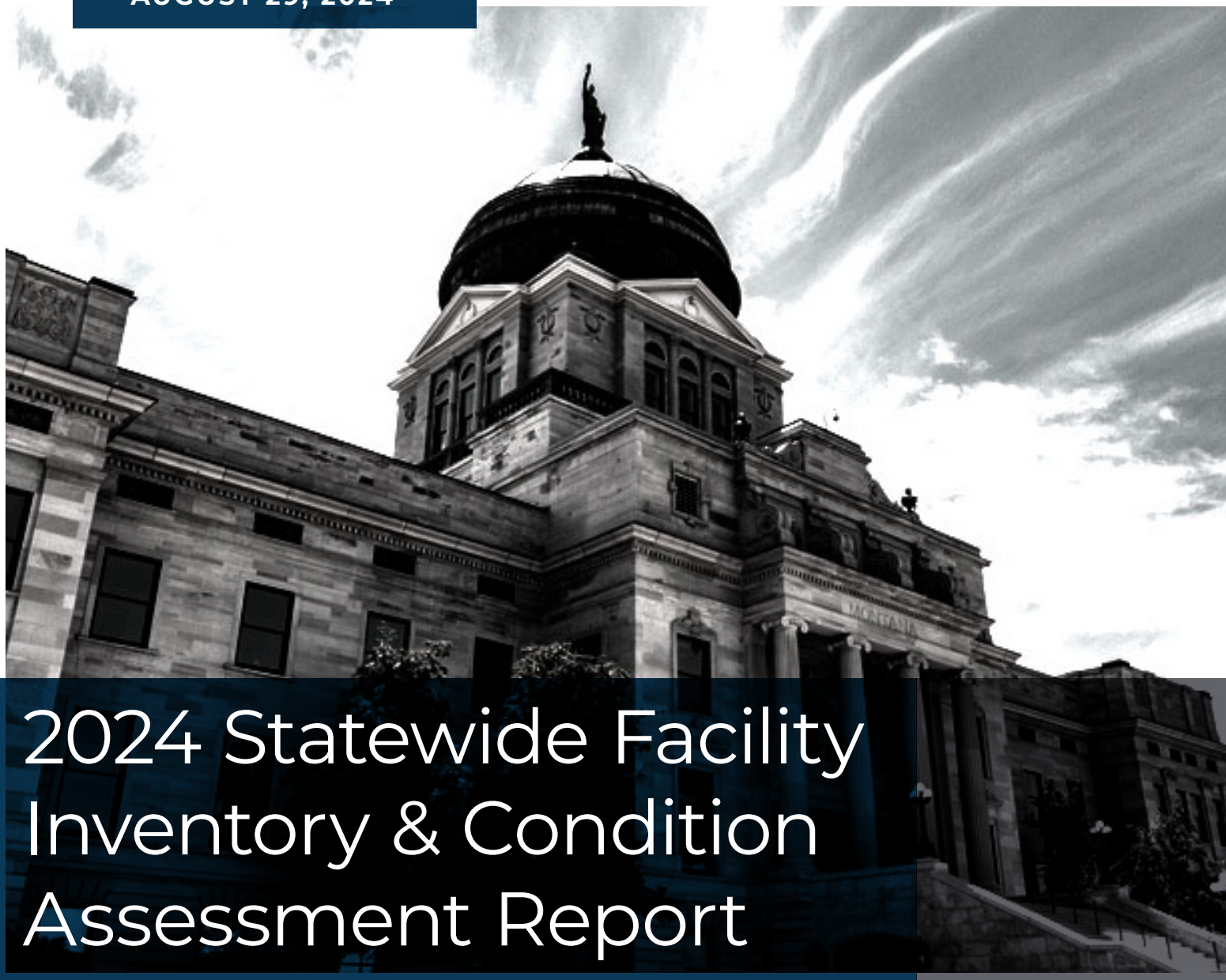
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ARCHITECTURE & ENGINEERING DIVISION

AUGUST 29, 2024



2024 Statewide Facility Inventory & Condition Assessment Report

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

ARCHITECTURE & ENGINEERING DIVISION

MONTANA DEPARTMENT OF ADMINISTRATION

Director's Office
Greg Gianforte, Governor
Misty Ann Giles, Director

doa.mt.gov
406.444.2460
doadirector@mt.gov

August 26, 2024

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

Honorable Rep. Llew Jones, 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 Rep. Jones:

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

Summary

FACILITY INVENTORY AND FACILITY CONDITION ASSESSMENTS STATUS

In accordance with MCA Title 17, Chapter 7, Part 2, the Architecture & Engineering Division compiles and maintains 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.

The Archibus system continues to serve as the primary platform for collecting and managing facility assessment data for state-owned facilities in Montana. The Archibus FCA module has been customized to meet the specific needs of the state, and ongoing enhancements are being made in collaboration with The Building People, a consulting firm specializing in facilities management and technology integration. In the fall of 2023, A&E worked closely with The Building People and convened meetings with facility managers from the University System and state agencies to standardize assessment methodologies. These discussions led to additional customization of Archibus to ensure consistency in data collection and reporting.

To support agencies lacking qualified assessors, the 68th Legislature approved $1,500,000 in funding for baseline assessments, and Cushing Terrell Architects was selected as the consultant for this task. In September 2024, A&E will host a training session in Helena, where The Building People will guide Cushing Terrell through the Archibus platform. This session will include a complete assessment of a state building, which will serve as a model for future assessments. Once a Standard Operating Procedure is established, Archibus will be made available to the University System and state agencies, enabling them to begin conducting assessments in alignment with the state's standardized approach. This platform continues to offer long-term benefits through easier access, better data control, and integrated functionalities across state agencies.

Major Repair Minimum Funding

$42,253,842

Total Deferred Maintenance Backlog

$1,572,783,946

Number of Buildings Requiring Assessments:

562

Area of Buildings Requiring Assessments:

11,717,828 SQ FT



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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 Committee 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:

($3,521,153,482 X 0.6%) X 2 fiscal years = $42,253,842

State agencies support their missions by utilizing existing facilities or constructing new ones. Managing existing properties involves keeping facilities operational through preventative maintenance and repairs, which helps extend or restore a facility's life cycle. By leveraging data collected by qualified assessors, agencies can prioritize facility condition information and associated repair costs to address deferred maintenance liabilities.

The Architecture & Engineering (A&E) Division of the Department of Administration oversees the Facility Condition Assessment (FCA) program and manages the LRBP "Major Repair" account for projects appropriated during each legislative session. Although LRBP-eligible buildings make up only 20.8% of the state's total vertical inventory, they account for 50.9% of the total square footage and 61% of the state's total building infrastructure value.







Program History

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



FACILITY INVENTORY & CONDITION ASSESSMENT

As part of the Long-Range Building Program (LRBP), Senate Bill 43, enacted by the 65th Legislature, directed the Department of Administration to compile and maintain a statewide facility inventory and condition assessment for state-owned buildings. According to §17-7-202 of the Montana Code Annotated (MCA), these assessments are not required for state-owned buildings unless their replacement value exceeds $150,000. Section 17 of the MCA defines an LRBP-eligible building as one that is:

- *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

House Bill 553, passed by the 66th Legislature, revised the method and sources of LRBP funding, categorizing them into two distinct accounts:

- 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 of the MCA, the minimum funding level for Major Repair projects must be 0.6% of the replacement cost of existing LRBP-eligible buildings for each fiscal year. The 2024 Current Replacement Value (CRV) of all LRBP-eligible buildings is

$3,521,153,482

Accordingly, the Major Repair LRBP account funding for projects in the upcoming biennium is calculated as follows:

($3,521,153,482 X 0.6%) X 2 fiscal years = $42,253,842

This minimum funding level must be fully appropriated before any Capital Development projects can be considered as restricted by 17-7-222 MCA.

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 annually to ensure proper 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.

CHALLENGES UTILIZING RMTD DATA

Agency Self-reporting Building Information



Agencies access RMTD's database annually to make additions or corrections to their list of buildings, reporting details such as area, construction type, and location to ensure insurance coverage. The A&E Division receives this list of buildings annually; however, due to the structure of RMTD's database, comparing changes and additions from the previous year is challenging and requires manual verification.

Any state-owned facility that is uninsured is not included in the RMTD database and, therefore, is absent from this inventory report. Uninsured facilities may result from

inaccuracies in agency-reported data or may be abandoned, unused, or underused buildings. As the A&E Division continues working with agencies, further adjustments to the inventory are expected to identify buildings that should be part of the recorded inventory but are not currently listed.

A better system for tracking changes and additions to the database is in development. The current replacement value (CRV) is based on RMTD's insured value, which is used to calculate the minimum funding for the LRBP Major Repair account. Therefore, it is crucial for A&E to keep its CRV data in sync with RMTD and to develop a system to automate this process.









Inaccurate or Incomplete Location Data

Some buildings in the RMTD data lack a physical postal address, particularly those on multi-building campuses or in remote locations managed by the Departments of Fish, Wildlife & Parks or Transportation. For example, state park buildings might be identified by a general location, such as "40 miles east-northeast of Missoula on State Hwy 200," rather than a specific address. Over time, the A&E Division plans to geolocate all buildings using latitude and longitude coordinates to pinpoint the exact location of facilities.

Current Replacement Value (CRV)

Agencies report their facility information to RMTD but do not assign a current replacement value. For buildings valued at less than $1,000,000, RMTD determines the insured CRV using a cost-per-square-foot basis according to building type. For buildings valued at more than $1,000,000, RMTD generates the insured CRV through an appraisal process approximately every five years. The insurance-appraised CRV may not match the total project replacement cost, which is typically higher. RMTD uses a factor provided by their underwriters to annually adjust each building's CRV.

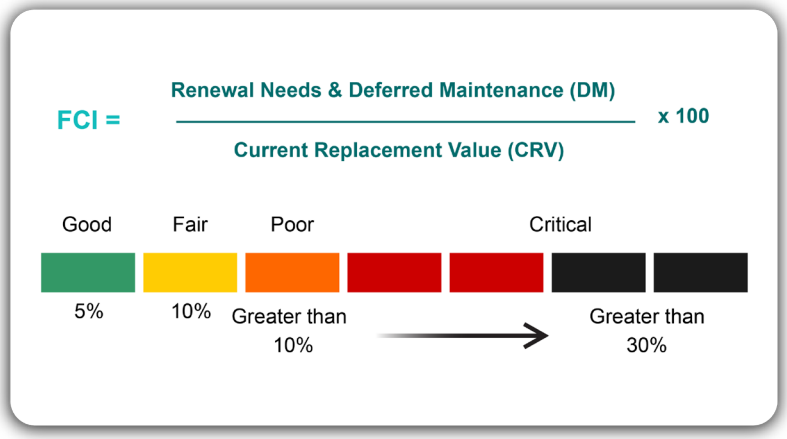
Long-Range Building Program Eligibility

LRBP eligibility determines the minimum funding required for the Major Repair account and identifies the buildings that need to be assessed. Each agency is responsible for determining which of their buildings are LRBP-eligible, based on the definition provided in §17-7-201 MCA. Currently, this determination is made through a manual process, where each agency reviews its HB 2 appropriations at the operations and maintenance level for each building to assess whether it meets the eligibility requirements.

Facility Assessments

FACILITY CONDITION INDEX

The Facility Condition Assessment (FCA) process not only identifies building deficiencies due to deferred maintenance but also provides a deficiency ratio, known as the Facility Condition Index (FCI). The FCI is a key metric that compares the cost of deferred maintenance to the replacement value of the building. It is calculated by dividing the total cost of necessary renewal or repair by the building's estimated replacement value.







FACILITIES REQUIRING ASSESSMENTS

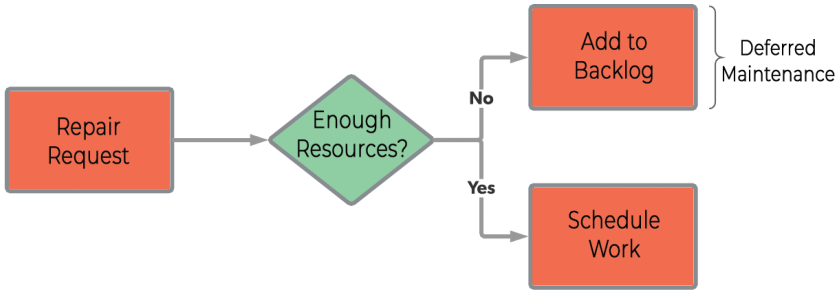
For every Long-Range Building Program (LRBP)-eligible building with a current replacement value (CRV) greater than $150,000, §17-7-202(2) mandates a periodic facility condition assessment. This assessment provides a detailed list of building deficiencies and compares the current FCI to the FCI from the previous biennium.

Currently, 562 out of 1,050 LRBP-eligible buildings require a condition assessment. This number is expected to increase over time as an annual escalation factor is applied to the CRV, requiring assessments once a building's CRV exceeds $150,000.



ASSESSMENT CYCLE

The industry standard is to conduct individual building assessments every three to five years. Since building systems age and deteriorate at different rates, data older than five years is generally considered outdated. §17-7-202 allows the Department to select the assessment cycle, and the Architecture & Engineering (A&E) Division aims to assess each facility once every four years. However, achieving this goal is challenging due to the size of the inventory and the limited number of assessors.





TOTAL DEFERRED MAINTENANCE BACKLOG

Deferred maintenance is defined as "the amount needed but not yet expended for repairs, restoration, or rehabilitation of an asset." It can also be described 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 reporting on individual facilities, §17-7-202 MCA requires that the total deferred maintenance backlog for all LRBP-eligible buildings be provided. Once a full cycle of assessments is completed, the actual total deferred maintenance backlog for the entire LRBP-eligible inventory can be calculated. In the interim, the A&E Division is providing an estimated backlog by using Montana State University's assessment data to calculate a per-square-foot backlog amount, which is then multiplied across the entire inventory of LRBP-eligible buildings.



MSU has been a leader in conducting regular Facility Assessments using qualified assessors. Their FCA data is both reliable and accurate, and the A&E Division has chosen to use this data as the basis for estimating the total deferred maintenance backlog.

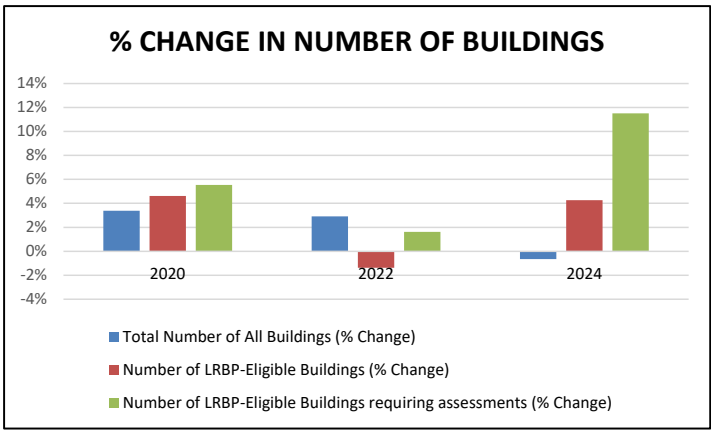


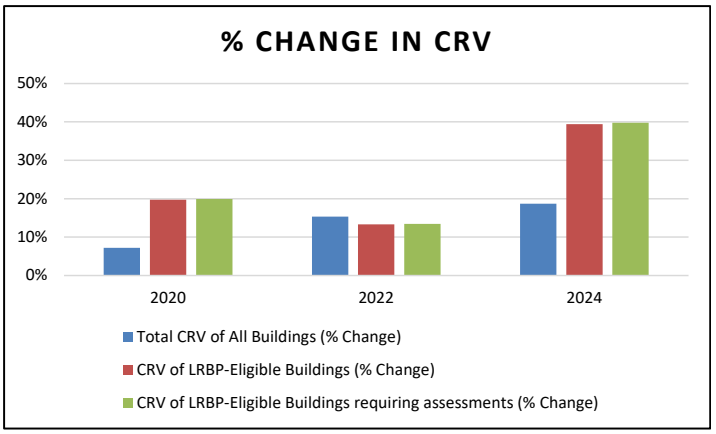
STATE-OWNED INVENTORY DETAILS

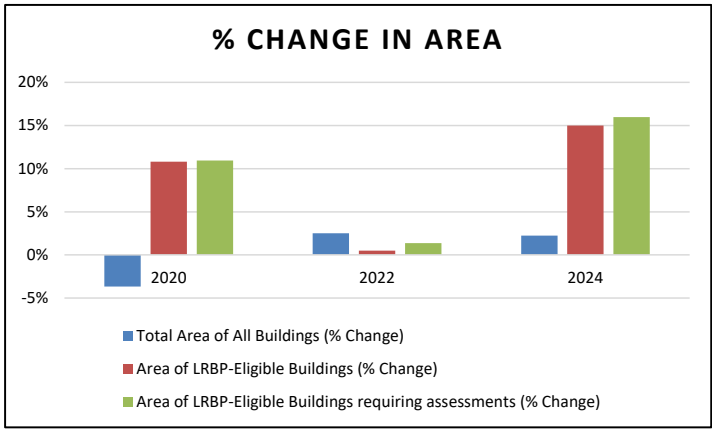
TOTAL INVENTORY	LRBP-ELIGIBLE INVENTORY	REQUIRED ASSESSMENT INVENTORY
5,060	1,050	562
STATE-OWNED BUILDINGS	**LRBP-ELIGIBLE BUILDINGS**	**BUILDINGS REQUIRING ASSESSMENTS**
An decrease of 33 buildings (0.65%) since 2022	A increase of 43 buildings (4.10%) since 2022	An increase of 58 buildings (10.32%) since 2022
23,746,307	12,093,481	11,717,828
TOTAL AREA (SQ FT)	**LRBP-ELIGIBLE AREA (SQ FT)**	**AREA REQUIRING ASSESSMENTS (SQ FT)**
An increase of 520,321 square feet (2.19%) since 2022	A increase of 1,576,467 square feet (13.04%) since 2022	An increase of 1,612,857 square feet (13.76%) since 2022
$5,769,830,769	$3,521,153,482	$3,501,713,480
TOTAL REPLACEMENT VAULE	**LRBP-ELIGIBLE REPLACEMENT VALUE**	**ASSESSMENT REPLACEMENT VALUE**
An increase of $909,413,526 (15.76%) since 2022	An increase of $995,694,384 (28.28%) since 2022	An increase of $996,005,437 (28.45%) since 2022

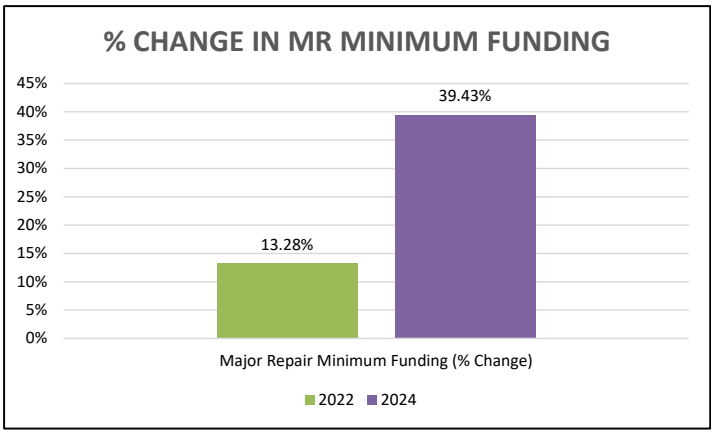
RMTD data is self-reported by agencies. As A&E is able to confirm the entire building inventory with agencies, this data will become accurate.

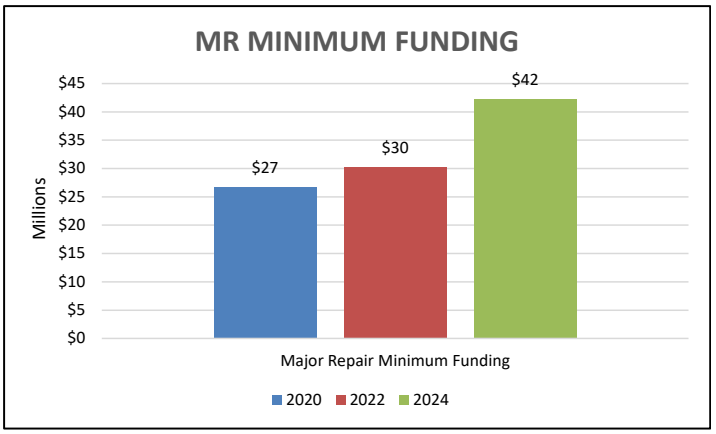
STATE-OWNED INVENTORY CHANGES











The significant increase in Major Repair Minimum Funding is due to three factors:

1. In 2023, the Legislative Fiscal Division reclassified 45 Capitol Complex buildings as LRBP-eligible, adding $446.7 million in CRV and increasing the funding requirement by $5.36 million (12.7% of the total).
2. The Dept. of Military Affairs adjusted their LRBP-eligible building portfolio, adding 16 buildings and removing 18, resulting in a net increase of $211.6 million in CRV and an additional $2.54 million in MR funding (6% of the total).
3. The remaining increase is primarily due to the annual escalation in the insured value of RMTD's building portfolio.

ARCHIBUS SYSTEM

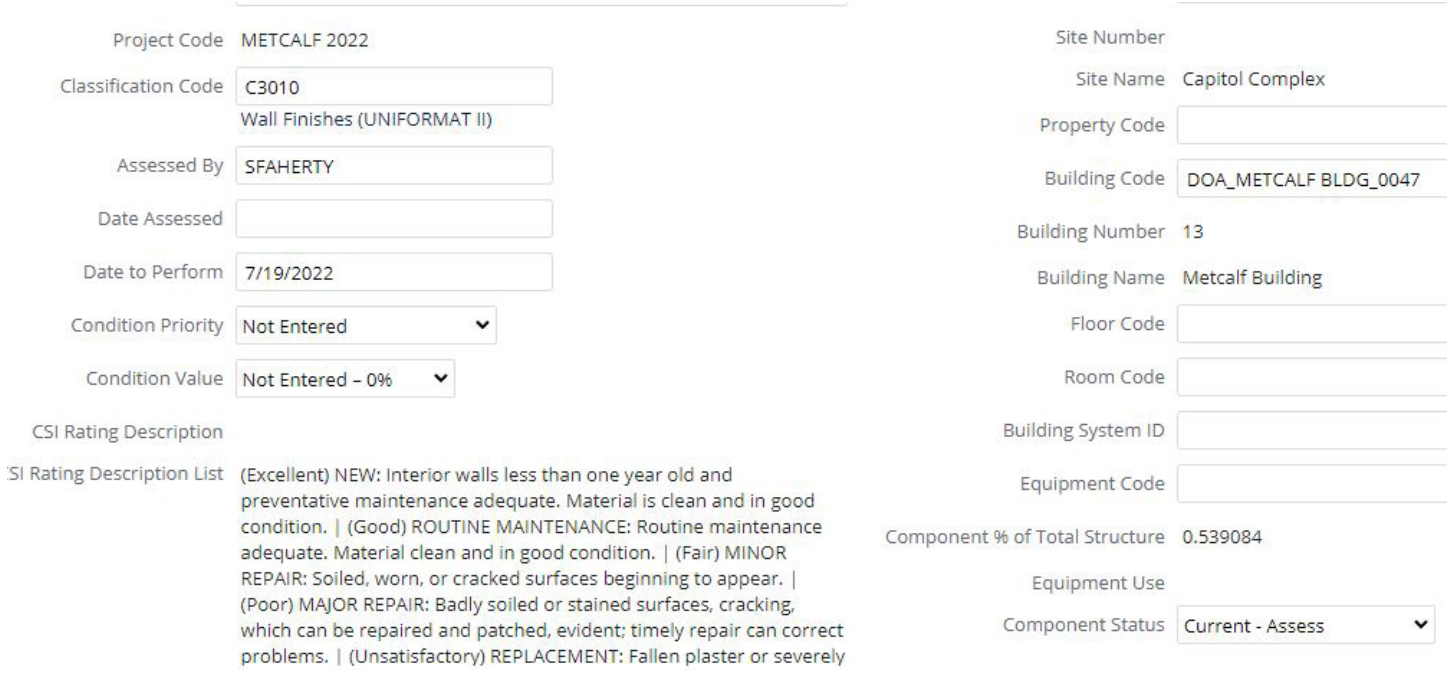
Archibus is an integrated workplace management system that combines multiple infrastructure and facilities management applications under one interface. The A&E Division has selected Archibus for the statewide facility inventory and for conducting condition assessments. Utilizing Archibus for FCAs will 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 System Implementation Status

Overview of the Archibus System

The Archibus Sustainment Management System (SMS) is a powerful suite of web-based applications designed to streamline and enhance the management of Montana's state-owned infrastructure. By providing a standardized approach to data collection, analysis, and management, Archibus enables state leadership, facility engineers, and technicians to make informed, data-driven decisions about maintaining and improving the state's built environment. The system is crucial for long-term infrastructure planning, proactive asset management, and efficient resource allocation.





Implementation Strategy - Standardization and Methodology

The Archibus system is centered on standardizing how facility data is collected and managed across all state agencies. Buildings are divided up into UNIFORMAT II, Level 3 components. A&E began by utilizing RSMeans data to accomplish this but found the result to be ineffective and expensive. In the fall of 2023, the A&E Division convened a meeting of facility managers from the University System and the General Services Division to discuss concerns and consider modifications that would allow a smooth transition to Archibus. The decision was made to utilize the methodology used by Montana State University's FCA program to divide building into assessable components, ensuring consistency with assessments performed in MSU's FCA program. These changes are being implemented in Archibus and will be completed September 2024. This change will eliminate the need for a subscription to RSMeans data, saving the state approximately $30,000 per year. In addition, standardized descriptions for each building component were implemented for the five condition values—Very Good, Good, Fair, Poor, and Unacceptable. These detailed descriptions clarify what each condition value signifies

in relation to specific components, such as windows, roofing or HVAC systems. This structured approach ensures that different assessors assign the same condition values, minimizing subjectivity and promoting uniform evaluations across all facilities. For example, a “Fair” rating for windows now precisely indicates the need for minor repairs to prevent further deterioration, ensuring consistent assessments regardless of who conducts them.



Roles and Responsibilities

Architecture & Engineering (A&E) Division

The A&E Division is the central authority overseeing the Archibus SMS program. It provides guidance, ensures consistent implementation across all agencies, and supports the integration of facility data into the system. Recognizing that some agencies lack the necessary resources for conducting facility assessments, the A&E Division requested a $1.5 million LRBP project to conduct baseline assessments for these agencies. An architecture firm has been selected to perform these assessments, and comprehensive training sessions are scheduled for September 2024. This training will equip both the consultant and state agencies, such as the University System and General Services Division, with the skills needed to effectively use Archibus for ongoing facility assessments.



State Agencies

Each state agency is responsible for maintaining accurate facility data within Archibus and incorporating this data into their daily operations. Agencies with qualified staff, like the University System and General Services Division, will manage their own assessments post-training. For those without such resources, a consultant will conduct the baseline assessments, ensuring all state-owned facilities are accurately evaluated and documented within the system.





Conclusion



The Facility Condition Assessment (FCA) program remains a vital tool in the state of Montana's strategy for managing its vast inventory of state-owned buildings. Through continuous improvements and strategic investments, the Architecture & Engineering (A&E) Division has advanced the program's effectiveness, ensuring that facility data is both comprehensive and actionable. The deployment and ongoing enhancement of the Archibus system mark a significant step forward in standardizing assessment methodologies across all state agencies, thereby enhancing the accuracy and consistency of facility data collection.

With the recent legislative funding, the state is well-positioned to address the deferred maintenance backlog through targeted assessments and prioritized repairs. The collaboration with The Building People and the upcoming training session with Cushing Terrell Architects underscore the state's commitment to equipping its agencies with the necessary tools and knowledge to manage their facilities effectively.

As we look ahead, the standardization of assessment practices and the full implementation of Archibus will provide a more transparent and efficient process for managing Montana's facility portfolio. This will ultimately lead to better-informed decisions, optimized resource allocation, and a reduction in long-term maintenance costs. The A&E Division will continue to play a central role in guiding this process, ensuring that Montana's public buildings are maintained to the highest standards, preserving their value and functionality for years to come.

Recommendations

PROVIDE ADDITIONAL RESOURCES TO ALLOW THE A&E DIVISION TO USE CONSULTANTS TO PERFORM ADDITIONAL 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 maintenance funding for the state of Utah is 1.1%.

The effectiveness of minimum funding percentage can only be measured over time through multiple condition assessment cycles involving the same facilities. As A&E continues to pursue getting baseline assessments for all eligible buildings, trends showing a comparison of funding to condition improvement is not readily available.

The 68th legislative session provided a Major Repair appropriation that was approximately double the minimum required and most of the Capital Development funded projects involved considerable deferred maintenance aspects. The total appropriated represented over 4-times the typical session average. The impacts of this funding are expected to show a significant, positive reduction in the state's backlog.

DEVELOP A NEW SYSTEM OF TRACKING THE STATEWIDE INVENTORY UTILIZING ARCGIS

A complete inventory of all state-owned buildings is critical to ensure that the Major Repair Minimum Funding is accurately calculated each session. A&E has researched potential solutions to building and maintaining this database. In discussions with Montana State Library (MSL), A&E determined that utilizing the state's ArcGIS subscription, in collaboration with a consultant, would be the most cost effective solution. Adhering to MSL's cadastral data structure will allow wider use of the data throughout the state.

Appendix A

2024 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	$29,545,912	14	165,243	$29,545,912	9	164,537	$29,519,852
Department of Administration	46	1,201,516	$442,520,446	45	1,201,516	$442,520,446	35	1,196,198	$442,241,487
Department of Agriculture	1	7,888	$742,921	1	7,888	$742,921	1	7,888	$742,921
Department of Commerce	6	160,576	$41,077,071	0			0		
Department of Corrections	136	1,222,279	$288,135,871	93	913,967	$253,276,521	55	879,413	$251,809,392
Department of Environmental Quality	44	371,892	$3,904,472	0			0		
Department of Fish, Wildlife & Parks	1,298	911,346	$113,864,318	0			0		
Department of Justice	84	287,757	$49,233,034	38	276,441	$44,434,606	29	264,201	$43,933,681
Department of Labor & Industry	13	85,516	$14,278,742	0			0		
Department of Military Affairs	89	1,164,835	$381,728,351	51	1,025,784	$361,757,779	40	1,020,743	$361,571,234
Department of Natural Resources	176	302,866	$44,966,926	146	245,666	$25,562,402	42	171,253	$22,181,505
Department of Revenue	1	108,258	$9,791,058	0			0		
Department of Transportation	1,468	1,940,801	$274,559,200	0			0		
Montana Heritage Commission	254	196,345	$45,442,538	0			0		
Montana Historical Society	2	12,839	$7,834,161	0			0		
Office of Public Instruction	31	27,312	$854,912	31	27,312	$854,912	0		
Public Health & Human Services	84	673,680	$167,642,430	65	456,441	$99,118,875	29	410,485	$96,770,475
State Fund	1	117,203	$40,157,265	0			0		
Montana State University	759	8,262,095	$2,124,700,056	411	4,297,774	$1,235,365,495	215	4,165,585	$1,227,631,931
University of Montana	553	6,525,880	$1,688,851,085	155	3,475,449	$1,027,973,612	107	3,437,525	$1,025,311,001
TOTALS:	**5,060**	**23,746,307**	**$5,769,830,769**	**1050**	**12,093,481**	**$3,521,153,482**	**562**	**11,717,828**	**$3,501,713,480**

Appendix B

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
Building: 1000 East Beckwith
Building Type/ Age Class: Apartment, 1-3 Story (11B)
Const. Date: 1970

Area Correction: 1.44
Gross Area: 2,016 Sq Ft
Cost/Sq Ft: $324.94
Replacement Cost: $655,079

Last Audit Date: 8/31/2020
Report Renewal Cost: $139,561
Deficiency Ratio: 21.3%

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:** 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:** 1.08 | **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
☑ 1
☑ 2
☑ 3
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☑ 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: 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 | **Area Correction:** 1.44 | **Last Audit Date:** 2/7/2017

Building: Chemistry Stores Building | **Gross Area:** 4,055 Sq Ft | **Report Renewal Cost:** $111,214

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $427.98 | **Deficiency Ratio:** 6.4%

Const. Date: 1998 | **Replacement Cost:** $1,735,499

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.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

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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: 11/4/2011
Report Renewal Cost: $101,081
Deficiency Ratio: 10.2%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$10,411***	***$41,499***	
1520	Footings/Foundation Walls (A)	11-04-2011	11-04-2011	2	30%	$9.85	$9,397		Existing foundation is original rubble, has been well maintained but still shows age, cracking. Built in 1898.
1521	Exterior Steps/Retaining Walls (B)	11-04-2011	11-04-2011	2	10%	$3.19	$1,014		Was refinished about 6 years ago but needs paint.
System: Envelope (2)						***Totals:***	***$90,670***	***$132,129***	
1522	Exterior Walls (A)	11-04-2011	11-04-2011	2	100%	$28.27	$89,899		Signs of dry rot, cracking of siding, paint is failing to protect. Needs to be refinished before siding is damaged beyond repair.
1523	Exterior Windows (B)	11-04-2011	11-04-2011	2	5%	$4.85	$771		Some storms show failing glazing.

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 | **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: 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

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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

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: 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

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Site: UM Missoula Main Campus
Building: Education Building
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1950

Area Correction: 0.94
Gross Area: 110,359 Sq Ft
Cost/Sq Ft: $240.47
Replacement Cost: $26,538,029

Last Audit Date: 8/28/2020
Report Renewal Cost: $1,961,136
Deficiency Ratio: 7.4%

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

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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

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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: 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

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Site: UM Missoula Main Campus
Building: Fine Arts
Building Type/ Age Class: General Classroom/Office (3A)
Const. Date: 1935

Area Correction: 0.98
Gross Area: 63,375 Sq Ft
Cost/Sq Ft: $237.12
Replacement Cost: $15,028,114

Last Audit Date: 8/28/2020
Report Renewal Cost: $4,678,534
Deficiency Ratio: 31.1%

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.

University of Montana - Facilities Condition Inventory
Deficiency Detail by Building

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

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:** 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
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Site: UM Missoula Main Campus
Building: Heating Plant
Building Type/ Age Class: Central Heating Facilities (7A)
Const. Date: 1923

Area Correction: 1.21
Gross Area: 10,160 Sq Ft
Cost/Sq Ft: $171.31
Replacement Cost: $1,740,611

Last Audit Date: 8/28/2020
Report Renewal Cost: $471,116
Deficiency Ratio: 27.1%

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:** 1.44 | **Last Audit Date:** 8/28/2020

Building: International Center | **Gross Area:** 6,853 Sq Ft | **Report Renewal Cost:** $416,760

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $348.42 | **Deficiency Ratio:** 17.5%

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: Foundations (1)						***Totals:***	***$25,024***	***$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
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: 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.
System: Finishes (5)						***Totals:***	***$62,009***	***$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	5%	$14.63	$5,013		Interior doors are cracking and need to be filled.
948	Floor Finishes (D)	02-14-2007	09-11-2015	2	50%	$11.17	$38,274		Several sections of flooring are showing wear. Carpet is worn through in places and hardwood flooring needs refinishing.
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.

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: International Center | **Gross Area:** 6,853 Sq Ft | **Report Renewal Cost:** $416,760

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $348.42 | **Deficiency Ratio:** 17.5%

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: HVAC System (7)						***Totals:***	***$119,153***	***$246,365***	
950	Heating (A)	02-14-2007	08-28-2020	4	50%	$15.69	$53,762		Heating and ventiliation need better regulation
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	08-28-2020	2	50%	$18.30	$62,705		Old, poorly designed system needs to be replaced.
System: Plumbing System (8)						***Totals:***	***$136,984***	***$330,246***	
1577	Fixtures (A)	10-26-2012	10-01-2015	2	10%	$10.53	$7,216		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	10-01-2015	2	30%	$12.20	$25,082		Waste piping is original and near the end of its life expectancy.
System: Electrical System (9)						***Totals:***	***$11,664***	***$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	10-01-2015	1	5%	$14.68	$5,030		replace upstairs panel - kitchen needs GFI.
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
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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
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Site: UM Missoula Main Campus
Building: Jeanette Rankin Hall
Building Type/ Age Class: General Classroom/Office (3A)
Const. Date: 1909

Area Correction: 1.21
Gross Area: 16,532 Sq Ft
Cost/Sq Ft: $292.77
Replacement Cost: $4,840,239

Last Audit Date: 8/28/2020
Report Renewal Cost: $2,164,097
Deficiency Ratio: 44.7%

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
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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
Building: Law
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1962

Area Correction: 0.94
Gross Area: 111,163 Sq Ft
Cost/Sq Ft: $240.47
Replacement Cost: $26,732,478

Last Audit Date: 8/31/2020
Report Renewal Cost: $2,364,314
Deficiency Ratio: 8.8%

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
☑ 1
☑ 2
☑ 3
☑ 4
☑ 5
☑ 6
☐ 7

Site: UM Missoula Main Campus
Building: Lodge
Building Type/ Age Class: General Classroom/Office (3A)
Const. Date: 1955

Area Correction: 0.96
Gross Area: 99,150 Sq Ft
Cost/Sq Ft: $232.28
Replacement Cost: $23,031,554

Last Audit Date: 8/4/2010
Report Renewal Cost: $4,809
Deficiency Ratio: 0.0%

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
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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:** 1.08 | **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:** 9/28/2021

Building: Native American Center, Payne | **Gross Area:** 29,259 Sq Ft | **Report Renewal Cost:** $457,918

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $301.17 | **Deficiency Ratio:** 5.2%

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: 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: 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

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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: 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
☑ 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: 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:** 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.

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: 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
Building: Schreiber Gymnasium
Building Type/ Age Class: General Classroom/Office (3A)
Const. Date: 1922

Area Correction: 1.04
Gross Area: 43,085 Sq Ft
Cost/Sq Ft: $251.64
Replacement Cost: $10,842,340

Last Audit Date: 8/28/2020
Report Renewal Cost: $3,750,765
Deficiency Ratio: 34.6%

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
Building: Schreiber Gymnasium
Building Type/ Age Class: General Classroom/Office (3A)
Const. Date: 1922

Area Correction: 1.04
Gross Area: 43,085 Sq Ft
Cost/Sq Ft: $251.64
Replacement Cost: $10,842,340

Last Audit Date: 8/28/2020
Report Renewal Cost: $3,750,765
Deficiency Ratio: 34.6%

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 | **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: 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
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: 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
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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: 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
☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5 ☑ 6 ☐ 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.

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: 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
Building: University Center
Building Type/ Age Class: College, Student Union (21B)
Const. Date: 1968

Area Correction: 0.93
Gross Area: 178,844 Sq Ft
Cost/Sq Ft: $212.28
Replacement Cost: $37,965,004

Last Audit Date: 7/26/2010
Report Renewal Cost: $377,411
Deficiency Ratio: 1.0%

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
Building: University Center
Building Type/ Age Class: College, Student Union (21B)
Const. Date: 1968

Area Correction: 0.93
Gross Area: 178,844 Sq Ft
Cost/Sq Ft: $212.28
Replacement Cost: $37,965,004

Last Audit Date: 7/26/2010
Report Renewal Cost: $377,411
Deficiency Ratio: 1.0%

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
☑ 1
☑ 2
☑ 3
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☑ 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: 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.

MONTANA STATE UNIVERSITY

DEFICIENCY DETAIL REPORTS

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: 1102 So. 6th
Building Type/ Age Class: Apartment, 1-3 Story (11B)
Const. Date: 1950

Area Correction: 1.44
Gross Area: 4,850 Sq Ft
Cost/Sq Ft: $324.94
Replacement Cost: $1,433,310

Last Audit Date: 8/12/2022
Report Renewal Cost: $413,425
Deficiency Ratio: 28.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$4,777***	***$55,533***	
2314	Footings/Foundation Walls (A)	09-21-2005	08-10-2022	2	10%	$9.85	$4,777		Repair crack and parging on foundation N side & E. Side
System: Envelope (2)						***Totals:***	***$166,591***	***$200,936***	
6363	Exterior Walls (A)	01-25-2017	08-10-2022	2	100%	$28.27	$137,110		Paint exterior trim and window casings as needed, replace siding, replace soffit and and remove garage structure. Consider energy retrofit during planned envelop replacement.
2316	Exterior Windows (B)	09-21-2005	08-10-2022	2	95%	$5.71	$26,309		Replace windows (West end had some storm windows put on).
9700	Interior Columns/Beams (D)	08-10-2022	08-10-2022	2	10%	$6.54	$3,172		Repair or remove chimneys. At risk of falling down. Repoint masonry at the very least.
System: Floor System (3)						***Totals:***	***$18,745***	***$226,932***	
6131	Floor Structure (A)	10-28-2015	10-28-2015	3	10%	$38.65	$18,745		Install stair rails.
System: Roof System (4)						***Totals:***	***$18,523***	***$38,267***	
6365	Structure (A)	01-25-2017	01-25-2017	2	5%	$2.18	$529		Install gutters
6364	Covering (B)	01-25-2017	08-10-2022	2	100%	$3.71	$17,994		Replace roof, soffits, and fasia and install heat tape at valleys.
System: Finishes (5)						***Totals:***	***$18,835***	***$297,887***	
2320	Floor Finishes (D)	09-21-2005	08-10-2022	2	30%	$11.85	$17,242		Replace carpet as needed. Basement needs floor finishes (removed after sewer back up and not yet re-installed).
6135	Wall Finishes (E)	10-28-2015	08-10-2022	2	5%	$6.57	$1,593		Replace wall coverings and repaint as needed.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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Site: MSU-Bozeman Main Campus
Building: 1102 So. 6th
Building Type/ Age Class: Apartment, 1-3 Story (11B)
Const. Date: 1950

Area Correction: 1.44
Gross Area: 4,850 Sq Ft
Cost/Sq Ft: $324.94
Replacement Cost: $1,433,310

Last Audit Date: 8/12/2022
Report Renewal Cost: $413,425
Deficiency Ratio: 28.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$0***	***$45,202***	
6366	Toilet Partitions (A)	01-25-2017	01-25-2017	2	10%	$0.00	$0		Replace fixtures in apartment 5
System: HVAC System (7)						***Totals:***	***$19,810***	***$216,019***	
6367	Heating (A)	01-25-2017	01-25-2017	5	20%	$20.24	$19,633		Install programmable thermostats in main level and basement
9709	Ventilating (B)	08-10-2020	08-10-2020	4	1%	$3.65	$177		Add dehumidifier.
System: Plumbing System (8)						***Totals:***	***$86,944***	***$239,784***	
9701	Supply Piping (B)	08-10-2022	08-10-2022	2	50%	$22.19	$53,811		Supply piping is beyone expected useful life but not experiencing many failures.
4754	Waste Piping (C)	02-27-2013	02-27-2013	2	15%	$10.51	$7,646		Provide exterior cleanout at main sewer.
9702	Waste Piping (C)	08-10-2022	08-10-2022	2	50%	$10.51	$25,487		Waste piping is nearing end of expected useful life. Some failures.
System: Electrical System (9)						***Totals:***	***$70,324***	***$120,135***	
9710	Building Service (A)	08-10-2020	08-10-2020	2	100%	$5.41	$26,238		Upgrade building service.
9714	Distribution (C)	08-12-2022	08-12-2022	2	100%	$9.09	$44,086		Upgrade electrical distribution
System: Safety System (11)						***Totals:***	***$8,876***	***$76,242***	
2323	Exit/Emergency Lighting/Alarms (C	09-21-2005	02-27-2013	2	25%	$1.83	$2,219		Hardwire & interconnect all smoke detectors.
2752	Exit/Emergency Lighting/Alarms (C	09-21-2005	02-27-2013	3	75%	$1.83	$6,657		Install exit signs, emergency lights and fire alarms.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/12/2022

Building: 1106 So. 6th | **Gross Area:** 2,344 Sq Ft | **Report Renewal Cost:** $87,637

Building Type/ Age Class: House, Single Family (31B) | **Cost/Sq Ft:** $157.06 | **Deficiency Ratio:** 30.1%

Const. Date: 1950 | **Replacement Cost:** $291,051

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$4,285***	***$12,634***	
4443	Footings/Foundation Walls (A)	03-09-2011	03-09-2011	2	40%	$4.57	$4,285		Repair settling and cracks.
System: Envelope (2)						***Totals:***	***$38,770***	***$46,388***	
4446	Exterior Walls (A)	03-09-2011	03-09-2011	2	100%	$13.77	$32,277		Patch, caulk, and replace exterior of building, replace soffits and fasia, and repoint/repair chimney. Consider energy retrofit during time of envelope replacement.
4447	Exterior Windows (B)	03-09-2011	01-08-2019	2	100%	$2.77	$6,493		Replace exterior windows.
System: Roof System (4)						***Totals:***	***$1,210***	***$8,227***	
7998	Covering (B)	01-08-2020	01-08-2020	2	20%	$1.68	$788		Roof covering expected useful life.
7999	Insulation (C)	01-08-2020	01-08-2020	2	20%	$0.90	$422		Roof insulation expected useful life.
System: Finishes (5)						***Totals:***	***$669***	***$70,367***	
8003	Ceilings (B)	01-08-2020	01-08-2020	2	2%	$4.58	$215		Prep and paint ceiling as needed.
8004	Floor Finishes (D)	01-08-2020	01-08-2020	2	2%	$6.64	$311		Replace floor finishes as needed.
8005	Wall Finishes (E)	01-08-2020	01-08-2020	2	2%	$3.06	$143		Prep and paint as needed.
System: Plumbing System (8)						***Totals:***	***$23,446***	***$56,256***	
9705	Fixtures (A)	08-10-2020	08-10-2020	2	25%	$8.01	$4,694		Replace worn-out fixtures as needed.
8000	Supply Piping (B)	01-08-2020	08-10-2022	2	50%	$10.87	$12,740		Supply piping expected useful life.
8001	Waste Piping (C)	01-08-2020	08-10-2022	2	50%	$5.13	$6,012		Waste piping expected useful life.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site:	**MSU-Bozeman Main Campus**	**Area Correction:**	**1.44**	**Last Audit Date:**	**8/12/2022**
Building:	**1106 So. 6th**	**Gross Area:**	**2,344 Sq Ft**	**Report Renewal Cost:**	**$87,637**
Building Type/ Age Class:	**House, Single Family (31B)**	**Cost/Sq Ft:**	**$157.06**	**Deficiency Ratio:**	**30.1%**
Const. Date:	**1950**	**Replacement Cost:**	**$291,051**		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$19,257***	***$29,581***	
9707	Building Service (A)	08-10-2020	08-10-2020	2	100%	$3.32	$7,782		Upgrade building service.
7997	Lighting (B)	01-08-2020	01-08-2020	5	15%	$3.57	$1,255		Upgrade lighting to LED throughout.
9712	Distribution (C)	08-12-2022	08-12-2022	2	100%	$4.36	$10,220		Upgrade electrical distribution.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 7/13/2022

Building: AJM Johnson Hall | **Gross Area:** 42,268 Sq Ft | **Report Renewal Cost:** $3,745,252

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $266.05 | **Deficiency Ratio:** 33.8%

Const. Date: 1954 | **Replacement Cost:** $11,073,683

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$14,303***	***$238,392***	
1257	Footings/Foundation Walls (A)	01-14-2004	01-14-2004	2	1%	$4.49	$1,898		Assess and monitor concrete spalling on east & west foundation wall.
9369	Footings/Foundation Walls (A)	07-13-2022	07-13-2022	2	5%	$4.49	$9,489		Foundation leaking at south east side. Correct by extending rain leader to storm sewer.
7482	Exterior Steps/Retaining Walls (B)	01-09-2019	01-09-2019	2	5%	$1.15	$2,430		Replace ceiling tile at west entrance exit.
7484	Exterior Steps/Retaining Walls (B)	01-09-2019	01-09-2019	2	1%	$1.15	$486		Repaint or replace south enterance hand rail. Rusting.
System: Envelope (2)						***Totals:***	***$384,530***	***$934,968***	
1258	Exterior Walls (A)	01-14-2004	01-13-2010	2	2%	$5.95	$5,030		Reseal joints at louver.
4280	Exterior Walls (A)	01-13-2010	01-13-2010	2	1%	$5.95	$2,515		Seal vertical cracks on concrete walls.
7481	Exterior Walls (A)	01-09-2019	01-09-2019	2	2%	$5.95	$5,030		Patch drivit on south side.
7483	Exterior Walls (A)	01-09-2019	07-13-2022	2	4%	$5.95	$10,060		Wall tiles broken on east and west sides.
9366	Exterior Walls (A)	07-13-2022	07-13-2022	2	1%	$5.95	$2,515		Repair crack on west side soffit.
4719	Exterior Windows (B)	12-12-2012	12-12-2012	5	10%	$8.08	$34,153		Replace storefront system at main stair with insulated glass (glazing at stairwell walls on west side).
9367	Exterior Windows (B)	07-13-2022	07-13-2022	2	1%	$8.08	$3,415		Recaulk gaps on west side windows.
9368	Exterior Windows (B)	07-13-2022	07-13-2022	2	89%	$8.08	$303,958		Replace windows.
6107	Exterior Doors/Hatches (C)	01-10-2007	12-16-2015	2	33%	$1.28	$17,854		Replace original class entry door systems at the East Entry.
System: Floor System (3)						***Totals:***	***$8,792***	***$1,145,885***	
1259	Floor Structure (A)	01-13-2010	01-13-2010	2	1%	$20.80	$8,792		Monitor crack in floor slab at roof level in access stair.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 7/13/2022

Building: AJM Johnson Hall | **Gross Area:** 42,268 Sq Ft | **Report Renewal Cost:** $3,745,252

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $266.05 | **Deficiency Ratio:** 33.8%

Const. Date: 1954 | **Replacement Cost:** $11,073,683

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$232,026***	***$2,236,400***	
1262	Interior Wall Systems (A)	01-14-2004	01-14-2004	2	5%	$14.51	$30,665		Monitor cracks in masonry on interior walls.
7478	Ceilings (B)	01-09-2019	01-09-2019	2	5%	$12.83	$27,115		Replace ceiling tile as needed.
1264	Interior Doors/Hardware/Windows (	01-14-2004	01-14-2004	2	4%	$10.56	$17,854		Replace worn out lock cores on interior doors.
151	Floor Finishes (D)	12-13-2000	01-09-2019	2	20%	$7.33	$61,965		Replace flooring as needed.
6111	Floor Finishes (D)	12-16-2015	12-16-2015	2	5%	$7.33	$15,491		Monitor cracks in 2nd floor Terrazo.
7479	Floor Finishes (D)	01-09-2019	01-09-2019	2	15%	$7.33	$46,474		Replace epoxing flooring in basement.
9364	Wall Finishes (E)	07-13-2022	07-13-2022	2	10%	$7.68	$32,462		Repaint walls as needed.
System: Specialties (6)						***Totals:***	***$70,799***	***$642,896***	
1265	Toilet Partitions (A)	01-14-2004	12-12-2012	6	50%	$2.25	$47,552		Replace toilet partitions.
9370	Chalk/Tack/Whiteboards/Cabinets (	07-13-2022	07-13-2022	2	5%	$11.00	$23,247		Replace / repair cabinets as needed.
System: HVAC System (7)						***Totals:***	***$1,037,680***	***$1,596,462***	
4277	Heating (A)	01-13-2010	01-13-2010	2	100%	$18.88	$798,020		Replace/upgrade entire HVAC system. (Most of the system is original and failing. It is hard or impossible to get many of the parts.)
4278	Ventilating (B)	01-13-2010	01-13-2010	2	100%	$5.67	$239,660		Replace/upgrade entire HVAC system.

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Site: MSU-Bozeman Main Campus
Building: AJM Johnson Hall
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1954

Area Correction: 1.04
Gross Area: 42,268 Sq Ft
Cost/Sq Ft: $266.05
Replacement Cost: $11,073,683

Last Audit Date: 7/13/2022
Report Renewal Cost: $3,745,252
Deficiency Ratio: 33.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$1,429,335***	***$1,684,380***	
4283	Fixtures (A)	01-13-2010	12-16-2015	2	80%	$9.64	$325,971		Install energy efficient plumbing fixtures.
7487	Fixtures (A)	01-09-2019	01-09-2019	2	20%	$9.64	$81,493		Arco water heating unit beyond expected useful life. Replace.
6115	Supply Piping (B)	12-16-2015	01-09-2019	2	80%	$20.43	$690,828		Replace piping (beyond expected useful life).
3000	Waste Piping (C)	01-10-2007	01-09-2019	2	80%	$9.79	$331,043		Replace worn out sanitary sewer system. (beyond normal life and some concern expressed by plumbers).
System: Electrical System (9)						***Totals:***	***$213,158***	***$1,563,071***	
7489	Lighting (B)	01-09-2019	01-09-2019	5	15%	$9.76	$61,880		Upgrade lighting to LED and add occupancy sensors.
7490	Distribution (C)	01-09-2019	01-09-2019	2	15%	$11.93	$75,639		Replace code deficient secondary electrical system.
7491	Distribution (C)	01-09-2019	01-09-2019	2	15%	$11.93	$75,639		Replace worn out/obsolete distribution panels.
System: Safety System (11)						***Totals:***	***$354,629***	***$609,505***	
1271	Extinguishing System (B)	01-14-2004	01-14-2004	3	100%	$5.82	$246,000		Add extinguishing system throughout.
9371	Exit/Emergency Lighting/Alarms (C	07-13-2022	07-13-2022	2	50%	$5.14	$108,629		Edwards EST-IO64 fire alarm system due for replacement in 2034.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Animal Bioscience Building
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 2010
Area Correction: 1.08
Gross Area: 37,060 Sq Ft
Cost/Sq Ft: $320.99
Replacement Cost: $12,559,660
Last Audit Date: 2/10/2021
Report Renewal Cost: $261,895
Deficiency Ratio: 2.1%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$11,118***	***$327,240***	
5559	Exterior Steps/Retaining Walls (B)	09-10-2014	09-13-2017	2	2%	$1.20	$889		Replace railing posts that are rusting close to surface of steps or remove stairs. Stairs are spalling (North side of building).
5560	Exterior Steps/Retaining Walls (B)	09-10-2014	09-10-2014	2	23%	$1.20	$10,229		Drill some holes in Planter bed on North side. Repair water damage.
System: Envelope (2)						***Totals:***	***$4,229***	***$1,168,502***	
5561	Exterior Walls (A)	09-10-2014	09-10-2014	2	1%	$11.41	$4,229		Replace aluminum siding panel gaskets that are failing.
System: Roof System (4)						***Totals:***	***$54,478***	***$557,012***	
8384	Covering (B)	02-10-2021	02-10-2021	2	10%	$7.35	$27,239		2010 asphault shingle covering expected useful life (30 year lifespan original to facility).
8385	Covering (B)	02-10-2021	02-10-2021	2	10%	$7.35	$27,239		Roof insulation expected useful life.
System: Finishes (5)						***Totals:***	***$47,704***	***$2,333,298***	
8383	Ceilings (B)	02-10-2021	02-10-2021	2	1%	$13.32	$4,936		Replace ceiling tiles as needed.
8382	Floor Finishes (D)	02-10-2021	02-10-2021	2	5%	$11.35	$21,032		Replace floor finishes as needed.
4648	Wall Finishes (E)	01-20-2012	02-10-2021	2	5%	$11.73	$21,736		Repaint wall finishes as needed. (Offices, common areas).
System: Specialties (6)						***Totals:***	***$1,482***	***$846,080***	
5564	Signage/Directories (B)	09-10-2014	09-10-2014	2	5%	$0.80	$1,482		Replace stairwell and stair exit signs.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 2/10/2021
Building: Animal Bioscience Building | **Gross Area:** 37,060 Sq Ft | **Report Renewal Cost:** $261,895
Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $320.99 | **Deficiency Ratio:** 2.1%
Const. Date: 2010 | **Replacement Cost:** $12,559,660

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$21,791***	***$1,593,951***	
5565	Cooling (C)	09-10-2014	02-10-2021	2	10%	$5.88	$21,791		Add thermal mass (storage tanks) for increased chiller load. Chiller shortcycling is decreasing lifecycle.
System: Plumbing System (8)						***Totals:***	***$85,775***	***$2,646,455***	
8386	Fixtures (A)	02-10-2021	02-10-2021	2	15%	$15.43	$85,775		Supply piping for deionized water is out of date and will have to be replaced as it fails.
System: Electrical System (9)						***Totals:***	***$35,318***	***$1,073,628***	
8381	Lighting (B)	02-10-2021	02-10-2021	5	10%	$9.53	$35,318		Upgrade lighting to LED throughout.

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.94 | **Last Audit Date:** 10/14/2022

Building: Barnard Hall | **Gross Area:** 149,388 Sq Ft | **Report Renewal Cost:** $6,208,295

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $279.38 | **Deficiency Ratio:** 14.8%

Const. Date: 1996 | **Replacement Cost:** $41,845,157

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Floor System (3)						***Totals:***	***$46,475***	***$2,402,159***	
3006	Floor Structure (A)	02-14-2007	02-14-2007	2	2%	$10.37	$30,983		Review slab in room 130 - severe cracking & fracture evidence
4296	Floor Structure (A)	02-10-2010	02-10-2010	2	1%	$10.37	$15,492		Repair joints and thresholds at settled slabs. (on going)
System: Roof System (4)						***Totals:***	***$1,471,472***	***$1,953,995***	
371	Covering (B)	01-14-1998	01-09-2013	2	100%	$6.40	$956,083		Replace roof covering. Roof installation was already poor two years after it was installed. There is no warranty on the roof.
372	Insulation (C)	01-10-2001	10-14-2022	2	100%	$3.45	$515,389		REPLACE WET INSULATION.
System: Finishes (5)						***Totals:***	***$684,346***	***$8,186,462***	
10311	Ceilings (B)	10-14-2022	10-14-2022	2	5%	$11.59	$86,570		Replace ceiling tiles as needed.
4291	Floor Finishes (D)	02-10-2010	10-14-2022	2	15%	$9.88	$221,393		Repair tile at settled floors. (on going)
7523	Floor Finishes (D)	02-13-2019	02-13-2019	2	10%	$9.88	$147,595		Replace flooring as needed.
373	Wall Finishes (E)	01-10-2001	10-14-2022	2	15%	$10.21	$228,788		Repair/repaint corridor walls
System: HVAC System (7)						***Totals:***	***$851,392***	***$5,593,087***	
3010	Ventilating (B)	02-14-2007	10-14-2022	2	2%	$15.25	$45,563		Replace ventilation system in room 130 (old wood shop)
10309	Ventilating (B)	10-14-2022	10-14-2022	2	30%	$15.25	$683,450		Upgrade/replace lab ventilation systems (Pheonix Controls).
6137	Cooling (C)	01-20-2016	01-20-2016	2	5%	$5.12	$38,243		Upsize chilled water pumps.
6146	Cooling (C)	01-20-2016	01-20-2016	2	1%	$5.12	$7,649		Replace cast iron vacuum line piping with PVC or copper (room 130 and rooms below 130).
10306	Cooling (C)	10-14-2022	10-14-2022	2	10%	$5.12	$76,487		Replace failed chiller VFD.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus
Building: Barnard Hall
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 1996

Area Correction: 0.94
Gross Area: 149,388 Sq Ft
Cost/Sq Ft: $279.38
Replacement Cost: $41,845,157

Last Audit Date: 10/14/2022
Report Renewal Cost: $6,208,295
Deficiency Ratio: 14.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$2,519,263***	***$9,285,958***	
6138	Fixtures (A)	01-20-2016	01-20-2016	2	3%	$13.43	$60,188		Replace fixtures and toilet valves as needed.
10307	Fixtures (A)	10-14-2022	10-14-2022	2	10%	$13.43	$200,628		Replace D1 system.
10308	Fixtures (A)	10-14-2022	10-14-2022	2	10%	$13.43	$200,628		Replace domestic water heater.
10313	Fixtures (A)	10-14-2022	10-14-2022	2	30%	$13.43	$601,884		Replace compressor.
6139	Supply Piping (B)	01-20-2016	02-13-2019	2	20%	$33.52	$1,001,497		Monitor and replace supply piping.
6140	Waste Piping (C)	01-20-2016	02-13-2019	2	20%	$15.21	$454,438		Monitor and replace waste piping.
System: Electrical System (9)						***Totals:***	***$556,171***	***$3,767,565***	
7524	Lighting (B)	02-13-2019	10-14-2022	5	30%	$8.30	$371,976		Upgrade lighting to LED throughout.
6144	Voice/Data (D)	01-20-2016	01-20-2016	2	30%	$4.11	$184,195		Replace / upgrade patch panels in telecomm rooms and jack components in rooms. (Consider upgrading cabling.)
System: Safety System (11)						***Totals:***	***$79,176***	***$1,508,819***	
10314	Exit/Emergency Lighting/Alarms (C	10-14-2022	10-14-2022	2	25%	$2.12	$79,176		Fire alarm system (Edwards EST-3x). Installed in 2017 and due for replacement in 2037.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 7/10/2019

Building: Black Box Theater | **Gross Area:** 13,777 Sq Ft | **Report Renewal Cost:** $86,519

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $314.15 | **Deficiency Ratio:** 1.9%

Const. Date: 2007 | **Replacement Cost:** $4,492,488

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$185***	***$90,377***	
5193	Exterior Steps/Retaining Walls (B)	07-10-2013	07-10-2013	2	1%	$1.34	$185		Repair spalling stairs.
System: Envelope (2)						***Totals:***	***$6,062***	***$354,620***	
4391	Exterior Walls (A)	08-11-2010	08-11-2010	2	5%	$6.92	$4,767		Monitor issues at siding panel connections and gaskets at metal cladding (leakage on stair, future problem in offices - vestibule on Black Box entrance)
7884	Exterior Windows (B)	07-10-2019	07-10-2019	2	1%	$9.40	$1,295		Replace failing window seals.
System: Roof System (4)						***Totals:***	***$2,955***	***$127,437***	
7885	Covering (B)	07-10-2019	07-10-2019	2	5%	$4.29	$2,955		Roof expected useful life. Some replaced in 2010 during hailstorm (asphault & rubber).
System: Finishes (5)						***Totals:***	***$44,569***	***$848,112***	
4393	Interior Doors/Hardware/Windows (	08-11-2010	08-11-2010	2	5%	$12.29	$8,466		Replace damaged acoustic ceiling panels in basement.
7883	Floor Finishes (D)	07-10-2019	07-10-2019	2	15%	$8.53	$17,628		Replace floor finishes (tiles, apoxy, etc.) as needed.
4392	Wall Finishes (E)	08-11-2010	07-10-2019	2	15%	$8.94	$18,475		Repair and paint interior walls.
System: Plumbing System (8)						***Totals:***	***$32,748***	***$646,968***	
7886	Supply Piping (B)	07-10-2019	07-10-2019	2	10%	$23.77	$32,748		Supply lifespan.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 5/8/2019

Building: Cheever Hall | **Gross Area:** 62,560 Sq Ft | **Report Renewal Cost:** $2,498,259

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $250.70 | **Deficiency Ratio:** 16.6%

Const. Date: 1974 | **Replacement Cost:** $15,071,432

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$9,385***	***$332,819***	
3071	Footings/Foundation Walls (A)	05-09-2007	05-09-2007	2	2%	$4.23	$5,293		Correct drainage problem at sidewalks around building.
6212	Exterior Steps/Retaining Walls (B)	04-13-2016	04-13-2016	2	1%	$1.09	$682		Monitor the rust on new steps & stairs to room 215.
7564	Exterior Steps/Retaining Walls (B)	05-08-2019	05-08-2019	2	5%	$1.09	$3,410		The new metal exterior stairs are rusting and need to be repainted.
System: Envelope (2)						***Totals:***	***$494,726***	***$1,304,376***	
1431	Exterior Walls (A)	05-12-2004	04-10-2013	2	3%	$5.61	$10,529		Repair/replace damaged 2nd floor window sills. Repair lentils.
1432	Exterior Walls (A)	05-12-2004	04-10-2013	2	2%	$5.61	$7,019		Repair/replace missing/cracked brick as needed.
4363	Exterior Walls (A)	05-12-2010	05-12-2010	2	1%	$5.61	$3,510		Replace rusted plastic softit and structure below room 215.
301	Exterior Windows (B)	05-09-2001	05-09-2007	2	10%	$7.62	$47,671		Repair /replace damaged or missing window screens.
302	Exterior Windows (B)	06-10-1992	04-10-2013	2	1%	$7.62	$4,767		Repair/replace window gaskets.
303	Exterior Windows (B)	05-09-2001	05-12-2010	5	78%	$7.62	$371,832		Replace windows with thermopane windows.
4779	Exterior Windows (B)	04-10-2013	04-10-2013	2	8%	$7.62	$38,137		Repair/replace window latches / hardware as needed.
6214	Exterior Doors/Hatches (C)	04-13-2016	04-13-2016	2	15%	$1.20	$11,261		Repaint all exterior doors.
System: Roof System (4)						***Totals:***	***$2,177***	***$468,574***	
6216	Covering (B)	04-13-2016	04-13-2016	3	1%	$3.48	$2,177		Add overflow drains.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 5/8/2019

Building: Cheever Hall | **Gross Area:** 62,560 Sq Ft | **Report Renewal Cost:** $2,498,259

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $250.70 | **Deficiency Ratio:** 16.6%

Const. Date: 1974 | **Replacement Cost:** $15,071,432

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$331,003***	***$3,119,242***	
307	Ceilings (B)	05-09-2001	04-10-2019	2	10%	$12.09	$75,635		REPLACE/REPAIR DAMAGED & MISSING CEILING TILES AND GYPBOARD CEILINGS.
6218	Interior Doors/Hardware/Windows (	04-13-2016	04-13-2016	2	2%	$9.95	$12,449		Replace / relaminate doors.
3073	Floor Finishes (D)	05-09-2007	05-09-2007	2	15%	$6.91	$64,843		VINYL FLOORING - REPLACE WORN/DAMAGED AREAS
4365	Floor Finishes (D)	05-12-2010	04-10-2013	2	5%	$6.91	$21,614		Replace carpet as needed.
4781	Floor Finishes (D)	04-10-2013	04-13-2016	2	5%	$6.91	$21,614		Replace rubber baseboard throughout 2nd floor.
7568	Floor Finishes (D)	05-08-2019	05-08-2019	2	5%	$6.91	$21,614		Remove carpet in room 237 to expose concrete floor below.
4783	Wall Finishes (E)	04-10-2013	04-10-2019	2	20%	$7.24	$90,587		Repaint interior walls.
7566	Wall Finishes (E)	05-08-2019	05-08-2019	2	5%	$7.24	$22,647		Repaint areas in the stairwells that have been used for spary painting, and remove graffiti.
System: Specialties (6)						***Totals:***	***$111,357***	***$896,485***	
6220	Toilet Partitions (A)	04-10-2013	04-10-2013	2	50%	$2.12	$66,314		Replace 1st floor toilet partitions.
3074	Signage/Directories (B)	05-09-2007	05-09-2007	3	95%	$0.72	$42,791		Provide room signage.
4787	Signage/Directories (B)	05-09-2007	05-09-2007	2	5%	$0.72	$2,252		Provide campus standard building info signage.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 5/8/2019

Building: Cheever Hall | **Gross Area:** 62,560 Sq Ft | **Report Renewal Cost:** $2,498,259

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $250.70 | **Deficiency Ratio:** 16.6%

Const. Date: 1974 | **Replacement Cost:** $15,071,432

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)					***Totals:***		***$868,583***	***$2,226,510***	
4369	Heating (A)	05-12-2010	04-10-2019	2	15%	$17.80	$167,035		Upgrade BMS Digital Controls and install thermostats for perimeter rooms.
4789	Heating (A)	04-10-2013	04-13-2016	2	7%	$17.80	$77,950		Replace heat exchanger bundle (no. 1).
4790	Heating (A)	04-10-2013	04-10-2019	2	10%	$17.80	$111,357		Replace unit ventilators.
4791	Heating (A)	04-10-2013	04-10-2019	2	25%	$17.80	$278,392		Replace heating water piping.
308	Ventilating (B)	06-10-1992	04-10-2013	4	6%	$5.34	$20,044		CLEAN DUCTS, GRILLES & BALANCE SYSTEM.
4359	Ventilating (B)	05-12-2010	04-13-2016	2	15%	$5.34	$50,111		Upgrade DDC and install thermostats in perimeter rooms.
4370	Ventilating (B)	05-12-2010	05-12-2010	4	7%	$5.34	$23,385		Replace roll filters in air handling units with pleated filter medium.
4371	Ventilating (B)	05-12-2010	04-10-2013	2	8%	$5.34	$26,726		Repair wood shop dust collector.
4793	Ventilating (B)	04-10-2013	04-13-2016	2	30%	$5.34	$100,221		Replace air handler units in entire building.
4795	Ventilating (B)	04-10-2013	04-13-2016	4	2%	$5.34	$6,681		Replace ventilation system in 121 and 108A.
7570	Ventilating (B)	05-08-2019	05-08-2019	4	2%	$5.34	$6,681		Provide exhaust to various shop areas includin glaser room.
System: Plumbing System (8)					***Totals:***		***$482,838***	***$2,349,128***	
4797	Fixtures (A)	04-10-2013	04-10-2013	2	20%	$9.08	$113,609		Replace hot water heater (functioning, beyond expected useful life. There is no redundancy so this unit is critical.)
6225	Fixtures (A)	04-13-2016	04-13-2016	5	65%	$9.08	$369,229		Replace old fixtures with water efficient fixtures.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site:	MSU-Bozeman Main Campus	**Area Correction:**	0.98	**Last Audit Date:**	5/8/2019
Building:	Cheever Hall	**Gross Area:**	62,560 Sq Ft	**Report Renewal Cost:**	$2,498,259
Building Type/ Age Class:	General Classroom/Office (3B)	**Cost/Sq Ft:**	$250.70	**Deficiency Ratio:**	16.6%
Const. Date:	1974	**Replacement Cost:**	$15,071,432		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$198,190***	***$2,180,216***	
7565	Lighting (B)	05-08-2019	05-08-2019	2	10%	$9.20	$57,555		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.
3077	Distribution (C)	05-09-2007	05-09-2007	3	5%	$11.24	$35,159		PROVIDE ADDITIONAL BRANCH CIRCUIT PANEL IN STUDIO SPACE
4798	Distribution (C)	04-10-2013	04-10-2019	2	15%	$11.24	$105,476		Upgrade lighting to LED throughout.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 3/13/2019

Building: Chemistry and Biochem Building | **Gross Area:** 90,408 Sq Ft | **Report Renewal Cost:** $1,017,915

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $285.32 | **Deficiency Ratio:** 3.9%

Const. Date: 2007 | **Replacement Cost:** $25,784,701

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$12,278***	***$709,703***	
6167	Footings/Foundation Walls (A)	02-10-2016	02-10-2016	2	1%	$6.79	$6,139		Remedy foundation leak in Mech room (room #6).
6168	Footings/Foundation Walls (A)	02-10-2016	02-10-2016	2	1%	$6.79	$6,139		Repair spalling on concrete foundation of the Chemistry Store building.
System: Envelope (2)						***Totals:***	***$40,494***	***$2,534,136***	
4313	Exterior Walls (A)	03-25-2010	03-10-2010	2	2%	$10.14	$18,335		Remove efforescence from brick (due to lack of flashing membrane below Parapet).
4314	Exterior Walls (A)	03-25-2010	03-10-2010	2	2%	$10.14	$18,335		Finish on steel members is fading (5-10 years).
7533	Exterior Windows (B)	03-13-2019	03-13-2019	2	1%	$4.23	$3,824		Window seals on SE corner of buuilding (main entrance) are broken.
System: Roof System (4)						***Totals:***	***$195,119***	***$1,207,851***	
7535	Covering (B)	03-13-2019	03-13-2019	2	33%	$6.54	$195,119		Roof is 10 years old with 30 year lifespan.
System: Finishes (5)						***Totals:***	***$68,494***	***$5,060,136***	
4748	Interior Wall Systems (A)	02-13-2013	02-13-2013	6	1%	$21.00	$18,986		Monitor cracking at South East lobby bulkhead.
6170	Interior Doors/Hardware/Windows (	02-10-2016	02-10-2016	2	1%	$2.61	$2,360		Replace warping door slabs as needed.
6173	Wall Finishes (E)	02-10-2016	03-13-2019	2	5%	$10.43	$47,148		Repaint as needed (damage from public areas furniture).
System: Specialties (6)						***Totals:***	***$27,556***	***$1,835,282***	
6171	Chalk/Tack/Whiteboards/Cabinets (	02-10-2016	02-10-2016	2	3%	$10.16	$27,556		Replace warping whiteboards as needed.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 3/13/2019

Building: Chemistry and Biochem Building | **Gross Area:** 90,408 Sq Ft | **Report Renewal Cost:** $1,017,915

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $285.32 | **Deficiency Ratio:** 3.9%

Const. Date: 2007 | **Replacement Cost:** $25,784,701

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$37,719***	***$3,456,298***	
7541	Ventilating (B)	03-13-2019	03-13-2019	2	1%	$15.57	$14,077		Chemistry Stores AHU leaks through roof during periods of heavy precipitation.
7538	Cooling (C)	03-13-2019	03-13-2019	2	5%	$5.23	$23,642		Relocate lower sump to prevent current water and corrosion issues. THIS IS A HIGH PRIORITY FOR BUILDING.
System: Plumbing System (8)						***Totals:***	***$12,395***	***$5,739,100***	
4323	Fixtures (A)	03-10-2010	03-10-2010	2	1%	$13.71	$12,395		Replace poor quality DI fixtures throughout building.
System: Electrical System (9)						***Totals:***	***$114,863***	***$2,328,910***	
7534	Lighting (B)	03-13-2019	03-13-2019	5	15%	$8.47	$114,863		Upgrade lighting to LED throughout.
System: Conveying (10)						***Totals:***	***$508,997***	***$508,997***	
7539	Elevator/Lift (A)	03-13-2019	03-13-2019	2	100%	$5.63	$508,997		Elevator consistantly failing. Consider replacement.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 2/13/2019

Building: Cobleigh Hall | **Gross Area:** 99,100 Sq Ft | **Report Renewal Cost:** $7,640,275

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $283.45 | **Deficiency Ratio:** 28.6%

Const. Date: 1970 | **Replacement Cost:** $26,718,564

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$6,729***	***$777,935***	
6227	Footings/Foundation Walls (A)	05-11-2016	05-11-2016	2	1%	$6.79	$6,729		Fix grade to West side to alleviate water issues.
System: Envelope (2)						***Totals:***	***$710,389***	***$2,777,773***	
1438	Exterior Walls (A)	06-09-2004	05-08-2013	2	3%	$10.14	$30,146		Repoint joints and repair cracks throughout.
4963	Exterior Walls (A)	05-08-2013	05-08-2013	2	1%	$10.14	$10,049		Repair / replace spalled bricks.
4971	Exterior Walls (A)	05-08-2013	05-08-2013	2	1%	$10.14	$10,049		Seal horizontal surface at all precast window eyebrows.
6229	Exterior Walls (A)	05-11-2016	05-11-2016	2	1%	$10.14	$10,049		Remove rust & repaint lentils over West entry.
7521	Exterior Walls (A)	02-13-2019	02-13-2019	2	10%	$10.14	$100,487		Monitor bowing of south-side brick exterior wall.
3169	Exterior Windows (B)	06-13-2007	06-13-2007	2	100%	$4.23	$419,193		Replace windows with thermopane and repair/replace window hardware.
4983	Exterior Doors/Hatches (C)	06-13-2007	05-11-2016	2	22%	$3.76	$81,976		Repair / replace rust damage on door frames (Penthouse Doors, North door West side)
6231	Exterior Doors/Hatches (C)	05-08-2013	05-11-2016	2	2%	$3.76	$7,452		Replace exterior door hinges as needed. (some replaced in 2015)
6233	Exterior Doors/Hatches (C)	06-13-2007	06-13-2007	2	10%	$3.76	$37,262		Repair rust damage on door slabs or replace door slabs. (penthouse doors, North door West Side)
6235	Exterior Doors/Hatches (C)	05-11-2016	05-11-2016	2	1%	$3.76	$3,726		Investigate drainage on West entry.
System: Floor System (3)						***Totals:***	***$10,495***	***$1,627,222***	
6236	Floor Structure (A)	05-11-2016	05-11-2016	2	1%	$10.59	$10,495		Monitor cracks in slab around concrete press (room 104).

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 2/13/2019

Building: Cobleigh Hall | **Gross Area:** 99,100 Sq Ft | **Report Renewal Cost:** $7,640,275

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $283.45 | **Deficiency Ratio:** 28.6%

Const. Date: 1970 | **Replacement Cost:** $26,718,564

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$675,466***	***$5,546,627***	
242	Ceilings (B)	07-08-1992	06-13-2007	2	5%	$11.84	$58,667		Replace ceiling tile as needed.
5005	Floor Finishes (D)	05-08-2013	05-11-2016	2	10%	$10.09	$99,992		Repair / replace flooring as needed.
1437	Wall Finishes (E)	06-12-2001	05-08-2013	2	30%	$10.43	$310,084		PAINT INTERIOR WALLS AS NEEDED.
7518	Wall Finishes (E)	02-13-2019	02-13-2019	2	20%	$10.43	$206,723		Paint interior walls as needed.
System: Specialties (6)						***Totals:***	***$255,876***	***$2,121,731***	
1442	Toilet Partitions (A)	06-09-2004	05-11-2016	2	90%	$2.08	$185,515		UPGRADE TOILET PARTITIONS.
1443	Signage/Directories (B)	06-09-2004	05-11-2016	3	100%	$0.71	$70,361		UPGRADE ROOM SIGNAGE TO CAMPUS STANDARDS
System: HVAC System (7)						***Totals:***	***$602,261***	***$3,788,593***	
244	Heating (A)	06-12-2001	06-13-2007	5	5%	$17.43	$86,366		INSULATE ALL CONDENSATE LINES.
246	Heating (A)	06-12-2001	05-11-2016	4	1%	$17.43	$17,273		Upgrade heat units in concrete labs. (pipes freezing)
4379	Heating (A)	06-09-2010	06-09-2010	2	5%	$17.43	$86,366		Repair/ replace/ upgrade steam condensate system serving water heater.
3162	Ventilating (B)	06-13-2007	02-13-2019	2	20%	$15.57	$308,597		Replace hood exhaust fans.
6239	Cooling (C)	05-11-2016	02-13-2019	2	20%	$5.23	$103,659		Condensation for Civil Engineering cooling tower getting in lab.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 2/13/2019

Building: Cobleigh Hall | **Gross Area:** 99,100 Sq Ft | **Report Renewal Cost:** $7,640,275

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $283.45 | **Deficiency Ratio:** 28.6%

Const. Date: 1970 | **Replacement Cost:** $26,718,564

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$5,011,348***	***$6,222,489***	
1445	Fixtures (A)	06-09-2004	02-13-2019	6	50%	$13.03	$645,636		REPLACE SINKS & URINAL FIXTURES
3167	Fixtures (A)	06-13-2007	05-08-2013	2	35%	$13.03	$451,946		REPLACE HOT WATER HEATER
6240	Fixtures (A)	05-11-2016	05-11-2016	2	7%	$13.03	$90,389		Replace all faucets (beyond life & for energy conservation).
6241	Supply Piping (B)	05-11-2016	02-13-2019	2	80%	$34.24	$2,714,547		Replace supply piping. (beyond life, but still functioning)
6243	Supply Piping (B)	05-11-2016	05-11-2016	2	10%	$34.24	$339,318		Replace valves (beyond life).
6242	Waste Piping (C)	05-11-2016	02-13-2019	2	50%	$15.53	$769,512		Replace cast iron waste piping. (beyond life, but still functioning).
System: Electrical System (9)						***Totals:***	***$367,711***	***$2,323,895***	
6244	Building Service (A)	05-11-2016	02-13-2019	2	70%	$2.73	$189,380		Replace switchgear (beyond life, can't get replacement parts)
7520	Lighting (B)	02-13-2019	02-13-2019	5	15%	$7.63	$113,420		Update lighting to LED throughout.
5008	Distribution (C)	05-08-2013	05-08-2013	2	5%	$9.32	$46,181		Replace worn breakers as nessecary.
1447	Voice/Data (D)	06-09-2004	06-13-2007	3	5%	$3.78	$18,730		REMOVE ABANDONED ITC CABLE THROUGHOUT THE BUILDING.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 1/13/2021
Building: Cooley Lab | **Gross Area:** 37,929 Sq Ft | **Report Renewal Cost:** $225,309
Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $320.99 | **Deficiency Ratio:** 1.8%
Const. Date: 2013 | **Replacement Cost:** $12,357,794

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)						***Totals:***	***$86,421***	***$570,073***	
5451	Covering (B)	04-16-2014	04-16-2014	2	1%	$7.35	$2,788		Extend roof drain outlets at SE corner of building. (water is seeping into laser room 5E)
8379	Covering (B)	01-13-2021	01-13-2021	2	30%	$7.35	$83,633		Roof expected useful life - asphault shingle (30 EUL).
System: Finishes (5)						***Totals:***	***$138,888***	***$2,388,010***	
6419	Interior Wall Systems (A)	03-08-2017	03-08-2017	2	15%	$23.63	$134,439		Paint all common areas (hallways, public areas, restrooms) as needed.
5452	Wall Finishes (E)	04-16-2014	04-16-2014	2	1%	$11.73	$4,449		Install chair rails in public areas (199CM, 499CM).

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 1/26/2022

Building: Culbertson Hall | **Gross Area:** 48,638 Sq Ft | **Report Renewal Cost:** $4,238,640

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $266.05 | **Deficiency Ratio:** 33.5%

Const. Date: 1955 | **Replacement Cost:** $12,655,336

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$408,559***	***$1,075,873***	
8790	Exterior Windows (B)	01-26-2022	01-26-2022	2	100%	$8.08	$392,995		Replace all windows and hardware.
6029	Exterior Doors/Hatches (C)	07-08-2015	07-08-2015	2	25%	$1.28	$15,564		Repaint exterior doors.
System: Floor System (3)						***Totals:***	***$9,207***	***$1,318,576***	
7098	Stair Treads/Risers (B)	04-11-2018	04-11-2018	2	3%	$6.31	$9,207		Moniter crack between North stairwell and original building.
System: Roof System (4)						***Totals:***	***$71,790***	***$386,672***	
8782	Covering (B)	01-26-2022	01-26-2022	2	40%	$3.69	$71,790		EPDM installed in 2006. No signs of failure.
System: Finishes (5)						***Totals:***	***$285,836***	***$2,573,437***	
1061	Ceilings (B)	06-11-2003	01-26-2022	2	15%	$12.83	$93,604		Replace/repair damaged ceiling tiles.
8783	Interior Doors/Hardware/Windows (	01-26-2022	01-26-2022	3	5%	$10.56	$25,681		Install panic hardware.
357	Floor Finishes (D)	06-09-1994	01-26-2022	2	30%	$7.33	$106,955		Replace floor covering.
1062	Floor Finishes (D)	06-11-2003	06-11-2003	2	1%	$7.33	$3,565		Repair 1st floor tiles (First Floor).
6042	Wall Finishes (E)	07-08-2015	01-26-2022	2	15%	$7.68	$56,031		Repaint as needed.
System: Specialties (6)						***Totals:***	***$628,403***	***$739,784***	
3876	Toilet Partitions (A)	06-10-2009	01-26-2022	2	100%	$2.25	$109,436		Replace outdated toilet partitions.
6031	Signage/Directories (B)	07-08-2015	07-08-2015	3	100%	$0.77	$37,451		Upgrade signage to campus standard.
8784	Chalk/Tack/Whiteboards/Cabinets (	01-26-2022	01-26-2022	2	90%	$11.00	$481,516		Replace cabinetry throughout.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 1/26/2022

Building: Culbertson Hall | **Gross Area:** 48,638 Sq Ft | **Report Renewal Cost:** $4,238,640

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $266.05 | **Deficiency Ratio:** 33.5%

Const. Date: 1955 | **Replacement Cost:** $12,655,336

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$880,644***	***$1,837,057***	
358	Heating (A)	06-09-1994	04-11-2017	2	25%	$18.88	$229,571		Repair steampiping and insulation.
4691	Heating (A)	07-11-2012	04-11-2018	2	25%	$18.88	$229,571		Fintube fixtures falling off plaster. Wall deteriorating back of fintubes. Remount fin tube fixtures.
6032	Heating (A)	07-08-2015	07-08-2015	2	10%	$18.88	$91,829		Replace obsolete controls (no parts available).
7090	Heating (A)	04-11-2018	04-11-2018	2	25%	$18.88	$229,571		Repair/replace condensate piping.
8785	Heating (A)	01-26-2022	01-26-2022	2	10%	$18.88	$91,829		Replace pneumatic piping.
359	Ventilating (B)	06-14-2000	06-14-2000	2	3%	$5.67	$8,273		Clean bathroom ductwork.
System: Plumbing System (8)						***Totals:***	***$964,151***	***$1,938,224***	
1064	Fixtures (A)	06-11-2003	01-26-2022	2	75%	$9.64	$351,653		Replace worn out fixtures.
6044	Fixtures (A)	07-08-2015	07-08-2015	2	1%	$9.64	$4,689		Replace controls for Airco downstairs.
6045	Supply Piping (B)	07-08-2015	07-08-2015	2	40%	$20.43	$397,470		Replace supply piping nearing end of expected useful life. Few failures.
8787	Supply Piping (B)	01-26-2022	01-26-2022	3	2%	$20.43	$19,873		Install backflow device.
8786	Waste Piping (C)	01-26-2022	01-26-2022	2	40%	$9.79	$190,466		Waste piping nearing end of expected useful life. Few failures
System: Electrical System (9)						***Totals:***	***$160,773***	***$1,798,633***	
7100	Lighting (B)	04-11-2018	04-11-2018	5	15%	$9.76	$71,206		Upgrade lighting to LED throughout for energy efficiency.
8788	Distribution (C)	01-26-2022	01-26-2022	3	5%	$11.93	$29,013		Investigate GFCI upgrades in bathrooms.
7093	Voice/Data (D)	04-11-2018	04-11-2018	2	15%	$8.30	$60,554		Upgrade data coverage (routing and access of cabling is difficult and preventing wireless upgrade).

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 1/26/2022

Building: Culbertson Hall | **Gross Area:** 48,638 Sq Ft | **Report Renewal Cost:** $4,238,640

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $266.05 | **Deficiency Ratio:** 33.5%

Const. Date: 1955 | **Replacement Cost:** $12,655,336

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Conveying (10)						***Totals:***	***$296,205***	***$296,205***	
365	Elevator/Lift (A)	06-11-2003	01-26-2022	3	100%	$6.09	$296,205		Replace freight elevator with a passenger elevator.
System: Safety System (11)						***Totals:***	***$533,072***	***$701,360***	
367	Extinguishing System (B)	06-11-2003	01-26-2022	3	100%	$5.82	$283,073		Install fire suppression system.
8781	Exit/Emergency Lighting/Alarms (C	01-26-2022	01-26-2022	3	100%	$5.14	$249,999		Upgrade fire monitoring system.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/22/2018

Building: FS Butler Building | **Gross Area:** 4,276 Sq Ft | **Report Renewal Cost:** $76,401

Building Type/ Age Class: Warehouse/Storage Facilities (8B) | **Cost/Sq Ft:** $170.18 | **Deficiency Ratio:** 10.5%

Const. Date: 1958 | **Replacement Cost:** $727,690

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$1,988***	***$46,566***	
7226	Footings/Foundation Walls (A)	08-22-2018	08-22-2018	2	5%	$9.30	$1,988		Monitor foundation cracks.
System: Envelope (2)						***Totals:***	***$16,035***	***$154,064***	
7223	Exterior Walls (A)	08-22-2018	08-22-2018	2	20%	$18.75	$16,035		Exterior of building bent, punctured and showing wear.
System: Roof System (4)						***Totals:***	***$41,990***	***$84,665***	
7221	Covering (B)	08-22-2018	08-22-2018	2	100%	$9.82	$41,990		Replace roof.
System: Specialties (6)						***Totals:***	***$4,533***	***$5,345***	
7368	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$4,533		Install building signage.
System: HVAC System (7)						***Totals:***	***$5,132***	***$64,183***	
7227	Ventilating (B)	08-22-2018	08-22-2018	2	10%	$6.00	$2,566		Repair/replace insulation on duct-work.
7230	Ventilating (B)	08-22-2018	08-22-2018	2	10%	$6.00	$2,566		Repair ventilation on dust collector.
System: Plumbing System (8)						***Totals:***	***$1,360***	***$43,401***	
7228	Waste Piping (C)	08-22-2018	08-22-2018	2	5%	$6.36	$1,360		Monitor drain, does not always work.
System: Electrical System (9)						***Totals:***	***$5,363***	***$65,637***	
7222	Lighting (B)	08-22-2018	08-22-2018	5	15%	$6.27	$4,022		Upgrade lighting to LED throughout.
7225	Lighting (B)	08-22-2018	08-22-2018	3	5%	$6.27	$1,341		Install light covers.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/22/2018

Building: FS Campus Stores | **Gross Area:** 4,153 Sq Ft | **Report Renewal Cost:** $57,579

Building Type/ Age Class: Warehouse/Storage Facilities (8B) | **Cost/Sq Ft:** $170.18 | **Deficiency Ratio:** 8.1%

Const. Date: 1978 | **Replacement Cost:** $706,928

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$3,893***	***$149,633***	
7156	Exterior Walls (A)	07-11-2018	07-11-2018	2	5%	$18.75	$3,893		Vertical fascia are coming detached from façade/warping.
System: Floor System (3)						***Totals:***	***$4,224***	***$94,522***	
7153	Floor Structure (A)	07-11-2018	07-11-2018	2	5%	$20.34	$4,224		Cracks in concrete slab.
System: Roof System (4)						***Totals:***	***$40,782***	***$82,229***	
7400	Covering (B)	08-22-2018	08-22-2018	2	100%	$9.82	$40,782		Monitor roof leaks. Replace roof covering.
System: Finishes (5)						***Totals:***	***$372***	***$41,073***	
7152	Ceilings (B)	07-11-2018	07-11-2018	2	5%	$1.79	$372		Cracks in sheetrock ceilings.
System: Specialties (6)						***Totals:***	***$4,402***	***$5,191***	
7370	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$4,402		Install building signage throughout.
System: Electrical System (9)						***Totals:***	***$3,906***	***$63,749***	
7151	Lighting (B)	07-11-2018	07-11-2018	3	5%	$6.27	$1,302		Install light guards on all fluorescent light fixtures.
7155	Lighting (B)	07-11-2018	07-11-2018	5	10%	$6.27	$2,604		Replace existing fluorescent lamps in fixture with LED's.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site:	**MSU-Bozeman Main Campus**	**Area Correction:**	**1.44**	**Last Audit Date:**	**8/22/2018**
Building:	**FS Carpenter Shop**	**Gross Area:**	**2,455 Sq Ft**	**Report Renewal Cost:**	**$4,104**
Building Type/ Age Class:	**Warehouse/Storage Facilities (8B)**	**Cost/Sq Ft:**	**$170.18**	**Deficiency Ratio:**	**1.0%**
Const. Date:	**1969**	**Replacement Cost:**	**$417,987**		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$1,142***	***$26,735***	
7319	Footings/Foundation Walls (A)	08-22-2018	08-22-2018	2	5%	$9.30	$1,142		Monitor foundation cracks.
System: Envelope (2)						***Totals:***	***$360***	***$88,454***	
7320	Exterior Doors/Hatches (C)	08-22-2018	08-22-2018	2	5%	$2.93	$360		Interior side of garage door is damaged.
System: Specialties (6)						***Totals:***	***$2,602***	***$3,069***	
7372	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$2,602		Install signage throughout.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/22/2018

Building: FS Cust. Chem Storage Quonset | **Gross Area:** 974 Sq Ft | **Report Renewal Cost:** $16,503

Building Type/ Age Class: Warehouse/Storage Facilities (8A) | **Cost/Sq Ft:** $166.67 | **Deficiency Ratio:** 10.2%

Const. Date: 1946 | **Replacement Cost:** $162,003

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$453***	***$12,165***	
7204	Footings/Foundation Walls (A)	07-11-2018	07-11-2018	2	5%	$9.30	$453		Slab-on-grade foundation has leaks on North-East corner of building.
System: Envelope (2)						***Totals:***	***$3,652***	***$37,109***	
7428	Exterior Walls (A)	08-22-2018	08-22-2018	2	20%	$18.75	$3,652		Exterior walls (roof) behond life and leaking
System: Roof System (4)						***Totals:***	***$10,996***	***$20,717***	
7402	Covering (B)	08-22-2018	08-22-2018	2	100%	$11.29	$10,996		Monitor roof leaks. Replace.
System: Finishes (5)						***Totals:***	***$370***	***$10,539***	
7206	Interior Wall Systems (A)	07-11-2018	07-11-2018	2	5%	$1.93	$94		Water leaking on south wall of structure.
7205	Floor Finishes (D)	07-11-2018	07-11-2018	2	5%	$5.67	$276		Cracks in slab-on-grade floor.
System: Specialties (6)						***Totals:***	***$1,032***	***$1,179***	
7375	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$1,032		Install signage throught.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/22/2018

Building: FS Custodial Office Quonset | **Gross Area:** 1,050 Sq Ft | **Report Renewal Cost:** $20,714

Building Type/ Age Class: Warehouse/Storage Facilities (8A) | **Cost/Sq Ft:** $166.67 | **Deficiency Ratio:** 11.8%

Const. Date: 1946 | **Replacement Cost:** $174,837

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$4,770***	***$40,005***	
7430	Exterior Walls (A)	08-22-2018	08-22-2018	2	20%	$18.75	$3,938		Exterior walls damaged and leaking.
7202	Exterior Windows (B)	07-11-2018	07-11-2018	2	25%	$0.24	$63		Window on west end at key distribution desk needs replaced.
7200	Exterior Doors/Hatches (C)	07-11-2018	07-11-2018	2	25%	$2.93	$769		Water leaks around southwest and east doors.
System: Roof System (4)						***Totals:***	***$11,854***	***$22,334***	
7404	Covering (B)	08-22-2018	08-22-2018	2	100%	$11.29	$11,854		Monitor roof leaks. Replace.
System: Finishes (5)						***Totals:***	***$2,977***	***$11,361***	
7197	Floor Finishes (D)	07-11-2018	07-11-2018	2	50%	$5.67	$2,977		Carpet needs replaced throughout entire building.
System: Specialties (6)						***Totals:***	***$1,113***	***$1,271***	
7377	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$1,113		Install signange throughout.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/22/2018

Building: FS Custodial Storage Quonset | **Gross Area:** 971 Sq Ft | **Report Renewal Cost:** $63,582

Building Type/ Age Class: Warehouse/Storage Facilities (8B) | **Cost/Sq Ft:** $170.18 | **Deficiency Ratio:** 38.5%

Const. Date: 1951 | **Replacement Cost:** $165,254

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$9,030***	***$10,574***	
7187	Footings/Foundation Walls (A)	07-11-2018	07-11-2018	2	100%	$9.30	$9,030		Foundation is inadequate to support structure: rotting wood and water infiltration.
System: Envelope (2)						***Totals:***	***$21,323***	***$34,985***	
7188	Exterior Walls (A)	07-11-2018	07-11-2018	2	100%	$18.75	$18,206		Wood exterior is rotting and past its viable lifespan.
7189	Exterior Windows (B)	07-11-2018	07-11-2018	2	100%	$0.28	$272		Windows are rotting and/or broken and past their viable lifespan.
7190	Exterior Doors/Hatches (C)	07-11-2018	07-11-2018	2	100%	$2.93	$2,845		Exterior doors are wood construction, rotting, not secure and past their viable lifespan.
System: Floor System (3)						***Totals:***	***$15,800***	***$22,100***	
7191	Floor Structure (A)	07-11-2018	07-11-2018	2	80%	$20.34	$15,800		Wood floors are salvageable but are routinely exposed to the elements given other structural factores.
System: Roof System (4)						***Totals:***	***$14,089***	***$19,226***	
7192	Structure (A)	07-11-2018	07-11-2018	2	100%	$4.69	$4,554		Metal roofing is failing and is no longer watertight / weatherproof.
7193	Covering (B)	07-11-2018	07-11-2018	2	100%	$9.82	$9,535		Roof covering is past its viable lifespan.
System: Finishes (5)						***Totals:***	***$2,311***	***$9,603***	
7194	Ceilings (B)	07-11-2018	07-11-2018	2	100%	$1.79	$1,738		Ceiling material is failing and unsafe. It is past viable lifespan.
7195	Wall Finishes (E)	07-11-2018	07-11-2018	2	100%	$0.59	$573		Wall material is failing and unsafe. It is past viable lifespan.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
- [x] *1*
- [x] *2*
- [x] *3*
- [x] *4*
- [x] *5*
- [x] *6*
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Site:	**MSU-Bozeman Main Campus**	**Area Correction:**	**1.44**	**Last Audit Date:**	**8/22/2018**
Building:	**FS Custodial Storage Quonset**	**Gross Area:**	**971 Sq Ft**	**Report Renewal Cost:**	**$63,582**
Building Type/ Age Class:	**Warehouse/Storage Facilities (8B)**	**Cost/Sq Ft:**	**$170.18**	**Deficiency Ratio:**	**38.5%**
Const. Date:	**1951**	**Replacement Cost:**	**$165,254**		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$1,029***	***$1,214***	
7380	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$1,029		Install signage throughout.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/22/2018

Building: FS Electricians Quonset | **Gross Area:** 2,009 Sq Ft | **Report Renewal Cost:** $36,412

Building Type/ Age Class: Warehouse/Storage Facilities (8A) | **Cost/Sq Ft:** $166.67 | **Deficiency Ratio:** 10.9%

Const. Date: 1946 | **Replacement Cost:** $334,840

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$934***	***$25,092***	
7255	Footings/Foundation Walls (A)	08-22-2018	08-22-2018	2	5%	$9.30	$934		Monitor foundation cracks.
System: Envelope (2)						***Totals:***	***$7,828***	***$76,543***	
7432	Exterior Walls (A)	08-22-2018	08-22-2018	2	20%	$18.75	$7,534		Metal exterior damaged and leaking.
7258	Exterior Doors/Hatches (C)	08-22-2018	08-22-2018	2	5%	$2.93	$294		Monitor water infiltration at west garage door.
System: Roof System (4)						***Totals:***	***$22,682***	***$42,731***	
7257	Covering (B)	08-22-2018	08-22-2018	2	100%	$11.29	$22,682		Roof leaks and is beyond viable lifespan.
System: Finishes (5)						***Totals:***	***$388***	***$21,737***	
7254	Interior Wall Systems (A)	08-22-2018	08-22-2018	3	10%	$1.93	$388		Cover exposed insulation.
System: Specialties (6)						***Totals:***	***$2,130***	***$2,431***	
7259	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$2,130		Install signage throughout.
System: Plumbing System (8)						***Totals:***	***$207***	***$18,021***	
7252	Supply Piping (B)	08-22-2018	08-22-2018	1	5%	$2.06	$207		Install safety shower and eyewash station.
System: Electrical System (9)						***Totals:***	***$2,243***	***$27,724***	
7253	Lighting (B)	08-22-2018	08-22-2018	5	15%	$5.58	$1,682		Upgrade lighting to LED throughout.
7256	Lighting (B)	08-22-2018	08-22-2018	3	5%	$5.58	$561		Install protective tubing on lights.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/22/2018

Building: FS Engineering Quonset | **Gross Area:** 2,009 Sq Ft | **Report Renewal Cost:** $37,203

Building Type/ Age Class: Warehouse/Storage Facilities (8A) | **Cost/Sq Ft:** $166.67 | **Deficiency Ratio:** 11.1%

Const. Date: 1946 | **Replacement Cost:** $334,840

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$934***	***$25,092***	
7164	Footings/Foundation Walls (A)	07-11-2018	07-11-2018	2	5%	$9.30	$934		Cracked foundation walls.
System: Envelope (2)						***Totals:***	***$7,534***	***$76,543***	
7434	Exterior Walls (A)	08-22-2018	08-22-2018	2	20%	$18.75	$7,534		Metal exterior damaged and leaking.
System: Floor System (3)						***Totals:***	***$2,043***	***$45,725***	
7165	Floor Structure (A)	07-11-2018	07-11-2018	2	5%	$20.34	$2,043		Cracks in floor (slab on grade).
System: Roof System (4)						***Totals:***	***$22,682***	***$42,731***	
7168	Covering (B)	07-11-2018	07-11-2018	2	100%	$11.29	$22,682		Leaks in roof -- Failing roof covering.
System: Finishes (5)						***Totals:***	***$198***	***$21,737***	
7167	Ceilings (B)	07-11-2018	07-11-2018	2	5%	$1.97	$198		Ceiling tiles stained from roof leaks.
System: Specialties (6)						***Totals:***	***$2,130***	***$2,431***	
7382	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$2,130		Install signage throughout.
System: Electrical System (9)						***Totals:***	***$1,682***	***$27,724***	
7166	Lighting (B)	07-11-2018	07-11-2018	5	15%	$5.58	$1,682		Upgrade to LED lighting for energy conservation.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/22/2018
Building: FS Equipment Storage | **Gross Area:** 4,961 Sq Ft | **Report Renewal Cost:** $98,239
Building Type/ Age Class: Warehouse/Storage Facilities (8A) | **Cost/Sq Ft:** $166.67 | **Deficiency Ratio:** 11.9%
Const. Date: 1947 | **Replacement Cost:** $825,850

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$29,097***	***$189,014***	
7313	Exterior Walls (A)	08-22-2018	08-22-2018	2	30%	$18.75	$27,906		Envelope is bent, puctured and cracked.
7309	Exterior Windows (B)	08-22-2018	08-22-2018	2	100%	$0.24	$1,191		Replace windows.
System: Roof System (4)						***Totals:***	***$56,010***	***$105,520***	
7406	Covering (B)	08-22-2018	08-22-2018	2	100%	$11.29	$56,010		Monitor roof leaks. Replace.
System: Specialties (6)						***Totals:***	***$5,259***	***$6,003***	
7384	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$5,259		Install signage throughout.
System: HVAC System (7)						***Totals:***	***$3,721***	***$37,208***	
7314	Ventilating (B)	08-22-2018	08-22-2018	2	50%	$1.50	$3,721		Repair vent / EF systems.
System: Electrical System (9)						***Totals:***	***$4,152***	***$68,462***	
7312	Lighting (B)	08-22-2018	08-22-2018	5	15%	$5.58	$4,152		Upgrade lighting to LED throughout.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site:	**MSU-Bozeman Main Campus**	**Area Correction:**	**1.44**	**Last Audit Date:**	**8/22/2018**
Building:	**FS Grounds Fabric Storage**	**Gross Area:**	**2,233 Sq Ft**	**Report Renewal Cost:**	**$2,586**
Building Type/ Age Class:	**Warehouse/Storage Facilities (8C)**	**Cost/Sq Ft:**	**$171.82**	**Deficiency Ratio:**	**0.7%**
Const. Date:	**2008**	**Replacement Cost:**	**$383,696**		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)						***Totals:***	***$219***	***$44,213***	
7291	Covering (B)	08-22-2018	08-22-2018	2	1%	$9.82	$219		Monitor tears in tarp roof canopy.
System: Specialties (6)						***Totals:***	***$2,367***	***$2,814***	
7386	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$2,367		Install building signage.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site:	**MSU-Bozeman Main Campus**	**Area Correction:**	**1.44**	**Last Audit Date:**	**8/22/2018**
Building:	**FS Grounds Greenhouse**	**Gross Area:**	**1,487 Sq Ft**	**Report Renewal Cost:**	**$31,791**
Building Type/ Age Class:	**Warehouse/Storage Facilities (8B)**	**Cost/Sq Ft:**	**$170.18**	**Deficiency Ratio:**	**12.6%**
Const. Date:	**1973**	**Replacement Cost:**	**$253,073**		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$30,085***	***$53,577***	
7436	Exterior Walls (A)	08-22-2018	08-22-2018	2	25%	$18.75	$6,970		Exterior walls damaged and beyond useful life.
7306	Exterior Doors/Hatches (C)	08-22-2018	08-22-2018	2	50%	$2.93	$2,178		Replace south door.
7305	Interior Columns/Beams (D)	08-22-2018	08-22-2018	2	100%	$14.08	$20,937		Rotting wood structure
System: Finishes (5)						***Totals:***	***$130***	***$14,706***	
7307	Interior Wall Systems (A)	08-22-2018	08-22-2018	3	5%	$1.75	$130		Cover exposed insulation.
System: Specialties (6)						***Totals:***	***$1,576***	***$1,859***	
7388	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$1,576		Install building signage.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/22/2018

Building: FS Grounds Shop | **Gross Area:** 2,406 Sq Ft | **Report Renewal Cost:** $68,900

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $368.38 | **Deficiency Ratio:** 7.8%

Const. Date: 1960 | **Replacement Cost:** $887,083

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$747***	***$18,791***	
7293	Footings/Foundation Walls (A)	08-22-2018	08-22-2018	2	5%	$6.21	$747		Monitor foundation cracks.
System: Envelope (2)						***Totals:***	***$22,175***	***$73,696***	
7301	Exterior Walls (A)	08-22-2018	08-22-2018	2	10%	$8.24	$1,983		Exterior walls are showing damage and wear.
7294	Exterior Windows (B)	08-22-2018	08-22-2018	2	75%	$11.19	$20,192		Replace windows with energy efficient windows. Windows are beyond life.
System: Roof System (4)						***Totals:***	***$12,295***	***$26,466***	
7296	Covering (B)	08-22-2018	08-22-2018	2	25%	$5.11	$3,074		Monitor leaks in roof.
7297	Covering (B)	08-22-2018	08-22-2018	2	75%	$5.11	$9,221		Replace roof.
System: Specialties (6)						***Totals:***	***$2,550***	***$50,670***	
7390	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$2,550		Install building signage throughout.
System: HVAC System (7)						***Totals:***	***$3,146***	***$125,834***	
7298	Heating (A)	08-22-2018	08-22-2018	5	5%	$26.15	$3,146		Add programmable thermostate in garage.
System: Plumbing System (8)						***Totals:***	***$23,108***	***$132,763***	
7299	Supply Piping (B)	08-22-2018	08-22-2018	3	10%	$28.29	$6,807		Insulate water piping.
7300	Waste Piping (C)	08-22-2018	08-22-2018	3	50%	$13.55	$16,301		Install plumbing vent for fixtures.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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- [x] *2*
- [x] *3*
- [x] *4*
- [x] *5*
- [x] *6*
- [ ] *7*

Site:	**MSU-Bozeman Main Campus**	**Area Correction:**	**1.44**	**Last Audit Date:**	**8/22/2018**
Building:	**FS Grounds Shop**	**Gross Area:**	**2,406 Sq Ft**	**Report Renewal Cost:**	**$68,900**
Building Type/ Age Class:	**General Classroom/Office (3B)**	**Cost/Sq Ft:**	**$368.38**	**Deficiency Ratio:**	**7.8%**
Const. Date:	**1960**	**Replacement Cost:**	**$887,083**		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)					***Totals:***		***$4,879***	***$123,187***	
7295	Lighting (B)	08-22-2018	08-22-2018	5	15%	$13.52	$4,879		Upgrade lighting to LED throughout.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/22/2018

Building: FS Heat Plant Storage | **Gross Area:** 1,923 Sq Ft | **Report Renewal Cost:** $46,430

Building Type/ Age Class: Warehouse/Storage Facilities (8B) | **Cost/Sq Ft:** $170.18 | **Deficiency Ratio:** 14.2%

Const. Date: 1950 | **Replacement Cost:** $327,446

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$894***	***$20,941***	
7233	Footings/Foundation Walls (A)	08-22-2018	08-22-2018	2	5%	$9.30	$894		Monitor foundation cracks.
System: Envelope (2)						***Totals:***	***$19,841***	***$69,286***	
7438	Exterior Walls (A)	08-22-2018	08-22-2018	2	50%	$18.75	$18,028		Exterior walls damaged and leaking.
7235	Exterior Windows (B)	08-22-2018	08-22-2018	2	75%	$0.28	$404		Replace windows on west structure.
7236	Exterior Doors/Hatches (C)	08-22-2018	08-22-2018	2	25%	$2.93	$1,409		Replace north door on west structure.
System: Roof System (4)						***Totals:***	***$18,884***	***$38,075***	
7234	Covering (B)	08-22-2018	08-22-2018	2	100%	$9.82	$18,884		Replace roof covering. Roof leaks.
System: Finishes (5)						***Totals:***	***$2,524***	***$19,018***	
7335	Interior Wall Systems (A)	08-22-2018	08-22-2018	2	75%	$1.75	$2,524		Wall finishes beyond lifespan.
System: Specialties (6)						***Totals:***	***$2,038***	***$2,404***	
7392	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$2,038		Install building signage.
System: Plumbing System (8)						***Totals:***	***$440***	***$19,518***	
7238	Supply Piping (B)	08-22-2018	08-22-2018	3	10%	$2.29	$440		Insulate water piping.
System: Electrical System (9)						***Totals:***	***$1,809***	***$29,518***	
7232	Lighting (B)	08-22-2018	08-22-2018	5	15%	$6.27	$1,809		Upgrade lighting to LED throughout.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/22/2018

Building: FS Irrigation Storage | **Gross Area:** 280 Sq Ft | **Report Renewal Cost:** $18,894

Building Type/ Age Class: Warehouse/Storage Facilities (8B) | **Cost/Sq Ft:** $170.18 | **Deficiency Ratio:** 39.6%

Const. Date: 1961 | **Replacement Cost:** $47,653

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$2,604***	***$3,049***	
7414	Footings/Foundation Walls (A)	08-22-2018	08-22-2018	2	100%	$9.30	$2,604		Beyond life. Replace.
System: Envelope (2)						***Totals:***	***$6,070***	***$10,088***	
7440	Exterior Walls (A)	08-22-2018	08-22-2018	2	100%	$18.75	$5,250		Exterior walls deteriorating.
7415	Exterior Doors/Hatches (C)	08-22-2018	08-22-2018	2	100%	$2.93	$820		Wooden door showing signs of rotting. Replace.
System: Floor System (3)						***Totals:***	***$5,695***	***$6,373***	
7413	Floor Structure (A)	08-22-2018	08-22-2018	2	100%	$20.34	$5,695		Floor structure rotting. Replace.
System: Roof System (4)						***Totals:***	***$4,063***	***$5,544***	
7411	Structure (A)	08-22-2018	08-22-2018	2	100%	$4.69	$1,313		Replace roof structure.
7410	Covering (B)	08-22-2018	08-22-2018	2	100%	$9.82	$2,750		Replace covering
System: Finishes (5)						***Totals:***	***$165***	***$2,769***	
7412	Wall Finishes (E)	08-22-2018	08-22-2018	2	100%	$0.59	$165		Update all finishes
System: Specialties (6)						***Totals:***	***$297***	***$350***	
7422	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$297		Install signage throughout

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/22/2018

Building: FS Laborers Quonset | **Gross Area:** 2,009 Sq Ft | **Report Renewal Cost:** $40,961

Building Type/ Age Class: Warehouse/Storage Facilities (8A) | **Cost/Sq Ft:** $166.67 | **Deficiency Ratio:** 12.2%

Const. Date: 1946 | **Replacement Cost:** $334,840

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$4,671***	***$25,092***	
7274	Footings/Foundation Walls (A)	08-22-2018	08-22-2018	2	5%	$9.30	$934		Monitor water infiltration through foundation on north side of office.
7277	Footings/Foundation Walls (A)	08-22-2018	08-22-2018	2	20%	$9.30	$3,737		Monitor foundation cracks.
System: Envelope (2)						***Totals:***	***$7,534***	***$76,543***	
7443	Exterior Walls (A)	08-22-2018	08-22-2018	2	20%	$18.75	$7,534		Exterior walls damaged and showing signs of water infiltration.
System: Roof System (4)						***Totals:***	***$22,682***	***$42,731***	
7273	Covering (B)	08-22-2018	08-22-2018	2	100%	$11.29	$22,682		Replace roof. Roof is leaking.
System: Finishes (5)						***Totals:***	***$1,550***	***$21,737***	
7275	Interior Wall Systems (A)	08-22-2018	08-22-2018	3	20%	$1.93	$775		Cover exposed insulation.
7276	Interior Wall Systems (A)	08-22-2018	08-22-2018	2	20%	$1.93	$775		Insulation fallin in back storage area.
System: Specialties (6)						***Totals:***	***$2,130***	***$2,431***	
7281	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$2,130		Install signage throughout.
System: HVAC System (7)						***Totals:***	***$151***	***$15,068***	
7280	Ventilating (B)	08-22-2018	08-22-2018	3	5%	$1.50	$151		Provide combustion air for gas heat.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/22/2018

Building: FS Laborers Quonset | **Gross Area:** 2,009 Sq Ft | **Report Renewal Cost:** $40,961

Building Type/ Age Class: Warehouse/Storage Facilities (8A) | **Cost/Sq Ft:** $166.67 | **Deficiency Ratio:** 12.2%

Const. Date: 1946 | **Replacement Cost:** $334,840

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)					***Totals:***		***$2,243***	***$27,724***	
7278	Lighting (B)	08-22-2018	08-22-2018	5	15%	$5.58	$1,682		Upgrade lighting to LED throughout.
7279	Lighting (B)	08-22-2018	08-22-2018	5	5%	$5.58	$561		Add protective tubing to lights.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/22/2018
Building: FS Mech./Metal Shop | **Gross Area:** 6,767 Sq Ft | **Report Renewal Cost:** $102,350
Building Type/ Age Class: Warehouse/Storage Facilities (8B) | **Cost/Sq Ft:** $170.18 | **Deficiency Ratio:** 9.0%
Const. Date: 1952 | **Replacement Cost:** $1,142,826

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$12,688***	***$243,815***	
7445	Exterior Walls (A)	08-22-2018	08-22-2018	2	10%	$18.75	$12,688		Exterior wall coverings damaged and punctured and rusting in several locations.
System: Roof System (4)						***Totals:***	***$66,452***	***$133,987***	
7418	Covering (B)	08-22-2018	08-22-2018	2	100%	$9.82	$66,452		Monitor roof leaks. Roof needs replacement.
System: Specialties (6)						***Totals:***	***$7,173***	***$8,459***	
7424	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$7,173		Install signage and directories throughout.
System: HVAC System (7)						***Totals:***	***$16,037***	***$101,573***	
7171	Heating (A)	07-11-2018	07-11-2018	4	10%	$7.50	$5,075		There is no heating in room 103. Current occupant uses space heater.
7170	Ventilating (B)	07-11-2018	07-11-2018	4	25%	$6.00	$10,150		Metal shop (room 131) has no ventilation.
7172	Ventilating (B)	07-11-2018	07-11-2018	4	2%	$6.00	$812		Ventilation throughout building should be evaluated.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/22/2018

Building: FS Meeting Quonset | **Gross Area:** 971 Sq Ft | **Report Renewal Cost:** $17,628

Building Type/ Age Class: Warehouse/Storage Facilities (8A) | **Cost/Sq Ft:** $166.67 | **Deficiency Ratio:** 10.9%

Const. Date: 1946 | **Replacement Cost:** $161,837

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$452***	***$12,128***	
7283	Footings/Foundation Walls (A)	08-22-2018	08-22-2018	2	5%	$9.30	$452		Monitor foundation cracks.
System: Envelope (2)						***Totals:***	***$3,641***	***$36,995***	
7447	Exterior Walls (A)	08-22-2018	08-22-2018	2	20%	$18.75	$3,641		Exterior walls showing signs of damage and water infliltration.
System: Roof System (4)						***Totals:***	***$10,963***	***$20,653***	
7287	Covering (B)	08-22-2018	08-22-2018	2	100%	$11.29	$10,963		Monitor leaks in roof. Roof needs replacement.
System: Finishes (5)						***Totals:***	***$730***	***$10,506***	
7289	Interior Wall Systems (A)	08-22-2018	08-22-2018	2	5%	$1.93	$94		Monitor cracks in drywall.
7288	Ceilings (B)	08-22-2018	08-22-2018	2	25%	$1.97	$478		Replace ceiling tiles as needed.
7286	Wall Finishes (E)	08-22-2018	08-22-2018	2	25%	$0.65	$158		Repaint walls.
System: Specialties (6)						***Totals:***	***$1,029***	***$1,175***	
7285	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$1,029		Install signage throughout.
System: Electrical System (9)						***Totals:***	***$813***	***$13,400***	
7284	Lighting (B)	08-22-2018	08-22-2018	5	15%	$5.58	$813		Upgrade lighting to LED.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/22/2018

Building: FS Paint Booth / Shop | **Gross Area:** 2,399 Sq Ft | **Report Renewal Cost:** $129,466

Building Type/ Age Class: Warehouse/Storage Facilities (8A) | **Cost/Sq Ft:** $166.67 | **Deficiency Ratio:** 32.4%

Const. Date: 1947 | **Replacement Cost:** $399,841

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$49,072***	***$91,402***	
7449	Exterior Walls (A)	08-22-2018	08-22-2018	2	100%	$18.75	$44,981		Exterior walls damaged, and beyond useful life.
7177	Exterior Windows (B)	07-11-2018	07-11-2018	2	100%	$0.24	$576		Exterior windows, cracked panes and beyond lifespan.
7175	Exterior Doors/Hatches (C)	07-11-2018	07-11-2018	2	50%	$2.93	$3,515		Replace front egress doors with weathertight door with window.
System: Floor System (3)						***Totals:***	***$9,759***	***$54,601***	
7176	Floor Structure (A)	07-11-2018	07-11-2018	2	20%	$20.34	$9,759		Cracks in concrete floor throughout building.
System: Roof System (4)						***Totals:***	***$38,336***	***$51,027***	
7179	Structure (A)	07-11-2018	07-11-2018	2	100%	$4.69	$11,251		Roof structure beyond lifespan - replace.
7420	Covering (B)	08-22-2018	08-22-2018	2	100%	$11.29	$27,085		Replace roof covering. Roof leaks.
System: Finishes (5)						***Totals:***	***$25,688***	***$25,957***	
7180	Interior Wall Systems (A)	07-11-2018	07-11-2018	2	100%	$1.93	$4,630		Wall finishes beyond lifespan.
7181	Ceilings (B)	07-11-2018	07-11-2018	2	100%	$1.97	$4,726		Ceiling finishes beyond lifespan.
7182	Interior Doors/Hardware/Windows (	07-11-2018	07-11-2018	2	80%	$0.61	$1,171		Interior doors, hardware and window finishes beyond lifespan.
7183	Floor Finishes (D)	07-11-2018	07-11-2018	2	100%	$5.67	$13,602		Floor finishes beyond lifespan.
7184	Wall Finishes (E)	07-11-2018	07-11-2018	2	100%	$0.65	$1,559		Wall finishes beyond life span.
System: Specialties (6)						***Totals:***	***$2,543***	***$2,903***	
7333	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$2,543		Install building signage throughout.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site:	**MSU-Bozeman Main Campus**	**Area Correction:**	**1.44**	**Last Audit Date:**	**8/22/2018**
Building:	**FS Paint Booth / Shop**	**Gross Area:**	**2,399 Sq Ft**	**Report Renewal Cost:**	**$129,466**
Building Type/ Age Class:	**Warehouse/Storage Facilities (8A)**	**Cost/Sq Ft:**	**$166.67**	**Deficiency Ratio:**	**32.4%**
Const. Date:	**1947**	**Replacement Cost:**	**$399,841**		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)					***Totals:***		***$2,811***	***$33,106***	
7174	Lighting (B)	07-11-2018	07-11-2018	5	1%	$5.58	$134		Replace explosion proof fixtures with LED's.
7178	Lighting (B)	07-11-2018	07-11-2018	3	20%	$5.58	$2,677		Exposed bulbs in lighting fixtures - needs guards.
System: Safety System (11)					***Totals:***		***$1,257***	***$53,258***	
7185	Extinguishing System (B)	07-11-2018	07-11-2018	3	5%	$10.48	$1,257		Investigate need for extinguishing system due to storage of flammable materials.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/22/2018

Building: FS Plumbers Quonset | **Gross Area:** 2,009 Sq Ft | **Report Renewal Cost:** $42,278

Building Type/ Age Class: Warehouse/Storage Facilities (8A) | **Cost/Sq Ft:** $166.67 | **Deficiency Ratio:** 12.6%

Const. Date: 1946 | **Replacement Cost:** $334,840

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$934***	***$25,092***	
7261	Footings/Foundation Walls (A)	08-22-2018	08-22-2018	2	5%	$9.30	$934		Monitor foundation cracks.
System: Envelope (2)						***Totals:***	***$7,534***	***$76,543***	
7451	Exterior Walls (A)	08-22-2018	08-22-2018	2	20%	$18.75	$7,534		Exterior walls damaged and showing signs of water infiltration.
System: Roof System (4)						***Totals:***	***$22,682***	***$42,731***	
7265	Covering (B)	08-22-2018	08-22-2018	2	100%	$11.29	$22,682		Repalce/Patch roof. Roof is leaking.
System: Finishes (5)						***Totals:***	***$388***	***$21,737***	
7263	Interior Wall Systems (A)	08-22-2018	08-22-2018	3	10%	$1.93	$388		Cover exposed insulation.
System: Specialties (6)						***Totals:***	***$2,130***	***$2,431***	
7270	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$2,130		Install signage throughout.
System: Plumbing System (8)						***Totals:***	***$6,367***	***$18,021***	
7264	Supply Piping (B)	08-22-2018	08-22-2018	3	5%	$2.06	$207		Install eyewash and safety shower.
7269	Supply Piping (B)	08-22-2018	08-22-2018	2	10%	$2.06	$414		Insulate water piping.
7268	Waste Piping (C)	08-22-2018	08-22-2018	3	50%	$5.72	$5,746		Add vent to sink waste.
System: Electrical System (9)						***Totals:***	***$2,243***	***$27,724***	
7262	Lighting (B)	08-22-2018	08-22-2018	3	5%	$5.58	$561		Install protective tubing on lights.
7266	Lighting (B)	08-22-2018	08-22-2018	5	15%	$5.58	$1,682		Upgrade lighting to LED throughout.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site:	**MSU-Bozeman Main Campus**	**Area Correction:**	**1.44**	**Last Audit Date:**	**8/22/2018**
Building:	**FS Polyhouse Quonset**	**Gross Area:**	**1,489 Sq Ft**	**Report Renewal Cost:**	**$5,253**
Building Type/ Age Class:	**Warehouse/Storage Facilities (8C)**	**Cost/Sq Ft:**	**$171.82**	**Deficiency Ratio:**	**2.1%**
Const. Date:	**1984**	**Replacement Cost:**	**$255,511**		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$3,228***	***$53,649***	
7453	Exterior Walls (A)	08-22-2018	08-22-2018	2	10%	$18.75	$2,792		Exterior walls (also roof covering) showing signs of water infiltration.
7316	Exterior Doors/Hatches (C)	08-22-2018	08-22-2018	2	10%	$2.93	$436		Replace garage door.
System: Specialties (6)						***Totals:***	***$1,578***	***$1,876***	
7426	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$1,578		Install signage throughout.
System: HVAC System (7)						***Totals:***	***$447***	***$22,350***	
7317	Ventilating (B)	08-22-2018	08-22-2018	2	5%	$6.00	$447		Holes in plastic ventilation ducts.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/22/2018

Building: FS Refrigeration Quonset | **Gross Area:** 1,840 Sq Ft | **Report Renewal Cost:** $42,668

Building Type/ Age Class: Warehouse/Storage Facilities (8A) | **Cost/Sq Ft:** $166.67 | **Deficiency Ratio:** 12.7%

Const. Date: 1946 | **Replacement Cost:** $334,840

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$1,711***	***$22,982***	
7243	Footings/Foundation Walls (A)	08-22-2018	08-22-2018	2	10%	$9.30	$1,711		Montitor foundation cracks and leaks
System: Envelope (2)						***Totals:***	***$7,170***	***$70,104***	
7455	Exterior Walls (A)	08-22-2018	08-22-2018	2	20%	$18.75	$6,900		Exterior walls damaged and showing signs of water infiltration.
7246	Exterior Doors/Hatches (C)	08-22-2018	08-22-2018	2	5%	$2.93	$270		Monitor water infiltration at west garage door.
System: Roof System (4)						***Totals:***	***$20,774***	***$39,137***	
7245	Covering (B)	08-22-2018	08-22-2018	2	100%	$11.29	$20,774		Roof leaks and is beyond viable lifespan.
System: Finishes (5)						***Totals:***	***$3,179***	***$19,909***	
7242	Interior Wall Systems (A)	08-22-2018	08-22-2018	3	10%	$1.93	$355		Cover exposed insulation.
7343	Ceilings (B)	08-22-2018	08-22-2018	2	20%	$1.97	$725		Install/Repair ceiling finishes
7341	Floor Finishes (D)	08-22-2018	08-22-2018	2	20%	$5.67	$2,087		Floor finishes beyond viable life
7339	Wall Finishes (E)	08-22-2018	08-22-2018	2	1%	$0.65	$12		Repaint walls as needed.
System: Specialties (6)						***Totals:***	***$1,950***	***$2,226***	
7248	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$1,950		Install signage throughout.
System: Plumbing System (8)						***Totals:***	***$5,831***	***$16,505***	
7240	Supply Piping (B)	08-22-2018	08-22-2018	1	5%	$2.06	$190		Add eye wash and safety shower station.
7249	Supply Piping (B)	08-22-2018	08-22-2018	3	10%	$2.06	$379		Insulate water piping.
7250	Waste Piping (C)	08-22-2018	08-22-2018	3	50%	$5.72	$5,262		Add vent to sink waste.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
- [x] *1*
- [x] *2*
- [x] *3*
- [x] *4*
- [x] *5*
- [x] *6*
- [ ] *7*

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/22/2018

Building: FS Refrigeration Quonset | **Gross Area:** 1,840 Sq Ft | **Report Renewal Cost:** $42,668

Building Type/ Age Class: Warehouse/Storage Facilities (8A) | **Cost/Sq Ft:** $166.67 | **Deficiency Ratio:** 12.7%

Const. Date: 1946 | **Replacement Cost:** $334,840

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)					***Totals:***		***$2,053***	***$25,392***	
7241	Lighting (B)	08-22-2018	08-22-2018	5	15%	$5.58	$1,540		Upgrade lighting to LED throughout.
7244	Lighting (B)	08-22-2018	08-22-2018	3	5%	$5.58	$513		Install protective tubing on lights.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/22/2018

Building: FS Storage Quonset | **Gross Area:** 974 Sq Ft | **Report Renewal Cost:** $60,470

Building Type/ Age Class: Warehouse/Storage Facilities (8B) | **Cost/Sq Ft:** $170.18 | **Deficiency Ratio:** 36.6%

Const. Date: 1951 | **Replacement Cost:** $165,425

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$9,058***	***$10,607***	
7322	Footings/Foundation Walls (A)	08-22-2018	08-22-2018	2	100%	$9.30	$9,058		Foundation is inadequate to support structure: rotting and water infiltration.
System: Envelope (2)						***Totals:***	***$21,389***	***$35,093***	
7323	Exterior Walls (A)	08-22-2018	08-22-2018	2	100%	$18.75	$18,262		Wood exterior is rotting and past viable lifespan.
7324	Exterior Windows (B)	08-22-2018	08-22-2018	2	100%	$0.28	$273		Windows are rotting/broken and past useful lifespan.
7325	Exterior Doors/Hatches (C)	08-22-2018	08-22-2018	2	100%	$2.93	$2,854		Exterior doors are rotting and past viable life.
System: Floor System (3)						***Totals:***	***$14,858***	***$22,168***	
7326	Floor Structure (A)	08-22-2018	08-22-2018	2	75%	$20.34	$14,858		Flooring is past useful life.
System: Roof System (4)						***Totals:***	***$14,133***	***$19,285***	
7327	Structure (A)	08-22-2018	08-22-2018	2	100%	$4.69	$4,568		Replace roof. Metal roofing is failing and leaks.
7328	Covering (B)	08-22-2018	08-22-2018	2	100%	$9.82	$9,565		Roof covering is past its viable lifespan.
System: Specialties (6)						***Totals:***	***$1,032***	***$1,218***	
7394	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$1,032		Install building signage.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site:	**MSU-Bozeman Main Campus**	**Area Correction:**	**1.44**	**Last Audit Date:**	**8/22/2018**
Building:	**FS Work Control Module**	**Gross Area:**	**2,408 Sq Ft**	**Report Renewal Cost:**	**$31,491**
Building Type/ Age Class:	**General Classroom/Office (3C)**	**Cost/Sq Ft:**	**$373.87**	**Deficiency Ratio:**	**3.5%**
Const. Date:	**2003**	**Replacement Cost:**	**$901,051**		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$25,322***	***$176,410***	
7159	Interior Wall Systems (A)	07-11-2018	07-11-2018	2	10%	$20.08	$4,835		Modular building walls are showing wear and tear.
7161	Ceilings (B)	07-11-2018	07-11-2018	2	5%	$17.76	$2,138		Ceiling tiles are damaged or stained.
7158	Floor Finishes (D)	07-11-2018	07-11-2018	2	75%	$10.16	$18,349		Flooring needs replacement through building (tile).
System: Specialties (6)						***Totals:***	***$2,552***	***$51,098***	
7396	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$2,552		Install building signage throughout.
System: Electrical System (9)						***Totals:***	***$3,617***	***$134,415***	
7162	Lighting (B)	07-11-2018	07-11-2018	5	10%	$15.02	$3,617		Replace existing fluorescent lamps in fixtures with LED's.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 8/11/2021

Building: Gaines Hall | **Gross Area:** 96,868 Sq Ft | **Report Renewal Cost:** $1,319,378

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $285.32 | **Deficiency Ratio:** 4.6%

Const. Date: 2009 | **Replacement Cost:** $28,870,291

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$7,604***	***$760,414***	
8642	Footings/Foundation Walls (A)	08-11-2021	08-11-2021	2	1%	$6.79	$6,577		Foundation leaks at NE corner of building. Water damage to room 29A & 29CU.
8643	Exterior Steps/Retaining Walls (B)	08-11-2021	08-11-2021	2	1%	$1.06	$1,027		Monitor concrete spalling at west exterior stairs.
System: Envelope (2)						***Totals:***	***$3,642***	***$2,715,210***	
8631	Exterior Doors/Hatches (C)	08-11-2021	08-11-2021	3	1%	$3.76	$3,642		Electrical and piping blocking pent house trap door.
System: Floor System (3)						***Totals:***	***$10,258***	***$1,590,573***	
5667	Floor Structure (A)	02-11-2015	02-11-2015	2	1%	$10.59	$10,258		Monitor joint crack on the South side of basement.
System: Roof System (4)						***Totals:***	***$316,758***	***$1,294,156***	
8635	Covering (B)	08-11-2021	08-11-2021	2	50%	$6.54	$316,758		Roof EUL 25 years: White epdm, original to facility (2010). Beginning to bubble in some areas.
System: Finishes (5)						***Totals:***	***$91,966***	***$5,421,702***	
8636	Ceilings (B)	08-11-2021	08-11-2021	2	1%	$11.84	$11,469		Replace ceiling tile as needed.
8637	Floor Finishes (D)	08-11-2021	08-11-2021	2	1%	$10.09	$9,774		Replace floor finishes as needed.
5668	Wall Finishes (E)	02-11-2015	02-14-2018	2	1%	$10.43	$10,103		Overlay wall panels adjacent to drinking fountain. (Water is splattering and quickly ruining the finish.)
5669	Wall Finishes (E)	02-11-2015	08-11-2021	2	5%	$10.43	$50,517		Patch and paint walls as needed.
7059	Wall Finishes (E)	02-14-2018	02-14-2018	2	1%	$10.43	$10,103		Refinish base trim throughout as needed.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 8/11/2021

Building: Gaines Hall | **Gross Area:** 96,868 Sq Ft | **Report Renewal Cost:** $1,319,378

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $285.32 | **Deficiency Ratio:** 4.6%

Const. Date: 2009 | **Replacement Cost:** $28,870,291

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$5,473***	***$1,966,420***	
5671	Fixed Seating/Risers (C)	02-11-2015	08-11-2021	2	5%	$1.13	$5,473		Overlay lobby in-wall benches on 1st, 2nd, and 3rd floors.
System: HVAC System (7)						***Totals:***	***$244,252***	***$3,703,264***	
8640	Heating (A)	08-11-2021	08-11-2021	2	5%	$17.43	$84,420		Replace phoenix computer with current version. Not communication with DDC or Aircuity.
8641	Heating (A)	08-11-2021	08-11-2021	2	5%	$17.43	$84,420		Replace piping and install valves. HW flex piping at corridors leak. Add isolation valves and fix leaks.
8639	Ventilating (B)	08-11-2021	08-11-2021	4	5%	$15.57	$75,412		Install sound actuators in rooms with lab controls.
System: Plumbing System (8)						***Totals:***	***$557,378***	***$6,149,181***	
8633	Fixtures (A)	08-11-2021	08-11-2021	2	12%	$13.71	$159,367		Supply EUL. Good condition, no current signs of failure.
8634	Supply Piping (B)	08-11-2021	08-11-2021	2	12%	$34.24	$398,011		Waste EUL. Good condition, no current signs of failure.
System: Electrical System (9)						***Totals:***	***$82,047***	***$2,495,320***	
8629	Lighting (B)	02-14-2018	08-11-2021	5	10%	$8.47	$82,047		Upgrade to LED lighting throughout.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 5/31/2017

Building: Graf Street Residence | **Gross Area:** 7,325 Sq Ft | **Report Renewal Cost:** $28,336

Building Type/ Age Class: House, Single Family (31B) | **Cost/Sq Ft:** $157.06 | **Deficiency Ratio:** 2.5%

Const. Date: 1974 | **Replacement Cost:** $1,150,464

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$790***	***$39,482***	
6484	Footings/Foundation Walls (A)	05-31-2017	05-31-2017	2	2%	$4.57	$670		Need to repaint foundation walls
6485	Exterior Steps/Retaining Walls (B)	05-31-2017	05-31-2017	2	2%	$0.82	$120		Monitor exterior stone steps
System: Envelope (2)						***Totals:***	***$6,058***	***$144,962***	
6486	Exterior Walls (A)	05-31-2017	05-31-2017	2	5%	$13.77	$5,043		Monitor exteriaor walls & cracks
6487	Exterior Windows (B)	05-31-2017	05-31-2017	2	5%	$2.77	$1,015		Monitor failing seals
System: Floor System (3)						***Totals:***	***$527***	***$157,634***	
6488	Stair Treads/Risers (B)	05-31-2017	05-31-2017	2	2%	$3.60	$527		Refinish stair treds
System: Finishes (5)						***Totals:***	***$18,891***	***$219,897***	
6490	Ceilings (B)	05-31-2017	05-31-2017	2	1%	$4.58	$335		Monitor stain from beam in garage
6491	Interior Doors/Hardware/Windows (	05-31-2017	05-31-2017	2	5%	$8.51	$3,117		Refinish window cill
6492	Interior Doors/Hardware/Windows (	05-31-2017	05-31-2017	2	1%	$8.51	$623		Monitor window hardware
6493	Floor Finishes (D)	05-31-2017	05-31-2017	2	25%	$6.64	$12,160		Refinish hardwood floors
6495	Floor Finishes (D)	05-31-2017	05-31-2017	2	5%	$6.64	$2,432		Replace flooring in laundry (mud) room
6489	Wall Finishes (E)	05-31-2017	05-31-2017	2	1%	$3.06	$224		Refinish wooden panels (scuffs)
System: Specialties (6)						***Totals:***	***$1,348***	***$39,335***	
6496	Chalk/Tack/Whiteboards/Cabinets (	05-31-2017	05-31-2017	2	5%	$3.68	$1,348		Replace cabinets (kitchen)

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 5/31/2017

Building: Graf Street Residence | **Gross Area:** 7,325 Sq Ft | **Report Renewal Cost:** $28,336

Building Type/ Age Class: House, Single Family (31B) | **Cost/Sq Ft:** $157.06 | **Deficiency Ratio:** 2.5%

Const. Date: 1974 | **Replacement Cost:** $1,150,464

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)					***Totals:***		***$722***	***$157,121***	
6497	Heating (A)	05-31-2017	05-31-2017	5	1%	$9.86	$722		Add programmable thermostat

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.16 | **Last Audit Date:** 3/11/2021

Building: Hamilton Hall | **Gross Area:** 28,012 Sq Ft | **Report Renewal Cost:** $1,791,776

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $280.67 | **Deficiency Ratio:** 22.8%

Const. Date: 1910 | **Replacement Cost:** $7,862,689

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$19,037***	***$212,331***	
6499	Footings/Foundation Walls (A)	06-14-2017	06-14-2017	2	10%	$5.01	$14,034		Foundation wall carumbling under window lintels/sills
8405	Footings/Foundation Walls (A)	03-10-2021	03-10-2021	2	1%	$5.01	$1,403		Monitor foundation spalling at East Entrance door.
6500	Exterior Steps/Retaining Walls (B)	06-14-2017	06-14-2017	2	5%	$2.57	$3,600		Spalling on stairs on North side of building
System: Envelope (2)						***Totals:***	***$73,447***	***$685,174***	
5493	Interior Columns/Beams (D)	05-12-1993	06-11-2014	2	30%	$8.74	$73,447		Repair / replace interior structural elements on 3rd and 4th floors.
System: Floor System (3)						***Totals:***	***$423,541***	***$847,083***	
380	Floor Structure (A)	05-12-1993	06-14-2017	2	50%	$23.20	$324,939		Repair/replace floor structure on 3rd, 4th, and attic floors.
8406	Stair Treads/Risers (B)	03-10-2021	03-10-2021	2	50%	$7.04	$98,602		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.
System: Finishes (5)						***Totals:***	***$712,038***	***$1,785,485***	
6503	Interior Wall Systems (A)	06-14-2017	06-14-2017	2	1%	$17.80	$4,986		Cracking or dented sheetrock/ painted surfaces
6506	Ceilings (B)	06-14-2017	03-11-2021	2	50%	$15.74	$220,454		Replace damaged dropped ceiling tiles on 3rd and 4th floors.
1992	Interior Doors/Hardware/Windows (	05-11-2005	03-11-2021	2	50%	$11.78	$164,991		Replace/repair door hardware and doors on 3rd and 4th floors.
387	Floor Finishes (D)	05-08-2002	03-11-2021	2	50%	$9.00	$126,054		Replace floor coverings on 3rd and 4th floors as needed.
8408	Floor Finishes (D)	03-10-2021	03-10-2021	2	20%	$9.00	$50,422		Replace floor covering as needed on 1st and 2nd floors.
383	Wall Finishes (E)	05-08-2002	06-08-2011	2	50%	$9.42	$131,937		Patch and paint 3rd and 4th floors.
8407	Wall Finishes (E)	03-10-2021	03-10-2021	2	5%	$9.42	$13,194		Patch and paint wall finishes as needed on 1st and 2nd floors.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.16 | **Last Audit Date:** 3/11/2021

Building: Hamilton Hall | **Gross Area:** 28,012 Sq Ft | **Report Renewal Cost:** $1,791,776

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $280.67 | **Deficiency Ratio:** 22.8%

Const. Date: 1910 | **Replacement Cost:** $7,862,689

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$200,777***	***$456,596***	
8409	Toilet Partitions (A)	03-10-2021	03-10-2021	2	50%	$1.98	$27,732		Replace toilet partitions on upper levels.
1993	Signage/Directories (B)	05-11-2005	06-14-2017	3	5%	$0.85	$1,191		Provide building directories on 3rd and 4th floors.
8410	Chalk/Tack/Whiteboards/Cabinets (	03-10-2021	03-10-2021	2	50%	$12.27	$171,854		Replace all chalk/tack/whiteboard/cabinets on upper levels.
System: HVAC System (7)						***Totals:***	***$4,426***	***$811,228***	
3566	Ventilating (B)	05-14-2008	03-11-2021	2	10%	$1.58	$4,426		Provide ventilation/cooling in mechanical room. (1st floor, west side)
System: Plumbing System (8)						***Totals:***	***$159,528***	***$1,087,426***	
1994	Fixtures (A)	05-11-2005	03-11-2021	2	50%	$8.49	$118,911		Replace fixtures on 3rd & 4th floors.
6510	Fixtures (A)	06-14-2017	06-14-2017	5	5%	$8.49	$11,891		Install wall water efficient fixtures throughout entire building.
3567	Supply Piping (B)	05-14-2008	06-08-2011	2	5%	$20.51	$28,726		Replace galvanized supply piping.
System: Electrical System (9)						***Totals:***	***$90,380***	***$1,051,290***	
8401	Lighting (B)	03-11-2021	03-11-2021	5	15%	$9.68	$40,673		Upgrade lighting to LED and replace light fixtures
8403	Distribution (C)	03-11-2021	03-11-2021	2	15%	$11.83	$49,707		Upgrade secondary distribution system throughout building. (knob & tube) 3rd and 4th floors remain.
System: Safety System (11)						***Totals:***	***$108,602***	***$450,433***	
1996	Egress (A)	05-11-2005	03-11-2021	3	50%	$3.86	$54,063		Provide enclosed stairs for upper levels.
1995	Extinguishing System (B)	05-11-2005	03-11-2021	3	30%	$6.49	$54,539		Sprinkle 3rd and 4th floors.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.16 | **Last Audit Date:** 1/26/2022

Building: Harrison Hall | **Gross Area:** 26,643 Sq Ft | **Report Renewal Cost:** $468,044

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $296.75 | **Deficiency Ratio:** 5.8%

Const. Date: 1955 | **Replacement Cost:** $8,106,913

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$1,718***	***$167,584***	
8761	Exterior Steps/Retaining Walls (B)	01-26-2022	01-26-2022	2	5%	$1.29	$1,718		Investigate upgrades to loading docks to improve safety and repair spalling concrete.
System: Envelope (2)						***Totals:***	***$72,096***	***$657,549***	
8763	Exterior Windows (B)	01-26-2022	01-26-2022	2	30%	$9.02	$72,096		Replace North windows.
System: Floor System (3)						***Totals:***	***$1,876***	***$805,684***	
8771	Stair Treads/Risers (B)	01-26-2022	01-26-2022	2	1%	$7.04	$1,876		Repair worn-out stair nosing leading to basement.
System: Roof System (4)						***Totals:***	***$99,647***	***$236,057***	
8764	Covering (B)	01-26-2022	01-26-2022	2	90%	$4.11	$98,552		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.
8778	Covering (B)	01-26-2022	01-26-2022	2	1%	$4.11	$1,095		Replace existing roof hatches.
System: Finishes (5)						***Totals:***	***$19,172***	***$1,572,470***	
8767	Ceilings (B)	01-26-2022	01-26-2022	2	1%	$14.31	$3,813		Refinish ceiling as needed.
8768	Floor Finishes (D)	01-26-2022	01-26-2022	2	1%	$8.18	$2,179		Refinish floors as needed.
8769	Floor Finishes (D)	01-26-2022	01-26-2022	2	5%	$8.18	$10,897		Repair and seal original tile flooring in ROTC area.
8770	Wall Finishes (E)	01-26-2022	01-26-2022	2	1%	$8.57	$2,283		Repaint walls as needed.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus | **Area Correction:** 1.16 | **Last Audit Date:** 1/26/2022
Building: Harrison Hall | **Gross Area:** 26,643 Sq Ft | **Report Renewal Cost:** $468,044
Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $296.75 | **Deficiency Ratio:** 5.8%
Const. Date: 1955 | **Replacement Cost:** $8,106,913

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$57,282***	***$1,184,281***	
8774	Fixtures (A)	01-26-2022	01-26-2022	2	20%	$10.75	$57,282		Replace hot water storage tanks.
System: Electrical System (9)						***Totals:***	***$216,253***	***$1,099,024***	
8775	Building Service (A)	01-26-2022	01-26-2022	2	70%	$7.79	$145,284		Replace service feeder.
8776	Building Service (A)	01-26-2022	01-26-2022	2	30%	$7.79	$62,265		Replace switch gear - old, out of date, and beyond expected useful life (1985). MSU can no longer get parts.
8762	Lighting (B)	01-26-2022	01-26-2022	5	1%	$10.89	$2,901		Investigate upgrades to dorm lighting.
8777	Lighting (B)	01-26-2022	01-26-2022	5	2%	$10.89	$5,803		Upgrade lighting to LED as needed.

Montana State University - Facilities Condition Inventory
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Site: MSU-Bozeman Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 10/13/2021
Building: Haynes Hall | **Gross Area:** 44,225 Sq Ft | **Report Renewal Cost:** $1,795,451
Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $266.05 | **Deficiency Ratio:** 15.1%
Const. Date: 1974 | **Replacement Cost:** $11,866,276

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$359,969***	***$978,257***	
3451	Exterior Walls (A)	03-08-2006	03-08-2006	2	1%	$5.95	$2,631		REPAIR CRACKED/SPALLING CONCRETE @ NW CORNER.
968	Exterior Windows (B)	03-12-2003	10-13-2021	2	100%	$8.08	$357,338		REPLACE WORN-OUT WINDOWS.
System: Floor System (3)						***Totals:***	***$9,199***	***$1,198,940***	
4677	Floor Structure (A)	04-11-2012	10-13-2021	2	1%	$20.80	$9,199		Monitor tunnel ceiling damage. (ceiling is concrete floor of 1st floor).
System: Roof System (4)						***Totals:***	***$188,399***	***$351,589***	
8662	Covering (B)	10-13-2021	10-13-2021	2	75%	$3.69	$122,393		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).
8663	Insulation (C)	10-13-2021	10-13-2021	2	75%	$1.99	$66,006		Replace insulation with next roof replacement. Last replaced in 2005 (05-0095).
System: Finishes (5)						***Totals:***	***$120,225***	***$2,339,945***	
7022	Interior Doors/Hardware/Windows (	12-13-2017	10-13-2021	2	15%	$10.56	$70,052		Upgrade doors/hardware throughout.
7023	Floor Finishes (D)	12-13-2017	12-13-2017	2	5%	$7.33	$16,208		Replace/Install carpet throughout. (Printing area, offices, classrooms, etc.)
8658	Wall Finishes (E)	12-13-2017	10-13-2021	2	10%	$7.68	$33,965		Paint interior walls as needed. Lab areas needed most.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 10/13/2021

Building: Haynes Hall | **Gross Area:** 44,225 Sq Ft | **Report Renewal Cost:** $1,795,451

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $266.05 | **Deficiency Ratio:** 15.1%

Const. Date: 1974 | **Replacement Cost:** $11,866,276

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$145,943***	***$672,662***	
7020	Chalk/Tack/Whiteboards/Cabinets (	12-13-2017	12-13-2017	2	10%	$11.00	$48,648		Replace countertops throughout (Rms 233, 227,228,212,107,131,135,216,219,249,247, Kitchen)
8665	Chalk/Tack/Whiteboards/Cabinets (	10-13-2021	10-13-2021	2	20%	$11.00	$97,295		Replace lockers.
System: HVAC System (7)						***Totals:***	***$304,955***	***$1,670,378***	
5727	Heating (A)	04-08-2015	04-08-2015	2	10%	$18.88	$83,497		Replace HVAC controls.
3453	Ventilating (B)	03-08-2006	04-08-2015	2	15%	$5.67	$37,613		Replace HVAC Controls.
3739	Ventilating (B)	03-11-2009	12-13-2017	2	10%	$5.67	$25,076		Replace exhaust system in clay mixing room.
7024	Ventilating (B)	12-13-2017	12-13-2017	2	10%	$5.67	$25,076		Improve exhaust systems in Sculpture Room 107.
7025	Ventilating (B)	12-13-2017	12-13-2017	2	10%	$5.67	$25,076		Improve exhaust systems in Painting Room 227.
7028	Ventilating (B)	12-13-2017	12-13-2017	2	10%	$5.67	$25,076		Improve exhasut system in Printing Room 108.
7029	Ventilating (B)	12-13-2017	12-13-2017	2	10%	$5.67	$25,076		Improve exhaust system in Ceramics Room 135.
8666	Cooling (C)	10-13-2021	10-13-2021	4	10%	$13.22	$58,465		Add cooling to main office.
System: Plumbing System (8)						***Totals:***	***$328,370***	***$1,762,366***	
7033	Fixtures (A)	12-13-2017	10-13-2021	2	5%	$9.64	$21,316		Replace damaged & obsolete studio sinks as needed. Mixing room needs replacement the most.
8667	Fixtures (A)	10-13-2021	10-13-2021	3	25%	$9.64	$106,582		Add emergency eyewashes.
5730	Supply Piping (B)	04-08-2015	04-08-2015	2	15%	$20.43	$135,528		Supply piping is beyond life and there is evidence of wear and leaks.
5731	Waste Piping (C)	04-08-2015	10-13-2021	2	15%	$9.79	$64,944		Waste piping is beyond EUL.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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Site: MSU-Bozeman Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 10/13/2021

Building: Haynes Hall | **Gross Area:** 44,225 Sq Ft | **Report Renewal Cost:** $1,795,451

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $266.05 | **Deficiency Ratio:** 15.1%

Const. Date: 1974 | **Replacement Cost:** $11,866,276

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$69,061***	***$1,635,441***	
7031	Lighting (B)	12-13-2017	12-13-2017	2	1%	$9.76	$4,316		Upgrade obsolete track lighting in gallaries and studios
8660	Lighting (B)	12-13-2017	10-13-2021	5	15%	$9.76	$64,745		Upgrade to LED lighting throughout.
System: Conveying (10)						***Totals:***	***$269,330***	***$269,330***	
8664	Elevator/Lift (A)	10-13-2021	10-13-2021	2	100%	$6.09	$269,330		Replace elevator. Malfunctions frequently.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Heating Plant
Building Type/ Age Class: Central Heating Facilities (7A)
Const. Date: 1923

Area Correction: 1.21
Gross Area: 11,113 Sq Ft
Cost/Sq Ft: $171.31
Replacement Cost: $1,903,879

Last Audit Date: 12/9/2020
Report Renewal Cost: $121,866
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:***	***$11,809***	***$469,969***	
397	Exterior Walls (A)	01-10-1995	10-08-2014	2	3%	$24.92	$8,308		Misc. pointing of walls.
398	Exterior Windows (B)	09-10-2003	10-11-2017	6	75%	$0.42	$3,501		Repaint window frames on west, east & south side.
System: Roof System (4)						***Totals:***	***$2,109***	***$198,700***	
4617	Covering (B)	10-12-2011	10-11-2017	2	2%	$9.49	$2,109		Replace concrete elevator roof.
System: Finishes (5)						***Totals:***	***$1,267***	***$106,574***	
4248	Wall Finishes (E)	09-09-2009	10-11-2017	2	20%	$0.57	$1,267		Paint as required.
System: HVAC System (7)						***Totals:***	***$739***	***$59,121***	
8377	Heating (A)	12-09-2020	12-09-2020	3	1%	$3.99	$443		Investigate loss prevention recommendations for boiler separation.
5579	Ventilating (B)	10-08-2014	10-08-2014	5	2%	$0.00	$0		Add controls to exhaust fans in boiler room (rm 101).
8347	Ventilating (B)	12-09-2020	12-09-2020	5	2%	$0.00	$0		Investigate upgrades to provide outside air to air compressors.
6984	Cooling (C)	10-11-2017	10-11-2017	4	2%	$1.33	$296		Vent flash steam in basement to outside.
System: Plumbing System (8)						***Totals:***	***$23,228***	***$88,348***	
400	Fixtures (A)	01-10-1995	12-09-2020	2	30%	$1.05	$3,501		Replace floor drains in basement (requires cutting through floor and putting in new ones).
8348	Supply Piping (B)	12-09-2020	12-09-2020	5	2%	$1.83	$407		Use softened water to the air compressors and recover waste water.
8350	Supply Piping (B)	12-09-2020	12-09-2020	2	95%	$1.83	$19,320		Supply piping expected useful life.

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Site: MSU-Bozeman Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 12/9/2020
Building: Heating Plant | **Gross Area:** 11,113 Sq Ft | **Report Renewal Cost:** $121,866
Building Type/ Age Class: Central Heating Facilities (7A) | **Cost/Sq Ft:** $171.31 | **Deficiency Ratio:** 6.4%
Const. Date: 1923 | **Replacement Cost:** $1,903,879

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$10,980***	***$135,912***	
5581	Lighting (B)	10-08-2014	12-09-2020	5	20%	$4.94	$10,980		Upgrade lighting in boiler room (room 101). Investigate lighting system upgrades to improve easy access and maintenance efficiencies.
System: Safety System (11)						***Totals:***	***$71,734***	***$218,593***	
8375	Extinguishing System (B)	12-09-2020	12-09-2020	3	10%	$9.29	$10,324		Install dedicated fire suppression system to LPG storage vessel and investigate LPG storage requirements and physical site barriers.
6985	Exit/Emergency Lighting/Alarms (C	10-11-2017	10-11-2017	3	90%	$6.14	$61,410		Install fire suppression system.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 5/5/2022

Building: Herrick Hall | **Gross Area:** 41,285 Sq Ft | **Report Renewal Cost:** $3,404,078

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $251.64 | **Deficiency Ratio:** 32.8%

Const. Date: 1926 | **Replacement Cost:** $10,389,370

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$30,666***	***$280,738***	
866	Footings/Foundation Walls (A)	10-11-2000	11-14-2018	2	15%	$4.49	$27,805		Repair cracks in foundation wall.
6075	Exterior Steps/Retaining Walls (B)	10-14-2015	10-14-2015	2	2%	$2.31	$1,907		Replace retaining walls outside rooms 5, 6, and 19.
8961	Exterior Steps/Retaining Walls (B)	05-05-2022	05-05-2022	2	1%	$2.31	$954		Monitor settling of front west entrance stairs. Water pooling at entrance due to change in grade.
System: Envelope (2)						***Totals:***	***$271,903***	***$905,380***	
6076	Exterior Walls (A)	10-14-2015	10-14-2015	2	1%	$5.95	$2,456		Monitor brick over West entrance.
869	Exterior Windows (B)	01-13-1992	05-05-2022	2	95%	$6.87	$269,447		Replace all windows.
System: Roof System (4)						***Totals:***	***$258,142***	***$350,923***	
6078	Structure (A)	10-14-2015	10-14-2015	2	1%	$2.27	$937		Replace flashing around skylight and North addition flatroof.
1242	Covering (B)	10-08-2003	10-11-2006	2	2%	$4.24	$3,501		Repair East entry canopy & sheet metal fascia at canopy.
8962	Covering (B)	05-05-2022	05-05-2022	2	98%	$4.24	$171,547		Replace roof covering and add ice/snowfall mitigation system.
7474	Insulation (C)	11-14-2018	05-05-2022	2	100%	$1.99	$82,157		Replace roof insulation.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 5/5/2022

Building: Herrick Hall | **Gross Area:** 41,285 Sq Ft | **Report Renewal Cost:** $3,404,078

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $251.64 | **Deficiency Ratio:** 32.8%

Const. Date: 1926 | **Replacement Cost:** $10,389,370

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$131,566***	***$2,359,438***	
4252	Interior Wall Systems (A)	10-14-2009	11-14-2018	2	5%	$15.96	$32,945		Repair water damage at wall at basement.
7475	Ceilings (B)	11-14-2018	11-14-2018	2	1%	$14.11	$5,825		Replace ceiling tiles as needed.
874	Interior Doors/Hardware/Windows (	01-13-1992	01-13-1992	2	1%	$10.56	$4,360		Repaint as required.
6080	Interior Doors/Hardware/Windows (	10-14-2015	10-14-2015	2	1%	$10.56	$4,360		Repair / replace door closers as needed (must meet historic requirements).
4254	Floor Finishes (D)	10-14-2009	10-14-2009	2	5%	$8.07	$16,658		Repair terrazo floors.
8964	Floor Finishes (D)	05-05-2022	05-05-2022	2	15%	$8.07	$49,975		Replace wornout carpet as needed.
872	Wall Finishes (E)	01-13-1992	10-14-2015	2	5%	$8.45	$17,443		Repaint walls as required.
System: HVAC System (7)						***Totals:***	***$300,612***	***$1,072,171***	
2904	Heating (A)	10-11-2006	10-10-2012	2	38%	$11.33	$177,748		Replace steam and condensate piping.
4255	Heating (A)	10-14-2009	10-14-2009	2	10%	$11.33	$46,776		Replace/ repair unit vent in rooms. (rooms 5 and 19)
6083	Heating (A)	10-14-2015	10-14-2015	2	10%	$11.33	$46,776		Upgrade BMS.
876	Ventilating (B)	10-08-2003	05-05-2022	4	50%	$1.42	$29,312		Provide ventilation system for various spaces including interior offices, computer lab, basement labs, and child development center.
System: Plumbing System (8)						***Totals:***	***$1,133,707***	***$1,436,718***	
2905	Fixtures (A)	10-11-2006	05-05-2022	2	15%	$7.61	$47,127		Replace older fixtures with water efficient fixtures.
878	Supply Piping (B)	01-13-1992	05-05-2022	2	90%	$18.39	$683,308		Replace domestic galvanized water piping and components.Beyond estimated useful life.
2908	Supply Piping (B)	10-11-2006	10-14-2009	2	10%	$18.39	$75,923		Replace domestic water heat exchanger.
8963	Waste Piping (C)	05-05-2022	05-05-2022	2	90%	$8.81	$327,349		Waster piping beyond EUL.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1
☑ 2
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Site: MSU-Bozeman Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 5/5/2022

Building: Herrick Hall | **Gross Area:** 41,285 Sq Ft | **Report Renewal Cost:** $3,404,078

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $251.64 | **Deficiency Ratio:** 32.8%

Const. Date: 1926 | **Replacement Cost:** $10,389,370

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$447,983***	***$1,389,240***	
879	Lighting (B)	01-13-1992	11-14-2018	2	15%	$8.68	$53,753		Upgrade lighting to LED throughout.
7472	Distribution (C)	11-14-2018	11-14-2018	2	30%	$10.61	$131,410		Replace secondary distribution system.
8968	Distribution (C)	05-05-2022	05-05-2022	2	60%	$10.61	$262,820		Upgrade/replace cabling.
System: Conveying (10)						***Totals:***	***$276,610***	***$276,610***	
881	Elevator/Lift (A)	01-13-1992	05-05-2022	3	100%	$6.70	$276,610		Provide an elevator for ADA accessibility.
System: Safety System (11)						***Totals:***	***$552,889***	***$595,330***	
882	Egress (A)	01-13-1992	10-14-2015	3	15%	$3.46	$21,427		Provide egress to the south end of the basement.
1244	Egress (A)	10-08-2003	10-14-2015	3	85%	$3.46	$121,419		Provide egress from upper floors.
1245	Extinguishing System (B)	10-08-2003	10-14-2015	3	100%	$5.82	$240,279		Install fire suppression system. (firecode requires existing buildings with open stairwells to have a fire suppression system)
8967	Exit/Emergency Lighting/Alarms (C	05-05-2022	05-05-2022	2	80%	$5.14	$169,764		Fire alarm/notification system at end of EUL and will need replacement in 2026.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Howard Hall
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1974

Area Correction: 1.08
Gross Area: 30,575 Sq Ft
Cost/Sq Ft: $276.29
Replacement Cost: $8,624,704

Last Audit Date: 9/9/2020
Report Renewal Cost: $865,450
Deficiency Ratio: 10.0%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$3,669***	***$179,170***	
8145	Exterior Steps/Retaining Walls (B)	09-09-2020	09-09-2020	3	10%	$1.20	$3,669		Reconstruct sidewalk at west and south entrances for ADA compliance.
System: Envelope (2)						***Totals:***	***$268,832***	***$702,308***	
939	Exterior Walls (A)	10-09-2002	10-08-2008	2	1%	$6.18	$1,890		Repoint exterior brick and address spalling brick/
3641	Exterior Walls (A)	10-08-2008	10-08-2008	2	1%	$6.18	$1,890		Repair cracking concrete at penthouse level.
3642	Exterior Walls (A)	10-08-2008	10-08-2008	2	1%	$6.18	$1,890		Evaluate the replacement of damaged brick on corner above the southwest entrance.
7012	Exterior Windows (B)	11-08-2017	09-09-2020	2	100%	$8.39	$256,524		Replace windows. Ensure replacement includes the installation of operable windows at first level so that building occupants can escape during harmful event.
7003	Exterior Doors/Hatches (C)	11-08-2017	11-08-2017	2	1%	$1.33	$407		Exterior doors need caulking and weather stripping
8151	Exterior Doors/Hatches (C)	09-09-2020	09-09-2020	3	10%	$1.33	$4,066		Upgrade at least one exterior doors to swing door on both levels (southwest and southeast).
7004	Interior Columns/Beams (D)	11-08-2017	11-08-2017	2	1%	$7.08	$2,165		Investigate cracking and/or settling of brick and concrete beams.
System: Roof System (4)						***Totals:***	***$35,131***	***$252,244***	
8144	Covering (B)	09-09-2020	09-09-2020	2	30%	$3.83	$35,131		Roof last replaced in 2009. Single ply EPDM.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 9/9/2020

Building: Howard Hall | **Gross Area:** 30,575 Sq Ft | **Report Renewal Cost:** $865,450

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $276.29 | **Deficiency Ratio:** 10.0%

Const. Date: 1974 | **Replacement Cost:** $8,624,704

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$126,303***	***$1,680,096***	
7005	Ceilings (B)	11-08-2017	11-08-2017	2	1%	$13.32	$4,073		Replace damaged ceiling tiles as needed.
8146	Interior Doors/Hardware/Windows (	09-09-2020	09-09-2020	3	10%	$10.97	$33,541		Upgrade interior door hardware to ADA compliant lever handles with button interior locks.
8147	Interior Doors/Hardware/Windows (	09-09-2020	09-09-2020	3	10%	$10.97	$33,541		Apply window film to interior corridor windows for safety measures.
8150	Interior Doors/Hardware/Windows (	09-09-2020	09-09-2020	3	5%	$10.97	$16,770		Upgrade door hardware in restrooms to deadbolts.
941	Floor Finishes (D)	10-09-2002	11-08-2017	2	5%	$7.62	$11,649		Replace carpet in various offices. (Rooms180, 181,137, 173, 174, 120, and Studios 144 and 145).
7016	Floor Finishes (D)	11-08-2017	11-08-2017	2	1%	$7.62	$2,330		Refinish stage.
2310	Wall Finishes (E)	10-12-2005	10-12-2005	2	10%	$7.98	$24,399		Paint walls as required and replace baseboards by entry ways, locker room, etc.
System: Specialties (6)						***Totals:***	***$19,764***	***$482,779***	
8154	Toilet Partitions (A)	09-09-2020	09-09-2020	3	1%	$2.34	$715		Lower level does not meet federal ADA guidelines for equal facilitation.
8148	Signage/Directories (B)	09-09-2020	09-09-2020	3	1%	$0.80	$245		Add suicide prevention signage throughout facility.
8152	Fixed Seating/Risers (C)	09-09-2020	09-09-2020	2	50%	$1.23	$18,804		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.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 9/9/2020

Building: Howard Hall | **Gross Area:** 30,575 Sq Ft | **Report Renewal Cost:** $865,450

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $276.29 | **Deficiency Ratio:** 10.0%

Const. Date: 1974 | **Replacement Cost:** $8,624,704

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$40,766***	***$1,199,152***	
296	Heating (A)	10-13-1993	10-13-1993	2	5%	$19.61	$29,979		BALANCE WATER SIDE.
297	Ventilating (B)	10-13-1993	10-13-1993	2	5%	$5.88	$8,989		BALANCE AIR SIDE.
7007	Ventilating (B)	11-08-2017	11-08-2017	2	1%	$5.88	$1,798		Replace diffusion, grates and grills as needed. (Specifically grates on wall by stair s and basement door)
System: Plumbing System (8)						***Totals:***	***$19,189***	***$1,265,499***	
7008	Supply Piping (B)	11-08-2017	11-08-2017	2	2%	$21.21	$12,970		Upgrade supply piping.
7009	Waste Piping (C)	11-08-2017	11-08-2017	2	2%	$10.17	$6,219		Upgrade waste piping.
System: Electrical System (9)						***Totals:***	***$65,446***	***$1,174,080***	
7006	Lighting (B)	11-08-2017	11-08-2017	5	15%	$10.14	$46,505		Upgrade lighting to LED throughout.
5611	Distribution (C)	11-12-2014	11-12-2014	2	5%	$12.39	$18,941		Replace lighting contacts.
System: Conveying (10)						***Totals:***	***$19,354***	***$193,540***	
8149	Elevator/Lift (A)	09-09-2020	09-09-2020	3	10%	$6.33	$19,354		Provide ADA compliant access between bulding levels.
System: Safety System (11)						***Totals:***	***$266,996***	***$457,708***	
7010	Egress (A)	11-08-2017	11-08-2017	3	75%	$3.59	$82,323		Address ADA compliance throughout building.
2756	Extinguishing System (B)	10-12-2005	10-08-2008	3	100%	$6.04	$184,673		Install fire suppression system.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 6/10/2020

Building: Huffman Building | **Gross Area:** 9,726 Sq Ft | **Report Renewal Cost:** $479,621

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $368.38 | **Deficiency Ratio:** 14.6%

Const. Date: 1969 | **Replacement Cost:** $3,280,513

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$1,071***	***$75,960***	
6422	Footings/Foundation Walls (A)	04-12-2017	04-12-2017	2	1%	$6.21	$604		Replace roof drains/ add splach blocks
5470	Exterior Steps/Retaining Walls (B)	05-14-2014	05-14-2014	2	1%	$1.60	$156		Replace concrete ramp into garage area.
6423	Exterior Steps/Retaining Walls (B)	04-12-2017	04-12-2017	2	2%	$1.60	$311		Install walking pads.
System: Envelope (2)						***Totals:***	***$111,985***	***$297,907***	
436	Exterior Walls (A)	04-10-2002	04-10-2002	2	1%	$8.24	$801		Replace caulk in roof span beam.
1681	Exterior Walls (A)	04-13-2005	04-13-2005	2	1%	$8.24	$801		Repair spalling at spandrel beams.
438	Exterior Windows (B)	04-14-1993	06-10-2020	2	100%	$11.19	$108,834		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.
439	Exterior Doors/Hatches (C)	05-18-1999	05-14-2014	2	3%	$1.77	$516		Repaint exterior doors.
440	Exterior Doors/Hatches (C)	05-18-1999	05-18-1999	2	6%	$1.77	$1,033		Weatherstrip exterior doors.
System: Roof System (4)						***Totals:***	***$16,898***	***$106,986***	
1680	Covering (B)	05-18-1999	04-12-2017	2	4%	$5.11	$1,988		Recaulk roof details and replace missing coping.-Install walking pads
8101	Covering (B)	06-10-2020	06-10-2020	2	30%	$5.11	$14,910		Main roof last replaced in 2011 after hail storm. Expected replacement of roof covering between 2030 & 2035

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Huffman Building
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1969

Area Correction: 1.44
Gross Area: 9,726 Sq Ft
Cost/Sq Ft: $368.38
Replacement Cost: $3,280,513

Last Audit Date: 6/10/2020
Report Renewal Cost: $479,621
Deficiency Ratio: 14.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$18,511***	***$712,527***	
6421	Ceilings (B)	04-12-2017	04-12-2017	2	2%	$17.76	$3,455		Replace damaged ceiling tiles throughout.
1684	Floor Finishes (D)	04-13-2005	05-14-2014	2	5%	$10.16	$4,941		Replace carpet and tile.
8107	Floor Finishes (D)	06-10-2020	06-10-2020	2	5%	$10.16	$4,941		Replace floor finishes as needed. Base boards and floor finishes are in very poor condition in room 198 VE and room 141.
441	Wall Finishes (E)	05-18-1999	05-14-2014	2	5%	$10.64	$5,174		Repaint walls throughout as needed.
System: Specialties (6)						***Totals:***	***$1,481***	***$204,830***	
6424	Chalk/Tack/Whiteboards/Cabinets (	04-12-2017	04-12-2017	2	1%	$15.23	$1,481		Repair whiteboards in EOC. Separation at the seams.
System: HVAC System (7)						***Totals:***	***$24,665***	***$508,670***	
3551	Heating (A)	04-09-2008	04-09-2008	2	1%	$26.15	$2,543		Investigate under-slab duct work.
6426	Heating (A)	04-12-2017	04-12-2017	5	1%	$26.15	$2,543		1Replace thermostats with environmental control
443	Cooling (C)	04-10-2002	04-10-2002	2	10%	$18.30	$17,799		Replace furnace/condensing unit #2 in room 121.
6425	Cooling (C)	04-12-2017	04-12-2017	2	1%	$18.30	$1,780		Monitor outdoor condensing
System: Plumbing System (8)						***Totals:***	***$283,971***	***$536,681***	
8103	Fixtures (A)	06-10-2020	06-10-2020	2	15%	$13.34	$19,462		Update west staff restroom fixtures.
8104	Supply Piping (B)	06-10-2020	06-10-2020	2	65%	$28.29	$178,847		Supply piping expected useful life.
8105	Waste Piping (C)	06-10-2020	06-10-2020	2	65%	$13.55	$85,662		Waste piping expected useful life.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 6/10/2020

Building: Huffman Building | **Gross Area:** 9,726 Sq Ft | **Report Renewal Cost:** $479,621

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $368.38 | **Deficiency Ratio:** 14.6%

Const. Date: 1969 | **Replacement Cost:** $3,280,513

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)					***Totals:***		***$21,039***	***$497,971***	
4467	Lighting (B)	05-11-2011	05-11-2011	2	1%	$13.52	$1,315		Upgrade outdoor lighting.
8098	Lighting (B)	06-10-2020	06-10-2020	5	15%	$13.52	$19,724		Upgrade lighting to LED throughout.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 1/12/2022

Building: Jabs Hall | **Gross Area:** 55,087 Sq Ft | **Report Renewal Cost:** $207,671

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $254.44 | **Deficiency Ratio:** 1.5%

Const. Date: 2015 | **Replacement Cost:** $13,453,515

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$600***	***$293,063***	
7078	Exterior Steps/Retaining Walls (B)	03-14-2018	03-14-2018	2	1%	$1.09	$600		Eastside handicap ramp concrete crumbles near foundations of railing posts.
System: Envelope (2)						***Totals:***	***$3,090***	***$1,148,564***	
7082	Exterior Walls (A)	03-14-2018	03-14-2018	2	1%	$5.61	$3,090		Monitor/Repair breaking pigeon wire.
System: Roof System (4)						***Totals:***	***$20,630***	***$412,602***	
8717	Covering (B)	01-12-2022	01-12-2022	2	7%	$3.48	$13,419		Roof EUL. In good condition.
8718	Insulation (C)	01-12-2022	01-12-2022	2	7%	$1.87	$7,211		Roof EUL. In good condition.
System: Finishes (5)						***Totals:***	***$32,947***	***$2,746,638***	
7076	Interior Wall Systems (A)	03-14-2018	03-14-2018	2	1%	$13.67	$7,530		Monitor settling cracks in drywall (walls near 4th floor rectangular sky light).
8713	Ceilings (B)	01-12-2022	01-12-2022	2	1%	$12.09	$6,660		Replace celing tiles as needed.
7077	Interior Doors/Hardware/Windows (	03-14-2018	03-14-2018	2	1%	$9.95	$5,481		Monitor rolling system on glass doors throughout.
8712	Interior Doors/Hardware/Windows (	01-12-2022	01-12-2022	2	1%	$9.95	$5,481		Repair window hardware as needed. Screws fall out frequently.
8714	Floor Finishes (D)	01-12-2022	01-12-2022	2	1%	$6.91	$3,807		Refinish wood floor on west side of first floor.
7075	Wall Finishes (E)	03-14-2018	01-12-2022	2	1%	$7.24	$3,988		Repaint walls as needed (halls and classrooms). Chairs are scuffing the walls in classrooms. Consider installing chair rails.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 1/12/2022

Building: Jabs Hall | **Gross Area:** 55,087 Sq Ft | **Report Renewal Cost:** $207,671

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $254.44 | **Deficiency Ratio:** 1.5%

Const. Date: 2015 | **Replacement Cost:** $13,453,515

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$15,689***	***$1,960,546***	
8716	Heating (A)	01-12-2022	01-12-2022	5	1%	$17.80	$9,805		Modify geothermal well pumps to turn off when not in use.
8715	Ventilating (B)	01-12-2022	01-12-2022	2	1%	$5.34	$2,942		Replace CO2 sensors as needed. All nearing end of expected useful life.
8722	Ventilating (B)	01-12-2022	01-12-2022	2	1%	$5.34	$2,942		Repair demand controlled ventilation systems.
System: Plumbing System (8)						***Totals:***	***$78,416***	***$2,094,959***	
8720	Supply Piping (B)	01-12-2022	01-12-2022	2	5%	$19.25	$53,021		Supply piping EUL. In good condition.
8719	Waste Piping (C)	01-12-2022	01-12-2022	2	5%	$9.22	$25,395		Waste piping EUL. In good condition.
System: Electrical System (9)						***Totals:***	***$56,299***	***$2,092,755***	
7079	Lighting (B)	03-14-2018	03-14-2018	4	10%	$10.22	$56,299		Upgrade lighting to LED throughout.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 1/8/2020

Building: Kellogg Center | **Gross Area:** 4,206 Sq Ft | **Report Renewal Cost:** $297,720

Building Type/ Age Class: Apartment, 1-3 Story (11A) | **Cost/Sq Ft:** $313.06 | **Deficiency Ratio:** 22.6%

Const. Date: 1944 | **Replacement Cost:** $1,316,772

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$16,706***	***$54,888***	
448	Footings/Foundation Walls (A)	07-19-2001	07-19-2001	2	40%	$9.85	$16,572		Monitor settling cracks and foundation spalling.
8011	Exterior Steps/Retaining Walls (B)	01-08-2020	01-08-2020	2	1%	$3.19	$134		Monitor rust on west exterior ramp.
System: Envelope (2)						***Totals:***	***$85,796***	***$174,759***	
451	Exterior Walls (A)	07-19-2001	01-08-2019	2	20%	$28.27	$23,781		Replace, repair, and repaint trim and waterboard throughout entire building.
902	Exterior Walls (A)	07-19-2001	07-19-2001	2	5%	$28.27	$5,945		BRICK REPAIR ON THE CHIMNEY.
6358	Exterior Walls (A)	01-18-2017	01-18-2017	2	30%	$28.27	$35,671		Insulate exterior walls
903	Exterior Windows (B)	07-19-2001	01-08-2020	2	100%	$4.85	$20,399		Replace windows and replace trim with insulated type.
System: Floor System (3)						***Totals:***	***$19,507***	***$196,799***	
4456	Floor Structure (A)	03-09-2011	03-09-2011	2	2%	$38.65	$3,251		Investigate separating of floor structure beneath carpet, midpoint of building, and 1st floor.
8007	Floor Structure (A)	01-08-2020	01-08-2020	2	10%	$38.65	$16,256		Building movement causing ceiling cracks. Monitor.
System: Roof System (4)						***Totals:***	***$22,780***	***$35,541***	
8012	Covering (B)	01-08-2020	01-08-2020	2	80%	$4.27	$14,368		Replace roof covering.
906	Insulation (C)	07-19-2001	01-08-2020	2	100%	$2.00	$8,412		Replace Insulation

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Kellogg Center
Building Type/ Age Class: Apartment, 1-3 Story (11A)
Const. Date: 1944

Area Correction: 1.44
Gross Area: 4,206 Sq Ft
Cost/Sq Ft: $313.06
Replacement Cost: $1,316,772

Last Audit Date: 1/8/2020
Report Renewal Cost: $297,720
Deficiency Ratio: 22.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$31,046***	***$276,839***	
907	Interior Wall Systems (A)	07-19-2001	07-19-2001	2	10%	$17.37	$7,306		REPAIR CRACKS AND PAINT TOUCH-UP.
8014	Ceilings (B)	01-08-2020	01-08-2020	2	10%	$10.84	$4,559		Repair cracked ceiling plaster.
4457	Floor Finishes (D)	03-09-2011	01-18-2017	2	25%	$13.03	$13,701		Replace worn and damaged carpet as needed and replace tile work upstairs
8015	Floor Finishes (D)	01-08-2020	01-08-2020	2	10%	$13.03	$5,480		Restroom flooring needs replacement.
System: Plumbing System (8)						***Totals:***	***$118,487***	***$179,386***	
6357	Fixtures (A)	01-18-2017	01-18-2017	2	25%	$13.22	$13,901		Replace bathroom fixtures in upstairs bathroom
8013	Fixtures (A)	01-08-2020	01-08-2020	2	10%	$13.22	$5,560		Replace plumbing fixtures.
5369	Supply Piping (B)	02-12-2014	01-18-2017	2	80%	$19.97	$67,195		Replace galvanized supply piping.
4458	Waste Piping (C)	03-09-2011	03-09-2011	2	80%	$9.46	$31,831		Replace sanitary sewer line.
System: Electrical System (9)						***Totals:***	***$3,398***	***$95,140***	
8009	Distribution (C)	01-08-2020	01-08-2020	3	10%	$8.08	$3,398		Replace knob and tube wiring. A lot of this replaced before the 2014 audit.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Leon Johnson Hall
Building Type/ Age Class: Teaching/Research Labs (4B)
Const. Date: 1973

Area Correction: 0.94
Gross Area: 125,480 Sq Ft
Cost/Sq Ft: $277.54
Replacement Cost: $32,617,954

Last Audit Date: 9/11/2019
Report Renewal Cost: $4,163,387
Deficiency Ratio: 12.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$9,649***	***$964,941***	
8017	Footings/Foundation Walls (A)	09-11-2019	09-11-2019	2	1%	$6.65	$8,344		Monitor foundation leaks at west corridor, second floor.
6280	Exterior Steps/Retaining Walls (B)	09-14-2016	09-14-2016	2	1%	$1.04	$1,305		Seal concrete joints on Annex ramp.
System: Envelope (2)						***Totals:***	***$17,655***	***$3,443,171***	
1499	Exterior Walls (A)	09-08-2004	09-14-2016	2	1%	$9.93	$12,460		Clean exterior brick façade at Annex and West side.
252	Exterior Windows (B)	09-11-2001	09-11-2013	2	1%	$4.14	$5,195		Recaulk windows at corner.
System: Roof System (4)						***Totals:***	***$401,536***	***$1,641,278***	
8018	Covering (B)	09-11-2019	09-11-2019	2	50%	$6.40	$401,536		Roof expected useful life: new roof covering in 2004 - single ply.
System: Finishes (5)						***Totals:***	***$269,243***	***$6,876,304***	
6283	Ceilings (B)	09-14-2016	09-11-2019	2	5%	$11.59	$72,716		Replace damaged ceiling tiles as needed.
6288	Interior Doors/Hardware/Windows (	09-14-2016	09-14-2016	3	2%	$2.56	$6,425		Investigate and monitor panic hardware on fire egress doors.
255	Floor Finishes (D)	09-09-1992	10-13-2010	2	5%	$9.88	$61,987		Replace worn out carpeting.
6289	Wall Finishes (E)	09-14-2016	09-11-2019	2	10%	$10.21	$128,115		Repaint walls as necessary.
System: Specialties (6)						***Totals:***	***$346,048***	***$2,630,061***	
6282	Toilet Partitions (A)	09-14-2016	09-11-2019	2	5%	$2.04	$12,799		Replace toilet partitions.
256	Signage/Directories (B)	09-11-2001	09-11-2013	4	67%	$0.69	$58,009		Replace signs (only 4,5, and 6th floors done).
5226	Signage/Directories (B)	09-11-2013	09-11-2013	4	5%	$0.69	$4,329		Replace directories.
3461	Chalk/Tack/Whiteboards/Cabinets (	09-12-2007	09-11-2019	2	20%	$9.94	$249,454		Replace damage/worn lab countertops and cabinents.
5228	Walk-in Cooler (J)	09-11-2013	09-11-2013	2	5%	$3.42	$21,457		Replace 5th floor wooden walk in cooler.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.94 | **Last Audit Date:** 9/11/2019

Building: Leon Johnson Hall | **Gross Area:** 125,480 Sq Ft | **Report Renewal Cost:** $4,163,387

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $277.54 | **Deficiency Ratio:** 12.8%

Const. Date: 1973 | **Replacement Cost:** $32,617,954

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$298,454***	***$4,697,971***	
4413	Heating (A)	10-13-2010	09-11-2013	2	5%	$17.07	$107,097		Replace / repair heating coils in HUVs.
6292	Ventilating (B)	09-14-2016	09-14-2016	2	10%	$15.25	$191,357		Replace Climate cool module butterfly valves as required.
System: Plumbing System (8)						***Totals:***	***$1,490,489***	***$7,715,765***	
6295	Supply Piping (B)	09-14-2016	09-14-2016	2	5%	$33.52	$210,304		Replace PVC air piping lines throughout building.
8019	Supply Piping (B)	09-11-2019	09-11-2019	5	5%	$33.52	$210,304		Upgrade urinal valves.
8020	Supply Piping (B)	09-11-2019	09-11-2019	2	15%	$33.52	$630,913		Supply piping expected useful life.
6287	Waste Piping (C)	09-14-2016	09-14-2016	3	5%	$15.21	$95,428		Install tower roof overflows (rain piping) as needed.
6296	Waste Piping (C)	09-14-2016	09-14-2016	2	1%	$15.21	$19,086		Install solid interceptor in 246 (soils lab).
6297	Waste Piping (C)	09-14-2016	09-14-2016	2	2%	$15.21	$38,171		Replace glass waste pipe below soils lab (to prevent clogging).
8021	Waste Piping (C)	09-11-2019	09-11-2019	2	15%	$15.21	$286,283		Waste piping expected useful life.
System: Electrical System (9)						***Totals:***	***$152,056***	***$2,881,021***	
6285	Lighting (B)	09-14-2016	09-11-2019	5	15%	$7.47	$140,600		Upgrade lighting to LED and install occupancy sensors throughout.
8023	Distribution (C)	09-11-2019	09-11-2019	3	1%	$9.13	$11,456		Upgrade outlets near safety showers to GFCI.
System: Conveying (10)						***Totals:***	***$691,395***	***$691,395***	
1509	Elevator/Lift (A)	09-08-2004	09-11-2019	2	100%	$5.51	$691,395		Upgrade elevator.
System: Safety System (11)						***Totals:***	***$486,862***	***$1,267,348***	
1510	Extinguishing System (B)	09-08-2004	09-08-2004	3	80%	$4.85	$486,862		Install sprinkler system on remaining floors.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 7/19/2021

Building: Lewis Hall | **Gross Area:** 46,233 Sq Ft | **Report Renewal Cost:** $2,738,586

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $251.64 | **Deficiency Ratio:** 24.5%

Const. Date: 1923 | **Replacement Cost:** $11,178,293

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$10,379***	***$314,384***	
609	Footings/Foundation Walls (A)	02-09-2000	03-14-2012	2	5%	$4.49	$10,379		Waterproof foundation (5% work was done on this between 2009 and 2012 audit, but some remains).
System: Envelope (2)						***Totals:***	***$303,859***	***$1,013,890***	
5688	Exterior Walls (A)	03-18-2015	03-18-2015	2	6%	$5.95	$16,505		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.
5689	Exterior Walls (A)	03-18-2015	07-14-2021	2	10%	$5.95	$27,509		Regrout building exterior.
5690	Exterior Walls (A)	03-18-2015	03-18-2015	2	1%	$5.95	$2,751		Repaint North side under eaves of the exposed rafters (paint is peeling).
8613	Exterior Walls (A)	07-19-2021	07-19-2021	2	1%	$5.95	$2,751		Repair/Reseal joints between Cooley Hall and Lewis Hall. Water infiltration in foyer during periods of rainfall and snow melt.
8612	Exterior Windows (B)	07-19-2021	07-19-2021	2	75%	$6.87	$238,216		Replace exterior windows. Some are original and those that are originals' seals are failing, causing water infiltration.
5691	Exterior Doors/Hatches (C)	03-18-2015	03-18-2015	2	15%	$1.28	$8,877		Refinish wood doors.
4667	Interior Columns/Beams (D)	03-14-2012	03-14-2012	2	1%	$7.84	$3,625		Cracks on the surface of beams at ceiling in room 304.
5692	Interior Columns/Beams (D)	03-18-2015	03-18-2015	2	1%	$7.84	$3,625		Repair spalling on attic interior columns / beams.
System: Floor System (3)						***Totals:***	***$20,422***	***$1,253,377***	
612	Stair Treads/Risers (B)	02-09-2000	02-08-2006	2	2%	$6.31	$5,835		Repair chipped terrazzo stairs on 3rd floor.
613	Stair Treads/Risers (B)	02-15-2003	02-15-2003	4	5%	$6.31	$14,587		Refinish all stair railings in East and West stairwells.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 7/19/2021

Building: Lewis Hall | **Gross Area:** 46,233 Sq Ft | **Report Renewal Cost:** $2,738,586

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $251.64 | **Deficiency Ratio:** 24.5%

Const. Date: 1923 | **Replacement Cost:** $11,178,293

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)						***Totals:***	***$209,829***	***$392,981***	
5696	Covering (B)	03-18-2015	03-18-2015	2	5%	$4.24	$9,801		Replace missing clay tiles.
8617	Covering (B)	07-19-2021	07-19-2021	2	95%	$4.24	$186,227		Replace roof insulation.
3712	Insulation (C)	02-11-2009	03-14-2012	5	15%	$1.99	$13,801		Improve insulation in roof or attic.
System: Finishes (5)						***Totals:***	***$139,161***	***$2,642,216***	
616	Ceilings (B)	02-12-2003	03-18-2015	2	5%	$14.11	$32,617		Patch and paint ceilings and monitor cracking.
8616	Interior Doors/Hardware/Windows (	07-19-2021	07-19-2021	3	10%	$10.56	$48,822		Upgrade interior door hardware to campus standard.
619	Floor Finishes (D)	02-12-2003	03-18-2015	2	5%	$8.07	$18,655		Replace existing floor covering.
615	Wall Finishes (E)	02-15-2003	02-08-2006	2	10%	$8.45	$39,067		Patch and paint interior walls.
System: Specialties (6)						***Totals:***	***$260,292***	***$675,926***	
8615	Toilet Partitions (A)	07-19-2021	07-19-2021	2	100%	$1.78	$82,295		Replace all toilet partitions.
7123	Chalk/Tack/Whiteboards/Cabinets (	06-13-2018	07-19-2021	2	15%	$11.00	$76,284		Replace worn counter tops and cabinets.
8614	Chalk/Tack/Whiteboards/Cabinets (	07-19-2021	07-19-2021	2	20%	$11.00	$101,713		Replace all bathroom cabinets.
System: HVAC System (7)						***Totals:***	***$83,081***	***$1,200,671***	
623	Ventilating (B)	02-12-2003	03-18-2015	3	80%	$1.42	$52,521		Provide ventilation system for interior spaces.
5699	Cooling (C)	03-18-2015	03-18-2015	5	5%	$13.22	$30,560		Replace walk in cooler.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 7/19/2021

Building: Lewis Hall | **Gross Area:** 46,233 Sq Ft | **Report Renewal Cost:** $2,738,586

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $251.64 | **Deficiency Ratio:** 24.5%

Const. Date: 1923 | **Replacement Cost:** $11,178,293

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$1,395,658***	***$1,608,908***	
624	Fixtures (A)	02-10-1993	07-19-2021	2	70%	$7.61	$246,283		Replace fixtures.
8611	Fixtures (A)	07-19-2021	07-19-2021	2	5%	$7.61	$17,592		Replace water heater.
625	Supply Piping (B)	02-10-1993	07-19-2021	2	90%	$18.39	$765,202		Replace supply piping.
626	Waste Piping (C)	02-10-1993	02-11-2009	2	90%	$8.81	$366,581		Replace waste piping.
System: Electrical System (9)						***Totals:***	***$182,828***	***$1,555,740***	
7115	Lighting (B)	06-06-2018	06-06-2018	5	15%	$8.68	$60,195		Upgrade lighting to LED throughout.
3714	Distribution (C)	02-11-2009	03-18-2015	2	10%	$10.61	$49,053		Replace old deteriorated 2nd floor panels.
3715	Distribution (C)	02-11-2009	02-11-2009	2	15%	$10.61	$73,580		Replace switches and receptacles.
System: Safety System (11)						***Totals:***	***$133,077***	***$666,680***	
3718	Exit/Emergency Lighting/Alarms (C	02-11-2009	03-14-2012	3	56%	$5.14	$133,077		Extend smoke detection system.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 12/11/2019

Building: Linfield Hall | **Gross Area:** 82,999 Sq Ft | **Report Renewal Cost:** $3,210,648

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $232.28 | **Deficiency Ratio:** 18.8%

Const. Date: 1909 | **Replacement Cost:** $17,109,878

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$85,904***	***$520,404***	
3508	Footings/Foundation Walls (A)	01-09-2008	01-09-2008	2	25%	$4.14	$85,904		(north) Repair/reinforce stone foundation walls outside room 125.
System: Envelope (2)						***Totals:***	***$97,159***	***$1,680,730***	
5332	Exterior Walls (A)	12-11-2013	12-11-2019	2	4%	$5.49	$18,227		(South) Repair soffits near entrance by room 125 (SE entrance).
633	Exterior Windows (B)	01-09-2002	12-11-2013	5	15%	$6.34	$78,932		(South) Replace aluminum framed windows with energy efficient windows.
System: Roof System (4)						***Totals:***	***$162,678***	***$651,542***	
8074	Covering (B)	12-11-2019	12-11-2019	2	50%	$3.92	$162,678		Replace Linfield South building roof covering - leaking.
System: Finishes (5)						***Totals:***	***$516,087***	***$4,378,197***	
637	Ceilings (B)	01-09-2002	01-09-2002	2	5%	$13.02	$54,032		(North) Repair plaster ceilings.
638	Ceilings (B)	01-09-2002	01-09-2002	2	5%	$13.02	$54,032		(North) Paint ceilings.
6334	Ceilings (B)	12-14-2016	12-11-2019	2	5%	$13.02	$54,032		Repair/Replace accoustic ceiling tiles
639	Interior Doors/Hardware/Windows (	01-09-2002	01-09-2002	6	5%	$9.75	$40,462		Refinish north and south interior doors and baseboards.
8070	Floor Finishes (D)	12-11-2019	12-11-2019	2	10%	$7.45	$61,834		Replace north and south floor coverings.
8073	Floor Finishes (D)	12-11-2019	12-11-2019	2	25%	$7.45	$154,586		4th floor tiles abating.
1598	Wall Finishes (E)	01-09-2002	12-14-2016	6	10%	$7.80	$64,739		(North and South) Patch walls and paint.
1599	Wall Finishes (E)	01-09-2002	01-09-2002	6	5%	$7.80	$32,370		(North) Refinish wood trim.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 12/11/2019

Building: Linfield Hall | **Gross Area:** 82,999 Sq Ft | **Report Renewal Cost:** $3,210,648

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $232.28 | **Deficiency Ratio:** 18.8%

Const. Date: 1909 | **Replacement Cost:** $17,109,878

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$20,418***	***$1,119,657***	
5334	Toilet Partitions (A)	01-09-2008	12-14-2016	2	15%	$1.64	$20,418		(South) Replace toilet partitions in basement - a remodel of the mens room is recommended.
System: HVAC System (7)						***Totals:***	***$294,429***	***$1,989,486***	
641	Heating (A)	01-09-2002	01-09-2008	2	2%	$10.46	$17,363		(South) Replace thermostats and control valves at radiators.
642	Heating (A)	01-09-2002	01-09-2008	4	2%	$10.46	$17,363		(North) Replace hand valves with control valves
643	Heating (A)	01-13-1999	01-13-1999	5	1%	$10.46	$8,682		Insulate steam and condensate lines.
5338	Heating (A)	12-11-2013	12-11-2019	2	15%	$10.46	$130,225		Replace condensate galvanized piping.
5339	Heating (A)	12-11-2013	12-11-2013	2	2%	$10.46	$17,363		Replace steam traps.
5340	Ventilating (B)	12-11-2013	12-14-2016	2	2%	$1.31	$2,175		Replace sidewall in Meat Lab. (Asletom)
5336	Cooling (C)	12-11-2013	12-14-2016	2	5%	$12.20	$50,629		Replace evaporaters and condensers in walk-in coolers in meat labs.
8076	Cooling (C)	12-11-2019	12-11-2019	5	5%	$12.20	$50,629		Energy study needed to change domestic water to mechanical.
System: Plumbing System (8)						***Totals:***	***$1,649,854***	***$2,666,758***	
5342	Fixtures (A)	01-09-2002	12-14-2016	2	15%	$7.02	$87,398		Replace worn out plumbing fixtures in basement.
1604	Supply Piping (B)	01-12-2005	12-11-2019	2	75%	$16.97	$1,056,370		Replace galvanized branch piping.
648	Waste Piping (C)	01-13-1993	01-09-2008	2	75%	$8.13	$506,086		Replace worn out waste piping.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus
Area Correction: 0.96
Last Audit Date: 12/11/2019

Building: Linfield Hall
Gross Area: 82,999 Sq Ft
Report Renewal Cost: $3,210,648

Building Type/ Age Class: General Classroom/Office (3A)
Cost/Sq Ft: $232.28
Deficiency Ratio: 18.8%

Const. Date: 1909
Replacement Cost: $17,109,878

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$384,119***	***$2,577,949***	
8072	Lighting (B)	12-11-2019	12-11-2019	2	15%	$8.01	$99,723		Upgrade lighting to LED throughout.
6336	Distribution (C)	01-12-2005	01-12-2005	2	30%	$9.79	$243,768		Upgrade secondary distribution system. (Partly renovated in 2013)
6349	Distribution (C)	12-14-2016	12-14-2016	2	5%	$9.79	$40,628		Replace knob and tube wiring in building.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 10/9/2019

Building: Marsh Lab Modular #1 South | **Gross Area:** 2,098 Sq Ft | **Report Renewal Cost:** $26,359

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $427.98 | **Deficiency Ratio:** 2.9%

Const. Date: 1998 | **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:***	***$2,136***	***$24,714***	
7960	Footings/Foundation Walls (A)	10-09-2019	10-09-2019	2	10%	$10.18	$2,136		Monitor building settling.
System: Envelope (2)						***Totals:***	***$3,191***	***$88,200***	
7962	Exterior Walls (A)	10-09-2019	10-09-2019	2	10%	$15.21	$3,191		Refinish siding.
System: Roof System (4)						***Totals:***	***$4,112***	***$42,023***	
7961	Covering (B)	10-09-2019	10-09-2019	2	20%	$9.80	$4,112		Replace roof covering.
System: Specialties (6)						***Totals:***	***$2,224***	***$63,863***	
7966	Signage/Directories (B)	10-09-2019	10-09-2019	3	100%	$1.06	$2,224		Upgrade building signage throughout.
System: HVAC System (7)						***Totals:***	***$10,696***	***$120,320***	
7964	Heating (A)	10-09-2019	10-09-2019	2	15%	$26.15	$8,229		Monitor heating system.
7965	Cooling (C)	10-09-2019	10-09-2019	2	15%	$7.84	$2,467		Monitor cooling system.
System: Electrical System (9)						***Totals:***	***$4,000***	***$81,046***	
7963	Lighting (B)	10-09-2019	10-09-2019	5	15%	$12.71	$4,000		Upgrade lighting to LED throughout.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 10/9/2019

Building: Marsh Lab Modular #2 North | **Gross Area:** 2,283 Sq Ft | **Report Renewal Cost:** $28,191

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $427.98 | **Deficiency Ratio:** 3.0%

Const. Date: 2001 | **Replacement Cost:** $950,116

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$4,196***	***$95,977***	
7969	Exterior Walls (A)	10-09-2019	10-09-2019	2	10%	$15.21	$3,472		Refinish siding.
7974	Exterior Windows (B)	10-09-2019	10-09-2019	2	5%	$6.34	$724		Repair exterior window. Signs of water infiltration.
System: Roof System (4)						***Totals:***	***$3,356***	***$45,728***	
7970	Covering (B)	10-09-2019	10-09-2019	2	15%	$9.80	$3,356		Replace roof covering.
System: Specialties (6)						***Totals:***	***$2,420***	***$69,495***	
7972	Signage/Directories (B)	10-09-2019	10-09-2019	3	100%	$1.06	$2,420		Upgrade building signage.
System: HVAC System (7)						***Totals:***	***$11,640***	***$130,930***	
7975	Heating (A)	10-09-2019	10-09-2019	2	15%	$26.15	$8,955		Monitor heating system.
7976	Cooling (C)	10-09-2019	10-09-2019	2	15%	$7.84	$2,685		Monitor cooling system.
System: Electrical System (9)						***Totals:***	***$4,353***	***$88,192***	
7978	Lighting (B)	10-09-2019	10-09-2019	5	15%	$12.71	$4,353		Upgrade lighting to LED throughout.
System: Safety System (11)						***Totals:***	***$2,226***	***$35,318***	
7968	Exit/Emergency Lighting/Alarms (C	10-09-2019	10-09-2019	3	30%	$3.25	$2,226		Upgrade emergency lighting.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 10/9/2019

Building: Marsh Laboratory | **Gross Area:** 31,018 Sq Ft | **Report Renewal Cost:** $4,155,100

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $318.88 | **Deficiency Ratio:** 42.0%

Const. Date: 1961 | **Replacement Cost:** $9,891,330

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$90,387***	***$273,889***	
171	Footings/Foundation Walls (A)	10-17-2001	10-12-2016	2	20%	$7.64	$47,396		Repair / replace exterior concrete at entries (2 Entrys: 1. entry between rooms 77 & 83A, 2. entry between rooms 94 & 112.)
4422	Footings/Foundation Walls (A)	11-10-2010	10-09-2013	2	5%	$7.64	$11,849		Replace concrete at loading dock.
6305	Footings/Foundation Walls (A)	10-12-2016	10-12-2016	2	10%	$7.64	$23,698		Spalling to foundation edge
5255	Exterior Steps/Retaining Walls (B)	10-09-2013	10-09-2013	2	10%	$1.20	$3,722		Replace steps to basement.
6307	Exterior Steps/Retaining Walls (B)	10-12-2016	10-12-2016	2	10%	$1.20	$3,722		Replace concrete on exterior steps at west entrance
System: Envelope (2)						***Totals:***	***$277,954***	***$977,998***	
173	Exterior Walls (A)	10-17-2001	10-09-2013	5	30%	$11.41	$106,175		Replace exterior metal panels with insulated type. (contingent on installing central AC system)
5257	Exterior Walls (A)	10-17-2001	10-17-2001	2	2%	$11.41	$7,078		Caulk exterior metal panels.
172	Exterior Windows (B)	10-17-2001	10-17-2001	2	5%	$4.76	$7,382		Replace gaskets/caulk exterior windows.
174	Exterior Windows (B)	10-14-1992	10-10-2007	2	95%	$4.76	$140,263		Replace exterior windows. (Windows and metal panels are one assembly. Replacing one will require replacing the other.)
1536	Exterior Doors/Hatches (C)	10-13-2004	10-13-2004	2	5%	$4.23	$6,560		Replace/upgrade exterior door hardware.
3477	Exterior Doors/Hatches (C)	10-10-2007	10-09-2013	2	8%	$4.23	$10,496		Repaint doors & frames.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 10/9/2019

Building: Marsh Laboratory | **Gross Area:** 31,018 Sq Ft | **Report Renewal Cost:** $4,155,100

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $318.88 | **Deficiency Ratio:** 42.0%

Const. Date: 1961 | **Replacement Cost:** $9,891,330

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)						***Totals:***	***$70,162***	***$466,201***	
5261	Covering (B)	10-09-2013	10-09-2013	2	20%	$7.35	$45,596		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).
5276	Insulation (C)	10-09-2013	10-09-2013	2	20%	$3.96	$24,566		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).
System: Finishes (5)						***Totals:***	***$251,618***	***$1,952,893***	
177	Ceilings (B)	10-17-2001	10-09-2019	2	10%	$13.32	$41,316		Replace damaged ceiling tile as needed.
1535	Ceilings (B)	10-11-1995	10-09-2019	2	15%	$13.32	$61,974		Paint interior ceiling as needed.
1538	Interior Doors/Hardware/Windows (	10-13-2004	10-13-2004	2	5%	$2.94	$4,560		Paint interior doors.
179	Floor Finishes (D)	10-17-2001	10-09-2019	2	15%	$11.35	$52,808		Replace damaged floor tile.
3486	Wall Finishes (E)	10-10-2007	10-09-2019	2	25%	$11.73	$90,960		Patch and paint interior walls as needed.
System: Specialties (6)						***Totals:***	***$202,423***	***$747,224***	
3479	Toilet Partitions (A)	10-10-2007	10-09-2013	2	65%	$2.34	$47,178		Replace toilet partitions.
180	Chalk/Tack/Whiteboards/Cabinets (	10-17-2001	10-09-2019	2	40%	$11.43	$141,814		Repair/replace damaged cabinets in Labs.
1539	Fume Hoods (E)	10-13-2004	10-09-2019	3	10%	$4.33	$13,431		Replace wooden fume hood in room #4. Currently used for insect storage.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 10/9/2019

Building: Marsh Laboratory | **Gross Area:** 31,018 Sq Ft | **Report Renewal Cost:** $4,155,100

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $318.88 | **Deficiency Ratio:** 42.0%

Const. Date: 1961 | **Replacement Cost:** $9,891,330

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$1,005,439***	***$1,334,084***	
1541	Heating (A)	10-13-2004	10-09-2013	2	25%	$19.61	$152,066		Replace control system and recommission.
3481	Heating (A)	10-10-2007	10-09-2013	2	50%	$19.61	$304,131		Replace boilers.
3480	Ventilating (B)	10-10-2007	10-09-2013	2	15%	$17.52	$81,515		Upgrade control system and recommission.
3482	Ventilating (B)	10-10-2007	10-10-2007	2	20%	$17.52	$108,687		Replace mixing boxes.
4424	Ventilating (B)	11-10-2010	10-09-2013	2	6%	$17.52	$32,606		Repair damper actuators on general exhaust.
5265	Ventilating (B)	10-09-2013	10-09-2013	4	50%	$17.52	$271,718		Upgrade vent exhaust systems.
183	Cooling (C)	10-14-1992	10-12-2016	2	30%	$5.88	$54,716		Replace room 34 walk-in cooler. (3 out of 5 walk in coolers).
System: Plumbing System (8)						***Totals:***	***$1,757,247***	***$2,191,112***	
184	Fixtures (A)	10-14-1992	10-10-2007	2	45%	$14.66	$204,626		Replace faucets & bathroom fixtures throughout.
185	Fixtures (A)	10-11-1995	10-12-2016	3	20%	$14.66	$90,945		Install eyewash and emergency showers in all labs.
186	Fixtures (A)	10-17-2001	10-09-2013	2	30%	$14.66	$136,417		Replace hot water storage tank and pump.
4425	Fixtures (A)	11-10-2010	11-10-2010	2	5%	$14.66	$22,736		Replace faucets at lab sinks.
5268	Supply Piping (B)	10-09-2013	10-09-2013	2	75%	$38.52	$896,110		Replace galvanized piping.
187	Waste Piping (C)	10-17-2001	10-09-2019	2	75%	$17.47	$406,413		Replace acid waste and vent lines - system is beyond its expected useful life.
System: Electrical System (9)						***Totals:***	***$251,416***	***$818,255***	
7980	Lighting (B)	10-09-2019	10-09-2019	5	15%	$8.58	$39,920		Upgrade lighting to LED throughout.
3483	Distribution (C)	10-10-2007	10-09-2013	2	65%	$10.49	$211,496		Replace old distribution panels, wiring, and outlets.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus
Building: Marsh Laboratory
Building Type/ Age Class: Teaching/Research Labs (4B)
Const. Date: 1961

Area Correction: 1.08
Gross Area: 31,018 Sq Ft
Cost/Sq Ft: $318.88
Replacement Cost: $9,891,330

Last Audit Date: 10/9/2019
Report Renewal Cost: $4,155,100
Deficiency Ratio: 42.0%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	***$248,454***	***$359,809***	
7984	Extinguishing System (B)	10-09-2019	10-09-2019	2	100%	$5.57	$172,770		Upgrade fire extinguishing system.
7982	Exit/Emergency Lighting/Alarms (C	10-09-2019	10-09-2019	2	100%	$2.44	$75,684		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.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 9/8/2021

Building: McCall Hall | **Gross Area:** 10,591 Sq Ft | **Report Renewal Cost:** $1,527,640

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $357.26 | **Deficiency Ratio:** 40.6%

Const. Date: 1952 | **Replacement Cost:** $3,761,339

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$11,629***	***$104,851***	
121	Footings/Foundation Walls (A)	05-11-2000	05-13-2015	2	5%	$8.56	$4,533		Patch crack in foundation wall (North side - outside rooms 19 and 23).
122	Exterior Steps/Retaining Walls (B)	05-11-2000	04-08-2009	2	50%	$1.34	$7,096		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)
System: Envelope (2)						***Totals:***	***$63,219***	***$374,074***	
123	Exterior Walls (A)	05-11-2000	05-16-2006	2	2%	$12.78	$2,707		SEAL/PATCH EXTERIOR PENETRATIONS.
124	Exterior Walls (A)	03-10-1993	03-10-1993	2	2%	$12.78	$2,707		REPOINT THE TERRA COTTA SILLS AND COPINGS.
5898	Exterior Walls (A)	05-13-2015	05-13-2015	2	1%	$12.78	$1,354		Repaint and clean up soffits/fascia.
125	Exterior Windows (B)	05-11-2000	04-08-2009	2	95%	$5.33	$53,628		REPLACE EXTERIOR WINDOWS.
3754	Exterior Windows (B)	04-08-2009	04-08-2009	2	5%	$5.33	$2,823		Replace exterior caulking around glazing.
System: Floor System (3)						***Totals:***	***$14,139***	***$219,234***	
127	Floor Structure (A)	05-11-2000	09-08-2021	2	10%	$13.35	$14,139		Level slabs throughout building.
System: Roof System (4)						***Totals:***	***$131,329***	***$178,247***	
8649	Structure (A)	09-08-2021	09-08-2021	2	100%	$4.16	$44,059		Replace roof. Failing at some fume hoods. Last record of replacemnet in 1993.
8650	Covering (B)	09-08-2021	09-08-2021	2	100%	$8.24	$87,270		Replace roof insulatio at time of roof replacement.

Def. Categories
1 2 3 4 5 6 7

Site: MSU-Bozeman Main Campus
Building: McCall Hall
Building Type/ Age Class: Teaching/Research Labs (4B)
Const. Date: 1952

Area Correction: 1.21
Gross Area: 10,591 Sq Ft
Cost/Sq Ft: $357.26
Replacement Cost: $3,761,339

Last Audit Date: 9/8/2021
Report Renewal Cost: $1,527,640
Deficiency Ratio: 40.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$74,063***	***$747,089***	
129	Ceilings (B)	05-11-2000	09-08-2021	2	10%	$14.92	$15,802		Repair ceiling finishes throughout.
8651	Interior Doors/Hardware/Windows (	09-08-2021	09-08-2021	3	10%	$3.29	$3,484		Upgrade interior doorhardware to campus standard.
131	Floor Finishes (D)	04-09-2003	09-08-2021	2	20%	$12.72	$26,944		FLOOR REPAIR/TILE.
972	Wall Finishes (E)	04-09-2003	09-08-2021	2	20%	$13.14	$27,833		PATCH/REPAINT ROOMS AS NEEDED.
System: Specialties (6)						***Totals:***	***$108,589***	***$285,851***	
8652	Toilet Partitions (A)	09-08-2021	09-08-2021	2	5%	$2.62	$1,387		Replace toliet partitions at north restroom.
5922	Chalk/Tack/Whiteboards/Cabinets (	05-13-2015	05-09-2018	2	24%	$12.80	$32,536		Upgrade chemical storage cabinets.
8653	Fume Hoods (E)	09-08-2021	09-08-2021	2	100%	$4.85	$51,366		Replace and upgrade all worn out fume hoods (and exhaust fans - deficiency captured in ventilation).
8654	Walk-in Cooler (J)	09-08-2021	09-08-2021	2	50%	$4.40	$23,300		Walk in coolers original to the facility but still functioning.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 9/8/2021

Building: McCall Hall | **Gross Area:** 10,591 Sq Ft | **Report Renewal Cost:** $1,527,640

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $357.26 | **Deficiency Ratio:** 40.6%

Const. Date: 1952 | **Replacement Cost:** $3,761,339

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$271,884***	***$510,380***	
132	Heating (A)	05-11-2000	05-11-2000	2	5%	$21.97	$11,634		Replace misc. thermostats and control valves. (old)
133	Heating (A)	04-09-2003	05-09-2012	3	2%	$21.97	$4,654		INTERLOCK HEATING AND COOLING SYSTEMS TO PREVENT SIMULTANEOUS OPERATION.
140	Heating (A)	04-09-2003	05-09-2018	5	4%	$21.97	$9,307		INSULATE STEAM PIPING AT PERIMETER TUNNEL.
8645	Ventilating (B)	05-09-2018	09-08-2021	2	50%	$19.63	$103,951		Install ventilation make-up air unit to interior rooms and provide adequate make-up air to interior rooms and balance the system.
8655	Ventilating (B)	09-08-2021	09-08-2021	2	50%	$19.63	$103,951		Replace all fume hood exhaust fans.
7107	Cooling (C)	05-09-2018	05-09-2018	2	5%	$6.59	$3,490		Replace cooling system feeding walkin cooler.
8647	Cooling (C)	04-09-2003	09-08-2021	2	50%	$6.59	$34,897		Replace individual cooling units with a central cooling system - VAV (water cooled).
System: Plumbing System (8)						***Totals:***	***$808,608***	***$838,278***	
139	Fixtures (A)	04-09-1997	04-09-1997	2	4%	$16.42	$6,956		Replace existing safety showers and eye wash stations. (wearing out and not to code)
5924	Fixtures (A)	05-13-2015	05-13-2015	2	7%	$16.42	$12,173		Upgrade bathroom fixtures to ADA & insulate pipes below sink.
7102	Fixtures (A)	05-09-2018	05-09-2018	2	2%	$16.42	$3,478		Replace hose bibs on exterior. They are stripped.
8656	Fixtures (A)	09-08-2021	09-08-2021	2	70%	$16.42	$121,733		Replace worn-out fixtures.
5915	Supply Piping (B)	05-13-2015	05-09-2018	2	100%	$43.15	$457,002		Replace supply piping.
5917	Waste Piping (C)	05-13-2015	05-09-2018	2	100%	$19.57	$207,266		Replace waste piping.
System: Electrical System (9)						***Totals:***	***$15,267***	***$313,070***	
7103	Lighting (B)	05-09-2018	05-09-2018	5	15%	$9.61	$15,267		Upgrade lighting to LED throughout.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
- [x] *1*
- [x] *2*
- [x] *3*
- [x] *4*
- [x] *5*
- [x] *6*
- [ ] *7*

Site:	**MSU-Bozeman Main Campus**	**Area Correction:**	**1.21**	**Last Audit Date:**	**9/8/2021**
Building:	**McCall Hall**	**Gross Area:**	**10,591 Sq Ft**	**Report Renewal Cost:**	**$1,527,640**
Building Type/ Age Class:	**Teaching/Research Labs (4B)**	**Cost/Sq Ft:**	**$357.26**	**Deficiency Ratio:**	**40.6%**
Const. Date:	**1952**	**Replacement Cost:**	**$3,761,339**		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	***$28,913***	***$137,683***	
143	Exit/Emergency Lighting/Alarms (C	04-09-1997	09-08-2021	3	100%	$2.73	$28,913		Install fire suppression system.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 10/14/2020

Building: Melvin Graduate Arts Studio | **Gross Area:** 6,000 Sq Ft | **Report Renewal Cost:** $66,882

Building Type/ Age Class: Vocational Shops (6B) | **Cost/Sq Ft:** $260.70 | **Deficiency Ratio:** 4.3%

Const. Date: 1968 | **Replacement Cost:** $1,564,200

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$96***	***$112,680***	
8285	Exterior Steps/Retaining Walls (B)	10-14-2020	10-14-2020	2	1%	$1.60	$96		Remove rotting/falling wood from north foundation (old loading dock).
System: Envelope (2)						***Totals:***	***$19,365***	***$213,780***	
8284	Exterior Walls (A)	10-14-2020	10-14-2020	2	1%	$16.85	$1,011		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.
8276	Exterior Windows (B)	10-14-2020	10-14-2020	2	100%	$2.80	$16,800		Windows and screens need replacement.
8280	Exterior Doors/Hatches (C)	10-14-2020	10-14-2020	3	5%	$5.18	$1,554		Improve access control. Consider cat card installation at main entrance.
System: Roof System (4)						***Totals:***	***$16,800***	***$124,980***	
8292	Covering (B)	10-14-2020	10-14-2020	2	25%	$11.20	$16,800		Roof EUL. (Sheet metal roof with EUL of 70 years, installed in 2003).
System: Finishes (5)						***Totals:***	***$2,592***	***$148,980***	
8275	Interior Doors/Hardware/Windows (	10-14-2020	10-14-2020	2	5%	$0.99	$297		Replace gallery door latch (leading out to north side)/
8288	Wall Finishes (E)	10-14-2020	10-14-2020	2	5%	$7.65	$2,295		Repaint finishes as needed.
System: Plumbing System (8)						***Totals:***	***$15,636***	***$92,880***	
8290	Supply Piping (B)	10-14-2020	10-14-2020	2	20%	$4.88	$5,856		Supply EUL.
8291	Waste Piping (C)	10-14-2020	10-14-2020	2	20%	$8.15	$9,780		Waste EUL

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site:	**MSU-Bozeman Main Campus**	**Area Correction:**	**1.44**	**Last Audit Date:**	**10/14/2020**
Building:	**Melvin Graduate Arts Studio**	**Gross Area:**	**6,000 Sq Ft**	**Report Renewal Cost:**	**$66,882**
Building Type/ Age Class:	**Vocational Shops (6B)**	**Cost/Sq Ft:**	**$260.70**	**Deficiency Ratio:**	**4.3%**
Const. Date:	**1968**	**Replacement Cost:**	**$1,564,200**		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)					***Totals:***		***$6,174***	***$119,700***	
8279	Distribution (C)	10-14-2020	10-14-2020	2	10%	$10.29	$6,174		Some exterior outlets do not work (specifically west end of building). Additional outlets needed as well.
System: Safety System (11)					***Totals:***		***$6,219***	***$155,460***	
8282	Extinguishing System (B)	10-14-2020	10-14-2020	3	1%	$11.95	$717		Investigate addition of fire hydrant closer to facility (IFC 507.5.1)
8281	Exit/Emergency Lighting/Alarms (C	10-14-2020	10-14-2020	3	10%	$9.17	$5,502		Add / upgrade exiting signage. Ensure exit signage is visible when curtain separating west end of building is drawn.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Molecular Bioscience Building
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 2003

Area Correction: 1.08
Gross Area: 39,603 Sq Ft
Cost/Sq Ft: $320.99
Replacement Cost: $12,712,167

Last Audit Date: 3/9/2022
Report Renewal Cost: $2,188,932
Deficiency Ratio: 17.2%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$77,207***	***$1,248,683***	
8895	Exterior Walls (A)	03-09-2022	03-09-2022	2	15%	$11.41	$67,781		Holes in exterior stucco from birds.
8906	Exterior Windows (B)	03-09-2022	03-09-2022	2	5%	$4.76	$9,426		Repair damaged window treatment.
System: Roof System (4)						***Totals:***	***$291,082***	***$595,233***	
8896	Covering (B)	03-09-2022	03-09-2022	2	100%	$7.35	$291,082		EUL and experiencing leaks.
System: Finishes (5)						***Totals:***	***$368,249***	***$2,493,405***	
8900	Interior Wall Systems (A)	03-09-2022	03-09-2022	2	15%	$23.63	$140,373		Missing/damaged sheet rock.
8899	Ceilings (B)	03-09-2022	03-09-2022	2	15%	$13.32	$79,127		Missing/damaged/dirty ceiling tiles.
8901	Interior Doors/Hardware/Windows (	03-09-2022	03-09-2022	2	5%	$2.94	$5,822		Investigate recore of locks.
8902	Interior Doors/Hardware/Windows (	03-09-2022	03-09-2022	2	5%	$2.94	$5,822		Replace smoke seals and enclosures.
8898	Floor Finishes (D)	03-09-2022	03-09-2022	2	15%	$11.35	$67,424		Floor finishes damaged / worn out. Carpet in the worst condition.
8897	Wall Finishes (E)	03-09-2022	03-09-2022	2	15%	$11.73	$69,681		Wall finishes damaged/worn-out.
System: Specialties (6)						***Totals:***	***$164,411***	***$904,136***	
8903	Signage/Directories (B)	03-09-2022	03-09-2022	3	100%	$0.80	$31,682		Upgrade building signage.
8891	Chalk/Tack/Whiteboards/Cabinets (	03-09-2022	03-09-2022	2	10%	$11.43	$45,266		Lab cabinets delaminating.
8892	Chalk/Tack/Whiteboards/Cabinets (	03-09-2022	03-09-2022	3	10%	$11.43	$45,266		Chem tops are not campus standard.
8904	Fume Hoods (E)	03-09-2022	03-09-2022	3	20%	$4.81	$38,098		Replace fumehoods on 2nd floor.
8905	Walk-in Cooler (J)	03-09-2022	03-09-2022	2	5%	$2.07	$4,099		Mold in #205 walk in cooler.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Molecular Bioscience Building
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 2003

Area Correction: 1.08
Gross Area: 39,603 Sq Ft
Cost/Sq Ft: $320.99
Replacement Cost: $12,712,167

Last Audit Date: 3/9/2022
Report Renewal Cost: $2,188,932
Deficiency Ratio: 17.2%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$839,560***	***$2,828,050***	
8907	Fixtures (A)	03-09-2022	03-09-2022	2	25%	$15.43	$152,769		Repair worn out fixture (mostly in labs).
8908	Fixtures (A)	03-09-2022	03-09-2022	3	75%	$15.43	$458,306		All lab fixtures not up to code.
8909	Supply Piping (B)	03-09-2022	03-09-2022	3	5%	$38.52	$76,275		Supply piping is undersized for amount of space. Pending use.
8910	Waste Piping (C)	03-09-2022	03-09-2022	2	2%	$17.47	$13,837		Repair worn out floor drain in mech lab drains, depending on use.
8922	Waste Piping (C)	03-09-2022	03-09-2022	3	20%	$17.47	$138,373		No indusrial waste.
System: Electrical System (9)						***Totals:***	***$156,154***	***$1,147,299***	
8916	Building Service (A)	03-09-2022	03-09-2022	3	5%	$3.07	$6,079		Generator (diesel) needs 10ft above grade normal vent on primary, emergency vent on primary and secondary, and needs overfill alarm.
8888	Lighting (B)	03-09-2022	03-09-2022	5	15%	$9.53	$56,612		Upgrade lighting to LED.
8890	Voice/Data (D)	03-09-2022	03-09-2022	3	50%	$4.72	$93,463		Upgrade UIT data to campus standard.
System: Conveying (10)						***Totals:***	***$12,534***	***$250,687***	
8893	Elevator/Lift (A)	03-09-2022	03-09-2022	3	5%	$6.33	$12,534		No active state permit and phone is not up to campus standard.
System: Safety System (11)						***Totals:***	***$279,735***	***$459,395***	
8915	Egress (A)	03-09-2022	03-09-2022	2	90%	$3.59	$127,957		Replace exit signs and emergency lighting (not functioning).
8913	Extinguishing System (B)	03-09-2022	03-09-2022	2	25%	$5.57	$55,147		Lack of maintenance to fire suppression system. Upgrades will be needed.
8914	Exit/Emergency Lighting/Alarms (C	03-09-2022	03-09-2022	2	100%	$2.44	$96,631		Upgrade fire alarm system. Programming on floppy disk.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Area Correction: 1.08
Last Audit Date: 2/6/2020
Building: Montana Hall
Gross Area: 39,655 Sq Ft
Report Renewal Cost: $1,582,893
Building Type/ Age Class: General Classroom/Office (3A)
Cost/Sq Ft: $261.32
Deficiency Ratio: 15.3%
Const. Date: 1896
Replacement Cost: $10,362,645

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$16,588***	***$903,341***	
5351	Exterior Walls (A)	01-15-2014	01-15-2014	2	1%	$6.18	$2,451		Repoint stone/grout near base of building (chunks of stone missing).
6391	Exterior Windows (B)	02-08-2017	02-08-2017	2	5%	$7.13	$14,137		Investigate and replace windows (difficult to open)
System: Floor System (3)						***Totals:***	***$119,917***	***$1,116,685***	
574	Floor Structure (A)	12-11-2001	12-12-2007	2	10%	$21.60	$85,655		REPAIR/REPLACE MISCELLANEOUS SUB-FLOOR.
1592	Floor Structure (A)	12-08-2004	02-09-2011	3	2%	$21.60	$17,131		ELIMINATE FLOOR HEIGHT CHANGE AT DOORS AND HALLWAYS (3rd Floor).
6393	Floor Structure (A)	02-08-2017	02-08-2017	2	2%	$21.60	$17,131		Investigate floor sagging and file cabinets leaning (room 102)
System: Roof System (4)						***Totals:***	***$14,038***	***$350,154***	
576	Structure (A)	12-09-1992	12-09-1992	2	15%	$2.36	$14,038		DESIGN AND INSTALL STRUCTURAL ROOF BRACING. (ENGINEER REPORT)
System: Finishes (5)						***Totals:***	***$203,608***	***$2,353,524***	
6383	Ceilings (B)	02-08-2017	02-08-2017	2	5%	$14.65	$29,047		Replace damaged/ missing ceiling tiles
7927	Ceilings (B)	02-06-2020	02-06-2020	2	5%	$14.65	$29,047		Replace damaged/missing ceiling tiles as needed.
6384	Interior Doors/Hardware/Windows (	02-08-2017	02-08-2017	2	5%	$10.97	$21,751		Repair/replace misc. damaged doors
6385	Interior Doors/Hardware/Windows (	02-08-2017	02-08-2017	6	5%	$10.97	$21,751		Refinish interior doors and casings
6386	Floor Finishes (D)	02-08-2017	02-08-2017	2	15%	$8.38	$49,846		Repair/replace floor coverings
6387	Wall Finishes (E)	02-08-2017	02-08-2017	2	15%	$8.77	$52,166		Patch and Paint walls

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 2/6/2020

Building: Montana Hall | **Gross Area:** 39,655 Sq Ft | **Report Renewal Cost:** $1,582,893

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 15.3%

Const. Date: 1896 | **Replacement Cost:** $10,362,645

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$30,138***	***$601,963***	
583	Signage/Directories (B)	12-11-2001	02-09-2011	3	95%	$0.80	$30,138		INSTALL CAMPUS STANDARD SIGNS.
System: HVAC System (7)						***Totals:***	***$470,181***	***$1,069,495***	
5353	Heating (A)	01-15-2014	01-15-2014	2	15%	$11.77	$70,011		Replace heating controls. (AC controls are good, but they should also be considered for replacement if heating controls are replaced).
5354	Heating (A)	01-15-2014	01-15-2014	2	20%	$11.77	$93,348		Replace steam and condensate piping.
586	Ventilating (B)	12-09-1992	02-08-2017	3	50%	$1.47	$29,146		Provide ventilation system to 2nd floor hallways, 1st floor, basement and sub-basement to meet code for interior spaces.
587	Cooling (C)	12-11-2001	02-06-2020	2	10%	$13.73	$54,446		Replace worn out A/C units (Pres conference room and second floor).
3503	Cooling (C)	12-12-2007	12-12-2007	5	40%	$13.73	$217,785		PROVIDE CLOSED LOOP WATER SYSTEM FOR COOLING HEAT PUMPS
7929	Cooling (C)	02-06-2020	02-06-2020	2	1%	$13.73	$5,445		AC units condensate pumps (4AC Units in room 9 currently drain into trash cans).
System: Plumbing System (8)						***Totals:***	***$505,502***	***$1,433,132***	
7925	Supply Piping (B)	02-06-2020	02-06-2020	2	20%	$19.09	$151,403		Install hot water circulation line (galvanized).
7931	Supply Piping (B)	02-06-2020	02-06-2020	2	30%	$19.09	$227,104		Replace supply piping (Partial done in 2019).
3504	Waste Piping (C)	12-12-2007	01-15-2014	3	5%	$9.15	$18,142		Install plumbing vent system to meet code.
7932	Waste Piping (C)	02-06-2020	02-06-2020	2	30%	$9.15	$108,853		Replace waste piping (partial done in 2019).

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 2/6/2020

Building: Montana Hall | **Gross Area:** 39,655 Sq Ft | **Report Renewal Cost:** $1,582,893

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 15.3%

Const. Date: 1896 | **Replacement Cost:** $10,362,645

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$95,866***	***$1,385,546***	
5359	Distribution (C)	01-15-2014	01-15-2014	2	15%	$11.01	$65,490		Replace conductors and conduit.
5361	Voice/Data (D)	01-15-2014	02-06-2020	2	10%	$7.66	$30,376		Identify interference
System: Safety System (11)						***Totals:***	***$127,055***	***$593,635***	
7923	Exit/Emergency Lighting/Alarms (C	02-06-2020	02-06-2020	3	60%	$5.34	$127,055		Upgrade fire alarm system. PPA 19-0165

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.94 | **Last Audit Date:** 7/2/2021

Building: MOR & Collections (2017) | **Gross Area:** 123,803 Sq Ft | **Report Renewal Cost:** $3,594,980

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $244.05 | **Deficiency Ratio:** 11.9%

Const. Date: 1987 | **Replacement Cost:** $30,214,122

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$178,499***	***$631,395***	
2680	Footings/Foundation Walls (A)	12-14-2005	01-14-2009	2	10%	$4.06	$50,264		Install waterproofing at foundation.
8588	Footings/Foundation Walls (A)	12-11-2002	06-15-2021	2	25%	$4.06	$125,660		Repair various foundation leaks that occur mostly around the courtyard.
3680	Exterior Steps/Retaining Walls (B)	01-14-2009	01-14-2009	3	2%	$1.04	$2,575		Add railing to front walkway.
System: Envelope (2)						***Totals:***	***$102,250***	***$2,476,060***	
955	Exterior Walls (A)	12-11-2002	12-11-2002	2	1%	$5.38	$6,661		Recaulk exterior walls and repair various flashing.
8596	Exterior Walls (A)	06-09-2021	06-09-2021	2	1%	$5.38	$6,661		Refinish wood at staff entry.
8597	Exterior Walls (A)	06-09-2021	06-09-2021	2	1%	$5.38	$6,661		Repair exterior stucco - there are holes from birds.
8606	Exterior Walls (A)	07-02-2021	07-02-2021	2	5%	$5.38	$33,303		The brick on the west side above the lower roof line needs to be repaired/repointed.
8607	Exterior Walls (A)	07-02-2021	07-02-2021	2	1%	$5.38	$6,661		Repair cracks in stucco esterior wall.
956	Exterior Windows (B)	12-11-2002	12-11-2002	2	2%	$7.31	$18,100		Replace various doublepane windows. Seals have failed.
957	Exterior Doors/Hatches (C)	12-11-2002	06-15-2021	2	10%	$1.15	$14,237		Replace exterior door sweeps (Pests and water are entering the building through old worn door sweeps).
7037	Exterior Doors/Hatches (C)	01-10-2018	01-10-2018	2	5%	$1.15	$7,119		Replace courtyard doors with doors that are better insulated (3 doubles).
7045	Exterior Doors/Hatches (C)	01-10-2018	01-10-2018	2	2%	$1.15	$2,847		Investigate water leaking under garage door west loading dock.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Area Correction: 0.94
Last Audit Date: 7/2/2021
Building: MOR & Collections (2017)
Gross Area: 123,803 Sq Ft
Report Renewal Cost: $3,594,980
Building Type/ Age Class: General Classroom/Office (3C)
Cost/Sq Ft: $244.05
Deficiency Ratio: 11.9%
Const. Date: 1987
Replacement Cost: $30,214,122

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)						***Totals:***	***$177,595***	***$888,906***	
8605	Structure (A)	07-02-2021	07-02-2021	2	5%	$2.05	$12,690		Replace roof at staff entry. It is constructed of wood and is deteriorating and should be rebuilt with a composite material.
8599	Covering (B)	06-09-2021	06-09-2021	2	10%	$3.33	$41,226		Investigate several leaks in roof (Room 214, 212, 213, and 215).
8600	Covering (B)	06-09-2021	06-09-2021	2	30%	$3.33	$123,679		Roof EUL (EPDM installed in 2015, PPA 12-0094, ~20-30 year lifespan).
System: Finishes (5)						***Totals:***	***$485,308***	***$5,921,497***	
960	Interior Wall Systems (A)	12-11-2002	06-15-2021	2	10%	$13.11	$162,306		Recaulk expansion joints in basement CMU walls.
7043	Ceilings (B)	01-10-2018	06-15-2021	2	2%	$11.59	$28,698		Monitor leaks in history hall and hall of horns.
8590	Ceilings (B)	12-09-1993	06-15-2021	2	10%	$11.59	$143,488		Replace Damaged/Dirty ceiling tile.
8592	Floor Finishes (D)	12-11-2002	06-15-2021	2	10%	$6.63	$82,081		Replace carpet in various areas: Back Gallery (rm. 212), Stairs (rm. 388)
2681	Wall Finishes (E)	12-14-2005	01-14-2015	2	8%	$6.94	$68,735		Patch and paint interior walls as needed.
System: Specialties (6)						***Totals:***	***$81,586***	***$1,714,672***	
8598	Toilet Partitions (A)	06-09-2021	06-09-2021	2	5%	$2.14	$13,247		Replace humidifies on heat pump 12, serving room 214; and heat pump 39 and 40, serving room 213 and basement.
4641	Signage/Directories (B)	01-11-2012	01-11-2012	3	70%	$0.69	$59,797		Upgrade building to MSU standard signage (except on bathrooms).
4642	Signage/Directories (B)	01-11-2012	01-11-2012	3	10%	$0.69	$8,542		Upgrade ADA elevator numbering on vestibule or on metal jambs.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Area Correction: 0.94
Last Audit Date: 7/2/2021
Building: MOR & Collections (2017)
Gross Area: 123,803 Sq Ft
Report Renewal Cost: $3,594,980
Building Type/ Age Class: General Classroom/Office (3C)
Cost/Sq Ft: $244.05
Deficiency Ratio: 11.9%
Const. Date: 1987
Replacement Cost: $30,214,122

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$1,327,194***	***$4,226,634***	
4644	Heating (A)	01-11-2012	01-14-2015	2	10%	$17.07	$211,332		Replace outdated control system. (can't get parts)
5636	Heating (A)	01-14-2015	01-14-2015	2	21%	$17.07	$443,797		Replace heat pumps (beyond normal life).
5638	Heating (A)	01-14-2015	01-14-2015	2	7%	$17.07	$147,932		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.)
5640	Heating (A)	01-14-2015	01-14-2015	2	2%	$17.07	$42,266		Replace leaking groove locks.
3685	Ventilating (B)	01-14-2009	01-10-2018	3	1%	$5.12	$6,339		Investigate ventilation requirements for room 105, and 109 (electrical closet). High humidity.
7040	Ventilating (B)	01-10-2018	01-10-2018	4	5%	$5.12	$31,694		Install ventilation system to collect dust in paleo lab.
5644	Cooling (C)	01-14-2015	01-14-2015	2	30%	$11.95	$443,834		Replace heat pumps.
System: Plumbing System (8)						***Totals:***	***$681,164***	***$4,516,333***	
8594	Fixtures (A)	06-09-2021	06-09-2021	2	30%	$9.17	$340,582		Replace fixtures. Consider addition of ADA compliant bathroom fixtures for children.
8595	Fixtures (A)	06-09-2021	06-09-2021	2	30%	$9.17	$340,582		Replace flush valves.
System: Electrical System (9)						***Totals:***	***$254,786***	***$4,511,381***	
7039	Lighting (B)	01-10-2018	01-10-2018	5	15%	$9.80	$181,990		Upgrade lighting to LED throughout.
7042	Lighting (B)	01-10-2018	01-10-2018	4	1%	$9.80	$12,133		Replace track lighting in room 213.
8601	Lighting (B)	06-09-2021	06-09-2021	2	5%	$9.80	$60,663		Upgrade emergency lighting to LED, current emergency lighting is old and needs upgrade.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site:	MSU-Bozeman Main Campus	**Area Correction:**	0.94	**Last Audit Date:**	7/2/2021
Building:	MOR & Collections (2017)	**Gross Area:**	123,803 Sq Ft	**Report Renewal Cost:**	$3,594,980
Building Type/ Age Class:	General Classroom/Office (3C)	**Cost/Sq Ft:**	$244.05	**Deficiency Ratio:**	11.9%
Const. Date:	1987	**Replacement Cost:**	$30,214,122		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)					***Totals:***		***$306,598***	***$1,613,153***	
962	Egress (A)	12-11-2002	01-14-2015	3	5%	$3.13	$19,375		Upgrade climbable railing to meet code by installing lexan panels.
8603	Exit/Emergency Lighting/Alarms (C	06-09-2021	06-09-2021	3	50%	$4.64	$287,223		Upgrade conventional smoke detectors with intelligent.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Area Correction: 0.94
Last Audit Date: 11/10/2021
Building: Norm Asbjornson Hall
Gross Area: 116,709 Sq Ft
Report Renewal Cost: $178,671
Building Type/ Age Class: Teaching/Research Labs (4C)
Cost/Sq Ft: $279.38
Deficiency Ratio: 0.6%
Const. Date: 2018
Replacement Cost: $31,053,646

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$34,767***	***$3,202,495***	
8687	Exterior Walls (A)	11-10-2021	11-10-2021	2	1%	$9.93	$11,589		Damaged exterior panels on bridge.
8688	Exterior Walls (A)	11-10-2021	11-10-2021	2	1%	$9.93	$11,589		Damaged exterior wall by generator.
8689	Exterior Walls (A)	11-10-2021	11-10-2021	2	1%	$9.93	$11,589		Monitor exterior metal angle panels. One has come loose.
System: Floor System (3)						***Totals:***	***$12,103***	***$1,876,681***	
8691	Floor Structure (A)	11-10-2021	11-10-2021	2	1%	$10.37	$12,103		Monitor cracking slab on first floor.
System: Finishes (5)						***Totals:***	***$99,169***	***$6,395,653***	
8682	Interior Wall Systems (A)	11-10-2021	11-10-2021	2	1%	$20.57	$24,007		Monitor floor finishes in Inspiration Hall. Wood is shrinking.
8681	Interior Doors/Hardware/Windows (	11-10-2021	11-10-2021	2	1%	$2.56	$2,988		Monitor condition of handrail on center staircase. Breaks frequently.
8692	Interior Doors/Hardware/Windows (	11-10-2021	11-10-2021	2	1%	$2.56	$2,988		Paint interior walls as needed.
8683	Floor Finishes (D)	11-10-2021	11-10-2021	2	1%	$9.88	$11,531		Monitor wood paneled wall finishes. Wood is shrinking.
8693	Floor Finishes (D)	11-10-2021	11-10-2021	2	1%	$9.88	$11,531		Monitor condition of bleachers due to high use.
8694	Floor Finishes (D)	11-10-2021	11-10-2021	2	1%	$9.88	$11,531		Replace carpet / refinish floors as needed.
8696	Floor Finishes (D)	11-10-2021	11-10-2021	2	3%	$9.88	$34,593		Refinish all wood stairs. Wood cracking.
System: Specialties (6)						***Totals:***	***$1,284***	***$2,319,008***	
8695	Fixed Seating/Risers (C)	11-10-2021	11-10-2021	2	1%	$1.10	$1,284		Monitor condition of bleachers due to high use.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.94 | **Last Audit Date:** 11/10/2021

Building: Norm Asbjornson Hall | **Gross Area:** 116,709 Sq Ft | **Report Renewal Cost:** $178,671

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $279.38 | **Deficiency Ratio:** 0.6%

Const. Date: 2018 | **Replacement Cost:** $31,053,646

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$31,348***	***$7,254,631***	
8685	Fixtures (A)	11-10-2021	11-10-2021	3	1%	$13.43	$15,674		Clima-cool does not come up to temp. Correctly and frequently trips out.
8686	Fixtures (A)	11-10-2021	11-10-2021	2	1%	$13.43	$15,674		Monitor low comsumption toilets and faucets. Not rinsing properly.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site:	MSU-Bozeman Main Campus	**Area Correction:**	0.93	**Last Audit Date:**	7/9/2018
Building:	Parking Structure	**Gross Area:**	185,601 Sq Ft	**Report Renewal Cost:**	$13,734
Building Type/ Age Class:	Parking Facilities (16C)	**Cost/Sq Ft:**	$73.23	**Deficiency Ratio:**	0.1%
Const. Date:	2017	**Replacement Cost:**	$13,327,860		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Conveying (10)					***Totals:***		***$13,734***	***$686,724***	
7118	Elevator/Lift (A)	06-26-2018	06-26-2018	2	1%	$3.70	$6,867		PLACEHOLDER FOR REPORT. DELETE AFTER RECORDING FIRST DEFICIENCY.
7149	Elevator/Lift (A)	07-09-2018	07-09-2018	2	1%	$3.70	$6,867		PLACE HOLDER - DELETE WHEN REPORT IS ACTIVE

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Plant BioScience Building
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 1999

Area Correction: 0.98
Gross Area: 50,864 Sq Ft
Cost/Sq Ft: $291.27
Replacement Cost: $16,004,704

Last Audit Date: 4/13/2022
Report Renewal Cost: $1,179,487
Deficiency Ratio: 7.4%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$7,050***	***$407,929***	
7457	Footings/Foundation Walls (A)	10-10-2018	10-10-2018	2	2%	$6.93	$7,050		Monitor settling cracks.
System: Envelope (2)						***Totals:***	***$6,343***	***$1,455,219***	
7461	Exterior Windows (B)	10-10-2018	10-10-2018	2	2%	$4.32	$4,395		Replace window treatment
4216	Exterior Doors/Hatches (C)	08-12-2009	09-09-2015	2	1%	$3.83	$1,948		Monitor water infiltratrion near penthouse door.
System: Roof System (4)						***Totals:***	***$339,263***	***$693,276***	
8943	Covering (B)	04-13-2022	04-13-2022	2	100%	$6.67	$339,263		Roof at end of expected useful life. Recent / recurring leaks above north side of pent house and above vending machine on first floor.
System: Finishes (5)						***Totals:***	***$58,148***	***$2,905,860***	
4221	Floor Finishes (D)	08-12-2009	10-10-2018	2	5%	$10.30	$26,195		Repair/ replace green floor tile that is loose on the 2nd and 3rd floor corridors.
8937	Floor Finishes (D)	10-10-2018	04-13-2022	2	3%	$10.30	$15,717		Replace floor finishes as needed.
8939	Wall Finishes (E)	08-09-2006	04-13-2022	2	3%	$10.64	$16,236		Paint as needed.
System: Plumbing System (8)						***Totals:***	***$580,867***	***$3,295,987***	
8946	Supply Piping (B)	04-13-2022	04-13-2022	2	10%	$34.95	$177,770		Supply EUL. No known leaks.
8945	Waste Piping (C)	04-13-2022	04-13-2022	2	50%	$15.85	$403,097		Waste EUL. Some leaks/rusting. Cast iron pipe in mechanical room worn out.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
1 2 3 4 5 6 7

Site:	**MSU-Bozeman Main Campus**	**Area Correction:**	**0.98**	**Last Audit Date:**	**4/13/2022**
Building:	**Plant BioScience Building**	**Gross Area:**	**50,864 Sq Ft**	**Report Renewal Cost:**	**$1,179,487**
Building Type/ Age Class:	**Teaching/Research Labs (4C)**	**Cost/Sq Ft:**	**$291.27**	**Deficiency Ratio:**	**7.4%**
Const. Date:	**1999**	**Replacement Cost:**	**$16,004,704**		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$21,999***	***$1,337,215***	
8941	Lighting (B)	10-10-2018	04-13-2022	5	5%	$8.65	$21,999		Updating lighting controls
System: Safety System (11)						***Totals:***	***$165,817***	***$535,598***	
8948	Egress (A)	04-13-2022	04-13-2022	2	100%	$3.26	$165,817		Replace fire alarm system at end of EUL. Cannot replace current panels.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Plant Growth Center
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 1986

Area Correction: 0.98
Gross Area: 68,108 Sq Ft
Cost/Sq Ft: $291.27
Replacement Cost: $19,670,337

Last Audit Date: 12/8/2021
Report Renewal Cost: $1,911,751
Deficiency Ratio: 9.7%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$47,198***	***$546,226***	
7352	Footings/Foundation Walls (A)	09-12-2018	09-12-2018	2	5%	$6.93	$23,599		Monitor foundation cracks and water infiltration.
7354	Footings/Foundation Walls (A)	09-12-2018	09-12-2018	2	5%	$6.93	$23,599		Fome panels at east-side foundation of greenhouse exposed.
System: Envelope (2)						***Totals:***	***$287,491***	***$1,948,570***	
2884	Exterior Walls (A)	07-12-2006	08-12-2015	2	5%	$10.35	$35,246		Replace curtain wall glazing where seals have failed.
7356	Exterior Walls (A)	09-12-2018	12-08-2021	2	5%	$10.35	$35,246		Replace garage door.
7357	Exterior Walls (A)	09-12-2018	09-12-2018	2	5%	$10.35	$35,246		Efflorescence on brick.
6202	Exterior Windows (B)	08-12-2015	12-08-2021	2	60%	$4.32	$176,536		Replace glass (seals failed).
2885	Exterior Doors/Hatches (C)	07-12-2006	07-12-2006	2	2%	$3.83	$5,217		Repaint exterior hollow metal doors.
System: Roof System (4)						***Totals:***	***$174,697***	***$928,312***	
7355	Covering (B)	09-12-2018	12-08-2021	2	25%	$6.67	$113,570		Ballasted roof approaching EUL, with few known leaks. (Last replacement: PPA 09-0084)
8704	Insulation (C)	12-08-2021	12-08-2021	2	25%	$3.59	$61,127		Ballasted roof approaching EUL, with few known leaks. (Last replacement: PPA 09-0084)
System: Finishes (5)						***Totals:***	***$119,958***	***$3,891,010***	
8700	Ceilings (B)	07-08-2009	12-08-2021	2	10%	$12.09	$82,343		Replace ceiling tiles as needed. (2nd floor hallway, classrooms, besides new)
8710	Interior Doors/Hardware/Windows (	12-08-2021	12-08-2021	2	5%	$2.67	$9,092		Green house 150, replace mechanical shade.
8705	Floor Finishes (D)	12-08-2021	12-08-2021	2	2%	$10.30	$14,030		Refinish flooring as needed.
8702	Wall Finishes (E)	07-12-2006	12-08-2021	2	2%	$10.64	$14,493		Repaint interior walls as needed.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 12/8/2021
Building: Plant Growth Center | **Gross Area:** 68,108 Sq Ft | **Report Renewal Cost:** $1,911,751
Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $291.27 | **Deficiency Ratio:** 9.7%
Const. Date: 1986 | **Replacement Cost:** $19,670,337

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$889,492***	***$2,658,255***	
2889	Heating (A)	07-12-2006	09-12-2018	2	30%	$17.80	$363,697		Replace greenhouse H&V units.
7349	Heating (A)	09-12-2018	09-12-2018	2	4%	$17.80	$48,493		Replace pneumatic actuators.
2890	Ventilating (B)	07-12-2006	08-12-2015	2	34%	$15.90	$368,192		Replace H&V units.
8706	Cooling (C)	12-08-2021	12-08-2021	2	15%	$5.34	$54,555		Replace cooling tower #2.
8708	Cooling (C)	12-08-2021	12-08-2021	2	15%	$5.34	$54,555		Replace evaporative cooling in greenhouse.
System: Plumbing System (8)						***Totals:***	***$143,027***	***$4,413,398***	
8707	Fixtures (A)	12-08-2021	12-08-2021	2	15%	$14.00	$143,027		Replace water heater (EUL).
System: Electrical System (9)						***Totals:***	***$227,310***	***$1,790,559***	
4210	Lighting (B)	07-08-2009	09-12-2018	5	15%	$8.65	$88,370		Upgrade Greenhouse lighting fixtures to energy efficient lighting.
8709	Lighting (B)	12-08-2021	12-08-2021	5	15%	$8.65	$88,370		Upgrade general lighting to LED.
7345	Distribution (C)	09-12-2018	09-12-2018	3	5%	$10.57	$35,995		Upgrade GFCI outlets.
6209	Voice/Data (D)	08-12-2015	08-12-2015	2	5%	$4.28	$14,575		Replace cables.
System: Safety System (11)						***Totals:***	***$22,578***	***$717,177***	
4211	Exit/Emergency Lighting/Alarms (C	07-08-2009	09-12-2018	2	15%	$2.21	$22,578		Upgrade fire alarm system and controls.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Plew Building
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1952

Area Correction: 1.21
Gross Area: 18,086 Sq Ft
Cost/Sq Ft: $309.54
Replacement Cost: $5,598,521

Last Audit Date: 12/9/2020
Report Renewal Cost: $938,441
Deficiency Ratio: 16.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$141,784***	***$465,534***	
2294	Exterior Walls (A)	09-14-2005	09-10-2008	2	1%	$6.92	$1,252		Clean/repair exterior brick and mortar.
5583	Exterior Walls (A)	10-08-2014	10-08-2014	2	1%	$6.92	$1,252		Repair damaged siding on East wall of E waste.
401	Exterior Windows (B)	09-09-1999	10-12-2011	5	70%	$9.40	$119,006		Replace windows with energy efficient windows.
5585	Exterior Windows (B)	10-08-2014	10-11-2017	2	3%	$9.40	$5,100		Clean & repoint window sills.
5586	Exterior Windows (B)	10-08-2014	12-09-2020	2	1%	$9.40	$1,700		Replace fabric awnings.
2293	Exterior Doors/Hatches (C)	09-14-2005	09-14-2005	5	50%	$1.49	$13,474		Replace overhead doors with energy efficient doors.
System: Roof System (4)						***Totals:***	***$38,794***	***$167,296***	
8366	Covering (B)	12-09-2020	12-09-2020	2	50%	$4.29	$38,794		Roof expected useful life: 2010 installation of elastromeric coating w/20 year warranty.
System: Finishes (5)						***Totals:***	***$40,724***	***$1,113,374***	
5588	Ceilings (B)	10-08-2014	10-08-2014	2	1%	$14.92	$2,698		Replace ceiling tile as nessecary.
8358	Interior Doors/Hardware/Windows (	12-09-2020	12-09-2020	3	10%	$12.29	$22,228		Upgrade all door knobs/hardware to campus standard (lever handles).
8361	Floor Finishes (D)	12-09-2020	12-09-2020	2	5%	$8.53	$7,714		Refinish/replace floor finishes as needed.
8362	Wall Finishes (E)	12-09-2020	12-09-2020	2	5%	$8.94	$8,084		Repaint as needed.
System: Specialties (6)						***Totals:***	***$83,666***	***$319,941***	
8367	Toilet Partitions (A)	12-09-2020	12-09-2020	2	30%	$2.62	$14,216		Upgrade women's toilet partitions.
8369	Chalk/Tack/Whiteboards/Cabinets (	12-09-2020	12-09-2020	2	30%	$12.80	$69,450		Upgrade cabinets throughout (bathrooms and kitchen).

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 12/9/2020

Building: Plew Building | **Gross Area:** 18,086 Sq Ft | **Report Renewal Cost:** $938,441

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $309.54 | **Deficiency Ratio:** 16.8%

Const. Date: 1952 | **Replacement Cost:** $5,598,521

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$95,367***	***$794,699***	
5590	Ventilating (B)	10-08-2014	10-11-2017	3	10%	$6.59	$11,919		Install mechanical ventilation in women's bathroom.
5591	Cooling (C)	10-08-2014	10-08-2014	2	15%	$15.38	$41,724		Replace 2 heat pumps (IT server room and IT area).
5592	Cooling (C)	10-08-2014	10-08-2014	4	15%	$15.38	$41,724		Replace evaporative coolers (aka swamp coolers) on second floor.
System: Plumbing System (8)						***Totals:***	***$317,952***	***$838,648***	
8356	Supply Piping (B)	12-09-2020	12-09-2020	2	20%	$23.77	$85,981		Update supply piping in women's restroom.
8363	Supply Piping (B)	12-09-2020	12-09-2020	2	30%	$23.77	$128,971		Supply piping expected useful life.
8364	Waste Piping (C)	12-09-2020	12-09-2020	2	50%	$11.39	$103,000		Waste piping expected useful life.
System: Electrical System (9)						***Totals:***	***$20,546***	***$778,241***	
6982	Lighting (B)	10-11-2017	10-11-2017	5	10%	$11.36	$20,546		Upgrade lighting to LED throughout.
System: Safety System (11)						***Totals:***	***$199,608***	***$303,483***	
3626	Egress (A)	09-10-2008	09-10-2008	3	2%	$4.03	$1,458		Investigate egress code requirements.
8373	Extinguishing System (B)	12-09-2020	12-09-2020	3	100%	$6.77	$122,442		Install fire suppression system throughout building.
936	Exit/Emergency Lighting/Alarms (C	09-11-2002	12-09-2020	3	60%	$5.98	$64,893		Install fire alarm systems throughout building.
5598	Exit/Emergency Lighting/Alarms (C	09-11-2002	10-12-2011	3	10%	$5.98	$10,815		Install emergency lights.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
- [x] *1*
- [x] *2*
- [x] *3*
- [x] *4*
- [x] *5*
- [x] *6*
- [ ] *7*

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 8/22/2018

Building: Records Management Facility | **Gross Area:** 6,057 Sq Ft | **Report Renewal Cost:** $14,017

Building Type/ Age Class: Warehouse/Storage Facilities (8C) | **Cost/Sq Ft:** $171.82 | **Deficiency Ratio:** 1.3%

Const. Date: 1996 | **Replacement Cost:** $1,040,774

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$563***	***$65,961***	
7218	Footings/Foundation Walls (A)	08-22-2018	08-22-2018	2	1%	$9.30	$563		Monitor foundation cracks.
System: Roof System (4)						***Totals:***	***$595***	***$119,929***	
7219	Covering (B)	08-22-2018	08-22-2018	2	1%	$9.82	$595		Monitor roof leaks.
System: Finishes (5)						***Totals:***	***$106***	***$59,904***	
7216	Interior Wall Systems (A)	08-22-2018	08-22-2018	2	1%	$1.75	$106		Repaint interior walls as needed.
System: Specialties (6)						***Totals:***	***$6,420***	***$7,632***	
7398	Signage/Directories (B)	08-22-2018	08-22-2018	3	100%	$1.06	$6,420		Install compliant building signage throughout.
System: Electrical System (9)						***Totals:***	***$6,333***	***$102,363***	
7217	Lighting (B)	08-22-2018	08-22-2018	5	15%	$6.97	$6,333		Upgrade lighting to LED throughout.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 6/8/2022

Building: Reid Hall | **Gross Area:** 90,982 Sq Ft | **Report Renewal Cost:** $6,766,342

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $245.59 | **Deficiency Ratio:** 29.5%

Const. Date: 1959 | **Replacement Cost:** $22,905,147

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$23,564***	***$474,016***	
6088	Footings/Foundation Walls (A)	11-18-2015	11-18-2015	2	1%	$4.14	$3,767		Replace flashing at North entrance.
9179	Footings/Foundation Walls (A)	06-08-2022	06-08-2022	2	5%	$4.14	$18,833		Monitor effloresence on masonry.
9177	Exterior Steps/Retaining Walls (B)	06-08-2022	06-08-2022	2	1%	$1.06	$964		Monitor spalling concrete at west entrance.
System: Envelope (2)						***Totals:***	***$557,966***	***$1,857,852***	
157	Exterior Walls (A)	11-08-2000	11-08-2000	2	1%	$5.49	$4,995		Regrout stone facing on columns as needed.
4268	Exterior Walls (A)	11-18-2009	11-18-2009	2	2%	$5.49	$9,990		Repair Cracks at Soffits. (@ E & S sides of building)
9171	Exterior Windows (B)	11-08-2000	06-08-2022	2	80%	$7.46	$542,981		Replace with energy efficient windows.
System: Roof System (4)						***Totals:***	***$309,339***	***$666,898***	
9186	Covering (B)	06-08-2022	06-08-2022	2	100%	$3.40	$309,339		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.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 6/8/2022

Building: Reid Hall | **Gross Area:** 90,982 Sq Ft | **Report Renewal Cost:** $6,766,342

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $245.59 | **Deficiency Ratio:** 29.5%

Const. Date: 1959 | **Replacement Cost:** $22,905,147

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$302,623***	***$4,443,561***	
4269	Interior Wall Systems (A)	11-18-2009	11-18-2009	2	1%	$13.39	$12,182		Regrout around stone panels in gathering areas.
161	Ceilings (B)	11-08-2000	11-18-2015	2	5%	$11.84	$53,861		Repair / replace miscellaneous ceiling tiles as needed.
9180	Interior Doors/Hardware/Windows (	06-08-2022	06-08-2022	3	10%	$9.75	$88,707		Upgrade interior door hardware to campus standard.
9181	Interior Doors/Hardware/Windows (	06-08-2022	06-08-2022	2	1%	$9.75	$8,871		Replace restrooms' paper towell dispensers.
162	Floor Finishes (D)	11-08-2000	06-08-2022	2	10%	$6.77	$61,595		Repair / replace miscellaneous flooring.
1251	Wall Finishes (E)	11-08-2000	11-18-2015	2	10%	$7.09	$64,506		Patch and paint miscellaneous walls.
4272	Wall Finishes (E)	11-18-2009	11-18-2009	2	2%	$7.09	$12,901		Repair / replace cracked and broken wall tile in bathrooms.
System: Specialties (6)						***Totals:***	***$41,079***	***$1,277,387***	
4273	Toilet Partitions (A)	11-18-2009	06-08-2022	2	20%	$2.08	$37,849		Repair / replace.
6092	Signage/Directories (B)	12-13-2006	11-18-2009	3	5%	$0.71	$3,230		Install code compliant directories.
System: HVAC System (7)						***Totals:***	***$2,022,003***	***$3,171,633***	
6094	Heating (A)	11-18-2015	11-18-2015	2	10%	$17.43	$158,582		Upgrade HVAC controls.
6095	Heating (A)	11-18-2015	11-18-2015	2	4%	$17.43	$63,433		Replace heat pumps.
6096	Heating (A)	11-18-2015	11-18-2015	2	30%	$17.43	$475,745		Replace piping.
6097	Heating (A)	11-18-2015	11-18-2015	2	25%	$17.43	$396,454		Replace VAV boxes.
6098	Heating (A)	11-18-2015	11-18-2015	2	30%	$17.43	$475,745		Replace all air handling units.
2990	Ventilating (B)	12-13-2006	12-13-2006	5	20%	$5.23	$95,167		Modify HVAC unit #3 system to include return air.
4266	Ventilating (B)	11-18-2009	11-14-2012	5	20%	$5.23	$95,167		Update HVAC & building controls.
4711	Ventilating (B)	11-14-2012	11-14-2012	2	25%	$5.23	$118,959		Replace VAV boxes.
4714	Ventilating (B)	11-14-2012	11-14-2012	2	30%	$5.23	$142,751		Replace all air handling units.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 6/8/2022

Building: Reid Hall | **Gross Area:** 90,982 Sq Ft | **Report Renewal Cost:** $6,766,342

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $245.59 | **Deficiency Ratio:** 29.5%

Const. Date: 1959 | **Replacement Cost:** $22,905,147

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$1,384,400***	***$3,347,228***	
6099	Fixtures (A)	11-18-2015	12-12-2018	2	10%	$8.89	$80,883		Replace fixtures.
6101	Supply Piping (B)	11-18-2015	06-08-2022	2	50%	$18.86	$857,960		Replace piping (beyond EUL). There have been recent leaks .
6103	Supply Piping (B)	11-18-2015	11-18-2015	2	2%	$18.86	$34,318		Replace valves.
6105	Waste Piping (C)	11-18-2015	12-12-2018	2	50%	$9.04	$411,239		Replace piping (beyond life, but no known problems).
System: Electrical System (9)						***Totals:***	***$703,955***	***$3,106,125***	
9184	Lighting (B)	06-08-2022	06-08-2022	5	15%	$9.01	$122,962		Upgrade lighting to LED.
2991	Distribution (C)	12-13-2006	12-13-2006	2	33%	$11.01	$330,565		Upgrade main distribution panel motor control center.
2992	Distribution (C)	12-13-2006	06-08-2022	2	25%	$11.01	$250,428		Upgrade secondary distribution system. NO spare circuits.
System: Conveying (10)						***Totals:***	***$512,229***	***$512,229***	
2993	Elevator/Lift (A)	12-13-2006	06-08-2022	2	100%	$5.63	$512,229		Replace elevator with code compliant elevator.
System: Safety System (11)						***Totals:***	***$909,184***	***$1,210,970***	
165	Egress (A)	02-12-1992	02-12-1992	3	30%	$3.19	$87,070		Provide egress for the south end of third and fourth floors to meet UBC Egress requirements.
9175	Extinguishing System (B)	12-12-2018	06-08-2022	3	80%	$5.37	$390,859		Install fire supresssion system due to unenclosed stairs and dead-end corridors reuire sprinkled floors. This would address a multitude of code issues.
168	Exit/Emergency Lighting/Alarms (C	11-08-2000	06-08-2022	2	100%	$4.74	$431,255		Upgrade fire alarm system.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.93 | **Last Audit Date:** 5/12/2021

Building: Renne Library | **Gross Area:** 161,115 Sq Ft | **Report Renewal Cost:** $4,652,682

Building Type/ Age Class: Library (28A) | **Cost/Sq Ft:** $193.51 | **Deficiency Ratio:** 15.1%

Const. Date: 1949 | **Replacement Cost:** $30,747,771

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$109,526***	***$1,325,976***	
2328	Exterior Steps/Retaining Walls (B)	11-09-2005	05-12-2021	2	3%	$2.06	$9,957		Replace dock and Resurfaced tarmac, dock replacement scheduled for this summer (2021).
5613	Exterior Steps/Retaining Walls (B)	12-10-2014	12-10-2014	2	25%	$2.06	$82,974		Upgrade West entrance.
8569	Exterior Steps/Retaining Walls (B)	05-12-2021	05-12-2021	2	5%	$2.06	$16,595		Concrete stairs at staff entrance (NE corner of building facing SUB) are spalling.
System: Envelope (2)						***Totals:***	***$392,671***	***$7,354,900***	
885	Exterior Walls (A)	11-15-1993	11-12-2008	2	1%	$26.79	$43,163		Repoint 2 east canopies.
5615	Exterior Walls (A)	12-10-2014	12-10-2014	2	1%	$26.79	$43,163		Recaulk mortar.
5631	Exterior Walls (A)	11-20-2002	11-09-2005	2	5%	$26.79	$215,814		Regrout fascia and soffit.
8563	Exterior Walls (A)	11-20-2002	05-12-2021	2	1%	$26.79	$43,163		Regrout stone column and panel of stone adjacent to entry doors.
6957	Exterior Windows (B)	08-09-2017	05-12-2021	2	5%	$4.16	$33,512		Windows on East side losing sealant, investigate condensation building in special collections area.
8582	Exterior Doors/Hatches (C)	05-12-2021	05-12-2021	3	10%	$0.86	$13,856		Add automatic door locking mechanisms to improve safety during a harmful event.
System: Floor System (3)						***Totals:***	***$25,166***	***$4,337,216***	
5616	Stair Treads/Risers (B)	12-10-2014	12-10-2014	2	1%	$1.42	$2,288		Repair stair risers (from room 111 to 112).
8571	Stair Treads/Risers (B)	05-12-2021	05-12-2021	2	10%	$1.42	$22,878		Upgrade stair handrails (accessibility), railing wood caps are in poor condition and need to be refinished or replaced with upgrade.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Renne Library
Building Type/ Age Class: Library (28A)
Const. Date: 1949

Area Correction: 0.93
Gross Area: 161,115 Sq Ft
Cost/Sq Ft: $193.51
Replacement Cost: $30,747,771

Last Audit Date: 5/12/2021
Report Renewal Cost: $4,652,682
Deficiency Ratio: 15.1%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)						***Totals:***	***$163,371***	***$1,445,202***	
8581	Covering (B)	05-12-2021	05-12-2021	2	30%	$3.38	$163,371		Roof EUL (EPDM last replace in 2014, next replacement in approximately 20-30 years).
System: Finishes (5)						***Totals:***	***$443,710***	***$5,287,794***	
8572	Ceilings (B)	05-12-2021	05-12-2021	2	5%	$12.62	$101,664		Replace damage/worn-out ceiling tiels as needed.
8570	Interior Doors/Hardware/Windows (	05-12-2021	05-12-2021	3	10%	$3.34	$53,812		Upgrade door hardware to meet campus standards.
8576	Interior Doors/Hardware/Windows (	05-12-2021	05-12-2021	3	5%	$3.34	$26,906		Add automatic door openers (3rd floor restrooms, public restrooms, ASC reading room).
892	Floor Finishes (D)	11-20-2002	05-12-2021	2	20%	$6.89	$222,016		Replace floor covering throughout.
951	Wall Finishes (E)	11-20-2002	05-12-2021	2	20%	$1.22	$39,312		Repaint as necessary.
System: Specialties (6)						***Totals:***	***$23,926***	***$367,342***	
8565	Toilet Partitions (A)	11-18-1999	05-12-2021	2	5%	$1.59	$12,809		Replace toilet partitions.
4637	Signage/Directories (B)	12-14-2011	08-09-2017	2	10%	$0.69	$11,117		Update building info signage with ADA compliant signage.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.93 | **Last Audit Date:** 5/12/2021

Building: Renne Library | **Gross Area:** 161,115 Sq Ft | **Report Renewal Cost:** $4,652,682

Building Type/ Age Class: Library (28A) | **Cost/Sq Ft:** $193.51 | **Deficiency Ratio:** 15.1%

Const. Date: 1949 | **Replacement Cost:** $30,747,771

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$1,662,628***	***$3,958,596***	
2335	Heating (A)	11-09-2005	11-09-2005	2	2%	$10.72	$34,543		Replace steam/condensate piping.
3667	Heating (A)	11-12-2008	12-14-2011	2	10%	$10.72	$172,715		Replace heating coils on all H&V units
5621	Heating (A)	12-10-2014	12-10-2014	2	5%	$10.72	$86,358		Replace terminal unit controls.
6958	Heating (A)	08-09-2017	05-12-2021	2	20%	$10.72	$345,431		Replace AHV Units M2 1-4.
8567	Heating (A)	12-10-2014	05-12-2021	2	2%	$10.72	$34,543		Replace west condensate pump in mech room.
8575	Heating (A)	05-12-2021	05-12-2021	2	1%	$10.72	$17,272		Investigate heating controls in office spaces, review RLMP.
952	Ventilating (B)	11-20-2002	11-20-2002	3	1%	$1.34	$2,159		VENTILATE SMALL UNVENTILATED OFFICES IN BASEMENT.
4638	Ventilating (B)	12-14-2011	12-10-2014	2	8%	$1.34	$17,272		Replace terminal unit controls.
5624	Ventilating (B)	12-10-2014	08-09-2017	2	1%	$1.34	$2,159		Upgrade exhaust to basement toilet rooms (82, 83, 28, 31).
6959	Ventilating (B)	08-09-2017	05-12-2021	2	20%	$1.34	$43,179		Replace AHV units M2 1-4.
4639	Cooling (C)	12-14-2011	12-10-2014	2	25%	$12.51	$503,887		Repair / replace the cooling towers.
6960	Cooling (C)	08-09-2017	05-12-2021	2	20%	$12.51	$403,110		Replace AHV units M2 1-4.
System: Plumbing System (8)						***Totals:***	***$204,100***	***$1,350,144***	
8586	Fixtures (A)	05-12-2021	05-12-2021	2	40%	$2.32	$149,515		Replace worn out fixtures with low flow fixtures as needed.
4632	Supply Piping (B)	11-18-1999	05-12-2021	2	5%	$3.63	$29,242		Replace galvanized water piping.
8580	Supply Piping (B)	05-12-2021	05-12-2021	3	1%	$3.63	$5,848		Install pipe insulation below lavatories in common bathrooms.
5626	Waste Piping (C)	12-10-2014	12-10-2014	2	5%	$2.42	$19,495		Review / replace piping.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.93 | **Last Audit Date:** 5/12/2021

Building: Renne Library | **Gross Area:** 161,115 Sq Ft | **Report Renewal Cost:** $4,652,682

Building Type/ Age Class: Library (28A) | **Cost/Sq Ft:** $193.51 | **Deficiency Ratio:** 15.1%

Const. Date: 1949 | **Replacement Cost:** $30,747,771

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$785,114***	***$3,037,018***	
6964	Lighting (B)	08-09-2017	05-12-2021	5	40%	$6.74	$434,366		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.
8573	Lighting (B)	05-12-2021	05-12-2021	5	5%	$6.74	$54,296		Add occupancy sensors.
5627	Distribution (C)	12-10-2014	12-10-2014	2	10%	$8.24	$132,759		Replace obsolete service panels.
5628	Distribution (C)	12-10-2014	12-10-2014	2	10%	$8.24	$132,759		Replace obsolete / failing outlets.
6961	Voice/Data (D)	08-09-2017	08-09-2017	2	5%	$1.92	$15,467		Upgrade plug in busway service west side receptacles, inspection megar test shutdown, and isolate insulation of busway.
8583	Voice/Data (D)	05-12-2021	05-12-2021	3	5%	$1.92	$15,467		Add intercom system.
System: Safety System (11)						***Totals:***	***$842,470***	***$1,570,871***	
8574	Extinguishing System (B)	05-12-2021	05-12-2021	3	100%	$5.20	$837,798		Upgrade fire alarm system (Consider system that is equipped with an intercom/voice evacuation system to improve safety).
8578	Exit/Emergency Lighting/Alarms (C	05-12-2021	05-12-2021	3	2%	$1.45	$4,672		Add call-to-aid alarm in accessible toilet stalls.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 9/14/2022

Building: Roberts Hall | **Gross Area:** 76,057 Sq Ft | **Report Renewal Cost:** $4,166,653

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $232.28 | **Deficiency Ratio:** 28.1%

Const. Date: 1922 | **Replacement Cost:** $14,822,522

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$31,488***	***$476,877***	
6188	Footings/Foundation Walls (A)	03-09-2016	09-14-2022	2	10%	$4.14	$31,488		Investigate drainage from roof to South side of building (pipe is directing water onto sidewalk/and water on envelope).
System: Envelope (2)						***Totals:***	***$544,834***	***$1,540,154***	
673	Exterior Walls (A)	05-13-1992	03-09-2016	2	15%	$5.49	$62,633		Repoint brick sills on first level and misc other areas.
676	Exterior Windows (B)	04-11-2001	09-14-2022	2	100%	$6.34	$482,201		Replace windows.
System: Floor System (3)						***Totals:***	***$14,603***	***$1,903,707***	
9788	Floor Structure (A)	09-14-2022	09-14-2022	2	1%	$19.20	$14,603		Monitor crack in concrete floor structure under room 101.
System: Roof System (4)						***Totals:***	***$119,257***	***$597,047***	
9784	Covering (B)	09-14-2022	09-14-2022	2	40%	$3.92	$119,257		Copper and clay roof covering last replaced in 2001 with original tiles (PPA: 99-0096). Hail damage repair to clay tiles in 2010 (PPA:10-0199). No signs of leak.
System: Finishes (5)						***Totals:***	***$77,798***	***$4,012,007***	
9783	Ceilings (B)	09-14-2022	09-14-2022	2	2%	$13.02	$19,805		Replace ceiling tile as needed.
6190	Floor Finishes (D)	03-09-2016	03-09-2016	2	5%	$7.45	$28,331		Replace flooring as needed.
6191	Wall Finishes (E)	03-09-2016	03-09-2016	2	5%	$7.80	$29,662		Repaint as needed.
System: HVAC System (7)						***Totals:***	***$39,778***	***$1,823,086***	
4346	Heating (A)	04-14-2010	02-13-2019	2	5%	$10.46	$39,778		Replace condensate pump system.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 9/14/2022

Building: Roberts Hall | **Gross Area:** 76,057 Sq Ft | **Report Renewal Cost:** $4,166,653

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $232.28 | **Deficiency Ratio:** 28.1%

Const. Date: 1922 | **Replacement Cost:** $14,822,522

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$1,794,185***	***$2,443,711***	
9790	Fixtures (A)	09-14-2022	09-14-2022	5	50%	$7.02	$266,960		Replace toilets with water efficient type.
678	Supply Piping (B)	05-13-1992	09-14-2022	2	80%	$16.97	$1,032,550		Replace galvanized piping. (piping is original and past life, but still functioning/inside walls hasn't been replaced.
679	Waste Piping (C)	05-13-1992	02-19-2019	2	80%	$8.13	$494,675		Replace original waste piping. (piping is original and past life, but still functioning)
System: Electrical System (9)						***Totals:***	***$835,980***	***$2,362,330***	
7516	Lighting (B)	02-13-2019	02-13-2019	5	15%	$8.01	$91,382		Upgrade lighting to LED throughout.
4348	Distribution (C)	04-14-2010	09-14-2022	2	100%	$9.79	$744,598		Upgrade distribution sytem.(knob and tube wiring/Beyond useful life). Upgrade secondary electrical distribution.
System: Safety System (11)						***Totals:***	***$708,730***	***$1,012,319***	
3064	Egress (A)	04-11-2007	03-09-2016	3	100%	$3.19	$242,622		Upgrade egress to meet UBC Egress requirements.
3065	Extinguishing System (B)	04-11-2007	09-14-2022	3	100%	$5.37	$408,426		Add fire supression system.
1358	Exit/Emergency Lighting/Alarms (C	04-14-2004	09-14-2022	3	6%	$4.74	$21,631		Install additional emergency lighting.
9787	Exit/Emergency Lighting/Alarms (C	09-14-2022	09-14-2022	2	10%	$4.74	$36,051		Fire alarm system/panel last updated 2020 (Edwards ETS-101000/Due for replacement is 2040).

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 1/23/2019

Building: Romney Hall (INACTIVE) | **Gross Area:** 54,904 Sq Ft | **Report Renewal Cost:** $6,316,214

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $237.12 | **Deficiency Ratio:** 48.5%

Const. Date: 1922 | **Replacement Cost:** $13,018,836

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$46,449***	***$351,386***	
5441	Footings/Foundation Walls (A)	04-09-2014	04-09-2014	2	5%	$4.23	$11,612		Investigate cracking, separation, and settling of South staircase.
7504	Footings/Foundation Walls (A)	01-23-2019	01-23-2019	2	15%	$4.23	$34,837		Monitor spalling foundation and signs of water infliltration throughout.
System: Envelope (2)						***Totals:***	***$455,077***	***$1,134,866***	
653	Exterior Walls (A)	04-08-1999	04-08-1999	2	15%	$5.61	$46,202		TUCK POINT MASONRY.
654	Exterior Walls (A)	03-13-2002	03-13-2002	2	3%	$5.61	$9,240		POINT GRANITE SURROUND.
655	Exterior Walls (A)	03-13-2002	03-13-2002	2	2%	$5.61	$6,160		REPAIR TERRA COTTA PANELS.
1670	Exterior Walls (A)	03-09-2005	01-23-2019	2	5%	$5.61	$15,401		REMOVE BRICK EFFLORESCENCE.
1671	Exterior Walls (A)	03-09-2005	03-09-2005	2	1%	$5.61	$3,080		CLEAN AND REPAIR HORIZONTAL LEDGE.
656	Exterior Windows (B)	04-19-1994	05-10-2017	2	100%	$6.47	$355,229		Replace all windows & hardware.
7500	Exterior Doors/Hatches (C)	01-23-2019	01-23-2019	2	30%	$1.20	$19,765		Exterior doors on south side of building damaged. Repairs needed or all doors need to be replaced. (Consider historical attributes if doors are replaced with new model).

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus
Area Correction: 0.98
Last Audit Date: 1/23/2019
Building: Romney Hall (INACTIVE)
Gross Area: 54,904 Sq Ft
Report Renewal Cost: $6,316,214
Building Type/ Age Class: General Classroom/Office (3A)
Cost/Sq Ft: $237.12
Deficiency Ratio: 48.5%
Const. Date: 1922
Replacement Cost: $13,018,836

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Floor System (3)						***Totals:***	***$277,677***	***$1,402,797***	
658	Stair Treads/Risers (B)	03-20-1996	01-23-2019	2	25%	$5.95	$81,670		REPAIR TERRAZZO TREAD NOSINGS.
1672	Stair Treads/Risers (B)	03-09-2005	05-10-2017	2	10%	$5.95	$32,668		Replace stair handrails and window guard rails. Areas are damaged and all currently do not meet code.
7502	Stair Treads/Risers (B)	01-23-2019	01-23-2019	3	50%	$5.95	$163,339		Stairs on south end of building do not meet current code.
System: Roof System (4)						***Totals:***	***$39,531***	***$439,781***	
5443	Covering (B)	04-09-2014	05-10-2017	2	5%	$4.00	$10,981		Replace broken clay tile coping.
5444	Covering (B)	04-09-2014	04-09-2014	2	1%	$4.00	$2,196		Replace removed rain gutter downspouts.
5445	Covering (B)	04-09-2014	05-10-2017	2	10%	$4.00	$21,962		Replace broken clay roof tiles as needed.
5446	Covering (B)	04-09-2014	04-09-2014	2	2%	$4.00	$4,392		Replace safety line on South side of roof.
System: Finishes (5)						***Totals:***	***$1,295,184***	***$2,956,580***	
660	Ceilings (B)	03-20-1996	05-10-2017	2	10%	$13.30	$73,022		REPLACE CEILING UNDER RUNNING TRACK.
1669	Ceilings (B)	03-13-2002	01-23-2019	2	70%	$13.30	$511,156		PATCH AND PAINT CEILINGS THROUGHOUT.
6471	Ceilings (B)	05-10-2017	05-10-2017	2	5%	$13.30	$36,511		Accoustical ceiling replacement
4463	Interior Doors/Hardware/Windows (	04-13-2011	04-13-2011	2	10%	$9.95	$54,629		Repair / replace worn out doors and hardware.
661	Floor Finishes (D)	03-13-2002	04-09-2014	2	20%	$7.60	$83,454		Replace floor finishes throughout
7506	Floor Finishes (D)	01-23-2019	01-23-2019	2	50%	$7.60	$208,635		Repair and refinish terazzo floors.
1668	Wall Finishes (E)	03-13-2002	05-10-2017	2	75%	$7.96	$327,777		PATCH AND PAINT WALLS THROUGHOUT.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 1/23/2019

Building: Romney Hall (INACTIVE) | **Gross Area:** 54,904 Sq Ft | **Report Renewal Cost:** $6,316,214

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $237.12 | **Deficiency Ratio:** 48.5%

Const. Date: 1922 | **Replacement Cost:** $13,018,836

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$153,402***	***$756,028***	
2766	Signage/Directories (B)	03-09-2005	04-13-2011	3	100%	$0.72	$39,531		Install room, directional and services signage.
4461	Chalk/Tack/Whiteboards/Cabinets (	04-13-2011	01-23-2019	2	20%	$10.37	$113,871		Replace countertops and cabinetry in all bathrooms.
System: HVAC System (7)						***Totals:***	***$659,397***	***$1,343,501***	
5448	Heating (A)	04-09-2014	05-10-2017	2	100%	$10.68	$586,375		Replace deficient parts of aged heating system.
663	Ventilating (B)	03-13-2002	05-10-2017	3	100%	$1.33	$73,022		PROVIDE MECHANICAL VENTILATION TO ALL INTERIOR SPACES.
System: Plumbing System (8)						***Totals:***	***$1,642,837***	***$1,800,851***	
1677	Fixtures (A)	03-09-2005	01-23-2019	2	60%	$7.17	$236,197		Replace plumbing fixtures throughout.
1678	Supply Piping (B)	03-09-2005	01-23-2019	2	100%	$17.32	$950,937		Replaced original galvinized supply piping.
665	Waste Piping (C)	03-13-2002	01-23-2019	2	100%	$8.30	$455,703		Replace drain and waste piping.
System: Electrical System (9)						***Totals:***	***$833,058***	***$1,741,006***	
7496	Lighting (B)	01-23-2019	01-23-2019	5	30%	$8.18	$134,734		Upgrade lighting and repalce with energy efficient fixtures/occupancy sensors.
7498	Lighting (B)	01-23-2019	01-23-2019	2	70%	$8.18	$314,380		Replace damaged/obsolete light fixtures.
667	Distribution (C)	03-20-1996	01-23-2019	3	70%	$9.99	$383,944		Bring up to modern code. Panels are outdated and wiring needs to be updated.
System: Conveying (10)						***Totals:***	***$346,993***	***$346,993***	
7501	Elevator/Lift (A)	01-23-2019	01-23-2019	3	100%	$6.32	$346,993		Construct elevator to improve ADA accessibility.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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Site: MSU-Bozeman Main Campus
Area Correction: 0.98
Last Audit Date: 1/23/2019

Building: Romney Hall (INACTIVE)
Gross Area: 54,904 Sq Ft
Report Renewal Cost: $6,316,214

Building Type/ Age Class: General Classroom/Office (3A)
Cost/Sq Ft: $237.12
Deficiency Ratio: 48.5%

Const. Date: 1922
Replacement Cost: $13,018,836

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	***$566,609***	***$746,145***	
668	Extinguishing System (B)	04-19-1994	01-23-2019	3	100%	$5.48	$300,874		INSTALL FIRE SUPPRESSION SYSTEM.
2768	Exit/Emergency Lighting/Alarms (C	03-09-2005	01-23-2019	3	100%	$4.84	$265,735		Install fire alarms and smoke detectors.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 11/13/2019

Building: Sherrick Hall | **Gross Area:** 18,376 Sq Ft | **Report Renewal Cost:** $1,175,689

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $309.54 | **Deficiency Ratio:** 20.7%

Const. Date: 1973 | **Replacement Cost:** $5,688,291

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$1,231***	***$120,547***	
282	Exterior Steps/Retaining Walls (B)	11-14-2001	11-14-2007	2	5%	$1.34	$1,231		Repair damaged concrete at main entry exterior terrace.
System: Envelope (2)						***Totals:***	***$157,272***	***$472,998***	
279	Exterior Walls (A)	11-14-2001	11-09-2016	2	2%	$6.92	$2,543		Caulk upper concrete band, eastside, west building, and southside bridge connection.
1570	Exterior Walls (A)	11-10-2004	11-09-2016	2	2%	$6.92	$2,543		Recaulk expansion joints.
1571	Exterior Walls (A)	11-10-2004	12-08-2010	6	1%	$6.92	$1,272		Clean brick.
5294	Exterior Walls (A)	11-13-2013	11-13-2013	2	1%	$6.92	$1,272		Replace spalling brick (exterior of penthouse).
5296	Exterior Walls (A)	11-13-2013	11-09-2016	2	2%	$6.92	$2,543		Investigate condition of lentils above openings on west and south side of building because rust is starting to expand and damage adjacent masonry.
281	Exterior Windows (B)	11-14-2001	11-13-2019	2	78%	$9.40	$134,733		Replace windows.
5299	Exterior Windows (B)	11-13-2013	11-13-2019	2	5%	$9.40	$8,637		Replace hinge hardware as needed.
7993	Exterior Windows (B)	11-13-2019	11-13-2019	2	2%	$9.40	$3,455		Replace window seals.
7995	Exterior Doors/Hatches (C)	11-13-2019	11-13-2019	2	1%	$1.49	$274		Investigate condition of lentils on doors (NW exit door and pent house door) due to rust.
System: Floor System (3)						***Totals:***	***$38,213***	***$579,763***	
1573	Floor Structure (A)	11-10-2004	11-14-2007	3	1%	$24.20	$4,447		Room 3 - Investigate need for fireproofing on steel beams.
5300	Stair Treads/Risers (B)	11-13-2013	11-13-2019	3	20%	$7.35	$27,013		Upgrade stair rails to meet current code - too short.
7989	Stair Treads/Risers (B)	11-13-2019	11-13-2019	2	5%	$7.35	$6,753		Replace stair treds (stair 105).

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 11/13/2019

Building: Sherrick Hall | **Gross Area:** 18,376 Sq Ft | **Report Renewal Cost:** $1,175,689

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $309.54 | **Deficiency Ratio:** 20.7%

Const. Date: 1973 | **Replacement Cost:** $5,688,291

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)						***Totals:***	***$61,429***	***$169,978***	
6329	Covering (B)	11-09-2016	11-09-2016	2	1%	$4.29	$788		Monitor parapit wall roof covering on south face orientation
7986	Covering (B)	11-13-2019	11-13-2019	2	50%	$4.29	$39,417		Replace roof covering.
7987	Insulation (C)	11-13-2019	11-13-2019	2	50%	$2.31	$21,224		Replace roof insulation.
System: Finishes (5)						***Totals:***	***$31,353***	***$1,131,227***	
283	Ceilings (B)	11-14-2001	11-14-2001	2	2%	$14.92	$5,483		Replace damaged ceiling tiles as needed.
6330	Interior Doors/Hardware/Windows (	11-09-2016	11-09-2016	3	10%	$12.29	$22,584		Replace door hardware with levers to comply with ADA
1568	Wall Finishes (E)	11-10-2004	12-08-2010	2	2%	$8.94	$3,286		Patch/repair interior wall finishes as needed.
System: HVAC System (7)						***Totals:***	***$182,885***	***$807,441***	
5303	Heating (A)	11-13-2013	11-13-2013	5	15%	$21.97	$60,558		Add building management system.
5305	Heating (A)	11-13-2013	11-13-2019	2	30%	$21.97	$121,116		Replace piping as needed.
5304	Ventilating (B)	11-13-2013	11-13-2013	2	1%	$6.59	$1,211		Replace room ventilators.
System: Plumbing System (8)						***Totals:***	***$452,270***	***$852,095***	
7990	Supply Piping (B)	11-13-2019	11-13-2019	2	70%	$23.77	$305,758		Supply piping expected useful life.
7991	Waste Piping (C)	11-13-2019	11-13-2019	2	70%	$11.39	$146,512		Waste piping expected useful life.
System: Electrical System (9)						***Totals:***	***$31,313***	***$790,719***	
7988	Lighting (B)	11-13-2019	11-13-2019	5	15%	$11.36	$31,313		Upgrade lighting to LED throughout.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 11/13/2019

Building: Sherrick Hall | **Gross Area:** 18,376 Sq Ft | **Report Renewal Cost:** $1,175,689

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $309.54 | **Deficiency Ratio:** 20.7%

Const. Date: 1973 | **Replacement Cost:** $5,688,291

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)					***Totals:***		***$219,723***	***$308,349***	
1574	Egress (A)	11-10-2004	11-09-2016	2	5%	$4.03	$3,703		Replace panic bars at stairwell doors.
5307	Egress (A)	11-13-2013	11-13-2013	3	5%	$4.03	$3,703		Provide 2nd means of Egress from occupied basement spaces.
6327	Extinguishing System (B)	11-09-2016	11-09-2016	3	100%	$6.77	$124,406		Bulding needs fire suppression system.
1496	Exit/Emergency Lighting/Alarms (C	11-14-2001	11-09-2016	2	80%	$5.98	$87,911		Upgrade fire alarm system- parts on old system are obsolete and at end of life cycle

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Deficiency Detail by Building

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Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 2/14/2022

Building: Taylor Hall | **Gross Area:** 9,936 Sq Ft | **Report Renewal Cost:** $1,191,991

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $348.42 | **Deficiency Ratio:** 34.4%

Const. Date: 1896 | **Replacement Cost:** $3,462,000

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$93,399***	***$93,498***	
684	Footings/Foundation Walls (A)	04-09-2003	02-14-2022	2	98%	$6.21	$60,469		Repair foundation/re-point sw corner.
8870	Footings/Foundation Walls (A)	02-09-2022	02-09-2022	2	1%	$6.21	$617		Monitor signs of building settling.
8872	Footings/Foundation Walls (A)	02-09-2022	02-09-2022	3	1%	$6.21	$617		Investigate upgrades to egress.
974	Exterior Steps/Retaining Walls (B)	05-14-2003	05-13-2009	2	100%	$3.19	$31,696		Replace main entry steps and overhang.
System: Envelope (2)						***Totals:***	***$181,353***	***$301,756***	
685	Exterior Walls (A)	05-14-2003	02-14-2022	2	75%	$8.24	$61,404		Repair and repoint exterior masonary walls. (archways over windows)
5766	Exterior Walls (A)	06-10-2015	02-14-2022	2	20%	$8.24	$16,375		Review wall structure (cacking & bulging in load bearing masonry).
975	Exterior Windows (B)	05-14-2003	06-10-2015	2	90%	$9.51	$85,042		Replace exterior windows with energy efficient windows.
8862	Exterior Windows (B)	05-13-2009	02-14-2022	2	1%	$9.51	$945		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.
8866	Exterior Doors/Hatches (C)	02-09-2022	02-09-2022	2	100%	$1.77	$17,587		Replace exterior door & hardware.
System: Floor System (3)						***Totals:***	***$28,616***	***$372,997***	
5755	Floor Structure (A)	06-10-2015	08-08-2018	2	10%	$28.80	$28,616		Investigate sagging ceiling on 2nd floor.
System: Roof System (4)						***Totals:***	***$8,197***	***$116,947***	
7214	Insulation (C)	08-08-2018	08-08-2018	5	5%	$2.75	$1,366		Insulate attic.
8878	Insulation (C)	02-09-2022	02-09-2022	2	25%	$2.75	$6,831		Shingle roof last replaced in 2012, no recent signs of failure.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 2/14/2022
Building: Taylor Hall | **Gross Area:** 9,936 Sq Ft | **Report Renewal Cost:** $1,191,991
Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $348.42 | **Deficiency Ratio:** 34.4%
Const. Date: 1896 | **Replacement Cost:** $3,462,000

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$82,442***	***$786,236***	
8876	Interior Wall Systems (A)	02-09-2022	02-09-2022	2	1%	$22.09	$2,195		Monitor bulging drywall in stairwell.
690	Ceilings (B)	05-14-2003	06-10-2015	2	25%	$19.54	$48,537		Misc. repair ceilings.
8874	Interior Doors/Hardware/Windows (	02-09-2022	02-09-2022	3	10%	$14.63	$14,536		Upgrade interior door hardware to campus standard.
8873	Floor Finishes (D)	02-09-2022	02-09-2022	2	5%	$11.17	$5,549		Replace flooring as needed.
976	Wall Finishes (E)	05-14-2003	08-08-2018	2	10%	$11.70	$11,625		Misc. painting as needed.
System: Specialties (6)						***Totals:***	***$7,566***	***$201,105***	
7209	Chalk/Tack/Whiteboards/Cabinets (	08-08-2018	08-08-2018	2	5%	$15.23	$7,566		Replace countertops throughout.
System: HVAC System (7)						***Totals:***	***$46,769***	***$357,199***	
3747	Heating (A)	05-13-2009	05-13-2009	2	10%	$15.69	$15,590		Replace condensate skid.
5757	Heating (A)	06-10-2015	06-10-2015	2	20%	$15.69	$31,179		Replace steam condensate piping.
System: Plumbing System (8)						***Totals:***	***$478,816***	***$478,816***	
3749	Fixtures (A)	05-13-2009	08-08-2018	2	100%	$10.53	$104,626		Replace worn/obsolete fixtures.
977	Supply Piping (B)	05-14-2003	08-08-2018	2	100%	$25.46	$252,971		Replace galvanized domestic water supply system.
5759	Waste Piping (C)	06-10-2015	08-08-2018	2	100%	$12.20	$121,219		Replace waste piping.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 2/14/2022

Building: Taylor Hall | **Gross Area:** 9,936 Sq Ft | **Report Renewal Cost:** $1,191,991

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $348.42 | **Deficiency Ratio:** 34.4%

Const. Date: 1896 | **Replacement Cost:** $3,462,000

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$172,627***	***$462,918***	
5771	Building Service (A)	06-10-2015	06-10-2015	2	30%	$9.68	$28,854		Replace obsolete MDP.
5775	Building Service (A)	06-10-2015	06-10-2015	3	5%	$9.68	$4,809		Move meter outside.
8864	Lighting (B)	08-08-2018	02-14-2022	5	15%	$12.01	$17,900		Replace light fixtures with LED throughout.
2719	Distribution (C)	05-16-2006	05-16-2006	2	70%	$14.68	$102,102		UPGRADE SECONDARY DISTRIBUTION.
5762	Distribution (C)	06-10-2015	06-10-2015	3	5%	$14.68	$7,293		Relocate Panel B.
5764	Distribution (C)	06-10-2015	06-10-2015	2	2%	$14.68	$2,917		Replace outlets.
5769	Distribution (C)	06-10-2015	06-10-2015	2	6%	$14.68	$8,752		Replace cloth wire.
System: Conveying (10)						***Totals:***	***$92,206***	***$92,206***	
8875	Elevator/Lift (A)	02-09-2022	02-09-2022	3	100%	$9.28	$92,206		Add conveying system.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.16 | **Last Audit Date:** 7/19/2021

Building: Tietz Hall | **Gross Area:** 20,472 Sq Ft | **Report Renewal Cost:** $1,303,679

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $344.76 | **Deficiency Ratio:** 18.5%

Const. Date: 1985 | **Replacement Cost:** $7,057,787

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$48,979***	***$693,182***	
4612	Exterior Walls (A)	08-10-2011	08-10-2011	2	1%	$12.25	$2,508		Investigate and clean efforescence on East wall.
2208	Exterior Doors/Hatches (C)	07-13-2005	07-09-2008	5	50%	$4.54	$46,471		Replace roll-up doors (3) with insulated type.
System: Floor System (3)						***Totals:***	***$5,241***	***$406,164***	
7120	Floor Structure (A)	06-13-2018	06-13-2018	2	2%	$12.80	$5,241		Monitor slope of floors.
System: Roof System (4)						***Totals:***	***$248,735***	***$330,418***	
2209	Covering (B)	07-13-2005	07-13-2005	2	2%	$7.90	$3,235		Replace coping on southwest corner.
5557	Covering (B)	08-13-2014	07-14-2021	2	98%	$7.90	$158,494		The roof covering is beyond its expected life (single ply, 1985 original roof). Consider replacing it.
8619	Insulation (C)	07-14-2021	07-14-2021	2	100%	$4.25	$87,006		Replace roof insulation when covering is replaced.
System: Finishes (5)						***Totals:***	***$26,020***	***$1,384,521***	
2211	Interior Doors/Hardware/Windows (	07-13-2005	07-13-2005	2	1%	$3.15	$645		Paint interior doors as required.
7121	Floor Finishes (D)	06-13-2018	07-14-2021	2	5%	$12.19	$12,478		Refinish floor finishes as needed.
5543	Wall Finishes (E)	08-13-2014	07-14-2021	2	5%	$12.60	$12,897		Repaint walls as needed. Provide consistent paint color in areas that were patched.
System: Specialties (6)						***Totals:***	***$17,401***	***$501,973***	
2759	Signage/Directories (B)	07-13-2005	08-13-2014	3	95%	$0.85	$16,531		Install standard MSU room signage.
5541	Signage/Directories (B)	07-13-2005	07-13-2005	3	5%	$0.85	$870		Install standard MSU building signage.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.16 | **Last Audit Date:** 7/19/2021

Building: Tietz Hall | **Gross Area:** 20,472 Sq Ft | **Report Renewal Cost:** $1,303,679

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $344.76 | **Deficiency Ratio:** 18.5%

Const. Date: 1985 | **Replacement Cost:** $7,057,787

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$114,566***	***$945,806***	
5545	Heating (A)	08-13-2014	08-13-2014	2	8%	$21.06	$34,491		Replace terminal unit specialities (flowsetters, etc.)
8620	Heating (A)	07-14-2021	07-14-2021	2	5%	$21.06	$21,557		Replace hot water pumps.
8621	Heating (A)	07-14-2021	07-14-2021	2	5%	$21.06	$21,557		Re-enable original steam HX (provide 45PSI steam and new control valves).
8622	Heating (A)	07-14-2021	07-14-2021	2	5%	$21.06	$21,557		Install drip pan in HRV.
3607	Ventilating (B)	07-09-2008	08-13-2014	4	2%	$18.81	$7,702		Replace electrical room exhaust fan (room 200A).
5548	Ventilating (B)	08-13-2014	08-13-2014	2	2%	$18.81	$7,702		Replace insulation on cage wash heat recovery unit.
System: Plumbing System (8)						***Totals:***	***$798,487***	***$1,570,202***	
2215	Fixtures (A)	07-13-2005	07-19-2021	2	25%	$16.57	$84,805		Replace HW heater.
5552	Supply Piping (B)	08-13-2014	07-19-2021	2	80%	$41.37	$677,541		Replace old piping.
5553	Supply Piping (B)	08-13-2014	08-13-2014	2	1%	$41.37	$8,469		Replace old pumps as needed.
5554	Supply Piping (B)	08-13-2014	08-13-2014	2	1%	$41.37	$8,469		Replace valves as needed.
5555	Waste Piping (C)	08-13-2014	08-13-2014	2	5%	$18.76	$19,203		Replace aging pipe as needed.
System: Electrical System (9)						***Totals:***	***$44,250***	***$637,089***	
8624	Lighting (B)	07-19-2021	07-19-2021	5	15%	$10.24	$31,445		Upgrade lighting to LED throughout.
8626	Distribution (C)	07-19-2021	07-19-2021	2	5%	$12.51	$12,805		Upgrade electrical distribution.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 8/14/2019

Building: Traphagen Hall | **Gross Area:** 37,234 Sq Ft | **Report Renewal Cost:** $2,609,090

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 26.6%

Const. Date: 1920 | **Replacement Cost:** $9,809,430

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$43,379***	***$262,872***	
6271	Footings/Foundation Walls (A)	08-10-2016	08-10-2016	2	5%	$4.66	$8,676		Mitigate leaking into basement.
6272	Footings/Foundation Walls (A)	08-10-2016	08-10-2016	2	5%	$4.66	$8,676		Cracking sills on West foundation wall.
7934	Footings/Foundation Walls (A)	08-14-2019	08-14-2019	2	10%	$4.66	$17,351		Monitor spalling at interior foundation wall.
7942	Footings/Foundation Walls (A)	08-14-2019	08-14-2019	2	5%	$4.66	$8,676		Regrade land around exterior of building to create positive slope and prevent water inflitration into basement.
System: Envelope (2)						***Totals:***	***$53,739***	***$848,191***	
597	Exterior Walls (A)	11-06-1991	08-14-2013	2	2%	$6.18	$4,602		MASONRY POINTING AND CONCRETE BAND AT WEST SIDE.
1520	Exterior Walls (A)	08-11-2004	08-14-2013	2	3%	$6.18	$6,903		Water infiltration has damaged walls at East entry (close to roof drain). On going issue.
4399	Exterior Walls (A)	09-08-2010	09-08-2010	2	2%	$6.18	$4,602		Cement parging (sacking) at North & West wall needs to be repaired.
4404	Exterior Walls (A)	09-08-2010	09-08-2010	2	1%	$6.18	$2,301		Re-Stucco existing vertical walls at roof.
5203	Exterior Walls (A)	08-14-2013	08-14-2013	2	1%	$6.18	$2,301		Replace soffit - East side above main door rotting, sagging, and squirrels living in holes.
7935	Exterior Walls (A)	08-14-2019	08-14-2019	2	2%	$6.18	$4,602		Remove efflorecence on brick (east side).
1522	Exterior Windows (B)	08-11-2004	08-14-2013	2	2%	$7.13	$5,310		Replace malfunctioning window latches as needed.
5205	Exterior Windows (B)	08-14-2013	08-14-2013	2	3%	$7.13	$7,964		Recaulk joint between window and walls.
1523	Interior Columns/Beams (D)	08-11-2004	08-11-2004	2	5%	$8.14	$15,154		INVESTIGATE COLUMNS AT STAIR AT NORTH BASEMENT (CRUMBLING SURFACES)

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 8/14/2019

Building: Traphagen Hall | **Gross Area:** 37,234 Sq Ft | **Report Renewal Cost:** $2,609,090

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 26.6%

Const. Date: 1920 | **Replacement Cost:** $9,809,430

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Floor System (3)						***Totals:***	***$63,507***	***$1,048,509***	
598	Stair Treads/Risers (B)	10-13-1994	10-13-1994	3	20%	$6.56	$48,851		Restore decorative infill at stair rails (gaps too big)
6276	Stair Treads/Risers (B)	08-10-2016	08-10-2016	2	5%	$6.56	$12,213		Replace (interior) entry handrails with ADA handrails.
7936	Stair Treads/Risers (B)	08-14-2019	08-14-2019	2	1%	$6.56	$2,443		Repair spalling stairs tha lead into basement.
System: Roof System (4)						***Totals:***	***$75,957***	***$328,776***	
5207	Structure (A)	08-14-2013	08-14-2013	2	5%	$2.36	$4,394		Investigate roof structure above East entrance (water damage / drain).
4403	Covering (B)	09-08-2010	09-08-2010	2	3%	$4.40	$4,915		Replace drain over East entry.
4405	Covering (B)	09-08-2010	09-08-2010	2	1%	$4.40	$1,638		Replace missing endcaps at West and North entry.
7937	Covering (B)	08-14-2019	08-14-2019	2	35%	$4.40	$57,340		Roof expected useful life - last replaced in 1985.
7938	Insulation (C)	08-14-2019	08-14-2019	2	10%	$2.06	$7,670		Replace roof insulation.
System: Finishes (5)						***Totals:***	***$183,758***	***$2,209,838***	
1515	Ceilings (B)	08-14-2001	08-14-2019	2	10%	$14.65	$54,548		Replace various ceiling tiles (on going).
1526	Interior Doors/Hardware/Windows (	08-11-2004	08-14-2013	6	15%	$10.97	$61,269		REPLACE DOORS THAT ARE NOT HISTORICALLY APPROPRIATE.
7939	Interior Doors/Hardware/Windows (	08-14-2019	08-14-2019	2	1%	$10.97	$4,085		Upgrade door hardware to campus standard.
1527	Floor Finishes (D)	08-11-2004	08-14-2019	2	10%	$8.38	$31,202		Replace worn out carpet and tile (as needed).
1513	Wall Finishes (E)	08-14-2001	08-14-2019	2	10%	$8.77	$32,654		Repaint walls as needed.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 8/14/2019

Building: Traphagen Hall | **Gross Area:** 37,234 Sq Ft | **Report Renewal Cost:** $2,609,090

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 26.6%

Const. Date: 1920 | **Replacement Cost:** $9,809,430

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$15,266***	***$565,212***	
6277	Toilet Partitions (A)	08-10-2016	08-14-2019	2	20%	$1.85	$13,777		Upgrade partitions.
1528	Signage/Directories (B)	08-11-2004	08-14-2013	2	5%	$0.80	$1,489		Install building directories. (room signage is up to date).
System: HVAC System (7)						***Totals:***	***$457,381***	***$1,004,201***	
5209	Heating (A)	08-14-2013	08-14-2013	2	5%	$11.77	$21,912		Replace room ventilators.
5210	Heating (A)	08-14-2013	08-14-2019	2	80%	$11.77	$350,595		Replace worn-out steam and condensate. Due for replacement.
6274	Heating (A)	08-10-2016	08-10-2016	2	10%	$11.77	$43,824		Upgrade HVAC system for energy conservation and because it is beyond life.
601	Ventilating (B)	08-14-2001	08-14-2001	3	60%	$1.47	$32,840		PROVIDE VENTILATION IN BASEMENT AND VARIOUS ROOMS THROUGHOUT.
1530	Ventilating (B)	08-11-2004	08-14-2013	2	15%	$1.47	$8,210		Provide ventilation in bathrooms throughout.
System: Plumbing System (8)						***Totals:***	***$1,228,721***	***$1,345,637***	
1531	Fixtures (A)	08-11-2004	09-08-2010	2	95%	$7.90	$279,441		Replace plumbing fixtures (excludes hot water heater).
7940	Fixtures (A)	08-14-2019	08-14-2019	2	1%	$7.90	$2,941		Upgrade to low-flow fixtures.
1516	Supply Piping (B)	08-14-2001	09-08-2010	2	90%	$19.09	$639,717		Replace all galvanized piping - Beyond expected useful life.
5212	Waste Piping (C)	08-14-2013	08-14-2013	2	90%	$9.15	$306,622		Replace waste piping - Beyond expected useful life.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 8/14/2019

Building: Traphagen Hall | **Gross Area:** 37,234 Sq Ft | **Report Renewal Cost:** $2,609,090

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 26.6%

Const. Date: 1920 | **Replacement Cost:** $9,809,430

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$249,532***	***$1,300,956***	
5213	Building Service (A)	08-14-2013	08-14-2013	2	10%	$7.26	$27,032		Upgrade main feeders.
7941	Lighting (B)	08-14-2019	08-14-2019	5	15%	$9.01	$50,322		Upgrade lighting to LED throughout.
604	Distribution (C)	11-06-1991	08-14-2013	3	40%	$11.01	$163,979		Replace secondary distribution system, building wiring, etc.
5215	Distribution (C)	08-14-2013	08-14-2013	2	2%	$11.01	$8,199		Install GFCI outlets in basement.
System: Conveying (10)						***Totals:***	***$12,957***	***$259,149***	
1517	Elevator/Lift (A)	08-14-2001	09-08-2010	2	5%	$6.96	$12,957		Upgrade Cab Interior (honeycomb acrylic ceiling).
System: Safety System (11)						***Totals:***	***$224,893***	***$557,393***	
6351	Extinguishing System (B)	12-14-2016	12-14-2016	3	100%	$6.04	$224,893		Install fire suppression system. (firecode requires existing buildings with open stairwells to have a fire suppression system)

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 5/8/2019

Building: Visual Communications Building | **Gross Area:** 41,494 Sq Ft | **Report Renewal Cost:** $1,767,511

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $270.02 | **Deficiency Ratio:** 15.9%

Const. Date: 1983 | **Replacement Cost:** $11,106,463

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$2,386***	***$234,026***	
6259	Exterior Steps/Retaining Walls (B)	06-08-2016	06-08-2016	2	5%	$1.15	$2,386		Monitor crack in retaining wall (SE side).
System: Envelope (2)						***Totals:***	***$28,925***	***$917,847***	
1490	Exterior Walls (A)	07-14-2004	06-08-2016	2	8%	$5.95	$19,751		Replace caulk at brick expansion joints and control joints.
5199	Exterior Walls (A)	07-10-2013	07-10-2013	2	1%	$5.95	$2,469		Monitor archway concrete panels that are settling.
6261	Exterior Windows (B)	06-08-2016	05-08-2019	2	2%	$8.08	$6,705		Replace glazing where gaskets have failed (6 clearstory windows above entrance).
System: Roof System (4)						***Totals:***	***$179,827***	***$329,877***	
5177	Covering (B)	07-10-2013	07-10-2013	2	2%	$3.69	$3,062		Repair West roof covering (seams lifting, crack, etc)
6262	Covering (B)	06-08-2016	05-08-2019	2	75%	$3.69	$114,835		Replace roof (beyond life).
6264	Insulation (C)	06-08-2016	05-08-2019	2	75%	$1.99	$61,930		Replace insulation when roof is replaced.
System: Finishes (5)						***Totals:***	***$76,880***	***$2,195,448***	
343	Ceilings (B)	10-14-1998	06-08-2016	2	5%	$12.83	$26,618		Replace stained and damaged tiles as needed.
1491	Floor Finishes (D)	07-14-2004	07-14-2004	2	1%	$7.33	$3,042		Replace missing base trim as needed.
7947	Floor Finishes (D)	05-08-2019	05-08-2019	2	4%	$7.33	$12,166		Replace carpet as needed.
1492	Wall Finishes (E)	07-14-2004	07-14-2004	2	1%	$7.68	$3,187		REPAINT STAIR RAILINGS.
7949	Wall Finishes (E)	05-08-2019	05-08-2019	2	7%	$7.68	$22,307		Repaint interior walls as needed.
7950	Wall Finishes (E)	05-08-2019	05-08-2019	2	3%	$7.68	$9,560		Repair wall coverings.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Area Correction: 1.04
Last Audit Date: 5/8/2019
Building: Visual Communications Building
Gross Area: 41,494 Sq Ft
Report Renewal Cost: $1,767,511
Building Type/ Age Class: General Classroom/Office (3C)
Cost/Sq Ft: $270.02
Deficiency Ratio: 15.9%
Const. Date: 1983
Replacement Cost: $11,106,463

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$63,216***	***$636,103***	
5181	Signage/Directories (B)	07-10-2013	07-10-2013	3	5%	$0.77	$1,598		Add building info sign.
7952	Signage/Directories (B)	05-08-2019	05-08-2019	3	50%	$0.77	$15,975		Update and complete building signage.
346	Chalk/Tack/Whiteboards/Cabinets (	10-14-1998	05-08-2019	2	10%	$11.00	$45,643		Replace cabinets in rooms 113-121, 135, and 138.
System: HVAC System (7)						***Totals:***	***$387,883***	***$1,567,228***	
7954	Heating (A)	05-08-2019	05-08-2019	2	25%	$18.88	$195,852		Replace heat pumps that have obsolete refridgerant.
347	Ventilating (B)	08-09-1995	08-09-1995	2	6%	$5.67	$14,116		PROVIDE ADEQUATE VENTILATION IN CHEMICAL STORAGE ROOMS 139 & 140.
3444	Ventilating (B)	07-11-2007	07-11-2007	3	10%	$5.67	$23,527		IMPROVE VENTILATION IN PHOTO LABS
5190	Ventilating (B)	07-10-2013	07-10-2013	2	5%	$5.67	$11,764		Replace AHUs over studio.
348	Cooling (C)	07-10-2001	07-10-2001	2	1%	$13.22	$5,486		REPLACE EXTERIOR INSULATION ON COOLING TOWER AIR INTAKE AND EXHAUST.
7955	Cooling (C)	05-08-2019	05-08-2019	2	25%	$13.22	$137,138		Replace heat pumps that have obsolete refridgerant.
System: Plumbing System (8)						***Totals:***	***$953,685***	***$1,674,698***	
6268	Fixtures (A)	06-08-2016	06-08-2016	2	7%	$10.14	$29,452		Replace sinks in Men's and Women's restrooms on 1st and second floor.
7944	Fixtures (A)	05-08-2019	05-08-2019	2	5%	$10.14	$21,037		Replace sinks.
1494	Supply Piping (B)	07-14-2004	07-14-2004	2	3%	$20.43	$25,432		EVALUATE & REPAIR HOT WATER CIRC SYSTEM.
6269	Supply Piping (B)	06-08-2016	05-08-2019	2	70%	$20.43	$593,406		Monitor pipe (beyond life though it is still functioning ok).
7945	Waste Piping (C)	05-08-2019	05-08-2019	2	70%	$9.79	$284,358		Waste piping expected useful life.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 5/8/2019

Building: Visual Communications Building | **Gross Area:** 41,494 Sq Ft | **Report Renewal Cost:** $1,767,511

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $270.02 | **Deficiency Ratio:** 15.9%

Const. Date: 1983 | **Replacement Cost:** $11,106,463

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$67,531***	***$1,672,623***	
7957	Lighting (B)	05-08-2019	05-08-2019	5	15%	$10.85	$67,531		Upgrade lighting to LED throughout.
System: Safety System (11)						***Totals:***	***$7,178***	***$598,343***	
350	Egress (A)	08-12-1992	08-12-1992	3	5%	$3.46	$7,178		IMPROVE EGRESS FROM ROOM 138.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 8/12/2020

Building: Wilson Hall | **Gross Area:** 80,153 Sq Ft | **Report Renewal Cost:** $3,254,140

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $245.59 | **Deficiency Ratio:** 15.6%

Const. Date: 1974 | **Replacement Cost:** $20,804,285

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$25,489***	***$417,597***	
326	Exterior Steps/Retaining Walls (B)	06-12-1996	07-13-2011	2	30%	$1.06	$25,489		Repair/replace all exterior retaining walls and planters.
System: Envelope (2)						***Totals:***	***$82,701***	***$1,636,724***	
327	Exterior Walls (A)	06-15-1999	08-12-2020	2	10%	$5.49	$44,004		Replace exterior masonry at west side "garden walls".
328	Exterior Walls (A)	06-11-2002	08-12-2020	2	1%	$5.49	$4,400		Replace soffits at window recesses. Damaged portion of soffit exists on upper side of balcony.
5510	Exterior Walls (A)	07-09-2014	07-09-2014	2	1%	$5.49	$4,400		Regrout exterior walls.
2027	Exterior Windows (B)	06-08-2005	06-08-2005	2	5%	$7.46	$29,897		Replace window hardware.
System: Roof System (4)						***Totals:***	***$444,448***	***$587,521***	
329	Structure (A)	06-09-1993	06-09-1993	3	15%	$2.10	$25,248		Framing does not meet code for shear NE and NW corners.
5512	Covering (B)	07-09-2014	07-09-2014	2	100%	$3.40	$272,520		Replace roof covering and flashing.
8133	Insulation (C)	08-12-2020	08-12-2020	2	100%	$1.83	$146,680		Replace roof insulation.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 8/12/2020

Building: Wilson Hall | **Gross Area:** 80,153 Sq Ft | **Report Renewal Cost:** $3,254,140

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $245.59 | **Deficiency Ratio:** 15.6%

Const. Date: 1974 | **Replacement Cost:** $20,804,285

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$697,893***	***$3,914,673***	
925	Ceilings (B)	06-11-2002	08-12-2020	2	10%	$11.84	$94,901		Upgrade/replace ceiling through out.
8135	Interior Doors/Hardware/Windows (	08-12-2020	08-12-2020	6	5%	$9.75	$39,075		Consider alternative color for interior doors. Currently red.
8137	Interior Doors/Hardware/Windows (	08-12-2020	08-12-2020	3	1%	$9.75	$7,815		Consider glazing interior doors and windows to meet modern safety standards.
8142	Interior Doors/Hardware/Windows (	08-12-2020	08-12-2020	3	50%	$9.75	$390,746		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.
331	Floor Finishes (D)	06-15-1999	07-15-1999	2	10%	$6.77	$54,264		Replace damaged and worn-out floor finishes as needed.
8134	Floor Finishes (D)	08-12-2020	08-12-2020	6	10%	$6.77	$54,264		Upgrade and replace VCT to LVT in corridors throughout.
8131	Wall Finishes (E)	08-12-2020	08-12-2020	2	10%	$7.09	$56,828		Patch and paint interior walls as needed.
System: Specialties (6)						***Totals:***	***$116,287***	***$1,125,348***	
5516	Signage/Directories (B)	07-09-2014	08-12-2020	3	100%	$0.71	$56,909		Install ADA compliant building directory signage throughout.
5518	Fixed Seating/Risers (C)	06-11-2008	07-09-2014	2	40%	$1.09	$34,947		Replace existing fixed seating in classrooms. (2 out of 4 fixed seat classrooms remain)
929	Chalk/Tack/Whiteboards/Cabinets (	06-11-2002	07-13-2011	6	3%	$10.16	$24,431		Replace chalkboards with whiteboards.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Wilson Hall
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1974

Area Correction: 0.96
Gross Area: 80,153 Sq Ft
Cost/Sq Ft: $245.59
Replacement Cost: $20,804,285

Last Audit Date: 8/12/2020
Report Renewal Cost: $3,254,140
Deficiency Ratio: 15.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$705,514***	***$2,794,134***	
333	Heating (A)	06-11-2002	06-11-2002	2	2%	$17.43	$27,941		Replace dielectric unions in hot water heat system.
4547	Heating (A)	07-13-2011	07-13-2011	2	10%	$17.43	$139,707		Replace restricted heating coils in AHU's noted during 2011 energy project.
4548	Heating (A)	07-13-2011	07-12-2017	2	20%	$17.43	$279,413		Replace heating water pipe to fan coils due to restricted flow.
4546	Ventilating (B)	07-13-2011	07-13-2011	4	10%	$5.23	$41,920		Increase exhaust to toilet rooms.
4550	Ventilating (B)	07-13-2011	07-13-2011	2	5%	$5.23	$20,960		Increase airflow for AHU-4 as noted during 2011 energy project.
4549	Cooling (C)	07-13-2011	07-12-2017	2	20%	$12.20	$195,573		Replice pipe to fan coils due to restricted chill water flow.
System: Plumbing System (8)						***Totals:***	***$234,415***	***$2,948,829***	
8138	Fixtures (A)	08-12-2020	08-12-2020	5	10%	$8.89	$71,256		Replace/Upgrade fixtures to improve water efficiency.
335	Supply Piping (B)	09-11-1996	09-11-1996	2	5%	$18.86	$75,584		Replace hot water circulation return.
5520	Supply Piping (B)	07-09-2014	07-09-2014	2	1%	$18.86	$15,117		Replace gate valves as needed.
5521	Waste Piping (C)	07-09-2014	08-12-2020	2	10%	$9.04	$72,458		Investigate piping by scoping the waste drains.
System: Electrical System (9)						***Totals:***	***$923,884***	***$2,736,423***	
5522	Building Service (A)	07-09-2014	07-09-2014	2	70%	$6.45	$361,891		Replace main disconnect and main distribution panel (old and components are becoming unavailable.)
8139	Building Service (A)	08-12-2020	08-12-2020	2	5%	$6.45	$25,849		Replace generator for emergency lights with inverter.
6809	Lighting (B)	07-12-2017	08-12-2020	5	15%	$9.01	$108,327		Install occupancy sensors throughout and upgrade lighting to LED.
5526	Distribution (C)	07-09-2014	07-09-2014	2	45%	$11.01	$397,118		Replace old electrical distribution panels. (Components are becoming unavailable.)
5528	Voice/Data (D)	07-09-2014	07-09-2014	2	5%	$7.66	$30,699		Upgrade patch panels feeding to basement telecom room with CAT 6 (over half of building).

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 8/12/2020

Building: Wilson Hall | **Gross Area:** 80,153 Sq Ft | **Report Renewal Cost:** $3,254,140

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $245.59 | **Deficiency Ratio:** 15.6%

Const. Date: 1974 | **Replacement Cost:** $20,804,285

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Conveying (10)					***Totals:***		***$4,513***	***$451,261***	
8140	Elevator/Lift (A)	08-12-2020	08-12-2020	3	1%	$5.63	$4,513		Investigate elevator ADA compliance.
System: Safety System (11)					***Totals:***		***$18,996***	***$1,066,836***	
5531	Exit/Emergency Lighting/Alarms (C	07-09-2014	07-09-2014	2	5%	$4.74	$18,996		Add monitoring to fire panel.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 12/11/2019
Building: Wool Lab | **Gross Area:** 7,450 Sq Ft | **Report Renewal Cost:** $278,940
Building Type/ Age Class: House, Single Family (31A) | **Cost/Sq Ft:** $151.32 | **Deficiency Ratio:** 24.7%
Const. Date: 1947 | **Replacement Cost:** $1,127,183

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$15,452***	***$46,265***	
424	Footings/Foundation Walls (A)	01-12-2000	12-11-2013	2	40%	$4.57	$13,619		Repair foundation cracking around exterior basement wells. (North, West, South)
5311	Exterior Steps/Retaining Walls (B)	12-11-2013	12-11-2013	3	15%	$1.64	$1,833		In fill stair rail
System: Envelope (2)						***Totals:***	***$27,820***	***$147,436***	
3672	Exterior Walls (A)	12-10-2008	12-10-2008	2	5%	$13.77	$5,129		Replace plywood on North & South ends of the quonset.
5313	Exterior Walls (A)	12-10-2008	12-11-2013	2	4%	$13.77	$4,103		Paint exerior on backside of building.
2687	Exterior Windows (B)	01-11-2006	01-11-2006	5	98%	$2.36	$17,230		Replace windows with energy efficient windows.
2689	Exterior Windows (B)	01-11-2006	01-11-2006	2	2%	$2.36	$352		Replace damaged/worn out window hardware.
5315	Exterior Doors/Hatches (C)	12-11-2013	12-11-2013	2	30%	$0.45	$1,006		Replace quonset garage door.
System: Floor System (3)						***Totals:***	***$9,357***	***$160,324***	
5317	Floor Structure (A)	12-11-2013	12-11-2013	2	5%	$17.92	$6,675		Investigate settling of main floor.
6347	Stair Treads/Risers (B)	12-14-2016	12-14-2016	2	10%	$3.60	$2,682		Replace or repair worn stair treads to basement & up to 2nd floor.
System: Roof System (4)						***Totals:***	***$6,705***	***$28,012***	
425	Insulation (C)	01-08-1997	12-11-2013	5	100%	$0.90	$6,705		INSULATE ROOF AND ATTIC SPACES.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Wool Lab
Building Type/ Age Class: House, Single Family (31A)
Const. Date: 1947

Area Correction: 1.44
Gross Area: 7,450 Sq Ft
Cost/Sq Ft: $151.32
Replacement Cost: $1,127,183

Last Audit Date: 12/11/2019
Report Renewal Cost: $278,940
Deficiency Ratio: 24.7%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$97,555***	***$239,667***	
5319	Interior Wall Systems (A)	12-11-2013	12-11-2013	2	5%	$7.95	$2,961		Repair wall plaster.
427	Ceilings (B)	01-12-1994	01-16-2006	2	20%	$5.04	$7,510		Paint and patch all ceilings.
5321	Ceilings (B)	12-11-2013	12-11-2013	2	20%	$5.04	$7,510		Replace quonset sheathing.
5322	Interior Doors/Hardware/Windows (	12-11-2013	12-11-2013	2	10%	$8.51	$6,340		Replace uninsulated exterior door.
3676	Floor Finishes (D)	12-10-2008	12-11-2019	2	100%	$7.31	$54,460		Re-finish wood floors (main & second floor)
426	Wall Finishes (E)	01-12-1994	12-11-2013	2	75%	$3.36	$18,774		Patch and paint all interior walls.
System: Plumbing System (8)						***Totals:***	***$82,454***	***$154,364***	
4434	Fixtures (A)	01-12-2011	01-12-2011	2	50%	$6.32	$23,542		Upgrade / replace laboratory fixtures.
4435	Supply Piping (B)	01-12-2011	01-12-2011	2	2%	$9.78	$1,457		Install backflow preventer.
5326	Supply Piping (B)	12-11-2013	12-14-2016	2	60%	$9.78	$43,717		Replace galvanized supply piping.
6346	Waste Piping (C)	12-14-2016	12-14-2016	2	40%	$4.61	$13,738		Replace cast iron piping.
System: Electrical System (9)						***Totals:***	***$39,597***	***$86,346***	
5327	Building Service (A)	12-11-2013	12-11-2013	2	70%	$3.32	$17,314		Replace service feeders and main disconnect.
6342	Lighting (B)	12-14-2016	12-14-2016	5	15%	$3.17	$3,542		Upgrade lighting to LEDS.
5330	Distribution (C)	12-11-2013	12-11-2013	2	15%	$3.87	$4,325		Replace fusebox on 2nd floor.
6343	Distribution (C)	12-14-2016	12-14-2016	2	50%	$3.87	$14,416		Replace secondary wiring, devices, and panel boards.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Barnard Hall
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 1996

Area Correction: 0.94
Gross Area: 149,388 Sq Ft
Cost/Sq Ft: [redacted]
Replacement Cost: [redacted]

Last Audit Date: 10/14/2022
Report Renewal Cost: [redacted]
Deficiency Ratio: 15.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Floor System (3)						***Totals:***	[redacted]	[redacted]	
3006	Floor Structure (A)	02-14-2007	02-14-2007	2	2%	$10.37	[redacted]		Review slab in room 130 - severe cracking & fracture evidence
4296	Floor Structure (A)	02-10-2010	02-10-2010	2	1%	$10.37	[redacted]		Repair joints and thresholds at settled slabs. (on going)
System: Roof System (4)						***Totals:***	[redacted]		
371	Covering (B)	01-14-1998	01-09-2013	2	100%	$6.40	[redacted]		Replace roof covering. Roof installation was already poor two years after it was installed. There is no warranty on the roof.
372	Insulation (C)	01-10-2001	10-14-2022	2	100%	$3.45	[redacted]		REPLACE WET INSULATION.
System: Finishes (5)						***Totals:***	[redacted]		
10311	Ceilings (B)	10-14-2022	10-14-2022	2	5%	[redacted]	[redacted]		Replace ceiling tiles as needed.
4291	Floor Finishes (D)	02-10-2010	10-14-2022	2	15%	[redacted]	[redacted]		Repair tile at settled floors. (on going)
7523	Floor Finishes (D)	02-13-2019	02-13-2019	2	10%	[redacted]	[redacted]		Replace flooring as needed.
373	Wall Finishes (E)	01-10-2001	10-14-2022	2	15%	[redacted]	[redacted]		Repair/repaint corridor walls

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Barnard Hall
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 1996

Area Correction: 0.94
Gross Area: 149,388 Sq Ft
Cost/Sq Ft: [redacted]
Replacement Cost: [redacted]

Last Audit Date: 10/14/2022
Report Renewal Cost: [redacted]
Deficiency Ratio: 15.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	[redacted]		
3010	Ventilating (B)	02-14-2007	10-14-2022	2	2%	[redacted]	[redacted]		Replace ventilation system in room 130 (old wood shop)
10309	Ventilating (B)	10-14-2022	10-14-2022	2	30%	[redacted]	[redacted]		Upgrade/replace lab ventilation systems (Pheonix Controls).
10322	Ventilating (B)	10-14-2022	10-14-2022	2	10%	[redacted]	[redacted]		Replace air compressor for building lab air. Contractor believes it is near major overhaul in a year or two.
6137	Cooling (C)	01-20-2016	01-20-2016	2	5%	[redacted]	[redacted]		Upsize chilled water pumps. Some have been replaced but long-term issues suggest upgrades.
6146	Cooling (C)	01-20-2016	01-20-2016	2	1%	[redacted]	[redacted]		Replace cast iron vacuum line piping with PVC or copper (room 130 and rooms below 130).
10306	Cooling (C)	10-14-2022	10-14-2022	2	10%	[redacted]	[redacted]		Replace failed chiller VFD.
10325	Cooling (C)	10-14-2022	10-14-2022	2	10%	[redacted]	[redacted]		Cooling tower is aging but still in good shape.
System: Plumbing System (8)						***Totals:***	[redacted]		
6138	Fixtures (A)	01-20-2016	01-20-2016	2	3%	[redacted]	[redacted]		Replace fixtures and toilet valves as needed.
10307	Fixtures (A)	10-14-2022	10-14-2022	2	10%	[redacted]	[redacted]		Replace D1 system.
10308	Fixtures (A)	10-14-2022	10-14-2022	2	10%	[redacted]	[redacted]		Replace domestic water heater.
10313	Fixtures (A)	10-14-2022	10-14-2022	2	30%	[redacted]	[redacted]		Replace compressor.
6139	Supply Piping (B)	01-20-2016	02-13-2019	2	20%	[redacted]			Monitor and replace supply piping.
6140	Waste Piping (C)	01-20-2016	02-13-2019	2	20%	[redacted]	[redacted]		Monitor and replace waste piping.
System: Electrical System (9)						***Totals:***	[redacted]		
7524	Lighting (B)	02-13-2019	10-14-2022	5	30%	[redacted]	[redacted]		Upgrade lighting to LED throughout.
6144	Voice/Data (D)	01-20-2016	01-20-2016	2	30%	[redacted]	[redacted]		Replace / upgrade patch panels in telecomm rooms and jack components in rooms. (Consider upgrading cabling.)

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
- [x] *1*
- [x] *2*
- [x] *3*
- [x] *4*
- [x] *5*
- [x] *6*
- [ ] *7*

Site: MSU-Bozeman Main Campus
Building: Barnard Hall
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 1996

Area Correction: 0.94
Gross Area: 149,388 Sq Ft
Cost/Sq Ft: [redacted]
Replacement Cost: [redacted]

Last Audit Date: 10/14/2022
Report Renewal Cost: [redacted]
Deficiency Ratio: 15.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	[redacted]		
10314	Exit/Emergency Lighting/Alarms (C	10-14-2022	10-14-2022	2	25%	[redacted]	[redacted]		Fire alarm system (Edwards EST-3x). Installed in 2017 and due for replacement in 2037.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Cheever Hall
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1974

Area Correction: 0.98
Gross Area: 62,560 Sq Ft
Cost/Sq Ft: $250.70
Replacement Cost: $15,071,432

Last Audit Date: 12/14/2022
Report Renewal Cost: $3,323,336
Deficiency Ratio: 22.1%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$5,293***	***$332,819***	
3071	Footings/Foundation Walls (A)	05-09-2007	05-09-2007	2	2%	$4.23	$5,293		Correct drainage problem at sidewalks around building.
System: Envelope (2)						***Totals:***	***$489,958***	***$1,304,376***	
1431	Exterior Walls (A)	05-12-2004	04-10-2013	2	3%	$5.61	$10,529		Repair/replace damaged 2nd floor window sills. Repair lentils.
1432	Exterior Walls (A)	05-12-2004	04-10-2013	2	2%	$5.61	$7,019		Repair/replace missing/cracked brick as needed.
4363	Exterior Walls (A)	05-12-2010	05-12-2010	2	1%	$5.61	$3,510		Replace rusted plastic soffit and structure below room 215.
301	Exterior Windows (B)	05-09-2001	05-09-2007	2	10%	$7.62	$47,671		Repair /replace damaged or missing window screens.
302	Exterior Windows (B)	06-10-1992	04-10-2013	2	1%	$7.62	$4,767		Repair/replace window gaskets.
303	Exterior Windows (B)	05-09-2001	05-12-2010	5	75%	$7.62	$357,530		Replace windows with thermopane windows.
4779	Exterior Windows (B)	04-10-2013	04-10-2013	2	10%	$7.62	$47,671		Repair/replace window latches / hardware as needed.
6214	Exterior Doors/Hatches (C)	04-13-2016	04-13-2016	2	15%	$1.20	$11,261		Repaint all exterior doors.
System: Roof System (4)						***Totals:***	***$152,396***	***$468,574***	
6216	Covering (B)	04-13-2016	04-13-2016	2	70%	$3.48	$152,396		Roof last replaced in 2008. Add overflow drains.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 12/14/2022

Building: Cheever Hall | **Gross Area:** 62,560 Sq Ft | **Report Renewal Cost:** $3,323,336

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $250.70 | **Deficiency Ratio:** 22.1%

Const. Date: 1974 | **Replacement Cost:** $15,071,432

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$331,003***	***$3,119,242***	
307	Ceilings (B)	05-09-2001	04-10-2019	2	10%	$12.09	$75,635		REPLACE/REPAIR DAMAGED & MISSING CEILING TILES AND GYPBOARD CEILINGS.
6218	Interior Doors/Hardware/Windows (	04-13-2016	04-13-2016	2	2%	$9.95	$12,449		Replace / relaminate doors.
3073	Floor Finishes (D)	05-09-2007	05-09-2007	2	15%	$6.91	$64,843		VINYL FLOORING - REPLACE WORN/DAMAGED AREAS
4365	Floor Finishes (D)	05-12-2010	04-10-2013	2	5%	$6.91	$21,614		Replace carpet as needed.
4781	Floor Finishes (D)	04-10-2013	04-13-2016	2	5%	$6.91	$21,614		Replace rubber baseboard throughout 2nd floor.
7568	Floor Finishes (D)	05-08-2019	05-08-2019	2	5%	$6.91	$21,614		Remove carpet in room 237 to expose concrete floor below.
4783	Wall Finishes (E)	04-10-2013	04-10-2019	2	20%	$7.24	$90,587		Repaint interior walls.
7566	Wall Finishes (E)	05-08-2019	05-08-2019	2	5%	$7.24	$22,647		Repaint areas in the stairwells that have been used for spary painting, and remove graffiti.
System: HVAC System (7)						***Totals:***	***$785,065***	***$2,226,510***	
4369	Heating (A)	05-12-2010	04-10-2019	2	15%	$17.80	$167,035		Upgrade BMS Digital Controls and install thermostats for perimeter rooms.
4789	Heating (A)	04-10-2013	04-13-2016	2	7%	$17.80	$77,950		Replace heat exchanger bundle (no. 1).
4790	Heating (A)	04-10-2013	04-10-2019	2	10%	$17.80	$111,357		Replace unit ventilators.
4791	Heating (A)	04-10-2013	04-10-2019	2	25%	$17.80	$278,392		Replace heating water piping.
308	Ventilating (B)	06-10-1992	04-10-2013	4	6%	$5.34	$20,044		CLEAN DUCTS, GRILLES & BALANCE SYSTEM.
4370	Ventilating (B)	05-12-2010	05-12-2010	4	7%	$5.34	$23,385		Replace roll filters in air handling units with pleated filter medium.
4793	Ventilating (B)	04-10-2013	04-13-2016	2	30%	$5.34	$100,221		Replace air handler units in entire building.
7570	Ventilating (B)	05-08-2019	05-08-2019	4	2%	$5.34	$6,681		Provide exhaust to various shop areas including laser room.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.98 | **Last Audit Date:** 12/14/2022

Building: Cheever Hall | **Gross Area:** 62,560 Sq Ft | **Report Renewal Cost:** $3,323,336

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $250.70 | **Deficiency Ratio:** 22.1%

Const. Date: 1974 | **Replacement Cost:** $15,071,432

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$619,094***	***$2,349,128***	
4797	Fixtures (A)	04-10-2013	04-10-2013	2	20%	$9.08	$113,609		Replace hot water heater (functioning, beyond expected useful life. There is no redundancy so this unit is critical.)
10353	Supply Piping (B)	12-14-2022	12-14-2022	2	20%	$19.25	$240,856		Supply expected useful life.
10356	Supply Piping (B)	12-14-2022	12-14-2022	2	10%	$19.25	$120,428		Replace compressed airline in tunnel.
10354	Waste Piping (C)	12-14-2022	12-14-2022	2	20%	$9.22	$115,361		Waste expected useful life.
10355	Waste Piping (C)	12-14-2022	12-14-2022	2	5%	$9.22	$28,840		Add ADA drains to lavs in bathrooms.
System: Electrical System (9)						***Totals:***	***$597,698***	***$2,180,216***	
4798	Distribution (C)	04-10-2013	04-10-2019	5	15%	$11.24	$105,476		Upgrade lighting to LED throughout. Mostly done. Common areas and classrooms remain.
10357	Distribution (C)	12-14-2022	12-14-2022	2	70%	$11.24	$492,222		Branch circuit panels / MDP nearing end of expected useful life.
System: Safety System (11)						***Totals:***	***$342,829***	***$850,190***	
10352	Extinguishing System (B)	12-14-2022	12-14-2022	2	100%	$5.48	$342,829		Fire alarm system replacement due for replacement. Last replaced in 2007, but are obsolete.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus
Area Correction: 0.98
Last Audit Date: 5/8/2019

Building: Cheever Hall
Gross Area: 62,560 Sq Ft
Report Renewal Cost: $1,359,868

Building Type/ Age Class: General Classroom/Office (3B)
Cost/Sq Ft: $250.70
Deficiency Ratio: 9.0%

Const. Date: 1974
Replacement Cost: $15,071,432

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$45,043***	***$896,485***	
3074	Signage/Directories (B)	05-09-2007	05-09-2007	7	95%	$0.72	$42,791		Provide room signage.
4787	Signage/Directories (B)	05-09-2007	05-09-2007	7	5%	$0.72	$2,252		Provide campus standard building info signage.
System: HVAC System (7)						***Totals:***	***$796,202***	***$2,226,510***	
7569	Ventilating (B)	05-08-2019	05-08-2019	7	5%	$5.34	$16,704		Relocate laser room 122 to room 121 to avoid dust issues or upgrade dust filtration system.
6224	Cooling (C)	04-13-2016	04-13-2016	7	100%	$12.46	$779,498		Add cooling
System: Electrical System (9)						***Totals:***	***$175,794***	***$2,180,216***	
3077	Distribution (C)	05-09-2007	05-09-2007	7	5%	$11.24	$35,159		PROVIDE ADDITIONAL BRANCH CIRCUIT PANEL IN STUDIO SPACE
4360	Distribution (C)	05-12-2010	05-12-2010	7	20%	$11.24	$140,635		Add electrical capacity. MDP and panels are full. More required.
System: Safety System (11)						***Totals:***	***$342,829***	***$850,190***	
1435	Extinguishing System (B)	05-12-2004	05-09-2007	7	100%	$5.48	$342,829		Install fire suppression system.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus
Building: Swingle Health Center
Building Type/ Age Class: Teaching/Research Labs (4B)
Const. Date: 1957

Area Correction: 1.16
Gross Area: 21,781 Sq Ft
Cost/Sq Ft: $342.50
Replacement Cost: $7,459,992

Last Audit Date: 1/20/2023
Report Renewal Cost: $977,968
Deficiency Ratio: 13.1%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$311,414***	***$737,505***	
10373	Exterior Walls (A)	01-11-2023	01-11-2023	2	75%	$12.25	$200,113		Replace sofits and wood siding
10359	Exterior Windows (B)	01-11-2023	01-11-2023	2	100%	$5.11	$111,301		Replace single pane windows
System: Roof System (4)						***Totals:***	***$198,479***	***$351,545***	
10360	Covering (B)	01-11-2023	01-11-2023	2	75%	$7.90	$129,052		Replace roof covering (Last replaced 1990) no current leaks
10361	Insulation (C)	01-11-2023	01-11-2023	2	75%	$4.25	$69,427		Replace insulation at time of next roof replacement
System: Finishes (5)						***Totals:***	***$30,115***	***$1,473,049***	
10363	Ceilings (B)	01-11-2023	01-11-2023	2	1%	$14.31	$3,117		Replace 1x1 tiles as needed
10377	Floor Finishes (D)	01-20-2023	01-20-2023	2	5%	$12.19	$13,276		Replace broad loom flooring as needed
10362	Wall Finishes (E)	01-11-2023	01-11-2023	2	5%	$12.60	$13,722		Repaint walls as needed
System: Specialties (6)						***Totals:***	***$18,514***	***$563,474***	
10364	Signage/Directories (B)	01-11-2023	01-11-2023	3	100%	$0.85	$18,514		Update signage and directories
System: HVAC System (7)						***Totals:***	***$137,656***	***$1,006,282***	
10375	Cooling (C)	01-13-2023	01-13-2023	2	100%	$6.32	$137,656		Replace dental office HVAC unit, past useful life

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.16 | **Last Audit Date:** 1/20/2023

Building: Swingle Health Center | **Gross Area:** 21,781 Sq Ft | **Report Renewal Cost:** $977,968

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $342.50 | **Deficiency Ratio:** 13.1%

Const. Date: 1957 | **Replacement Cost:** $7,459,992

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$165,252***	***$1,652,742***	
10365	Fixtures (A)	01-11-2023	01-11-2023	2	10%	$15.74	$34,283		Replace fixtures as needed. Knee operated sinks failing, toilets failing, etc.
10366	Supply Piping (B)	01-11-2023	01-11-2023	2	10%	$41.37	$90,108		Supply piping expected life, showing signs of failure
10367	Waste Piping (C)	01-11-2023	01-11-2023	2	10%	$18.76	$40,861		Waste piping expected life, no signs of failure
System: Electrical System (9)						***Totals:***	***$44,465***	***$617,274***	
10369	Building Service (A)	01-11-2023	01-11-2023	2	20%	$3.30	$14,375		Replace generator
10368	Lighting (B)	01-11-2023	01-11-2023	5	15%	$9.21	$30,090		Upgrade lighting to LED throughout
System: Safety System (11)						***Totals:***	***$72,073***	***$271,391***	
10370	Extinguishing System (B)	01-11-2023	01-11-2023	3	40%	$5.98	$52,100		Add fire suppression system
10371	Exit/Emergency Lighting/Alarms (C	01-11-2023	01-11-2023	3	5%	$2.62	$2,853		Add emergency lighting
10372	Exit/Emergency Lighting/Alarms (C	01-11-2023	01-11-2023	3	30%	$2.62	$17,120		Fire alarm system due for replacement in 2036 (EST-IO64)

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 2/8/2023

Building: Black Box Theater | **Gross Area:** 13,777 Sq Ft | **Report Renewal Cost:** $128,906

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $314.15 | **Deficiency Ratio:** 2.9%

Const. Date: 2007 | **Replacement Cost:** $4,492,488

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$185***	***$90,377***	
5193	Exterior Steps/Retaining Walls (B)	07-10-2013	07-10-2013	2	1%	$1.34	$185		Repair spalling stairs.
System: Envelope (2)						***Totals:***	***$6,062***	***$354,620***	
4391	Exterior Walls (A)	08-11-2010	08-11-2010	2	5%	$6.92	$4,767		Monitor issues at siding panel connections and gaskets at metal cladding (leakage on stair, future problem in offices - vestibule on Black Box entrance)
7884	Exterior Windows (B)	07-10-2019	07-10-2019	2	1%	$9.40	$1,295		Replace failing window seals.
System: Roof System (4)						***Totals:***	***$8,865***	***$127,437***	
7885	Covering (B)	07-10-2019	07-10-2019	2	15%	$4.29	$8,865		Roof expected useful life. Some replaced in 2010 during hailstorm (asphault & rubber).
System: Finishes (5)						***Totals:***	***$44,569***	***$848,112***	
4393	Interior Doors/Hardware/Windows (	08-11-2010	08-11-2010	2	5%	$12.29	$8,466		Replace damaged acoustic ceiling panels in basement.
7883	Floor Finishes (D)	07-10-2019	07-10-2019	2	15%	$8.53	$17,628		Replace floor finishes (tiles, apoxy, etc.) as needed.
4392	Wall Finishes (E)	08-11-2010	07-10-2019	2	15%	$8.94	$18,475		Repair and paint interior walls.
System: Specialties (6)						***Totals:***	***$1,226***	***$245,644***	
10404	Signage/Directories (B)	02-08-2023	02-08-2023	3	10%	$0.89	$1,226		Update building signage
System: Plumbing System (8)						***Totals:***	***$32,748***	***$646,968***	
7886	Supply Piping (B)	07-10-2019	07-10-2019	2	10%	$23.77	$32,748		Supply lifespan.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus
Area Correction: 1.21
Last Audit Date: 2/8/2023

Building: Black Box Theater
Gross Area: 13,777 Sq Ft
Report Renewal Cost: $128,906

Building Type/ Age Class: General Classroom/Office (3C)
Cost/Sq Ft: $314.15
Deficiency Ratio: 2.9%

Const. Date: 2007
Replacement Cost: $4,492,488

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)					***Totals:***		***$26,080***	***$646,141***	
10405	Lighting (B)	02-08-2023	02-08-2023	2	15%	$12.62	$26,080		Upgrade lighting to LED
System: Safety System (11)					***Totals:***		***$9,171***	***$231,178***	
10408	Extinguishing System (B)	02-08-2023	02-08-2023	2	1%	$6.77	$933		Theater drappery will be due for replacement or treatment in 2025-2030
10406	Exit/Emergency Lighting/Alarms (C	02-08-2023	02-08-2023	3	5%	$5.98	$4,119		Fire alarm system upgrade
10407	Exit/Emergency Lighting/Alarms (C	02-08-2023	02-08-2023	3	5%	$5.98	$4,119		Upgrade emergency lighting

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 3/20/2023

Building: Cobleigh Hall | **Gross Area:** 99,100 Sq Ft | **Report Renewal Cost:** $4,918,096

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $283.45 | **Deficiency Ratio:** 18.4%

Const. Date: 1970 | **Replacement Cost:** $26,718,564

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$6,729***	***$777,935***	
6227	Footings/Foundation Walls (A)	05-11-2016	05-11-2016	2	1%	$6.79	$6,729		Fix grade to West side to alleviate water issues.
System: Envelope (2)						***Totals:***	***$901,315***	***$2,777,773***	
1438	Exterior Walls (A)	06-09-2004	05-08-2013	2	3%	$10.14	$30,146		Repoint joints and repair cracks throughout.
4963	Exterior Walls (A)	05-08-2013	05-08-2013	2	1%	$10.14	$10,049		Repair / replace spalled bricks.
4971	Exterior Walls (A)	05-08-2013	03-08-2023	2	10%	$10.14	$100,487		Monitor precast window eyebrows seperating from the exterior wall.
6229	Exterior Walls (A)	05-11-2016	05-11-2016	2	1%	$10.14	$10,049		Remove rust & repaint lentils over West entry.
7521	Exterior Walls (A)	02-13-2019	03-08-2023	2	20%	$10.14	$200,975		Monitor bowing of south-side brick exterior wall.
3169	Exterior Windows (B)	06-13-2007	06-13-2007	2	100%	$4.23	$419,193		Replace windows with thermopane and repair/replace window hardware.
4983	Exterior Doors/Hatches (C)	06-13-2007	05-11-2016	2	22%	$3.76	$81,976		Repair / replace rust damage on door frames (Penthouse Doors, North door West side)
6231	Exterior Doors/Hatches (C)	05-08-2013	05-11-2016	2	2%	$3.76	$7,452		Replace exterior door hinges as needed. (some replaced in 2015)
6233	Exterior Doors/Hatches (C)	06-13-2007	06-13-2007	2	10%	$3.76	$37,262		Repair rust damage on door slabs or replace door slabs. (penthouse doors, North door West Side)
6235	Exterior Doors/Hatches (C)	05-11-2016	05-11-2016	2	1%	$3.76	$3,726		Investigate drainage on West entry.
System: Floor System (3)						***Totals:***	***$10,495***	***$1,627,222***	
6236	Floor Structure (A)	05-11-2016	05-11-2016	2	1%	$10.59	$10,495		Monitor cracks in slab around concrete press (room 104).
System: Roof System (4)						***Totals:***	***$129,623***	***$1,323,976***	
10424	Covering (B)	03-20-2023	03-20-2023	2	20%	$6.54	$129,623		Roof past useful life

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 3/20/2023

Building: Cobleigh Hall | **Gross Area:** 99,100 Sq Ft | **Report Renewal Cost:** $4,918,096

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $283.45 | **Deficiency Ratio:** 18.4%

Const. Date: 1970 | **Replacement Cost:** $26,718,564

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$468,743***	***$5,546,627***	
242	Ceilings (B)	07-08-1992	06-13-2007	2	5%	$11.84	$58,667		Replace ceiling tile as needed.
5005	Floor Finishes (D)	05-08-2013	05-11-2016	2	10%	$10.09	$99,992		Repair / replace flooring as needed.
1437	Wall Finishes (E)	06-12-2001	05-08-2013	2	30%	$10.43	$310,084		PAINT INTERIOR WALLS AS NEEDED.
System: Specialties (6)						***Totals:***	***$255,876***	***$2,121,731***	
1442	Toilet Partitions (A)	06-09-2004	05-11-2016	2	90%	$2.08	$185,515		UPGRADE TOILET PARTITIONS.
1443	Signage/Directories (B)	06-09-2004	05-11-2016	3	100%	$0.71	$70,361		UPGRADE ROOM SIGNAGE TO CAMPUS STANDARDS
System: HVAC System (7)						***Totals:***	***$705,919***	***$3,788,593***	
244	Heating (A)	06-12-2001	06-13-2007	5	5%	$17.43	$86,366		INSULATE ALL CONDENSATE LINES.
246	Heating (A)	06-12-2001	05-11-2016	4	1%	$17.43	$17,273		Upgrade heat units in concrete labs. (pipes freezing)
4379	Heating (A)	06-09-2010	06-09-2010	2	5%	$17.43	$86,366		Repair/ replace/ upgrade steam condensate system serving water heater.
3162	Ventilating (B)	06-13-2007	02-13-2019	2	20%	$15.57	$308,597		Replace hood exhaust fans.
6239	Cooling (C)	05-11-2016	02-13-2019	2	20%	$5.23	$103,659		Condensation for Civil Engineering cooling tower getting in lab.
10420	Cooling (C)	03-15-2023	03-15-2023	2	10%	$5.23	$51,829		Replace Vacuum pump. End of life, still functional
10421	Cooling (C)	03-15-2023	03-15-2023	2	10%	$5.23	$51,829		Replace air compressor. End of life still funtioning

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 3/20/2023

Building: Cobleigh Hall | **Gross Area:** 99,100 Sq Ft | **Report Renewal Cost:** $4,918,096

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $283.45 | **Deficiency Ratio:** 18.4%

Const. Date: 1970 | **Replacement Cost:** $26,718,564

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$1,971,396***	***$6,222,489***	
1445	Fixtures (A)	06-09-2004	02-13-2019	6	50%	$13.03	$645,636		REPLACE SINKS & URINAL FIXTURES
6243	Supply Piping (B)	05-11-2016	05-11-2016	2	10%	$34.24	$339,318		Replace valves (beyond life).
10414	Supply Piping (B)	03-08-2023	03-08-2023	2	20%	$34.24	$678,637		Replace supply piping (beyond useful life, but still functioning)
10416	Waste Piping (C)	03-08-2023	03-08-2023	2	20%	$15.53	$307,805		Replace cast iron waste piping (beyond useful life but still functioning)
System: Electrical System (9)						***Totals:***	***$468,000***	***$2,323,895***	
6244	Building Service (A)	05-11-2016	02-13-2019	2	70%	$2.73	$189,380		Replace switchgear (beyond life, can't get replacement parts)
10418	Building Service (A)	03-08-2023	03-08-2023	2	20%	$2.73	$54,109		Replace generator (past useful life)
7520	Lighting (B)	02-13-2019	02-13-2019	5	15%	$7.63	$113,420		Update lighting to LED throughout.
5008	Distribution (C)	05-08-2013	03-08-2023	2	10%	$9.32	$92,361		Replace worn panels as nessecary.
1447	Voice/Data (D)	06-09-2004	06-13-2007	3	5%	$3.78	$18,730		REMOVE ABANDONED ITC CABLE THROUGHOUT THE BUILDING.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus
Building: Cobleigh Hall
Building Type/ Age Class: Teaching/Research Labs (4B)
Const. Date: 1970

Area Correction: 0.96
Gross Area: 99,100 Sq Ft
Cost/Sq Ft: $283.45
Replacement Cost: $26,718,564

Last Audit Date: 3/20/2023
Report Renewal Cost: $1,006,172
Deficiency Ratio: 3.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$34,546***	***$3,788,593***	
10423	Heating (A)	03-20-2023	03-20-2023	7	2%	$17.43	$34,546		Add heat to generator room.
System: Electrical System (9)						***Totals:***	***$277,084***	***$2,323,895***	
4376	Distribution (C)	06-09-2010	06-09-2010	7	30%	$9.32	$277,084		Upgrade electrical distribution to add capacity. (requires replacement of switchgear)
System: Conveying (10)						***Totals:***	***$139,483***	***$557,933***	
6246	Elevator/Lift (A)	05-11-2016	05-11-2016	7	25%	$5.63	$139,483		Replace ADA lift on 3rd floor (beyond useful life).
System: Safety System (11)						***Totals:***	***$555,059***	***$1,022,712***	
1449	Extinguishing System (B)	06-09-2004	06-13-2007	7	100%	$4.95	$490,545		INSTALL FIRE SUPPRESSION SYSTEM.
10417	Exit/Emergency Lighting/Alarms (C	03-08-2023	03-08-2023	7	30%	$2.17	$64,514		Alarm system network between Cobleigh, Roberts, Barnard

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 4/12/2023

Building: Visual Communications Building | **Gross Area:** 41,494 Sq Ft | **Report Renewal Cost:** $1,079,359

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $270.02 | **Deficiency Ratio:** 9.7%

Const. Date: 1983 | **Replacement Cost:** $11,106,463

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$2,386***	***$234,026***	
6259	Exterior Steps/Retaining Walls (B)	06-08-2016	06-08-2016	2	5%	$1.15	$2,386		Monitor crack in retaining wall (SE side).
System: Envelope (2)						***Totals:***	***$26,456***	***$917,847***	
1490	Exterior Walls (A)	07-14-2004	06-08-2016	2	8%	$5.95	$19,751		Replace caulk at brick expansion joints and control joints.
6261	Exterior Windows (B)	06-08-2016	05-08-2019	2	2%	$8.08	$6,705		Replace glazing where gaskets have failed (6 clearstory windows above entrance).
System: Roof System (4)						***Totals:***	***$192,076***	***$329,877***	
5177	Covering (B)	07-10-2013	04-12-2023	2	10%	$3.69	$15,311		Repair West roof covering (seams lifting, crack, etc)
6262	Covering (B)	06-08-2016	05-08-2019	2	75%	$3.69	$114,835		Replace roof (beyond life).
6264	Insulation (C)	06-08-2016	05-08-2019	2	75%	$1.99	$61,930		Replace insulation when roof is replaced.
System: Finishes (5)						***Totals:***	***$89,046***	***$2,195,448***	
343	Ceilings (B)	10-14-1998	06-08-2016	2	5%	$12.83	$26,618		Replace stained and damaged tiles as needed.
1491	Floor Finishes (D)	07-14-2004	04-12-2023	2	5%	$7.33	$15,208		Replace missing base trim as needed.
7947	Floor Finishes (D)	05-08-2019	05-08-2019	2	4%	$7.33	$12,166		Replace carpet as needed.
1492	Wall Finishes (E)	07-14-2004	07-14-2004	2	1%	$7.68	$3,187		REPAINT STAIR RAILINGS.
7949	Wall Finishes (E)	05-08-2019	05-08-2019	2	7%	$7.68	$22,307		Repaint interior walls as needed.
7950	Wall Finishes (E)	05-08-2019	05-08-2019	2	3%	$7.68	$9,560		Repair wall coverings.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Visual Communications Building
Building Type/ Age Class: General Classroom/Office (3C)
Const. Date: 1983

Area Correction: 1.04
Gross Area: 41,494 Sq Ft
Cost/Sq Ft: $270.02
Replacement Cost: $11,106,463

Last Audit Date: 4/12/2023
Report Renewal Cost: $1,079,359
Deficiency Ratio: 9.7%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$63,216***	***$636,103***	
5181	Signage/Directories (B)	07-10-2013	07-10-2013	3	5%	$0.77	$1,598		Add building info sign.
7952	Signage/Directories (B)	05-08-2019	05-08-2019	3	50%	$0.77	$15,975		Update and complete building signage.
346	Chalk/Tack/Whiteboards/Cabinets (	10-14-1998	05-08-2019	2	10%	$11.00	$45,643		Replace cabinets in rooms 113-121, 135, and 138.
System: HVAC System (7)						***Totals:***	***$387,883***	***$1,567,228***	
7954	Heating (A)	05-08-2019	05-08-2019	2	25%	$18.88	$195,852		Replace heat pumps that have obsolete refridgerant.
347	Ventilating (B)	08-09-1995	08-09-1995	2	6%	$5.67	$14,116		PROVIDE ADEQUATE VENTILATION IN CHEMICAL STORAGE ROOMS 139 & 140.
3444	Ventilating (B)	07-11-2007	07-11-2007	3	10%	$5.67	$23,527		IMPROVE VENTILATION IN PHOTO LABS
5190	Ventilating (B)	07-10-2013	07-10-2013	2	5%	$5.67	$11,764		Replace AHUs over studio.
348	Cooling (C)	07-10-2001	07-10-2001	2	1%	$13.22	$5,486		REPLACE EXTERIOR INSULATION ON COOLING TOWER AIR INTAKE AND EXHAUST.
7955	Cooling (C)	05-08-2019	05-08-2019	2	25%	$13.22	$137,138		Replace heat pumps that have obsolete refridgerant.
System: Plumbing System (8)						***Totals:***	***$201,316***	***$1,674,698***	
6268	Fixtures (A)	06-08-2016	06-08-2016	2	7%	$10.14	$29,452		Replace sinks in Men's and Women's restrooms on 1st and second floor.
7944	Fixtures (A)	05-08-2019	05-08-2019	2	5%	$10.14	$21,037		Replace sinks.
1494	Supply Piping (B)	07-14-2004	07-14-2004	2	3%	$20.43	$25,432		EVALUATE & REPAIR HOT WATER CIRC SYSTEM.
6269	Supply Piping (B)	06-08-2016	04-12-2023	2	10%	$20.43	$84,772		Monitor pipe (beyond life though it is still functioning ok).
7945	Waste Piping (C)	05-08-2019	04-12-2023	2	10%	$9.79	$40,623		Waste piping expected useful life.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.04 | **Last Audit Date:** 4/12/2023

Building: Visual Communications Building | **Gross Area:** 41,494 Sq Ft | **Report Renewal Cost:** $1,079,359

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $270.02 | **Deficiency Ratio:** 9.7%

Const. Date: 1983 | **Replacement Cost:** $11,106,463

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$90,042***	***$1,672,623***	
7957	Lighting (B)	05-08-2019	04-12-2023	5	20%	$10.85	$90,042		Upgrade lighting to LED throughout.
System: Safety System (11)						***Totals:***	***$26,938***	***$598,343***	
350	Egress (A)	08-12-1992	08-12-1992	3	5%	$3.46	$7,178		IMPROVE EGRESS FROM ROOM 138.
10427	Extinguishing System (B)	04-12-2023	04-12-2023	3	2%	$5.82	$4,830		Add fire supression system
10426	Exit/Emergency Lighting/Alarms (C	04-12-2023	04-12-2023	3	2%	$5.14	$4,266		Replace Emergency Lighting
10428	Exit/Emergency Lighting/Alarms (C	04-12-2023	04-12-2023	3	5%	$5.14	$10,664		Upgrade fire alarms to EST-4

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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- ☐ *6*
- ☑ *7*

Site: MSU-Bozeman Main Campus
Area Correction: 1.04
Last Audit Date: 7/14/2004

Building: Visual Communications Building
Gross Area: 41,494 Sq Ft
Report Renewal Cost: $241,495

Building Type/ Age Class: General Classroom/Office (3C)
Cost/Sq Ft: $270.02
Deficiency Ratio: 2.2%

Const. Date: 1983
Replacement Cost: $11,106,463

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)					*Totals:*		*$241,495*	*$598,343*	
1495	Extinguishing System (B)	07-14-2004	07-14-2004	7	100%	$5.82	$241,495		INSTALL FIRE SUPPRESSION SYSTEM.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 6/14/2023

Building: Traphagen Hall | **Gross Area:** 37,234 Sq Ft | **Report Renewal Cost:** $1,932,794

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 19.7%

Const. Date: 1920 | **Replacement Cost:** $9,809,430

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$43,379***	***$262,872***	
6271	Footings/Foundation Walls (A)	08-10-2016	08-10-2016	2	5%	$4.66	$8,676		Mitigate leaking into basement.
6272	Footings/Foundation Walls (A)	08-10-2016	08-10-2016	2	5%	$4.66	$8,676		Cracking sills on West foundation wall.
7934	Footings/Foundation Walls (A)	08-14-2019	08-14-2019	2	10%	$4.66	$17,351		Monitor spalling at interior foundation wall.
7942	Footings/Foundation Walls (A)	08-14-2019	08-14-2019	2	5%	$4.66	$8,676		Regrade land around exterior of building to create positive slope and prevent water inflitration into basement.
System: Envelope (2)						***Totals:***	***$133,383***	***$848,191***	
597	Exterior Walls (A)	11-06-1991	08-14-2013	2	2%	$6.18	$4,602		MASONRY POINTING AND CONCRETE BAND AT WEST SIDE.
1520	Exterior Walls (A)	08-11-2004	08-14-2013	2	3%	$6.18	$6,903		Water infiltration has damaged walls at East entry (close to roof drain). On going issue.
4399	Exterior Walls (A)	09-08-2010	09-08-2010	2	2%	$6.18	$4,602		Cement parging (sacking) at North & West wall needs to be repaired.
4404	Exterior Walls (A)	09-08-2010	09-08-2010	2	1%	$6.18	$2,301		Re-Stucco existing vertical walls at roof.
5203	Exterior Walls (A)	08-14-2013	06-14-2023	2	1%	$6.18	$2,301		Repaint soffit - East side above main door rotting, sagging, and squirrels living in holes.
7935	Exterior Walls (A)	08-14-2019	08-14-2019	2	2%	$6.18	$4,602		Remove efflorecence on brick (east side).
1522	Exterior Windows (B)	08-11-2004	08-14-2013	2	2%	$7.13	$5,310		Replace malfunctioning window latches as needed.
5205	Exterior Windows (B)	08-14-2013	08-14-2013	2	3%	$7.13	$7,964		Recaulk joint between window and walls.
10425	Exterior Windows (B)	06-14-2023	06-14-2023	2	30%	$7.13	$79,644		Replace windows
1523	Interior Columns/Beams (D)	08-11-2004	08-11-2004	2	5%	$8.14	$15,154		INVESTIGATE COLUMNS AT STAIR AT NORTH BASEMENT (CRUMBLING SURFACES)

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 6/14/2023

Building: Traphagen Hall | **Gross Area:** 37,234 Sq Ft | **Report Renewal Cost:** $1,932,794

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 19.7%

Const. Date: 1920 | **Replacement Cost:** $9,809,430

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Floor System (3)						***Totals:***	***$26,869***	***$1,048,509***	
598	Stair Treads/Risers (B)	10-13-1994	06-14-2023	3	5%	$6.56	$12,213		Restore decorative infill at stair rails (gaps too big)
6276	Stair Treads/Risers (B)	08-10-2016	08-10-2016	2	5%	$6.56	$12,213		Replace (interior) entry handrails with ADA handrails.
7936	Stair Treads/Risers (B)	08-14-2019	08-14-2019	2	1%	$6.56	$2,443		Repair spalling stairs tha lead into basement.
System: Roof System (4)						***Totals:***	***$112,521***	***$328,776***	
4403	Covering (B)	09-08-2010	06-14-2023	2	3%	$4.40	$4,915		Monitor drain over East entry.
4405	Covering (B)	09-08-2010	09-08-2010	2	1%	$4.40	$1,638		Replace missing endcaps at West and North entry.
7937	Covering (B)	08-14-2019	06-14-2023	2	60%	$4.40	$98,298		Roof expected useful life - last replaced in 1985.
7938	Insulation (C)	08-14-2019	08-14-2019	2	10%	$2.06	$7,670		Replace roof insulation.
System: Finishes (5)						***Totals:***	***$187,686***	***$2,209,838***	
10427	Ceilings (B)	06-14-2023	06-14-2023	2	5%	$14.65	$27,274		Replace ceiling tiles as needed
1526	Interior Doors/Hardware/Windows (	08-11-2004	08-14-2013	6	15%	$10.97	$61,269		REPLACE DOORS THAT ARE NOT HISTORICALLY APPROPRIATE.
7939	Interior Doors/Hardware/Windows (	08-14-2019	08-14-2019	2	1%	$10.97	$4,085		Upgrade door hardware to campus standard.
1527	Floor Finishes (D)	08-11-2004	06-14-2023	2	20%	$8.38	$62,404		Replace worn out carpet and tile (as needed).
1513	Wall Finishes (E)	08-14-2001	08-14-2019	2	10%	$8.77	$32,654		Repaint walls as needed.
System: Specialties (6)						***Totals:***	***$15,266***	***$565,212***	
6277	Toilet Partitions (A)	08-10-2016	08-14-2019	2	20%	$1.85	$13,777		Upgrade partitions.
1528	Signage/Directories (B)	08-11-2004	08-14-2013	2	5%	$0.80	$1,489		Install building directories. (room signage is up to date).

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 6/14/2023

Building: Traphagen Hall | **Gross Area:** 37,234 Sq Ft | **Report Renewal Cost:** $1,932,794

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 19.7%

Const. Date: 1920 | **Replacement Cost:** $9,809,430

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$161,577***	***$1,004,201***	
5209	Heating (A)	08-14-2013	08-14-2013	2	5%	$11.77	$21,912		Replace room ventilators.
6274	Heating (A)	08-10-2016	08-10-2016	2	10%	$11.77	$43,824		Upgrade HVAC system for energy conservation and because it is beyond life.
10429	Heating (A)	06-14-2023	06-14-2023	2	15%	$11.77	$65,737		Replace worn out steam and condensate, due for replacement.
1530	Ventilating (B)	08-11-2004	08-14-2013	2	15%	$1.47	$8,210		Provide ventilation in bathrooms throughout.
10432	Ventilating (B)	06-14-2023	06-14-2023	3	40%	$1.47	$21,894		Provide ventilation in basement and rooms throughout
System: Plumbing System (8)						***Totals:***	***$735,558***	***$1,345,637***	
10434	Fixtures (A)	06-14-2023	06-14-2023	2	25%	$7.90	$73,537		replace plumbing fixtures (excludes hot water heater)
10436	Supply Piping (B)	06-14-2023	06-14-2023	2	50%	$19.09	$355,399		replace all galvanized piping - beyond EUL
5212	Waste Piping (C)	08-14-2013	08-14-2013	2	90%	$9.15	$306,622		Replace waste piping - Beyond expected useful life.
System: Electrical System (9)						***Totals:***	***$252,790***	***$1,300,956***	
10438	Building Service (A)	06-14-2023	06-14-2023	2	5%	$7.26	$13,516		upgrade main feeders
7941	Lighting (B)	08-14-2019	06-14-2023	5	20%	$9.01	$67,096		Upgrade lighting to LED throughout.
604	Distribution (C)	11-06-1991	08-14-2013	3	40%	$11.01	$163,979		Replace secondary distribution system, building wiring, etc.
5215	Distribution (C)	08-14-2013	08-14-2013	2	2%	$11.01	$8,199		Install GFCI outlets in basement.
System: Conveying (10)						***Totals:***	***$38,872***	***$259,149***	
1517	Elevator/Lift (A)	08-14-2001	09-08-2010	2	5%	$6.96	$12,957		Upgrade Cab Interior (honeycomb acrylic ceiling).
10440	Elevator/Lift (A)	06-14-2023	06-14-2023	2	10%	$6.96	$25,915		Upgrade elevator system

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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☑ 6
☐ 7

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 6/14/2023

Building: Traphagen Hall | **Gross Area:** 37,234 Sq Ft | **Report Renewal Cost:** $1,932,794

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 19.7%

Const. Date: 1920 | **Replacement Cost:** $9,809,430

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	***$224,893***	***$557,393***	
6351	Extinguishing System (B)	12-14-2016	06-14-2023	3	100%	$6.04	$224,893		Install fire suppression system. (firecode requires existing buildings with open stairwells to have a fire suppression system) - panel replaced in 2020

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 6/14/2023

Building: Traphagen Hall | **Gross Area:** 37,234 Sq Ft | **Report Renewal Cost:** $367,593

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 3.7%

Const. Date: 1920 | **Replacement Cost:** $9,809,430

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$238,931***	***$848,191***	
1521	Exterior Windows (B)	08-11-2004	09-08-2010	7	90%	$7.13	$238,931		REPLACE WINDOWS WITH HISTORICALLY ACCURATE TYPE.
System: HVAC System (7)						***Totals:***	***$43,824***	***$1,004,201***	
10422	Heating (A)	06-14-2023	06-14-2023	7	5%	$11.77	$21,912		Upgrade unoccupied steam controls
10423	Heating (A)	06-14-2023	06-14-2023	7	5%	$11.77	$21,912		Replace condenstade skids
System: Plumbing System (8)						***Totals:***	***$64,955***	***$1,345,637***	
10421	Fixtures (A)	06-14-2023	06-14-2023	7	10%	$7.90	$29,415		Upgrade to low flow fixtures
602	Supply Piping (B)	08-14-2001	09-08-2010	7	5%	$19.09	$35,540		Add circulation line.
System: Safety System (11)						***Totals:***	***$19,883***	***$557,393***	
10424	Exit/Emergency Lighting/Alarms (C	06-14-2023	06-14-2023	7	10%	$5.34	$19,883		Upgrade emergency exit lighting

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus
Building: Leon Johnson Hall
Building Type/ Age Class: Teaching/Research Labs (4B)
Const. Date: 1973

Area Correction: 0.94
Gross Area: 125,480 Sq Ft
Cost/Sq Ft: $277.54
Replacement Cost: $32,617,954

Last Audit Date: 7/14/2023
Report Renewal Cost: $4,603,735
Deficiency Ratio: 14.1%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$9,649***	***$964,941***	
8017	Footings/Foundation Walls (A)	09-11-2019	09-11-2019	2	1%	$6.65	$8,344		Monitor foundation leaks at west corridor, second floor.
6280	Exterior Steps/Retaining Walls (B)	09-14-2016	09-14-2016	2	1%	$1.04	$1,305		Seal concrete joints on Annex ramp.
System: Envelope (2)						***Totals:***	***$17,655***	***$3,443,171***	
1499	Exterior Walls (A)	09-08-2004	09-14-2016	2	1%	$9.93	$12,460		Clean exterior brick façade at Annex and West side.
252	Exterior Windows (B)	09-11-2001	09-11-2013	2	1%	$4.14	$5,195		Recaulk windows at corner.
System: Roof System (4)						***Totals:***	***$521,997***	***$1,641,278***	
8018	Covering (B)	09-11-2019	07-14-2023	2	65%	$6.40	$521,997		Roof expected useful life: new roof covering in 2004 - single ply. Multiple leaks/patches
System: Finishes (5)						***Totals:***	***$269,243***	***$6,876,304***	
6283	Ceilings (B)	09-14-2016	09-11-2019	2	5%	$11.59	$72,716		Replace damaged ceiling tiles as needed.
6288	Interior Doors/Hardware/Windows (	09-14-2016	09-14-2016	3	2%	$2.56	$6,425		Investigate and monitor panic hardware on fire egress doors.
255	Floor Finishes (D)	09-09-1992	10-13-2010	2	5%	$9.88	$61,987		Replace worn out carpeting.
6289	Wall Finishes (E)	09-14-2016	09-11-2019	2	10%	$10.21	$128,115		Repaint walls as necessary.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
1
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Site: MSU-Bozeman Main Campus
Building: Leon Johnson Hall
Building Type/ Age Class: Teaching/Research Labs (4B)
Const. Date: 1973

Area Correction: 0.94
Gross Area: 125,480 Sq Ft
Cost/Sq Ft: $277.54
Replacement Cost: $32,617,954

Last Audit Date: 7/14/2023
Report Renewal Cost: $4,603,735
Deficiency Ratio: 14.1%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$338,231***	***$2,630,061***	
6282	Toilet Partitions (A)	09-14-2016	09-11-2019	2	5%	$2.04	$12,799		Replace toilet partitions.
256	Signage/Directories (B)	09-11-2001	07-14-2023	4	50%	$0.69	$43,291		Replace signs (only 4,5, and 6th floors done).
5226	Signage/Directories (B)	09-11-2013	09-11-2013	4	5%	$0.69	$4,329		Replace directories.
10779	Fixed Seating/Risers (C)	07-14-2023	07-14-2023	2	5%	$1.10	$6,901		Replace/Repair fixed seating in Rm 339 - dated/worn
3461	Chalk/Tack/Whiteboards/Cabinets (	09-12-2007	09-11-2019	2	20%	$9.94	$249,454		Replace damage/worn lab countertops and cabinents.
5228	Walk-in Cooler (J)	09-11-2013	09-11-2013	2	5%	$3.42	$21,457		Replace 5th floor wooden walk in cooler.
System: HVAC System (7)						***Totals:***	***$990,702***	***$4,697,971***	
4413	Heating (A)	10-13-2010	09-11-2013	2	5%	$17.07	$107,097		Replace / repair heating coils in HUVs.
10780	Heating (A)	07-14-2023	07-14-2023	2	2%	$17.07	$42,839		Replace Jace
10785	Heating (A)	07-14-2023	07-14-2023	2	10%	$17.07	$214,194		Replace 3rd floor AHU
6292	Ventilating (B)	09-14-2016	09-14-2016	2	10%	$15.25	$191,357		Replace Climate cool module butterfly valves as required.
10781	Ventilating (B)	07-14-2023	07-14-2023	2	2%	$15.25	$38,271		Replace Jace
10786	Ventilating (B)	07-14-2023	07-14-2023	2	10%	$15.25	$191,357		Replace 3rd floor AHU
10782	Cooling (C)	07-14-2023	07-14-2023	2	2%	$5.12	$12,849		Replace Jace
10783	Cooling (C)	07-14-2023	07-14-2023	2	15%	$5.12	$96,369		Replace cooling towers
10784	Cooling (C)	07-14-2023	07-14-2023	2	5%	$5.12	$32,123		Seed lab AC unit failing
10787	Cooling (C)	07-14-2023	07-14-2023	2	10%	$5.12	$64,246		Replace 3rd floor AHU

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
1 2 3 4 5 6 7

Site: MSU-Bozeman Main Campus
Building: Leon Johnson Hall
Building Type/ Age Class: Teaching/Research Labs (4B)
Const. Date: 1973

Area Correction: 0.94
Gross Area: 125,480 Sq Ft
Cost/Sq Ft: $277.54
Replacement Cost: $32,617,954

Last Audit Date: 7/14/2023
Report Renewal Cost: $4,603,735
Deficiency Ratio: 14.1%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)							***Totals: $1,555,525***	***$7,715,765***	
6295	Supply Piping (B)	09-14-2016	09-14-2016	2	5%	$33.52	$210,304		Replace PVC air piping lines throughout building.
8019	Supply Piping (B)	09-11-2019	09-11-2019	5	5%	$33.52	$210,304		Upgrade urinal valves.
8020	Supply Piping (B)	09-11-2019	09-11-2019	2	15%	$33.52	$630,913		Supply piping expected useful life.
10789	Supply Piping (B)	07-14-2023	07-14-2023	2	2%	$33.52	$84,122		Monitor/investigate flooding in basement mec room (leaks everytime it rains)
6287	Waste Piping (C)	09-14-2016	09-14-2016	3	5%	$15.21	$95,428		Install tower roof overflows (rain piping) as needed.
6297	Waste Piping (C)	09-14-2016	07-14-2023	2	2%	$15.21	$38,171		Replace glass waste pipe (to prevent clogging).
8021	Waste Piping (C)	09-11-2019	09-11-2019	2	15%	$15.21	$286,283		Waste piping expected useful life.
System: Electrical System (9)							***Totals: $209,338***	***$2,881,021***	
6285	Lighting (B)	09-14-2016	09-11-2019	5	15%	$7.47	$140,600		Upgrade lighting to LED and install occupancy sensors throughout.
8023	Distribution (C)	09-11-2019	09-11-2019	3	1%	$9.13	$11,456		Upgrade outlets near safety showers to GFCI.
10788	Distribution (C)	07-14-2023	07-14-2023	2	5%	$9.13	$57,282		Address short circuit issues
System: Conveying (10)							***Totals: $691,395***	***$691,395***	
1509	Elevator/Lift (A)	09-08-2004	09-11-2019	2	100%	$5.51	$691,395		Upgrade elevator.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☐ 1
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Site: MSU-Bozeman Main Campus
Building: Leon Johnson Hall
Building Type/ Age Class: Teaching/Research Labs (4B)
Const. Date: 1973

Area Correction: 0.94
Gross Area: 125,480 Sq Ft
Cost/Sq Ft: $277.54
Replacement Cost: $32,617,954

Last Audit Date: 7/14/2023
Report Renewal Cost: $836,788
Deficiency Ratio: 2.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$467,538***	***$3,443,171***	
3459	Exterior Windows (B)	09-12-2007	09-12-2007	7	90%	$4.14	$467,538		Replace exterior glazing in Tower with Thermal Pane Windows.
System: HVAC System (7)						***Totals:***	***$21,419***	***$4,697,971***	
6293	Heating (A)	09-14-2016	09-14-2016	7	1%	$17.07	$21,419		Install additional isolation valve on heat recovery loop.
System: Plumbing System (8)						***Totals:***	***$256,180***	***$7,715,765***	
1506	Fixtures (A)	09-08-2004	09-12-2007	7	15%	$12.76	$240,169		Replace and relocate eyewash/safety showers to meet current standard with hot water line.
8024	Fixtures (A)	09-11-2019	07-14-2023	7	1%	$12.76	$16,011		There is not enough clearance between sinks and partitions in mens & womens' bathrooms for ADA access.
System: Electrical System (9)						***Totals:***	***$91,651***	***$2,881,021***	
5232	Distribution (C)	09-11-2013	09-11-2013	7	8%	$9.13	$91,651		Upgrade / add service panels for greater capacity.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 9/11/2023

Building: Marsh Laboratory | **Gross Area:** 31,018 Sq Ft | **Report Renewal Cost:** $3,070,798

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $318.88 | **Deficiency Ratio:** 31.0%

Const. Date: 1961 | **Replacement Cost:** $9,891,330

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$91,131***	***$273,889***	
171	Footings/Foundation Walls (A)	10-17-2001	10-12-2016	2	20%	$7.64	$47,396		Repair / replace exterior concrete at entries (2 Entrys: 1. entry between rooms 77 & 83A, 2. entry between rooms 94 & 112.)
4422	Footings/Foundation Walls (A)	11-10-2010	10-09-2013	2	5%	$7.64	$11,849		Replace concrete at loading dock.
6305	Footings/Foundation Walls (A)	10-12-2016	10-12-2016	2	10%	$7.64	$23,698		Spalling to foundation edge
5255	Exterior Steps/Retaining Walls (B)	10-09-2013	10-09-2013	2	10%	$1.20	$3,722		Replace steps to basement.
6307	Exterior Steps/Retaining Walls (B)	10-12-2016	10-12-2016	2	10%	$1.20	$3,722		Replace concrete on exterior steps at west entrance
10818	Exterior Steps/Retaining Walls (B)	08-09-2023	08-09-2023	2	2%	$1.20	$744		Repair exterior retaining walls and brick at East entrance
System: Envelope (2)						***Totals:***	***$288,573***	***$977,998***	
173	Exterior Walls (A)	10-17-2001	10-09-2013	5	30%	$11.41	$106,175		Replace exterior metal panels with insulated type. (contingent on installing central AC system)
5257	Exterior Walls (A)	10-17-2001	08-22-2023	2	5%	$11.41	$17,696		Caulk exterior metal panels.
172	Exterior Windows (B)	10-17-2001	08-22-2023	2	10%	$4.76	$14,765		Replace gaskets/caulk exterior windows.
174	Exterior Windows (B)	10-14-1992	10-10-2007	2	90%	$4.76	$132,881		Replace exterior windows. (Windows and metal panels are one assembly. Replacing one will require replacing the other.)
1536	Exterior Doors/Hatches (C)	10-13-2004	10-13-2004	2	5%	$4.23	$6,560		Replace/upgrade exterior door hardware.
3477	Exterior Doors/Hatches (C)	10-10-2007	10-09-2013	2	8%	$4.23	$10,496		Repaint doors & frames.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Marsh Laboratory
Building Type/ Age Class: Teaching/Research Labs (4B)
Const. Date: 1961

Area Correction: 1.08
Gross Area: 31,018 Sq Ft
Cost/Sq Ft: $318.88
Replacement Cost: $9,891,330

Last Audit Date: 9/11/2023
Report Renewal Cost: $3,070,798
Deficiency Ratio: 31.0%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)						***Totals:***	***$92,960***	***$466,201***	
5261	Covering (B)	10-09-2013	10-09-2013	2	20%	$7.35	$45,596		Replace roof covering over Necropsy Lab and insulation - 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).
10815	Covering (B)	08-09-2023	08-09-2023	2	10%	$7.35	$22,798		Replace roof covering/insulation on main
5276	Insulation (C)	10-09-2013	10-09-2013	2	20%	$3.96	$24,566		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).
System: Finishes (5)						***Totals:***	***$290,468***	***$1,952,893***	
177	Ceilings (B)	10-17-2001	08-22-2023	2	15%	$13.32	$61,974		Replace damaged ceiling tile as needed.
1535	Ceilings (B)	10-11-1995	10-09-2019	2	15%	$13.32	$61,974		Paint interior ceiling as needed.
1538	Interior Doors/Hardware/Windows (	10-13-2004	10-13-2004	2	5%	$2.94	$4,560		Paint interior doors.
179	Floor Finishes (D)	10-17-2001	10-09-2019	2	15%	$11.35	$52,808		Replace damaged floor tile.
3486	Wall Finishes (E)	10-10-2007	08-22-2023	2	30%	$11.73	$109,152		Patch and paint interior walls as needed.
System: Specialties (6)						***Totals:***	***$202,423***	***$747,224***	
3479	Toilet Partitions (A)	10-10-2007	10-09-2013	2	65%	$2.34	$47,178		Replace toilet partitions.
180	Chalk/Tack/Whiteboards/Cabinets (	10-17-2001	10-09-2019	2	40%	$11.43	$141,814		Repair/replace damaged cabinets in Labs.
1539	Fume Hoods (E)	10-13-2004	10-09-2019	3	10%	$4.33	$13,431		Replace wooden fume hood in room #4. Currently used for insect storage.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 9/11/2023

Building: Marsh Laboratory | **Gross Area:** 31,018 Sq Ft | **Report Renewal Cost:** $3,070,798

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $318.88 | **Deficiency Ratio:** 31.0%

Const. Date: 1961 | **Replacement Cost:** $9,891,330

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$981,089***	***$1,334,084***	
1541	Heating (A)	10-13-2004	09-11-2023	2	15%	$19.61	$91,239		Upgrade control system and recommission.
3481	Heating (A)	10-10-2007	10-09-2013	2	50%	$19.61	$304,131		Replace boilers.
3480	Ventilating (B)	10-10-2007	10-09-2013	2	15%	$17.52	$81,515		Upgrade control system and recommission.
3482	Ventilating (B)	10-10-2007	09-11-2023	2	20%	$17.52	$108,687		Replace mixing boxes 1/2 complete, 1/2 in progress
4424	Ventilating (B)	11-10-2010	10-09-2013	2	6%	$17.52	$32,606		Repair damper actuators on general exhaust.
5265	Ventilating (B)	10-09-2013	10-09-2013	4	50%	$17.52	$271,718		Upgrade vent exhaust systems.
183	Cooling (C)	10-14-1992	08-22-2023	2	30%	$5.88	$54,716		Replace room 33 & 34 walk-in cooler. (3 out of 5 walk in coolers).
10817	Cooling (C)	08-09-2023	09-11-2023	2	20%	$5.88	$36,477		AHU 1 & 3 condenser units
System: Plumbing System (8)						***Totals:***	***$624,284***	***$2,191,112***	
184	Fixtures (A)	10-14-1992	10-10-2007	2	45%	$14.66	$204,626		Replace faucets & bathroom fixtures throughout.
186	Fixtures (A)	10-17-2001	10-09-2013	2	30%	$14.66	$136,417		Replace hot water storage tank and pump.
4425	Fixtures (A)	11-10-2010	11-10-2010	2	5%	$14.66	$22,736		Replace faucets at lab sinks.
10820	Supply Piping (B)	08-22-2023	08-22-2023	2	15%	$38.52	$179,222		Replace galvanized piping
10822	Waste Piping (C)	08-22-2023	08-22-2023	2	15%	$17.47	$81,283		Replace acid waste and vent lines - EUL
System: Electrical System (9)						***Totals:***	***$251,416***	***$818,255***	
7980	Lighting (B)	10-09-2019	10-09-2019	5	15%	$8.58	$39,920		Upgrade lighting to LED throughout.
3483	Distribution (C)	10-10-2007	09-11-2023	2	65%	$10.49	$211,496		Replace old distribution panels, wiring, and outlets will be completed in a remodel

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
1 2 3 4 5 6 7

Site:	MSU-Bozeman Main Campus	**Area Correction:**	1.08	**Last Audit Date:**	9/11/2023
Building:	Marsh Laboratory	**Gross Area:**	31,018 Sq Ft	**Report Renewal Cost:**	$3,070,798
Building Type/ Age Class:	Teaching/Research Labs (4B)	**Cost/Sq Ft:**	$318.88	**Deficiency Ratio:**	31.0%
Const. Date:	1961	**Replacement Cost:**	$9,891,330		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	***$248,454***	***$359,809***	
7984	Extinguishing System (B)	10-09-2019	10-09-2019	2	100%	$5.57	$172,770		Upgrade fire extinguishing system.
7982	Exit/Emergency Lighting/Alarms (C	10-09-2019	10-09-2019	2	100%	$2.44	$75,684		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.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
- [ ] 1
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Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 9/11/2023

Building: Marsh Laboratory | **Gross Area:** 31,018 Sq Ft | **Report Renewal Cost:** $973,008

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $318.88 | **Deficiency Ratio:** 9.8%

Const. Date: 1961 | **Replacement Cost:** $9,891,330

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$24,815***	***$747,224***	
4423	Signage/Directories (B)	11-10-2010	10-09-2013	7	95%	$0.80	$23,574		Install room signage.
5263	Signage/Directories (B)	10-09-2013	10-09-2013	7	5%	$0.80	$1,241		Install building directory sign.
System: HVAC System (7)						***Totals:***	***$109,432***	***$1,334,084***	
6308	Cooling (C)	10-12-2016	09-11-2023	7	60%	$5.88	$109,432		Install cooling in entire building
System: Plumbing System (8)						***Totals:***	***$454,724***	***$2,191,112***	
185	Fixtures (A)	10-11-1995	09-11-2023	7	100%	$14.66	$454,724		Install eyewash and emergency showers in all labs.
System: Electrical System (9)						***Totals:***	***$309,110***	***$818,255***	
189	Distribution (C)	10-17-2001	10-12-2016	7	95%	$10.49	$309,110		Install branch service distribution panels for more capacity.
System: Safety System (11)						***Totals:***	***$74,927***	***$359,809***	
3484	Exit/Emergency Lighting/Alarms (C	10-10-2007	10-09-2013	7	36%	$2.44	$27,246		Supplement manual pull stations with automatic smoke / heat detection.
5272	Exit/Emergency Lighting/Alarms (C	10-09-2013	10-12-2016	7	60%	$2.44	$45,410		Add emergency generator.
5274	Exit/Emergency Lighting/Alarms (C	10-09-2013	10-09-2013	7	3%	$2.44	$2,271		Add horns & strobes for half the building.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Marsh Lab Modular #1 South
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 1998

Area Correction: 1.44
Gross Area: 2,098 Sq Ft
Cost/Sq Ft: $427.98
Replacement Cost: $898,758

Last Audit Date: 8/22/2023
Report Renewal Cost: $31,465
Deficiency Ratio: 3.5%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$2,136***	***$24,714***	
7960	Footings/Foundation Walls (A)	10-09-2019	10-09-2019	2	10%	$10.18	$2,136		Monitor building settling.
System: Envelope (2)						***Totals:***	***$4,963***	***$88,200***	
7962	Exterior Walls (A)	10-09-2019	10-09-2019	2	10%	$15.21	$3,191		Refinish siding.
10824	Exterior Doors/Hatches (C)	08-22-2023	08-22-2023	2	10%	$5.63	$1,181		Replace door trim on south side
10825	Exterior Doors/Hatches (C)	08-22-2023	08-22-2023	2	5%	$5.63	$591		Stain stairs/deck
System: Floor System (3)						***Totals:***	***$3,334***	***$51,674***	
10826	Floor Structure (A)	08-22-2023	08-22-2023	2	10%	$15.89	$3,334		Update flooring
System: Roof System (4)						***Totals:***	***$4,112***	***$42,023***	
7961	Covering (B)	10-09-2019	10-09-2019	2	20%	$9.80	$4,112		Replace roof covering.
System: Specialties (6)						***Totals:***	***$2,224***	***$63,863***	
7966	Signage/Directories (B)	10-09-2019	10-09-2019	3	100%	$1.06	$2,224		Upgrade building signage throughout.
System: HVAC System (7)						***Totals:***	***$10,696***	***$120,320***	
7964	Heating (A)	10-09-2019	10-09-2019	2	15%	$26.15	$8,229		Monitor heating system.
7965	Cooling (C)	10-09-2019	10-09-2019	2	15%	$7.84	$2,467		Monitor cooling system.
System: Electrical System (9)						***Totals:***	***$4,000***	***$81,046***	
7963	Lighting (B)	10-09-2019	10-09-2019	5	15%	$12.71	$4,000		Upgrade lighting to LED throughout.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Marsh Lab Modular #2 North
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 2001

Area Correction: 1.44
Gross Area: 2,283 Sq Ft
Cost/Sq Ft: $427.98
Replacement Cost: $950,116

Last Audit Date: 8/9/2023
Report Renewal Cost: $45,987
Deficiency Ratio: 4.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$8,954***	***$95,977***	
7969	Exterior Walls (A)	10-09-2019	10-09-2019	2	20%	$15.21	$6,945		Refinish siding.
7974	Exterior Windows (B)	10-09-2019	10-09-2019	2	5%	$6.34	$724		Repair exterior window. Signs of water infiltration.
10813	Exterior Doors/Hatches (C)	08-09-2023	08-09-2023	2	10%	$5.63	$1,285		Exit door on south has trouble closing. Trim need work.
System: Floor System (3)						***Totals:***	***$9,252***	***$56,230***	
10804	Floor Structure (A)	08-09-2023	08-09-2023	2	10%	$15.89	$3,628		Repair flooring
10811	Floor Structure (A)	08-09-2023	08-09-2023	2	10%	$15.89	$3,628		Repair flooring throughout.
10802	Stair Treads/Risers (B)	08-09-2023	08-09-2023	2	5%	$8.74	$998		Refinish/Repair Stairs
10810	Stair Treads/Risers (B)	08-09-2023	08-09-2023	2	5%	$8.74	$998		Stain the stairs and deck.
System: Finishes (5)						***Totals:***	***$7,142***	***$191,658***	
10806	Wall Finishes (E)	08-09-2023	08-09-2023	2	10%	$15.64	$3,571		Paint walls
10812	Wall Finishes (E)	08-09-2023	08-09-2023	2	10%	$15.64	$3,571		Paint walls.
System: Specialties (6)						***Totals:***	***$2,420***	***$69,495***	
7972	Signage/Directories (B)	10-09-2019	10-09-2019	3	100%	$1.06	$2,420		Upgrade building signage.
System: HVAC System (7)						***Totals:***	***$11,640***	***$130,930***	
7975	Heating (A)	10-09-2019	10-09-2019	2	15%	$26.15	$8,955		Monitor heating system.
7976	Cooling (C)	10-09-2019	10-09-2019	2	15%	$7.84	$2,685		Monitor cooling system.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Marsh Lab Modular #2 North
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 2001

Area Correction: 1.44
Gross Area: 2,283 Sq Ft
Cost/Sq Ft: $427.98
Replacement Cost: $950,116

Last Audit Date: 8/9/2023
Report Renewal Cost: $45,987
Deficiency Ratio: 4.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$4,353***	***$88,192***	
7978	Lighting (B)	10-09-2019	10-09-2019	5	15%	$12.71	$4,353		Upgrade lighting to LED throughout.
System: Safety System (11)						***Totals:***	***$2,226***	***$35,318***	
7968	Exit/Emergency Lighting/Alarms (C	10-09-2019	10-09-2019	3	30%	$3.25	$2,226		Upgrade emergency lighting.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Area Correction: 0.96
Last Audit Date: 9/13/2023

Building: Chemistry and Biochem Building
Gross Area: 90,408 Sq Ft
Report Renewal Cost: $1,156,085

Building Type/ Age Class: Teaching/Research Labs (4C)
Cost/Sq Ft: $285.32
Deficiency Ratio: 4.5%

Const. Date: 2007
Replacement Cost: $25,784,701

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$12,278***	***$709,703***	
6167	Footings/Foundation Walls (A)	02-10-2016	02-10-2016	2	1%	$6.79	$6,139		Remedy foundation leak in Mech room (room #6).
6168	Footings/Foundation Walls (A)	02-10-2016	02-10-2016	2	1%	$6.79	$6,139		Repair spalling on concrete foundation of the Chemistry Store building.
System: Envelope (2)						***Totals:***	***$51,967***	***$2,534,136***	
4313	Exterior Walls (A)	03-25-2010	03-10-2010	2	2%	$10.14	$18,335		Remove efforescence from brick (due to lack of flashing membrane below Parapet).
4314	Exterior Walls (A)	03-25-2010	03-10-2010	2	2%	$10.14	$18,335		Finish on steel members is fading (5-10 years).
7533	Exterior Windows (B)	03-13-2019	09-13-2023	2	4%	$4.23	$15,297		4 Window seals on SE corner of buuilding (main entrance) are failing.
System: Roof System (4)						***Totals:***	***$218,769***	***$1,207,851***	
7535	Covering (B)	03-13-2019	09-13-2023	2	37%	$6.54	$218,769		Roof is 14 years old with 30 year lifespan.
System: Finishes (5)						***Totals:***	***$30,776***	***$5,060,136***	
4748	Interior Wall Systems (A)	02-13-2013	02-13-2013	6	1%	$21.00	$18,986		Monitor cracking at South East lobby bulkhead.
6170	Interior Doors/Hardware/Windows (	02-10-2016	02-10-2016	2	1%	$2.61	$2,360		Replace warping door slabs as needed.
6173	Wall Finishes (E)	02-10-2016	09-13-2023	2	1%	$10.43	$9,430		Repaint as needed
System: Specialties (6)						***Totals:***	***$27,556***	***$1,835,282***	
6171	Chalk/Tack/Whiteboards/Cabinets (	02-10-2016	02-10-2016	2	3%	$10.16	$27,556		Replace warping whiteboards as needed.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 9/13/2023

Building: Chemistry and Biochem Building | **Gross Area:** 90,408 Sq Ft | **Report Renewal Cost:** $1,156,085

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $285.32 | **Deficiency Ratio:** 4.5%

Const. Date: 2007 | **Replacement Cost:** $25,784,701

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$178,484***	***$3,456,298***	
7541	Ventilating (B)	03-13-2019	09-13-2023	2	1%	$15.57	$14,077		Chemistry Stores AHU leaks through roof during periods of heavy precipitation.
10832	Ventilating (B)	09-13-2023	09-13-2023	2	10%	$15.57	$140,765		Upgrade phoenix valves (project initiated with Loras)
7538	Cooling (C)	03-13-2019	03-13-2019	2	5%	$5.23	$23,642		Relocate lower sump to prevent current water and corrosion issues. THIS IS A HIGH PRIORITY FOR BUILDING.
System: Plumbing System (8)						***Totals:***	***$12,395***	***$5,739,100***	
4323	Fixtures (A)	03-10-2010	03-10-2010	2	1%	$13.71	$12,395		Replace poor quality DI fixtures throughout building.
System: Electrical System (9)						***Totals:***	***$114,863***	***$2,328,910***	
7534	Lighting (B)	03-13-2019	03-13-2019	5	15%	$8.47	$114,863		Upgrade lighting to LED throughout.
System: Conveying (10)						***Totals:***	***$508,997***	***$508,997***	
7539	Elevator/Lift (A)	03-13-2019	03-13-2019	2	100%	$5.63	$508,997		Elevator consistantly failing. Consider replacement.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 3/13/2019

Building: Chemistry and Biochem Building | **Gross Area:** 90,408 Sq Ft | **Report Renewal Cost:** $723,409

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $285.32 | **Deficiency Ratio:** 2.8%

Const. Date: 2007 | **Replacement Cost:** $25,784,701

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$9,167***	***$2,534,136***	
4315	Exterior Walls (A)	03-25-2010	03-10-2010	7	1%	$10.14	$9,167		Install bird netting/ deterrent (bird feces on steel members).
System: Finishes (5)						***Totals:***	***$684,163***	***$5,060,136***	
7536	Floor Finishes (D)	03-13-2019	03-13-2019	7	75%	$10.09	$684,163		Install apoxy on floors through out building
System: Specialties (6)						***Totals:***	***$1,926***	***$1,835,282***	
4317	Signage/Directories (B)	03-25-2010	03-13-2019	7	2%	$0.71	$1,284		Install building information signs.
7537	Signage/Directories (B)	03-13-2019	03-13-2019	7	1%	$0.71	$642		Missing elevator and stairwell signage.
System: HVAC System (7)						***Totals:***	***$28,153***	***$3,456,298***	
4318	Ventilating (B)	03-10-2010	03-10-2010	7	2%	$15.57	$28,153		Provide more makeup air for building to reduce negative pressure.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Area Correction: 1.21
Last Audit Date: 10/12/2023
Building: Sherrick Hall
Gross Area: 18,376 Sq Ft
Building Type/ Age Class: General Classroom/Office (3B)
Deficiency Ratio: 14.9%
Const. Date: 1973

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)									
282	Exterior Steps/Retaining Walls (B)	11-14-2001	11-14-2007	2	5%				Repair damaged concrete at main entry exterior terrace.
System: Envelope (2)									
279	Exterior Walls (A)	11-14-2001	11-09-2016	2	2%				Caulk upper concrete band, eastside, west building, and southside bridge connection.
1570	Exterior Walls (A)	11-10-2004	11-09-2016	2	2%				Recaulk expansion joints.
1571	Exterior Walls (A)	11-10-2004	12-08-2010	6	1%				Clean brick.
5294	Exterior Walls (A)	11-13-2013	11-13-2013	2	1%				Replace spalling brick (exterior of penthouse).
5296	Exterior Walls (A)	11-13-2013	11-09-2016	2	2%				Investigate condition of lentils above openings on west and south side of building because rust is starting to expand and damage adjacent masonry.
281	Exterior Windows (B)	11-14-2001	11-13-2019	2	78%				Replace windows.
5299	Exterior Windows (B)	11-13-2013	11-13-2019	2	5%				Replace hinge hardware as needed.
7993	Exterior Windows (B)	11-13-2019	11-13-2019	2	2%				Replace window seals.
7995	Exterior Doors/Hatches (C)	11-13-2019	11-13-2019	2	1%				Investigate condition of lentils on doors (NW exit door and pent house door) due to rust.
System: Floor System (3)									
1573	Floor Structure (A)	11-10-2004	11-14-2007	3	1%				Room 3 - Investigate need for fireproofing on steel beams.
5300	Stair Treads/Risers (B)	11-13-2013	11-13-2019	3	20%				Upgrade stair rails to meet current code - too short.
7989	Stair Treads/Risers (B)	11-13-2019	11-13-2019	2	5%				Replace stair treds (stair 105).

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Area Correction: 1.21
Last Audit Date: 10/12/2023
Building: Sherrick Hall
Gross Area: 18,376 Sq Ft
Building Type/ Age Class: General Classroom/Office (3B)
Deficiency Ratio: 14.9%
Const. Date: 1973

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)									
6329	Covering (B)	11-09-2016	10-12-2023	2	15%	$			Monitor parapit wall roof covering on south face orientation
7986	Covering (B)	11-13-2019	11-13-2019	2	50%				Replace roof covering.
7987	Insulation (C)	11-13-2019	11-13-2019	2	50%				Replace roof insulation.
System: Finishes (5)									
283	Ceilings (B)	11-14-2001	11-14-2001	2	2%				Replace damaged ceiling tiles as needed.
6330	Interior Doors/Hardware/Windows (	11-09-2016	11-09-2016	3	10%				Replace door hardware with levers to comply with ADA
1568	Wall Finishes (E)	11-10-2004	12-08-2010	2	2%				Patch/repair interior wall finishes as needed.
System: HVAC System (7)									
5303	Heating (A)	11-13-2013	11-13-2013	5	15%				Add building management system.
5305	Heating (A)	11-13-2013	11-13-2019	2	30%				Replace piping as needed.
5304	Ventilating (B)	11-13-2013	10-12-2023	2	10%				Replace room ventilators.
System: Plumbing System (8)									
10851	Supply Piping (B)	10-12-2023	10-12-2023	2	15%				Supply piping expected useful
10852	Waste Piping (C)	10-12-2023	10-12-2023	2	15%				Waste piping expected useful life
System: Electrical System (9)									
10853	Building Service (A)	10-12-2023	10-12-2023	2	50%				Original service equiptment - end of useful life
7988	Lighting (B)	11-13-2019	11-13-2019	5	15%				Upgrade lighting to LED throughout.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Area Correction: 1.21
Last Audit Date: 10/12/2023

Building: Sherrick Hall
Gross Area: 18,376 Sq Ft
[redacted]: [redacted]

Building Type/ Age Class: General Classroom/Office (3B)
[redacted]
Deficiency Ratio: 14.9%

Const. Date: 1973
[redacted]

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						[redacted]	[redacted]	[redacted]	
1574	Egress (A)	11-10-2004	11-09-2016	2	5%	[redacted]	[redacted]		Replace panic bars at stairwell doors.
5307	Egress (A)	11-13-2013	11-13-2013	3	5%	[redacted]	[redacted]		Provide 2nd means of Egress from occupied basement spaces.
6327	Extinguishing System (B)	11-09-2016	11-09-2016	3	100%	[redacted]	[redacted]		Bulding needs fire suppression system.
10855	Exit/Emergency Lighting/Alarms (C	10-12-2023	10-12-2023	2	15%	[redacted]	[redacted]		Upgrade emergency lighting

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 11/8/2023

Building: Linfield Hall | **Gross Area:** 82,999 Sq Ft | [redacted]

Building Type/ Age Class: General Classroom/Office (3A) | [redacted] | **Deficiency Ratio:** 16.6%

Const. Date: 1909 | [redacted]:

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						[redacted]	[redacted]	[redacted]	
3508	Footings/Foundation Walls (A)	01-09-2008	01-09-2008	2	25%	[redacted]	[redacted]		(north) Repair/reinforce stone foundation walls outside room 125.
System: Envelope (2)						[redacted]	[redacted]	[redacted]	
5332	Exterior Walls (A)	12-11-2013	12-11-2019	2	4%	[redacted]	[redacted]		(South) Repair soffits near entrance by room 125 (SE entrance).
633	Exterior Windows (B)	01-09-2002	12-11-2013	5	15%	[redacted]	[redacted]		(South) Replace aluminum framed windows with energy efficient windows.
System: Roof System (4)						[redacted]	[redacted]	[redacted]	
8074	Covering (B)	12-11-2019	11-08-2023	2	75%	[redacted]	[redacted]		Replace Linfield South building roof covering - leaking.
System: Finishes (5)						[redacted]	[redacted]	[redacted]	
637	Ceilings (B)	01-09-2002	11-08-2023	2	10%	[redacted]	[redacted]		(North) Repair plaster ceilings.
638	Ceilings (B)	01-09-2002	01-09-2002	2	5%	[redacted]	[redacted]		(North) Paint ceilings.
6334	Ceilings (B)	12-14-2016	11-08-2023	2	10%	[redacted]	[redacted]		Repair/Replace accoustic ceiling tiles
639	Interior Doors/Hardware/Windows (	01-09-2002	01-09-2002	6	5%	[redacted]	[redacted]		Refinish north and south interior doors and baseboards.
8070	Floor Finishes (D)	12-11-2019	12-11-2019	2	10%	[redacted]	[redacted]		Replace north and south floor coverings.
8073	Floor Finishes (D)	12-11-2019	12-11-2019	2	25%	[redacted]	[redacted]		4th floor tiles abating.
1598	Wall Finishes (E)	01-09-2002	12-14-2016	6	10%	[redacted]	[redacted]		(North and South) Patch walls and paint.
1599	Wall Finishes (E)	01-09-2002	01-09-2002	6	5%	[redacted]	[redacted]		(North) Refinish wood trim.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Area Correction: 0.96
Last Audit Date: 11/8/2023
Building: Linfield Hall
Gross Area: 82,999 Sq Ft
Building Type/ Age Class: General Classroom/Office (3A)
Deficiency Ratio: 16.6%
Const. Date: 1909

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)									
5334	Toilet Partitions (A)	01-09-2008	12-14-2016	2	15%				(South) Replace toilet partitions in basement - a remodel of the mens room is recommended.
System: HVAC System (7)									
641	Heating (A)	01-09-2002	01-09-2008	2	2%				(South) Replace thermostats and control valves at radiators.
642	Heating (A)	01-09-2002	01-09-2008	4	2%				(North) Replace hand valves with control valves
643	Heating (A)	01-13-1999	01-13-1999	5	1%				Insulate steam and condensate lines.
5338	Heating (A)	12-11-2013	12-11-2019	2	15%				Replace condensate galvanized piping.
5339	Heating (A)	12-11-2013	11-08-2023	2	2%				Replace steam traps.
5340	Ventilating (B)	12-11-2013	12-14-2016	2	2%				Replace sidewall in Meat Lab. (Asletom)
10925	Ventilating (B)	11-08-2023	11-08-2023	2	10%				Add ventilation to interior rooms (2024 estimate 3M)
System: Plumbing System (8)									
5342	Fixtures (A)	01-09-2002	12-14-2016	2	15%				Replace worn out plumbing fixtures in basement.
10906	Supply Piping (B)	11-08-2023	11-08-2023	2	15%				Replace galvanized branch piping
10907	Waste Piping (C)	11-08-2023	11-08-2023	2	15%				Replace worn out waste piping

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 11/8/2023

Building: Linfield Hall | **Gross Area:** 82,999 Sq Ft | [redacted]

Building Type/ Age Class: General Classroom/Office (3A) | [redacted] | **Deficiency Ratio:** 16.6%

Const. Date: 1909 | [redacted]

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						[redacted]			
8072	Lighting (B)	12-11-2019	11-08-2023	5	50%	[redacted]			Upgrade lighting to LED throughout North Linfield (South complete)
6336	Distribution (C)	01-12-2005	01-12-2005	2	30%	[redacted]			Upgrade secondary distribution system. (Partly renovated in 2013)
6349	Distribution (C)	12-14-2016	12-14-2016	2	5%	[redacted]			Replace knob and tube wiring in building.
10924	Distribution (C)	11-08-2023	11-08-2023	2	65%	[redacted]			Replace MDP
System: Safety System (11)						[redacted]			
10904	Exit/Emergency Lighting/Alarms (C	11-08-2023	11-08-2023	3	5%	[redacted]			Replace emergency lighing

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☐ 1
☐ 2
☐ 3
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☐ 6
☑ 7

Site: MSU-Bozeman Main Campus
Area Correction: 0.96
Last Audit Date: 12/14/2016

Building: Linfield Hall
Gross Area: 82,999 Sq Ft

Building Type/ Age Class: General Classroom/Office (3A)
Deficiency Ratio: 0.2%

Const. Date: 1909

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)									
6340	Signage/Directories (B)	12-14-2016	12-14-2016	7	50%				Install campus standard room signage and standard building directory.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Area Correction: 1.44
Last Audit Date: 12/13/2023
Building: Kellogg Center
Gross Area: 4,206 Sq Ft
Building Type/ Age Class: Apartment, 1-3 Story (11A)
Deficiency Ratio: 24.1%
Const. Date: 1944

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)									
448	Footings/Foundation Walls (A)	07-19-2001	12-13-2023	2	45%				Monitor settling cracks and foundation spalling.
8011	Exterior Steps/Retaining Walls (B)	01-08-2020	01-08-2020	2	1%				Monitor rust on west exterior ramp.
System: Envelope (2)					***Totals:***				
451	Exterior Walls (A)	07-19-2001	01-08-2019	2	20%				Replace, repair, and repaint trim and waterboard throughout entire building.
902	Exterior Walls (A)	07-19-2001	12-13-2023	2	10%				BRICK REPAIR ON THE CHIMNEY.
6358	Exterior Walls (A)	01-18-2017	01-18-2017	2	30%	$			Insulate exterior walls
903	Exterior Windows (B)	07-19-2001	01-08-2020	2	100%				Replace windows and replace trim with insulated type.
System: Floor System (3)					***T***				
4456	Floor Structure (A)	03-09-2011	12-13-2023	2	1%				Monitor separating of floor structure beneath carpet, midpoint of building, and 1st floor. (currently not a concern)
8007	Floor Structure (A)	01-08-2020	01-08-2020	2	10%	$			Building movement causing ceiling cracks. Monitor.
System: Roof System (4)					***T***				
8012	Covering (B)	01-08-2020	01-08-2020	2	80%				Replace roof covering.
906	Insulation (C)	07-19-2001	01-08-2020	2	100%				Replace Insulation

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Area Correction: 1.44
Last Audit Date: 12/13/2023
Building: Kellogg Center
Gross Area: 4,206 Sq Ft
[redacted]
Building Type/ Age Class: Apartment, 1-3 Story (11A)
[redacted]
Deficiency Ratio: 24.1%
Const. Date: 1944
[redacted]

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						[redacted]	[redacted]	[redacted]	
907	Interior Wall Systems (A)	07-19-2001	07-19-2001	2	10%	[redacted]	[redacted]		REPAIR CRACKS AND PAINT TOUCH-UP.
8014	Ceilings (B)	01-08-2020	01-08-2020	2	10%	[redacted]	[redacted]		Repair cracked ceiling plaster.
4457	Floor Finishes (D)	03-09-2011	01-18-2017	2	25%	[redacted]	[redacted]		Replace worn and damaged carpet as needed and replace tile work upstairs
8015	Floor Finishes (D)	01-08-2020	01-08-2020	2	10%	[redacted]	[redacted]		Restroom flooring needs replacement.
10915	Floor Finishes (D)	12-13-2023	12-13-2023	2	15%	[redacted]	[redacted]		Refinish wood floors
System: HVAC System (7)						[redacted]	[redacted]	[redacted]	
10929	Heating (A)	12-13-2023	12-13-2023	2	10%	[redacted]	[redacted]		Conventional Furnance wear and tear
System: Plumbing System (8)						[redacted]	[redacted]	[redacted]	
6357	Fixtures (A)	01-18-2017	01-18-2017	2	25%	[redacted]	[redacted]		Replace bathroom fixtures in upstairs bathroom
8013	Fixtures (A)	01-08-2020	01-08-2020	2	10%	[redacted]	[redacted]		Replace plumbing fixtures.
5369	Supply Piping (B)	02-12-2014	01-18-2017	2	80%	[redacted]	[redacted]		Replace galvanized supply piping.
4458	Waste Piping (C)	03-09-2011	03-09-2011	2	80%	[redacted]	[redacted]		Replace sanitary sewer line.
System: Electrical System (9)						[redacted]	[redacted]	[redacted]	
8009	Distribution (C)	01-08-2020	01-08-2020	3	10%	[redacted]	[redacted]		Replace knob and tube wiring. A lot of this replaced before the 2014 audit.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
- [ ] 1
- [ ] 2
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Site: MSU-Bozeman Main Campus
Area Correction: 1.44
Last Audit Date: 12/13/2023

Building: Kellogg Center
Gross Area: 4,206 Sq Ft
Report Renewal Cost: [redacted]

Building Type/ Age Class: Apartment, 1-3 Story (11A)
[redacted]
Deficiency Ratio: 3.8%

Const. Date: 1944
[redacted]

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						[redacted]	[redacted]	[redacted]	
1388	Signage/Directories (B)	07-19-2001	01-18-2017	7	100%	[redacted]	[redacted]		Proper signage & directories
System: Safety System (11)						[redacted]	[redacted]	[redacted]	
10916	Extinguishing System (B)	12-13-2023	12-13-2023	7	100%	[redacted]	[redacted]		Install fire supression system
10917	Exit/Emergency Lighting/Alarms (C	12-13-2023	12-13-2023	7	100%	[redacted]	[redacted]		Install fire alarm system

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Area Correction: 1.44
Last Audit Date: 12/13/2023
Building: Wool Lab
Gross Area: 7,450 Sq Ft
[redacted]:
Building Type/ Age Class: House, Single Family (31A)
[redacted]
Deficiency Ratio: 32.0%
Const. Date: 1947
[redacted]

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						[redacted]	[redacted]	[redacted]	
424	Footings/Foundation Walls (A)	01-12-2000	12-13-2023	2	45%	[redacted]	[redacted]		Repair foundation cracking around exterior basement wells. (North, West, South)
5311	Exterior Steps/Retaining Walls (B)	12-11-2013	12-11-2013	3	15%	[redacted]	[redacted]		In fill stair rail
System: Envelope (2)						[redacted]	[redacted]	[redacted]	
3672	Exterior Walls (A)	12-10-2008	12-10-2008	2	5%	[redacted]	[redacted]		Replace plywood on North & South ends of the quonset.
5313	Exterior Walls (A)	12-10-2008	12-13-2023	2	10%	[redacted]	[redacted]		Prep/paint exterior
10909	Exterior Walls (A)	12-13-2023	12-13-2023	5	75%	[redacted]	[redacted]		Replace windows with energy efficient windows.
2689	Exterior Windows (B)	01-11-2006	01-11-2006	2	2%	[redacted]	[redacted]		Replace damaged/worn out window hardware.
5315	Exterior Doors/Hatches (C)	12-11-2013	12-11-2013	2	30%	[redacted]	[redacted]		Replace quonset garage door.
System: Floor System (3)						[redacted]	[redacted]	[redacted]	
5317	Floor Structure (A)	12-11-2013	12-11-2013	2	5%	[redacted]	[redacted]		Investigate settling of main floor.
6347	Stair Treads/Risers (B)	12-14-2016	12-14-2016	2	10%	[redacted]	[redacted]		Replace or repair worn stair treads to basement & up to 2nd floor.
System: Roof System (4)						[redacted]	[redacted]	[redacted]	
10912	Covering (B)	12-13-2023	12-13-2023	2	15%	[redacted]	[redacted]		Replace roof covering
425	Insulation (C)	01-08-1997	12-11-2013	5	100%	[redacted]	[redacted]		INSULATE ROOF AND ATTIC SPACES.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Area Correction: 1.44
Last Audit Date: 12/13/2023
Building: Wool Lab
Gross Area: 7,450 Sq Ft
[redacted]
Building Type/ Age Class: House, Single Family (31A)
[redacted]
Deficiency Ratio: 32.0%
Const. Date: 1947
[redacted]

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						[redacted]	[redacted]	[redacted]	
5319	Interior Wall Systems (A)	12-11-2013	12-13-2023	2	10%	[redacted]	[redacted]		Repair wall plaster.
427	Ceilings (B)	01-12-1994	01-16-2006	2	20%	[redacted]	[redacted]		Paint and patch all ceilings.
5321	Ceilings (B)	12-11-2013	12-11-2013	2	20%	[redacted]	[redacted]0		Replace quonset sheathing.
5322	Interior Doors/Hardware/Windows (	12-11-2013	12-11-2013	2	10%	[redacted]	[redacted]		Replace uninsulated exterior door.
3676	Floor Finishes (D)	12-10-2008	12-11-2019	2	100%	[redacted]	[redacted]		Re-finish wood floors (main & second floor)
426	Wall Finishes (E)	01-12-1994	12-11-2013	2	75%	[redacted]	[redacted]		Patch and paint all interior walls.
System: Plumbing System (8)						[redacted]	[redacted]	[redacted]	
4434	Fixtures (A)	01-12-2011	01-12-2011	2	50%	[redacted]	[redacted]		Upgrade / replace laboratory fixtures.
4435	Supply Piping (B)	01-12-2011	01-12-2011	2	2%	[redacted]	[redacted]		Install backflow preventer.
5326	Supply Piping (B)	12-11-2013	12-14-2016	2	60%	[redacted]	[redacted]		Replace galvanized supply piping.
6346	Waste Piping (C)	12-14-2016	12-14-2016	2	40%	[redacted]	[redacted]		Replace cast iron piping.
System: Electrical System (9)						[redacted]	[redacted]	[redacted]	
5327	Building Service (A)	12-11-2013	12-11-2013	2	70%	[redacted]	[redacted]		Replace service feeders and main disconnect.
6342	Lighting (B)	12-14-2016	12-14-2016	5	15%	[redacted]	[redacted]		Upgrade lighting to LEDS.
5330	Distribution (C)	12-11-2013	12-11-2013	2	15%	[redacted]	[redacted]		Replace fusebox on 2nd floor.
6343	Distribution (C)	12-14-2016	12-13-2023	2	75%	[redacted]	[redacted]		Replace secondary wiring, devices, and panel boards.
10913	Distribution (C)	12-13-2023	12-13-2023	2	5%	[redacted]	[redacted]		Replace overhead conductors

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Area Correction: 1.44
Last Audit Date: 12/13/2023
Building: Wool Lab
Gross Area: 7,450 Sq Ft
[redacted]: [redacted]
Building Type/ Age Class: House, Single Family (31A)
[redacted]: [redacted]
Deficiency Ratio: 6.1%
Const. Date: 1947
[redacted]

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						[redacted]	[redacted]	[redacted]	
428	Signage/Directories (B)	01-12-1994	12-14-2016	7	100%	[redacted]	[redacted]		Install Signage/Directories
System: Safety System (11)						[redacted]	[redacted]	[redacted]	
433	Egress (A)	01-12-2000	12-10-2008	7	100%	[redacted]	[redacted]		Provide second means of egress.
2750	Extinguishing System (B)	01-11-2006	01-11-2006	7	100%	[redacted]	[redacted]		Install Extinguishing system.
434	Exit/Emergency Lighting/Alarms (C	01-12-1994	12-13-2023	7	100%	[redacted]	[redacted]		Install fire alarm system & exit signage

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Area Correction: 1.08
Last Audit Date: 1/10/2024
Building: Montana Hall
Gross Area: 39,655 Sq Ft
Building Type/ Age Class: General Classroom/Office (3A)
Deficiency Ratio: 18.0%
Const. Date: 1896

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)									
5351	Exterior Walls (A)	01-15-2014	01-15-2014	2	1%				Repoint stone/grout near base of building (chunks of stone missing).
6391	Exterior Windows (B)	02-08-2017	02-08-2017	2	5%				Investigate and replace windows (difficult to open)
System: Floor System (3)									
574	Floor Structure (A)	12-11-2001	12-12-2007	2	10%				REPAIR/REPLACE MISCELLANEOUS SUB-FLOOR.
1592	Floor Structure (A)	12-08-2004	02-09-2011	3	2%				ELIMINATE FLOOR HEIGHT CHANGE AT DOORS AND HALLWAYS (3rd Floor).
6393	Floor Structure (A)	02-08-2017	02-08-2017	2	2%				Investigate floor sagging and file cabinets leaning (room 102)
System: Roof System (4)									
576	Structure (A)	12-09-1992	12-09-1992	2	15%				DESIGN AND INSTALL STRUCTURAL ROOF BRACING. (ENGINEER REPORT)
System: Finishes (5)									
6383	Ceilings (B)	02-08-2017	01-10-2023	2	5%				Replace damaged/ missing ceiling tiles as needed
7927	Ceilings (B)	02-06-2020	02-06-2020	2	5%				Replace damaged/missing ceiling tiles as needed.
6384	Interior Doors/Hardware/Windows (	02-08-2017	02-08-2017	2	5%				Repair/replace misc. damaged doors
6385	Interior Doors/Hardware/Windows (	02-08-2017	02-08-2017	6	5%				Refinish interior doors and casings
6386	Floor Finishes (D)	02-08-2017	02-08-2017	2	15%				Repair/replace floor coverings
6387	Wall Finishes (E)	02-08-2017	01-10-2024	2	15%				Patch and Paint walls as needed

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 1/10/2024

Building: Montana Hall | **Gross Area:** 39,655 Sq Ft | [redacted]: [redacted]

Building Type/ Age Class: General Classroom/Office (3A) | [redacted] | **Deficiency Ratio:** 18.0%

Const. Date: 1896 | [redacted]: [redacted]

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						[redacted]	[redacted]	[redacted]	
583	Signage/Directories (B)	12-11-2001	02-09-2011	3	95%	[redacted]	[redacted]		INSTALL CAMPUS STANDARD SIGNS.
System: HVAC System (7)						[redacted]	[redacted]	[redacted]	
5353	Heating (A)	01-15-2014	01-15-2014	2	15%	[redacted]	[redacted]		Replace heating controls. (AC controls are good, but they should also be considered for replacement if heating controls are replaced).
5354	Heating (A)	01-15-2014	01-15-2014	2	20%	[redacted]	[redacted]		Replace steam and condensate piping.
586	Ventilating (B)	12-09-1992	02-08-2017	3	50%	[redacted]	[redacted]		Provide ventilation system to 2nd floor hallways, 1st floor, basement and sub-basement to meet code for interior spaces.
587	Cooling (C)	12-11-2001	02-06-2020	2	10%	[redacted]	[redacted]		Replace worn out A/C units (Pres conference room and second floor).
3503	Cooling (C)	12-12-2007	12-12-2007	5	40%	[redacted]	[redacted]		PROVIDE CLOSED LOOP WATER SYSTEM FOR COOLING HEAT PUMPS
7929	Cooling (C)	02-06-2020	02-06-2020	2	1%	[redacted]	[redacted]		AC units condensate pumps (4AC Units in room 9 currently drain into trash cans).
System: Plumbing System (8)						[redacted]	[redacted]	[redacted]	
7925	Supply Piping (B)	02-06-2020	02-06-2020	2	20%	[redacted]	[redacted]		Install hot water circulation line (galvanized).
7931	Supply Piping (B)	02-06-2020	02-06-2020	2	30%	[redacted]	[redacted]		Replace supply piping (Partial done in 2019).
3504	Waste Piping (C)	12-12-2007	01-15-2014	3	5%	[redacted]	[redacted]		Install plumbing vent system to meet code.
7932	Waste Piping (C)	02-06-2020	02-06-2020	2	30%	[redacted]	[redacted]		Replace waste piping (partial done in 2019).

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 1/10/2024

Building: Montana Hall | **Gross Area:** 39,655 Sq Ft [redacted]

Building Type/ Age Class: General Classroom/Office (3A) [redacted] | **Deficiency Ratio:** 18.0%

Const. Date: 1896 R[redacted]

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						[redacted]	[redacted]	[redacted]	
10919	Lighting (B)	01-10-2024	01-10-2024	5	20%	[redacted]	[redacted]		Update lighting to LED
5359	Distribution (C)	01-15-2014	01-15-2014	2	15%	[redacted]	[redacted]		Replace conductors and conduit.
10920	Voice/Data (D)	01-10-2024	01-10-2024	2	50%	[redacted]	[redacted]		Rewire building
System: Safety System (11)						[redacted]	[redacted]	[redacted]	
7923	Exit/Emergency Lighting/Alarms (C	02-06-2020	02-06-2020	3	60%	[redacted]	[redacted]		Upgrade fire alarm system. PPA 19-0165
10922	Exit/Emergency Lighting/Alarms (C	01-10-2024	01-10-2024	3	40%	[redacted]	[redacted]		Upgrade emergency lighting

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 2/14/2024

Building: Huffman Building | **Gross Area:** 9,726 Sq Ft | **Report Renewal Cost:** $303,330

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $368.38 | **Deficiency Ratio:** 9.2%

Const. Date: 1969 | **Replacement Cost:** $3,280,513

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$1,071***	***$75,960***	
6422	Footings/Foundation Walls (A)	04-12-2017	04-12-2017	2	1%	$6.21	$604		Replace roof drains/ add splach blocks
5470	Exterior Steps/Retaining Walls (B)	05-14-2014	05-14-2014	2	1%	$1.60	$156		Replace concrete ramp into garage area.
6423	Exterior Steps/Retaining Walls (B)	04-12-2017	04-12-2017	2	2%	$1.60	$311		Install walking pads.
System: Envelope (2)						***Totals:***	***$112,786***	***$297,907***	
436	Exterior Walls (A)	04-10-2002	04-10-2002	2	1%	$8.24	$801		Replace caulk in roof span beam.
1681	Exterior Walls (A)	04-13-2005	04-13-2005	2	1%	$8.24	$801		Repair spalling at spandrel beams.
10947	Exterior Walls (A)	02-14-2024	02-14-2024	2	1%	$8.24	$801		Caulk expansion joint (west side)
438	Exterior Windows (B)	04-14-1993	06-10-2020	2	100%	$11.19	$108,834		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.
439	Exterior Doors/Hatches (C)	05-18-1999	05-14-2014	2	3%	$1.77	$516		Repaint exterior doors.
440	Exterior Doors/Hatches (C)	05-18-1999	05-18-1999	2	6%	$1.77	$1,033		Weatherstrip exterior doors.
System: Roof System (4)						***Totals:***	***$19,383***	***$106,986***	
1680	Covering (B)	05-18-1999	04-12-2017	2	4%	$5.11	$1,988		Recaulk roof details and replace missing coping.-Install walking pads
8101	Covering (B)	06-10-2020	02-14-2024	2	35%	$5.11	$17,395		Main roof last replaced in 2011 after hail storm. Expected replacement of roof covering between 2030 & 2035

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 2/14/2024

Building: Huffman Building | **Gross Area:** 9,726 Sq Ft | **Report Renewal Cost:** $303,330

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $368.38 | **Deficiency Ratio:** 9.2%

Const. Date: 1969 | **Replacement Cost:** $3,280,513

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$23,452***	***$712,527***	
6421	Ceilings (B)	04-12-2017	02-14-2024	2	2%	$17.76	$3,455		Replace damaged ceiling tiles throughout as needed
1684	Floor Finishes (D)	04-13-2005	02-14-2024	2	10%	$10.16	$9,882		Replace broadloom carpet and tile.
8107	Floor Finishes (D)	06-10-2020	06-10-2020	2	5%	$10.16	$4,941		Replace floor finishes as needed. Base boards and floor finishes are in very poor condition in room 198 VE and room 141.
441	Wall Finishes (E)	05-18-1999	05-14-2014	2	5%	$10.64	$5,174		Repaint walls throughout as needed.
System: Specialties (6)						***Totals:***	***$1,481***	***$204,830***	
6424	Chalk/Tack/Whiteboards/Cabinets (	04-12-2017	04-12-2017	2	1%	$15.23	$1,481		Repair whiteboards in EOC. Separation at the seams.
System: HVAC System (7)						***Totals:***	***$6,866***	***$508,670***	
3551	Heating (A)	04-09-2008	04-09-2008	2	1%	$26.15	$2,543		Investigate under-slab duct work.
6426	Heating (A)	04-12-2017	02-14-2024	5	1%	$26.15	$2,543		Install programable thermostats
6425	Cooling (C)	04-12-2017	02-14-2024	2	1%	$18.30	$1,780		Monitor outdoor condensing units
System: Plumbing System (8)						***Totals:***	***$99,964***	***$536,681***	
8103	Fixtures (A)	06-10-2020	06-10-2020	2	15%	$13.34	$19,462		Update west staff restroom fixtures.
10946	Fixtures (A)	02-14-2024	02-14-2024	2	15%	$13.34	$19,462		Update locker room fixtures
10944	Supply Piping (B)	02-14-2024	02-14-2024	2	15%	$28.29	$41,272		Supply piping EUL
10945	Waste Piping (C)	02-14-2024	02-14-2024	2	15%	$13.55	$19,768		Waste piping EUL

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 2/14/2024

Building: Huffman Building | **Gross Area:** 9,726 Sq Ft | **Report Renewal Cost:** $303,330

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $368.38 | **Deficiency Ratio:** 9.2%

Const. Date: 1969 | **Replacement Cost:** $3,280,513

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$21,039***	***$497,971***	
4467	Lighting (B)	05-11-2011	05-11-2011	2	1%	$13.52	$1,315		Upgrade outdoor lighting.
8098	Lighting (B)	06-10-2020	06-10-2020	5	15%	$13.52	$19,724		Upgrade lighting to LED throughout.
System: Safety System (11)						***Totals:***	***$17,288***	***$194,131***	
10942	Exit/Emergency Lighting/Alarms (C	02-14-2024	02-14-2024	2	5%	$7.11	$3,458		Upgrade alarms & lighting (last replaced in 2014)
10948	Exit/Emergency Lighting/Alarms (C	02-14-2024	02-14-2024	2	20%	$7.11	$13,830		Replace generator - upgrade from natural gas to disel generator.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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- ☐ *3*
- ☐ *4*
- ☐ *5*
- ☐ *6*
- ☑ *7*

Site: MSU-Bozeman Main Campus
Area Correction: 1.44
Last Audit Date: 4/13/2005

Building: Huffman Building
Gross Area: 9,726 Sq Ft
Report Renewal Cost: $78,392

Building Type/ Age Class: General Classroom/Office (3B)
Cost/Sq Ft: $368.38
Deficiency Ratio: 2.4%

Const. Date: 1969
Replacement Cost: $3,280,513

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)					*Totals:*		*$78,392*	*$194,131*	
1688	Extinguishing System (B)	04-13-2005	04-13-2005	7	100%	$8.06	$78,392		Install sprinkler system.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 3/13/2024

Building: Wilson Hall | **Gross Area:** 80,153 Sq Ft | **Report Renewal Cost:** $3,425,444

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $245.59 | **Deficiency Ratio:** 16.5%

Const. Date: 1974 | **Replacement Cost:** $20,804,285

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$25,489***	***$417,597***	
326	Exterior Steps/Retaining Walls (B)	06-12-1996	07-13-2011	2	30%	$1.06	$25,489		Repair/replace all exterior retaining walls and planters.
System: Envelope (2)						***Totals:***	***$122,305***	***$1,636,724***	
327	Exterior Walls (A)	06-15-1999	03-13-2024	2	15%	$5.49	$66,006		Replace exterior masonry at west side "garden walls".
328	Exterior Walls (A)	06-11-2002	08-12-2020	2	1%	$5.49	$4,400		Replace soffits at window recesses. Damaged portion of soffit exists on upper side of balcony.
5510	Exterior Walls (A)	07-09-2014	03-13-2024	2	5%	$5.49	$22,002		Regrout exterior walls.
2027	Exterior Windows (B)	06-08-2005	06-08-2005	2	5%	$7.46	$29,897		Replace window hardware.
System: Roof System (4)						***Totals:***	***$419,200***	***$587,521***	
5512	Covering (B)	07-09-2014	07-09-2014	2	100%	$3.40	$272,520		Replace roof covering and flashing.
8133	Insulation (C)	08-12-2020	08-12-2020	2	100%	$1.83	$146,680		Replace roof insulation.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 3/13/2024

Building: Wilson Hall | **Gross Area:** 80,153 Sq Ft | **Report Renewal Cost:** $3,425,444

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $245.59 | **Deficiency Ratio:** 16.5%

Const. Date: 1974 | **Replacement Cost:** $20,804,285

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$673,030***	***$3,914,673***	
925	Ceilings (B)	06-11-2002	08-12-2020	2	10%	$11.84	$94,901		Upgrade/replace ceiling through out.
8135	Interior Doors/Hardware/Windows (	08-12-2020	08-12-2020	6	5%	$9.75	$39,075		Consider alternative color for interior doors. Currently red.
8142	Interior Doors/Hardware/Windows (	08-12-2020	08-12-2020	3	50%	$9.75	$390,746		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.
331	Floor Finishes (D)	06-15-1999	07-15-1999	2	10%	$6.77	$54,264		Replace damaged and worn-out floor finishes as needed.
8134	Floor Finishes (D)	08-12-2020	03-13-2024	6	10%	$6.77	$54,264		Upgrade and replace VCT to LVT in 2nd floor corridors.
10956	Wall Finishes (E)	03-13-2024	03-13-2024	2	5%	$7.09	$28,414		Patch & paint interior walls as needed
10957	Wall Finishes (E)	03-13-2024	03-13-2024	2	2%	$7.09	$11,366		Replace moveable wall partitions in writing center - resulting in ceiling damage.
System: Specialties (6)						***Totals:***	***$114,579***	***$1,125,348***	
5516	Signage/Directories (B)	07-09-2014	03-13-2024	3	95%	$0.71	$54,063		Install ADA compliant building directory signage throughout.
10959	Signage/Directories (B)	03-13-2024	03-13-2024	2	2%	$0.71	$1,138		Upgrade room number signs on the 2nd floor
5518	Fixed Seating/Risers (C)	06-11-2008	07-09-2014	2	40%	$1.09	$34,947		Replace existing fixed seating in classrooms. (2 out of 4 fixed seat classrooms remain)
929	Chalk/Tack/Whiteboards/Cabinets (	06-11-2002	07-13-2011	6	3%	$10.16	$24,431		Replace chalkboards with whiteboards.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 3/13/2024

Building: Wilson Hall | **Gross Area:** 80,153 Sq Ft | **Report Renewal Cost:** $3,425,444

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $245.59 | **Deficiency Ratio:** 16.5%

Const. Date: 1974 | **Replacement Cost:** $20,804,285

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$817,280***	***$2,794,134***	
333	Heating (A)	06-11-2002	03-13-2024	2	10%	$17.43	$139,707		Replace EUL dielectric union in hot water system, resulting in frequent leaks.
4547	Heating (A)	07-13-2011	07-13-2011	2	10%	$17.43	$139,707		Replace restricted heating coils in AHU's noted during 2011 energy project.
4548	Heating (A)	07-13-2011	07-12-2017	2	20%	$17.43	$279,413		Replace heating water pipe to fan coils due to restricted flow.
4546	Ventilating (B)	07-13-2011	07-13-2011	4	10%	$5.23	$41,920		Increase exhaust to toilet rooms.
4550	Ventilating (B)	07-13-2011	07-13-2011	2	5%	$5.23	$20,960		Increase airflow for AHU-4 as noted during 2011 energy project.
4549	Cooling (C)	07-13-2011	07-12-2017	2	20%	$12.20	$195,573		Replice pipe to fan coils due to restricted chill water flow.
System: Plumbing System (8)						***Totals:***	***$234,415***	***$2,948,829***	
8138	Fixtures (A)	08-12-2020	08-12-2020	5	10%	$8.89	$71,256		Replace/Upgrade fixtures to improve water efficiency.
335	Supply Piping (B)	09-11-1996	09-11-1996	2	5%	$18.86	$75,584		Replace hot water circulation return.
5520	Supply Piping (B)	07-09-2014	07-09-2014	2	1%	$18.86	$15,117		Replace gate valves as needed.
5521	Waste Piping (C)	07-09-2014	08-12-2020	2	10%	$9.04	$72,458		Investigate piping by scoping the waste drains.
System: Electrical System (9)						***Totals:***	***$898,035***	***$2,736,423***	
5522	Building Service (A)	07-09-2014	07-09-2014	2	70%	$6.45	$361,891		Replace main disconnect and main distribution panel (old and components are becoming unavailable.)
6809	Lighting (B)	07-12-2017	08-12-2020	5	15%	$9.01	$108,327		Install occupancy sensors throughout and upgrade lighting to LED.
5526	Distribution (C)	07-09-2014	07-09-2014	2	45%	$11.01	$397,118		Replace old electrical distribution panels. (Components are becoming unavailable.)
5528	Voice/Data (D)	07-09-2014	07-09-2014	2	5%	$7.66	$30,699		Upgrade patch panels feeding to basement telecom room with CAT 6 (over half of building).

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 3/13/2024

Building: Wilson Hall | **Gross Area:** 80,153 Sq Ft | **Report Renewal Cost:** $3,425,444

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $245.59 | **Deficiency Ratio:** 16.5%

Const. Date: 1974 | **Replacement Cost:** $20,804,285

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Conveying (10)						***Totals:***	***$45,126***	***$451,261***	
8140	Elevator/Lift (A)	08-12-2020	03-13-2024	3	10%	$5.63	$45,126		Investigate elevator upgrade and ADA compliance
System: Safety System (11)						***Totals:***	***$75,985***	***$1,066,836***	
5531	Exit/Emergency Lighting/Alarms (C	07-09-2014	03-13-2024	2	20%	$4.74	$75,985		Upgrade fire panel and add monitoring

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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Site: MSU-Bozeman Main Campus | **Area Correction:** 0.96 | **Last Audit Date:** 7/9/2014

Building: Wilson Hall | **Gross Area:** 80,153 Sq Ft | **Report Renewal Cost:** $740,230

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $245.59 | **Deficiency Ratio:** 3.6%

Const. Date: 1974 | **Replacement Cost:** $20,804,285

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Floor System (3)						***Totals:***	***$70,094***	***$2,006,230***	
2029	Stair Treads/Risers (B)	06-08-2005	07-09-2014	7	15%	$5.83	$70,094		Upgrade stairs and railings to meet current code.
System: Specialties (6)						***Totals:***	***$51,218***	***$1,125,348***	
2763	Signage/Directories (B)	06-08-2005	07-13-2011	7	90%	$0.71	$51,218		Install standard signage and code-compliant signage.
System: Electrical System (9)						***Totals:***	***$44,124***	***$2,736,423***	
2037	Distribution (C)	06-08-2005	07-09-2014	7	5%	$11.01	$44,124		Install new panels to provide additional space/capacity.
System: Safety System (11)						***Totals:***	***$574,794***	***$1,066,836***	
336	Extinguishing System (B)	09-11-1996	09-11-1996	7	100%	$5.37	$430,422		Install fire sprinkler system.
5530	Exit/Emergency Lighting/Alarms (C	07-09-2014	07-09-2014	7	38%	$4.74	$144,372		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.)

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus
Area Correction: 1.08
Last Audit Date: 4/25/2024

Building: Howard Hall
Gross Area: 30,575 Sq Ft
Report Renewal Cost: $903,325

Building Type/ Age Class: General Classroom/Office (3B)
Cost/Sq Ft: $276.29
Deficiency Ratio: 10.5%

Const. Date: 1974
Replacement Cost: $8,624,704

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)					***Totals:***		***$276,390***	***$702,308***	
939	Exterior Walls (A)	10-09-2002	04-10-2024	2	5%	$6.18	$9,448		Repoint exterior brick and address spalling brick
3641	Exterior Walls (A)	10-08-2008	10-08-2008	2	1%	$6.18	$1,890		Repair cracking concrete at penthouse level.
3642	Exterior Walls (A)	10-08-2008	10-08-2008	2	1%	$6.18	$1,890		Evaluate the replacement of damaged brick on corner above the southwest entrance.
7012	Exterior Windows (B)	11-08-2017	09-09-2020	2	100%	$8.39	$256,524		Replace windows. Ensure replacement includes the installation of operable windows at first level so that building occupants can escape during harmful event.
7003	Exterior Doors/Hatches (C)	11-08-2017	11-08-2017	2	1%	$1.33	$407		Exterior doors need caulking and weather stripping
8151	Exterior Doors/Hatches (C)	09-09-2020	09-09-2020	3	10%	$1.33	$4,066		Upgrade at least one exterior doors to swing door on both levels (southwest and southeast).
7004	Interior Columns/Beams (D)	11-08-2017	11-08-2017	2	1%	$7.08	$2,165		Investigate cracking and/or settling of brick and concrete beams.
System: Roof System (4)					***Totals:***		***$35,131***	***$252,244***	
8144	Covering (B)	09-09-2020	09-09-2020	2	30%	$3.83	$35,131		Roof last replaced in 2009. Single ply EPDM.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus
Building: Howard Hall
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1974

Area Correction: 1.08
Gross Area: 30,575 Sq Ft
Cost/Sq Ft: $276.29
Replacement Cost: $8,624,704

Last Audit Date: 4/25/2024
Report Renewal Cost: $903,325
Deficiency Ratio: 10.5%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$129,415***	***$1,680,096***	
7005	Ceilings (B)	11-08-2017	04-10-2024	2	10%	$13.32	$40,726		Replace damaged ceiling tiles as needed.
8146	Interior Doors/Hardware/Windows (	09-09-2020	09-09-2020	3	10%	$10.97	$33,541		Upgrade interior door hardware to ADA compliant lever handles with button interior locks.
8150	Interior Doors/Hardware/Windows (	09-09-2020	09-09-2020	3	5%	$10.97	$16,770		Upgrade door hardware in restrooms to deadbolts.
941	Floor Finishes (D)	10-09-2002	04-10-2024	2	5%	$7.62	$11,649		Replace carpet in various offices (Rm 180, 174, 137, 120)
7016	Floor Finishes (D)	11-08-2017	11-08-2017	2	1%	$7.62	$2,330		Refinish stage.
2310	Wall Finishes (E)	10-12-2005	10-12-2005	2	10%	$7.98	$24,399		Paint walls as required and replace baseboards by entry ways, locker room, etc.
System: Specialties (6)						***Totals:***	***$4,476***	***$482,779***	
8154	Toilet Partitions (A)	09-09-2020	09-09-2020	3	1%	$2.34	$715		Lower level does not meet federal ADA guidelines for equal facilitation.
10976	Fixed Seating/Risers (C)	04-10-2024	04-10-2024	2	10%	$1.23	$3,761		Replace fixed seating in Renyolds Hall - seating pulling away from concrete base.
System: HVAC System (7)						***Totals:***	***$39,552***	***$1,199,152***	
7007	Ventilating (B)	11-08-2017	11-08-2017	2	1%	$5.88	$1,798		Replace diffusion, grates and grills as needed. (Specifically grates on wall by stair s and basement door)
10972	Ventilating (B)	04-10-2024	04-10-2024	2	1%	$5.88	$1,798		Upgrade filter racks
10978	Ventilating (B)	04-25-2024	04-25-2024	2	20%	$5.88	$35,956		Upgrade HVAC in Reynolds Hall to reduce sound.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 4/25/2024

Building: Howard Hall | **Gross Area:** 30,575 Sq Ft | **Report Renewal Cost:** $903,325

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $276.29 | **Deficiency Ratio:** 10.5%

Const. Date: 1974 | **Replacement Cost:** $8,624,704

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$148,888***	***$1,265,499***	
7008	Supply Piping (B)	11-08-2017	11-08-2017	2	2%	$21.21	$12,970		Upgrade supply piping.
10973	Supply Piping (B)	04-10-2024	04-10-2024	2	20%	$21.21	$129,699		Replace piping between Howard Hall and Cheever Hall
7009	Waste Piping (C)	11-08-2017	11-08-2017	2	2%	$10.17	$6,219		Upgrade waste piping.
System: Electrical System (9)						***Totals:***	***$65,446***	***$1,174,080***	
7006	Lighting (B)	11-08-2017	11-08-2017	5	15%	$10.14	$46,505		Upgrade lighting to LED throughout.
5611	Distribution (C)	11-12-2014	11-12-2014	2	5%	$12.39	$18,941		Replace lighting contacts.
System: Conveying (10)						***Totals:***	***$19,354***	***$193,540***	
8149	Elevator/Lift (A)	09-09-2020	09-09-2020	3	10%	$6.33	$19,354		Provide ADA compliant access between bulding levels.
System: Safety System (11)						***Totals:***	***$184,673***	***$457,708***	
2756	Extinguishing System (B)	10-12-2005	10-08-2008	3	100%	$6.04	$184,673		Install fire suppression system.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus | **Area Correction:** 1.08 | **Last Audit Date:** 4/10/2024

Building: Howard Hall | **Gross Area:** 30,575 Sq Ft | **Report Renewal Cost:** $139,355

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $276.29 | **Deficiency Ratio:** 1.6%

Const. Date: 1974 | **Replacement Cost:** $8,624,704

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$376***	***$482,779***	
10974	Fixed Seating/Risers (C)	04-10-2024	04-10-2024	7	1%	$1.23	$376		Add accessible seating in Renyolds Hall
System: HVAC System (7)						***Totals:***	***$59,958***	***$1,199,152***	
942	Heating (A)	10-09-2002	11-12-2014	7	10%	$19.61	$59,958		Replace pneumatic with digital heating controls.
System: Electrical System (9)						***Totals:***	***$79,021***	***$1,174,080***	
7014	Building Service (A)	11-08-2017	11-08-2017	7	10%	$7.26	$22,197		Add additional electrical capacity.
5610	Distribution (C)	11-12-2014	11-08-2017	7	15%	$12.39	$56,824		Add new panels.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 5/8/2024

Building: Melvin Graduate Arts Studio | **Gross Area:** 6,000 Sq Ft | **Report Renewal Cost:** $70,242

Building Type/ Age Class: Vocational Shops (6B) | **Cost/Sq Ft:** $260.70 | **Deficiency Ratio:** 4.5%

Const. Date: 1968 | **Replacement Cost:** $1,564,200

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$96***	***$112,680***	
8285	Exterior Steps/Retaining Walls (B)	10-14-2020	10-14-2020	2	1%	$1.60	$96		Remove rotting/falling wood from north foundation (old loading dock).
System: Envelope (2)						***Totals:***	***$19,365***	***$213,780***	
8284	Exterior Walls (A)	10-14-2020	10-14-2020	2	1%	$16.85	$1,011		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.
8276	Exterior Windows (B)	10-14-2020	10-14-2020	2	100%	$2.80	$16,800		Windows and screens need replacement.
8280	Exterior Doors/Hatches (C)	10-14-2020	10-14-2020	3	5%	$5.18	$1,554		Improve access control. Consider cat card installation at main entrance.
System: Roof System (4)						***Totals:***	***$20,160***	***$124,980***	
8292	Covering (B)	10-14-2020	05-08-2024	2	30%	$11.20	$20,160		Roof EUL. (Sheet metal roof with EUL of 70 years, installed in 2003).
System: Finishes (5)						***Totals:***	***$2,592***	***$148,980***	
8275	Interior Doors/Hardware/Windows (	10-14-2020	10-14-2020	2	5%	$0.99	$297		Replace gallery door latch (leading out to north side)/
8288	Wall Finishes (E)	10-14-2020	10-14-2020	2	5%	$7.65	$2,295		Repaint finishes as needed.
System: Plumbing System (8)						***Totals:***	***$15,636***	***$92,880***	
8290	Supply Piping (B)	10-14-2020	10-14-2020	2	20%	$4.88	$5,856		Supply EUL.
8291	Waste Piping (C)	10-14-2020	10-14-2020	2	20%	$8.15	$9,780		Waste EUL

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 5/8/2024

Building: Melvin Graduate Arts Studio | **Gross Area:** 6,000 Sq Ft | **Report Renewal Cost:** $70,242

Building Type/ Age Class: Vocational Shops (6B) | **Cost/Sq Ft:** $260.70 | **Deficiency Ratio:** 4.5%

Const. Date: 1968 | **Replacement Cost:** $1,564,200

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)					***Totals:***		***$6,174***	***$119,700***	
8279	Distribution (C)	10-14-2020	10-14-2020	2	10%	$10.29	$6,174		Some exterior outlets do not work (specifically west end of building). Additional outlets needed as well.
System: Safety System (11)					***Totals:***		***$6,219***	***$155,460***	
8282	Extinguishing System (B)	10-14-2020	10-14-2020	3	1%	$11.95	$717		Investigate addition of fire hydrant closer to facility (IFC 507.5.1)
8281	Exit/Emergency Lighting/Alarms (C	10-14-2020	10-14-2020	3	10%	$9.17	$5,502		Add / upgrade exiting signage. Ensure exit signage is visible when curtain separating west end of building is drawn.

Exterior of the building is not accessible - gravel parking lot and gravel leading to kiln.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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Site: MSU-Bozeman Main Campus | **Area Correction:** 1.44 | **Last Audit Date:** 10/14/2020

Building: Melvin Graduate Arts Studio | **Gross Area:** 6,000 Sq Ft | **Report Renewal Cost:** $72,828

Building Type/ Age Class: Vocational Shops (6B) | **Cost/Sq Ft:** $260.70 | **Deficiency Ratio:** 4.7%

Const. Date: 1968 | **Replacement Cost:** $1,564,200

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$53,100***	***$148,980***	
8286	Interior Wall Systems (A)	10-14-2020	10-14-2020	7	75%	$11.80	$53,100		Investigate extending interior wall system to ceiling to improve acoustics.
System: HVAC System (7)						***Totals:***	***$2,184***	***$155,820***	
8289	Ventilating (B)	10-14-2020	10-14-2020	7	20%	$1.82	$2,184		Upgrade hoods to interior kilns.
System: Electrical System (9)						***Totals:***	***$17,544***	***$119,700***	
8274	Building Service (A)	10-14-2020	10-14-2020	7	100%	$1.24	$7,440		Increase electrical capacity. Not enough power to meet programmatic needs (Kilns, for example).
8278	Lighting (B)	10-14-2020	10-14-2020	7	20%	$8.42	$10,104		Add exterior exterior lighting to improve safety and work environment.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus
Building: Heating Plant
Building Type/ Age Class: Central Heating Facilities (7A)
Const. Date: 1923

Area Correction: 1.21
Gross Area: 11,113 Sq Ft
Cost/Sq Ft: $171.31
Replacement Cost: $1,903,879

Last Audit Date: 6/19/2024
Report Renewal Cost: $126,958
Deficiency Ratio: 6.7%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$11,809***	***$469,969***	
397	Exterior Walls (A)	01-10-1995	10-08-2014	2	3%	$24.92	$8,308		Misc. pointing of walls.
398	Exterior Windows (B)	09-10-2003	06-19-2024	2	75%	$0.42	$3,501		Replace windows on west, east & south side.
System: Roof System (4)						***Totals:***	***$5,273***	***$198,700***	
4617	Covering (B)	10-12-2011	06-12-2024	2	5%	$9.49	$5,273		Replace concrete elevator roof.
System: Finishes (5)						***Totals:***	***$1,267***	***$106,574***	
4248	Wall Finishes (E)	09-09-2009	10-11-2017	2	20%	$0.57	$1,267		Paint as required.
System: HVAC System (7)						***Totals:***	***$296***	***$59,121***	
5579	Ventilating (B)	10-08-2014	10-08-2014	5	2%	$0.00	$0		Add controls to exhaust fans in boiler room (rm 101).
8347	Ventilating (B)	12-09-2020	12-09-2020	5	2%	$0.00	$0		Investigate upgrades to provide outside air to air compressors.
6984	Cooling (C)	10-11-2017	10-11-2017	4	2%	$1.33	$296		Vent flash steam in basement to outside.
System: Plumbing System (8)						***Totals:***	***$22,821***	***$88,348***	
400	Fixtures (A)	01-10-1995	12-09-2020	2	30%	$1.05	$3,501		Replace floor drains in basement (requires cutting through floor and putting in new ones).
8350	Supply Piping (B)	12-09-2020	12-09-2020	2	95%	$1.83	$19,320		Supply piping expected useful life.
System: Electrical System (9)						***Totals:***	***$13,758***	***$135,912***	
10997	Building Service (A)	06-12-2024	06-12-2024	2	20%	$1.25	$2,778		Upgrade MDP and controls
5581	Lighting (B)	10-08-2014	06-12-2024	5	20%	$4.94	$10,980		Upgrade lighting to LED in remainder of the building.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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Site: MSU-Bozeman Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 6/19/2024

Building: Heating Plant | **Gross Area:** 11,113 Sq Ft | **Report Renewal Cost:** $126,958

Building Type/ Age Class: Central Heating Facilities (7A) | **Cost/Sq Ft:** $171.31 | **Deficiency Ratio:** 6.7%

Const. Date: 1923 | **Replacement Cost:** $1,903,879

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)					***Totals:***		***$71,734***	***$218,593***	
8375	Extinguishing System (B)	12-09-2020	12-09-2020	3	10%	$9.29	$10,324		Install dedicated fire suppression system to LPG storage vessel and investigate LPG storage requirements and physical site barriers.
6985	Exit/Emergency Lighting/Alarms (C	10-11-2017	10-11-2017	3	90%	$6.14	$61,410		Install fire suppression system.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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- ☐ *2*
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- ☐ *4*
- ☐ *5*
- ☐ *6*
- ☑ *7*

Site: MSU-Bozeman Main Campus
Area Correction: 1.21
Last Audit Date: 10/8/2014

Building: Heating Plant
Gross Area: 11,113 Sq Ft
Report Renewal Cost: $9,924

Building Type/ Age Class: Central Heating Facilities (7A)
Cost/Sq Ft: $171.31
Deficiency Ratio: 0.5%

Const. Date: 1923
Replacement Cost: $1,903,879

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						*Totals:*	*$9,924*	*$29,449*	
5577	Signage/Directories (B)	10-08-2014	10-08-2014	7	95%	$0.94	$9,924		Add room signage.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Bozeman Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 7/10/2024

Building: Plew Building | **Gross Area:** 18,086 Sq Ft | **Report Renewal Cost:** $1,165,793

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $309.54 | **Deficiency Ratio:** 20.8%

Const. Date: 1952 | **Replacement Cost:** $5,598,521

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$9,441***	***$118,644***	
11002	Footings/Foundation Walls (A)	07-10-2024	07-10-2024	2	10%	$5.22	$9,441		Repair foundation cracks (4 noted, on West and North sides of the building)
System: Envelope (2)						***Totals:***	***$271,269***	***$465,534***	
2294	Exterior Walls (A)	09-14-2005	09-10-2008	2	1%	$6.92	$1,252		Clean/repair exterior brick and mortar.
5583	Exterior Walls (A)	10-08-2014	10-08-2014	2	1%	$6.92	$1,252		Repair damaged siding on East wall of E waste.
10999	Exterior Walls (A)	07-10-2024	07-10-2024	2	97%	$6.92	$121,400		Replace canopy over west entrance
401	Exterior Windows (B)	09-09-1999	10-12-2011	5	70%	$9.40	$119,006		Replace windows with energy efficient windows.
5585	Exterior Windows (B)	10-08-2014	10-11-2017	2	3%	$9.40	$5,100		Clean & repoint window sills.
5586	Exterior Windows (B)	10-08-2014	12-09-2020	2	1%	$9.40	$1,700		Replace fabric awnings.
2293	Exterior Doors/Hatches (C)	09-14-2005	07-10-2024	5	80%	$1.49	$21,559		Replace overhead doors with energy efficient doors.
System: Roof System (4)						***Totals:***	***$54,312***	***$167,296***	
8366	Covering (B)	12-09-2020	07-10-2024	2	70%	$4.29	$54,312		Roof expected useful life: 2010 installation of elastromeric coating w/20 year warranty.
System: Finishes (5)						***Totals:***	***$51,518***	***$1,113,374***	
5588	Ceilings (B)	10-08-2014	07-10-2024	2	5%	$14.92	$13,492		Replace ceiling tile as nessecary.
8358	Interior Doors/Hardware/Windows (	12-09-2020	12-09-2020	3	10%	$12.29	$22,228		Upgrade all door knobs/hardware to campus standard (lever handles).
8361	Floor Finishes (D)	12-09-2020	07-10-2024	2	5%	$8.53	$7,714		Refinish/replace floor finishes as needed. (Rm 113B)
8362	Wall Finishes (E)	12-09-2020	12-09-2020	2	5%	$8.94	$8,084		Repaint as needed.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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Site: MSU-Bozeman Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 7/10/2024

Building: Plew Building | **Gross Area:** 18,086 Sq Ft | **Report Renewal Cost:** $1,165,793

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $309.54 | **Deficiency Ratio:** 20.8%

Const. Date: 1952 | **Replacement Cost:** $5,598,521

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$70,535***	***$319,941***	
8367	Toilet Partitions (A)	12-09-2020	07-10-2024	2	100%	$2.62	$47,385		Upgrade women's toilet partitions.
8369	Chalk/Tack/Whiteboards/Cabinets (	12-09-2020	07-10-2024	2	10%	$12.80	$23,150		Upgrade bathroom cabinets.
System: HVAC System (7)						***Totals:***	***$53,643***	***$794,699***	
5590	Ventilating (B)	10-08-2014	10-11-2017	3	10%	$6.59	$11,919		Install mechanical ventilation in women's bathroom.
5591	Cooling (C)	10-08-2014	10-08-2014	2	15%	$15.38	$41,724		Replace 2 heat pumps (IT server room and IT area).
System: Plumbing System (8)						***Totals:***	***$403,933***	***$838,648***	
8356	Supply Piping (B)	12-09-2020	07-10-2024	2	40%	$23.77	$171,962		Update supply piping in women's restroom.
8363	Supply Piping (B)	12-09-2020	12-09-2020	2	30%	$23.77	$128,971		Supply piping expected useful life.
8364	Waste Piping (C)	12-09-2020	12-09-2020	2	50%	$11.39	$103,000		Waste piping expected useful life.
System: Electrical System (9)						***Totals:***	***$20,546***	***$778,241***	
6982	Lighting (B)	10-11-2017	10-11-2017	5	10%	$11.36	$20,546		Upgrade lighting to LED throughout.
System: Safety System (11)						***Totals:***	***$230,596***	***$303,483***	
8373	Extinguishing System (B)	12-09-2020	12-09-2020	3	100%	$6.77	$122,442		Install fire suppression system throughout building.
5598	Exit/Emergency Lighting/Alarms (C	09-11-2002	07-10-2024	3	100%	$5.98	$108,154		Install fire alarms, emergency lights, and exit lights throughout the building

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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Site: MSU-Bozeman Main Campus | **Area Correction:** 1.21 | **Last Audit Date:** 7/10/2024

Building: Plew Building | **Gross Area:** 18,086 Sq Ft | **Report Renewal Cost:** $107,911

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $309.54 | **Deficiency Ratio:** 1.9%

Const. Date: 1952 | **Replacement Cost:** $5,598,521

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$1,610***	***$319,941***	
8353	Signage/Directories (B)	12-09-2020	12-09-2020	7	10%	$0.89	$1,610		Improve exterior builidng signage & directories.
System: HVAC System (7)						***Totals:***	***$69,541***	***$794,699***	
5593	Cooling (C)	10-08-2014	10-08-2014	7	25%	$15.38	$69,541		Improve ventilation in planning area (area behind key distribution desk).
System: Electrical System (9)						***Totals:***	***$36,760***	***$778,241***	
11001	Building Service (A)	07-10-2024	07-10-2024	7	25%	$8.13	$36,760		Add/Upgrade electrical capacity for GIS office

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings
Building: MCMULLEN HALL
Building Type/ Age Class: General Classroom/Office (3A)
Const. Date: 1935

Area Correction: 0.98
Gross Area: 55,026 Sq Ft
Cost/Sq Ft: $237.12
Replacement Cost: $13,048,315

Last Audit Date: 6/26/2023
Report Renewal Cost: $605,522
Deficiency Ratio: 4.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)					***Totals:***		***$1,981***	***$1,137,387***	
4136	Exterior Doors/Hatches (C)	07-22-2009	06-26-2023	2	2%	$1.20	$1,321		Repair doors & frames to access roof. (A&E project)
4965	Exterior Doors/Hatches (C)	07-27-2011	05-17-2013	2	1%	$1.20	$660		Repaint door and frame.
System: Floor System (3)					***Totals:***		***$218,976***	***$1,405,914***	
8547	Floor Structure (A)	03-12-2021	06-26-2023	2	20%	$19.60	$215,702		Monitor structural integrity of North stariwell. Damage and significant settlling due to recent flooding from supply piping leak. (A&E project)
3385	Stair Treads/Risers (B)	06-15-2007	06-15-2007	3	1%	$5.95	$3,274		INFILL GUARDRAILS @ INTERIOR STAIR LEADING TO 4TH & 5TH FLOORS.
System: Finishes (5)					***Totals:***		***$8,760***	***$2,963,150***	
4893	Wall Finishes (E)	05-17-2013	05-17-2013	2	2%	$7.96	$8,760		Paint as needed.
System: HVAC System (7)					***Totals:***		***$146,402***	***$1,346,486***	
5995	Heating (A)	06-17-2015	06-17-2015	5	10%	$10.68	$58,768		Upgrade pneumatic control to DDC and coordinate with fan coils.
7658	Heating (A)	06-06-2019	06-06-2019	2	2%	$10.68	$11,754		Repair south entry unit heater fan.
5998	Ventilating (B)	06-17-2015	06-17-2015	2	10%	$1.33	$7,318		Add fan coils with DDC to 3rd floor.
5999	Cooling (C)	06-17-2015	06-17-2015	2	10%	$12.46	$68,562		Add fan coils with DDC to 3rd floor.
System: Plumbing System (8)					***Totals:***		***$211,465***	***$1,804,853***	
10557	Supply Piping (B)	06-26-2023	06-26-2023	2	15%	$17.32	$142,958		Replace supply piping 1st floor
10558	Waste Piping (C)	06-26-2023	06-26-2023	2	15%	$8.30	$68,507		Replace waste piping - 1st floor

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Billings | **Area Correction:** 0.98 | **Last Audit Date:** 6/26/2023

Building: MCMULLEN HALL | **Gross Area:** 55,026 Sq Ft | **Report Renewal Cost:** $605,522

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $237.12 | **Deficiency Ratio:** 4.6%

Const. Date: 1935 | **Replacement Cost:** $13,048,315

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)					*Totals:*		*$17,938*	*$747,803*	
1085	Egress (A)	05-15-2003	06-14-2017	3	10%	$3.26	$17,938		PROVIDE CODE COMPLIANT EGRESS FROM 4TH & 5TH FLOOR (LIGHTING)

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings | **Area Correction:** 1.16 | **Last Audit Date:** 6/26/2023

Building: APSARUKE HALL | **Gross Area:** 20,254 Sq Ft | **Report Renewal Cost:** $1,020,355

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $296.75 | **Deficiency Ratio:** 17.0%

Const. Date: 1957 | **Replacement Cost:** $6,010,577

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$523***	***$127,398***	
5837	Exterior Steps/Retaining Walls (B)	06-17-2015	06-26-2023	2	2%	$1.29	$523		Repair canopy concrete SE entry and damage on stairs
System: Envelope (2)						***Totals:***	***$186,720***	***$499,869***	
3352	Exterior Walls (A)	06-15-2007	06-15-2007	2	1%	$6.63	$1,343		INSPECT/REPAIR MASONRY VENEER JOINT DAMAGE @ EAST FACING WALL ADJ TO SERVICE DRIVE.
5838	Exterior Walls (A)	06-17-2015	06-17-2015	2	1%	$6.63	$1,343		Replace coping.
5839	Exterior Walls (A)	06-17-2015	06-17-2015	2	1%	$6.63	$1,343		Replace brick and repoint brick on top of chimney stack.
1803	Exterior Windows (B)	05-02-2005	05-17-2013	4	10%	$9.02	$18,269		MITIGATE SOLAR HEAT GAIN FROM SOUTHSIDE WINDOWS.
4802	Exterior Windows (B)	05-17-2013	05-17-2013	5	90%	$9.02	$164,422		Replace single pane windows.
System: Roof System (4)						***Totals:***	***$8,324***	***$179,450***	
6765	Covering (B)	06-14-2017	06-14-2017	2	10%	$4.11	$8,324		Repair lower West roof (no recent leaks reported).
System: Finishes (5)						***Totals:***	***$53,499***	***$1,195,391***	
4167	Ceilings (B)	07-22-2009	07-22-2009	2	10%	$14.31	$28,983		Repair/ replace ceiling tiles.
4806	Interior Doors/Hardware/Windows (	05-17-2013	05-17-2013	2	3%	$11.78	$7,158		Replace delamintated doors and fire doors w/stops.
6769	Wall Finishes (E)	06-14-2017	06-14-2017	2	10%	$8.57	$17,358		Repaint.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Billings | **Area Correction:** 1.16 | **Last Audit Date:** 6/26/2023

Building: APSARUKE HALL | **Gross Area:** 20,254 Sq Ft | **Report Renewal Cost:** $1,020,355

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $296.75 | **Deficiency Ratio:** 17.0%

Const. Date: 1957 | **Replacement Cost:** $6,010,577

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$49,050***	***$853,301***	
5843	Heating (A)	06-17-2015	06-14-2017	5	5%	$21.06	$21,327		Add VFD's to heating / water pumps.
6771	Heating (A)	06-14-2017	06-26-2023	2	1%	$21.06	$4,265		Replace flex piping on FC's heat piping (1st and 3rd floor completed 5+ years ago)
7595	Heating (A)	06-06-2019	06-06-2019	2	2%	$21.06	$8,531		Replace aging pneumatic thermostats (2/3 completed).
5844	Cooling (C)	06-17-2015	06-14-2017	5	5%	$14.74	$14,927		Add VFD's to chilled water pumps.
System: Plumbing System (8)						***Totals:***	***$611,530***	***$900,290***	
5842	Fixtures (A)	06-17-2015	06-26-2023	2	5%	$10.75	$10,887		Replace exterior hose bibbs with freeze-proof type (some are cut off)
7597	Fixtures (A)	06-09-2019	06-26-2023	2	25%	$10.75	$54,433		Replace original fixtures and water fountains with low flow
5841	Supply Piping (B)	06-17-2015	03-29-2021	2	80%	$22.79	$369,271		Replace galavanized water piping.
8539	Waste Piping (C)	03-12-2021	03-12-2021	2	80%	$10.92	$176,939		Replace waste piping - beyond EUL. No curent deficiencies.
System: Electrical System (9)						***Totals:***	***$23,667***	***$835,478***	
7599	Building Service (A)	06-06-2019	06-26-2023	5	15%	$7.79	$23,667		Replace T-8 lamps and fixtures w/LED when applicable.(in progress)
System: Safety System (11)						***Totals:***	***$87,042***	***$325,684***	
6777	Exit/Emergency Lighting/Alarms (C	06-14-2017	06-14-2017	3	75%	$5.73	$87,042		Install fire alarm system.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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Site: MSU-Billings
Building: APSARUKE HALL
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1957

Area Correction: 1.16
Gross Area: 20,254 Sq Ft
Cost/Sq Ft: $296.75
Replacement Cost: $6,010,577

Last Audit Date: 6/6/2019
Report Renewal Cost: $194,722
Deficiency Ratio: 3.2%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$55,456***	***$853,301***	
7593	Heating (A)	06-06-2019	06-06-2019	7	10%	$21.06	$42,655		Upgrade AHU to digital controls.
7601	Ventilating (B)	06-06-2019	06-06-2019	7	10%	$6.32	$12,801		Convert AHU to digital control.
System: Safety System (11)						***Totals:***	***$139,266***	***$325,684***	
87	Egress (A)	10-09-2001	10-09-2001	7	10%	$3.86	$7,818		BRING "RESCUE ASSISTANCE" AREAS UP TO CODE.
1069	Extinguishing System (B)	05-15-2003	05-15-2003	7	100%	$6.49	$131,448		INSTALL FIRE SUPPRESSION SYSTEM.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings | **Area Correction:** 1.04 | **Last Audit Date:** 6/26/2023

Building: CISEL HALL / MUSIC | **Gross Area:** 40,521 Sq Ft | **Report Renewal Cost:** $2,385,321

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $266.05 | **Deficiency Ratio:** 22.1%

Const. Date: 1951 | **Replacement Cost:** $10,781,017

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$66,009***	***$228,538***	
46	Footings/Foundation Walls (A)	10-09-2001	10-09-2001	2	10%	$4.49	$18,194		REPAIR TOP OF FOUNDATION WALLS.
4154	Footings/Foundation Walls (A)	07-22-2009	06-26-2023	2	5%	$4.49	$9,097		Address drainage issues around building. (a lot of work has been done on this item) south side
4155	Footings/Foundation Walls (A)	07-22-2009	05-17-2013	2	10%	$4.49	$18,194		Seal joints at junction of concrete pads to building foundation. (Water seepage into boiler room)
8541	Footings/Foundation Walls (A)	03-12-2021	03-12-2021	2	10%	$4.49	$18,194		Address needed repairs to foundation at NW corner due to building settlement (2018 esitimate of about $30k to fix it).
47	Exterior Steps/Retaining Walls (B)	05-15-2003	06-26-2023	2	5%	$1.15	$2,330		Replace exterior steps (NE entrance) (in progress)
System: Envelope (2)						***Totals:***	***$361,892***	***$896,325***	
3360	Exterior Walls (A)	05-02-2005	05-17-2013	2	4%	$5.95	$9,644		CLEAN/RESTORE/REPOINT EXTERIOR MASONRY ELEMENTS AT ORIG BLDG.
5862	Exterior Walls (A)	06-17-2015	06-17-2015	2	1%	$5.95	$2,411		Prep and repaint lintels on the West side of building.
10566	Exterior Walls (A)	06-26-2023	06-26-2023	2	5%	$5.95	$12,055		Repair soffit
49	Exterior Windows (B)	01-18-1995	06-14-2017	2	96%	$8.08	$314,313		REPLACE WINDOWS WITH THERMAL PANE TYPE.
50	Exterior Windows (B)	10-09-2001	05-17-2013	2	4%	$8.08	$13,096		REPAIR SILLS AT LOWEST LEVEL WINDOWS.
3361	Exterior Doors/Hatches (C)	06-14-2007	06-14-2007	2	5%	$1.28	$2,593		RESTORE/REPAINT/RECAULK EXTERIOR HOLLOW METAL FRAMES AT WEST ADDITION.
4816	Exterior Doors/Hatches (C)	05-17-2013	06-17-2015	2	15%	$1.28	$7,780		Replace southwest and North metal doors, transoms and frame.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings | **Area Correction:** 1.04 | **Last Audit Date:** 6/26/2023

Building: CISEL HALL / MUSIC | **Gross Area:** 40,521 Sq Ft | **Report Renewal Cost:** $2,385,321

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $266.05 | **Deficiency Ratio:** 22.1%

Const. Date: 1951 | **Replacement Cost:** $10,781,017

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)					***Totals:***		***$96,354***	***$322,142***	
8542	Structure (A)	03-12-2021	03-12-2021	2	5%	$2.27	$4,599		Repair coating at east entrance (2021 estimate of $2k).
8543	Structure (A)	03-12-2021	03-12-2021	2	90%	$2.27	$82,784		Membrane roof last replaced in 1990. Beyond EUL and showing some wear.
4818	Covering (B)	05-17-2013	05-17-2013	2	5%	$3.69	$7,476		Seal joints at coping.
10567	Covering (B)	06-26-2023	06-26-2023	2	1%	$3.69	$1,495		Monitor canopy at SW entrance
System: Finishes (5)					***Totals:***		***$261,959***	***$2,143,966***	
1983	Ceilings (B)	05-02-2005	05-17-2013	2	10%	$12.83	$51,988		REPLACE DAMAGED CEILING TILE.
3362	Interior Doors/Hardware/Windows (	06-14-2007	07-27-2011	2	10%	$10.56	$42,790		INSPECT/REPAIR/REPLACE INTERIOR DOOR HARDWARE.
52	Floor Finishes (D)	10-09-2001	06-26-2023	2	50%	$7.33	$148,509		Replace floor finishes. (bids out for all flooring)
4156	Wall Finishes (E)	07-22-2009	06-14-2017	2	5%	$7.68	$15,560		Remove deteriorated CT wall tile in abandoned shower areas in restrooms.
8516	Wall Finishes (E)	05-15-2003	03-29-2021	2	1%	$7.68	$3,112		Reapaint as needed.
System: Specialties (6)					***Totals:***		***$53,386***	***$616,324***	
1072	Toilet Partitions (A)	05-15-2003	05-15-2003	2	50%	$2.25	$45,586		Replace partitions as needed.
6748	Signage/Directories (B)	06-14-2017	06-26-2023	3	25%	$0.77	$7,800		Upgrade/install signage (in progress)

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Billings
Building: CISEL HALL / MUSIC
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1951

Area Correction: 1.04
Gross Area: 40,521 Sq Ft
Cost/Sq Ft: $266.05
Replacement Cost: $10,781,017

Last Audit Date: 6/26/2023
Report Renewal Cost: $2,385,321
Deficiency Ratio: 22.1%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$508,883***	***$1,530,478***	
3278	Heating (A)	06-13-2007	06-13-2007	2	5%	$18.88	$38,252		REPLACE FLEX PIPING CONNECTORS AT FAN COIL UNITS.
4827	Heating (A)	05-17-2013	05-17-2013	2	5%	$18.88	$38,252		Replace fan coil units.
6750	Heating (A)	06-14-2017	06-14-2017	2	10%	$18.88	$76,504		Replace pneumatic controls w/digital.
53	Ventilating (B)	01-18-1995	01-18-1995	3	5%	$5.67	$11,488		INSTALL EXHAUST IN ORIGINAL BUILDING RESTROOMS.
6752	Ventilating (B)	06-14-2017	06-14-2017	2	10%	$5.67	$22,975		Replace pneumatic controls w/digital.
1784	Cooling (C)	05-02-2005	05-17-2013	2	10%	$13.22	$53,569		Replace pneumatic controls w/digital.
4829	Cooling (C)	05-17-2013	05-17-2013	2	45%	$13.22	$241,059		Replace R-22 Chiller.
7609	Cooling (C)	06-06-2019	06-06-2019	2	5%	$13.22	$26,784		Replace flex piping connectors at fan cool units.
System: Plumbing System (8)						***Totals:***	***$537,876***	***$1,614,762***	
55	Fixtures (A)	10-09-2001	06-14-2017	2	75%	$9.64	$292,967		Replace fixtures in original building w/low-flow
10569	Supply Piping (B)	06-26-2023	06-26-2023	2	20%	$20.43	$165,569		Replace hot and cold water piping in original building
10570	Waste Piping (C)	06-26-2023	06-26-2023	2	20%	$9.79	$79,340		Replace waste piping in original building
System: Electrical System (9)						***Totals:***	***$235,852***	***$1,498,467***	
7611	Building Service (A)	06-06-2019	06-06-2019	5	15%	$6.99	$42,486		Upgrade lighting from T-8 to LED.
7613	Distribution (C)	06-06-2019	06-06-2019	2	40%	$11.93	$193,366		Obsolete eequipment/parts, can no longer replace.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Billings | **Area Correction:** 1.04 | **Last Audit Date:** 6/26/2023

Building: CISEL HALL / MUSIC | **Gross Area:** 40,521 Sq Ft | **Report Renewal Cost:** $2,385,321

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $266.05 | **Deficiency Ratio:** 22.1%

Const. Date: 1951 | **Replacement Cost:** $10,781,017

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	***$263,110***	***$584,313***	
61	Egress (A)	05-15-2003	05-15-2003	3	10%	$3.46	$14,020		BRING RESCUE ASSISTANCE AREA UP TO CODE (PHONE, INSTRUCTIONS, ETC.).
3364	Egress (A)	06-14-2007	06-14-2007	3	5%	$3.46	$7,010		INSPECT/UPGRADE FOUR-STORY STAIR ENCLOSURES.
62	Extinguishing System (B)	01-18-1995	01-18-1995	2	10%	$5.82	$23,583		REPLACE EXISTING STAND PIPES.
1074	Extinguishing System (B)	05-15-2003	05-15-2003	3	90%	$5.82	$212,249		EXPAND FIRE SUPPRESSION SYSTEM.
7614	Exit/Emergency Lighting/Alarms (C	06-06-2019	06-06-2019	2	3%	$5.14	$6,248		Upgrade emergency lights to LED.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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- ☐ *2*
- ☐ *3*
- ☐ *4*
- ☐ *5*
- ☐ *6*
- ☑ *7*

Site: MSU-Billings | **Area Correction:** 1.04 | **Last Audit Date:** 6/6/2019

Building: CISEL HALL / MUSIC | **Gross Area:** 40,521 Sq Ft | **Report Renewal Cost:** $396,701

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $266.05 | **Deficiency Ratio:** 3.7%

Const. Date: 1951 | **Replacement Cost:** $10,781,017

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$31,201***	***$616,324***	
4823	Signage/Directories (B)	05-17-2013	05-17-2013	7	100%	$0.77	$31,201		Install ADA signage.
System: HVAC System (7)						***Totals:***	***$267,844***	***$1,530,478***	
54	Cooling (C)	05-15-2003	05-15-2003	7	50%	$13.22	$267,844		REPLACE EXISTING WINDOW A/C WITH CENTRAL A/C IN ORIGINAL BUILDING.
System: Plumbing System (8)						***Totals:***	***$97,656***	***$1,614,762***	
7615	Fixtures (A)	06-06-2019	06-06-2019	7	25%	$9.64	$97,656		Remove abandoned showers.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings | **Area Correction:** 0.96 | **Last Audit Date:** 6/26/2023

Building: COLLEGE OF EDUCATION | **Gross Area:** 96,340 Sq Ft | **Report Renewal Cost:** $3,553,272

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $245.59 | **Deficiency Ratio:** 15.0%

Const. Date: 1972 | **Replacement Cost:** $23,661,104

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$3,988***	***$501,931***	
10543	Footings/Foundation Walls (A)	06-26-2023	06-26-2023	2	1%	$4.14	$3,988		Monitor settling
System: Envelope (2)						***Totals:***	***$92,188***	***$1,967,263***	
3367	Exterior Walls (A)	06-14-2007	06-17-2015	2	2%	$5.49	$10,578		REPAIR & SEAL PARAPET COPINGS JOINTS.
6666	Exterior Walls (A)	06-14-2017	06-14-2017	2	10%	$5.49	$52,891		Replaice EIFS w/metal panels where bird damage has occurred.
10544	Exterior Walls (A)	06-26-2023	06-26-2023	2	5%	$5.49	$26,445		Repair gutters on roof
5866	Exterior Doors/Hatches (C)	06-17-2015	06-17-2015	2	2%	$1.18	$2,274		Refinish doors.
System: Roof System (4)						***Totals:***	***$471,102***	***$706,172***	
10545	Covering (B)	06-26-2023	06-26-2023	2	90%	$3.40	$294,800		Replace roof covering
4831	Insulation (C)	05-17-2013	03-29-2021	2	100%	$1.83	$176,302		Existing roof beyond expected lifetime.
System: Finishes (5)						***Totals:***	***$161,774***	***$4,705,246***	
3369	Ceilings (B)	06-14-2007	03-29-2021	2	3%	$11.84	$34,220		Replace damaged ceiling tiles as needed.
4835	Interior Doors/Hardware/Windows (	05-17-2013	05-17-2013	2	3%	$9.75	$28,179		Replace as needed.
10546	Floor Finishes (D)	06-26-2023	06-26-2023	2	10%	$6.77	$65,222		Replace flooring as needed
1077	Wall Finishes (E)	05-15-2003	06-14-2017	2	5%	$7.09	$34,153		Paint as needed.
System: Specialties (6)						***Totals:***	***$59,192***	***$1,352,614***	
6673	Toilet Partitions (A)	06-14-2017	06-14-2017	2	10%	$2.08	$20,039		Repair/replace 1st floor toilet partitions. (2nd floor was done before 2015 FCI)
4837	Chalk/Tack/Whiteboards/Cabinets (	05-17-2013	05-17-2013	2	4%	$10.16	$39,153		Replace cabinets - Room 122 and 1st and 2nd floors.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings | **Area Correction:** 0.96 | **Last Audit Date:** 6/26/2023

Building: COLLEGE OF EDUCATION | **Gross Area:** 96,340 Sq Ft | **Report Renewal Cost:** $3,553,272

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $245.59 | **Deficiency Ratio:** 15.0%

Const. Date: 1972 | **Replacement Cost:** $23,661,104

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$957,138***	***$3,358,412***	
5972	Heating (A)	06-17-2015	06-17-2015	2	5%	$17.43	$83,960		Replace reheat coil valves.
7620	Heating (A)	06-06-2019	06-06-2019	2	5%	$17.43	$83,960		Replace pneumatic VAVs
1858	Ventilating (B)	05-02-2005	03-29-2021	2	10%	$5.23	$50,386		REPLACE PNEUMATIC CONTROLS SERVING ORIGINAL BUILDING
4843	Ventilating (B)	05-17-2013	06-14-2017	2	20%	$5.23	$100,772		Replace AHU-1.
6675	Ventilating (B)	06-14-2017	06-14-2017	2	5%	$5.23	$25,193		Replace pneumatic VAV's.
6677	Ventilating (B)	06-14-2017	06-06-2019	2	5%	$5.23	$25,193		Replace flex pipe to fan coils.
1859	Cooling (C)	05-02-2005	05-17-2013	2	25%	$12.20	$293,837		REPLACE MCQUAY CHILLER (functional - controls are an issue
10548	Cooling (C)	06-26-2023	06-26-2023	2	25%	$12.20	$293,837		Replace McQuay chiller controls
System: Plumbing System (8)						***Totals:***	***$1,794,190***	***$3,544,349***	
5968	Fixtures (A)	06-17-2015	06-17-2015	2	20%	$8.89	$171,293		Replace water heater (boiler type).
6667	Fixtures (A)	06-14-2017	06-14-2017	2	20%	$8.89	$171,293		Replace old lavatories
6669	Fixtures (A)	06-14-2017	06-14-2017	5	25%	$8.89	$214,116		Upgrade to low-flow faucets (1/2 already complete)
6679	Fixtures (A)	06-14-2017	06-14-2017	2	30%	$8.89	$256,939		Replace maintenance-intensive auto valves for urinals & lavatories.
5969	Supply Piping (B)	06-17-2015	06-14-2017	2	30%	$18.86	$545,092		Replace piping/domestic hot water recirculation.
7619	Waste Piping (C)	06-06-2019	06-06-2019	2	50%	$9.04	$435,457		Replace original waste pipe (3rd and 4th floor replaced in 2005).
System: Safety System (11)						***Totals:***	***$13,700***	***$1,282,285***	
3284	Exit/Emergency Lighting/Alarms (C	06-13-2007	05-17-2013	2	3%	$4.74	$13,700		Upgrade emergency lights w/LED

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings
Building: FACILITIES SERVICES OFFICE
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1979
Area Correction: 1.44
Gross Area: 4,974 Sq Ft
Cost/Sq Ft: $368.38
Replacement Cost: $1,832,372
Last Audit Date: 6/26/2023
Report Renewal Cost: $120,303
Deficiency Ratio: 6.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$398***	***$38,847***	
4596	Exterior Steps/Retaining Walls (B)	07-27-2011	07-27-2011	3	5%	$1.60	$398		Provide edge protection at front sidewalk.
System: Envelope (2)						***Totals:***	***$13,181***	***$152,354***	
3404	Exterior Walls (A)	06-15-2007	06-15-2007	2	5%	$8.24	$2,049		REPAIR/RESTORE ROOF OVERHANG FASCIA.
3405	Exterior Windows (B)	06-15-2007	06-15-2007	2	20%	$11.19	$11,132		REPLACE ORIGINAL WINDOWS AT ADMIN BLDG.
System: Roof System (4)						***Totals:***	***$2,350***	***$54,714***	
8545	Structure (A)	03-12-2021	03-12-2021	2	15%	$3.15	$2,350		Roof EUL (about 5 years old from last hail storm in ~2016).
System: Finishes (5)						***Totals:***	***$25,797***	***$364,395***	
4847	Floor Finishes (D)	05-17-2013	06-26-2023	2	50%	$10.16	$25,268		Replace carpet
6738	Wall Finishes (E)	06-14-2017	06-14-2017	2	1%	$10.64	$529		Repaint offices.
System: Plumbing System (8)						***Totals:***	***$66,050***	***$274,465***	
7623	Waste Piping (C)	06-06-2019	06-06-2019	2	98%	$13.55	$66,050		Replace waste piping.
System: Electrical System (9)						***Totals:***	***$7,222***	***$254,669***	
7624	Building Service (A)	06-06-2019	06-26-2023	5	15%	$9.68	$7,222		Upgrade T-8 lighting to LED. (in progress)
System: Safety System (11)						***Totals:***	***$5,305***	***$99,281***	
468	Exit/Emergency Lighting/Alarms (C	10-08-2001	07-27-2011	3	15%	$7.11	$5,305		Provide emergency LED lighting.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Billings | **Area Correction:** 1.44 | **Last Audit Date:** 6/17/2015

Building: FACILITIES SERVICES OFFICE | **Gross Area:** 4,974 Sq Ft | **Report Renewal Cost:** $81,852

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $368.38 | **Deficiency Ratio:** 4.5%

Const. Date: 1979 | **Replacement Cost:** $1,832,372

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$20,543***	***$254,669***	
3318	Distribution (C)	06-13-2007	07-27-2011	7	25%	$16.52	$20,543		ADD BRANCH PANEL CAPACITY.
System: Safety System (11)						***Totals:***	***$61,309***	***$99,281***	
466	Extinguishing System (B)	10-08-2001	10-08-2001	7	100%	$8.06	$40,090		SPRINKLER BUILDING.
2024	Exit/Emergency Lighting/Alarms (C	05-02-2005	06-17-2015	7	60%	$7.11	$21,219		INSTALL FIRE ALARM SYSTEM.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Billings
Building: FACILITIES SERVICES SHOP
Building Type/ Age Class: Vocational Shops (6B)
Const. Date: 1979
Area Correction: 1.21
Gross Area: 16,812 Sq Ft
Cost/Sq Ft: $219.06
Replacement Cost: $3,683,005
Last Audit Date: 6/26/2023
Report Renewal Cost: $791,842
Deficiency Ratio: 21.5%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$3,657***	***$503,351***	
4857	Exterior Doors/Hatches (C)	05-17-2013	06-14-2017	2	5%	$4.35	$3,657		Exterior man doors.
System: Roof System (4)						***Totals:***	***$158,201***	***$294,210***	
4562	Covering (B)	07-27-2011	06-26-2023	2	100%	$9.41	$158,201		Replace roof covering, ballast roof has leaks
System: HVAC System (7)						***Totals:***	***$144,164***	***$366,838***	
4604	Heating (A)	07-27-2011	06-06-2019	2	40%	$10.91	$73,368		Replace three boilers and controls.
6681	Heating (A)	06-14-2017	06-06-2019	2	20%	$10.91	$36,684		Replace make-up air unit to paint shop.
7628	Heating (A)	06-06-2019	06-06-2019	2	10%	$10.91	$18,342		Replace AHU in offices.
7636	Cooling (C)	06-06-2019	06-06-2019	2	10%	$9.38	$15,770		Replace condensing unit.
System: Plumbing System (8)						***Totals:***	***$184,784***	***$218,724***	
7630	Fixtures (A)	06-06-2019	06-06-2019	2	2%	$2.06	$693		Replace toilets with low flow use (Mens restroom is done).
7633	Supply Piping (B)	06-06-2019	06-06-2019	2	100%	$4.10	$68,929		Replace supply piping.
7634	Waste Piping (C)	06-06-2019	06-06-2019	2	98%	$6.85	$112,859		Replace waste piping.
7635	Waste Piping (C)	06-06-2019	06-06-2019	2	2%	$6.85	$2,303		Replace floor drains.
System: Electrical System (9)						***Totals:***	***$2,623***	***$281,769***	
7631	Building Service (A)	06-06-2019	06-26-2023	5	15%	$1.04	$2,623		Upgrade T-8 lighting to LED (1/4 complete)

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1
☑ 2
☑ 3
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☐ 7

Site: MSU-Billings
Area Correction: 1.21
Last Audit Date: 6/26/2023

Building: FACILITIES SERVICES SHOP
Gross Area: 16,812 Sq Ft
Report Renewal Cost: $791,842

Building Type/ Age Class: Vocational Shops (6B)
Cost/Sq Ft: $219.06
Deficiency Ratio: 21.5%

Const. Date: 1979
Replacement Cost: $3,683,005

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	***$298,413***	***$365,997***	
5977	Extinguishing System (B)	06-17-2015	06-17-2015	3	100%	$10.04	$168,792		Add fire sprinklers.
4565	Exit/Emergency Lighting/Alarms (C	07-27-2011	06-17-2015	3	100%	$7.71	$129,621		Add fire alarm system and upgrade emergency lighting to LED.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings
Area Correction: 1.21
Last Audit Date: 6/13/2007

Building: FACILITIES SERVICES SHOP
Gross Area: 16,812 Sq Ft
Report Renewal Cost: $157,697

Building Type/ Age Class: Vocational Shops (6B)
Cost/Sq Ft: $219.06
Deficiency Ratio: 4.3%

Const. Date: 1979
Replacement Cost: $3,683,005

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						*Totals:*	*$157,697*	*$366,838*	
2021	Cooling (C)	05-02-2005	06-13-2007	7	100%	$9.38	$157,697		REPLACE OLD & ADD NEW CONDENSING UNITS TO SERVE OFFICES.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings | **Area Correction:** 0.96 | **Last Audit Date:** 6/26/2023

Building: LIBERAL ARTS | **Gross Area:** 97,488 Sq Ft | **Report Renewal Cost:** $4,769,173

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $245.59 | **Deficiency Ratio:** 19.9%

Const. Date: 1970 | **Replacement Cost:** $23,943,053

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$10,334***	***$507,912***	
3374	Exterior Steps/Retaining Walls (B)	06-14-2007	07-27-2011	2	5%	$1.06	$5,167		REPAIR TOPS OF BRICK WALLS ADJ TO STAIRS ON WEST SIDE.
10550	Exterior Steps/Retaining Walls (B)	06-26-2023	06-26-2023	2	5%	$1.06	$5,167		Repair seperation of stairs @ NW corner
System: Envelope (2)						***Totals:***	***$855,710***	***$1,990,705***	
4148	Exterior Walls (A)	07-22-2009	07-22-2009	2	1%	$5.49	$5,352		Remove tar to substrate and seal brick parapet walls (water damage at 8th floor).
4567	Exterior Walls (A)	07-27-2011	07-27-2011	2	20%	$5.49	$107,042		Repair masonry on exterior of building.
4867	Exterior Walls (A)	05-17-2013	06-26-2023	2	3%	$5.49	$16,056		Repoint as needed
456	Exterior Windows (B)	10-09-2001	06-14-2017	2	100%	$7.46	$727,260		REPLACE WINDOWS WITH THERMOPANE TYPE.
System: Floor System (3)						***Totals:***	***$5,684***	***$2,440,125***	
1864	Stair Treads/Risers (B)	05-02-2005	06-12-2007	3	1%	$5.83	$5,684		INFILL GATE AT THIRD FLOOR STAIR TO MEET CODE.
System: Roof System (4)						***Totals:***	***$33,146***	***$714,587***	
10551	Covering (B)	06-26-2023	06-26-2023	2	10%	$3.40	$33,146		Repair roof covering

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings
Building: LIBERAL ARTS
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1970
Area Correction: 0.96
Gross Area: 97,488 Sq Ft
Cost/Sq Ft: $245.59
Replacement Cost: $23,943,053
Last Audit Date: 6/26/2023
Report Renewal Cost: $4,769,173
Deficiency Ratio: 19.9%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$250,545***	***$4,761,314***	
4871	Ceilings (B)	05-17-2013	05-17-2013	2	10%	$11.84	$115,426		Replace tiles as needed.
1852	Floor Finishes (D)	05-02-2005	06-26-2023	2	5%	$6.77	$33,000		REPLACE CARPET IN OFFICE SUITES WHERE NEEDED. (in progress)
1867	Floor Finishes (D)	10-09-2001	10-09-2001	2	5%	$6.77	$33,000		PATCH FLOOR IN MECHANICAL ROOM AT AREAS OF CORROSION.
1866	Wall Finishes (E)	10-09-2001	10-09-2001	2	10%	$7.09	$69,119		Paint walls as needed.
System: Specialties (6)						***Totals:***	***$122,787***	***$1,368,732***	
4149	Toilet Partitions (A)	07-22-2009	07-22-2009	2	10%	$2.08	$20,278		Repair/ replace.
4150	Signage/Directories (B)	07-22-2009	06-26-2023	2	5%	$0.71	$3,461		Upgrade. (in progress)
1856	Chalk/Tack/Whiteboards/Cabinets (	05-02-2005	06-26-2023	4	10%	$10.16	$99,048		Remove cabinetry in office. (when requested - materials in stock)
System: HVAC System (7)						***Totals:***	***$518,295***	***$3,398,432***	
4873	Heating (A)	05-17-2013	06-06-2019	2	10%	$17.43	$169,922		Replace pneumatic VAVs with DDC.
7645	Heating (A)	06-06-2019	06-06-2019	2	10%	$17.43	$169,922		Upgrade AHU controls to DDC.
1857	Ventilating (B)	05-02-2005	06-14-2017	2	15%	$5.23	$76,479		REPLACE AHU COILS & OSA DAMPERS (OR ENTIRE UNIT) TO PREVENT FREEZING.
7638	Ventilating (B)	06-06-2019	06-06-2019	2	10%	$5.23	$50,986		Replace pneumatic VAVs with DDC.
7646	Ventilating (B)	06-06-2019	06-06-2019	2	10%	$5.23	$50,986		Upgrade AHU controls to DDC.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings | **Area Correction:** 0.96 | **Last Audit Date:** 6/26/2023

Building: LIBERAL ARTS | **Gross Area:** 97,488 Sq Ft | **Report Renewal Cost:** $4,769,173

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $245.59 | **Deficiency Ratio:** 19.9%

Const. Date: 1970 | **Replacement Cost:** $23,943,053

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$2,912,600***	***$3,586,584***	
461	Fixtures (A)	10-09-2001	06-26-2023	2	70%	$8.89	$606,668		Replace obsolete flush valves behind wall. (in progress)
7640	Fixtures (A)	06-06-2019	06-26-2023	2	15%	$8.89	$130,000		Replace old fixtures (in progress)
5980	Supply Piping (B)	06-17-2015	03-29-2021	2	80%	$18.86	$1,470,899		Replace galvanized piping.
4877	Waste Piping (C)	05-13-2013	03-29-2021	2	80%	$9.04	$705,033		Replace waste piping - clogs often.
System: Safety System (11)						***Totals:***	***$60,072***	***$1,297,565***	
7644	Exit/Emergency Lighting/Alarms (C	06-06-2019	06-06-2019	2	3%	$4.74	$13,863		Upgrade emergency lights to LED.
8518	Exit/Emergency Lighting/Alarms (C	06-17-2015	06-26-2023	2	10%	$4.74	$46,209		Add/Replace emergency generator

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Billings | **Area Correction:** 0.96 | **Last Audit Date:** 6/26/2023

Building: LIBERAL ARTS | **Gross Area:** 97,488 Sq Ft | **Report Renewal Cost:** $147,694

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $245.59 | **Deficiency Ratio:** 0.6%

Const. Date: 1970 | **Replacement Cost:** $23,943,053

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$40,360***	***$507,912***	
4590	Footings/Foundation Walls (A)	07-27-2011	06-26-2023	7	10%	$4.14	$40,360		Address site drainage issues on NE side (partially addressed 20% done)
System: Electrical System (9)						***Totals:***	***$107,334***	***$3,328,240***	
462	Distribution (C)	05-15-2003	05-17-2013	7	10%	$11.01	$107,334		Increase secondary system capacity.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings
Building: LIBRARY
Building Type/ Age Class: Library (28B)
Const. Date: 1968

Area Correction: 0.96
Gross Area: 85,447 Sq Ft
Cost/Sq Ft: $209.16
Replacement Cost: $17,872,949

Last Audit Date: 6/26/2023
Report Renewal Cost: $3,754,431
Deficiency Ratio: 21.0%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$112,482***	***$634,871***	
4592	Footings/Foundation Walls (A)	07-27-2011	06-26-2023	2	20%	$6.37	$108,859		Address site drainage issues (Experiencing water infiltration into connector) sealed in 2022 - no issues to date
4144	Exterior Steps/Retaining Walls (B)	07-22-2009	05-17-2013	2	4%	$1.06	$3,623		Repair concrete walk area toppings (over habitable space).
System: Envelope (2)						***Totals:***	***$837,099***	***$3,932,271***	
110	Exterior Walls (A)	01-18-1995	03-29-2021	2	15%	$27.66	$354,520		REPAIR/PATCH CONCRETE FASCIA & SOFFIT (Frequent water infiltration into building due to porous brick).
5870	Exterior Walls (A)	06-17-2015	06-17-2015	2	1%	$27.66	$23,635		Replace caulk at precast panel of first floor.
5872	Exterior Walls (A)	06-17-2015	06-17-2015	2	1%	$27.66	$23,635		Repair precast panel SW corner lecture hall 231 up high.
111	Exterior Windows (B)	01-18-1995	01-18-1995	5	100%	$5.05	$431,507		REPLACE WINDOWS WITH THERMAL PANE TYPE.
3377	Exterior Doors/Hatches (C)	06-14-2007	06-26-2023	2	5%	$0.89	$3,802		repaint hollow metal doors & frames as needed
System: Roof System (4)						***Totals:***	***$265,313***	***$751,934***	
10553	Structure (A)	06-26-2023	06-26-2023	2	75%	$4.14	$265,313		Roof EUL
System: Finishes (5)						***Totals:***	***$156,241***	***$2,658,256***	
1836	Interior Wall Systems (A)	05-02-2005	06-17-2015	2	1%	$8.20	$7,007		Repair trim.
6728	Ceilings (B)	06-14-2017	06-14-2017	2	5%	$11.84	$50,585		Replace ceiling tiles as needed.
8520	Interior Doors/Hardware/Windows (	05-02-2005	03-29-2021	2	5%	$3.45	$14,740		Refinish doors and trim throughout building.
8522	Floor Finishes (D)	06-17-2015	06-26-2023	2	15%	$6.47	$82,926		Replace carpet on top and bottom floors (main floor complete).
8524	Wall Finishes (E)	06-14-2017	03-29-2021	2	1%	$1.15	$983		Repaint as needed.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings
Building: LIBRARY
Building Type/ Age Class: Library (28B)
Const. Date: 1968

Area Correction: 0.96
Gross Area: 85,447 Sq Ft
Cost/Sq Ft: $209.16
Replacement Cost: $17,872,949

Last Audit Date: 6/26/2023
Report Renewal Cost: $3,754,431
Deficiency Ratio: 21.0%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$17,773***	***$238,397***	
4145	Toilet Partitions (A)	07-22-2009	06-26-2023	2	10%	$2.08	$17,773		Repair/ replace as needed
1838	Fixed Seating/Risers (C)	05-02-2005	05-17-2013	2	25%	$0.00	$0		Replace seats at lecture halls (2 of the 3).
System: HVAC System (7)						***Totals:***	***$1,277,868***	***$3,152,140***	
4581	Heating (A)	07-27-2011	06-06-2019	5	10%	$18.44	$157,564		Add heating control valves on 1st and 2nd floor commons.
5985	Heating (A)	06-17-2015	06-17-2015	2	20%	$18.44	$315,129		Replace AHU-3.
5988	Heating (A)	06-17-2015	06-17-2015	2	10%	$18.44	$157,564		Replace heating water piping.
6721	Heating (A)	06-14-2017	06-26-2023	2	10%	$18.44	$157,564		Replace pneumatic control system w/digital (half digital/half DDC)
118	Ventilating (B)	04-03-1998	06-26-2023	2	7%	$5.53	$33,077		Replace humidifier
119	Ventilating (B)	10-08-2001	07-22-2009	2	5%	$5.53	$23,626		Replace AHU-4 roll filters with pleated.
6722	Ventilating (B)	06-14-2017	06-26-2023	2	10%	$5.53	$47,252		Replace pneumatic control system w/digital (half digital/half DDC)
4881	Cooling (C)	05-17-2013	06-26-2023	2	25%	$12.91	$275,780		Replace two cooling towers and locate above grade (concrete deteriorating)
6723	Cooling (C)	06-14-2017	06-26-2023	2	10%	$12.91	$110,312		Replace pneumatic control system w/digital (half digital/half DDC)
System: Plumbing System (8)						***Totals:***	***$600,607***	***$852,761***	
3295	Fixtures (A)	06-13-2007	06-26-2023	2	60%	$3.04	$155,855		Replace old/obsolete fixtures w/low flow as needed
6732	Supply Piping (B)	06-14-2017	03-29-2021	2	75%	$4.16	$266,595		Replace recirculating piping serving restrooms (CDAW).
3297	Waste Piping (C)	06-13-2007	03-29-2021	2	75%	$2.78	$178,157		REPLACE WASTE PIPING SERVING RESTROOMS.
System: Conveying (10)						***Totals:***	***$455,945***	***$569,931***	
10555	Elevator/Lift (A)	06-26-2023	06-26-2023	2	80%	$6.67	$455,945		Replace elevator

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings
Building: LIBRARY
Building Type/ Age Class: Library (28B)
Const. Date: 1968

Area Correction: 0.96
Gross Area: 85,447 Sq Ft
Cost/Sq Ft: $209.16
Replacement Cost: $17,872,949

Last Audit Date: 6/26/2023
Report Renewal Cost: $3,754,431
Deficiency Ratio: 21.0%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	***$31,103***	***$860,451***	
453	Egress (A)	10-08-2001	07-27-2011	3	10%	$3.19	$27,258		ADD INFILL TO ALL STAIR RAILS.
7649	Exit/Emergency Lighting/Alarms (C	06-06-2019	06-06-2019	2	3%	$1.50	$3,845		Upgrade emeregency lights to LED.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings
Building: P.E. BUILDING (STATE PORTION)
Building Type/ Age Class: Athletic Facilities (5B)
Const. Date: 1961

Area Correction: 0.98
Gross Area: 68,800 Sq Ft
Cost/Sq Ft: $248.27
Replacement Cost: $17,081,664

Last Audit Date: 6/26/2023
Report Renewal Cost: $3,336,373
Deficiency Ratio: 19.5%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$164,708***	***$549,024***	
89	Footings/Foundation Walls (A)	04-02-1998	06-14-2017	2	30%	$6.89	$142,210		REPLACE SETTLED & DETERIORATED CONCRETE & BRICK AT FRONT WALKING DECK.
5906	Exterior Steps/Retaining Walls (B)	06-17-2015	06-14-2017	2	30%	$1.09	$22,498		Replace cracked brick and rebuild retaining walls.
System: Envelope (2)						***Totals:***	***$239,569***	***$3,361,568***	
1813	Exterior Walls (A)	05-02-2005	06-26-2023	2	5%	$14.22	$48,917		RESEAL/RECAULK AT TOP OF FOUNDATION, ENTIRE BUILDING PERIMETER. 30% completed
5885	Exterior Walls (A)	06-17-2015	06-17-2015	2	3%	$14.22	$29,350		Paint galvanized steel on South canopy.
6785	Exterior Windows (B)	06-14-2017	06-14-2017	5	25%	$8.73	$150,156		Replace exterior windows.
92	Exterior Doors/Hatches (C)	01-18-1995	06-26-2023	2	15%	$1.08	$11,146		Repaint exterior doors as needed
System: Floor System (3)						***Totals:***	***$16,374***	***$1,052,640***	
1814	Stair Treads/Risers (B)	05-02-2005	06-17-2015	3	4%	$5.95	$16,374		INFILL HANDRAILS AS NEEDED TO MEET CURRENT CODE.
System: Finishes (5)						***Totals:***	***$293,975***	***$2,663,936***	
4991	Ceilings (B)	05-17-2013	05-17-2013	2	5%	$1.81	$6,226		Replace as needed.
1816	Interior Doors/Hardware/Windows (	05-02-2005	06-17-2015	2	5%	$3.97	$13,657		REFINISH INTERIOR DOORS AS NEEDED.
1817	Floor Finishes (D)	05-02-2005	06-14-2017	2	15%	$22.61	$233,335		REPLACE RUNNING TRACK SURFACE.
7664	Floor Finishes (D)	06-06-2019	06-06-2019	2	2%	$22.61	$31,111		Re-do showers.
7665	Wall Finishes (E)	06-06-2019	06-06-2019	2	2%	$7.01	$9,646		Re-do showers.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings
Building: P.E. BUILDING (STATE PORTION)
Building Type/ Age Class: Athletic Facilities (5B)
Const. Date: 1961

Area Correction: 0.98
Gross Area: 68,800 Sq Ft
Cost/Sq Ft: $248.27
Replacement Cost: $17,081,664

Last Audit Date: 6/26/2023
Report Renewal Cost: $3,336,373
Deficiency Ratio: 19.5%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$98,143***	***$2,715,536***	
4134	Toilet Partitions (A)	07-22-2009	06-14-2017	2	15%	$0.49	$5,057		Repair/ replace.
95	Fixed Seating/Risers (C)	04-02-1998	05-17-2013	2	5%	$5.78	$19,883		Replace bleachers in pool area.
1819	Chalk/Tack/Whiteboards/Cabinets (	05-02-2005	06-26-2023	2	15%	$1.04	$10,733		REPLACE CABINETS AT CONCESSION AREA (in progress)
5888	Lockers (F)	06-17-2015	06-14-2017	2	20%	$4.54	$62,470		Replace original metal lockers.
System: HVAC System (7)						***Totals:***	***$682,620***	***$1,360,176***	
97	Heating (A)	05-15-2003	06-06-2019	2	25%	$9.89	$170,108		Upgrade pneumatic controls to DDC.
7667	Heating (A)	06-06-2019	06-06-2019	2	50%	$9.89	$340,216		Replace all HV units.
4901	Ventilating (B)	05-17-2013	06-14-2017	2	25%	$2.97	$51,084		Upgrade pneumatic controls to DDC.
6787	Ventilating (B)	06-14-2017	06-14-2017	2	50%	$2.97	$102,168		Replace all HV units.
3304	Cooling (C)	06-13-2007	06-13-2007	4	4%	$6.92	$19,044		CONNECT HEAT PUMPS TO DDC SYSTEM.
System: Plumbing System (8)						***Totals:***	***$1,297,086***	***$1,607,856***	
6003	Fixtures (A)	06-17-2015	06-06-2019	2	5%	$10.06	$34,606		Replace shower valves.
6782	Fixtures (A)	06-14-2017	06-14-2017	5	50%	$10.06	$346,064		Upgrade to low-flow faucets/showerheads
102	Supply Piping (B)	01-18-1995	06-06-2019	2	70%	$9.40	$452,704		REPLACE DOMESTIC HOT H20 RECIRCULATING LINE.
7666	Supply Piping (B)	06-06-2019	06-06-2019	2	30%	$9.40	$194,016		Replace cold water pipe.
3309	Waste Piping (C)	06-13-2007	06-06-2019	2	100%	$3.92	$269,696		REPLACE WASTE PIPING.
System: Conveying (10)						***Totals:***	***$98,728***	***$394,912***	
4903	Elevator/Lift (A)	05-17-2013	05-17-2013	2	25%	$5.74	$98,728		Replace obsolete.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Billings | **Area Correction:** 0.98 | **Last Audit Date:** 6/26/2023

Building: P.E. BUILDING (STATE PORTION) | **Gross Area:** 68,800 Sq Ft | **Report Renewal Cost:** $3,336,373

Building Type/ Age Class: Athletic Facilities (5B) | **Cost/Sq Ft:** $248.27 | **Deficiency Ratio:** 19.5%

Const. Date: 1961 | **Replacement Cost:** $17,081,664

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	***$445,170***	***$1,026,496***	
1082	Extinguishing System (B)	05-15-2003	05-15-2003	3	100%	$6.31	$434,128		INSTALL FIRE SUPPRESSION SYSTEM.
7661	Exit/Emergency Lighting/Alarms (C	06-06-2019	06-06-2019	2	3%	$5.35	$11,042		Upgrade emergency lights to LED.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings | **Area Correction:** 0.93 | **Last Audit Date:** 6/26/2023

Building: PARKING GARAGE | **Gross Area:** 183,000 Sq Ft | **Report Renewal Cost:** $711,138

Building Type/ Age Class: Parking Facilities (16C) | **Cost/Sq Ft:** $73.23 | **Deficiency Ratio:** 5.3%

Const. Date: 1998 | **Replacement Cost:** $13,401,090

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$612,245***	***$7,027,200***	
4194	Exterior Walls (A)	07-22-2009	05-17-2013	2	3%	$8.16	$44,798		Repair efflourescence below sills at opaques, area below top level walkway at North stair, and East side first level interor walls.
5890	Exterior Walls (A)	06-17-2015	06-17-2015	2	1%	$8.16	$14,933		Replace caulk between columns and wall at top level.
5891	Exterior Walls (A)	06-17-2015	06-17-2015	2	2%	$8.16	$29,866		Repair concrete at rusted locations of exposed reinforcing & railing supports.
8549	Exterior Walls (A)	03-12-2021	06-26-2023	2	35%	$8.16	$522,648		Block walls breaking away. Sections falling off building at East and South side.
System: Roof System (4)						***Totals:***	***$5,490***	***$42,090***	
10560	Covering (B)	06-26-2023	06-26-2023	2	20%	$0.15	$5,490		Replace covering on stair towers. Leaks in roof covering on both north side, south side, and skyway
System: Plumbing System (8)						***Totals:***	***$91,866***	***$481,290***	
7688	Supply Piping (B)	06-06-2019	06-06-2019	2	5%	$0.04	$366		Replace supply pipe shut off valves.
8550	Supply Piping (B)	03-12-2021	03-12-2021	2	20%	$0.04	$1,464		Supply piping EUL.
8551	Waste Piping (C)	03-12-2021	03-12-2021	2	20%	$2.46	$90,036		Waste piping EUL.
System: Safety System (11)						***Totals:***	***$1,537***	***$644,160***	
7687	Exit/Emergency Lighting/Alarms (C	06-06-2019	06-06-2019	2	3%	$0.28	$1,537		Upgrade emergency lights to LED.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Billings | **Area Correction:** 0.94 | **Last Audit Date:** 6/26/2023

Building: PETRO HALL | **Gross Area:** 147,664 Sq Ft | **Report Renewal Cost:** $11,506,672

Building Type/ Age Class: Residence Halls (10B) | **Cost/Sq Ft:** $253.92 | **Deficiency Ratio:** 30.7%

Const. Date: 1966 | **Replacement Cost:** $37,496,320

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$74,245***	***$711,740***	
4130	Footings/Foundation Walls (A)	07-22-2009	05-17-2013	2	10%	$3.78	$55,817		Investigate settling & cracked brick at SW corner.
3392	Exterior Steps/Retaining Walls (B)	06-14-2007	06-26-2023	2	10%	$1.04	$15,357		STABILIZE RETAINING WALL ALONG UPPER LEVEL PARKING ON THE WEST END. (no new issues)
5910	Exterior Steps/Retaining Walls (B)	06-17-2015	06-17-2015	2	2%	$1.04	$3,071		Repair guardrail at support locations and properly seal concrete cors.
System: Envelope (2)						***Totals:***	***$251,738***	***$3,004,962***	
3396	Exterior Walls (A)	05-02-2005	06-26-2023	3	1%	$10.19	$15,047		Replace balcony railings with jump prevention.
5911	Exterior Walls (A)	06-17-2015	06-26-2023	2	1%	$10.19	$15,047		Repair and paint soffit at 1st floor North side. (in progress)
3397	Exterior Windows (B)	05-02-2005	06-26-2023	3	10%	$4.91	$72,503		REPLACE STOREFRONT GLAZING SYSTEMS @ 3-8 STORY LOBBIES. (replaced as they break)
10573	Exterior Windows (B)	06-26-2023	06-26-2023	2	20%	$4.91	$145,006		Replace aluminium frame window system
3398	Exterior Doors/Hatches (C)	06-14-2007	06-14-2007	2	5%	$0.56	$4,135		PAINT HOLLOW METAL DOORS & FRAMES.
System: Roof System (4)						***Totals:***	***$13,733***	***$442,992***	
10575	Covering (B)	06-26-2023	06-26-2023	2	10%	$0.93	$13,733		Replace roof

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings | **Area Correction:** 0.94 | **Last Audit Date:** 6/26/2023

Building: PETRO HALL | **Gross Area:** 147,664 Sq Ft | **Report Renewal Cost:** $11,506,672

Building Type/ Age Class: Residence Halls (10B) | **Cost/Sq Ft:** $253.92 | **Deficiency Ratio:** 30.7%

Const. Date: 1966 | **Replacement Cost:** $37,496,320

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$2,563,445***	***$7,877,874***	
1916	Ceilings (B)	05-02-2005	03-29-2021	2	20%	$1.90	$56,112		REPLACE DAMAGED CEILING TILES.
4608	Ceilings (B)	07-27-2011	03-29-2021	2	10%	$1.90	$28,056		Replace rusted restroom ceiling grids.
1913	Interior Doors/Hardware/Windows (	05-02-2005	03-29-2021	2	25%	$11.28	$416,412		REPAIR OR REPLACE WORN-OUT DOOR HARDWARE AS NEEDED.
1914	Interior Doors/Hardware/Windows (	05-02-2005	03-29-2021	2	25%	$11.28	$416,412		REPLACE DAMAGED CLOSET DOORS.
3402	Interior Doors/Hardware/Windows (	06-14-2007	03-29-2021	2	10%	$11.28	$166,565		REFINISH WOOD DOORS & REPAINT FRAMES. (including wood doors at theater lobby and adjacent spaces.)
7674	Floor Finishes (D)	06-06-2019	06-06-2019	2	5%	$10.82	$79,886		Shower floor leaks.
10577	Floor Finishes (D)	06-26-2023	06-26-2023	2	10%	$10.82	$159,772		Replace flooring in theater
10579	Floor Finishes (D)	06-26-2023	06-26-2023	2	15%	$10.82	$239,659		Replace corridor carpet
1917	Wall Finishes (E)	05-02-2005	03-29-2021	2	70%	$9.68	$1,000,571		REMOVE WALL COVERING BESIDE SINKS IN RESIDENT ROOMS; PATCH AND PAINT.(DORMROOMS & DOORS)
System: Specialties (6)						***Totals:***	***$515,509***	***$1,077,947***	
4132	Toilet Partitions (A)	07-22-2009	06-17-2015	2	30%	$2.04	$90,370		Replace.
1918	Chalk/Tack/Whiteboards/Cabinets (	05-02-2005	06-14-2017	2	25%	$4.57	$168,706		REPLACE COUNTERTOPS.
1919	Chalk/Tack/Whiteboards/Cabinets (	05-02-2005	06-14-2017	2	25%	$4.57	$168,706		REPLACE CABINETS.
1921	Chalk/Tack/Whiteboards/Cabinets (	05-02-2005	07-22-2009	2	5%	$4.57	$33,741		REPAIR MAILBOXES AS NEEDED.
1922	Chalk/Tack/Whiteboards/Cabinets (	05-02-2005	05-02-2005	2	8%	$4.57	$53,986		REPLACE BOOKSHELF UNITS IN RESIDENTS' ROOMS.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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- [x] 2
- [x] 3
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Site: MSU-Billings
Building: PETRO HALL
Building Type/ Age Class: Residence Halls (10B)
Const. Date: 1966

Area Correction: 0.94
Gross Area: 147,664 Sq Ft
Cost/Sq Ft: $253.92
Replacement Cost: $37,496,320

Last Audit Date: 6/26/2023
Report Renewal Cost: $11,506,672
Deficiency Ratio: 30.7%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$853,263***	***$3,329,823***	
1926	Heating (A)	05-02-2005	06-26-2023	2	25%	$6.81	$251,398		REPLACE STEAM-WATER HX.
1928	Heating (A)	05-02-2005	06-06-2019	2	10%	$6.81	$100,559		Replace heating unit pneumatic valves in dorm rooms with digital.
4911	Heating (A)	05-17-2013	06-14-2017	2	25%	$6.81	$251,398		Replace original boilers (qty 2).
4913	Heating (A)	05-17-2013	05-17-2013	2	5%	$6.81	$50,280		Replace pumps and add VFD's.
7675	Heating (A)	06-06-2019	06-06-2019	2	5%	$6.81	$50,280		Install heating water isolation valves.
7676	Heating (A)	06-06-2019	06-06-2019	2	10%	$6.81	$100,559		Upgrade pneumatic controls to DDC.
1924	Ventilating (B)	05-02-2005	05-02-2005	2	10%	$2.36	$34,849		Upgrade pneumatic controls to DDC.
1929	Ventilating (B)	05-02-2005	05-02-2005	2	2%	$2.36	$6,970		RE-SUPPORT DUCT SYSTEMS IN CORRIDORS.
1930	Ventilating (B)	05-02-2005	05-02-2005	4	2%	$2.36	$6,970		EXTEND EXHAUST SYSTEMS IN SHOWER AREAS BELOW CEILING LEVEL.
System: Plumbing System (8)						***Totals:***	***$3,781,896***	***$5,950,859***	
1931	Fixtures (A)	05-02-2005	06-26-2023	2	5%	$8.32	$61,428		REPLACE OBSOLETE SHOWER VALVES (DELTA) AS NEEDED
6007	Fixtures (A)	06-17-2015	06-14-2017	2	40%	$8.32	$491,426		Replace sinks in dorm rooms.
6715	Fixtures (A)	06-14-2017	06-26-2023	5	25%	$8.32	$307,141		Upgrade to low-flow faucets/shower (50% complete)
4915	Supply Piping (B)	05-17-2013	06-26-2023	2	5%	$22.15	$163,538		Replace isolation valves for restrooms as needed
6009	Supply Piping (B)	06-17-2015	06-17-2015	2	5%	$22.15	$163,538		Replace all fixture stops.
6713	Supply Piping (B)	06-14-2017	06-14-2017	2	10%	$22.15	$327,076		Replace steam coil bundle in hot water tank.
10581	Supply Piping (B)	06-26-2023	06-26-2023	2	25%	$22.15	$817,689		Replace supply piping (hot supply done)
1932	Waste Piping (C)	05-02-2005	06-26-2023	2	100%	$9.82	$1,450,060		Replace waste and vent piping - galvanized piping rusting out

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings | **Area Correction:** 0.94 | **Last Audit Date:** 6/26/2023

Building: PETRO HALL | **Gross Area:** 147,664 Sq Ft | **Report Renewal Cost:** $11,506,672

Building Type/ Age Class: Residence Halls (10B) | **Cost/Sq Ft:** $253.92 | **Deficiency Ratio:** 30.7%

Const. Date: 1966 | **Replacement Cost:** $37,496,320

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$521,712***	***$3,368,216***	
7671	Lighting (B)	06-06-2019	06-06-2019	5	15%	$6.53	$144,637		Replace T12 lamps/fixtures with LED.
1936	Distribution (C)	05-02-2005	06-13-2007	3	30%	$7.98	$353,508		UPGRADE MDP & SECONDARY TO INCREASE CAPACITY DUE TO DAISY-CHAINED PANEL FEEDRS.
6012	Distribution (C)	06-17-2015	06-17-2015	3	2%	$7.98	$23,567		Install GFI outlets at dorm sinks.
System: Conveying (10)						***Totals:***	***$2,786,420***	***$2,786,420***	
4917	Elevator/Lift (A)	05-17-2013	03-29-2021	2	100%	$18.87	$2,786,420		Replace elevator.
System: Safety System (11)						***Totals:***	***$144,711***	***$1,692,229***	
3315	Exit/Emergency Lighting/Alarms (C	06-13-2007	07-27-2011	1	25%	$3.50	$129,206		CONNECT SMOKE DETECTORS IN DORM ROOMS TO FIRE ALARM SYSTEMS.
7669	Exit/Emergency Lighting/Alarms (C	06-06-2019	06-06-2019	2	3%	$3.50	$15,505		Upgrade emergency lights to LED.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings | **Area Correction:** 0.96 | **Last Audit Date:** 6/26/2023

Building: RIMROCK HALL | **Gross Area:** 91,762 Sq Ft | **Report Renewal Cost:** $5,855,919

Building Type/ Age Class: Residence Halls (10B) | **Cost/Sq Ft:** $259.32 | **Deficiency Ratio:** 24.6%

Const. Date: 1962 | **Replacement Cost:** $23,796,639

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$5,836***	***$451,469***	
3426	Exterior Steps/Retaining Walls (B)	06-14-2007	06-14-2007	3	1%	$1.06	$973		INFILL GUARDRAIL AROUND PARKING AREA ON EAST END.
4124	Exterior Steps/Retaining Walls (B)	07-22-2009	06-26-2023	2	5%	$1.06	$4,863		North side - repair undermined concrete step area, rework drainage. (flooding)
System: Envelope (2)						***Totals:***	***$482,364***	***$1,907,732***	
1961	Exterior Walls (A)	05-02-2005	05-17-2013	2	1%	$10.41	$9,552		REPAIR CRACKING IN BRICK VENEER AT NE & SE CORNERS..
1963	Exterior Walls (A)	05-02-2005	06-26-2023	3	1%	$10.41	$9,552		Replace balcony railings with jump prevention
3427	Exterior Windows (B)	05-02-2005	06-14-2017	3	15%	$5.02	$69,097		REPLACE STOREFRONT GLAZING SYSTEMS AT LOUNGES ON 3RD TO 6TH FLOORS
4125	Exterior Windows (B)	07-22-2009	05-17-2013	5	65%	$5.02	$299,419		Replace building windows and window system south entry
4921	Exterior Windows (B)	05-02-2005	06-26-2023	5	20%	$5.02	$92,129		Caulk window frames as needed
3428	Exterior Doors/Hatches (C)	06-14-2007	06-14-2007	2	5%	$0.57	$2,615		PAINT HOLLOW METAL DOORS & FRAMES.
System: Floor System (3)						***Totals:***	***$141,314***	***$4,603,700***	
1968	Stair Treads/Risers (B)	05-02-2005	05-02-2005	2	5%	$6.16	$28,263		REPAIR/REPLACE CERAMIC TILE NOSING WHERE NEEDED.
1969	Stair Treads/Risers (B)	05-02-2005	07-27-2011	3	20%	$6.16	$113,051		INFILL STAIR HANDRAILS TO MEET CURRENT CODE.
System: Roof System (4)						***Totals:***	***$13,076***	***$280,792***	
10589	Covering (B)	06-26-2023	06-26-2023	2	15%	$0.95	$13,076		Replace roof (15years old)

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings
Building: RIMROCK HALL
Building Type/ Age Class: Residence Halls (10B)
Const. Date: 1962

Area Correction: 0.96
Gross Area: 91,762 Sq Ft
Cost/Sq Ft: $259.32
Replacement Cost: $23,796,639

Last Audit Date: 6/26/2023
Report Renewal Cost: $5,855,919
Deficiency Ratio: 24.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$547,773***	***$5,000,111***	
1974	Ceilings (B)	05-02-2005	05-17-2013	2	15%	$1.94	$26,703		Replace ceiling tile as needed.
1971	Interior Doors/Hardware/Windows (	05-02-2005	07-22-2009	2	15%	$11.52	$158,565		REPAIR OR REPLACE WORN-OUT DOOR HARDWARE.
1972	Interior Doors/Hardware/Windows (	05-02-2005	06-26-2023	2	30%	$11.52	$317,129		Replace damaged closet doors as needed
8534	Wall Finishes (E)	05-17-2013	03-29-2021	2	5%	$9.89	$45,376		Paint as needed (Dormrooms and Kitchen).
System: Specialties (6)						***Totals:***	***$373,976***	***$683,627***	
1979	Toilet Partitions (A)	05-02-2005	07-14-2009	2	50%	$2.08	$95,432		REPLACE TOILET PARTITIONS AS NEEDED.
1977	Chalk/Tack/Whiteboards/Cabinets (	05-02-2005	06-17-2015	2	30%	$4.67	$128,559		REPLACE COUNTERTOPS.
1978	Chalk/Tack/Whiteboards/Cabinets (	05-02-2005	06-17-2015	2	30%	$4.67	$128,559		REPLACE CABINETS.
1981	Chalk/Tack/Whiteboards/Cabinets (	05-02-2005	05-02-2005	2	5%	$4.67	$21,426		REPLACE OR REPAIR MAILBOXES AS NEEDED.
System: HVAC System (7)						***Totals:***	***$362,588***	***$2,113,279***	
1945	Heating (A)	05-02-2005	06-06-2019	2	5%	$6.96	$31,933		Replace obsolete pneumatic valves on heating units in dorm rooms with digital.
4925	Heating (A)	05-17-2013	03-29-2021	2	25%	$6.96	$159,666		Replace original steam boilers (well beyond EUL).
7680	Heating (A)	06-06-2019	06-06-2019	2	5%	$6.96	$31,933		Install heating water isolation valves.
7681	Heating (A)	06-06-2019	06-06-2019	2	10%	$6.96	$63,866		Upgrade pneumatic controls to DDC.
1943	Ventilating (B)	05-02-2005	06-14-2017	2	20%	$2.41	$44,229		REPLACE HV-R2 DUE TO PROBLEMS W/COILS, DAMPERS, CONTROLS, & FILTERS.
1946	Ventilating (B)	05-02-2005	05-02-2005	6	2%	$2.41	$4,423		RE-SUPPORT DUCT SYSTEMS IN CORRIDORS.
1950	Ventilating (B)	05-02-2005	05-02-2005	4	2%	$2.41	$4,423		EXTEND EXHAUST SYSTEMS IN SHOWER AREAS BELOW CEILING LEVEL.
7683	Ventilating (B)	06-06-2019	06-06-2019	2	10%	$2.41	$22,115		Replace pneumatic controls to DDC.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings
Building: RIMROCK HALL
Building Type/ Age Class: Residence Halls (10B)
Const. Date: 1962

Area Correction: 0.96
Gross Area: 91,762 Sq Ft
Cost/Sq Ft: $259.32
Replacement Cost: $23,796,639

Last Audit Date: 6/26/2023
Report Renewal Cost: $5,855,919
Deficiency Ratio: 24.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$1,864,769***	***$3,776,006***	
4931	Fixtures (A)	05-17-2013	06-26-2023	2	15%	$8.49	$116,859		Replace sink stops as needed
6654	Fixtures (A)	06-14-2017	06-26-2023	2	2%	$8.49	$15,581		Replace obsolete shower valves (DELTA) as needed
6656	Fixtures (A)	06-14-2017	06-06-2019	2	20%	$8.49	$155,812		Replace hot water tanks.
6658	Fixtures (A)	06-14-2017	06-14-2017	2	10%	$8.49	$77,906		Provide separate DHW for SUB and kitchen.
6660	Fixtures (A)	06-14-2017	06-26-2023	2	40%	$8.49	$311,624		Replace sink fixtures in dorm rooms w/ low flow as needed
3328	Supply Piping (B)	06-13-2007	06-26-2023	2	30%	$22.63	$622,972		Replace hot water piping.
7685	Supply Piping (B)	06-06-2019	06-06-2019	2	5%	$22.63	$103,829		Replace isolation valves.
1952	Waste Piping (C)	05-02-2005	06-26-2023	2	50%	$10.03	$460,186		REPLACE VERTICAL AND SHOWER WASTE PIPING.
System: Electrical System (9)						***Totals:***	***$203,987***	***$2,137,137***	
6650	Lighting (B)	06-14-2017	06-26-2023	5	15%	$6.67	$91,808		Replace t-12 lamps/fixtures w/LED (in progress)
3324	Distribution (C)	06-13-2007	07-27-2011	1	5%	$8.15	$37,393		INSTALL GFIS AT SINK OUTLETS IN ROOMS. (COORDINATE W/CABINETS)
6662	Distribution (C)	06-14-2017	06-14-2017	3	10%	$8.15	$74,786		Upgrade secondary to increase capacity due to daisy-chained panel feeders.
System: Conveying (10)						***Totals:***	***$1,768,254***	***$1,768,254***	
4937	Elevator/Lift (A)	05-17-2013	06-26-2023	2	100%	$19.27	$1,768,254		Replace obsolete (next elevator to be replaced)

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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Site: MSU-Billings
Building: RIMROCK HALL
Building Type/ Age Class: Residence Halls (10B)
Const. Date: 1962

Area Correction: 0.96
Gross Area: 91,762 Sq Ft
Cost/Sq Ft: $259.32
Replacement Cost: $23,796,639

Last Audit Date: 6/26/2023
Report Renewal Cost: $5,855,919
Deficiency Ratio: 24.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	***$91,982***	***$1,073,615***	
3327	Exit/Emergency Lighting/Alarms (C	06-13-2007	07-27-2011	1	25%	$3.58	$82,127		CONNECT SMOKE DETECTORS IN ROOMS TO FIRE ALARM SYSTEM.
7678	Exit/Emergency Lighting/Alarms (C	06-06-2019	06-06-2019	2	3%	$3.58	$9,855		Upgrade emergency lights to LED.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Billings | **Area Correction:** 0.98 | **Last Audit Date:** 6/26/2023

Building: SCIENCE | **Gross Area:** 54,311 Sq Ft | **Report Renewal Cost:** $1,829,863

Building Type/ Age Class: Teaching/Research Labs (4A) | **Cost/Sq Ft:** $266.00 | **Deficiency Ratio:** 12.7%

Const. Date: 1947 | **Replacement Cost:** $14,447,269

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$35,356***	***$494,230***	
22	Exterior Steps/Retaining Walls (B)	05-15-2003	07-14-2009	2	20%	$2.17	$23,571		REPAIR/REPLACE CONCRETE RETAINING WALLS & STEPS AT BOILER ROOM & BASEMENT DOORS.
4119	Exterior Steps/Retaining Walls (B)	07-22-2009	07-22-2009	2	10%	$2.17	$11,785		Replace concrete steps at east entrance.
System: Envelope (2)						***Totals:***	***$35,878***	***$1,601,088***	
24	Exterior Windows (B)	10-08-2001	06-21-2023	2	10%	$3.67	$19,932		Replace exterior windows and entrances. (50% complete)
1764	Exterior Windows (B)	05-02-2005	05-17-2013	2	8%	$3.67	$15,946		Refinish window oak sills.
System: Floor System (3)						***Totals:***	***$3,232***	***$910,252***	
3435	Stair Treads/Risers (B)	06-14-2007	06-14-2007	3	1%	$5.95	$3,232		PROVIDE HANDRAILS FOR INTERIOR STEPS AT EAST ENTRY DOORS.
System: Roof System (4)						***Totals:***	***$208,283***	***$795,113***	
10562	Covering (B)	06-26-2023	06-26-2023	2	50%	$7.67	$208,283		Replace membrane covering (50% replaced 4-5 years ago)
System: Finishes (5)						***Totals:***	***$52,606***	***$3,398,782***	
1761	Ceilings (B)	05-02-2005	05-02-2005	2	2%	$13.30	$14,447		REPLACE RUSTED T-BAR AT DROPPED CEILING IN CHEM STORES WITH ALUMINUM.
1763	Wall Finishes (E)	05-02-2005	06-26-2023	2	1%	$11.71	$6,360		Repaint walls as needed.
10484	Wall Finishes (E)	06-21-2023	06-21-2023	2	5%	$11.71	$31,799		Repaint walls as needed

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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Site: MSU-Billings | **Area Correction:** 0.98 | **Last Audit Date:** 6/26/2023

Building: SCIENCE | **Gross Area:** 54,311 Sq Ft | **Report Renewal Cost:** $1,829,863

Building Type/ Age Class: Teaching/Research Labs (4A) | **Cost/Sq Ft:** $266.00 | **Deficiency Ratio:** 12.7%

Const. Date: 1947 | **Replacement Cost:** $14,447,269

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$127,609***	***$1,085,677***	
4947	Heating (A)	05-17-2013	05-17-2013	2	2%	$10.68	$11,601		Replace dielectric unions on heating water piping. 50% completed in remodel
7694	Heating (A)	06-06-2019	06-06-2019	2	20%	$10.68	$116,008		Replace hot water piping. 50% completed in remodel
System: Plumbing System (8)						***Totals:***	***$1,366,899***	***$3,053,364***	
10486	Supply Piping (B)	06-21-2023	06-21-2023	2	50%	$31.46	$854,312		Replace waste/vent piping (half complete in new addition)
10564	Supply Piping (B)	06-26-2023	06-26-2023	2	30%	$31.46	$512,587		Repair/replace CW & hot water re-circ lines

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Billings | **Area Correction:** 1.04 | **Last Audit Date:** 6/26/2023

Building: STUDENT UNION BUILDING | **Gross Area:** 42,373 Sq Ft | **Report Renewal Cost:** $660,677

Building Type/ Age Class: College, Student Union (21C) | **Cost/Sq Ft:** $240.44 | **Deficiency Ratio:** 6.5%

Const. Date: 1986 | **Replacement Cost:** $10,188,164

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$54,789***	***$1,688,140***	
6694	Exterior Windows (B)	06-14-2017	06-14-2017	5	10%	$8.36	$35,424		Replace windows w/thermal panes at curtain wall, S. main entry conference rm.
10583	Exterior Windows (B)	06-26-2023	06-26-2023	2	5%	$8.36	$17,712		Repair skylight - ongoing leaks
3439	Exterior Doors/Hatches (C)	06-14-2007	06-26-2023	2	5%	$0.78	$1,653		REPAINT HOLLOW METAL DOORS & FRAMES AS
System: Roof System (4)						***Totals:***	***$67,288***	***$408,899***	
6696	Covering (B)	06-14-2017	06-26-2023	2	40%	$3.97	$67,288		Replace atrium glazing - ongoing leaks
System: Finishes (5)						***Totals:***	***$142,954***	***$2,065,260***	
6690	Ceilings (B)	06-14-2017	06-26-2023	2	25%	$10.40	$110,170		Cafeteria - Replace ceiling in dining room as needed
1882	Interior Doors/Hardware/Windows (	05-02-2005	05-17-2013	2	2%	$15.07	$12,771		REPLACE DOORS FROM KITCHEN TO FOOD SERVICE.
1879	Floor Finishes (D)	05-02-2005	05-02-2005	2	1%	$8.59	$3,640		REPLACE BROKEN CERAMIC TILE BASE @ WRR, FIRST FLOOR.
1881	Wall Finishes (E)	05-02-2005	06-26-2023	2	5%	$6.44	$13,644		Repaint at food service area 75% complete
1883	Wall Finishes (E)	05-02-2005	06-17-2015	2	1%	$6.44	$2,729		REPLACE VINYL WALL COVERING AT SEAT WALLS IN DINING AREA.
System: Specialties (6)						***Totals:***	***$30,127***	***$275,848***	
4116	Toilet Partitions (A)	07-22-2009	07-22-2009	2	30%	$2.37	$30,127		Replace worn out partitions.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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Site: MSU-Billings
Building: STUDENT UNION BUILDING
Building Type/ Age Class: College, Student Union (21C)
Const. Date: 1986

Area Correction: 1.04
Gross Area: 42,373 Sq Ft
Cost/Sq Ft: $240.44
Replacement Cost: $10,188,164

Last Audit Date: 6/26/2023
Report Renewal Cost: $660,677
Deficiency Ratio: 6.5%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$190,476***	***$1,600,428***	
7698	Heating (A)	06-06-2019	06-26-2023	2	5%	$18.88	$40,000		Upgrade pneumatic controls to DDC (AH-1 replaced 5+ years ago)
1899	Ventilating (B)	05-02-2005	06-17-2015	3	11%	$5.67	$26,428		UPGRADE EF-R5, & RELATED KITCHEN HOOD SYSTEMS TO CURRENT CODES.
7699	Ventilating (B)	06-06-2019	06-06-2019	2	5%	$5.67	$12,013		Upgrade pneumatic controls to DDC.
7700	Cooling (C)	06-06-2019	06-06-2019	2	5%	$13.22	$28,009		Upgrade pneumatic controls to DDC.
10587	Cooling (C)	06-26-2023	06-26-2023	2	15%	$13.22	$84,026		Theater and Glacier room - replace original steam/cooling units
System: Plumbing System (8)						***Totals:***	***$79,450***	***$351,696***	
1903	Fixtures (A)	05-02-2005	05-02-2005	2	5%	$2.46	$5,212		REPLACE FIXTURES IN KITCHEN RESTROOM.
10585	Supply Piping (B)	06-26-2023	06-26-2023	2	30%	$3.35	$42,585		Replace hot water piping
7697	Waste Piping (C)	06-06-2019	06-06-2019	2	30%	$2.49	$31,653		Replace waste piping (kitchen done).
System: Electrical System (9)						***Totals:***	***$67,373***	***$1,330,936***	
6692	Lighting (B)	06-14-2017	06-26-2023	5	15%	$10.60	$67,373		Replace t-8 lamps/fixtures w/LED when applicable (partially complete)
System: Safety System (11)						***Totals:***	***$28,220***	***$487,290***	
7696	Exit/Emergency Lighting/Alarms (C	06-06-2019	06-06-2019	2	30%	$2.22	$28,220		Upgrade emergency lights to LED.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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Site: MSU-Billings | **Area Correction:** 1.04 | **Last Audit Date:** 6/17/2015

Building: STUDENT UNION BUILDING | **Gross Area:** 42,373 Sq Ft | **Report Renewal Cost:** $10,424

Building Type/ Age Class: College, Student Union (21C) | **Cost/Sq Ft:** $240.44 | **Deficiency Ratio:** 0.1%

Const. Date: 1986 | **Replacement Cost:** $10,188,164

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$10,424***	***$351,696***	
6023	Fixtures (A)	06-17-2015	06-17-2015	7	10%	$2.46	$10,424		Install separate water heater for this building. The building is currently fed from Rimrock.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: City College - MSU Billings
Building: HEALTH SCIENCES BUILDING
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 2008

Area Correction: 1.04
Gross Area: 49,509 Sq Ft
Cost/Sq Ft: $309.10
Replacement Cost: $15,303,232

Last Audit Date: 6/23/2023
Report Renewal Cost: $367,240
Deficiency Ratio: 2.4%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$4,777***	***$421,322***	
10515	Footings/Foundation Walls (A)	06-23-2023	06-23-2023	2	1%	$7.35	$3,639		Monitor settling on South side of the building
7591	Exterior Steps/Retaining Walls (B)	06-05-2019	06-05-2019	2	1%	$1.15	$569		Monitor spalling concrete at enterenaces.
10523	Exterior Steps/Retaining Walls (B)	06-23-2023	06-23-2023	2	1%	$1.15	$569		Monitor concrete sidewalk/slab settling on west side of the building
System: Envelope (2)						***Totals:***	***$125,029***	***$1,503,093***	
4977	Exterior Walls (A)	05-17-2013	05-17-2013	2	3%	$10.98	$16,308		Replace all expansion joints west side and east side of south wing.
10516	Exterior Walls (A)	06-23-2023	06-23-2023	2	5%	$10.98	$27,180		Repair fascia and soffit
10517	Exterior Walls (A)	06-23-2023	06-23-2023	2	10%	$10.98	$54,361		Replace gutters on entire building
10522	Exterior Walls (A)	06-23-2023	06-23-2023	2	5%	$10.98	$27,180		Repaint metal awning on N side of building
System: Roof System (4)						***Totals:***	***$17,526***	***$716,395***	
10518	Covering (B)	06-23-2023	06-23-2023	2	5%	$7.08	$17,526		Repair metal roof (small membrane area)
System: Finishes (5)						***Totals:***	***$27,853***	***$3,001,731***	
7589	Interior Wall Systems (A)	06-05-2019	06-05-2019	2	1%	$22.75	$11,263		Repaint walls as needed.
7590	Floor Finishes (D)	06-05-2019	06-05-2019	2	1%	$10.93	$5,411		Replace/Refinish floor finishes as needed.
10521	Wall Finishes (E)	06-23-2023	06-23-2023	2	2%	$11.29	$11,179		Monitor drywall cracking/possible settling on N stairwell

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: City College - MSU Billings
Building: HEALTH SCIENCES BUILDING
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 2008
Area Correction: 1.04
Gross Area: 49,509 Sq Ft
Cost/Sq Ft: $309.10
Replacement Cost: $15,303,232
Last Audit Date: 6/23/2023
Report Renewal Cost: $367,240
Deficiency Ratio: 2.4%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$58,604***	***$2,050,663***	
10519	Ventilating (B)	06-23-2023	06-23-2023	2	5%	$16.87	$41,761		Exhust fan on roof nearing EUL
6927	Cooling (C)	06-14-2017	06-14-2017	4	1%	$5.67	$2,807		Insert exhaust fans in overheating staircases.
10520	Cooling (C)	06-23-2023	06-23-2023	2	5%	$5.67	$14,036		Replace large lobby ceiling fan
System: Plumbing System (8)						***Totals:***	***$133,451***	***$3,404,734***	
10525	Supply Piping (B)	06-23-2023	06-23-2023	2	5%	$37.09	$91,814		Supply piping EUL
10526	Waste Piping (C)	06-23-2023	06-23-2023	2	5%	$16.82	$41,637		Waste piping EUL

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: City College - MSU Billings
Building: TECHNOLOGY BUILDING
Building Type/ Age Class: Vocational School (20B)
Const. Date: 1979

Area Correction: 0.94
Gross Area: 122,500 Sq Ft
Cost/Sq Ft: $226.18
Replacement Cost: $27,708,275

Last Audit Date: 6/26/2023
Report Renewal Cost: $3,094,437
Deficiency Ratio: 11.2%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$50,888***	***$761,950***	
4973	Footings/Foundation Walls (A)	05-17-2013	05-17-2013	2	1%	$5.18	$6,346		Investigate concrete setting at south entrance.
10531	Footings/Foundation Walls (A)	06-23-2023	06-23-2023	2	1%	$5.18	$6,346		Monitor settling in hallway (classrooms above shop)
10532	Footings/Foundation Walls (A)	06-23-2023	06-23-2023	2	1%	$5.18	$6,346		Monitor separation of East wall (bay door area)
7584	Exterior Steps/Retaining Walls (B)	06-05-2019	06-05-2019	2	5%	$1.04	$6,370		Replace loading dock (Consider adding stair case to new loading dock).
10540	Exterior Steps/Retaining Walls (B)	06-26-2023	06-26-2023	2	10%	$1.04	$12,740		Repair parking lot
10541	Exterior Steps/Retaining Walls (B)	06-26-2023	06-26-2023	2	10%	$1.04	$12,740		Stormwater drainage issues, flooding parking lot & regrade SE side
System: Envelope (2)						***Totals:***	***$629,748***	***$5,024,950***	
3348	Exterior Walls (A)	06-15-2007	06-15-2007	2	1%	$27.76	$34,006		REPAIR DAMAGED SOFFITS ABOVE NORTH ENTRY.
10530	Exterior Walls (A)	06-23-2023	06-23-2023	2	15%	$27.76	$510,090		fascia above loading bay
10533	Exterior Walls (A)	06-23-2023	06-23-2023	2	2%	$27.76	$68,012		Add bollards at bay doors for wall protection
6795	Exterior Doors/Hatches (C)	06-23-2023	06-14-2017	2	15%	$0.96	$17,640		Repaint exterior hollow metal doors & frames as needed
System: Roof System (4)						***Totals:***	***$22,111***	***$847,700***	
7573	Covering (B)	06-05-2019	03-29-2021	2	5%	$3.61	$22,111		Roof covering replaced in 2017 with rubber membrane.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: City College - MSU Billings
Building: TECHNOLOGY BUILDING
Building Type/ Age Class: Vocational School (20B)
Const. Date: 1979

Area Correction: 0.94
Gross Area: 122,500 Sq Ft
Cost/Sq Ft: $226.18
Replacement Cost: $27,708,275

Last Audit Date: 6/26/2023
Report Renewal Cost: $3,094,437
Deficiency Ratio: 11.2%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$602,149***	***$4,767,700***	
6797	Ceilings (B)	06-14-2017	06-14-2017	2	5%	$6.96	$42,630		Replace ceiling tile as needed.
10535	Interior Doors/Hardware/Windows (	06-23-2023	06-23-2023	2	5%	$3.18	$19,478		Replace door hardware
475	Floor Finishes (D)	10-10-2001	06-26-2023	2	25%	$9.85	$301,656		Replace damaged carpet and tile - asbestos abatement needed
476	Floor Finishes (D)	01-19-1995	06-26-2023	2	15%	$9.85	$180,994		Replace rubber base (will be replaced w/2023 flood damage)
10537	Wall Finishes (E)	06-26-2023	06-26-2023	2	5%	$9.37	$57,391		Paint interior walls as needed
System: HVAC System (7)						***Totals:***	***$644,252***	***$5,149,900***	
4957	Heating (A)	05-17-2013	06-26-2023	2	10%	$16.72	$204,820		Replace both boilers to condensing style. (Power fin)
7578	Heating (A)	06-05-2019	06-26-2023	2	1%	$16.72	$20,482		Replace entry unit heaters (qty 4). - one complete
3266	Ventilating (B)	06-13-2007	06-13-2007	2	5%	$3.80	$23,275		REPLACE EXHAUST FANS SERVING LOCKER ROOMS.
4959	Ventilating (B)	05-17-2013	06-26-2023	2	60%	$3.80	$279,300		Replace system AHU's & RTU's. (AHU-1,RTU-6, RTU-9 done 5+ years ago
6799	Ventilating (B)	06-14-2017	06-26-2023	2	10%	$3.80	$46,550		Replace old VAV boxes and controls (1/2 building complete in 2015).
7579	Ventilating (B)	06-05-2019	06-26-2023	2	10%	$3.80	$46,550		Repair exhaust fans located above auto shop.
7580	Ventilating (B)	06-05-2019	06-05-2019	2	5%	$3.80	$23,275		Reconnect atrium ventilation.

Montana State University - Facilities Condition Inventory
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Site: City College - MSU Billings
Building: TECHNOLOGY BUILDING
Building Type/ Age Class: Vocational School (20B)
Const. Date: 1979

Area Correction: 0.94
Gross Area: 122,500 Sq Ft
Cost/Sq Ft: $226.18
Replacement Cost: $27,708,275

Last Audit Date: 6/26/2023
Report Renewal Cost: $3,094,437
Deficiency Ratio: 11.2%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$984,765***	***$1,315,650***	
5942	Fixtures (A)	06-17-2015	06-26-2023	2	50%	$2.72	$166,600		Replace old fixtures with low flow as needed
6801	Fixtures (A)	06-14-2017	06-14-2017	2	8%	$2.72	$26,656		Replace sinks in locker room
5944	Supply Piping (B)	06-17-2015	06-14-2017	2	5%	$4.53	$27,746		Replace old domestic HW recirulation piping.
7581	Supply Piping (B)	06-05-2019	06-05-2019	2	75%	$4.53	$416,194		Supply piping beyond expected useful life.
7583	Supply Piping (B)	06-05-2019	06-05-2019	2	1%	$4.53	$5,549		Replace 3" valves to water heater.
6803	Waste Piping (C)	06-14-2017	06-14-2017	2	5%	$3.49	$21,376		Replace old waste/all PVC piping. Monitor waste piping for failure.
7582	Waste Piping (C)	06-05-2019	06-05-2019	2	75%	$3.49	$320,644		Waste piping beyond expected useful life.
System: Electrical System (9)						***Totals:***	***$160,524***	***$2,641,100***	
6789	Lighting (B)	06-14-2017	06-26-2023	5	15%	$7.28	$133,770		Upgrade lighting to LED throughout (in progress)
6805	Lighting (B)	06-14-2017	06-14-2017	2	2%	$7.28	$17,836		Replace obsolete T12 Lights w/LED
7572	Lighting (B)	06-05-2019	06-05-2019	5	1%	$7.28	$8,918		Replace exit emergency lights with energy efficient LED type.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: City College - MSU Billings
Building: TECHNOLOGY BUILDING
Building Type/ Age Class: Vocational School (20B)
Const. Date: 1979

Area Correction: 0.94
Gross Area: 122,500 Sq Ft
Cost/Sq Ft: $226.18
Replacement Cost: $27,708,275

Last Audit Date: 6/26/2023
Report Renewal Cost: $30,049
Deficiency Ratio: 0.1%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)						***Totals:***	***$18,326***	***$847,700***	
10529	Structure (A)	06-23-2023	06-23-2023	7	10%	$1.36	$16,660		Replace roof drain system - larger size needed to accommodate past building expansion
10539	Structure (A)	06-26-2023	06-26-2023	7	1%	$1.36	$1,666		Add staircase to the roof, currently accessed by ladder
System: Finishes (5)						***Totals:***	***$11,723***	***$4,767,700***	
7585	Interior Wall Systems (A)	06-05-2019	06-05-2019	7	1%	$9.57	$11,723		Add corner guards to exposed sheet rock walls.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: Great Falls College MSU
Building: CHILD CARE CENTER
Building Type/ Age Class: Day Care Center (24C)
Const. Date: 2012

Area Correction: 1.44
Gross Area: 6,505 Sq Ft
Cost/Sq Ft: $334.58
Replacement Cost: $2,176,508

Last Audit Date: 6/23/2023
Report Renewal Cost: $88,323
Deficiency Ratio: 4.1%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$3,968***	***$432,517***	
10502	Exterior Doors/Hatches (C)	06-23-2023	06-23-2023	2	5%	$12.20	$3,968		Replace doors leading to play grounds (latching failures)
System: Roof System (4)						***Totals:***	***$4,957***	***$111,105***	
7721	Covering (B)	06-12-2019	06-23-2023	2	10%	$7.62	$4,957		Ecologically freiendly plastic roofting, 50 years EUL. Add insulation.
System: Finishes (5)						***Totals:***	***$483***	***$315,232***	
7716	Floor Finishes (D)	06-12-2019	03-15-2021	2	1%	$7.43	$483		Repair/replace flooring as needed (Repaired 7/20). Repair/replace ceiling as needed.
System: Specialties (6)						***Totals:***	***$7,754***	***$91,721***	
10503	Chalk/Tack/Whiteboards/Cabinets (	06-23-2023	06-23-2023	2	10%	$11.92	$7,754		Replace laminate counters in all classrooms
System: HVAC System (7)						***Totals:***	***$23,060***	***$436,681***	
8419	Heating (A)	02-24-2021	03-15-2021	2	10%	$29.86	$19,424		2 Lochinvar Knight boilers EUL (Installed 2012) with a 30 year lifespan.
8421	Ventilating (B)	02-24-2021	02-24-2021	2	10%	$5.59	$3,636		1 Aaon ERU EUL (Installed 2012) with a 25 year lifespan.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: Great Falls College MSU
Building: CHILD CARE CENTER
Building Type/ Age Class: Day Care Center (24C)
Const. Date: 2012

Area Correction: 1.44
Gross Area: 6,505 Sq Ft
Cost/Sq Ft: $334.58
Replacement Cost: $2,176,508

Last Audit Date: 6/23/2023
Report Renewal Cost: $88,323
Deficiency Ratio: 4.1%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$46,260***	***$320,762***	
6554	Fixtures (A)	06-06-2017	06-06-2017	5	40%	$11.54	$30,027		Upgrade to low-flow showerheads/faucets when applicable
7719	Supply Piping (B)	06-12-2019	06-12-2019	2	5%	$25.65	$8,343		Supply piping EUL.
7720	Waste Piping (C)	06-12-2019	06-12-2019	2	5%	$12.13	$3,945		Waste piping EUL.
10504	Waste Piping (C)	06-23-2023	06-23-2023	2	5%	$12.13	$3,945		Replace grease trap
System: Electrical System (9)						***Totals:***	***$1,841***	***$154,299***	
8412	Building Service (A)	06-12-2019	06-23-2023	5	10%	$2.83	$1,841		Upgrade lighting to LED (35% complete 2023).

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: Great Falls College MSU | **Area Correction:** 1.21 | **Last Audit Date:** 6/23/2023

Building: DENTAL CENTER | **Gross Area:** 12,000 Sq Ft | **Report Renewal Cost:** $19,270

Building Type/ Age Class: Teaching/Research Labs (4C) | **Cost/Sq Ft:** $359.62 | **Deficiency Ratio:** 0.4%

Const. Date: 2021 | **Replacement Cost:** $4,315,440

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$5,136***	***$118,800***	
10511	Footings/Foundation Walls (A)	06-23-2023	06-23-2023	2	5%	$8.56	$5,136		Rusting of metal sill supporting bricks
System: Floor System (3)						***Totals:***	***$3,204***	***$248,400***	
10512	Floor Structure (A)	06-23-2023	06-23-2023	2	2%	$13.35	$3,204		Repair bubbling vinyl flooring in labs
System: Roof System (4)						***Totals:***	***$1,978***	***$201,960***	
10510	Covering (B)	06-23-2023	06-23-2023	2	2%	$8.24	$1,978		Rocks under roof membrane
System: Finishes (5)						***Totals:***	***$8,952***	***$846,480***	
10513	Ceilings (B)	06-23-2023	06-23-2023	2	5%	$14.92	$8,952		Leaks on main ceiling beams on North side

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: Great Falls College MSU | **Area Correction:** 0.93 | **Last Audit Date:** 6/23/2023

Building: GF COLLEGE MSU (ADDITION 2007) | **Gross Area:** 187,616 Sq Ft | **Report Renewal Cost:** $5,839,361

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $237.91 | **Deficiency Ratio:** 13.1%

Const. Date: 1976 | **Replacement Cost:** $44,637,599

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$115,403***	***$947,461***	
4484	Footings/Foundation Walls (A)	07-14-2011	06-25-2013	2	2%	$4.01	$15,047		Regrade along foundation wall as required.
10488	Footings/Foundation Walls (A)	06-23-2023	06-23-2023	2	5%	$4.01	$37,617		Monitor south wall cracking below windows (left of entrance)
10489	Footings/Foundation Walls (A)	06-23-2023	06-23-2023	2	5%	$4.01	$37,617		Monitor south side columns
6514	Exterior Steps/Retaining Walls (B)	06-06-2017	06-12-2019	2	8%	$1.03	$15,460		Exterior steps to loading dock cracks (west side)
8436	Exterior Steps/Retaining Walls (B)	02-24-2021	02-24-2021	2	5%	$1.03	$9,662		Monitor front entrance west side slab settling, front steps are heated.
System: Envelope (2)						***Totals:***	***$185,552***	***$3,711,044***	
5081	Exterior Walls (A)	06-25-2013	06-06-2017	2	5%	$5.32	$49,906		Miscellaneous caulking as required.
5823	Exterior Windows (B)	06-10-2015	06-10-2015	2	5%	$7.23	$67,823		Replace window thermal pane. (lost vacuum)
10490	Exterior Doors/Hatches (C)	06-23-2023	06-23-2023	2	5%	$1.14	$10,694		Replace loading dock doors
10491	Interior Columns/Beams (D)	06-23-2023	06-23-2023	2	5%	$6.09	$57,129		Repaint entrance/handrails
System: Roof System (4)						***Totals:***	***$204,783***	***$1,333,950***	
10493	Structure (A)	06-23-2023	06-23-2023	2	5%	$2.03	$19,043		Monitor parapet cracking across entire old section
7707	Covering (B)	06-12-2019	06-12-2019	2	20%	$3.30	$123,827		Metal SIPS panels on upper atrium (50 year EUL).
7708	Covering (B)	06-12-2019	06-23-2023	2	10%	$3.30	$61,913		Rubber membrane roof (50 year EUL).

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: Great Falls College MSU
Building: GF COLLEGE MSU (ADDITION 2007)
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1976

Area Correction: 0.93
Gross Area: 187,616 Sq Ft
Cost/Sq Ft: $237.91
Replacement Cost: $44,637,599

Last Audit Date: 6/23/2023
Report Renewal Cost: $5,839,361
Deficiency Ratio: 13.1%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$596,900***	***$8,877,989***	
10492	Interior Wall Systems (A)	06-23-2023	06-23-2023	2	2%	$12.97	$48,668		Moniotr drywall crack/settling by rommom 211/213
4493	Ceilings (B)	07-14-2011	06-25-2013	2	2%	$11.47	$43,039		Replace ceiling tiles as needed.
10496	Floor Finishes (D)	06-23-2023	06-23-2023	2	40%	$6.56	$492,304		Rerplace carpet (60% of facility)
5094	Wall Finishes (E)	06-25-2013	06-25-2013	2	1%	$6.87	$12,889		Repaint walls as required.
System: HVAC System (7)						***Totals:***	***$2,471,464***	***$6,335,792***	
7702	Heating (A)	06-12-2019	06-23-2023	4	10%	$16.89	$316,883		Improve heating in lobby (consider adding fans) EUL
7712	Heating (A)	06-12-2019	06-23-2023	2	15%	$16.89	$475,325		Replace boilers in B wing EUL, room B131 (Installed in 1997 - Patterson Kelly).
8431	Heating (A)	02-24-2021	06-23-2023	2	15%	$16.89	$475,325		5 Laars Rheos Boilers EUL (Installed 2007).
8432	Heating (A)	02-24-2021	06-23-2023	2	10%	$16.89	$316,883		11 Trane/McQuay Air Handler Units (AHU) EUL (Installed 2007).
8433	Cooling (C)	02-24-2021	06-23-2023	2	10%	$11.82	$221,762		2 Daikin McQuay 180 ton Chillers EUL (Installed 2007 (90k/unit uninstalled). No compressors replaced on chillers yet.
8435	Cooling (C)	02-24-2021	06-23-2023	2	10%	$11.82	$221,762		1 Trane Chiller EUL (Installed 1997). This is the emergency back up chiller. No compressors replaced on chillers yet.
8437	Cooling (C)	02-24-2021	06-23-2023	2	10%	$11.82	$221,762		11 Trane/McQuay AHU installed EUL (Installed 2007(25 year lifespan))
8438	Cooling (C)	02-24-2021	06-23-2023	2	10%	$11.82	$221,762		Cooling tower EUL (15 years).

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: Great Falls College MSU | **Area Correction:** 0.93 | **Last Audit Date:** 6/23/2023

Building: GF COLLEGE MSU (ADDITION 2007) | **Gross Area:** 187,616 Sq Ft | **Report Renewal Cost:** $5,839,361

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $237.91 | **Deficiency Ratio:** 13.1%

Const. Date: 1976 | **Replacement Cost:** $44,637,599

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$1,325,733***	***$6,686,634***	
1098	Fixtures (A)	05-15-2003	06-23-2023	3	8%	$8.62	$129,380		Provide combustion air, move natural draft cas water heaters out of air handling rooms.
8417	Fixtures (A)	03-15-2021	06-23-2023	2	10%	$8.62	$161,725		Upgrade fixtures (25 qty) to low flow
2003	Supply Piping (B)	04-26-2005	06-23-2023	2	8%	$18.27	$274,220		Replace hot water crculation lines EUL
7709	Supply Piping (B)	06-12-2019	06-23-2023	2	15%	$18.27	$514,162		Supply piping EUL
7710	Waste Piping (C)	06-12-2019	06-23-2023	2	15%	$8.75	$246,246		Waste piping EUL.
System: Electrical System (9)						***Totals:***	***$451,724***	***$6,204,461***	
7703	Building Service (A)	06-12-2019	06-12-2019	5	5%	$6.25	$58,630		Lighting control upgrade (make sure to have sensors for daylight in lobby).
6515	Lighting (B)	06-06-2017	06-06-2017	5	2%	$8.73	$32,758		Install occupancy sensors.
10494	Lighting (B)	06-23-2023	06-23-2023	2	10%	$8.73	$163,789		Replace lobby lighting w/LED
10498	Lighting (B)	06-23-2023	06-23-2023	5	12%	$8.73	$196,547		Replace T-8F and T5 w/LED and disconnect ballast
System: Safety System (11)						***Totals:***	***$487,802***	***$2,418,370***	
10500	Extinguishing System (B)	06-23-2023	06-23-2023	1	50%	$5.20	$487,802		Fire suppression inadequate for 1/2 of facility. (can't upgrade or capacity changes)

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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- ☑ 7

Site: Great Falls College MSU | **Area Correction:** 0.93 | **Last Audit Date:** 6/12/2019

Building: GF COLLEGE MSU (ADDITION 2007) | **Gross Area:** 187,616 Sq Ft | **Report Renewal Cost:** $498,402

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $237.91 | **Deficiency Ratio:** 1.1%

Const. Date: 1976 | **Replacement Cost:** $44,637,599

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$486,676***	***$8,877,989***	
7711	Interior Wall Systems (A)	06-12-2019	06-12-2019	7	20%	$12.97	$486,676		Replace whiteboard paint with 3m post-it whiteboard.
System: Electrical System (9)						***Totals:***	***$11,726***	***$6,204,461***	
7706	Building Service (A)	06-12-2019	06-12-2019	7	1%	$6.25	$11,726		Add power fail monitor to coolers in cafeteria.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: Great Falls College MSU
Building: TRADES BUILDING
Building Type/ Age Class: Vocational Shops (6C)
Const. Date: 2008

Area Correction: 1.21
Gross Area: 12,393 Sq Ft
Cost/Sq Ft: $220.93
Replacement Cost: $2,738,109

Last Audit Date: 6/23/2023
Report Renewal Cost: $42,713
Deficiency Ratio: 1.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)					***Totals:***		***$8,774***	***$371,046***	
5832	Exterior Walls (A)	06-10-2015	06-10-2015	2	5%	$14.16	$8,774		South exterior wall - investigate movement of wall slab on grade.
System: Roof System (4)					***Totals:***		***$7,709***	***$216,878***	
10507	Structure (A)	06-23-2023	06-23-2023	2	5%	$3.03	$1,878		Repair south entrance soffit repair
7730	Covering (B)	06-12-2019	06-12-2019	2	5%	$9.41	$5,831		Rubber membrane roof covering EUL - patched in 2018. Add insulation replacements concurrent to roof covering.
System: Finishes (5)					***Totals:***		***$5,794***	***$258,642***	
10508	Ceilings (B)	06-23-2023	06-23-2023	2	2%	$0.87	$216		Replace ceiling tiles as needed
7725	Wall Finishes (E)	06-12-2019	06-12-2019	2	5%	$6.43	$3,984		Prep and paint wall finishes as needed.
10506	Wall Finishes (E)	06-23-2023	06-23-2023	2	2%	$6.43	$1,594		drywall cracking at offices
System: HVAC System (7)					***Totals:***		***$13,521***	***$270,415***	
8440	Heating (A)	02-24-2021	02-24-2021	2	10%	$10.91	$13,521		1 Carrier rooftop ERU EUL (Installed 2007) with a 25 year lifespan.
System: Plumbing System (8)					***Totals:***		***$6,786***	***$162,596***	
7729	Supply Piping (B)	06-12-2019	06-12-2019	2	5%	$4.10	$2,541		Supply piping EUL.
7727	Waste Piping (C)	06-12-2019	06-12-2019	2	5%	$6.85	$4,245		Waste piping EUL

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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Site:	**Great Falls College MSU**	**Area Correction:**	**1.21**	**Last Audit Date:**	**6/23/2023**
Building:	**TRADES BUILDING**	**Gross Area:**	**12,393 Sq Ft**	**Report Renewal Cost:**	**$42,713**
Building Type/ Age Class:	**Vocational Shops (6C)**	**Cost/Sq Ft:**	**$220.93**	**Deficiency Ratio:**	**1.6%**
Const. Date:	**2008**	**Replacement Cost:**	**$2,738,109**		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)					***Totals:***		***$129***	***$229,394***	
7724	Building Service (A)	06-12-2019	03-15-2021	5	1%	$1.04	$129		Upgrade lighting to LED in bathrooms and room T314 (Complted 8/20).

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Northern
Building: Auto Technology (Farm Mech)
Building Type/ Age Class: Vocational Shops (6C)
Const. Date: 1984

Area Correction: 1.21
Gross Area: 11,968 Sq Ft
Cost/Sq Ft: $220.93
Replacement Cost: $2,644,090

Last Audit Date: 6/14/2023
Report Renewal Cost: $261,207
Deficiency Ratio: 9.9%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)						***Totals:***	***$74,441***	***$209,440***	
6638	Structure (A)	06-07-2017	06-13-2023	2	50%	$3.03	$18,132		Sheathing buckling investigation in process - summer 17'
4019	Covering (B)	07-14-2009	06-14-2023	2	50%	$9.41	$56,309		replace covering
System: Finishes (5)						***Totals:***	***$38,477***	***$249,772***	
7853	Wall Finishes (E)	06-13-2019	06-13-2019	2	50%	$6.43	$38,477		Repaint interior wall finishes as needed.
System: HVAC System (7)						***Totals:***	***$26,114***	***$261,142***	
3192	Heating (A)	05-24-2007	06-11-2015	2	20%	$10.91	$26,114		Replace remaining ignitors & shields for radiant heaters. Update 60k btu
System: Plumbing System (8)						***Totals:***	***$20,495***	***$157,020***	
8452	Waste Piping (C)	09-19-2001	06-14-2023	3	25%	$6.85	$20,495		Upgrade oil/water separator on drainage system in front of restroom.
System: Electrical System (9)						***Totals:***	***$9,407***	***$221,528***	
7849	Lighting (B)	06-13-2019	03-16-2021	5	10%	$7.86	$9,407		Upgrade lighting to LED when applicable.
System: Safety System (11)						***Totals:***	***$92,273***	***$260,543***	
765	Exit/Emergency Lighting/Alarms (C	09-19-2001	06-11-2015	2	100%	$7.71	$92,273		Replace/upgrade fire alarm and detection system.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Northern
Area Correction: 1.21
Last Audit Date: 9/19/2001

Building: Auto Technology (Farm Mech)
Gross Area: 11,968 Sq Ft
Report Renewal Cost: $120,159

Building Type/ Age Class: Vocational Shops (6C)
Cost/Sq Ft: $220.93
Deficiency Ratio: 4.5%

Const. Date: 1984
Replacement Cost: $2,644,090

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						*Totals:*	*$120,159*	*$260,543*	
764	Extinguishing System (B)	09-19-2001	09-19-2001	7	100%	$10.04	$120,159		Install fire suppression system.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern
Building: ELECTRONICS BUILDING
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1968

Area Correction: 1.21
Gross Area: 14,577 Sq Ft
Cost/Sq Ft: $309.54
Replacement Cost: $4,512,310

Last Audit Date: 6/14/2023
Report Renewal Cost: $1,521,867
Deficiency Ratio: 33.7%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$15,218***	***$95,625***	
6544	Footings/Foundation Walls (A)	06-07-2017	06-07-2017	2	20%	$5.22	$15,218		Repair and mitigate grought H2O in tunnel - S&SW sides
System: Envelope (2)						***Totals:***	***$153,627***	***$375,212***	
3183	Exterior Walls (A)	05-24-2007	06-13-2023	2	10%	$6.92	$10,087		Clean & seal masonry stack.
1730	Exterior Windows (B)	04-26-2005	06-13-2019	2	100%	$9.40	$137,024		Replace exterior windows and window hardware.
10454	Exterior Doors/Hatches (C)	06-14-2023	06-14-2023	2	30%	$1.49	$6,516		replace door frames and doors - north entry
System: Finishes (5)						***Totals:***	***$126,266***	***$897,360***	
5163	Ceilings (B)	06-26-2013	06-07-2017	2	10%	$14.92	$21,749		Repaint ceilings as necessary.
3177	Interior Doors/Hardware/Windows (	05-15-2003	06-14-2023	3	20%	$12.29	$35,830		Replace doors (Previously: Replace doors due to code compliance.)
840	Floor Finishes (D)	09-19-2001	06-14-2023	2	30%	$8.53	$37,303		Replace carpet and VCT.
7855	Floor Finishes (D)	06-13-2019	06-14-2023	2	20%	$8.53	$24,868		Repair ceramic tile (1st floor west end)
6546	Wall Finishes (E)	06-07-2017	06-07-2017	2	5%	$8.94	$6,516		Repaint walls as necessary.
System: Specialties (6)						***Totals:***	***$38,192***	***$257,867***	
3173	Toilet Partitions (A)	05-24-2007	05-24-2007	2	100%	$2.62	$38,192		REPLACE PARTITIONS.
System: HVAC System (7)						***Totals:***	***$416,319***	***$640,513***	
841	Heating (A)	05-15-2003	06-13-2019	2	100%	$21.97	$320,257		Replace unit ventilators to provide heat.
5035	Ventilating (B)	06-26-2013	06-13-2019	2	100%	$6.59	$96,062		Replace unit ventilators to provide ventilation.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Northern
Building: ELECTRONICS BUILDING
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1968

Area Correction: 1.21
Gross Area: 14,577 Sq Ft
Cost/Sq Ft: $309.54
Replacement Cost: $4,512,310

Last Audit Date: 6/14/2023
Report Renewal Cost: $1,521,867
Deficiency Ratio: 33.7%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$302,138***	***$675,935***	
8448	Fixtures (A)	06-07-2017	06-14-2023	2	40%	$11.21	$65,363		Upgrade worn-out fixtures to low-flow faucets/showerheads when applicable.
7856	Supply Piping (B)	06-13-2019	06-14-2023	2	30%	$23.77	$103,949		Supply piping expected useful life.
7857	Waste Piping (C)	06-13-2019	06-13-2019	2	80%	$11.39	$132,826		Waste piping expected useful life.
System: Electrical System (9)						***Totals:***	***$301,685***	***$627,248***	
6541	Lighting (B)	06-07-2017	06-14-2023	5	10%	$11.36	$16,559		Install occupancy sensors throughout.
6542	Lighting (B)	06-07-2017	06-13-2019	5	50%	$11.36	$82,797		Update lighting to LED when applicable.
7858	Distribution (C)	06-13-2019	06-13-2019	2	100%	$13.88	$202,329		Replace switch gear (EUL - functions)
System: Safety System (11)						***Totals:***	***$168,422***	***$244,602***	
844	Extinguishing System (B)	09-19-2001	09-19-2001	3	100%	$6.77	$98,686		Install fire suppression system.
8450	Exit/Emergency Lighting/Alarms (C	06-07-2017	03-15-2021	2	80%	$5.98	$69,736		Upgrade/replace exit/emergency lighting/alarms.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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- ☐ *4*
- ☐ *5*
- ☐ *6*
- ☑ *7*

Site: MSU-Northern | **Area Correction:** 1.21 | **Last Audit Date:** 6/15/2023

Building: ELECTRONICS BUILDING | **Gross Area:** 14,577 Sq Ft | **Report Renewal Cost:** $5,189

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $309.54 | **Deficiency Ratio:** 0.1%

Const. Date: 1968 | **Replacement Cost:** $4,512,310

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						*Totals:*	*$5,189*	*$257,867*	
5031	Signage/Directories (B)	05-24-2007	06-15-2023	7	40%	$0.89	$5,189		Install directional signage and directory

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern
Building: MACKENZIE HALL
Building Type/ Age Class: Residence Halls (10B)
Const. Date: 1971

Area Correction: 1.04
Gross Area: 43,220 Sq Ft
Cost/Sq Ft: $280.94
Replacement Cost: $12,142,227

Last Audit Date: 6/14/2023
Report Renewal Cost: $4,130,936
Deficiency Ratio: 34.0%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$339,320***	***$973,314***	
6836	Exterior Walls (A)	06-07-2017	06-14-2023	2	20%	$11.28	$97,504		2 Fissures repair (exterior retaining wall)
6837	Exterior Windows (B)	06-07-2017	06-07-2017	2	100%	$5.44	$235,117		Replace windows
7812	Exterior Doors/Hatches (C)	06-13-2019	03-16-2021	2	25%	$0.62	$6,699		Replace doors.
System: Floor System (3)						***Totals:***	***$20,607***	***$2,349,007***	
7821	Floor Structure (A)	06-13-2019	06-13-2019	2	1%	$47.68	$20,607		Monitor cracks under floor covering (outside kitchen area).
System: Roof System (4)						***Totals:***	***$68,720***	***$143,490***	
7814	Covering (B)	06-13-2019	06-13-2019	2	100%	$1.03	$44,517		Replace roof covering - past expected useful life.
6840	Insulation (C)	06-07-2017	06-13-2019	2	100%	$0.56	$24,203		Replace roof insulation - past expected useful life
System: Finishes (5)						***Totals:***	***$957,799***	***$2,551,277***	
7815	Interior Wall Systems (A)	06-13-2019	06-14-2023	2	15%	$21.77	$141,135		Painting.
6915	Ceilings (B)	06-07-2017	06-13-2019	2	10%	$2.10	$9,076		Paint as needed.
7816	Interior Doors/Hardware/Windows (	06-13-2019	06-14-2023	2	100%	$12.48	$539,386		Replace fire doors.
8469	Floor Finishes (D)	06-07-2017	06-14-2023	2	25%	$11.97	$129,336		Replace carpet and VCT as needed in rooms
6917	Wall Finishes (E)	06-07-2017	06-13-2019	2	30%	$10.71	$138,866		Repaint walls as needed.
System: HVAC System (7)						***Totals:***	***$438,683***	***$1,077,907***	
6848	Heating (A)	06-07-2017	06-13-2019	2	100%	$7.54	$325,879		Replace boiler.
6918	Ventilating (B)	06-07-2017	06-13-2019	2	100%	$2.61	$112,804		Replace AHU and dryer exhaust.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Northern | **Area Correction:** 1.04 | **Last Audit Date:** 6/14/2023

Building: MACKENZIE HALL | **Gross Area:** 43,220 Sq Ft | **Report Renewal Cost:** $4,130,936

Building Type/ Age Class: Residence Halls (10B) | **Cost/Sq Ft:** $280.94 | **Deficiency Ratio:** 34.0%

Const. Date: 1971 | **Replacement Cost:** $12,142,227

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)							***Totals: $1,503,018***	***$1,926,748***	
6844	Fixtures (A)	06-07-2017	06-14-2023	5	50%	$9.20	$198,812		Upgrade to low-flow faucets/showerheads as needed
6849	Fixtures (A)	06-07-2017	06-13-2019	2	50%	$9.20	$198,812		Replace fixtures
6850	Supply Piping (B)	06-07-2017	06-14-2023	2	60%	$24.51	$635,593		Replace supply piping
7820	Waste Piping (C)	06-13-2019	06-13-2019	2	100%	$10.87	$469,801		Replace waste piping.
System: Electrical System (9)							***Totals: $404,301***	***$1,090,441***	
6843	Lighting (B)	06-07-2017	06-14-2023	5	50%	$7.23	$156,240		Upgrade lighting to LED throughout and install occupancy sensors in computer lab and restrooms.
6851	Distribution (C)	06-07-2017	06-14-2023	2	65%	$8.83	$248,061		Replace distribution panels
System: Safety System (11)							***Totals: $398,488***	***$548,030***	
6911	Extinguishing System (B)	06-07-2017	06-07-2017	3	100%	$5.35	$231,227		Install sprinklers
6912	Exit/Emergency Lighting/Alarms (C	06-07-2017	06-07-2017	3	100%	$3.87	$167,261		Install Alarms ($376,000 estimate)

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Northern | **Area Correction:** 1.04 | **Last Audit Date:** 6/7/2017

Building: MACKENZIE HALL | **Gross Area:** 43,220 Sq Ft | **Report Renewal Cost:** $8,320

Building Type/ Age Class: Residence Halls (10B) | **Cost/Sq Ft:** $280.94 | **Deficiency Ratio:** 0.1%

Const. Date: 1971 | **Replacement Cost:** $12,142,227

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$8,320***	***$348,785***	
6846	Signage/Directories (B)	06-07-2017	06-07-2017	7	25%	$0.77	$8,320		Install signage directories.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern
Building: METALS TECHNOLOGY
Building Type/ Age Class: Vocational Shops (6A)
Const. Date: 1945

Area Correction: 1.21
Gross Area: 11,211 Sq Ft
Cost/Sq Ft: $219.22
Replacement Cost: $2,457,675

Last Audit Date: 6/14/2023
Report Renewal Cost: $603,437
Deficiency Ratio: 24.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$27,299***	***$346,980***	
768	Exterior Windows (B)	09-19-2001	09-19-2001	5	100%	$2.00	$22,422		Replace window units.
8471	Exterior Doors/Hatches (C)	06-07-2017	03-16-2021	2	10%	$4.35	$4,877		Replace exterior mandoors (1 already replaced)
System: Floor System (3)						***Totals:***	***$143,697***	***$273,885***	
5818	Floor Structure (A)	06-11-2015	06-13-2019	2	75%	$17.09	$143,697		Repair slab in welding lab.
System: Roof System (4)						***Totals:***	***$178,143***	***$212,000***	
4022	Covering (B)	07-14-2009	03-16-2021	2	100%	$10.82	$121,303		Replace roof membrane.
4076	Insulation (C)	07-14-2009	06-13-2019	5	100%	$5.07	$56,840		Add insulation.
System: Finishes (5)						***Totals:***	***$84,228***	***$256,396***	
6595	Interior Wall Systems (A)	06-07-2017	06-07-2017	2	50%	$10.91	$61,156		Replace interior doors & hardware
7803	Ceilings (B)	06-13-2019	03-16-2021	2	30%	$0.96	$3,229		Paint ceiling as required.
6596	Wall Finishes (E)	06-07-2017	03-16-2021	2	25%	$7.08	$19,843		Repaint walls
System: Plumbing System (8)						***Totals:***	***$89,744***	***$128,702***	
8473	Supply Piping (B)	06-13-2019	06-14-2023	2	50%	$3.69	$20,684		Replace supply piping (EUL.
6598	Waste Piping (C)	06-07-2017	06-13-2019	2	100%	$6.16	$69,060		Replace waste piping in West shop.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern | **Area Correction:** 1.21 | **Last Audit Date:** 6/14/2023

Building: METALS TECHNOLOGY | **Gross Area:** 11,211 Sq Ft | **Report Renewal Cost:** $603,437

Building Type/ Age Class: Vocational Shops (6A) | **Cost/Sq Ft:** $219.22 | **Deficiency Ratio:** 24.6%

Const. Date: 1945 | **Replacement Cost:** $2,457,675

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$63,039***	***$168,389***	
5092	Building Service (A)	06-26-2013	06-14-2023	2	50%	$1.04	$5,830		Replace obsolete panels. Additional capacity needed.
6589	Lighting (B)	06-07-2017	06-14-2023	5	20%	$6.29	$14,103		Upgrade lighting to LED and install occupancy sensors throughout.
10444	Distribution (C)	06-14-2023	06-14-2023	2	50%	$7.69	$43,106		Relocate and replace branch panel by MDP to provide proper access
System: Safety System (11)						***Totals:***	***$17,287***	***$244,063***	
778	Exit/Emergency Lighting/Alarms (C	09-19-2001	06-14-2023	3	20%	$7.71	$17,287		INSTALL EMERGENCY LIGHTING.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Northern
Building: METALS TECHNOLOGY
Building Type/ Age Class: Vocational Shops (6A)
Const. Date: 1945

Area Correction: 1.21
Gross Area: 11,211 Sq Ft
Cost/Sq Ft: $219.22
Replacement Cost: $2,457,675

Last Audit Date: 6/13/2023
Report Renewal Cost: $9,978
Deficiency Ratio: 0.4%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						*Totals:*	*$9,978*	*$50,674*	
5172	Signage/Directories (B)	05-24-2007	06-13-2023	7	100%	$0.89	$9,978		Install signage & directory

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Northern | **Area Correction:** 1.44 | **Last Audit Date:** 6/15/2023

Building: ADVANCED FUELS BUILDING | **Gross Area:** 3,434 Sq Ft | **Report Renewal Cost:** $9,868

Building Type/ Age Class: Vocational Shops (6C) | **Cost/Sq Ft:** $262.93 | **Deficiency Ratio:** 1.1%

Const. Date: 2013 | **Replacement Cost:** $902,936

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)						***Totals:***	***$3,846***	***$71,530***	
10465	Covering (B)	06-15-2023	06-15-2023	2	10%	$11.20	$3,846		Replace roof (installed 2013 - 20 year lifespan)
System: HVAC System (7)						***Totals:***	***$2,230***	***$89,181***	
10466	Heating (A)	06-15-2023	06-15-2023	2	5%	$12.99	$2,230		Update heating system
System: Electrical System (9)						***Totals:***	***$643***	***$75,651***	
10467	Lighting (B)	06-15-2023	06-15-2023	2	2%	$9.36	$643		Replace t5 lighting with LED as needed
System: Safety System (11)						***Totals:***	***$3,149***	***$88,975***	
4223	Exit/Emergency Lighting/Alarms (C	07-14-2009	06-26-2013	3	10%	$9.17	$3,149		Install emergency lighting.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Northern
Building: APPLIED TECHNOLOGY CENTER
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 2006

Area Correction: 1.21
Gross Area: 16,000 Sq Ft
Cost/Sq Ft: $359.62
Replacement Cost: $5,754,080

Last Audit Date: 6/15/2023
Report Renewal Cost: $331,098
Deficiency Ratio: 5.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)						***Totals:***	***$15,821***	***$269,280***	
6575	Covering (B)	06-07-2017	06-15-2023	2	12%	$8.24	$15,821		Repair blistering roof membraine. Mod Bit roof system installed in 2005.
System: Finishes (5)						***Totals:***	***$16,819***	***$1,128,640***	
6574	Wall Finishes (E)	06-07-2017	06-15-2023	2	8%	$13.14	$16,819		Interior walls - paint as needed.
System: HVAC System (7)						***Totals:***	***$136,632***	***$771,040***	
6578	Heating (A)	06-07-2017	06-15-2023	2	15%	$21.97	$52,728		Commission HVAC controls
5810	Ventilating (B)	06-11-2015	06-11-2015	5	20%	$19.63	$62,816		Separate engine exhaust from exchanger.
6580	Cooling (C)	06-07-2017	06-15-2023	2	20%	$6.59	$21,088		Commission HVAC controls
System: Plumbing System (8)						***Totals:***	***$156,322***	***$1,280,160***	
10460	Fixtures (A)	06-15-2023	06-15-2023	2	30%	$17.28	$82,944		Upgrade to low-flow faucets/showerheads as needed
7879	Supply Piping (B)	06-13-2019	06-15-2023	2	7%	$43.15	$48,328		Supply piping expected useful life.
7880	Waste Piping (C)	06-13-2019	06-15-2023	2	8%	$19.57	$25,050		Waste piping expected useful life.
System: Electrical System (9)						***Totals:***	***$5,504***	***$519,360***	
7878	Building Service (A)	06-13-2019	06-13-2019	3	10%	$3.44	$5,504		Upgrade lighting with LED when applicable.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern
Building: BROCKMANN CENTER
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1970

Area Correction: 0.98
Gross Area: 53,195 Sq Ft
Cost/Sq Ft: $250.70
Replacement Cost: $13,336,518

Last Audit Date: 6/15/2023
Report Renewal Cost: $2,451,146
Deficiency Ratio: 18.4%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$221,823***	***$1,109,116***	
4498	Exterior Windows (B)	07-13-2011	07-13-2011	2	50%	$7.62	$202,673		Replace windows.
4052	Exterior Doors/Hatches (C)	07-14-2009	06-26-2013	2	30%	$1.20	$19,150		Replace entry doors at W & S sides.
System: Floor System (3)						***Totals:***	***$9,495***	***$1,359,132***	
5812	Stair Treads/Risers (B)	06-11-2015	06-11-2015	2	3%	$5.95	$9,495		Repair ceramic tiles in stairwell.
System: Finishes (5)						***Totals:***	***$267,395***	***$2,652,303***	
7875	Ceilings (B)	06-13-2019	06-13-2019	2	5%	$12.09	$32,156		Replace acoustic ceilign tiles as necessary.
8442	Ceilings (B)	06-13-2019	06-13-2019	2	8%	$12.09	$51,450		Replace/repair worn-out door cylinders and hardware.
6569	Floor Finishes (D)	06-07-2017	06-13-2019	2	50%	$6.91	$183,789		Replace VCT/carpet as needed
System: HVAC System (7)						***Totals:***	***$454,498***	***$1,893,210***	
5143	Heating (A)	06-26-2013	06-13-2019	2	15%	$17.80	$142,031		Recommission controls system.
5144	Heating (A)	06-26-2013	06-07-2017	2	15%	$17.80	$142,031		Recommission CAV/VAV Boxes.
5145	Ventilating (B)	06-26-2013	03-15-2021	2	20%	$5.34	$56,812		Replace obsolete dust collector in carpenter shop (Has been removed).
6026	Ventilating (B)	06-11-2015	06-11-2015	2	5%	$5.34	$14,203		Recommission controls.
5146	Cooling (C)	06-26-2013	06-13-2019	2	10%	$12.46	$66,281		Replace chilled water pumps and actuator valves.
6027	Cooling (C)	06-11-2015	06-11-2015	2	5%	$12.46	$33,140		Recommission controls.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern | **Area Correction:** 0.98 | **Last Audit Date:** 6/15/2023

Building: BROCKMANN CENTER | **Gross Area:** 53,195 Sq Ft | **Report Renewal Cost:** $2,451,146

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $250.70 | **Deficiency Ratio:** 18.4%

Const. Date: 1970 | **Replacement Cost:** $13,336,518

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$776,249***	***$1,997,472***	
6567	Fixtures (A)	06-07-2017	06-15-2023	5	45%	$9.08	$217,355		Upgrade to low-flow faucets/showerheads when applicable
3143	Supply Piping (B)	05-24-2007	06-15-2023	2	45%	$19.25	$460,802		REPLACE GALVANIZED COLD H2O LINE.
6564	Waste Piping (C)	06-07-2017	06-07-2017	2	20%	$9.22	$98,092		Replace 2nd floor restroom waste piping
System: Electrical System (9)						***Totals:***	***$182,140***	***$1,853,846***	
6565	Lighting (B)	06-07-2017	06-07-2017	5	5%	$9.20	$24,470		Install occupancy sensors throughout (poor bonding).
6566	Lighting (B)	06-07-2017	06-07-2017	5	20%	$9.20	$97,879		t-8 lamps and fixtures installed in 1996--repalce w/LED when applicable
6571	Distribution (C)	06-07-2017	06-15-2023	2	10%	$11.24	$59,791		Replace remaining contractors as needed
System: Conveying (10)						***Totals:***	***$305,339***	***$305,339***	
5149	Elevator/Lift (A)	06-26-2013	06-26-2013	2	100%	$5.74	$305,339		Upgrade/replace elevator (and hydro cylinder assembly)
System: Safety System (11)						***Totals:***	***$234,207***	***$722,920***	
8507	Extinguishing System (B)	03-04-2020	06-15-2023	2	30%	$5.48	$87,453		Replace piping in Fire Suppression System (leaking at fittings)
1119	Exit/Emergency Lighting/Alarms (C	05-15-2003	06-26-2013	3	50%	$4.84	$128,732		Expand fire detection system.
5151	Exit/Emergency Lighting/Alarms (C	12-29-1994	06-26-2013	3	5%	$4.84	$12,873		Install emergency lighting.
7873	Exit/Emergency Lighting/Alarms (C	06-13-2019	06-13-2019	3	2%	$4.84	$5,149		Install exit lighting.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern
Building: COWAN HALL
Building Type/ Age Class: General Classroom/Office (3A)
Const. Date: 1949

Area Correction: 0.98
Gross Area: 67,801 Sq Ft
Cost/Sq Ft: $237.12
Replacement Cost: $16,077,651

Last Audit Date: 6/15/2023
Report Renewal Cost: $3,158,321
Deficiency Ratio: 19.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$172,825***	***$433,926***	
798	Footings/Foundation Walls (A)	09-17-2001	06-26-2013	2	50%	$4.23	$143,399		Provide exterior drainage system and waterproofing.
3147	Exterior Steps/Retaining Walls (B)	05-24-2007	06-15-2023	2	20%	$2.17	$29,426		repair deteriorated south entry steps
System: Envelope (2)						***Totals:***	***$294,730***	***$1,401,447***	
800	Exterior Walls (A)	09-17-2001	06-15-2023	2	20%	$5.61	$76,073		Repoint brick work (parapet cracking)
801	Exterior Walls (A)	09-17-2001	05-24-2007	2	5%	$5.61	$19,018		Replace water-damaged brick, North entry East wall.
1706	Exterior Walls (A)	04-26-2005	06-15-2023	2	40%	$5.61	$152,145		Repair miscellaneous terra cotta.
5804	Exterior Walls (A)	06-11-2015	06-06-2017	2	5%	$5.61	$19,018		Repoint terra cotta coping joints.
4032	Exterior Doors/Hatches (C)	07-14-2009	06-15-2023	2	35%	$1.20	$28,476		Replace North entry, including doors & frame.
System: Floor System (3)						***Totals:***	***$20,171***	***$1,732,316***	
8444	Stair Treads/Risers (B)	06-13-2010	06-13-2010	2	5%	$5.95	$20,171		Rebuild wood handrails (all south rails) safety concern. Most rebuilt in 2019.
System: Roof System (4)						***Totals:***	***$397,992***	***$543,086***	
5053	Covering (B)	06-26-2013	06-06-2017	2	100%	$4.00	$271,204		Recoat roof membrane. Beyond EUL (2nd priority).
805	Insulation (C)	09-17-2001	03-15-2021	2	100%	$1.87	$126,788		REPLACE INSULATION.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern
Building: COWAN HALL
Building Type/ Age Class: General Classroom/Office (3A)
Const. Date: 1949

Area Correction: 0.98
Gross Area: 67,801 Sq Ft
Cost/Sq Ft: $237.12
Replacement Cost: $16,077,651

Last Audit Date: 6/15/2023
Report Renewal Cost: $3,158,321
Deficiency Ratio: 19.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$224,232***	***$3,651,084***	
4034	Interior Doors/Hardware/Windows (	07-14-2009	06-15-2023	2	8%	$9.95	$53,970		Replace interior door hardware as needed.
4035	Interior Doors/Hardware/Windows (	07-14-2009	06-15-2023	2	8%	$9.95	$53,970		Refinish interior doors as needed.
1103	Floor Finishes (D)	05-15-2003	06-15-2023	2	5%	$7.60	$25,764		Repair/refinish terrazzo floors as needed (cracks on 2nd floor)
7869	Floor Finishes (D)	06-13-2019	06-13-2019	2	5%	$7.60	$25,764		Upgrade carpet/VCT as needed.
4036	Wall Finishes (E)	07-14-2009	06-15-2023	2	7%	$7.96	$37,779		Repair first floor exterior wall finishes compromised by damp foundation. (Drain system needs attention first)
7870	Wall Finishes (E)	06-13-2019	06-13-2019	2	5%	$7.96	$26,985		Repaint wall finishes as needed.
System: Specialties (6)						***Totals:***	***$39,867***	***$933,620***	
6524	Toilet Partitions (A)	06-06-2017	06-15-2023	2	35%	$1.68	$39,867		Replace all toilet partitions. (downstairs complete)
System: HVAC System (7)						***Totals:***	***$4,509***	***$1,659,090***	
5055	Ventilating (B)	06-26-2013	06-26-2013	5	5%	$1.33	$4,509		Insulate exterior ductwork on roof.
System: Plumbing System (8)						***Totals:***	***$826,461***	***$2,223,873***	
807	Fixtures (A)	09-17-2001	06-15-2023	2	5%	$7.17	$24,307		REPLACE WORN-OUT FAUCETS AND FITTINGS.
808	Fixtures (A)	12-28-1994	06-15-2023	2	5%	$7.17	$24,307		replace drinking fountains (2 remaining)
7867	Fixtures (A)	06-13-2019	06-15-2023	2	5%	$7.17	$24,307		Upgrade to low-flow showerheads when applicable.
809	Supply Piping (B)	12-29-1994	06-15-2023	2	45%	$17.32	$528,441		REPLACE WATER SUPPLY PIPING.
6526	Waste Piping (C)	06-06-2017	06-13-2019	2	40%	$8.30	$225,099		Replace cast iron and galvanized wate piping.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1
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Site: MSU-Northern
Building: COWAN HALL
Building Type/ Age Class: General Classroom/Office (3A)
Const. Date: 1949

Area Correction: 0.98
Gross Area: 67,801 Sq Ft
Cost/Sq Ft: $237.12
Replacement Cost: $16,077,651

Last Audit Date: 6/15/2023
Report Renewal Cost: $3,158,321
Deficiency Ratio: 19.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$723,946***	***$2,149,970***	
810	Lighting (B)	09-17-2001	06-13-2019	2	5%	$8.18	$27,731		Replace light fixtures in corridors.
6521	Lighting (B)	06-06-2017	06-06-2017	5	5%	$8.18	$27,731		Install occupancy sensors throughout.
8446	Lighting (B)	07-13-2011	07-13-2011	5	20%	$8.18	$110,922		Replace classroom lighting w/ LED.
10458	Lighting (B)	06-15-2023	06-15-2023	2	70%	$8.18	$388,229		Replace exterior lighting west, east, south sides
5058	Distribution (C)	06-26-2013	06-15-2023	2	25%	$9.99	$169,333		Upgrade panels on 2nd & 3rd floors.
System: Safety System (11)						***Totals:***	***$453,588***	***$921,416***	
3171	Extinguishing System (B)	09-17-2001	06-15-2023	3	100%	$5.48	$371,549		Install fire suppression system. (no supression currently)
3154	Exit/Emergency Lighting/Alarms (C	05-24-2007	06-15-2023	3	20%	$4.84	$65,631		upgrade all exist signs
6528	Exit/Emergency Lighting/Alarms (C	06-06-2017	06-15-2023	3	5%	$4.84	$16,408		Install emergency lights at exits (7 exists)

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern | **Area Correction:** 0.98 | **Last Audit Date:** 7/13/2011

Building: COWAN HALL | **Gross Area:** 67,801 Sq Ft | **Report Renewal Cost:** $4,882

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $237.12 | **Deficiency Ratio:** 0.0%

Const. Date: 1949 | **Replacement Cost:** $16,077,651

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)					*Totals:*		*$4,882*	*$933,620*	
4037	Signage/Directories (B)	07-14-2009	07-13-2011	7	10%	$0.72	$4,882		Improve directional and building signage, updated ADA signage

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern | **Area Correction:** 1.16 | **Last Audit Date:** 6/15/2023

Building: DIESEL TECHNOLOGY CENTER | **Gross Area:** 27,301 Sq Ft | **Report Renewal Cost:** $314,685

Building Type/ Age Class: Vocational Shops (6C) | **Cost/Sq Ft:** $211.80 | **Deficiency Ratio:** 5.4%

Const. Date: 2018 | **Replacement Cost:** $5,782,352

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$17,077***	***$783,812***	
10471	Exterior Doors/Hatches (C)	06-15-2023	06-15-2023	2	15%	$4.17	$17,077		Repair overhead door (1 damaged)
System: Floor System (3)						***Totals:***	***$8,944***	***$639,389***	
10479	Floor Structure (A)	06-15-2023	06-15-2023	2	2%	$16.38	$8,944		Monitor cracking on finished concrete floors
System: Roof System (4)						***Totals:***	***$24,626***	***$458,111***	
10469	Covering (B)	06-15-2023	06-15-2023	2	10%	$9.02	$24,626		Repair roof (installed 2018)
System: Finishes (5)						***Totals:***	***$13,830***	***$546,293***	
10472	Interior Wall Systems (A)	06-15-2023	06-15-2023	2	5%	$9.50	$12,968		Touch up wall paint
10481	Interior Doors/Hardware/Windows (	06-15-2023	06-15-2023	2	2%	$0.79	$431		Repair windows as needed
10482	Interior Doors/Hardware/Windows (	06-15-2023	06-15-2023	2	2%	$0.79	$431		Repair doors as needed
System: HVAC System (7)						***Totals:***	***$46,821***	***$571,137***	
10474	Heating (A)	06-15-2023	06-15-2023	2	5%	$10.46	$14,278		Investigate glycol leak
10475	Heating (A)	06-15-2023	06-15-2023	2	10%	$10.46	$28,557		repair fireplace as needed
10476	Ventilating (B)	06-15-2023	06-15-2023	2	10%	$1.46	$3,986		Repair ventilation system as needed
System: Plumbing System (8)						***Totals:***	***$179,095***	***$343,447***	
10470	Waste Piping (C)	06-15-2023	06-15-2023	2	100%	$6.56	$179,095		Replace grease interceptor

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site:	**MSU-Northern**	**Area Correction:**	**1.16**	**Last Audit Date:**	**6/15/2023**
Building:	**DIESEL TECHNOLOGY CENTER**	**Gross Area:**	**27,301 Sq Ft**	**Report Renewal Cost:**	**$314,685**
Building Type/ Age Class:	**Vocational Shops (6C)**	**Cost/Sq Ft:**	**$211.80**	**Deficiency Ratio:**	**5.4%**
Const. Date:	**2018**	**Replacement Cost:**	**$5,782,352**		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$4,117***	***$484,593***	
10477	Lighting (B)	06-15-2023	06-15-2023	2	2%	$7.54	$4,117		Upgrade lighting as needed
System: Safety System (11)						***Totals:***	***$20,175***	***$569,772***	
10480	Exit/Emergency Lighting/Alarms (C	06-15-2023	06-15-2023	3	10%	$7.39	$20,175		Investigate fire alarm malfunction (possible ground fault)

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern | **Area Correction:** 1.16 | **Last Audit Date:** 6/15/2023

Building: DIESEL TECHNOLOGY CENTER | **Gross Area:** 27,301 Sq Ft | **Report Renewal Cost:** $3,986

Building Type/ Age Class: Vocational Shops (6C) | **Cost/Sq Ft:** $211.80 | **Deficiency Ratio:** 0.1%

Const. Date: 2018 | **Replacement Cost:** $5,782,352

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)					*Totals:*		*$3,986*	*$571,137*	
10478	Ventilating (B)	06-15-2023	06-15-2023	7	10%	$1.46	$3,986		Install engine exhaust ventilation (rm 104)

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Northern | **Area Correction:** 1.08 | **Last Audit Date:** 6/15/2023

Building: DONALDSON HALL - OFFLINE 2010 | **Gross Area:** 32,745 Sq Ft | **Report Renewal Cost:** $4,624,533

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 54.0%

Const. Date: 1936 | **Replacement Cost:** $8,556,923

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$76,296***	***$231,180***	
7860	Footings/Foundation Walls (A)	06-13-2019	06-13-2019	2	50%	$4.66	$76,296		Excavate north and west wall, waterproof, provide drain tile.
System: Envelope (2)						***Totals:***	***$259,603***	***$745,931***	
729	Exterior Windows (B)	12-29-1994	06-13-2019	2	100%	$7.13	$233,472		Replace windows (damage/wear out).
730	Exterior Doors/Hatches (C)	05-15-2003	05-24-2007	2	60%	$1.33	$26,131		REFINISH AND REPAIR EXTERIOR DOORS.
System: Floor System (3)						***Totals:***	***$178,971***	***$922,099***	
731	Floor Structure (A)	09-20-2001	05-24-2007	2	10%	$21.60	$70,729		Replace concrete floor in boiler room.
4026	Floor Structure (A)	07-14-2009	06-13-2019	2	15%	$21.60	$106,094		Replace sleepers on floor structure where deteriorated by water damage.
4028	Stair Treads/Risers (B)	07-14-2009	07-14-2009	2	1%	$6.56	$2,148		Repair/ replace worn treads.
System: Roof System (4)						***Totals:***	***$21,612***	***$289,138***	
5806	Covering (B)	06-11-2015	06-13-2019	2	10%	$4.40	$14,408		Replace EPDM gutters with steel around drains.
7862	Covering (B)	06-13-2019	06-13-2019	2	5%	$4.40	$7,204		Repair lifting roof covering.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern | **Area Correction:** 1.08 | **Last Audit Date:** 6/15/2023

Building: DONALDSON HALL - OFFLINE 2010 | **Gross Area:** 32,745 Sq Ft | **Report Renewal Cost:** $4,624,533

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 54.0%

Const. Date: 1936 | **Replacement Cost:** $8,556,923

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$1,402,732***	***$1,943,416***	
733	Interior Wall Systems (A)	09-20-2001	06-11-2015	2	60%	$16.57	$325,551		RESTORE WALLS.
734	Ceilings (B)	09-20-2001	06-11-2015	2	60%	$14.65	$287,829		RESTORE CEILINGS.
735	Ceilings (B)	12-29-1994	05-24-2007	2	2%	$14.65	$9,594		REPLACE MISC. CEILING TILE LOWER TWO FLOORS.
736	Interior Doors/Hardware/Windows (	09-20-2001	05-24-2007	2	100%	$10.97	$359,213		REPLACE DOORS & HARDWARE.
737	Floor Finishes (D)	05-15-2003	05-24-2007	2	50%	$8.38	$137,202		REPLACE WOOD FLOORING ON UPPER 2 FLOORS.
1723	Floor Finishes (D)	04-26-2005	06-13-2019	2	20%	$8.38	$54,881		REFINISH WOOD FLOORS ON LOWER 2 FLOORS.
1724	Floor Finishes (D)	04-26-2005	05-24-2007	2	10%	$8.38	$27,440		REPLACE CARPET AS NEEDED ON LOWER TWO FLOORS.
6533	Wall Finishes (E)	06-06-2017	06-06-2017	2	70%	$8.77	$201,022		Paint interior walls.
System: Specialties (6)						***Totals:***	***$86,774***	***$497,069***	
738	Toilet Partitions (A)	09-20-2001	05-24-2007	2	100%	$1.85	$60,578		REPLACE WORN OUT TOILET PARTIONS.
739	Signage/Directories (B)	09-20-2001	05-24-2007	3	95%	$0.80	$24,886		Replace room directory signage all areas.
5169	Signage/Directories (B)	09-20-2001	05-24-2007	3	5%	$0.80	$1,310		Replace building info directory sign.
System: HVAC System (7)						***Totals:***	***$433,544***	***$883,133***	
740	Heating (A)	09-20-2001	06-15-2023	2	100%	$11.77	$385,409		REPLACE HEATING SYSTEM. - Heating being brought online
5808	Ventilating (B)	06-11-2015	06-11-2015	3	100%	$1.47	$48,135		Add mechanical ventilator.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern | **Area Correction:** 1.08 | **Last Audit Date:** 6/15/2023

Building: DONALDSON HALL - OFFLINE 2010 | **Gross Area:** 32,745 Sq Ft | **Report Renewal Cost:** $4,624,533

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $261.32 | **Deficiency Ratio:** 54.0%

Const. Date: 1936 | **Replacement Cost:** $8,556,923

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$899,080***	***$1,183,404***	
6535	Fixtures (A)	06-06-2017	06-13-2019	2	50%	$7.90	$129,343		Replace worn-out fixtures with energy efficient fixtures.
6537	Supply Piping (B)	06-06-2017	06-13-2019	2	80%	$19.09	$500,082		Replace supply piping (some done on second floor).
6539	Waste Piping (C)	06-06-2017	06-13-2019	2	90%	$9.15	$269,655		Replace waste piping in entire building (some done on second floor).
System: Electrical System (9)						***Totals:***	***$893,283***	***$1,144,110***	
744	Building Service (A)	12-29-1994	05-24-2007	2	100%	$7.26	$237,729		REPLACE BUILDING SERVICE.
7863	Lighting (B)	06-13-2019	06-13-2019	5	100%	$9.01	$295,032		Upgrade lighting to LED throughout.
747	Distribution (C)	12-29-1994	05-24-2007	2	100%	$11.01	$360,522		REPLACE DISTRIBUTION SYSTEM.
System: Safety System (11)						***Totals:***	***$372,638***	***$490,193***	
812	Extinguishing System (B)	09-17-2001	06-13-2019	3	100%	$6.04	$197,780		Install fire suppression system and remove exterior fire escape.
5066	Exit/Emergency Lighting/Alarms (C	06-26-2013	06-13-2019	3	100%	$5.34	$174,858		Upgrade/replace exit/emergency lights and alarm system.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Northern
Building: FOOD SERVICE
Building Type/ Age Class: Food Services (9B)
Const. Date: 1971

Area Correction: 1.16
Gross Area: 21,515 Sq Ft
Cost/Sq Ft: $371.93
Replacement Cost: $8,002,289

Last Audit Date: 6/14/2023
Report Renewal Cost: $2,372,073
Deficiency Ratio: 29.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$81,025***	***$432,882***	
10448	Footings/Foundation Walls (A)	06-14-2023	06-14-2023	2	5%	$18.83	$20,256		North side foundation leak (broken seal)
10450	Footings/Foundation Walls (A)	06-14-2023	06-14-2023	2	15%	$18.83	$60,769		Monitor settling foundation at east side breezeway and dining
System: Envelope (2)						***Totals:***	***$484,464***	***$1,183,540***	
6813	Exterior Windows (B)	06-07-2017	06-13-2019	2	100%	$19.78	$425,567		Replace single pane windows
6815	Exterior Doors/Hatches (C)	06-07-2017	06-07-2017	2	25%	$10.95	$58,897		Replace exit doors at West entry.
System: Roof System (4)						***Totals:***	***$423,717***	***$456,333***	
6816	Structure (A)	06-07-2017	06-07-2017	2	60%	$3.79	$48,925		Replace roof structure (glue laminate and decking).
6817	Covering (B)	06-07-2017	06-07-2017	2	100%	$11.32	$243,550		Replace roof covering
6818	Insulation (C)	06-07-2017	06-13-2019	2	100%	$6.10	$131,242		Replace roof insulation.
System: Finishes (5)						***Totals:***	***$543,771***	***$1,066,283***	
6819	Interior Wall Systems (A)	06-07-2017	06-07-2017	2	50%	$8.71	$93,698		Patch & grout
6820	Ceilings (B)	06-07-2017	06-14-2023	2	50%	$14.31	$153,940		Replace ceiling tile
7842	Ceilings (B)	06-13-2019	06-13-2019	2	20%	$14.31	$61,576		Replace interior doors/hardware.
6825	Floor Finishes (D)	06-07-2017	06-14-2023	2	60%	$18.17	$234,557		Replace floor tile (VCT & Ceramic)
System: HVAC System (7)						***Totals:***	***$145,280***	***$1,660,313***	
6829	Ventilating (B)	06-07-2017	06-14-2023	2	25%	$27.01	$145,280		Replace small grill hoods (2)

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Northern | **Area Correction:** 1.16 | **Last Audit Date:** 6/14/2023

Building: FOOD SERVICE | **Gross Area:** 21,515 Sq Ft | **Report Renewal Cost:** $2,372,073

Building Type/ Age Class: Food Services (9B) | **Cost/Sq Ft:** $371.93 | **Deficiency Ratio:** 29.6%

Const. Date: 1971 | **Replacement Cost:** $8,002,289

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$382,235***	***$834,782***	
10452	Fixtures (A)	06-14-2023	06-14-2023	2	30%	$19.51	$125,927		install low flow faucets as needed
6830	Supply Piping (B)	06-07-2017	06-07-2017	2	50%	$13.62	$146,517		Replace supply piping
8454	Waste Piping (C)	06-07-2017	06-14-2023	2	90%	$5.67	$109,791		Replace waste piping. Installed new grease trap piping in 2018.
System: Electrical System (9)						***Totals:***	***$225,951***	***$585,853***	
6823	Lighting (B)	06-07-2017	06-14-2023	5	20%	$8.01	$34,467		Install occupancy sensors throughout
6824	Lighting (B)	06-07-2017	06-14-2023	5	50%	$8.01	$86,168		t-8 lamps and fixtures installed in 1996 - replace w/LED when applicable
7844	Distribution (C)	06-13-2019	06-14-2023	2	50%	$9.79	$105,316		Upgrade electrical panels.
System: Safety System (11)						***Totals:***	***$85,630***	***$648,677***	
6833	Egress (A)	06-07-2017	06-07-2017	3	20%	$3.86	$16,610		Upgrade ADA (bathrooms and entries).
7846	Exit/Emergency Lighting/Alarms (C	06-13-2019	06-14-2023	3	40%	$8.02	$69,020		Upgrade exit emergency lighting.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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- ☐ *2*
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- ☐ *4*
- ☐ *5*
- ☐ *6*
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Site: MSU-Northern
Building: FOOD SERVICE
Building Type/ Age Class: Food Services (9B)
Const. Date: 1971

Area Correction: 1.16
Gross Area: 21,515 Sq Ft
Cost/Sq Ft: $371.93
Replacement Cost: $8,002,289

Last Audit Date: 6/7/2017
Report Renewal Cost: $18,288
Deficiency Ratio: 0.2%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						*Totals:*	*$18,288*	*$815,419*	
6828	Signage/Directories (B)	06-07-2017	06-07-2017	7	100%	$0.85	$18,288		Install signage

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Northern
Building: GYMNASIUM
Building Type/ Age Class: Athletic Facilities (5B)
Const. Date: 1955

Area Correction: 0.98
Gross Area: 58,028 Sq Ft
Cost/Sq Ft: $248.27
Replacement Cost: $14,407,192

Last Audit Date: 6/14/2023
Report Renewal Cost: $4,250,493
Deficiency Ratio: 29.5%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$199,906***	***$463,063***	
3197	Footings/Foundation Walls (A)	05-24-2007	06-14-2023	2	50%	$6.89	$199,906		Improve site drainage away from the building. (north side)
System: Envelope (2)						***Totals:***	***$592,757***	***$2,835,248***	
5126	Exterior Walls (A)	06-26-2013	06-13-2019	2	20%	$14.22	$165,032		Repair/replace structural members at north wall.
5128	Exterior Walls (A)	06-26-2013	06-13-2019	2	20%	$14.22	$165,032		Prep and paint siding as needed.
10446	Exterior Windows (B)	06-14-2023	06-14-2023	2	50%	$8.73	$253,292		replace window hardware & frames
7834	Exterior Doors/Hatches (C)	06-13-2019	06-14-2023	2	15%	$1.08	$9,401		Replace exterior doors as needed.
System: Floor System (3)						***Totals:***	***$162,769***	***$887,828***	
8503	Floor Structure (A)	03-04-2021	06-14-2023	2	30%	$9.35	$162,769		Replace flooring
System: Roof System (4)						***Totals:***	***$414,494***	***$1,028,836***	
5131	Covering (B)	06-26-2013	06-14-2023	2	100%	$6.15	$356,872		Recoat roof membrane. Past EUL (recoated in 2003 - original is over 25 years old)
4048	Insulation (C)	07-14-2009	06-14-2023	2	30%	$3.31	$57,622		Needs new roof insulation
System: Finishes (5)						***Totals:***	***$150,466***	***$2,246,844***	
818	Interior Doors/Hardware/Windows (	05-15-2003	03-16-2021	2	30%	$3.97	$69,111		Replace interior doors and hardware as needed.
5133	Wall Finishes (E)	06-26-2013	03-16-2021	2	20%	$7.01	$81,355		Repaint walls as needed.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern | **Area Correction:** 0.98 | **Last Audit Date:** 6/14/2023

Building: GYMNASIUM | **Gross Area:** 58,028 Sq Ft | **Report Renewal Cost:** $4,250,493

Building Type/ Age Class: Athletic Facilities (5B) | **Cost/Sq Ft:** $248.27 | **Deficiency Ratio:** 29.5%

Const. Date: 1955 | **Replacement Cost:** $14,407,192

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$60,349***	***$2,290,365***	
7836	Toilet Partitions (A)	06-13-2019	03-16-2021	2	80%	$0.49	$22,747		Replace toilet partitions.
6613	Signage/Directories (B)	06-07-2017	06-07-2017	3	90%	$0.72	$37,602		Install room signage.
System: HVAC System (7)						***Totals:***	***$671,616***	***$1,147,214***	
5137	Heating (A)	06-26-2013	03-16-2021	2	90%	$9.89	$516,507		Replace heating system (including coils, piping, pneumatic controls, steam piping, radiators, controls etc.)
3203	Ventilating (B)	05-24-2007	03-16-2021	2	90%	$2.97	$155,109		Replace ventilating system. (Includes expanding ventilation into interior areas, replacing ventilation in team locker room area and exhaust system in shower area).
System: Plumbing System (8)						***Totals:***	***$1,202,109***	***$1,356,114***	
3204	Fixtures (A)	05-24-2007	06-14-2023	2	50%	$10.06	$291,881		REPLACE OBSOLETE FIXTURES.
6606	Fixtures (A)	06-07-2017	06-14-2023	5	50%	$10.06	$291,881		Upgrade to low-flow faucets/showerheads when applicable.
7838	Supply Piping (B)	06-13-2019	06-14-2023	2	80%	$9.40	$436,371		Supply piping reaching end of EUL.
825	Waste Piping (C)	05-15-2003	06-14-2023	2	80%	$3.92	$181,976		REPAIR/REPLACE BLOCKED WASTE PIPING.
System: Electrical System (9)						***Totals:***	***$466,661***	***$952,239***	
6605	Lighting (B)	06-07-2017	06-14-2023	5	50%	$6.52	$189,171		Replace lighting with LED and install occupancy sensors.
3205	Distribution (C)	05-24-2007	06-14-2023	2	60%	$7.97	$277,490		REPLACE OBSOLETE PANELS.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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Site: MSU-Northern
Building: GYMNASIUM
Building Type/ Age Class: Athletic Facilities (5B)
Const. Date: 1955

Area Correction: 0.98
Gross Area: 58,028 Sq Ft
Cost/Sq Ft: $248.27
Replacement Cost: $14,407,192

Last Audit Date: 6/14/2023
Report Renewal Cost: $4,250,493
Deficiency Ratio: 29.5%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	***$329,366***	***$865,778***	
827	Egress (A)	09-19-2001	03-16-2021	3	10%	$3.26	$18,917		EXPAND EXIT SIGNS.
828	Exit/Emergency Lighting/Alarms (C	09-19-2001	03-16-2021	3	15%	$5.35	$46,567		EXPAND EMERGENCY LIGHTING.
1110	Exit/Emergency Lighting/Alarms (C	05-15-2003	06-14-2023	2	85%	$5.35	$263,882		Replace fire detection and alarm system.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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Site: MSU-Northern
Building: GYMNASIUM
Building Type/ Age Class: Athletic Facilities (5B)
Const. Date: 1955

Area Correction: 0.98
Gross Area: 58,028 Sq Ft
Cost/Sq Ft: $248.27
Replacement Cost: $14,407,192

Last Audit Date: 6/14/2023
Report Renewal Cost: $497,068
Deficiency Ratio: 3.5%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$10,445***	***$2,290,365***	
3200	Signage/Directories (B)	05-24-2007	06-14-2023	7	25%	$0.72	$10,445		Expand building directory
System: HVAC System (7)						***Totals:***	***$120,466***	***$1,147,214***	
5821	Cooling (C)	06-11-2015	06-13-2023	7	30%	$6.92	$120,466		Install chiller and remove window ac units.
System: Safety System (11)						***Totals:***	***$366,157***	***$865,778***	
826	Extinguishing System (B)	09-19-2001	05-24-2007	7	100%	$6.31	$366,157		Install fire suppression system.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern
Building: HAGENER SCIENCE CENTER
Building Type/ Age Class: Teaching/Research Labs (4B)
Const. Date: 1966

Area Correction: 1.04
Gross Area: 41,971 Sq Ft
Cost/Sq Ft: $307.07
Replacement Cost: $12,888,035

Last Audit Date: 6/13/2023
Report Renewal Cost: $3,808,723
Deficiency Ratio: 29.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$155,208***	***$357,173***	
1403	Footings/Foundation Walls (A)	09-18-2001	06-26-2013	2	50%	$7.35	$154,243		Provide exterior drainage system and waterproofing to prevent water infiltration.
7829	Exterior Steps/Retaining Walls (B)	06-13-2019	06-13-2023	2	2%	$1.15	$965		Repair retaining wall
System: Envelope (2)						***Totals:***	***$283,598***	***$1,274,240***	
5786	Exterior Walls (A)	06-11-2015	06-13-2023	2	5%	$10.98	$23,042		Replace air handler intake to prevent water penetration.
1405	Exterior Windows (B)	12-28-1994	12-28-1994	2	100%	$4.58	$192,227		REPLACE EXTERIOR WINDOWS WITH THERMAL PANES.
6629	Exterior Doors/Hatches (C)	06-07-2017	06-13-2023	2	40%	$4.07	$68,329		Replace exterior doors and misaligned frames. (2 remaining)
System: Floor System (3)						***Totals:***	***$13,242***	***$746,664***	
1406	Stair Treads/Risers (B)	12-28-1994	06-13-2019	3	5%	$6.31	$13,242		Replace stairs in mech room to provide clearance to electrical equipment (Fire Marshall).
System: Roof System (4)						***Totals:***	***$29,715***	***$607,320***	
7830	Covering (B)	06-13-2019	06-13-2023	2	10%	$7.08	$29,715		Roof covering last replaced in 2012. EPDM
System: Finishes (5)						***Totals:***	***$108,373***	***$2,544,702***	
6632	Interior Doors/Hardware/Windows (	06-07-2017	06-13-2019	2	5%	$2.83	$5,939		Repair/replace door hardware as needed.
1413	Floor Finishes (D)	09-18-2001	06-13-2023	2	5%	$10.93	$22,937		REPAIR TERRAZZO CRACKS.
7823	Floor Finishes (D)	06-13-2019	06-13-2023	2	5%	$10.93	$22,937		Replace carpet as needed
7824	Floor Finishes (D)	06-13-2019	06-13-2019	2	2%	$10.93	$9,175		Replace VCT in classrooms.
8457	Wall Finishes (E)	05-24-2007	06-13-2023	2	10%	$11.29	$47,385		Paint interior walls, hallways and stairs as needed

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern | **Area Correction:** 1.04 | **Last Audit Date:** 6/13/2023

Building: HAGENER SCIENCE CENTER | **Gross Area:** 41,971 Sq Ft | **Report Renewal Cost:** $3,808,723

Building Type/ Age Class: Teaching/Research Labs (4B) | **Cost/Sq Ft:** $307.07 | **Deficiency Ratio:** 29.6%

Const. Date: 1966 | **Replacement Cost:** $12,888,035

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$74,289***	***$973,307***	
4016	Fixed Seating/Risers (C)	07-14-2009	06-07-2017	6	100%	$1.22	$51,205		Replace fixed seating. (Room 101)
8459	Chalk/Tack/Whiteboards/Cabinets (	06-13-2019	06-13-2023	2	5%	$11.00	$23,084		Replace damaged cabinets/counters in the instructional labs.
System: HVAC System (7)						***Totals:***	***$1,349,955***	***$1,738,439***	
6634	Heating (A)	06-07-2017	06-13-2023	2	75%	$18.88	$594,309		Replace HVAC system (original piping done in 2011)
6635	Ventilating (B)	06-07-2017	06-13-2019	2	100%	$16.87	$708,051		Replace HVAC system (original ducts)
6636	Cooling (C)	06-07-2017	06-13-2023	2	20%	$5.67	$47,595		Replace HVAC system (original)
System: Plumbing System (8)						***Totals:***	***$1,271,762***	***$2,855,287***	
8461	Fixtures (A)	05-15-2003	06-13-2023	5	50%	$14.11	$296,105		Replace fixtures in restrooms and labs with low flow fixtures.
1712	Supply Piping (B)	04-26-2005	05-24-2007	3	10%	$37.09	$155,670		PROVIDE BACKFLOW PROTECTION ON LAB WATER SUPPLY.
3220	Supply Piping (B)	05-24-2007	06-13-2023	2	30%	$37.09	$467,011		REPLACE COLD WATER LINE.
5787	Waste Piping (C)	06-11-2015	06-13-2019	2	50%	$16.82	$352,976		Replace waste piping (cast iron & galvanized is original piping).
System: Electrical System (9)						***Totals:***	***$231,176***	***$1,066,483***	
8463	Lighting (B)	06-07-2017	06-13-2023	5	30%	$8.26	$104,004		Upgrade lighting to LED and install ocupancy sensors throughout.
5051	Distribution (C)	06-26-2013	06-13-2023	2	30%	$10.10	$127,172		Repair service feed.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Northern
Building: HAGENER SCIENCE CENTER
Building Type/ Age Class: Teaching/Research Labs (4B)
Const. Date: 1966

Area Correction: 1.04
Gross Area: 41,971 Sq Ft
Cost/Sq Ft: $307.07
Replacement Cost: $12,888,035

Last Audit Date: 6/13/2023
Report Renewal Cost: $3,808,723
Deficiency Ratio: 29.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	***$291,405***	***$468,816***	
4516	Egress (A)	07-13-2011	06-13-2023	3	5%	$3.46	$7,261		Install fall protection around fume hood exhaust #1 on roof.
1427	Extinguishing System (B)	05-15-2003	06-26-2013	3	100%	$5.36	$224,965		INSTALL FIRE SUPPRESSION SYSTEM.
1428	Exit/Emergency Lighting/Alarms (C	09-18-2001	06-13-2023	3	30%	$2.35	$29,590		INSTALL EMERGENCY LIGHTING.
8465	Exit/Emergency Lighting/Alarms (C	05-15-2003	03-16-2021	3	10%	$2.35	$9,863		Install smoke detecthion system.
8467	Exit/Emergency Lighting/Alarms (C	04-26-2005	03-16-2021	5	20%	$2.35	$19,726		Upgrade exit lights to LED type.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern
Building: HAGENER SCIENCE CENTER
Building Type/ Age Class: Teaching/Research Labs (4B)
Const. Date: 1966

Area Correction: 1.04
Gross Area: 41,971 Sq Ft
Cost/Sq Ft: $307.07
Replacement Cost: $12,888,035

Last Audit Date: 5/24/2007
Report Renewal Cost: $32,318
Deficiency Ratio: 0.3%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						*Totals:*	*$32,318*	*$973,307*	
3214	Signage/Directories (B)	05-24-2007	05-24-2007	7	100%	$0.77	$32,318		Install accesible room, directional signage and directory

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern
Building: MORGAN HALL
Building Type/ Age Class: Residence Halls (10B)
Const. Date: 1957

Area Correction: 0.98
Gross Area: 60,223 Sq Ft
Cost/Sq Ft: $264.73
Replacement Cost: $15,942,835

Last Audit Date: 6/14/2023
Report Renewal Cost: $4,834,854
Deficiency Ratio: 30.3%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$59,320***	***$302,319***	
6889	Footings/Foundation Walls (A)	06-07-2017	06-13-2023	2	25%	$3.94	$59,320		Repair fissures outside boiler room.
System: Envelope (2)						***Totals:***	***$277,508***	***$1,277,932***	
10442	Exterior Windows (B)	06-14-2023	06-14-2023	2	90%	$5.12	$277,508		Replace windows (lead paint & asbestos present)
System: Roof System (4)						***Totals:***	***$53,840***	***$187,896***	
6894	Covering (B)	06-07-2017	06-13-2019	2	60%	$0.97	$35,050		Replace North and South roof EPDM (East and South wings replaced in 2004). East wing re-roofed in 2004.
6895	Insulation (C)	06-07-2017	06-14-2023	2	60%	$0.52	$18,790		Replace S. insulation.
System: Finishes (5)						***Totals:***	***$1,210,482***	***$3,349,603***	
6925	Ceilings (B)	06-07-2017	06-07-2017	2	75%	$1.98	$89,431		Replace cellulose tiles
7788	Interior Doors/Hardware/Windows (	06-13-2019	06-13-2019	2	75%	$11.76	$531,167		Replace interior doors/ hardware.
8475	Floor Finishes (D)	06-13-2019	06-14-2023	2	60%	$11.28	$407,589		Replace floor finishes (east wing)
7786	Wall Finishes (E)	06-13-2019	06-14-2023	2	30%	$10.09	$182,295		Repaint interior wall finishes.
System: HVAC System (7)						***Totals:***	***$427,583***	***$1,415,843***	
6904	Heating (A)	06-07-2017	06-07-2017	2	100%	$7.10	$427,583		Replace boilers - Last replaced in 1993.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern | **Area Correction:** 0.98 | **Last Audit Date:** 6/14/2023

Building: MORGAN HALL | **Gross Area:** 60,223 Sq Ft | **Report Renewal Cost:** $4,834,854

Building Type/ Age Class: Residence Halls (10B) | **Cost/Sq Ft:** $264.73 | **Deficiency Ratio:** 30.3%

Const. Date: 1957 | **Replacement Cost:** $15,942,835

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$1,597,174***	***$2,529,968***	
7794	Fixtures (A)	06-13-2019	06-14-2023	5	70%	$8.67	$365,493		Upgrade to low flow faucets/showerhead when applicable.
7795	Fixtures (A)	06-13-2019	06-14-2023	2	20%	$8.67	$104,427		Replace fixtures.
7796	Supply Piping (B)	06-13-2019	06-13-2019	2	50%	$23.10	$695,576		Replace supply piping.
7797	Waste Piping (C)	06-13-2019	06-13-2019	2	70%	$10.24	$431,678		Replace waste piping.
System: Electrical System (9)						***Totals:***	***$685,609***	***$1,432,103***	
6900	Lighting (B)	06-07-2017	06-14-2023	5	25%	$6.81	$102,530		Install occupancy sensors throughout.
6901	Lighting (B)	06-07-2017	06-07-2017	5	20%	$6.81	$82,024		t-8 lamps and fixtures installed in 1996--replace w/LED when applicable.
6908	Distribution (C)	06-07-2017	06-07-2017	2	100%	$8.32	$501,055		Upgrade distribution panels.
System: Safety System (11)						***Totals:***	***$523,338***	***$719,665***	
6909	Extinguishing System (B)	06-07-2017	06-07-2017	3	100%	$5.04	$303,524		Install sprinkler system.
7801	Exit/Emergency Lighting/Alarms (C	06-13-2019	06-13-2019	2	100%	$3.65	$219,814		Replace panel and alarm system.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☐ 1
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Site: MSU-Northern | **Area Correction:** 0.98 | **Last Audit Date:** 6/13/2019

Building: MORGAN HALL | **Gross Area:** 60,223 Sq Ft | **Report Renewal Cost:** $987,658

Building Type/ Age Class: Residence Halls (10B) | **Cost/Sq Ft:** $264.73 | **Deficiency Ratio:** 6.2%

Const. Date: 1957 | **Replacement Cost:** $15,942,835

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$987,658***	***$1,415,843***	
7798	Ventilating (B)	06-13-2019	06-13-2019	7	100%	$2.46	$148,149		Install ventilation system throughout.
7799	Cooling (C)	06-13-2019	06-13-2019	7	100%	$13.94	$839,509		Install cooling system throughout.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern
Building: PERSHING HALL
Building Type/ Age Class: General Classroom/Office (3A)
Const. Date: 1932

Area Correction: 1.21
Gross Area: 14,360 Sq Ft
Cost/Sq Ft: $292.77
Replacement Cost: $4,204,321

Last Audit Date: 6/13/2023
Report Renewal Cost: $1,792,262
Deficiency Ratio: 42.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$11,545***	***$113,588***	
10417	Exterior Steps/Retaining Walls (B)	06-13-2023	06-13-2023	2	30%	$2.68	$11,545		Replace rusted fire escape & secure
System: Envelope (2)						***Totals:***	***$37,939***	***$366,467***	
701	Exterior Walls (A)	12-29-1994	06-11-2015	2	25%	$6.92	$24,843		SEAL BRICK ON THE ENTIRE EXTERIOR WALLS.
5819	Interior Columns/Beams (D)	06-11-2015	06-13-2023	2	10%	$9.12	$13,096		Repair roof strut and framing second floor, room 204.
System: Floor System (3)						***Totals:***	***$201,815***	***$453,058***	
3237	Floor Structure (A)	05-24-2007	06-13-2019	2	50%	$24.20	$173,756		REPLACE PLYWOOD SUBFLOOR ON 2ND & 3RD FLOORS.
4523	Floor Structure (A)	07-13-2011	07-13-2011	2	2%	$24.20	$6,950		Repair sub floor & flooor covering in room 202.
706	Stair Treads/Risers (B)	09-20-2001	06-26-2013	3	20%	$7.35	$21,109		UPGRADE HANDRAILS & GUARDRAILS TO MEET CODES.
System: Roof System (4)						***Totals:***	***$83,748***	***$142,020***	
3238	Covering (B)	05-24-2007	05-24-2007	2	90%	$4.94	$63,845		Replace entire roof covering.
708	Insulation (C)	09-20-2001	09-20-2001	5	60%	$2.31	$19,903		INSULATE ROOF, FLAT ROOF.
System: Finishes (5)						***Totals:***	***$376,583***	***$954,796***	
7777	Ceilings (B)	06-13-2019	06-13-2023	2	30%	$16.42	$70,737		Patch and paint misc. ceilings.
713	Interior Doors/Hardware/Windows (	09-20-2001	05-24-2007	2	50%	$12.29	$88,242		REPLACE INTERIOR DOORS.
6620	Interior Doors/Hardware/Windows (	06-07-2017	06-13-2023	2	50%	$12.29	$88,242		Replace worn-out door hardware
714	Floor Finishes (D)	05-15-2003	06-13-2019	2	75%	$9.39	$101,130		Replace missing and broken tile and abate.
709	Wall Finishes (E)	09-20-2001	07-14-2009	2	20%	$9.83	$28,232		Repair & paint miscellaneous interior walls.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Northern
Building: PERSHING HALL
Building Type/ Age Class: General Classroom/Office (3A)
Const. Date: 1932

Area Correction: 1.21
Gross Area: 14,360 Sq Ft
Cost/Sq Ft: $292.77
Replacement Cost: $4,204,321

Last Audit Date: 6/13/2023
Report Renewal Cost: $1,792,262
Deficiency Ratio: 42.6%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$213,533***	***$244,120***	
3240	Toilet Partitions (A)	05-24-2007	05-24-2007	2	100%	$2.07	$29,725		REPLACE TOILET PARTITIONS.
6622	Chalk/Tack/Whiteboards/Cabinets (	06-07-2017	06-13-2023	2	100%	$12.80	$183,808		Replace remaining chalkboards with whiteboards
System: HVAC System (7)						***Totals:***	***$113,559***	***$433,816***	
7779	Heating (A)	06-13-2019	06-13-2023	2	60%	$13.18	$113,559		Boilers approaching expected useful life (Installed in 2005).
System: Plumbing System (8)						***Totals:***	***$336,153***	***$581,436***	
10419	Fixtures (A)	06-13-2023	06-13-2023	2	50%	$8.85	$63,543		Replace and upgrade faucets/showerheads where necessary. Repair sinks.
8479	Supply Piping (B)	05-15-2003	03-16-2021	2	60%	$21.39	$184,296		Replace supply piping as needed.
3243	Waste Piping (C)	05-24-2007	06-13-2019	2	60%	$10.25	$88,314		Replace smaller galvanized and cast iron waste piping.
System: Electrical System (9)						***Totals:***	***$228,510***	***$562,194***	
6617	Lighting (B)	06-07-2017	06-13-2019	5	80%	$10.10	$116,029		Replace obsolete fixtures and upgrade lighting to LED. Install occupancy sensors throuhout.
2220	Distribution (C)	05-15-2003	06-11-2015	2	60%	$12.34	$106,321		REPAIR AND REPLACE SECONDARY DISTRIBUTION SYSTEM.
3980	Voice/Data (D)	07-14-2009	07-14-2009	2	5%	$8.58	$6,160		Upgrade voice/ data systems.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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☐ 7

Site: MSU-Northern | **Area Correction:** 1.21 | **Last Audit Date:** 6/13/2023

Building: PERSHING HALL | **Gross Area:** 14,360 Sq Ft | **Report Renewal Cost:** $1,792,262

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $292.77 | **Deficiency Ratio:** 42.6%

Const. Date: 1932 | **Replacement Cost:** $4,204,321

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)						***Totals:***	***$188,877***	***$240,961***	
3981	Egress (A)	07-14-2009	07-14-2009	3	10%	$4.03	$5,787		Improve inadaquate Egress.
3245	Extinguishing System (B)	05-24-2007	05-24-2007	3	100%	$6.77	$97,217		Install fire suppression system.
5077	Exit/Emergency Lighting/Alarms (C	06-26-2013	06-13-2019	2	100%	$5.98	$85,873		Replace fire lighting, alarm, and detection system.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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- ☐ *2*
- ☐ *3*
- ☐ *4*
- ☐ *5*
- ☐ *6*
- ☑ *7*

Site: MSU-Northern | **Area Correction:** 1.21 | **Last Audit Date:** 7/13/2011

Building: PERSHING HALL | **Gross Area:** 14,360 Sq Ft | **Report Renewal Cost:** $12,780

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $292.77 | **Deficiency Ratio:** 0.3%

Const. Date: 1932 | **Replacement Cost:** $4,204,321

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						*Totals:*	*$12,780*	*$244,120*	
3979	Signage/Directories (B)	07-14-2009	07-13-2011	7	100%	$0.89	$12,780		Provide wayfinding signage & directory

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Northern
Building: PHYSICAL PLANT -HVR
Building Type/ Age Class: Vocational Shops (6B)
Const. Date: 1967

Area Correction: 1.44
Gross Area: 5,432 Sq Ft
Cost/Sq Ft: $260.70
Replacement Cost: $1,416,177

Last Audit Date: 6/13/2023
Report Renewal Cost: $359,534
Deficiency Ratio: 25.4%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$9,153***	***$193,542***	
1111	Exterior Walls (A)	05-15-2003	06-13-2023	2	10%	$16.85	$9,153		Reseal soffit and repaint beam ends.
System: Floor System (3)						***Totals:***	***$47,476***	***$157,963***	
5783	Stair Treads/Risers (B)	06-11-2015	06-13-2023	2	100%	$8.74	$47,476		Replace wooden stairs
System: Roof System (4)						***Totals:***	***$93,593***	***$113,149***	
7771	Covering (B)	06-13-2019	03-16-2021	2	100%	$11.20	$60,838		Replace single membrane roof covering.
3975	Insulation (C)	07-14-2009	06-26-2013	5	100%	$6.03	$32,755		Replace insulation.
System: Finishes (5)						***Totals:***	***$16,224***	***$134,877***	
833	Interior Doors/Hardware/Windows (	05-15-2003	05-15-2003	2	2%	$0.99	$108		Replace pocket doors.
8481	Floor Finishes (D)	06-13-2019	06-13-2023	2	20%	$3.36	$3,650		Replace VCT in office area
5154	Wall Finishes (E)	06-26-2013	06-13-2023	2	30%	$7.65	$12,466		Repaint as needed.
System: HVAC System (7)						***Totals:***	***$73,034***	***$141,069***	
7773	Heating (A)	06-13-2019	06-13-2023	2	100%	$12.99	$70,562		Replace obsolete boilers (2)
3976	Ventilating (B)	07-14-2009	07-14-2009	3	25%	$1.82	$2,472		Replace exhaust in mechanics shop.
System: Plumbing System (8)						***Totals:***	***$26,144***	***$84,087***	
7766	Fixtures (A)	06-13-2019	06-13-2019	2	30%	$2.46	$4,009		Upgrade to low-flow faucets when applicable.
8505	Waste Piping (C)	03-04-2021	06-13-2023	2	50%	$8.15	$22,135		Upgrade waste piping in shop.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern | **Area Correction:** 1.44 | **Last Audit Date:** 6/13/2023

Building: PHYSICAL PLANT -HVR | **Gross Area:** 5,432 Sq Ft | **Report Renewal Cost:** $359,534

Building Type/ Age Class: Vocational Shops (6B) | **Cost/Sq Ft:** $260.70 | **Deficiency Ratio:** 25.4%

Const. Date: 1967 | **Replacement Cost:** $1,416,177

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$37,095***	***$108,368***	
8483	Lighting (B)	06-07-2017	06-13-2023	5	20%	$8.42	$9,147		Upgrade lighting to LED and install occupancy sensors throughout.
7775	Distribution (C)	06-13-2019	06-13-2019	2	50%	$10.29	$27,948		Upgrade 1967 obsolete panel.
System: Safety System (11)						***Totals:***	***$56,815***	***$140,743***	
7769	Extinguishing System (B)	06-13-2019	06-13-2019	2	20%	$11.95	$12,982		Upgrade fire suppression sytem in the grounds shop.
836	Exit/Emergency Lighting/Alarms (C	09-19-2001	06-13-2023	2	3%	$9.17	$1,494		Replace exit lights.
1389	Exit/Emergency Lighting/Alarms (C	05-15-2003	06-13-2019	2	65%	$9.17	$32,377		Replace fire detection and fire alarm panel.
4011	Exit/Emergency Lighting/Alarms (C	09-19-2001	06-13-2019	3	20%	$9.17	$9,962		Install emergency lighting.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern | **Area Correction:** 1.44 | **Last Audit Date:** 6/13/2019

Building: PHYSICAL PLANT -HVR | **Gross Area:** 5,432 Sq Ft | **Report Renewal Cost:** $51,930

Building Type/ Age Class: Vocational Shops (6B) | **Cost/Sq Ft:** $260.70 | **Deficiency Ratio:** 3.7%

Const. Date: 1967 | **Replacement Cost:** $1,416,177

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)					*Totals:*		*$51,930*	*$140,743*	
7768	Extinguishing System (B)	06-13-2019	06-13-2019	7	80%	$11.95	$51,930		Install fire suppression system in the rest of building.

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern
Building: STUDENT FAMILY HOUSING
Building Type/ Age Class: Apartment, 1-3 Story (11B)
Const. Date: 1960

Area Correction: 1.08
Gross Area: 38,961 Sq Ft
Cost/Sq Ft: $243.70
Replacement Cost: $9,494,796

Last Audit Date: 6/13/2023
Report Renewal Cost: $3,532,982
Deficiency Ratio: 37.2%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$731,453***	***$1,210,518***	
7752	Exterior Walls (A)	06-13-2019	06-13-2023	2	70%	$21.20	$578,181		Replace siding.
6855	Exterior Windows (B)	06-07-2017	06-13-2023	2	80%	$4.28	$133,402		Replace windows
7756	Exterior Doors/Hatches (C)	06-13-2019	06-13-2023	2	75%	$0.68	$19,870		Replace exterior doors/hardware.
System: Floor System (3)						***Totals:***	***$395,318***	***$1,367,141***	
7757	Floor Structure (A)	06-13-2019	03-16-2021	2	35%	$28.99	$395,318		Replace wood floor sub-structure.
System: Roof System (4)						***Totals:***	***$32,493***	***$230,649***	
7758	Covering (B)	06-13-2019	03-16-2021	2	30%	$2.78	$32,493		EPDM membrane last replaced in 2004. Address penetration at vents.
System: Finishes (5)						***Totals:***	***$417,213***	***$1,794,544***	
7761	Interior Wall Systems (A)	06-13-2019	06-13-2023	2	50%	$11.84	$230,649		Upgrade counters/cabinets as needed.
7759	Floor Finishes (D)	06-13-2019	06-13-2023	2	40%	$8.89	$138,545		Replace floor finishes as needed.
7750	Wall Finishes (E)	06-13-2019	03-16-2021	2	25%	$4.93	$48,019		Repaint interior wall finishes as needed.
System: HVAC System (7)						***Totals:***	***$591,428***	***$1,301,687***	
6853	Heating (A)	06-07-2017	06-13-2023	2	100%	$15.18	$591,428		Replace boilers (last replaced in 2003). Replace circulation pumps. Replace main building controls. EUL

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: MSU-Northern | **Area Correction:** 1.08 | **Last Audit Date:** 6/13/2023

Building: STUDENT FAMILY HOUSING | **Gross Area:** 38,961 Sq Ft | **Report Renewal Cost:** $3,532,982

Building Type/ Age Class: Apartment, 1-3 Story (11B) | **Cost/Sq Ft:** $243.70 | **Deficiency Ratio:** 37.2%

Const. Date: 1960 | **Replacement Cost:** $9,494,796

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$720,000***	***$1,444,674***	
7754	Fixtures (A)	06-13-2019	06-13-2019	2	30%	$12.56	$146,805		Upgrade to low-flow faucets/showerheads when applicable.
6856	Supply Piping (B)	06-07-2017	06-13-2019	2	60%	$16.64	$388,987		Replace supply piping
6857	Waste Piping (C)	06-07-2017	06-13-2019	2	60%	$7.88	$184,208		Replace waste piping
System: Electrical System (9)						***Totals:***	***$352,675***	***$723,895***	
6859	Lighting (B)	06-07-2017	06-13-2023	5	40%	$5.58	$86,961		Upgrade lighting to LED and install occupancy sensors throughout.
7762	Distribution (C)	06-13-2019	03-16-2021	2	100%	$6.82	$265,714		Replace electrical distribution panel. Need more capacity ($250k estimate made 2018).
System: Safety System (11)						***Totals:***	***$292,402***	***$459,350***	
10414	Extinguishing System (B)	06-13-2023	06-13-2023	3	100%	$6.82	$265,714		Add fire supression system
10415	Exit/Emergency Lighting/Alarms (C	06-13-2023	06-13-2023	3	50%	$1.37	$26,688		Updated fire alarms

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Northern
Building: STUDENT UNION
Building Type/ Age Class: College, Student Union (21B)
Const. Date: 1960

Area Correction: 1.16
Gross Area: 29,323 Sq Ft
Cost/Sq Ft: $264.78
Replacement Cost: $7,764,144

Last Audit Date: 6/13/2023
Report Renewal Cost: $2,071,141
Deficiency Ratio: 26.7%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						***Totals:***	***$541,302***	***$1,302,821***	
6864	Exterior Walls (A)	06-07-2017	06-13-2023	2	40%	$22.41	$262,851		Monitor settling cracks on E. side of ballroom.
6865	Exterior Windows (B)	06-07-2017	06-07-2017	2	100%	$9.32	$273,290		Replace windows
7740	Exterior Doors/Hatches (C)	06-13-2019	06-13-2019	2	20%	$0.88	$5,161		Replace exterior doors.
System: Roof System (4)						***Totals:***	***$109,726***	***$315,515***	
6869	Structure (A)	06-07-2017	06-13-2023	2	50%	$3.94	$57,766		Replace sheathing over ballroom
10412	Covering (B)	06-13-2023	06-13-2023	2	40%	$4.43	$51,960		Replace rood in bookstore. Roof above ballroom replaced in 2010 EPDM
System: Finishes (5)						***Totals:***	***$270,285***	***$1,593,998***	
8487	Ceilings (B)	06-07-2017	06-13-2023	2	35%	$11.60	$119,051		Replace ceiling tiles (main lobby and bowling alley).
7744	Interior Doors/Hardware/Windows (	06-13-2019	06-13-2019	2	15%	$16.81	$73,938		Replace interior doors.
7738	Floor Finishes (D)	06-13-2019	06-13-2019	2	20%	$9.59	$56,242		Replace flooring in ballroom.
7742	Wall Finishes (E)	06-13-2019	06-13-2019	2	10%	$7.18	$21,054		Repaint interior wall finishes.
System: Specialties (6)						***Totals:***	***$4,985***	***$209,073***	
8489	Signage/Directories (B)	06-07-2017	03-16-2021	2	20%	$0.85	$4,985		Replace directories
System: HVAC System (7)						***Totals:***	***$370,525***	***$1,235,378***	
6923	Heating (A)	06-07-2017	06-13-2023	2	60%	$21.06	$370,525		Replace air handlers and hydronic piping

Montana State University - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
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Site: MSU-Northern | **Area Correction:** 1.16 | **Last Audit Date:** 6/13/2023

Building: STUDENT UNION | **Gross Area:** 29,323 Sq Ft | **Report Renewal Cost:** $2,071,141

Building Type/ Age Class: College, Student Union (21B) | **Cost/Sq Ft:** $264.78 | **Deficiency Ratio:** 26.7%

Const. Date: 1960 | **Replacement Cost:** $7,764,144

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$133,860***	***$267,426***	
6878	Fixtures (A)	06-07-2017	06-13-2019	2	50%	$2.61	$38,267		Replace fixtures with low flow.
6879	Supply Piping (B)	06-07-2017	06-13-2023	2	50%	$3.74	$54,834		Replace supply piping
8491	Waste Piping (C)	06-07-2017	06-13-2023	2	50%	$2.78	$40,759		Replace waste piping.
System: Electrical System (9)						***Totals:***	***$537,490***	***$935,110***	
8493	Lighting (B)	06-07-2017	06-13-2023	5	50%	$10.64	$155,998		Upgrade lighting to LED and install occupancy sensors.
6882	Distribution (C)	06-07-2017	06-13-2019	2	100%	$13.01	$381,492		Replace electrical distribution panels.
System: Safety System (11)						***Totals:***	***$102,968***	***$376,214***	
8495	Extinguishing System (B)	06-13-2019	03-16-2021	3	35%	$6.49	$66,607		Extend/upgrade extinguishing system. Basement upgrade in 2019.
8497	Exit/Emergency Lighting/Alarms (C	06-07-2017	03-16-2021	2	50%	$2.48	$36,361		Upgrade emergency lighting and alarms. Fire Alarm Panel put in 2019.

Station Name	Short Name	Deficiency/Project Name	Deficiency/Project Category	System	last_edited_date
BART	SWINE STORAGE SHED	Demolish requested	Damage/Wear-out	Site	12-Aug-19
BART	AG POLE MACHINE SHED	Repair structural bracing	Damage/Wear-out	Roof System	12-Aug-19
BART	AG POLE MACHINE SHED	Add gravel and regrade base	Building Enhancements	Floor System	12-Aug-19
BART	OSCAR THOMAS NUTRITION CENTER OPEN HAY SHED	Replace exterior metal wall panels	Damage/Wear-out	Envelope	12-Aug-19
BART	OSCAR THOMAS NUTRITION CENTER OPEN HAY SHED	Address structural repairs - broken trusses	Safety	Roof System	12-Aug-19
BART	OSCAR THOMAS NUTRITION CENTER OPEN HAY SHED	Replace roof	Damage/Wear-out	Roof System	12-Aug-19
BART	FEED LOT POLE BARN	Replace feed bunks with Grow Safe system	Damage/Wear-out	Specialties	1-Apr-21
BART	FEED LOT POLE BARN	Upgrade electrical system	Damage/Wear-out	Electrical System	1-Apr-21
BART	AG WORKING FACILITY	Manure drain does not flow anywhere. Correct.	Damage/Wear-out	Plumbing System	12-Aug-19
BART	OSCAR THOMAS NUTRITION CENTER GROW SAFE EQU	Replace exterior overhead door	Damage/Wear-out	Envelope	1-Apr-21
BART	FARM SHOP	Damaged soffit	Damage/Wear-out	Envelope	1-Apr-21
BART	AG CALVING BUILDING #1	Replace exterior overhead doors.	Damage/Wear-out	Envelope	1-Apr-21
BART	AG CALVING BUILDING #1	Upgrade lighting to LED	Building Enhancements	Electrical System	12-Aug-19
BART	AG CALVING BUILDING #1	Investigate floor drainage in corrals	Damage/Wear-out	Floor System	12-Aug-19
BART	AG CALVING BUILDING #1	Repair collapsed line feeding watering tanks.	Damage/Wear-out	Plumbing System	16-Jun-23
BART	AG CALVING BUILDING #1	Replace calving pens with continuous panels	Damage/Wear-out	Site	12-Aug-19
BART	AG CALVING BUILDING #1	Investigate drain repair	Damage/Wear-out	Plumbing System	1-Apr-21
BART	AG CALVING BUILDING #1	Enclose far SW overhead door	Other	Envelope	16-Jun-23
BART	AG CALVING BUILDING #1	Replace Siding	Damage/Wear-out	Envelope	23-Jun-23
BART	AG CALVING BUILDING #1	Prep/Paint Structural Steel	Damage/Wear-out	Envelope	23-Jun-23
BART	AG CALVING BUILDING #1	Enclose far southwest overhead door	Energy Conservation	Envelope	23-Jun-23
BART	HORSE HAY SHED	Monitor rotting post	Damage/Wear-out	Site	1-Apr-21
BART	HORSE HAY SHED	Add gravel and slope	Damage/Wear-out	Floor System	12-Aug-19
BART	GIRVIN FARM RESIDENCE 2 CAR GARAGE	Repaint exterior siding	Damage/Wear-out	Envelope	12-Aug-19
BART	GIRVIN FARM RESIDENCE 2 CAR GARAGE	Replace garage doors (qty 2)	Damage/Wear-out	Envelope	12-Aug-19
BART	GIRVIN FARM RESIDENCE 2 CAR GARAGE	Replace concrete slab	Damage/Wear-out	Foundations	12-Aug-19
BART	HAY SHED POLE BARN	HIGH PRIORITY	Safety	Site	1-Apr-21
BART	HAY SHED POLE BARN	Risk of failure, Monitor condition.	Safety	Site	1-Apr-21
BART	HAY SHED POLE BARN	Demolish requested.	Safety	Site	1-Apr-21
BART	FARRIER BUILDING	Monitor foundation cracks	Damage/Wear-out	Foundations	12-Aug-19
BART	FARRIER BUILDING	Replace east barn door	Damage/Wear-out	Envelope	12-Aug-19
BART	GIRVIN FARM BARN	Repair roof	Damage/Wear-out	Envelope	16-Jun-23
BART	GIRVIN FARM BARN	Re-Paint Exterior	Damage/Wear-out	Envelope	23-Jun-23
BART	GIRVIN FARM RESIDENCE	Replace windows	Damage/Wear-out	Envelope	12-Aug-19
BART	GIRVIN FARM RESIDENCE	Replace exterior doors	Damage/Wear-out	Envelope	12-Aug-19
BART	GIRVIN FARM RESIDENCE	Add heat upstairs.	Environmental Improvements	HVAC	12-Aug-19
BART	GIRVIN FARM RESIDENCE	Monitor foundation	Damage/Wear-out	Envelope	23-Jun-23
BART	GIRVIN FARM RESIDENCE	Replace Roof	Damage/Wear-out	Roof System	23-Jun-23
BART	GIRVIN FARM RESIDENCE	Add restroom upstairs	Building Enhancements	Plumbing System	23-Jun-23
BART	GRAIN BIN IN FRONT HORSE BARN	Tear down requested.	Damage/Wear-out	Site	12-Aug-19
BART	AG HORSE BARN	Replace roof insulation and roof	Damage/Wear-out	Roof System	12-Aug-19
BART	AG HORSE BARN	Upgrade exterior lighting	Damage/Wear-out	Electrical System	12-Aug-19
BART	AG HORSE BARN	Repair stalls	Damage/Wear-out	Specialties	12-Aug-19
BART	AG HORSE BARN	Add heat unit to south room	Building Enhancements	Site	12-Aug-19

BART	AG HORSE BARN	Repair roof girder	Damage/Wear-out	Roof System	12-Aug-19
BART	AG HORSE BARN	Replace exterior doors	null	Envelope	12-Aug-19
BART	AG HORSE BARN	Investigate drainage around site	Damage/Wear-out	Site	12-Aug-19
BART	AG HORSE BARN	Replace all siding on buiding	Damage/Wear-out	Envelope	12-Aug-19
BART	MILLER LIVESTOCK PAVILLION	Replace exterior sliding doors	Damage/Wear-out	Envelope	1-Apr-21
BART	MILLER LIVESTOCK PAVILLION	Regrade west side annually	Damage/Wear-out	Floor System	1-Apr-21
BART	MILLER LIVESTOCK PAVILLION	Replace entrance door	Damage/Wear-out	Envelope	1-Apr-21
BART	MILLER LIVESTOCK PAVILLION	Resurface pathways to prevent slip hazards	Damage/Wear-out	Floor System	1-Apr-21
BART	SWINE TEST CENTER	Removal Requested	Damage/Wear-out	Site	12-Aug-19
BART	COLD STORAGE QUONSET	Repaint exterior siding	Damage/Wear-out	Finishes	12-Aug-19
BART	COLD STORAGE QUONSET	Repair or replace exterior doors	Damage/Wear-out	Envelope	12-Aug-19
BART	COLD STORAGE QUONSET	Repair electrical distribution	Damage/Wear-out	Electrical System	12-Aug-19
BART	COLD STORAGE QUONSET	Demolish requested	Damage/Wear-out	Site	12-Aug-19
BART	AG ARTIFICIAL INSEMINATION & CLASSROOM	Replace transparent siding	Damage/Wear-out	Envelope	1-Apr-21
BART	AG ARTIFICIAL INSEMINATION & CLASSROOM	Rebuild dividing wall between stall and classroom	Damage/Wear-out	Floor System	1-Apr-21
BART	AG ARTIFICIAL INSEMINATION & CLASSROOM	Improve footing	Damage/Wear-out	Floor System	12-Aug-19
BART	AG ARTIFICIAL INSEMINATION & CLASSROOM	Add heating system in classroom space	Building Enhancements	HVAC	1-Apr-21
BART	AG ARTIFICIAL INSEMINATION & CLASSROOM	Replace overhead door	Damage/Wear-out	Envelope	1-Apr-21
BART	AG ARTIFICIAL INSEMINATION & CLASSROOM	Pressure wash and paint interior of classroom	Damage/Wear-out	Finishes	1-Apr-21
BART	AG ARTIFICIAL INSEMINATION & CLASSROOM	Insulate classroom	Environmental Improvements	Site	1-Apr-21
BART	AG ARTIFICIAL INSEMINATION & CLASSROOM	Investigate corral drainage	Safety	Site	1-Apr-21
BART	AG ARTIFICIAL INSEMINATION & CLASSROOM	Replace south exterior classroom wall	Damage/Wear-out	Site	1-Apr-21
BART	OSCAR THOMAS NUTRITION CENTER	Replace damaged exterior metal panel siding	Damage/Wear-out	Envelope	12-Aug-19
BART	OSCAR THOMAS NUTRITION CENTER	Replace exterior overhead doors	Damage/Wear-out	Envelope	12-Aug-19
BART	OSCAR THOMAS NUTRITION CENTER	Insulate piping	Damage/Wear-out	Plumbing System	21-Jun-19
BART	OSCAR THOMAS NUTRITION CENTER	Nutrition center lab renovation	Building Enhancements	Site	14-Jan-22
BART	OSCAR THOMAS NUTRITION CENTER	Restroom upgrades	Damage/Wear-out	Plumbing System	12-Aug-19
BART	AG LITTLE WORKING FACILITY	Demolition Requested	null	null	16-Jun-23
BART	CALVING BUILDING #2	Regrade	Damage/Wear-out	Floor System	16-Jun-23
BART	CALVING BUILDING #2	Repair corrals	Damage/Wear-out	Specialties	12-Aug-19
BART	CALVING BUILDING #2	Damaged siding	Damage/Wear-out	Envelope	12-Aug-19
BART	CALVING BUILDING #2	Add LED lighting	Building Enhancements	Electrical System	23-Jun-23
BART	CALVING BUILDING #2	Replace waterer	Damage/Wear-out	Plumbing System	23-Jun-23
BART	CALVING BUILDING #2	Replace Fascia/Soffit	Damage/Wear-out	Envelope	23-Jun-23
BART	CALVING BUILDING #2	Prep/paint structural steel	Damage/Wear-out	Envelope	23-Jun-23
BART	CALVING BUILDING #2	Repair Roof	Damage/Wear-out	Roof System	23-Jun-23
BART	GIRVIN FARM GRANARY	Demolish	Damage/Wear-out	Site	12-Aug-19
BART	AG FEED MILL	Remove / Demolish	Safety	Site	1-Apr-21
BART	SHED	Removal Requested	null	null	23-Jun-23
BART Fort Ellis	RESEARCH SHEEP SHED & SHOP	Replace metal roof	Damage/Wear-out	Roof System	12-Aug-19
BART Fort Ellis	RESEARCH SHEEP SHED & SHOP	Upgrade electrical power	Damage/Wear-out	Electrical System	1-Apr-21
BART Fort Ellis	RESEARCH SHEEP SHED & SHOP	Investigate structural issues	Damage/Wear-out	Site	12-Aug-19
BART Fort Ellis	RAM TEST SHED	Investigate structural issues	Damage/Wear-out	Site	12-Aug-19
BART Fort Ellis	RAM TEST SHED	Replace gates	Damage/Wear-out	Site	12-Aug-19
BART Fort Ellis	SHEEP SHELTER	Paint exterior siding	Damage/Wear-out	Envelope	12-Aug-19
BART Fort Ellis	STORAGE (WAS GRANARY)	Replace exterior doors	Damage/Wear-out	Envelope	21-Jun-21

BART Fort Ellis	STORAGE (WAS GRANARY)	Improve site drainage away from building	Other	Site	12-Aug-19
BART Fort Ellis	STORAGE (WAS GRANARY)	Upgrade electrical power and lighting	Damage/Wear-out	Electrical System	21-Jun-21
BART Fort Ellis	GRAIN BIN	Inactive. Removal requested	Damage/Wear-out	Site	12-Aug-19
BART Fort Ellis	STORAGE	Replace metal roof	Damage/Wear-out	Roof System	12-Aug-19
BART Fort Ellis	STORAGE	Investigate cracks in foundation wall.	Damage/Wear-out	Foundations	21-Jun-19
BART Fort Ellis	SCALE HOUSE	Replace Exterior Doors	Damage/Wear-out	Envelope	12-Aug-19
BART Fort Ellis	SCALE HOUSE	Investigate Structural Issues	Damage/Wear-out	Site	12-Aug-19
BART Fort Ellis	SCALE HOUSE	Replace metal roof	Damage/Wear-out	Roof System	12-Aug-19
BART Fort Ellis	SCALE HOUSE	Repaint exterior siding	Damage/Wear-out	Envelope	12-Aug-19
BART Fort Ellis	SCALE HOUSE	Repair electrical distribution lines between bldgs	Damage/Wear-out	Electrical System	12-Aug-19
BART Fort Ellis	HORSE BARN/LAB	Paint Exterior Siding	Damage/Wear-out	Envelope	12-Aug-19
BART Fort Ellis	HORSE BARN/LAB	Replace exterior doors.	Damage/Wear-out	Envelope	12-Aug-19
BART Fort Ellis	HORSE BARN/LAB	Upgrade Lighting	Energy Conservation	Electrical System	12-Aug-19
BART Fort Ellis	HAY SHELTER (WEST)	Structural reinforcement	Safety	Site	12-Aug-19
BART Fort Ellis	RESIDENCE #1	Complete Building Renovation / Restoration	Damage/Wear-out	Site	27-Jan-22
BART Fort Ellis	RESIDENCE #1	Electrical Upgrades	Damage/Wear-out	Electrical System	27-Jan-22
BART Fort Ellis	RESIDENCE #1	Window Replacement	Damage/Wear-out	Electrical System	27-Jan-22
BART Fort Ellis	RESIDENCE #1	Foundation and basement excavation and repair	Damage/Wear-out	Foundations	27-Jan-22
BART Fort Ellis	RESIDENCE #1	Replace Supply, Waste & Fixtures	Damage/Wear-out	Plumbing System	27-Jan-22
BART Fort Ellis	RESIDENCE #1	Install new septic system and drainfield	Damage/Wear-out	Site	27-Jan-22
BART Fort Ellis	RESIDENCE #1	Replace roof covering	Damage/Wear-out	Roof System	27-Jan-22
BART Fort Ellis	RESIDENCE #1	Repair and Paint Exterior	Damage/Wear-out	Envelope	27-Jan-22
BART Fort Ellis	RESIDENCE #1	Repair interior walls systems and finishes	Damage/Wear-out	Finishes	27-Jan-22
BART Fort Ellis	RESIDENCE #1	Replace rear steps and deck.	Damage/Wear-out	Envelope	27-Jan-22
BART Fort Ellis	RESIDENCE #1	Replace flooring	Damage/Wear-out	Floor System	27-Jan-22
BART Fort Ellis	RESIDENCE #1	Investigate Egress Requirements	Codes/Standards	Safety System	27-Jan-22
BART Fort Ellis	RESIDENCE #1	Replace porch	Damage/Wear-out	Envelope	27-Jan-22
BART Fort Ellis	TWO CAR RESIDENT GARAGE	Replace Roof	Damage/Wear-out	Roof System	12-Aug-19
BART Fort Ellis	TWO CAR RESIDENT GARAGE	Paint exterior siding	Damage/Wear-out	Envelope	12-Aug-19
BART Fort Ellis	PUMP HOUSE	Repair walls	Damage/Wear-out	Envelope	12-Aug-19
BART Fort Ellis	PUMP HOUSE	Repair roof	Damage/Wear-out	Roof System	12-Aug-19
BART Fort Ellis	Residence #2	Repoint Chimney	Damage/Wear-out	Envelope	12-Aug-19
BART Fort Ellis	Residence #2	Replace siding and insulation	Damage/Wear-out	Envelope	12-Aug-19
BART Horticulture	HORT FARM METAL STORAGE SHED	Replace plastic envelope every 2-3 years.	null	null	26-Mar-21
BART Horticulture	HORT FARM FARM WOOD OFFICE	Replace fixed windows with operable windows	Environmental Improvements	Envelope	26-Mar-21
BART Horticulture	HORT FARM WOOD CHICKEN COOP	Demolish requested	Damage/Wear-out	Site	12-Aug-19
BART Horticulture	HORT FARM MOVEABLE GREENHOUSE	Replace plastic envelope every 2-3 years.	null	null	26-Mar-21
BART Horticulture	HORT FARM MOVEABLE GREENHOUSE	Replace plastic envelope every 2-3 years.	Damage/Wear-out	Envelope	26-Mar-21
BART Horticulture	HORT FARM MOVEABLE GREENHOUSE	Replace plastic envelope every 2-3 years.	null	null	26-Mar-21
BART Horticulture	HORT FARM MOVEABLE GREENHOUSES	Replace plastic envelope every 2-3 years	Damage/Wear-out	Envelope	26-Mar-21
BART Horticulture	HORT FARM PUMP HOUSE	Investigate Building Settlement	null	null	26-Mar-21
BART Horticulture	HORT FARM PUMP HOUSE	Replace building envelope	Damage/Wear-out	Envelope	26-Mar-21
BART Horticulture	HORT FARM PUMP HOUSE	Replace Building Roof	Damage/Wear-out	Envelope	26-Mar-21
BART Horticulture	HORT FARM MOVEABLE GREENHOUSES	Replace plastic envelope every 2-3 years.	Damage/Wear-out	Envelope	26-Mar-21
BART Horticulture	HORT FARM MOVEABLE GREENHOUSES	Replace plastic envelope every 2-3 years	Damage/Wear-out	Envelope	26-Mar-21
BART Lutz	LUTZ FARM RESIDENCE	Repair/Replace Siding	Damage/Wear-out	Envelope	15-May-23

BART Lutz	LUTZ FARM RESIDENCE	Replace Roof	Damage/Wear-out	Roof System	15-May-23
BART Lutz	LUTZ FARM RESIDENCE	Replace Soffit/Fascia	Damage/Wear-out	Envelope	15-May-23
BART Lutz	LUTZ FARM RESIDENCE	Replace Windows	Damage/Wear-out	Envelope	16-May-23
BART Lutz	WELL HOUSE	Replace Roof	Damage/Wear-out	Roof System	15-May-23
BART Lutz	LUTZ FARM GARAGE	Replace Roof	Damage/Wear-out	Roof System	22-Mar-21
BART Lutz	LUTZ FARM GARAGE	Replace siding	Damage/Wear-out	Envelope	16-May-23
BART Lutz	LUTZ FARM GARAGE	Replace Overhead Doors	Damage/Wear-out	Envelope	16-May-23
BART Lutz	LUTZ FARM GARAGE	Replace Man Door	Damage/Wear-out	Envelope	16-May-23
BART Lutz	COW BARN	Repaint as needed	Damage/Wear-out	Envelope	22-Mar-21
BART Lutz	COW BARN	Install sheeting on 2nd level end walls	Damage/Wear-out	Envelope	15-May-23
BART Lutz	LUTZ FARM MACHINE SHED #1	Replace Metal Siding	Damage/Wear-out	Envelope	16-May-23
BART Lutz	LUTZ FARM GRANARY	Investigate structural integrity of foundation.	Safety	Site	22-Mar-21
BART Lutz	LUTZ FARM OUTHOUSE	Repaint	Damage/Wear-out	Envelope	22-Mar-21
BART Lutz	Shed #2	Replace Roof	Damage/Wear-out	Roof System	15-May-23
BART Lutz	Shed #2	Repaint	Damage/Wear-out	Envelope	15-May-23
BART Post	POST FARM CHEM STOR/HNDLING FAC	Replace windows	Damage/Wear-out	Envelope	22-Mar-21
BART Post	POST FARM CHEM STOR/HNDLING FAC	Prep/Paint man doors	Damage/Wear-out	Envelope	16-May-23
BART Post	POST FARM CHEM STOR/HNDLING FAC	Replace Roof	Damage/Wear-out	Roof System	16-May-23
BART Post	POST FARM COMBINE/EQUIPMENT SHED	Replace overhead doors	Damage/Wear-out	Envelope	22-Mar-21
BART Post	POST FARM COMBINE/EQUIPMENT SHED	Replace Door Trim	Damage/Wear-out	Envelope	16-May-23
BART Post	POST FARM COMBINE/EQUIPMENT SHED	Replace Roof	Damage/Wear-out	Roof System	16-May-23
BART Post	POST FARM COMBINE/EQUIPMENT SHED	Replace Man Doors	Damage/Wear-out	Envelope	16-May-23
BART Post	POST FARM COMBINE/EQUIPMENT SHED	Re-Secure North End Wall Posts	Damage/Wear-out	Envelope	16-May-23
BART Post	POST FARM TRACTOR/MACHINE SHED	Replace Man Doors	Damage/Wear-out	Envelope	16-May-23
BART Post	POST FARM TRACTOR/MACHINE SHED	Replace Roof	Damage/Wear-out	Roof System	16-May-23
BART Post	POST FARM TRACTOR/MACHINE SHED	Install Trim on Doors	Damage/Wear-out	Envelope	16-May-23
BART Post	POST FARM TRACTOR/MACHINE SHED	Address water infiltration	Damage/Wear-out	Envelope	16-May-23
BART Post	POST FARM MACHINE STORAGE SHED	Reinforce posts	Damage/Wear-out	Envelope	22-Mar-21
BART Post	POST FARM MACHINE STORAGE SHED	Replace overhead door	Damage/Wear-out	Envelope	16-May-23
BART Post	POST FARM MACHINE STORAGE SHED	Replace Siding	Damage/Wear-out	Envelope	16-May-23
BART Post	POST FARM MACHINE STORAGE SHED	Replace Man Door	Damage/Wear-out	Envelope	16-May-23
BART Post	POST FARM MACHINE STORAGE SHED	Replace Roof	Damage/Wear-out	Roof System	16-May-23
BART Post	POST FARM AG ENGINEERING SHOP BUILDING	Replace Overhead Door	Damage/Wear-out	Envelope	16-May-23
BART Post	POST FARM AG ENGINEERING SHOP BUILDING	Replace Roof	Damage/Wear-out	Roof System	16-May-23
BART Post	POST FARM AG ENGINEERING SHOP BUILDING	Replace Siding	Damage/Wear-out	Envelope	16-May-23
BART Post	POST FARM AG ENGINEERING SHOP BUILDING	Replace old electrical panels	Damage/Wear-out	Electrical System	16-May-23
BART Post	POST FARM AG ENGINEERING SHOP BUILDING	Replace lighting	Damage/Wear-out	Electrical System	16-May-23
BART Post	POST FARM STORAGE SHED	Replace Siding	Damage/Wear-out	Envelope	16-May-23
BART Post	POST FARM STORAGE SHED	Replace Roof	Damage/Wear-out	Roof System	16-May-23
BART Post	POST FARM SEED PLANT	Regrade and gravel to improve drainage.	Damage/Wear-out	Site	12-Aug-19
BART Post	POST FARM SEED PLANT	Replace Roof	Damage/Wear-out	Roof System	16-May-23
BART Post	POST FARM SEED PLANT	Upgrade Electrical	Building Enhancements	Electrical System	16-May-23
BART Post	POST FARM SEED PLANT	Monitor Posts on Lean-to	Damage/Wear-out	Envelope	16-May-23
BART Post	SEED STORAGE	Replace Roof	Damage/Wear-out	Roof System	16-May-23
BART Post	POST FARM WEATHER STATION	Replace Door	Damage/Wear-out	Envelope	12-Aug-19
BART Post	POST FARM SHOP BUILDING	Replace Roof	Damage/Wear-out	Roof System	16-May-23

BART Post	POST FARM SHOP BUILDING	Replace overhead heaters	Building Enhancements	HVAC	16-May-23
BART Post	POST FARM FUEL TANK	Replace gas pump and diesel pump.	Damage/Wear-out	Site	22-Mar-21
BART Post	CHEMICAL SHED	Enclose holding tank	Codes/Standards	Plumbing System	22-Mar-21
BART Post	CHEMICAL SHED	Install heat tape on piping	Damage/Wear-out	Plumbing System	16-May-23
BART Post	CHEMICAL SHED	Repair Soffit on Drive Through	Damage/Wear-out	Envelope	16-May-23
BART Post	BART POST AGRONOMY SHED	Add electricity	Building Enhancements	Electrical System	22-Mar-21
BART Post	BART POST AGRONOMY SHED	Repair Siding	Damage/Wear-out	Envelope	16-May-23
BART Red Bluff	SHOP	Replace weather stripping on exterior man-doors	Codes/Standards	Envelope	12-Aug-19
BART Red Bluff	SHOP	Replace exterior hose bibs (not working, qty 3))	Damage/Wear-out	Plumbing System	30-Mar-21
BART Red Bluff	SHOP	Monitor condition of warping lean-to cross beam.	Damage/Wear-out	Site	30-Mar-21
BART Red Bluff	SHOP	Investigate solutions to clear bird nests.	Other	Site	30-Mar-21
BART Red Bluff	SHOP	Stain exterior beams as needed.	Damage/Wear-out	Envelope	12-Aug-19
BART Red Bluff	SHOP	Replace light	Damage/Wear-out	Envelope	31-May-23
BART Red Bluff	SHOP	Prep/Paint Interior	Damage/Wear-out	Envelope	31-May-23
BART Red Bluff	SHOP	Replace interior/exterior doors/frames	Damage/Wear-out	Envelope	31-May-23
BART Red Bluff	BOTTOM HOPPER BINS	Remove concrete slabs when owner takes bin.	Other	Foundations	12-Aug-19
BART Red Bluff	RESIDENCE #1	Add water softener	Codes/Standards	Plumbing System	30-Mar-21
BART Red Bluff	RESIDENCE #1	Retain structural beams on porches as needed.	Damage/Wear-out	Envelope	12-Aug-19
BART Red Bluff	RESIDENCE #1	Repair soffit - damaged by wind	Damage/Wear-out	Roof System	31-May-23
BART Red Bluff	RESIDENCE #1	Repair/Replace supply piping damage	Damage/Wear-out	Plumbing System	30-Mar-21
BART Red Bluff	RESIDENCE #1	replace screen door	Damage/Wear-out	Envelope	31-May-23
BART Red Bluff	RESIDENCE #1	repair siding	Damage/Wear-out	Envelope	31-May-23
BART Red Bluff	RESIDENCE #1	monitor lifting shingles	Damage/Wear-out	Roof System	31-May-23
BART Red Bluff	RESIDENCE #1	repaint posts	Damage/Wear-out	Envelope	31-May-23
BART Red Bluff	RESIDENCE #1	re-attach shingles	Damage/Wear-out	Roof System	31-May-23
BART Red Bluff	GARAGE #1	Replace garage man door/frame	Damage/Wear-out	Envelope	31-May-23
BART Red Bluff	MIXING BARN #2	Add ~8-10 ft deep lean-to on west side	Codes/Standards	Roof System	30-Mar-21
BART Red Bluff	MIXING BARN #2	Add water hydrant on south end	Building Enhancements	Plumbing System	30-Mar-21
BART Red Bluff	MIXING BARN #2	Regrade exterior with positive slope	Damage/Wear-out	Foundations	12-Aug-19
BART Red Bluff	MIXING BARN #2	Add electrical outlets (qty 2) and light interior	Building Enhancements	Electrical System	30-Mar-21
BART Red Bluff	MIXING BARN #2	repair drip edges above doors	Damage/Wear-out	Envelope	31-May-23
BART Red Bluff	MIXING BARN #2	repair lifting roof trim	Damage/Wear-out	Roof System	31-May-23
BART Red Bluff	MIXING BARN	Replace exterior sliding doors	Damage/Wear-out	Envelope	12-Aug-19
BART Red Bluff	MIXING BARN	Replace deteriorating structural posts	Damage/Wear-out	Envelope	12-Aug-19
BART Red Bluff	MIXING BARN	Replace metal roof (100ft long)	Damage/Wear-out	Roof System	12-Aug-19
BART Red Bluff	MIXING BARN	Repaint exterior or replace with metal siding.	Damage/Wear-out	Envelope	12-Aug-19
BART Red Bluff	MIXING BARN	Investigate/Repair structural issues	Damage/Wear-out	Site	12-Aug-19
BART Red Bluff	MIXING BARN	Repair hydrant in SW corner (not working)	Damage/Wear-out	Plumbing System	12-Aug-19
BART Red Bluff	MIXING BARN	Replace exterior windows	Damage/Wear-out	Envelope	12-Aug-19
BART Red Bluff	MIXING BARN	Replace exterior stock doors	Damage/Wear-out	Envelope	12-Aug-19
BART Red Bluff	MIXING BARN	Consider replacement with pole barn	Other	Site	30-Mar-21
BART Red Bluff	SHEEP OFFICE	Replace windows (qty 2)	Damage/Wear-out	Envelope	12-Aug-19
BART Red Bluff	SHEEP OFFICE	Investigate/Repair water damage on ceiling	Damage/Wear-out	Finishes	12-Aug-19
BART Red Bluff	SHEEP OFFICE	Repaint exterior man-door trim.	Damage/Wear-out	Envelope	31-May-23
BART Red Bluff	SHEEP OFFICE	Add gutters/down spouts on east and west side	Building Enhancements	Roof System	12-Aug-19
BART Red Bluff	SHEEP OFFICE	Prep/Paint Exterior soffit and fasica	Damage/Wear-out	Envelope	31-May-23

BART Red Bluff	LAMBING BARN	Replace exterior doors with overhead (10x15ft)	Damage/Wear-out	Envelope	30-Mar-21
BART Red Bluff	LAMBING BARN	Repair exterior metal siding.	Damage/Wear-out	Envelope	12-Aug-19
BART Red Bluff	LAMBING BARN	Add exterior flood lights at each door (qty 4)	Environmental Improvements	Electrical System	30-Mar-21
BART Red Bluff	LAMBING BARN	Construct lean-to at each door to divert snow fall	Building Enhancements	Roof System	12-Aug-19
BART Red Bluff	LAMBING BARN	Upgrade electrical system (outlets do not work)	Damage/Wear-out	Electrical System	12-Aug-19
BART Red Bluff	LAMBING BARN	Investigate repair exterior wooden base-boards.	Damage/Wear-out	Envelope	12-Aug-19
BART Red Bluff	LAMBING BARN	Repair ceiling vents (not operable)	Damage/Wear-out	HVAC	12-Aug-19
BART Red Bluff	LAMBING BARN	Add gable vents on North and South sides	Building Enhancements	HVAC	30-Mar-21
BART Red Bluff	LAMBING BARN	Replace metal roof covering	Damage/Wear-out	Roof System	31-May-23
BART Red Bluff	LAMBING BARN	Repair and improve access to storage loft	Damage/Wear-out	Floor System	12-Aug-19
BART Red Bluff	LAMBING BARN	Add metal gates to east doors	Building Enhancements	Specialties	30-Mar-21
BART Red Bluff	LAMBING BARN	Prep/Paint Exterior wood/doors/frames	Damage/Wear-out	Envelope	31-May-23
BART Red Bluff	LAMBING BARN	repair holes in siding	Damage/Wear-out	Envelope	31-May-23
BART Red Bluff	LAMBING BARN	repair drip edges above doors	Damage/Wear-out	Envelope	31-May-23
BART Red Bluff	CALVING BARN	Replace NW and SE sliding doors with overhead	Building Enhancements	Envelope	30-Mar-21
BART Red Bluff	CALVING BARN	Construct lean-to over all exterior doors	Building Enhancements	Roof System	30-Mar-21
BART Red Bluff	CALVING BARN	Rebuild pens with continuous 5 rails (800ft)	Damage/Wear-out	Site	30-Mar-21
BART Red Bluff	CALVING BARN	Replace water tanks (qty 2)	Damage/Wear-out	Plumbing System	30-Mar-21
BART Red Bluff	CALVING BARN	Repair siding	Damage/Wear-out	Envelope	31-May-23
BART Red Bluff	FIELD SHED #3	Demolish	Damage/Wear-out	Site	12-Aug-19
BART Red Bluff	RESIDENCE #2	Add water softener	Codes/Standards	Plumbing System	30-Mar-21
BART Red Bluff	RESIDENCE #2	Caulk siding where repaired on NE side	Other	Envelope	12-Aug-19
BART Red Bluff	RESIDENCE #2	Repaint structural deck posts/beams	Damage/Wear-out	Envelope	12-Aug-19
BART Red Bluff	RESIDENCE #2	Replace Trex on deck	Damage/Wear-out	Floor System	31-May-23
BART Red Bluff	RESIDENCE #2	Replace missing siding	Damage/Wear-out	Envelope	31-May-23
BART Red Bluff	RESIDENCE #2	Add insulation or increase furnace size	Energy Conservation	HVAC	31-May-23
BART Red Bluff	RESIDENCE #2	Repair damaged down spout	Damage/Wear-out	Envelope	31-May-23
BART Red Bluff	RESIDENCE #2	Replace siding	Damage/Wear-out	Envelope	31-May-23
BART Red Bluff	RESIDENCE #2	Replace missing shingles on roof	Damage/Wear-out	Roof System	31-May-23
BART Red Bluff	GARAGE #2	Replace missing fascia	Damage/Wear-out	Envelope	31-May-23
BART Red Bluff	FIELD SHED #4	Demolish	Damage/Wear-out	Site	12-Aug-19
BART Red Bluff	FIELD SHED #5	Demolish	Other	Site	12-Aug-19
BART Red Bluff	COW BARN (STONE)	Demolish	Damage/Wear-out	Site	12-Aug-19
BART Red Bluff	Shed	Replace (add) roof.	Damage/Wear-out	Roof System	30-Mar-21
CARC	POLE MACHINE STORAGE SHED	Repair siding and wood trim	Damage/Wear-out	Envelope	12-Jun-23
CARC	POLE MACHINE STORAGE SHED	Replace overhead door	Damage/Wear-out	Envelope	12-Aug-19
CARC	POLE MACHINE STORAGE SHED	Repair Roof	Damage/Wear-out	Roof System	12-Jun-23
CARC	POLE MACHINE STORAGE SHED	Repair Facia	Damage/Wear-out	Envelope	12-Jun-23
CARC	POLE MACHINE STORAGE SHED	Add concrete slab upon entry	Building Enhancements	Floor System	12-Jun-23
CARC	STORAGE SHED/CAR GARAGE	Repaint/recaulk wood trim	Damage/Wear-out	Envelope	12-Jun-23
CARC	STORAGE SHED/CAR GARAGE	repair siding	Damage/Wear-out	Envelope	9-Jun-23
CARC	STORAGE SHED/CAR GARAGE	Replace roof	Damage/Wear-out	Roof System	12-Jun-23
CARC	HOUSE	Monitor deteriorating foundation wall.	Damage/Wear-out	Foundations	12-Jun-23
CARC	HOUSE	Add soffit vents	Building Enhancements	HVAC	12-Aug-19
CARC	HOUSE	Replace exterior siding.	Damage/Wear-out	Envelope	9-Jun-23
CARC	HOUSE	Replace gutters	Damage/Wear-out	Roof System	12-Aug-19

CARC	HOUSE	Add Wifi to building	Building Enhancements	Specialties	15-Mar-21
CARC	HOUSE	Repaint wood trim, soffit, fascia	Damage/Wear-out	Envelope	12-Jun-23
CARC	SEED PROCESSING PLANT	Replace roof	Damage/Wear-out	Roof System	12-Jun-23
CARC	SEED PROCESSING PLANT	Replace damaged metal siding on east side	Damage/Wear-out	Envelope	12-Aug-19
CARC	IMPLEMENT SHED	Add snow and ice guards	Building Enhancements	Roof System	12-Aug-19
CARC	IMPLEMENT SHED	Siding Repair	Damage/Wear-out	Envelope	9-Jun-23
CARC	IMPLEMENT SHED	Repair Roof	Damage/Wear-out	Roof System	12-Jun-23
CARC	IMPLEMENT SHED	Monitor South Bay door	Other	Envelope	12-Jun-23
CARC	CHEMICAL STORAGE/HANDLING FACILITY	Replace wood trim and replace siding	Damage/Wear-out	Envelope	12-Jun-23
CARC	CHEMICAL STORAGE/HANDLING FACILITY	Replace Roof	Damage/Wear-out	Roof System	12-Jun-23
CARC	ANALYTICAL RESEARCH LAB (DAIRY BARN)	Repoint masonry at chimney	Damage/Wear-out	Envelope	12-Jun-23
CARC	ANALYTICAL RESEARCH LAB (DAIRY BARN)	Add air conditioning	Environmental Improvements	HVAC	18-Jan-22
CARC	ANALYTICAL RESEARCH LAB (DAIRY BARN)	Repair roof	Damage/Wear-out	Roof System	12-Jun-23
CARC	ANALYTICAL RESEARCH LAB (DAIRY BARN)	Repaint wood trim	Damage/Wear-out	Envelope	12-Jun-23
CARC	ANALYTICAL RESEARCH LAB (DAIRY BARN)	Repair south man door	Damage/Wear-out	Envelope	12-Jun-23
CARC	WELL HOUSE	Replace Deteriorated Wood Shingle Roof	Damage/Wear-out	Roof System	12-Jun-23
CARC	WELL HOUSE	Add heater	Building Enhancements	HVAC	12-Jun-23
CARC	WELL HOUSE	Repair siding and repaint	Damage/Wear-out	Envelope	12-Jun-23
CARC	OFFICE	Repaint and recaulk envelope	Damage/Wear-out	Envelope	12-Aug-19
CARC	OFFICE	Repair roof	Damage/Wear-out	Roof System	12-Jun-23
CARC	OFFICE	Repair siding	Damage/Wear-out	Envelope	12-Jun-23
CARC	PESTICIDE HANDLING FACILITY/SHOP	Repair siding	Damage/Wear-out	Envelope	12-Jun-23
CARC	PESTICIDE HANDLING FACILITY/SHOP	Monitor foundation settlement	Damage/Wear-out	Foundations	12-Aug-19
CARC	PESTICIDE HANDLING FACILITY/SHOP	Repair roof	Damage/Wear-out	Roof System	12-Jun-23
CARC	REPAIR SHOP	Repair roof	Damage/Wear-out	Roof System	12-Jun-23
CARC	REPAIR SHOP	Repair/Repaint siding	Damage/Wear-out	Envelope	12-Jun-23
CARC	SISTERN	Investigate break in sistern	Damage/Wear-out	Site	12-Aug-19
CARC	SEED PROCESSING LAB	Add heating on second floor.	Environmental Improvements	HVAC	15-Mar-21
CARC	SEED PROCESSING LAB	Add Security lighting	Building Enhancements	Electrical System	9-Jun-23
CARC	SEED PROCESSING LAB	Repair roof	Damage/Wear-out	Roof System	12-Jun-23
CARC	SEED PROCESSING LAB	Repair Siding	Damage/Wear-out	Envelope	12-Jun-23
EARC	FOUNDATION SEED STORAGE	Investigate adding electricity	Building Enhancements	Electrical System	16-Mar-21
EARC	FOUNDATION SEED STORAGE	Repair bay door trim	Damage/Wear-out	Envelope	10-Jul-23
EARC	FOUNDATION SEED STORAGE	Repair facsia and underlying damaged/rotten wood	Damage/Wear-out	Envelope	10-Jul-23
EARC	FOUNDATION SEED STORAGE	Repair Siding	Damage/Wear-out	Envelope	10-Jul-23
EARC	HUBER SEED CLEANING/PROCESSING/PACKAGING SH	Replace weatherstripping at overhead doors	Damage/Wear-out	Envelope	12-Aug-19
EARC	HUBER SEED CLEANING/PROCESSING/PACKAGING SH	Add central fan	Environmental Improvements	HVAC	12-Aug-19
EARC	HUBER SEED CLEANING/PROCESSING/PACKAGING SH	Add additional bay to east end for more storage.	Building Enhancements	Site	16-Mar-21
EARC	HUBER SEED CLEANING/PROCESSING/PACKAGING SH	Repair gutters	Damage/Wear-out	Envelope	10-Jul-23
EARC	HUBER SEED CLEANING/PROCESSING/PACKAGING SH	Repair damaged siding on W side	Damage/Wear-out	Envelope	10-Jul-23
EARC	GRANARY/GRINDING/DRYING LAB	Replace Roof	Damage/Wear-out	Roof System	10-Jul-23
EARC	GRANARY/GRINDING/DRYING LAB	Repair building envelope (Windows, metal trim)	Damage/Wear-out	Envelope	16-Mar-21
EARC	MACHINERY SHED	Add interior LED lighting	Building Enhancements	Electrical System	16-Mar-21
EARC	MACHINERY SHED	Replace roof	Damage/Wear-out	Roof System	10-Jul-23
EARC	MACHINERY SHED	Replace siding	Damage/Wear-out	Envelope	10-Jul-23
EARC	MACHINERY SHED	Replace windows	Damage/Wear-out	Envelope	10-Jul-23

EARC	COLD STORAGE	Add man door.	Building Enhancements	Envelope	10-Jul-23
EARC	COLD STORAGE	Replace windows S end	Damage/Wear-out	Envelope	10-Jul-23
EARC	COLD STORAGE	Repair/Repaint wood trim and siding	Damage/Wear-out	Envelope	10-Jul-23
EARC	COLD STORAGE	Monitor foundation cracking on E side	Damage/Wear-out	Foundations	10-Jul-23
EARC	SUPERITENDENT RESIDENCE	Investigate rewire of house.	Damage/Wear-out	Electrical System	10-Jul-23
EARC	SUPERITENDENT RESIDENCE	Add railing at front entrance steps	null	null	16-Mar-21
EARC	SUPERITENDENT RESIDENCE	Repair fascia	Damage/Wear-out	Envelope	10-Jul-23
EARC	MODULAR RESIDENCE	Replace exterior siding w/ aluminum.	Damage/Wear-out	Envelope	16-Mar-21
EARC	MODULAR RESIDENCE	Repair skirting	Damage/Wear-out	Envelope	10-Jul-23
EARC	MODULAR RESIDENCE	Repair/Replace roof	Damage/Wear-out	Roof System	10-Jul-23
EARC	CHEM STORE/HANDLING FACILITY	Repair siding at garage door	Damage/Wear-out	Envelope	10-Jul-23
EARC	CHEM STORE/HANDLING FACILITY	Repaint wood trim	Damage/Wear-out	Envelope	10-Jul-23
EARC	FOREMAN RESIDENCE	Replace exterior deck and overhang.	Damage/Wear-out	Envelope	16-Mar-21
EARC	FOREMAN RESIDENCE	Regrade and surround building with gravel	Damage/Wear-out	Foundations	16-Mar-21
EARC	FOREMAN RESIDENCE	Replace sliding door on deck	Damage/Wear-out	Envelope	16-Mar-21
EARC	FOREMAN RESIDENCE	Replace ridge vent	Damage/Wear-out	Roof System	10-Jul-23
EARC	FOREMAN RESIDENCE	Repaint siding	Damage/Wear-out	Envelope	10-Jul-23
EARC	FOREMAN RESIDENCE	Replace garage door	Damage/Wear-out	Envelope	10-Jul-23
EARC	FOREMAN RESIDENCE	Seal foundation	Damage/Wear-out	Foundations	10-Jul-23
EARC	MACHINE STORAGE	Replace window panels (qty 10)	Damage/Wear-out	Envelope	16-Mar-21
EARC	MACHINE STORAGE	Repair/Replace siding	Damage/Wear-out	Envelope	10-Jul-23
EARC	MACHINE STORAGE	Repair ridge cap	Damage/Wear-out	Roof System	10-Jul-23
EARC	MACHINE STORAGE	Replace lighting with LED	Energy Conservation	Electrical System	10-Jul-23
EARC	MACHINE STORAGE SHED	Removal requested.	Damage/Wear-out	Site	12-Aug-19
EARC	GAS TANKS	Construct bollards around perimeter of tanks	Other	Site	12-Aug-19
EARC	MAIN OFFICE - LAB CLSRMS, MTG RM, LABS, GRNHS	Check warranty of boiler. Increase size	Damage/Wear-out	HVAC	10-Jul-23
EARC	MAIN OFFICE - LAB CLSRMS, MTG RM, LABS, GRNHS	Repair leak above boiler	Damage/Wear-out	Finishes	10-Jul-23
EARC	MAIN OFFICE - LAB CLSRMS, MTG RM, LABS, GRNHS	Insulate door to mechanical room	Energy Conservation	Finishes	10-Jul-23
EARC	MAIN OFFICE - LAB CLSRMS, MTG RM, LABS, GRNHS	Update fixtures to low flow/ADA appropriate	Codes/Standards	Plumbing System	10-Jul-23
EARC	MAIN OFFICE - LAB CLSRMS, MTG RM, LABS, GRNHS	Replace/repair roof	Damage/Wear-out	Roof System	10-Jul-23
EARC	MAIN OFFICE - LAB CLSRMS, MTG RM, LABS, GRNHS	Replace/Repair ceiling grid	Damage/Wear-out	Finishes	10-Jul-23
EARC	MAIN OFFICE - LAB CLSRMS, MTG RM, LABS, GRNHS	Repaint entrance beams	Damage/Wear-out	Envelope	10-Jul-23
EARC	MAIN OFFICE - LAB CLSRMS, MTG RM, LABS, GRNHS	Replace generator w/ larger capacity & auto on/off	Building Enhancements	Electrical System	10-Jul-23
EARC	MACHINE SHED	Add electrical supply to shop	Building Enhancements	Electrical System	12-Aug-19
EARC	MACHINE SHED	Add water supply for chemical mixing.	Safety	Plumbing System	16-Mar-21
NARC	MACHINE/STORAGE SHED	Fill interior with gravel footing	Damage/Wear-out	Floor System	17-Mar-21
NARC	MACHINE/STORAGE SHED	Replace weather stripping	Damage/Wear-out	Envelope	12-Aug-19
NARC	MULTIPURPOSE SHOP/OFFICE/BREAKROOM	White appoxy flooring needed	Building Enhancements	Finishes	12-Aug-19
NARC	MULTIPURPOSE SHOP/OFFICE/BREAKROOM	Man lift needed in this facility	Building Enhancements	Site	12-Aug-19
NARC	MULTIPURPOSE SHOP/OFFICE/BREAKROOM	Repair roof leak	Damage/Wear-out	Roof System	23-Jun-23
NARC	MULTIPURPOSE SHOP/OFFICE/BREAKROOM	Monitor concrete at entries and walkway	Damage/Wear-out	Foundations	23-Jun-23
NARC	MULTIPURPOSE SHOP/OFFICE/BREAKROOM	Repair door deals	Damage/Wear-out	Finishes	23-Jun-23
NARC	MULTIPURPOSE SHOP/OFFICE/BREAKROOM	Upgrade LED lighting	Environmental Improvements	Electrical System	23-Jun-23
NARC	OFFICE & SEED LAB	Add Ice Dams to Roof	Safety	Roof System	17-Mar-21
NARC	OFFICE & SEED LAB	Roof leaks - reseal roof	Damage/Wear-out	Roof System	23-Jun-23
NARC	SOILS LAB	Repair masonry	Damage/Wear-out	Envelope	23-Jun-23

NARC	SOILS LAB	Replace roof	Damage/Wear-out	Roof System	23-Jun-23
NARC	SEED HOUSE/GUARD HOUSE	Repair masonry	Damage/Wear-out	Envelope	23-Jun-23
NARC	SEED HOUSE/GUARD HOUSE	Replace roof	Damage/Wear-out	Roof System	23-Jun-23
NARC	SEED HOUSE/GUARD HOUSE	Repair/replace porch	Damage/Wear-out	Finishes	23-Jun-23
NARC	SEED HOUSE/GUARD HOUSE	Paint all wood trim/siding	Damage/Wear-out	Envelope	23-Jun-23
NARC	OFFICE	Replace roof covering	Damage/Wear-out	Roof System	12-Aug-19
NARC	OFFICE	Add Storm Windows	Energy Conservation	Envelope	17-Mar-21
NARC	OFFICE	Masonry repoint/repair	Damage/Wear-out	Envelope	23-Jun-23
NARC	SIX UNIT APT	Repair/replace exterior wood trim and gutters	Damage/Wear-out	Envelope	17-Mar-21
NARC	SIX UNIT APT	Replace Roof	Damage/Wear-out	Roof System	17-Mar-21
NARC	SIX UNIT APT	Repair/repoint exterior masonry	Damage/Wear-out	Envelope	12-Aug-19
NARC	SIX UNIT APT	Replace gutters	Damage/Wear-out	Roof System	12-Aug-19
NARC	SIX UNIT APT	Replace windows and hardware	Damage/Wear-out	Envelope	12-Aug-19
NARC	PUMP HOUSE	Removal requested and replace with new structure	Damage/Wear-out	Site	17-Mar-21
NARC	PUMP HOUSE	Brace foundation	Damage/Wear-out	Foundations	17-Mar-21
NARC	MACHINE SHED & OLD SHOP	Replace metal roof	Damage/Wear-out	Roof System	12-Aug-19
NARC	MACHINE SHED & OLD SHOP	Replace north overhead doors	Damage/Wear-out	Envelope	17-Mar-21
NARC	MACHINE SHED & OLD SHOP	Upgrade electrical system	Damage/Wear-out	Electrical System	12-Aug-19
NARC	MACHINE SHED & OLD SHOP	Replace furnace	Damage/Wear-out	HVAC	12-Aug-19
NARC	MACHINE SHED & OLD SHOP	Repair / Replace Sliding Ext. Door	Damage/Wear-out	Envelope	17-Mar-21
NARC	MACHINE SHED & OLD SHOP	Repair masonry on East wall	Damage/Wear-out	Envelope	23-Jun-23
NARC	MACHINE SHED & OLD SHOP	Replace man doors	Damage/Wear-out	Finishes	23-Jun-23
NARC	MACHINE SHED & OLD SHOP	Paint all wood trim	Damage/Wear-out	Envelope	23-Jun-23
NARC	N DUPLEX APT 7 & 8	Replace wood trim and fascia	Damage/Wear-out	Envelope	17-Mar-21
NARC	N DUPLEX APT 7 & 8	Replace roof	Damage/Wear-out	Roof System	12-Aug-19
NARC	N DUPLEX APT 7 & 8	Replace windows and hardware	Damage/Wear-out	Envelope	12-Aug-19
NARC	N DUPLEX APT 7 & 8	Investigate structural condition	Other	Site	12-Aug-19
NARC	N DUPLEX APT 7 & 8	Replace wooden gutters	Damage/Wear-out	Roof System	17-Mar-21
NARC	N DUPLEX APT 7 & 8	Repair/replace front porch	Damage/Wear-out	Envelope	12-Aug-19
NARC	N DUPLEX APT 7 & 8	Re-point/refinish exterior masonry	Damage/Wear-out	Envelope	12-Aug-19
NARC	Valve House	Removal requested and replace with new structure	Damage/Wear-out	Site	12-Aug-19
NARC	Equipment Storage	Replace roof	Damage/Wear-out	Roof System	23-Jun-23
NARC	Equipment Storage	Repair masonry	Damage/Wear-out	Envelope	23-Jun-23
NARC	Equipment Storage	Replace doors	Damage/Wear-out	Finishes	23-Jun-23
NARC	Equipment Storage	Replace windows	Damage/Wear-out	Finishes	23-Jun-23
NARC	UPPER CALVING BARN	Replace exterior door seals	Damage/Wear-out	Envelope	12-Aug-19
NARC	UPPER CALVING BARN	Repair ridge cap	Damage/Wear-out	Roof System	23-Jun-23
NARC	UPPER CALVING BARN	Insulate vehicle storage bay	Building Enhancements	Finishes	23-Jun-23
NARC	CATTLE RESEARCH SCALE HOUSE	Remove spray foam from ridge vent	Energy Conservation	Finishes	23-Jun-23
NARC	CATTLE RESEARCH SCALE HOUSE	Repair/Replace siding	Damage/Wear-out	Envelope	23-Jun-23
NARC	CATTLE RESEARCH SCALE HOUSE	repair gutters	Damage/Wear-out	Roof System	23-Jun-23
NARC	BULL BARN	Paint exterior	Damage/Wear-out	Envelope	12-Aug-19
NARC	BULL BARN	Upgrade Electrical	Damage/Wear-out	Electrical System	17-Mar-21
NARC	BULL BARN	Roof	Damage/Wear-out	Roof System	23-Jun-23
NARC	RESEARCH STEER BARN	Replace corrugated metal roof	Damage/Wear-out	Roof System	12-Aug-19
NARC	RESEARCH STEER BARN	Paint exterior of old barn	Damage/Wear-out	Finishes	12-Aug-19

NARC	RESEARCH STEER BARN	Investigate structural repairs.	Damage/Wear-out	Site	12-Aug-19
NARC	RESEARCH STEER BARN	Demolish and replace west wing	Damage/Wear-out	Site	17-Mar-21
NARC	LIVING QTRS APT 9	Repair/replace/ refinish exterior wood trim	Damage/Wear-out	Envelope	12-Aug-19
NARC	LIVING QTRS APT 9	Repair wood gutter	Damage/Wear-out	Roof System	12-Aug-19
NARC	LIVING QTRS APT 9	Repair slate roofing	Damage/Wear-out	Roof System	17-Mar-21
NARC	LIVING QTRS APT 9	Replace windows and hardware	Damage/Wear-out	Envelope	23-Jun-23
NARC	LIVING QTRS APT 9	Masonry repair	Damage/Wear-out	Envelope	23-Jun-23
NARC	SUPPLEMENTAL FEED RESEARCH	Add Rubber Spray Around Exterior Base	Damage/Wear-out	Envelope	17-Mar-21
NARC	SUPPLEMENTAL FEED RESEARCH	Repair/Replace metal siding	Damage/Wear-out	Envelope	23-Jun-23
NARC	SUPPLEMENTAL FEED RESEARCH	Address drainage issues - install gutters	Damage/Wear-out	Envelope	23-Jun-23
NARC	GARAGE #1	Replace/repair floor structure and wood floor	Damage/Wear-out	Floor System	17-Mar-21
NARC	GARAGE #1	Replace windows, seals and hardware	Damage/Wear-out	Envelope	12-Aug-19
NARC	GARAGE #1	Repair/replace roof	Damage/Wear-out	Roof System	23-Jun-23
NARC	GROWSAFE FEEDING BINS & STRUCTURE	Add overhead covering.	Building Enhancements	null	23-Jun-23
NARC	GROWSAFE FEEDING BINS & STRUCTURE	Update electrical - install conduit	Damage/Wear-out	Electrical System	23-Jun-23
NARC	GROWSAFE FEEDING BINS & STRUCTURE	Investigate adding a overhang structure	Building Enhancements	Envelope	23-Jun-23
NARC	HAY SHED	Demolish	Codes/Standards	Site	17-Mar-21
NARC	GARAGE	Paint as needed.	Damage/Wear-out	Finishes	17-Mar-21
NARC	GARAGE	Replace or Re-paint exterior man door	Damage/Wear-out	Envelope	23-Jun-23
NARC	METAL SHOP	Upgrade Electrical System	Damage/Wear-out	Electrical System	17-Mar-21
NARC	METAL SHOP	wall bowing	Damage/Wear-out	Envelope	23-Jun-23
NARC	METAL SHOP	Add insulation	Building Enhancements	Envelope	23-Jun-23
NARC	STOCK SHED	Replace siding and flashing	Damage/Wear-out	Envelope	12-Aug-19
NARC	STOCK SHED	Demo Requested	null	null	23-Jun-23
NARC	BIG RED BARN	Investigate structural repairs.	Damage/Wear-out	Site	23-Jun-23
NARC	BIG RED BARN	Replace roof	Damage/Wear-out	Roof System	23-Jun-23
NARC	BIG RED BARN	Replace and install metal siding.	Damage/Wear-out	Envelope	17-Mar-21
NARC	BIG RED BARN	Foundation concerns	Safety	Foundations	23-Jun-23
NARC	BIG RED BARN	DEMO?	null	null	23-Jun-23
NARC	OLD SCHOOL HOUSE	Removal requested.	Damage/Wear-out	Site	17-Mar-21
NARC	THACKERAY RESIDENCE	Rebuild porch	Damage/Wear-out	Envelope	23-Jun-23
NARC	THACKERAY RESIDENCE	Upgrade Electrical System	Damage/Wear-out	Electrical System	12-Aug-19
NARC	THACKERAY RESIDENCE	Pressure wash/repaint envelope	Damage/Wear-out	Finishes	23-Jun-23
NARC	THACKERAY RESIDENCE	Add gutters	Building Enhancements	Roof System	23-Jun-23
NARC	THACKERAY RESIDENCE	Repair leaking foundation	Damage/Wear-out	Foundations	23-Jun-23
NARC	THACKERAY RESIDENCE	Replace windows	Damage/Wear-out	Envelope	23-Jun-23
NARC	THACKERAY RESIDENCE	Repair roof	Damage/Wear-out	Roof System	23-Jun-23
NARC	MACHINE SHED	Replace Roof Sky Panels	Damage/Wear-out	Roof System	17-Mar-21
NARC	MACHINE SHED	Add Gutters	Building Enhancements	Roof System	17-Mar-21
NARC	MACHINE SHED	Provide new gravel apron	Damage/Wear-out	Site	23-Jun-23
NARC	MACHINE SHED	Replace siding	Damage/Wear-out	Envelope	23-Jun-23
NARC	MACHINE SHED	Replace/Repaint Fascia Boards	Damage/Wear-out	Envelope	23-Jun-23
NARC	MACHINE SHED	Repair Roof	Damage/Wear-out	Roof System	23-Jun-23
NARC	RED MACHINE SHED	Removal requested.	Damage/Wear-out	Site	17-Mar-21
NARC	OUTHOUSE	Paint Exterior	Damage/Wear-out	Envelope	17-Mar-21
NARC	PESTICIDE FACILITY	Repair/Replace roof	Damage/Wear-out	Roof System	23-Jun-23

NARC	PESTICIDE FACILITY	Repair/Replace siding	Damage/Wear-out	Envelope	23-Jun-23
NARC	STORAGE SHED	Repaint	Damage/Wear-out	Envelope	17-Mar-21
NWARC	RESIDENCE GARAGE	Add gable vents to improve ventilation	Codes/Standards	HVAC	5-Aug-19
NWARC	GREENHOUSE	Upgrade lighting to LED	Energy Conservation	Electrical System	18-Mar-21
NWARC	ARGRONOMY LAB	Replace roof	Damage/Wear-out	Roof System	5-Aug-19
NWARC	ARGRONOMY LAB	Replace exterior windows	Damage/Wear-out	Envelope	18-Mar-21
NWARC	ARGRONOMY LAB	Replace siding	Damage/Wear-out	Envelope	5-Aug-19
NWARC	ARGRONOMY LAB	Replace gutter and add heat tape	Codes/Standards	Roof System	5-Aug-19
NWARC	ARGRONOMY LAB	Add lighting (LED)	Building Enhancements	Electrical System	18-Mar-21
NWARC	ARGRONOMY LAB	Current Lab Space not Suitable for Modern Resea	Building Enhancements	Site	18-Mar-21
NWARC	CHEMICAL STORAGE/HANDLING FACILITY	Paint soffit/fascia	Damage/Wear-out	Envelope	2-Jun-23
NWARC	CROPS RES/OFFICE/LAB	Need Additional Conference/Brake Room Space	Other	Site	18-Mar-21
NWARC	CROPS RES/OFFICE/LAB	Caulk siding	Damage/Wear-out	Envelope	2-Jun-23
NWARC	SHOP	Replace existing siding with composite siding.	Damage/Wear-out	Envelope	18-Mar-21
NWARC	SHOP	Replace Roof	Damage/Wear-out	Roof System	17-Apr-23
NWARC	SHOP	Replace roof	Damage/Wear-out	Roof System	15-May-23
NWARC	EQUIPTMENT SHED	Replace exterior siding	Damage/Wear-out	Envelope	1-Nov-22
NWARC	EQUIPTMENT SHED	Replace dirt floor with concrete	Building Enhancements	Floor System	5-Aug-19
NWARC	EQUIPTMENT SHED	Replace slider doors with overhead door	Damage/Wear-out	Envelope	21-Jun-19
NWARC	EQUIPTMENT SHED	Add mow strip around perimeter	Building Enhancements	Site	5-Aug-19
NWARC	MACHINE SHED	Add electric outlets along walls	Building Enhancements	Electrical System	5-Aug-19
NWARC	MACHINE SHED	Add LED lighting	Building Enhancements	Electrical System	18-Mar-21
NWARC	MACHINE SHED	Replace dirt floor with concrete	Building Enhancements	Floor System	18-Mar-21
NWARC	MACHINE SHED	Repaint door trim every five years	Damage/Wear-out	Finishes	5-Aug-19
NWARC	MACHINE SHED	Add Gutters	Building Enhancements	Roof System	18-Mar-21
NWARC	FUEL TANKS	When replaced, will have to meet DEQ code.	null	null	18-Mar-21
NWARC	RESIDENCE	Monitor condition of foundation	Damage/Wear-out	Foundations	18-Mar-21
NWARC	RESIDENCE	Replace basement windows	Damage/Wear-out	Envelope	5-Aug-19
NWARC	RESIDENCE	Add mow strip to perimeter to house for protection	Other	Site	5-Aug-19
NWARC	RESIDENCE	Caulk siding	Damage/Wear-out	Envelope	2-Jun-23
NWARC	FARM SHOP	Add mow strip around perimeter	Building Enhancements	Site	5-Aug-19
NWARC	FARM SHOP	Repair damaged siding	Damage/Wear-out	Envelope	2-Jun-23
NWARC	PESTICIDE BUILDING	Add mow strip around primeter	Building Enhancements	Site	5-Aug-19
NWARC	PESTICIDE BUILDING	Monitor condition of exterior posts	Damage/Wear-out	Envelope	18-Mar-21
NWARC	PESTICIDE BUILDING	Replace epoxy flooring	Damage/Wear-out	Floor System	2-Jun-23
SARC	CHEM STORAGE/WET LAB	Wireless internet connectivity needed	Building Enhancements	Electrical System	10-Jul-23
SARC	CHEM STORAGE/WET LAB	Enclosing Exterior Tanks	Other	Site	15-Mar-21
SARC	CHEM STORAGE/WET LAB	Repair soffit	Damage/Wear-out	Envelope	10-Jul-23
SARC	CHEM STORAGE/WET LAB	Build covering over concrete slab/entrance	Building Enhancements	Roof System	10-Jul-23
SARC	SOUTHERN ANNEX BARN COMPLEX	Paint exterior siding as needed	Damage/Wear-out	Envelope	15-Mar-21
SARC	SOUTHERN ANNEX BARN COMPLEX	Replace rusting roof panels	Damage/Wear-out	Roof System	17-Nov-22
SARC	SOUTHERN ANNEX BARN COMPLEX	Repaint trim	Damage/Wear-out	Envelope	10-Jul-23
SARC	SOUTHERN ANNEX BARN COMPLEX	Repair gutters	Damage/Wear-out	Envelope	10-Jul-23
SARC	RESIDENCE #3	Paint exterior siding as needed	Damage/Wear-out	Envelope	12-Aug-19
SARC	RESIDENCE #3	Asbestos Abatement	Safety	null	15-Mar-21
SARC	RESIDENCE #4	Asbestos Abatement	Safety	null	15-Mar-21

SARC	RESIDENCE #4	Monitor foundation cracking	Damage/Wear-out	Foundations	10-Jul-23
SARC	PUMP HOUSE	Paint exterior siding	Damage/Wear-out	Envelope	12-Aug-19
SARC	PUMP HOUSE	Replace deteriorated concrete top to pumps	Damage/Wear-out	Plumbing System	12-Aug-19
SARC	MACHINE SHED #1	Paint wood trim	Damage/Wear-out	null	12-Aug-19
SARC	MACHINE SHED #1	Replace/Repair siding	Damage/Wear-out	Envelope	10-Jul-23
SARC	MACHINE SHED #2	Investigate structural capacity of loft space.	Building Enhancements	Site	12-Aug-19
SARC	MACHINE SHED #2	Repaint/repair siding	Damage/Wear-out	Envelope	10-Jul-23
SARC	MACHINE SHED #2	Monitor cracking foundation	Damage/Wear-out	Foundations	10-Jul-23
SARC	HOMESTEADERS HALL	Repair/Replace siding	Damage/Wear-out	Envelope	10-Jul-23
SARC	SHOP	Repaint/repair siding	Damage/Wear-out	Envelope	10-Jul-23
SARC	SHOP	Regrade	Damage/Wear-out	Site	10-Jul-23
SARC	WEST RESIDENCE GARAGE	Paint exterior siding	Damage/Wear-out	Envelope	12-Aug-19
SARC	WEST RESIDENCE GARAGE	Monitor cracking foundation	Damage/Wear-out	Foundations	10-Jul-23
SARC	MACHINE SHED #3	Add gravel to foundation	Damage/Wear-out	Floor System	10-Jul-23
SARC	MACHINE SHED #3	Monitor cracking foundation	Damage/Wear-out	Foundations	10-Jul-23
SARC	MACHINE SHED #4	Add 6 inch concrete floor and apron	Building Enhancements	Floor System	12-Aug-19
SARC	MACHINE SHED #4	Add lighting	Building Enhancements	Electrical System	12-Aug-19
SARC	MACHINE SHED #4	Remove existing flooring	Building Enhancements	Floor System	10-Jul-23
SARC	SHOP	Add 2 220 power circuits	Codes/Standards	Electrical System	10-Jul-23
SARC	OFFICE	Investigate upgrades for HVAC.	Environmental Improvements	HVAC	15-Mar-21
SARC	OFFICE	Install split unit AC system in weeds lab	Building Enhancements	HVAC	15-Mar-21
SARC	OFFICE	Replace office flooring	Damage/Wear-out	Floor System	10-Jul-23
SARC	OFFICE	Monitor settling in dry lab	Damage/Wear-out	Foundations	10-Jul-23
SARC	OFFICE	Repair/Replace siding	Damage/Wear-out	Envelope	10-Jul-23
SARC	HARVESTORE SILO	Removal requested. Not used.	Other	Site	21-Jun-19
SARC	EAST RESIDENCE GARAGE	Monitor foundation cracking	Damage/Wear-out	Foundations	10-Jul-23
WARC	HOOPHOUSE #1	Add frost-free hydrant and water supply.	Building Enhancements	Plumbing System	12-Aug-19
WARC	GRIND RM/GREENHOUSE	PLAN A: Demolish grinding rooms	Damage/Wear-out	Site	12-Aug-19
WARC	GRIND RM/GREENHOUSE	PLAN B: Temporary plan to improve function/safet	Other	Site	12-Aug-19
WARC	GRIND RM/GREENHOUSE	Rotted siding with holes in walls. Pest issues.	Damage/Wear-out	Envelope	12-Aug-19
WARC	GRIND RM/GREENHOUSE	Windows rotted, leaking and uninsulated	Damage/Wear-out	Envelope	12-Aug-19
WARC	GRIND RM/GREENHOUSE	Sill plate rotted in multiple locations	Damage/Wear-out	Envelope	12-Aug-19
WARC	GRIND RM/GREENHOUSE	Roof sagging on south side	Damage/Wear-out	Roof System	12-Aug-19
WARC	GRIND RM/GREENHOUSE	Building is sloped - Monitor foundation issues	Damage/Wear-out	Foundations	12-Aug-19
WARC	GRIND RM/GREENHOUSE	Poor insulation	Damage/Wear-out	Envelope	12-Aug-19
WARC	GRIND RM/GREENHOUSE	Active gas lines in seed storage and main room.	Codes/Standards	HVAC	12-Aug-19
WARC	GRIND RM/GREENHOUSE	Insufficient ventilation/air filtration	Damage/Wear-out	HVAC	12-Aug-19
WARC	GRIND RM/GREENHOUSE	Insufficient place to work.	Other	Site	12-Aug-19
WARC	GRIND RM/GREENHOUSE	Lead paint and likely asbestos floor tiles.	Damage/Wear-out	Finishes	12-Aug-19
WARC	BIO CONTROL HANDLING FACILITY	Replace windows	Damage/Wear-out	Envelope	2-Jun-23
WARC	BIO CONTROL HANDLING FACILITY	Replace all doors/frames	Damage/Wear-out	Envelope	2-Jun-23
WARC	BIO CONTROL HANDLING FACILITY	Replace siding	Damage/Wear-out	Envelope	2-Jun-23
WARC	TOOL SHED & COLD FOOD STORAGE	Replace/add gutters and down spouts	Damage/Wear-out	Roof System	12-Aug-19
WARC	TOOL SHED & COLD FOOD STORAGE	Rebuild/Relocate loft.	Other	Site	12-Aug-19
WARC	TOOL SHED & COLD FOOD STORAGE	Replace lighting and fixtures with LED	Damage/Wear-out	Electrical System	12-Aug-19
WARC	TOOL SHED & COLD FOOD STORAGE	Regrade exterior to slope away from foundation	Damage/Wear-out	Site	12-Aug-19

WARC	TOOL SHED & COLD FOOD STORAGE	Install hand wash sink	Codes/Standards	Plumbing System	12-Aug-19
WARC	TOOL SHED & COLD FOOD STORAGE	Add vinyl flooring in cold storage.	Building Enhancements	Floor System	12-Aug-19
WARC	MAIN OFFICE	Install roof insulation	Codes/Standards	Roof System	18-Mar-21
WARC	MAIN OFFICE	Replace roof covering	Damage/Wear-out	Roof System	18-Mar-21
WARC	MAIN OFFICE	Add insulation b/w 1st and 2nd floor	Damage/Wear-out	Envelope	31-May-23
WARC	MAIN OFFICE	Replace 2nd floor windows	Damage/Wear-out	Envelope	31-May-23
WARC	MAIN OFFICE	Prep/Paint stair treads to loft	Damage/Wear-out	Finishes	31-May-23
WARC	HORTICULTURE AND SOILS LABORATORY	PLAN A: Demolish	Damage/Wear-out	Site	12-Aug-19
WARC	RENTAL HOUSE/OFFICE	Replace concrete steps to north entrance with sma	Damage/Wear-out	Envelope	12-Aug-19
WARC	RENTAL HOUSE/OFFICE	Add gutters and down spouts	Codes/Standards	Roof System	12-Aug-19
WARC	RENTAL HOUSE/OFFICE	Replace roof	Damage/Wear-out	Roof System	2-Jun-23
WARC	RENTAL HOUSE/OFFICE	Monitor structural rot in laundry room	Damage/Wear-out	Envelope	2-Jun-23
WARC	BIO LABORATORY/LUNCH ROOM	PLAN A: Convert to student housing	Building Enhancements	Site	18-Mar-21
WARC	BIO LABORATORY/LUNCH ROOM	PLAN B: Updates for lab with minimum functionalit	Damage/Wear-out	Site	12-Aug-19
WARC	BIO LABORATORY/LUNCH ROOM	PLAN B: Upgrade HVAC System	Codes/Standards	HVAC	12-Aug-19
WARC	BIO LABORATORY/LUNCH ROOM	PLAN B: Install built-in serge protection at panel	Codes/Standards	Electrical System	12-Aug-19
WARC	BIO LABORATORY/LUNCH ROOM	PLAN B: Create space for wet lab.	Building Enhancements	Site	12-Aug-19
WARC	BIO LABORATORY/LUNCH ROOM	PLAN B: Add sink and more wet lab benches	Building Enhancements	Site	12-Aug-19
WARC	BIO LAB/GREENHOUSE	Repaint exterior of enterance enclosure	Damage/Wear-out	Envelope	12-Aug-19
WARC	BIO LAB/GREENHOUSE	Add utility sinks to facility to wash pots, etc.	Codes/Standards	Plumbing System	12-Aug-19
WARC	BIO LAB/GREENHOUSE	Repaint exterior	Damage/Wear-out	Envelope	2-Jun-23
WARC	BIO LAB/GREENHOUSE	Repair French Drain	Damage/Wear-out	Plumbing System	2-Jun-23
WARC	BIO LAB/GREENHOUSE	Add additional evaporative cooler	Building Enhancements	HVAC	2-Jun-23
WARC	TRACTOR/EQUIPMENT STORAGE & MACHINE SHOP	Investigate structural repairs to tractor shed	Damage/Wear-out	Roof System	21-Jun-19
WARC	TRACTOR/EQUIPMENT STORAGE & MACHINE SHOP	Tractor shed space inadequate and not large enou	Other	Site	12-Aug-19
WARC	TRACTOR/EQUIPMENT STORAGE & MACHINE SHOP	Repair north and west walls	Damage/Wear-out	Envelope	12-Aug-19
WARC	TRACTOR/EQUIPMENT STORAGE & MACHINE SHOP	Replace exterior shop windows	Damage/Wear-out	Envelope	12-Aug-19
WARC	TRACTOR/EQUIPMENT STORAGE & MACHINE SHOP	Remove dividing center shop wall and add ext. Do	Damage/Wear-out	Envelope	12-Aug-19
WARC	TRACTOR/EQUIPMENT STORAGE & MACHINE SHOP	Insulate shop	Environmental Improvements	Roof System	12-Aug-19
WARC	TRACTOR/EQUIPMENT STORAGE & MACHINE SHOP	Upgrade lighting distribution and install LEDs in	Damage/Wear-out	Electrical System	12-Aug-19
WARC	TRACTOR/EQUIPMENT STORAGE & MACHINE SHOP	Replace compressed air piping	Damage/Wear-out	Plumbing System	12-Aug-19
WARC	TRACTOR/EQUIPMENT STORAGE & MACHINE SHOP	Provide/Install Gutters	Building Enhancements	Roof System	12-Aug-19
WARC	TRACTOR/EQUIPMENT STORAGE & MACHINE SHOP	Upgrade Water Supply Line	Building Enhancements	Plumbing System	28-Jun-19
WARC	TRACTOR/EQUIPMENT STORAGE & MACHINE SHOP	Add gas heat to Shop	Building Enhancements	null	28-Jun-19
WARC	TRACTOR/EQUIPMENT STORAGE & MACHINE SHOP	Provide/Install New Siding	Damage/Wear-out	Envelope	28-Jun-19
WARC	FERTILIZER/PAINT STORAGE	Repaint man doors	Damage/Wear-out	Envelope	31-May-23
WARC	FERTILIZER/PAINT STORAGE	Seal exterior exposed wood	Damage/Wear-out	Envelope	31-May-23
WARC	FERTILIZER/PAINT STORAGE	Complete building siding	Damage/Wear-out	Envelope	2-Jun-23
WARC	FUEL TANKS	Replace gas pumps	Damage/Wear-out	Site	12-Aug-19
WARC	STORAGE SHED	Replace roof	Damage/Wear-out	Roof System	12-Aug-19
WARC	STORAGE SHED	Remove and patch west door	Building Enhancements	Site	12-Aug-19
WARC	HOOPHOUSE #2	Add frost-free hydrant and water supply.	Building Enhancements	Plumbing System	12-Aug-19
WARC	HOOPHOUSE #2	Replace waterlines	Damage/Wear-out	Plumbing System	2-Jun-23
WARC	PESTICIDE HANDLING FACILITY	Repaint structural posts	Damage/Wear-out	Envelope	31-May-23
WARC	PESTICIDE HANDLING FACILITY	Sheet metal screens coming out of siding	Damage/Wear-out	Envelope	31-May-23
WARC	Pump / Well House	Add power shut off	Safety	Electrical System	2-Jun-23

WTARC	LABORATORY/OFFICE BLDG	Monitor settling foundation	Damage/Wear-out	Foundations	12-Aug-19
WTARC	LABORATORY/OFFICE BLDG	Repair down spouts/gutters	Damage/Wear-out	Envelope	23-Jun-23
WTARC	LABORATORY/OFFICE BLDG	Replace VCT flooring in Lab	Damage/Wear-out	Floor System	23-Jun-23
WTARC	LABORATORY/OFFICE BLDG	Prep/Paint Fascia	Damage/Wear-out	Envelope	23-Jun-23
WTARC	EQUIPTMENT STORAGE AND SHOP	Replace roof with better skylights	Damage/Wear-out	Roof System	16-Jun-23
WTARC	EQUIPTMENT STORAGE AND SHOP	Replace wall between bathroom and storage area	Damage/Wear-out	Finishes	16-Mar-21
WTARC	EQUIPTMENT STORAGE AND SHOP	Replace overhead doors	Damage/Wear-out	Envelope	23-Jun-23
WTARC	EQUIPTMENT STORAGE AND SHOP	Repair siding	Damage/Wear-out	Envelope	16-Jun-23
WTARC	EQUIPTMENT STORAGE AND SHOP	Replace shop sink/countertop	Damage/Wear-out	Plumbing System	23-Jun-23
WTARC	EQUIPTMENT STORAGE AND SHOP	Repair bathroom to working condition	Damage/Wear-out	Plumbing System	23-Jun-23
WTARC	EQUIPTMENT STORAGE AND SHOP	Replace windows	Damage/Wear-out	Envelope	16-Jun-23
WTARC	EQUIPTMENT STORAGE AND SHOP	Replace man doors	Damage/Wear-out	Envelope	23-Jun-23
WTARC	SEED PROCESSING LAB	Monitor condensate for furnace freezing.	Damage/Wear-out	HVAC	16-Mar-21
WTARC	SEED PROCESSING LAB	Rodent Proof building	Other	null	16-Jun-23
WTARC	SEED PROCESSING LAB	Build wind/snow screen	Building Enhancements	Envelope	16-Jun-23
WTARC	SEED PROCESSING LAB	Replace back door	Damage/Wear-out	Envelope	16-Jun-23
WTARC	FERTILIZER STORAGE	Replace siding with metal	Damage/Wear-out	Envelope	12-Aug-19
WTARC	FERTILIZER STORAGE	Add power.	Building Enhancements	Electrical System	16-Mar-21
WTARC	STORAGE AND HANDLING FACILITY	Monitor settling foundation	Damage/Wear-out	Foundations	12-Aug-19
WTARC	STORAGE AND HANDLING FACILITY	Monitor cracks in walls	Damage/Wear-out	Envelope	12-Aug-19
WTARC	STORAGE AND HANDLING FACILITY	Repair exterior wood beams and trim	Damage/Wear-out	Envelope	23-Jun-23
WTARC	STORAGE AND HANDLING FACILITY	repair siding	Damage/Wear-out	Envelope	16-Jun-23
WTARC	STORAGE AND HANDLING FACILITY	Replace chemical storage man doors	Damage/Wear-out	Envelope	16-Jun-23
WTARC	MODULAR OFFICE	Replace skirting	Damage/Wear-out	Envelope	16-Mar-21
WTARC	MODULAR OFFICE	Paint exterior	Damage/Wear-out	Envelope	16-Mar-21
WTARC	MODULAR OFFICE	Replace windows/repair water damage at windows	Damage/Wear-out	Envelope	16-Jun-23
WTARC	MODULAR OFFICE	Replace ceiling	Damage/Wear-out	Finishes	16-Jun-23
WTARC	MODULAR OFFICE	Replace OSB fascia	Damage/Wear-out	Envelope	23-Jun-23
WTARC	MODULAR OFFICE	Replace man doors	Damage/Wear-out	Envelope	23-Jun-23
WTARC	Greenhouse	Install sidewalk on west side	Building Enhancements	Floor System	16-Jun-23
WTARC	Greenhouse	Install secondary seal b/w lab spaces	Building Enhancements	Finishes	16-Jun-23
WTARC	Greenhouse	build wind/snow screen on NW side	Building Enhancements	Envelope	16-Jun-23

GENERAL SERVICES DIVISION

DEFICIENCY DETAIL REPORTS

Administration - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: General Services- Complex | **Area Correction:** 1.21 | **Last Audit Date:** 7/16/2024

Building: 1227 11th Ave. | **Gross Area:** 16,064 Sq Ft | **Report Renewal Cost:** $1,375,942

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $309.54 | **Deficiency Ratio:** 27.7%

Const. Date: 1972 | **Replacement Cost:** $4,972,451

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$10,547***	***$105,380***	
415	Exterior Steps/Retaining Walls (B)	10-22-2014	07-16-2024	2	24%	$1.34	$5,166		Replace concrete- steps on SW and NW entrance. East side walk needs replaced. Driveway/Egress needs redone.
907	Exterior Steps/Retaining Walls (B)	05-17-2018	06-01-2021	2	25%	$1.34	$5,381		Exterior steps including ramp / landing by NW employee entrance are significantly damaged. Increasing existing record 415.
System: Envelope (2)						***Totals:***	***$159,958***	***$413,487***	
416	Exterior Walls (A)	10-22-2014	07-16-2024	2	18%	$6.92	$20,009		Patch damaged and poorly insulated dryvit. 2018 Cycle two update: there are still holes caused by birds. Repair would be a skimcoat to smooth or complete replacement.
905	Exterior Windows (B)	05-17-2018	07-16-2024	2	80%	$9.40	$120,801		Windows and seals are deteriorated. Hardware is failing. Windows are over 20 years old and are leaky.Replacement recommended
906	Exterior Doors/Hatches (C)	05-17-2018	07-16-2024	2	80%	$1.49	$19,148		Replace exterior doors
System: Floor System (3)						***Totals:***	***$34,987***	***$506,819***	
1388	Floor Structure (A)	06-01-2021	07-16-2024	2	9%	$24.20	$34,987		Wear and tear of floor structure. Remodel January 2024 found substantial floor movement. During remodel it was fixed for new floor finish

Administration - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: General Services- Complex | **Area Correction:** 1.21 | **Last Audit Date:** 7/16/2024

Building: 1227 11th Ave. | **Gross Area:** 16,064 Sq Ft | **Report Renewal Cost:** $1,375,942

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $309.54 | **Deficiency Ratio:** 27.7%

Const. Date: 1972 | **Replacement Cost:** $4,972,451

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)					***Totals:***		***$65,204***	***$148,592***	
915	Covering (B)	10-22-2014	07-16-2024	2	5%	$4.29	$3,446		Re-cricket roof to fix ponding noticed on upper and lower roof. Correct drainage
917	Covering (B)	05-17-2017	07-16-2024	2	55%	$4.29	$37,903		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)	05-17-2017	07-16-2024	2	5%	$4.29	$3,446		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)	05-17-2018	06-01-2021	2	55%	$2.31	$20,409		The roof insulation is wet and will never dry. This wetness affects the thermal insulation of the roof system and makes it less effective.
System: Finishes (5)					***Totals:***		***$77,435***	***$988,900***	
909	Ceilings (B)	05-17-2018	06-01-2021	2	10%	$14.92	$23,967		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/Windows (	05-17-2018	07-16-2024	2	25%	$12.29	$49,357		Severe delamination of interior window sills noted in many offices throughout the building. Replaced door hardware in Jan 2024 remodel. Window hardware still needs replaced
420	Floor Finishes (D)	10-22-2014	07-16-2024	2	3%	$8.53	$4,111		Offices carpet tile replaced Jan 2024. Hallways and corridors are 2 years old

Administration - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: General Services- Complex
Building: 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: $309.54
Replacement Cost: $4,972,451
Last Audit Date: 7/16/2024
Report Renewal Cost: $1,375,942
Deficiency Ratio: 27.7%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$5,353***	***$284,172***	
1402	Toilet Partitions (A)	06-01-2021	07-16-2024	2	10%	$2.62	$4,209		Wear and tear of toilet partitions
1403	Signage/Directories (B)	06-01-2021	06-01-2021	2	8%	$0.89	$1,144		Wear & tear of signage cabinets
System: HVAC System (7)						***Totals:***	***$635,266***	***$705,852***	
422	Heating (A)	10-22-2014	07-16-2024	4	90%	$21.97	$317,633		System is 18 years old. 5/17 update: increase by 10%, system has failed to keep people comfortable due to old design. 20% of the heating system failed and no longer usable.
423	Ventilating (B)	10-22-2014	07-16-2024	4	75%	$6.59	$79,396		System is 18 years old, 5/17 update: increase by 10%, system has failed to keep people comfortable.
431	Ventilating (B)	10-22-2014	07-16-2024	3	15%	$6.59	$15,879		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	07-16-2024	4	90%	$15.38	$222,358		System is 18 years old. 5/17 update increase by 10% , system has failed to keep people comfortable.
System: Plumbing System (8)						***Totals:***	***$269,975***	***$744,888***	
913	Fixtures (A)	10-22-2014	07-16-2024	2	42%	$11.21	$75,633		Replace remaining old fixtures with newer more efficient versions.
1390	Supply Piping (B)	06-01-2021	07-16-2024	2	37%	$23.77	$141,281		Replace hot water generation and add hot water recirculation
1391	Waste Piping (C)	06-01-2021	06-01-2021	2	29%	$11.39	$53,061		Replace clean outs
System: Electrical System (9)						***Totals:***	***$31,421***	***$691,234***	
1393	Lighting (B)	06-01-2021	07-16-2024	2	5%	$11.36	$9,124		Ongoing maintenance
1394	Distribution (C)	06-01-2021	07-16-2024	2	10%	$13.88	$22,297		Corrective repairs due to age of system

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1
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Site: General Services- Complex
Building: 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: $309.54
Replacement Cost: $4,972,451

Last Audit Date: 7/16/2024
Report Renewal Cost: $1,375,942
Deficiency Ratio: 27.7%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Conveying (10)						***Totals:***	***$11,389***	***$113,894***	
1396	Elevator/Lift (A)	06-01-2021	07-16-2024	2	10%	$7.09	$11,389		Upgrade cab finishes & controls
System: Safety System (11)						***Totals:***	***$74,407***	***$269,554***	
1398	Egress (A)	06-01-2021	06-01-2021	1	63%	$4.03	$40,785		Improve fire ratings to meet current standards and codes
1400	Exit/Emergency Lighting/Alarms (C	06-01-2021	07-16-2024	1	35%	$5.98	$33,622		Fire alarm system needs replaced to meet current fire guidelines per fire marshall's recommendation.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: General Services- Complex
Building: 326 Washington Drive
Building Type/ Age Class: House, Single Family (31A)
Const. Date: 1947

Area Correction: 1.44
Gross Area: 1,725 Sq Ft
Cost/Sq Ft: $151.32
Replacement Cost: $261,027

Last Audit Date: 7/13/2022
Report Renewal Cost: $71,595
Deficiency Ratio: 27.4%

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.

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

Site: General Services- Complex
Building: 326 Washington Drive
Building Type/ Age Class: House, Single Family (31A)
Const. Date: 1947

Area Correction: 1.44
Gross Area: 1,725 Sq Ft
Cost/Sq Ft: $151.32
Replacement Cost: $261,027

Last Audit Date: 7/13/2022
Report Renewal Cost: $71,595
Deficiency Ratio: 27.4%

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 (	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 (	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.

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:**	7/13/2022
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		

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 by Building

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		

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 by Building

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

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 by Building

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

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 (	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 by Building

Def. Categories
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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

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 by Building

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

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 9/23/2015

Building: Board of Visitors -1410 8th Av | **Gross Area:** 3,385 Sq Ft | **Report Renewal Cost:** $142,422

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $336.38 | **Deficiency Ratio:** 12.5%

Const. Date: 1961 | **Replacement Cost:** $1,138,646

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$5,416***	***$26,437***	
672	Exterior Steps/Retaining Walls (B)	09-23-2015	09-23-2015	2	100%	$1.60	$5,416		Retaining wall failing near front entrance. All steps are shot - spalling was observed. Full replacement needed.
System: Envelope (2)						***Totals:***	***$54,820***	***$103,683***	
673	Exterior Walls (A)	09-23-2015	09-23-2015	2	30%	$8.24	$8,368		Remove and replace lower siding.
674	Exterior Walls (A)	09-23-2015	09-23-2015	2	20%	$8.24	$5,578		Soffits and Fascia peeling and rotting away particularly on the north side of the building.
675	Exterior Windows (B)	09-23-2015	09-23-2015	2	100%	$11.19	$37,878		Remove and replace windows.
676	Exterior Doors/Hatches (C)	09-23-2015	09-23-2015	2	50%	$1.77	$2,996		Remove and replace doors. Hardware is shot in most of them.
System: Roof System (4)						***Totals:***	***$93***	***$37,235***	
677	Insulation (C)	09-23-2015	09-23-2015	5	1%	$2.75	$93		Insulation is likely deficient here. Foil faced insulation was seen in some areas but not others. Investigate and correct deficiency.
System: Finishes (5)						***Totals:***	***$55,297***	***$247,985***	
679	Ceilings (B)	09-23-2015	09-23-2015	2	10%	$17.76	$6,012		The ceiling on the lower floor was sagging a bit. Correct deficiency and add support so that sagging stops.
680	Floor Finishes (D)	09-23-2015	09-23-2015	2	70%	$10.16	$24,074		Carpet in most areas is wrinkled, stained, torn, or heavily worn down. Remove and replace.
678	Wall Finishes (E)	09-23-2015	09-23-2015	2	70%	$10.64	$25,211		Re-paint needed in most areas. Panels and walls are damaged in areas. The finishes have a very old and dated feel to them.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

Def. Categories
☑ 1
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Site: General Services- Complex
Area Correction: 1.44
Last Audit Date: 9/23/2015

Building: Board of Visitors -1410 8th Av
Gross Area: 3,385 Sq Ft
Report Renewal Cost: $142,422

Building Type/ Age Class: General Classroom/Office (3B)
Cost/Sq Ft: $336.38
Deficiency Ratio: 12.5%

Const. Date: 1961
Replacement Cost: $1,138,646

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$9,117***	***$177,036***	
682	Heating (A)	09-23-2015	09-23-2015	2	10%	$26.15	$8,852		Boilers are 20 years old. They are reaching the end of their useful life.
683	Ventilating (B)	09-23-2015	09-23-2015	2	1%	$7.84	$265		Exhaust fans may not be sufficient enough for occupants.It was noted that there may not be enough fresh air or combustion air present.
System: Plumbing System (8)						***Totals:***	***$903***	***$186,784***	
684	Fixtures (A)	09-23-2015	09-23-2015	2	2%	$13.34	$903		Toilets, faucets, sinks are all very old. Looking to replace with more efficient and modern fixtures.
System: Electrical System (9)						***Totals:***	***$16,776***	***$173,312***	
685	Distribution (C)	09-23-2015	09-23-2015	2	30%	$16.52	$16,776		Upgrade older breaker panels.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: General Services- Complex
Building: Boiler Plant
Building Type/ Age Class: Central Heating Facilities (7B)
Const. Date: 1969

Area Correction: 1.44
Gross Area: 7,946 Sq Ft
Cost/Sq Ft: $189.59
Replacement Cost: $1,506,482

Last Audit Date: 7/20/2021
Report Renewal Cost: $167,136
Deficiency Ratio: 11.1%

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 (	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.
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.

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:** 7/20/2021

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

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
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 by Building

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:** 2/27/2024

Building: Capitol Annex | **Gross Area:** 1,460 Sq Ft | **Report Renewal Cost:** $99,714

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $348.42 | **Deficiency Ratio:** 19.6%

Const. Date: 1910 | **Replacement Cost:** $508,693

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$8,234***	***$13,739***	
57	Footings/Foundation Walls (A)	04-18-2014	02-27-2024	2	60%	$6.21	$5,440		Replace spalling plaster seal and caulk
58	Exterior Steps/Retaining Walls (B)	04-18-2014	02-27-2024	2	60%	$3.19	$2,794		Repair front and back steps
System: Envelope (2)						***Totals:***	***$12,183***	***$44,340***	
59	Exterior Walls (A)	04-18-2014	02-27-2024	2	20%	$8.24	$2,406		Repoint/reseal all exterior
725	Exterior Walls (A)	07-11-2016	02-27-2024	2	32%	$8.24	$3,850		Replace damaged brick
1159	Exterior Walls (A)	06-08-2020	02-27-2024	2	18%	$8.24	$2,165		Repair and repaint eaves and fascia
60	Exterior Windows (B)	04-18-2014	02-27-2024	2	15%	$9.51	$2,083		Recaulk and paint wood trim at exterior
61	Exterior Doors/Hatches (C)	04-18-2014	02-27-2024	3	35%	$1.77	$904		Replace rear exit door with commercial
62	Exterior Doors/Hatches (C)	04-18-2014	02-27-2024	3	15%	$1.77	$388		Replace hardware on rear exit w/ commercial type.
1161	Exterior Doors/Hatches (C)	06-08-2020	02-27-2024	2	5%	$1.77	$129		Repaint rear exit door
1162	Exterior Doors/Hatches (C)	06-08-2020	02-27-2024	3	10%	$1.77	$258		Replace frame at rear exit w/ commercial
System: Floor System (3)						***Totals:***	***$14,717***	***$54,808***	
1164	Floor Structure (A)	06-08-2020	02-27-2024	2	35%	$28.80	$14,717		Shore areas which are settling and replace floor joists with numerous holes from past construction
System: Roof System (4)						***Totals:***	***$5,613***	***$17,184***	
2	Structure (A)	04-18-2014	02-27-2024	2	12%	$3.15	$552		Replace wood joists where sagging on north side
3	Covering (B)	04-18-2014	02-27-2024	2	45%	$5.87	$3,857		Replace roof covering
4	Insulation (C)	04-18-2014	02-27-2024	5	30%	$2.75	$1,204		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:** 2/27/2024
Building: Capitol Annex | **Gross Area:** 1,460 Sq Ft | **Report Renewal Cost:** $99,714
Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $348.42 | **Deficiency Ratio:** 19.6%
Const. Date: 1910 | **Replacement Cost:** $508,693

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$18,650***	***$115,530***	
1166	Interior Wall Systems (A)	06-08-2020	02-27-2024	2	10%	$22.09	$3,225		Patch and repair misc. holes and scuffs
1168	Interior Doors/Hardware/Windows (	06-08-2020	02-27-2024	3	60%	$14.63	$12,816		Replace residential grade doors w/ commercial
1169	Floor Finishes (D)	06-08-2020	02-27-2024	2	16%	$11.17	$2,609		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:***	***$22,519***	***$70,357***	
1721	Fixtures (A)	02-27-2024	02-27-2024	2	15%	$10.53	$2,306		Water fixtures wear and tear due to age and use
1171	Supply Piping (B)	06-08-2020	02-27-2024	2	40%	$25.46	$14,869		Wear/tear due to age
1172	Waste Piping (C)	06-08-2020	02-27-2024	2	30%	$12.20	$5,344		Wear/tear due to age
System: Electrical System (9)						***Totals:***	***$16,718***	***$68,021***	
10	Distribution (C)	04-18-2014	02-27-2024	2	8%	$14.68	$1,715		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	02-27-2024	3	20%	$14.68	$4,287		Upgrade old distribution wiring
System: Safety System (11)						***Totals:***	***$1,049***	***$29,142***	
1176	Egress (A)	06-08-2020	02-27-2024	3	15%	$4.79	$1,049		Rear exit passes through a restroom.

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
Building: DEQ- 1209 8th Ave.
Building Type/ Age Class: House, Single Family (31B)
Const. Date: 1954

Area Correction: 1.44
Gross Area: 2,302 Sq Ft
Cost/Sq Ft: $140.34
Replacement Cost: $323,063

Last Audit Date: 6/22/2021
Report Renewal Cost: $130,349
Deficiency Ratio: 40.3%

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.
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.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: General Services- Complex
Building: DEQ- 1209 8th Ave.
Building Type/ Age Class: House, Single Family (31B)
Const. Date: 1954
Area Correction: 1.44
Gross Area: 2,302 Sq Ft
Cost/Sq Ft: $140.34
Replacement Cost: $323,063
Last Audit Date: 6/22/2021
Report Renewal Cost: $130,349
Deficiency Ratio: 40.3%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
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.
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 by Building

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

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 7/31/2024

Building: Diane Building | **Gross Area:** 5,769 Sq Ft | **Report Renewal Cost:** $502,626

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $336.38 | **Deficiency Ratio:** 25.9%

Const. Date: 1954 | **Replacement Cost:** $1,940,576

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$35,012***	***$45,056***	
942	Footings/Foundation Walls (A)	07-31-2018	07-31-2024	2	90%	$6.21	$32,243		Address foundation structure, damp proofing, insulation. Seal east side foundation.
943	Exterior Steps/Retaining Walls (B)	07-31-2018	07-31-2024	2	30%	$1.60	$2,769		Front ramp rail / back steps spalling. Install retaining wall.
System: Envelope (2)						***Totals:***	***$46,347***	***$176,704***	
945	Exterior Walls (A)	07-31-2018	07-31-2024	2	40%	$8.24	$19,015		Paint coming off/rusting on exterior walls.
1405	Exterior Windows (B)	06-15-2021	07-31-2024	2	30%	$11.19	$19,367		Wear & tear. Vinyl windows 20 years old cracking and discoloring.
464	Exterior Doors/Hatches (C)	11-05-2014	07-31-2024	2	78%	$1.77	$7,965		Replace all exterior doors
System: Floor System (3)						***Totals:***	***$50,421***	***$216,568***	
1407	Stair Treads/Risers (B)	06-15-2021	07-31-2024	3	100%	$8.74	$50,421		Stairs do not meet code
System: Roof System (4)						***Totals:***	***$37,749***	***$63,459***	
465	Covering (B)	11-05-2014	07-31-2024	2	9%	$5.11	$2,653		Recoat Roof
951	Covering (B)	07-31-2018	06-15-2021	2	76%	$5.11	$22,404		Some wear and tear seen on covering.
470	Insulation (C)	11-05-2014	07-31-2024	5	80%	$2.75	$12,692		Upgrade current insulation to meet code when roof is replaced.
System: Finishes (5)						***Totals:***	***$40,745***	***$422,637***	
1409	Ceilings (B)	06-15-2021	07-31-2024	2	10%	$17.76	$10,246		Wear & Tear
1411	Interior Doors/Hardware/Windows (	06-15-2021	06-15-2021	3	20%	$14.63	$16,880		Replace knobs w/ levers.
949	Floor Finishes (D)	07-31-2018	07-31-2024	2	18%	$10.16	$10,550		Some wear and tear seen.
466	Wall Finishes (E)	11-05-2014	07-31-2024	2	5%	$10.64	$3,069		Repaint

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:** 7/31/2024

Building: Diane Building | **Gross Area:** 5,769 Sq Ft | **Report Renewal Cost:** $502,626

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $336.38 | **Deficiency Ratio:** 25.9%

Const. Date: 1954 | **Replacement Cost:** $1,940,576

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						***Totals:***	***$10,543***	***$121,495***	
1413	Chalk/Tack/Whiteboards/Cabinets (	06-15-2021	07-31-2024	2	12%	$15.23	$10,543		Wear & Tear
System: HVAC System (7)						***Totals:***	***$104,359***	***$301,719***	
1415	Heating (A)	06-15-2021	07-31-2024	2	7%	$26.15	$10,560		Wear & tear
1416	Heating (A)	06-15-2021	07-31-2024	3	15%	$26.15	$22,629		Need insulated
944	Ventilating (B)	07-31-2018	07-31-2024	4	99%	$7.84	$44,777		Air flow issues exist throughout building. No ventilation exists.
469	Cooling (C)	11-05-2014	07-31-2024	5	25%	$18.30	$26,393		Add air conditioning.
System: Plumbing System (8)						***Totals:***	***$100,261***	***$318,333***	
1418	Fixtures (A)	06-15-2021	07-31-2024	2	32%	$13.34	$24,627		Wear & tear
1419	Supply Piping (B)	06-15-2021	07-31-2024	2	20%	$28.29	$32,641		Wear & tear
1420	Waste Piping (C)	06-15-2021	07-31-2024	2	55%	$13.55	$42,993		Wear & tear
System: Electrical System (9)						***Totals:***	***$34,660***	***$295,373***	
948	Lighting (B)	07-31-2018	07-31-2024	5	20%	$13.52	$15,599		Update lighting to LED and add lighting in dimly lit areas as desired.1st floor has been updated since last audit (7/31/18).
1768	Distribution (C)	07-31-2024	07-31-2024	2	20%	$16.52	$19,061		Due to age and usage
System: Safety System (11)						***Totals:***	***$42,529***	***$115,149***	
1423	Egress (A)	06-15-2021	07-31-2024	1	50%	$4.79	$13,817		Egress only meets residential standards for when it was built. Needs addressed
1424	Exit/Emergency Lighting/Alarms (C	06-15-2021	07-31-2024	1	70%	$7.11	$28,712		Need emergency lighting & fire monitoring systems.

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:** 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

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.

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:** 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

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 (	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 by Building

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

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 by Building

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

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 by Building

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

Site: General Services- Complex
Building: DNRC Water Resources 1424 9th
Building Type/ Age Class: General Classroom/Office (3B)
Const. Date: 1972
Area Correction: 1.16
Gross Area: 27,865 Sq Ft
Cost/Sq Ft: $270.98
Replacement Cost: $7,550,858
Last Audit Date: 6/28/2022
Report Renewal Cost: $1,936,633
Deficiency Ratio: 25.6%

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 by Building

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

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 (	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 (	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 by Building

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

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 by Building

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

Site: General Services- Complex | **Area Correction:** 1.04 | **Last Audit Date:** 3/26/2024

Building: DPHHS | **Gross Area:** 48,682 Sq Ft | **Report Renewal Cost:** $3,010,987

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $242.94 | **Deficiency Ratio:** 25.5%

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:***	***$6,718***	***$274,566***	
320	Exterior Steps/Retaining Walls (B)	08-18-2014	03-26-2024	2	12%	$1.15	$6,718		Replace/Repair west handrail
System: Envelope (2)						***Totals:***	***$115,128***	***$1,076,846***	
321	Exterior Walls (A)	08-18-2014	03-26-2024	2	9%	$5.95	$26,069		Recaulk between precast concrete
322	Exterior Walls (A)	08-18-2014	03-26-2024	2	2%	$5.95	$5,793		Repair soffit joints where required.
323	Exterior Windows (B)	08-18-2014	03-26-2024	6	18%	$8.08	$70,803		Install spandrel panels west breezeway
324	Exterior Doors/Hatches (C)	08-18-2014	03-26-2024	2	14%	$1.28	$8,724		Doors and hardware are worn, replace as required.
1339	Exterior Doors/Hatches (C)	09-28-2020	03-26-2024	1	6%	$1.28	$3,739		Replace west entry doorto open with the travel of egress
System: Floor System (3)						***Totals:***	***$91,133***	***$1,319,769***	
345	Floor Structure (A)	08-18-2014	03-26-2024	3	9%	$20.80	$91,133		Install fireblocking in floor penetrations, level uneven floor surfaces, and monitor slab on grade cracking in mail room.
System: Roof System (4)						***Totals:***	***$327,065***	***$387,022***	
874	Structure (A)	09-26-2017	03-26-2024	2	62%	$2.27	$68,515		Bubbling areas in roof deck indicate water damage. Replace as required. 20 years past life expectancy
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:** 3/26/2024

Building: DPHHS | **Gross Area:** 48,682 Sq Ft | **Report Renewal Cost:** $3,010,987

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $242.94 | **Deficiency Ratio:** 25.5%

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:***	***$1,020,741***	***$2,575,765***	
1343	Interior Wall Systems (A)	09-28-2020	03-26-2024	1	31%	$14.51	$218,977		Replace guardrails throughout building to comply w/ newer codes.
327	Ceilings (B)	08-18-2014	03-26-2024	2	15%	$12.83	$93,689		Replace ceiling tiles throughout building as required.
1341	Ceilings (B)	09-28-2020	03-26-2024	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	03-26-2024	2	40%	$10.56	$205,633		Replace damaged slabs and worn hardware throughout building
330	Floor Finishes (D)	08-18-2014	03-26-2024	2	33%	$7.33	$117,757		Carpet is aged/worn in multiple areas throughout building. Replace as req'd.
869	Floor Finishes (D)	08-18-2014	03-26-2024	2	14%	$7.33	$49,957		Refurbish terrazo on basement and 2nd corridor floors. Refer to record 329.
873	Wall Finishes (E)	09-26-2017	03-26-2024	2	6%	$7.68	$22,433		Scuffs and damage to interior walls noted in some areas.
System: Specialties (6)						***Totals:***	***$21,133***	***$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.

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:** 3/26/2024

Building: DPHHS | **Gross Area:** 48,682 Sq Ft | **Report Renewal Cost:** $3,010,987

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $242.94 | **Deficiency Ratio:** 25.5%

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:***	***$765,802***	***$1,838,719***	
334	Heating (A)	08-18-2014	03-26-2024	2	41%	$18.88	$376,838		Boilers are at approximately 50% of life expectancy. Upgrade failing or aged controls, room units and plumbing.
336	Ventilating (B)	08-18-2014	03-26-2024	4	29%	$5.67	$80,048		Retro commission building system and replace failing or aged controls and room units.
865	Cooling (C)	09-26-2017	03-26-2024	5	48%	$13.22	$308,916		Current DX system in need of upgrade. Upgrade to a chiller. Retro commision building system.
System: Plumbing System (8)						***Totals:***	***$273,656***	***$1,939,978***	
338	Fixtures (A)	08-18-2014	03-26-2024	2	35%	$9.64	$164,253		Upgrade all plumbing fixtures
1345	Supply Piping (B)	09-28-2020	03-26-2024	2	11%	$20.43	$109,403		Replace pipe insulation where damaged.
System: Electrical System (9)						***Totals:***	***$174,525***	***$1,800,260***	
340	Lighting (B)	08-18-2014	03-26-2024	4	21%	$9.76	$99,779		Several mix-matched bulbs create poor lighting environment. Replace w/ matching where required.
863	Distribution (C)	08-18-2014	03-26-2024	4	8%	$11.93	$46,462		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	03-26-2024	3	7%	$8.30	$28,284		Remove abandoned wire.
System: Conveying (10)						***Totals:***	***$17,788***	***$296,473***	
342	Elevator/Lift (A)	08-18-2014	03-26-2024	2	6%	$6.09	$17,788		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
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Site: General Services- Complex | **Area Correction:** 1.04 | **Last Audit Date:** 3/26/2024

Building: DPHHS | **Gross Area:** 48,682 Sq Ft | **Report Renewal Cost:** $3,010,987

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $242.94 | **Deficiency Ratio:** 25.5%

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

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

Site: General Services- Complex
Building: DPHHS Commodities Warehouse
Building Type/ Age Class: Warehouse/Storage Facilities (8C)
Const. Date: 1996

Area Correction: 1.08
Gross Area: 38,000 Sq Ft
Cost/Sq Ft: $115.84
Replacement Cost: $4,401,920

Last Audit Date: 7/27/2022
Report Renewal Cost: $1,074,952
Deficiency Ratio: 24.4%

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.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: General Services- Complex
Building: DPHHS Commodities Warehouse
Building Type/ Age Class: Warehouse/Storage Facilities (8C)
Const. Date: 1996

Area Correction: 1.08
Gross Area: 38,000 Sq Ft
Cost/Sq Ft: $115.84
Replacement Cost: $4,401,920

Last Audit Date: 7/27/2022
Report Renewal Cost: $1,074,952
Deficiency Ratio: 24.4%

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 (	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 (	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 by Building

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

Site: General Services- Complex
Building: DPHHS Commodities Warehouse
Building Type/ Age Class: Warehouse/Storage Facilities (8C)
Const. Date: 1996

Area Correction: 1.08
Gross Area: 38,000 Sq Ft
Cost/Sq Ft: $115.84
Replacement Cost: $4,401,920

Last Audit Date: 7/27/2022
Report Renewal Cost: $1,074,952
Deficiency Ratio: 24.4%

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 by Building

Def. Categories
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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

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).

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:** 5/11/2022

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

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 (	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 (	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 by Building

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

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

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

Site: General Services- Complex
Building: FWP Field Services-1400 8th
Building Type/ Age Class: House, Single Family (31B)
Const. Date: 1964

Area Correction: 1.44
Gross Area: 2,004 Sq Ft
Cost/Sq Ft: $140.34
Replacement Cost: $281,241

Last Audit Date: 5/23/2019
Report Renewal Cost: $77,831
Deficiency Ratio: 27.7%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$1,068***	***$10,802***	
534	Exterior Steps/Retaining Walls (B)	11-05-2014	11-05-2014	2	25%	$0.82	$411		Remove replace concrete pads
1075	Exterior Steps/Retaining Walls (B)	05-23-2019	05-23-2019	2	10%	$0.82	$164		Replace steps. Rebar is exposed.
1076	Exterior Steps/Retaining Walls (B)	05-23-2019	05-23-2019	2	30%	$0.82	$493		Steps are crumbling and settling.
System: Envelope (2)						***Totals:***	***$3,341***	***$39,659***	
531	Exterior Walls (A)	11-05-2014	11-05-2014	2	5%	$13.77	$1,380		Repaint soffit
1077	Exterior Windows (B)	05-23-2019	05-23-2019	5	25%	$2.77	$1,388		Replace single pane windows and install with insulated glass.
1078	Exterior Windows (B)	05-23-2019	05-23-2019	2	10%	$2.77	$555		Hardware is all original. Replace as needed for functionality.
1079	Exterior Doors/Hatches (C)	05-23-2019	05-23-2019	2	2%	$0.45	$18		The front door lock assembly needs repair.
System: Roof System (4)						***Totals:***	***$1,972***	***$7,034***	
1080	Covering (B)	05-23-2019	05-23-2019	2	5%	$1.68	$168		Only has gutters on two sides of roof.
532	Insulation (C)	11-05-2014	11-05-2014	5	100%	$0.90	$1,804		Install insulation
System: Finishes (5)						***Totals:***	***$19,715***	***$60,160***	
533	Interior Doors/Hardware/Windows (	11-05-2014	11-05-2014	2	100%	$8.51	$17,054		replace windows
1081	Floor Finishes (D)	05-23-2019	05-23-2019	2	20%	$6.64	$2,661		The entire building needs recarpeting because of wear and tear.
System: Specialties (6)						***Totals:***	***$3,407***	***$10,761***	
538	Signage/Directories (B)	11-05-2014	11-05-2014	3	100%	$1.70	$3,407		Install 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:**	5/23/2019
Building:	FWP Field Services-1400 8th	**Gross Area:**	2,004 Sq Ft	**Report Renewal Cost:**	$77,831
Building Type/ Age Class:	House, Single Family (31B)	**Cost/Sq Ft:**	$140.34	**Deficiency Ratio:**	27.7%
Const. Date:	1964	**Replacement Cost:**	$281,241		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$39,498***	***$42,986***	
535	Heating (A)	11-05-2014	11-05-2014	2	100%	$9.86	$19,759		Replace furnace
536	Cooling (C)	11-05-2014	11-05-2014	2	100%	$9.85	$19,739		Install air conditioning
System: Electrical System (9)						***Totals:***	***$8,737***	***$25,290***	
537	Distribution (C)	11-05-2014	11-05-2014	2	100%	$4.36	$8,737		Add panel; panels full. Remove obselete wiring.
System: Safety System (11)						***Totals:***	***$93***	***$14,970***	
1085	Exit/Emergency Lighting/Alarms (C	05-23-2019	05-23-2019	3	5%	$0.93	$93		Original construction for residential. Apply exist lighting as needed.

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:** 5/23/2019

Building: FWP Parks Division 1404 8th | **Gross Area:** 2,114 Sq Ft | **Report Renewal Cost:** $88,481

Building Type/ Age Class: House, Single Family (31B) | **Cost/Sq Ft:** $140.34 | **Deficiency Ratio:** 29.8%

Const. Date: 1961 | **Replacement Cost:** $296,679

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$2,878***	***$11,394***	
483	Footings/Foundation Walls (A)	11-05-2014	11-05-2014	2	3%	$4.57	$290		reseal foundations, plan for runoff
1087	Footings/Foundation Walls (A)	05-23-2019	05-23-2019	2	5%	$4.57	$483		Steps are cracking and settling.
1089	Footings/Foundation Walls (A)	05-23-2019	05-23-2019	2	20%	$4.57	$1,932		Steps at south entry have some structural issues. Cracking and settling seen at the south, north entry the stairs are cracking at handrail attachment.
1088	Exterior Steps/Retaining Walls (B)	05-23-2019	05-23-2019	2	10%	$0.82	$173		Railing is rusting and weathering.
System: Envelope (2)						***Totals:***	***$7,406***	***$41,836***	
485	Exterior Walls (A)	11-05-2014	11-05-2014	2	5%	$13.77	$1,455		Paint repair soffit
481	Exterior Windows (B)	11-05-2014	11-05-2014	2	100%	$2.77	$5,856		Install new windows. Use insulated glass. Replace original hardware as needed.
482	Exterior Doors/Hatches (C)	11-05-2014	05-23-2019	2	10%	$0.45	$95		Cracking noticed in doors from water damage. The 11/5/2014 audit findings were that both doors needed to be replaced. Bringing down to 10, need clarification.
System: Floor System (3)						***Totals:***	***$2,275***	***$45,493***	
486	Floor Structure (A)	11-05-2014	11-05-2014	2	5%	$17.92	$1,894		Investigate low spot in hall floor
1091	Stair Treads/Risers (B)	05-23-2019	05-23-2019	2	5%	$3.60	$381		Recarpet stairs.
System: Roof System (4)						***Totals:***	***$1,974***	***$7,420***	
1092	Covering (B)	05-23-2019	05-23-2019	2	2%	$1.68	$71		Gutter straps incorrectly installed.
480	Insulation (C)	11-05-2014	11-05-2014	5	100%	$0.90	$1,903		Install insulation

Administration - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: General Services- Complex
Building: FWP Parks Division 1404 8th
Building Type/ Age Class: House, Single Family (31B)
Const. Date: 1961

Area Correction: 1.44
Gross Area: 2,114 Sq Ft
Cost/Sq Ft: $140.34
Replacement Cost: $296,679

Last Audit Date: 5/23/2019
Report Renewal Cost: $88,481
Deficiency Ratio: 29.8%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$14,937***	***$63,462***	
1093	Interior Doors/Hardware/Windows (	05-23-2019	05-23-2019	3	5%	$8.51	$900		No door on furnace room.
484	Floor Finishes (D)	11-05-2014	05-23-2019	2	100%	$6.64	$14,037		Install carpet. LVT coming up in bathroom, especially need carpet in the basement
System: Specialties (6)						***Totals:***	***$3,594***	***$11,352***	
489	Signage/Directories (B)	11-05-2014	05-23-2019	3	100%	$1.70	$3,594		Install signage. Since this is a residential building being used for office space - complete the installs as needed.
System: HVAC System (7)						***Totals:***	***$24,522***	***$45,345***	
487	Heating (A)	11-05-2014	05-23-2019	2	100%	$9.86	$20,844		Install new heat system. Boiler is past its life expectancy.
488	Ventilating (B)	11-05-2014	11-05-2014	2	100%	$1.74	$3,678		Install split system for ventilating
System: Plumbing System (8)						***Totals:***	***$27,778***	***$50,736***	
490	Fixtures (A)	11-05-2014	11-05-2014	2	100%	$8.01	$16,933		Replace all fixtures. Toilets are still original to the building.
491	Waste Piping (C)	11-05-2014	11-05-2014	2	100%	$5.13	$10,845		Remove Replace waste piping
System: Electrical System (9)						***Totals:***	***$3,019***	***$26,679***	
1101	Lighting (B)	05-23-2019	05-23-2019	2	40%	$3.57	$3,019		Replace original panel and remove obselete wiring.
System: Safety System (11)						***Totals:***	***$98***	***$15,792***	
1103	Exit/Emergency Lighting/Alarms (C	05-23-2019	05-23-2019	3	5%	$0.93	$98		No existing exit lighting. Install 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:**	1.44	**Last Audit Date:**	8/31/2015
Building:	GSD Landscape Shop 425 Roberts	**Gross Area:**	4,444 Sq Ft	**Report Renewal Cost:**	$103,270
Building Type/ Age Class:	General Classroom/Office (3A)	**Cost/Sq Ft:**	$318.99	**Deficiency Ratio:**	7.3%
Const. Date:	1939	**Replacement Cost:**	$1,417,592		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$4,253***	***$41,818***	
636	Exterior Steps/Retaining Walls (B)	08-31-2015	08-31-2015	2	30%	$3.19	$4,253		Remove badly damaged/spalling/cracked front steps. Investigate cost on new exit
System: Envelope (2)						***Totals:***	***$57,181***	***$134,964***	
637	Exterior Walls (A)	08-31-2015	08-31-2015	2	30%	$8.24	$10,986		Stucco wall coating coming off, wood on walls around windows are rotting out. Re-side with metal sheet siding.
639	Exterior Windows (B)	08-31-2015	08-31-2015	2	100%	$9.51	$42,262		Remove and Replace vinyl windows.
638	Exterior Doors/Hatches (C)	08-31-2015	08-31-2015	2	50%	$1.77	$3,933		Replace aging doors (Two near Brian's office). The other two doors need a re-paint
System: HVAC System (7)						***Totals:***	***$41,836***	***$159,762***	
640	Heating (A)	08-31-2015	08-31-2015	1	60%	$15.69	$41,836		Relocate shop heater to remove hazard and improve safety. Note: although no deficiencies were captured in electrical a work order was generated to secure the masthead outside of the building.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: General Services- Complex
Building: LivestockMilk Control-1225 8th
Building Type/ Age Class: House, Single Family (31A)
Const. Date: 1949

Area Correction: 1.44
Gross Area: 1,707 Sq Ft
Cost/Sq Ft: $135.24
Replacement Cost: $230,855

Last Audit Date: 6/22/2021
Report Renewal Cost: $105,209
Deficiency Ratio: 45.6%

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 (	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 by Building

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

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 by Building

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

Site: General Services- Complex
Area Correction: 0.94
Last Audit Date: 9/22/2020
Building: Mazurek
Gross Area: 103,864 Sq Ft
Report Renewal Cost: $2,912,916
Building Type/ Age Class: General Classroom/Office (3C)
Cost/Sq Ft: $222.56
Deficiency Ratio: 12.6%
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:** 9/22/2020

Building: Mazurek | **Gross Area:** 103,864 Sq Ft | **Report Renewal Cost:** $2,912,916

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $222.56 | **Deficiency Ratio:** 12.6%

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:***	***$937,913***	***$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.
1437	Ventilating (B)	09-22-2020	09-22-2020	2	10%	$5.12	$53,178		Pneumatic controls are an antiquated and inefficient technology approaching end of life. Replace all pneumatic controls with direct digital controls and integrate into a comprehensive building automation system.
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:** 9/22/2020

Building: Mazurek | **Gross Area:** 103,864 Sq Ft | **Report Renewal Cost:** $2,912,916

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $222.56 | **Deficiency Ratio:** 12.6%

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:** 5/9/2023

Building: Metcalf | **Gross Area:** 92,080 Sq Ft | **Report Renewal Cost:** $6,524,972

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $227.30 | **Deficiency Ratio:** 31.2%

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:***	***$158,746***	***$479,737***	
1747	Footings/Foundation Walls (A)	05-09-2023	05-09-2023	2	25%	$4.14	$95,303		Damaged noted at interior alls - settlement issues likely
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:***	***$504,782***	***$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
1749	Exterior Walls (A)	05-09-2023	05-09-2023	2	5%	$5.49	$25,276		Cracks noted in passive heating corridor space
1750	Exterior Walls (A)	05-09-2023	05-09-2023	3	10%	$5.49	$50,552		Insulation does not meet current codes
1752	Exterior Walls (A)	05-09-2023	05-09-2023	2	35%	$5.49	$176,932		aging bricks
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
1753	Exterior Windows (B)	05-09-2023	05-09-2023	2	25%	$7.46	$171,729		aging windows
1349	Exterior Doors/Hatches (C)	10-05-2020	05-09-2023	2	30%	$1.18	$32,596		Replace failing door hardware. Refurbish and paint roof access frame and door. Seeing cracks near columns
System: Floor System (3)						***Totals:***	***$460,952***	***$2,304,762***	
1755	Floor Structure (A)	05-09-2023	05-09-2023	2	20%	$19.20	$353,587		cracks noted on floors
1351	Stair Treads/Risers (B)	10-05-2020	05-09-2023	2	20%	$5.83	$107,365		Monitor microcracking throughout all stair landings and treads.

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:** 5/9/2023

Building: Metcalf | **Gross Area:** 92,080 Sq Ft | **Report Renewal Cost:** $6,524,972

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $227.30 | **Deficiency Ratio:** 31.2%

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: Roof System (4)						***Totals:***	***$364,544***	***$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.
1757	Insulation (C)	05-09-2023	05-09-2023	2	90%	$1.83	$151,656		Water leaks - damaged insulation
System: Finishes (5)						***Totals:***	***$839,438***	***$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	05-09-2023	2	4%	$11.84	$43,609		Replace damaged tiles
1356	Interior Doors/Hardware/Windows (	10-05-2020	05-09-2023	2	7%	$9.75	$62,845		Replace failing hardware, and re-finish door slabs and frames where required
232	Floor Finishes (D)	06-23-2014	05-09-2023	2	75%	$6.77	$467,536		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:***	***$247,373***	***$1,302,932***	
1359	Toilet Partitions (A)	10-05-2020	05-09-2023	2	67%	$2.19	$135,109		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
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: 5/9/2023
Report Renewal Cost: $6,524,972
Deficiency Ratio: 31.2%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$1,659,513***	***$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	05-09-2023	2	60%	$17.43	$962,973		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	05-09-2023	2	33%	$5.23	$158,921		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	05-09-2023	2	25%	$12.20	$280,844		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 | **Area Correction:** 0.96 | **Last Audit Date:** 5/9/2023

Building: Metcalf | **Gross Area:** 92,080 Sq Ft | **Report Renewal Cost:** $6,524,972

Building Type/ Age Class: General Classroom/Office (3C) | **Cost/Sq Ft:** $227.30 | **Deficiency Ratio:** 31.2%

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: Plumbing System (8)						***Totals:***	***$1,121,405***	***$3,430,901***	
1367	Fixtures (A)	10-05-2020	05-09-2023	2	48%	$9.36	$413,697		Flush valves and faucets are aged and failing. Replace fixtures and valves throughout building as required.
1368	Supply Piping (B)	10-05-2020	05-09-2023	2	35%	$18.86	$607,820		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	05-09-2023	2	12%	$9.04	$99,888		Replace pipe fittings which are aged and starting to fail. Install new trap primers where missing.
System: Electrical System (9)						***Totals:***	***$553,115***	***$3,426,297***	
243	Lighting (B)	06-23-2014	05-09-2023	5	9%	$10.01	$82,955		Replace ballasts, switches, photoeye sensors, and occupancy sensors throughout building as required.
1371	Voice/Data (D)	10-05-2020	05-09-2023	1	60%	$8.51	$470,160		Remove abandoned voice/data cabling throughout building.
System: Conveying (10)						***Totals:***	***$445,833***	***$518,410***	
248	Elevator/Lift (A)	06-23-2014	05-09-2023	2	61%	$5.63	$316,230		Replace damaged cab finishes, aged and failing hoist way assemblies, and add fire recall to the controls.
1759	Elevator/Lift (A)	05-09-2023	05-09-2023	1	25%	$5.63	$129,603		no fire recall

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:**	5/9/2023
Building:	Metcalf	**Gross Area:**	92,080 Sq Ft	**Report Renewal Cost:**	$6,524,972
Building Type/ Age Class:	General Classroom/Office (3C)	**Cost/Sq Ft:**	$227.30	**Deficiency Ratio:**	31.2%
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 by Building

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

Site: General Services- Complex | **Area Correction:** 0.94 | **Last Audit Date:** 3/12/2024

Building: Mitchell | **Gross Area:** 130,320 Sq Ft | **Report Renewal Cost:** $6,455,175

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $208.23 | **Deficiency Ratio:** 23.8%

Const. Date: 1949 | **Replacement Cost:** $27,136,534

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$128,391***	***$800,165***	
1191	Footings/Foundation Walls (A)	06-15-2020	03-12-2024	2	15%	$4.06	$79,365		Microcracking in concrete walls of East addition
64	Exterior Steps/Retaining Walls (B)	04-28-2014	06-15-2020	2	1%	$2.09	$2,724		Resurface west stairwell sidewings of steps
1715	Exterior Steps/Retaining Walls (B)	03-12-2024	03-12-2024	2	15%	$2.09	$40,855		patch north stairwell. Resurface west stairwell sidewings of steps
1716	Exterior Steps/Retaining Walls (B)	03-12-2024	03-12-2024	3	2%	$2.09	$5,447		upgrade guardrails per ADA code
System: Envelope (2)						***Totals:***	***$1,285,932***	***$2,582,942***	
67	Exterior Walls (A)	04-28-2014	03-12-2024	2	75%	$5.38	$525,841		Clean and patch Exterior Insulation Finish System (EIFS). Re-coat entire assembly
1193	Exterior Walls (A)	06-15-2020	03-12-2024	2	15%	$5.38	$105,168		Repaint east addition
1195	Exterior Windows (B)	06-15-2020	03-12-2024	2	75%	$6.21	$606,965		Replace missing windows and worn hardware.
1733	Exterior Doors/Hatches (C)	03-12-2024	03-12-2024	2	16%	$1.15	$23,979		Paint metal doors
1737	Exterior Doors/Hatches (C)	03-12-2024	03-12-2024	2	16%	$1.15	$23,979		Repaint metal doors
System: Roof System (4)						***Totals:***	***$256,796***	***$1,000,858***	
1735	Covering (B)	03-12-2024	03-12-2024	2	35%	$3.83	$174,694		Roof coatingis aged and failing in many places. Reroof
1197	Insulation (C)	06-15-2020	03-12-2024	2	35%	$1.80	$82,102		Replace water saturated roof insulation

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:** 3/12/2024

Building: Mitchell | **Gross Area:** 130,320 Sq Ft | **Report Renewal Cost:** $6,455,175

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $208.23 | **Deficiency Ratio:** 23.8%

Const. Date: 1949 | **Replacement Cost:** $27,136,534

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$2,113,400***	***$6,731,028***	
734	Ceilings (B)	04-28-2014	03-12-2024	2	23%	$12.75	$382,163		Replace ceiling tiles as needed.
1199	Ceilings (B)	06-15-2020	06-15-2020	6	50%	$12.75	$830,790		Replace mismatched ceiling tiles
1201	Interior Doors/Hardware/Windows (	06-15-2020	03-12-2024	2	14%	$9.55	$174,238		Normal wear/tear on slabs, hardware, and frames
736	Floor Finishes (D)	04-28-2014	03-12-2024	2	45%	$7.29	$427,515		Carpet is wore out, level floor and replace carpet
77	Wall Finishes (E)	04-28-2014	03-12-2024	2	22%	$7.64	$219,042		Repaint minor scratches and holes.
78	Wall Finishes (E)	04-28-2014	03-12-2024	2	8%	$7.64	$79,652		Regrout/reseal tiles in restrooms. Tiles are falling off and can no longer get matches. Replace
System: Specialties (6)						***Totals:***	***$98,014***	***$1,721,527***	
80	Toilet Partitions (A)	04-28-2014	04-28-2014	2	1%	$1.61	$2,098		Paint toilet partitions
1203	Toilet Partitions (A)	06-15-2020	06-15-2020	6	5%	$1.61	$10,491		Upgrade toilet partitions
738	Signage/Directories (B)	04-28-2014	07-27-2016	3	95%	$0.69	$85,425		Update/install room numbers and directories.

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:** 3/12/2024

Building: Mitchell | **Gross Area:** 130,320 Sq Ft | **Report Renewal Cost:** $6,455,175

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $208.23 | **Deficiency Ratio:** 23.8%

Const. Date: 1949 | **Replacement Cost:** $27,136,534

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)					***Totals:***		***$713,422***	***$3,058,610***	
82	Heating (A)	04-28-2014	06-15-2020	4	3%	$10.24	$40,034		Test and Balance addition
88	Heating (A)	04-28-2014	03-12-2024	4	4%	$10.24	$53,379		Modify HVAC for thermal zoning
1205	Heating (A)	06-15-2020	03-12-2024	4	29%	$10.24	$386,998		Upgrade controls
83	Ventilating (B)	04-28-2014	06-15-2020	5	20%	$1.28	$33,362		Test and Balance addition
85	Ventilating (B)	04-28-2014	06-15-2020	4	25%	$1.28	$41,702		Install Restroom ventilation
86	Ventilating (B)	04-28-2014	03-12-2024	3	10%	$1.28	$16,681		Provide occupant ventilation rooms in rooms w/o operable windows
90	Ventilating (B)	04-28-2014	04-28-2014	4	10%	$1.28	$16,681		Install modern controls on fan coils in addition
84	Cooling (C)	04-28-2014	03-12-2024	5	2%	$11.95	$31,146		Test and Balance addition
89	Cooling (C)	04-28-2014	03-12-2024	4	6%	$11.95	$93,439		Modify HVAC for thermal zoning
System: Plumbing System (8)					***Totals:***		***$969,163***	***$4,099,867***	
740	Fixtures (A)	04-28-2014	03-12-2024	5	15%	$6.88	$134,490		Replace with water savings fixtures - faucets.
1207	Supply Piping (B)	06-15-2020	03-12-2024	2	28%	$16.62	$606,457		Wear / tear. Replace as req'd
1209	Waste Piping (C)	06-15-2020	03-12-2024	2	22%	$7.96	$228,216		Replace waste piping corrosive visible cracking

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:** 3/12/2024

Building: Mitchell | **Gross Area:** 130,320 Sq Ft | **Report Renewal Cost:** $6,455,175

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $208.23 | **Deficiency Ratio:** 23.8%

Const. Date: 1949 | **Replacement Cost:** $27,136,534

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$788,460***	***$3,963,031***	
96	Lighting (B)	04-28-2014	04-28-2014	5	2%	$7.84	$20,434		Install occupancy sensors
97	Lighting (B)	04-28-2014	04-28-2014	4	5%	$7.84	$51,085		Install dual level switching
98	Lighting (B)	04-28-2014	03-12-2024	5	15%	$7.84	$153,256		Upgrade light fixtures
103	Lighting (B)	04-28-2014	03-12-2024	3	3%	$7.84	$30,651		Install egress lighting
101	Distribution (C)	04-28-2014	03-12-2024	2	25%	$9.59	$312,442		Replace all obsolete panels-original building
102	Distribution (C)	04-28-2014	06-15-2020	2	10%	$9.59	$124,977		Replace motor control center east wing penthouse
742	Voice/Data (D)	04-28-2014	07-27-2016	1	1%	$6.67	$8,692		Remove abandoned wire in tunnel.
744	Voice/Data (D)	04-28-2014	07-27-2016	3	10%	$6.67	$86,923		Remove abandoned wiring in closets.
System: Safety System (11)						***Totals:***	***$101,597***	***$1,698,070***	
104	Extinguishing System (B)	04-28-2014	04-28-2014	3	5%	$5.26	$34,274		Review fire sprinkler in basement area- new construction
110	Extinguishing System (B)	04-28-2014	04-28-2014	3	1%	$5.26	$6,855		Investigate fire sprinkler code for basement assembly area
106	Exit/Emergency Lighting/Alarms (C	04-28-2014	04-28-2014	3	5%	$4.64	$30,234		Add exit signs where required
108	Exit/Emergency Lighting/Alarms (C	04-28-2014	04-28-2014	2	5%	$4.64	$30,234		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:** 0.96 | **Last Audit Date:** 10/11/2017

Building: Montana Historical Society | **Gross Area:** 93,653 Sq Ft | **Report Renewal Cost:** $4,165,238

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $224.26 | **Deficiency Ratio:** 19.8%

Const. Date: 1950 | **Replacement Cost:** $21,002,622

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 | **Area Correction:** 0.96 | **Last Audit Date:** 10/11/2017

Building: Montana Historical Society | **Gross Area:** 93,653 Sq Ft | **Report Renewal Cost:** $4,165,238

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $224.26 | **Deficiency Ratio:** 19.8%

Const. Date: 1950 | **Replacement Cost:** $21,002,622

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:** 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

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.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: General Services- Complex
Building: Montana Wild/Discovery Center
Building Type/ Age Class: Teaching/Research Labs (4A)
Const. Date: 1892

Area Correction: 1.44
Gross Area: 8,940 Sq Ft
Cost/Sq Ft: $356.08
Replacement Cost: $3,183,355

Last Audit Date: 7/6/2022
Report Renewal Cost: $442,248
Deficiency Ratio: 13.9%

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 (	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 (	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 by Building

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

Site: General Services- Complex
Building: Montana Wild/Discovery Center
Building Type/ Age Class: Teaching/Research Labs (4A)
Const. Date: 1892
Area Correction: 1.44
Gross Area: 8,940 Sq Ft
Cost/Sq Ft: $356.08
Replacement Cost: $3,183,355
Last Audit Date: 7/6/2022
Report Renewal Cost: $442,248
Deficiency Ratio: 13.9%

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 by Building

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

Site: General Services- Complex
Building: MT Wild Rehabilitation Center
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 1990
Area Correction: 1.44
Gross Area: 500 Sq Ft
Cost/Sq Ft: $391.88
Replacement Cost: $195,940
Last Audit Date: 7/6/2022
Report Renewal Cost: $70,788
Deficiency Ratio: 36.1%

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 by Building

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

Site: General Services- Complex
Building: MT Wild Rehabilitation Center
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 1990

Area Correction: 1.44
Gross Area: 500 Sq Ft
Cost/Sq Ft: $391.88
Replacement Cost: $195,940

Last Audit Date: 7/6/2022
Report Renewal Cost: $70,788
Deficiency Ratio: 36.1%

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 (	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 (	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.

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

Site: General Services- Complex
Building: MT Wild Rehabilitation Center
Building Type/ Age Class: Teaching/Research Labs (4C)
Const. Date: 1990
Area Correction: 1.44
Gross Area: 500 Sq Ft
Cost/Sq Ft: $391.88
Replacement Cost: $195,940
Last Audit Date: 7/6/2022
Report Renewal Cost: $70,788
Deficiency Ratio: 36.1%

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

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

Site: General Services- Complex | **Area Correction:** 1.44 | **Last Audit Date:** 4/2/2024

Building: OGM Carriage House | **Gross Area:** 2,764 Sq Ft | **Report Renewal Cost:** $45,384

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $318.99 | **Deficiency Ratio:** 5.1%

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:***	***$17,605***	***$26,009***	
140	Footings/Foundation Walls (A)	05-09-2014	04-02-2024	2	25%	$6.21	$4,291		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	04-02-2024	2	50%	$6.21	$8,582		Foundation is settling, predominately in the south west corner. Excavate and provide structural reinforcement. East side shows signs of settling and deterioration
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:***	***$14,953***	***$83,943***	
141	Exterior Walls (A)	05-09-2014	04-02-2024	2	19%	$8.24	$4,327		Repoint and seal exterior bricks
142	Exterior Windows (B)	05-09-2014	04-02-2024	2	37%	$9.51	$9,726		Repair and repaint windows
144	Interior Columns/Beams (D)	05-09-2014	04-02-2024	2	3%	$10.85	$900		Repair gable beam/ends.
System: Floor System (3)						***Totals:***	***$7,960***	***$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
System: Roof System (4)						***Totals:***	***$4,866***	***$32,532***	
145	Covering (B)	05-09-2014	04-02-2024	2	10%	$5.87	$1,622		Replace flashing/ valley tin, rain gutters and misc shingles.
774	Covering (B)	11-28-2016	04-02-2024	2	10%	$5.87	$1,622		Repair flashing on east side.
775	Covering (B)	11-28-2016	07-13-2020	2	10%	$5.87	$1,622		Paint exterior trim and gable ends

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:** 5/23/2023

Building: Old Board of Health | **Gross Area:** 8,265 Sq Ft | **Report Renewal Cost:** $1,074,935

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $318.99 | **Deficiency Ratio:** 40.8%

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:***	***$51,326***	***$77,774***	
27	Footings/Foundation Walls (A)	04-18-2014	05-23-2023	2	50%	$6.21	$25,663		Repair existing stone foundation
28	Footings/Foundation Walls (A)	04-18-2014	05-23-2023	2	50%	$6.21	$25,663		Mitigate groundwater/ landscape water around perimeter
System: Envelope (2)						***Totals:***	***$153,455***	***$251,008***	
29	Exterior Walls (A)	04-18-2014	05-23-2023	2	46%	$8.24	$31,328		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	05-23-2023	2	10%	$8.24	$6,810		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	05-23-2023	2	30%	$9.51	$23,580		Paint and reseal penthouse windows
34	Exterior Windows (B)	04-18-2014	05-23-2023	2	30%	$9.51	$23,580		Refurbish existing historical architectural windows
1180	Exterior Windows (B)	06-08-2020	05-23-2023	3	30%	$9.51	$23,580		Replace penthouse windows w/ double pane
1181	Exterior Windows (B)	06-08-2020	05-23-2023	2	5%	$9.51	$3,930		Replace broken and wore out hardware on penthouse windows
35	Exterior Doors/Hatches (C)	04-18-2014	05-23-2023	2	10%	$1.77	$1,463		Paint all exterior metal doors
1182	Exterior Doors/Hatches (C)	06-08-2020	06-08-2020	2	35%	$1.77	$5,120		Replace wood door slab from penthouse, and replace west third floor door that has rusted through.
1743	Interior Columns/Beams (D)	05-23-2023	05-23-2023	2	19%	$10.85	$17,038		Interior columns beams showing surface cracking and need repair
System: Floor System (3)						***Totals:***	***$90,535***	***$310,268***	
1739	Floor Structure (A)	05-23-2023	05-23-2023	2	35%	$28.80	$83,311		Lower floor over crawlspace has some exposed steel, and cracks
1184	Stair Treads/Risers (B)	06-08-2020	05-23-2023	2	10%	$8.74	$7,224		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:** 5/23/2023

Building: Old Board of Health | **Gross Area:** 8,265 Sq Ft | **Report Renewal Cost:** $1,074,935

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $318.99 | **Deficiency Ratio:** 40.8%

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:***	***$76,629***	***$97,279***	
1745	Structure (A)	05-23-2023	05-23-2023	2	30%	$3.15	$7,810		Repairs as needed due to roofing leaks
1185	Covering (B)	06-08-2020	05-23-2023	3	45%	$5.87	$21,832		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	05-23-2023	2	100%	$2.75	$22,729		Upgrade roof insulation
System: Finishes (5)						***Totals:***	***$117,558***	***$654,009***	
1188	Interior Wall Systems (A)	06-08-2020	05-23-2023	2	29%	$22.09	$52,946		Repair water damage and repaint on first floor
38	Ceilings (B)	04-18-2014	05-23-2023	2	20%	$19.54	$32,300		Plaster ceilings
1189	Floor Finishes (D)	06-08-2020	05-23-2023	2	35%	$11.17	$32,312		Wear/tear on carpet
System: Specialties (6)						***Totals:***	***$10,589***	***$167,284***	
1741	Toilet Partitions (A)	05-23-2023	05-23-2023	2	37%	$2.46	$7,523		Wear and tare due to age, maintenance ongoing
40	Signage/Directories (B)	04-18-2014	05-23-2023	3	35%	$1.06	$3,066		Replace missing signage and add directional signage
System: HVAC System (7)						***Totals:***	***$86,225***	***$297,127***	
41	Heating (A)	04-18-2014	05-23-2023	2	25%	$15.69	$32,419		Replace steam and condensate pipe
42	Heating (A)	04-18-2014	05-23-2023	2	29%	$15.69	$37,607		Replace Steam boiler
44	Ventilating (B)	04-18-2014	04-18-2014	3	100%	$1.96	$16,199		Install exhaust in restrooms

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:** 5/23/2023

Building: Old Board of Health | **Gross Area:** 8,265 Sq Ft | **Report Renewal Cost:** $1,074,935

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $318.99 | **Deficiency Ratio:** 40.8%

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: Plumbing System (8)						***Totals:***	***$292,895***	***$398,290***	
719	Fixtures (A)	04-18-2014	05-23-2023	2	40%	$10.53	$34,812		Replace fixtures as needed.
716	Supply Piping (B)	04-18-2014	05-23-2023	2	80%	$25.46	$168,342		Replace supply piping system.
48	Waste Piping (C)	04-18-2014	05-23-2023	2	89%	$12.20	$89,741		Replace waste piping system.
System: Electrical System (9)						***Totals:***	***$142,836***	***$385,066***	
49	Lighting (B)	04-18-2014	04-18-2014	5	10%	$12.01	$9,926		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	05-23-2023	2	85%	$14.68	$103,131		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: 0.98
Last Audit Date: 7/7/2015
Building: Old Liquor Warehouse
Gross Area: 62,370 Sq Ft
Report Renewal Cost: $786,261
Building Type/ Age Class: Warehouse/Storage Facilities (8A)
Cost/Sq Ft: $103.32
Deficiency Ratio: 12.2%
Const. Date: 1936
Replacement Cost: $6,444,068

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$11,956***	***$530,145***	
592	Footings/Foundation Walls (A)	07-07-2015	07-07-2015	2	2%	$6.33	$7,896		Spalling seen at loading dock walls at west side of the building. Following that around to the North side near the stairs is some additional spalling. Some holes in foundation present near stairs on North side landing dock
593	Exterior Steps/Retaining Walls (B)	07-07-2015	07-07-2015	2	3%	$2.17	$4,060		Spalling on main entrance steps - repair needed.
System: Envelope (2)						***Totals:***	***$175,185***	***$1,617,254***	
594	Exterior Walls (A)	07-07-2015	07-07-2015	2	20%	$12.76	$159,168		Re-point parapet walls. Point and clean areas.
598	Exterior Walls (A)	07-07-2015	07-07-2015	2	2%	$12.76	$15,917		Fascia are weathered. Repaint needed.
597	Exterior Windows (B)	07-07-2015	07-07-2015	2	1%	$0.16	$100		Effervescense and staining noticed around some exterior window frames. This should be cleaned to prevent additional effervescense and rot.
System: Roof System (4)						***Totals:***	***$431,663***	***$903,118***	
600	Covering (B)	07-07-2015	07-07-2015	2	90%	$7.69	$431,663		Roof Coverings are very worn out. Both the loading dock roof and main building roof should be replaced. Add in insulation when we replace the roof.
System: Finishes (5)						***Totals:***	***$7,222***	***$459,043***	
601	Floor Finishes (D)	07-07-2015	07-07-2015	2	3%	$3.86	$7,222		Carpet is in bad shape in some areas. Flooring in some areas is not ideal for a print shop environment.

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:** 7/7/2015

Building: Old Liquor Warehouse | **Gross Area:** 62,370 Sq Ft | **Report Renewal Cost:** $786,261

Building Type/ Age Class: Warehouse/Storage Facilities (8A) | **Cost/Sq Ft:** $103.32 | **Deficiency Ratio:** 12.2%

Const. Date: 1936 | **Replacement Cost:** $6,444,068

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$101,788***	***$318,711***	
602	Ventilating (B)	07-07-2015	07-07-2015	3	80%	$1.02	$50,894		Ventilation System should be replaced. Need better exhaust capabilities for the building.
603	Cooling (C)	07-07-2015	07-07-2015	3	80%	$1.02	$50,894		Cooling needs more capacity. Cooling capabilities need to be added to support specialty print shop equipment. Currently portable air conditioners have to be brought in when it gets really hot. Address these types of issues to improve cooling.
System: Plumbing System (8)						***Totals:***	***$40,416***	***$381,081***	
604	Fixtures (A)	07-07-2015	07-07-2015	2	80%	$0.81	$40,416		Fixtures are very old. Replace with water savings fixtures. Removing toilets that use flushometers will require some work to upgrade.
System: Conveying (10)						***Totals:***	***$15,998***	***$319,958***	
606	Elevator/Lift (A)	07-07-2015	07-07-2015	2	5%	$5.13	$15,998		The Hydraulic elevator is very old - at one point the elevator had water in it on ground level. The elevator is working but it needs maitenance and attention.
System: Safety System (11)						***Totals:***	***$2,033***	***$942,411***	
608	Egress (A)	07-07-2015	07-07-2015	1	1%	$3.26	$2,033		Egress is limited for the basement storage area. The 1% was just to capture this as an item to be aware of. WO will be put in place for checking emergency lighting. There are sprinklers in all the key areas of the 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:** 2/27/2024

Building: Old Livestock | **Gross Area:** 7,936 Sq Ft | **Report Renewal Cost:** $322,051

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $318.99 | **Deficiency Ratio:** 12.7%

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: Foundations (1)						***Totals:***	***$14,920***	***$74,678***	
1709	Footings/Foundation Walls (A)	03-05-2024	02-27-2024	2	20%	$6.21	$9,857		Repair existing foundation/cracking
1710	Exterior Steps/Retaining Walls (B)	03-05-2024	02-27-2024	2	20%	$3.19	$5,063		Repair deterioration as needed for safety purposes
System: Envelope (2)						***Totals:***	***$34,587***	***$241,016***	
14	Exterior Walls (A)	04-18-2014	02-27-2024	2	26%	$8.24	$17,002		Reseal/repoint terra cotta Cornice.
15	Exterior Walls (A)	04-18-2014	02-27-2024	2	5%	$8.24	$3,270		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	02-27-2024	2	15%	$9.51	$11,321		Wood jambs showing deterioration
1215	Exterior Doors/Hatches (C)	06-22-2020	02-27-2024	2	12%	$1.77	$1,686		Wood doors showing age deterioration
System: Floor System (3)						***Totals:***	***$4,571***	***$297,917***	
16	Floor Structure (A)	04-18-2014	02-27-2024	3	2%	$28.80	$4,571		Build pitched floor in mechanical room for proper draining
System: Roof System (4)						***Totals:***	***$22,360***	***$93,407***	
1217	Covering (B)	06-22-2020	02-27-2024	2	48%	$5.87	$22,360		Acrylic coating is aged and peeling away at cornice.
System: Finishes (5)						***Totals:***	***$23,090***	***$627,976***	
17	Floor Finishes (D)	04-18-2014	02-27-2024	2	25%	$11.17	$22,161		Carpet is worn out, vinyl sheet flooring in restrooms is peeling and cracked
1219	Wall Finishes (E)	06-22-2020	02-27-2024	2	1%	$11.70	$929		Minor wear/tear scratches on walls.

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:** 2/27/2024

Building: Old Livestock | **Gross Area:** 7,936 Sq Ft | **Report Renewal Cost:** $322,051

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $318.99 | **Deficiency Ratio:** 12.7%

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: Specialties (6)						***Totals:***	***$841***	***$160,625***	
721	Signage/Directories (B)	04-18-2014	02-27-2024	3	10%	$1.06	$841		Install missing room and directional signage.
System: HVAC System (7)						***Totals:***	***$76,254***	***$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	02-27-2024	2	10%	$15.69	$12,452		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	02-27-2024	4	6%	$1.96	$933		Balance systems to reduce draft/noise and increase comfort
21	Cooling (C)	04-18-2014	02-27-2024	2	24%	$18.30	$34,855		Replace Obsolete control system
System: Plumbing System (8)						***Totals:***	***$133,778***	***$382,436***	
1223	Fixtures (A)	06-22-2020	02-27-2024	2	20%	$10.53	$16,713		Normal wear/tear on fixtures. Replace as req'd
1225	Supply Piping (B)	06-22-2020	02-27-2024	2	22%	$25.46	$44,451		Inadequate size/configuration/slope of waste piping in women's basement restroom.
1719	Waste Piping (C)	02-27-2024	02-27-2024	2	75%	$12.20	$72,614		Low spot in waste line 20 ft off building. Carries 30 ft and ties into Capitol Bldg
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
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: 7/23/2024
Report Renewal Cost: $2,623,394
Deficiency Ratio: 48.1%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$22,786***	***$126,586***	
434	Footings/Foundation Walls (A)	10-22-2014	07-23-2024	2	2%	$5.01	$2,017		Normal settling and deterioration due to age
923	Exterior Steps/Retaining Walls (B)	06-28-2018	07-23-2024	3	80%	$1.29	$20,769		Replace stairs. Sidewalk settling and needs replaced.
System: Envelope (2)						***Totals:***	***$152,721***	***$496,685***	
924	Exterior Windows (B)	06-28-2018	07-23-2024	2	75%	$9.02	$136,146		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)	06-28-2018	07-23-2024	2	58%	$1.42	$16,575		A few exterior doors were damaged and worn out. Replace.
System: Floor System (3)						***Totals:***	***$336,651***	***$608,580***	
927	Floor Structure (A)	06-28-2018	06-08-2021	3	63%	$23.20	$294,147		Floor structure out of compliance with current building codes and standards.
1380	Stair Treads/Risers (B)	06-08-2021	06-08-2021	2	30%	$7.04	$42,504		Tread/riser dimensions out of compliance.
System: Roof System (4)						***Totals:***	***$119,337***	***$178,308***	
928	Structure (A)	06-28-2018	07-23-2024	2	30%	$2.53	$15,275		Replace water damaged structure components.
436	Covering (B)	10-22-2014	07-23-2024	2	88%	$4.11	$72,788		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)	06-28-2018	07-23-2024	2	70%	$2.22	$31,274		Water damage present in insulation. Replace at time of re-roof.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

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: 7/23/2024
Report Renewal Cost: $2,623,394
Deficiency Ratio: 48.1%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$355,952***	***$1,187,778***	
931	Interior Wall Systems (A)	06-28-2018	07-23-2024	3	30%	$16.18	$97,687		Walls require attachment to structure
437	Interior Doors/Hardware/Windows (	10-22-2014	07-23-2024	2	60%	$11.78	$142,244		Replace locksets throughout
438	Floor Finishes (D)	10-22-2014	07-23-2024	2	60%	$8.18	$98,774		Replace carpet throughout. 5,000 sf of new carpet installed January 2024.
934	Wall Finishes (E)	06-28-2018	07-23-2024	2	10%	$8.57	$17,247		Maintenance paint complete in 2023
System: Specialties (6)						***Totals:***	***$7,698***	***$341,320***	
440	Signage/Directories (B)	10-22-2014	07-23-2024	3	45%	$0.85	$7,698		Signage is non-existant
System: HVAC System (7)						***Totals:***	***$788,329***	***$847,866***	
442	Heating (A)	10-22-2014	07-23-2024	4	93%	$21.06	$394,164		Replace, system at end of life. Increasing percentage after 2024 audit.
443	Ventilating (B)	10-22-2014	07-23-2024	4	93%	$6.32	$118,287		Replace, system at end of life. . Increasing percentage after 2024 audit.
444	Cooling (C)	10-22-2014	07-23-2024	4	93%	$14.74	$275,878		Replace, system at end of life. Increasing percentage after 2024 audit
System: Plumbing System (8)						***Totals:***	***$306,567***	***$894,556***	
445	Fixtures (A)	10-22-2014	07-23-2024	2	10%	$10.75	$21,634		40% of fixtures have been replaced,
1383	Supply Piping (B)	06-08-2021	07-23-2024	2	42%	$22.79	$192,632		Replace waste plumbing
1384	Waste Piping (C)	06-08-2021	07-23-2024	2	42%	$10.92	$92,301		Replace waste plumbing

Administration - Facilities Condition Inventory
Deficiency Detail by Building

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: 7/23/2024
Report Renewal Cost: $2,623,394
Deficiency Ratio: 48.1%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						***Totals:***	***$299,299***	***$830,156***	
448	Building Service (A)	10-22-2014	07-23-2024	2	55%	$7.79	$86,226		Out of capacity and should be upgraded
935	Lighting (B)	06-28-2018	07-23-2024	5	30%	$10.89	$65,748		Install LED Lighting throughout.
447	Distribution (C)	10-22-2014	07-23-2024	2	55%	$13.31	$147,325		Out of capacity and needs to be upgraded
System: Conveying (10)						***Totals:***	***$41,055***	***$136,850***	
1386	Elevator/Lift (A)	06-08-2021	07-23-2024	2	30%	$6.80	$41,055		Elevator hoistway needs updated to be in compliance with current code
System: Safety System (11)						***Totals:***	***$192,999***	***$323,610***	
450	Egress (A)	10-22-2014	07-23-2024	2	90%	$3.86	$69,914		Complete egress study to determine deficiency
937	Egress (A)	06-28-2018	07-23-2024	3	10%	$3.86	$7,768		Path of egress door swing and egress signage non-compliant. Entry #450 encapsulates 90% deficiency for Egress category.
451	Exit/Emergency Lighting/Alarms (C	10-22-2014	07-23-2024	2	90%	$5.73	$103,785		Complete egress study to determine deficiency
938	Exit/Emergency Lighting/Alarms (C	06-28-2018	07-23-2024	3	10%	$5.73	$11,532		Emergency exit lighting only installed at entrance points. Needs installed throughout.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: General Services- Complex | **Area Correction:** 1.21 | **Last Audit Date:** 4/2/2024

Building: Original Governor's Mansion | **Gross Area:** 12,825 Sq Ft | **Report Renewal Cost:** $390,943

Building Type/ Age Class: General Classroom/Office (3A) | **Cost/Sq Ft:** $268.04 | **Deficiency Ratio:** 11.4%

Const. Date: 1888 | **Replacement Cost:** $3,437,613

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$25,150***	***$101,446***	
121	Footings/Foundation Walls (A)	05-09-2014	04-02-2024	2	7%	$5.22	$4,686		Repoint foundation walls.
1239	Footings/Foundation Walls (A)	07-13-2020	04-02-2024	2	28%	$5.22	$18,745		Replace damp proofing along east foundation wall
1240	Exterior Steps/Retaining Walls (B)	07-13-2020	07-13-2020	2	5%	$2.68	$1,719		Replace decaying wood steps
System: Envelope (2)						***Totals:***	***$45,353***	***$327,294***	
123	Exterior Walls (A)	05-09-2014	04-02-2024	2	8%	$6.92	$7,100		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.
1763	Exterior Walls (A)	04-02-2024	04-02-2024	2	5%	$6.92	$4,437		Sagging in beams on front porch.
124	Exterior Windows (B)	05-09-2014	04-02-2024	2	29%	$7.99	$29,717		Repaint windows-replace sealant-repair sash. Deterioration on stairway windows due to age and weather. Refinish and repaint. Several cracked windows need glass replacement
1242	Exterior Windows (B)	07-13-2020	07-13-2020	2	4%	$7.99	$4,099		Granite sill are decaying
System: Floor System (3)						***Totals:***	***$9,311***	***$404,629***	
772	Floor Structure (A)	05-09-2014	07-13-2020	2	3%	$24.20	$9,311		Repair resurface mechanical room.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

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: 4/2/2024
Report Renewal Cost: $390,943
Deficiency Ratio: 11.4%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Roof System (4)						***Totals:***	***$10,224***	***$126,839***	
1244	Structure (A)	07-13-2020	07-13-2020	2	4%	$2.64	$1,354		Replace decayed wood ballaster around exterior roof
127	Covering (B)	05-09-2014	04-02-2024	2	9%	$4.94	$5,702		Replace flashing, valley tin, damaged shingles, gutters, downspouts.
1253	Covering (B)	07-13-2020	04-02-2024	2	5%	$4.94	$3,168		Install heat tape at base of east cupola to alleviate ice damming at adjacent north roof and gutter
System: Finishes (5)						***Totals:***	***$35,368***	***$852,734***	
128	Ceilings (B)	05-09-2014	04-02-2024	2	4%	$16.42	$8,423		Repair various plaster.
129	Floor Finishes (D)	05-09-2014	04-02-2024	2	4%	$9.39	$4,817		Restore flooring in 2nd floor tea room and 3rd floor bathroom. Water damage in kitchen and soft spots throughout from steam damage
1243	Floor Finishes (D)	07-13-2020	07-13-2020	2	10%	$9.39	$12,043		Refinish scuffs and scratches in floor
130	Wall Finishes (E)	05-09-2014	07-13-2020	2	3%	$9.83	$3,782		Repair plaster cracks and wallpaper.
1761	Wall Finishes (E)	04-02-2024	04-02-2024	2	5%	$9.83	$6,303		Wallpaper is coming up in main stairwell and 4th floor east bedrooms from roof valleys due to roof damage and leaks. Replace
System: HVAC System (7)						***Totals:***	***$145,380***	***$387,443***	
117	Heating (A)	05-09-2014	04-02-2024	2	62%	$13.18	$104,801		Replace boiler and all components.
132	Heating (A)	05-09-2014	04-02-2024	5	8%	$13.18	$13,523		Insulate steam and condensate pipe.
133	Heating (A)	05-09-2014	04-02-2024	3	12%	$13.18	$20,284		install and properly size combustion air damper. No boiler safety shutoff valve.
1248	Ventilating (B)	07-13-2020	04-02-2024	4	32%	$1.65	$6,772		Install ventilation throughout basement to alleviate moisture related issues

Administration - Facilities Condition Inventory
Deficiency Detail by Building

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: 4/2/2024
Report Renewal Cost: $390,943
Deficiency Ratio: 11.4%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						***Totals:***	***$73,041***	***$519,284***	
1250	Supply Piping (B)	07-13-2020	04-02-2024	2	18%	$21.39	$49,379		Supply piping is aged and showing minor signs of decay
1251	Waste Piping (C)	07-13-2020	04-02-2024	2	18%	$10.25	$23,662		Waste piping is aged and showing minor signs of decay.
System: Electrical System (9)						***Totals:***	***$1,100***	***$502,099***	
137	Voice/Data (D)	05-09-2014	07-13-2020	3	1%	$8.58	$1,100		Remove abandoned wire
System: Safety System (11)						***Totals:***	***$46,016***	***$215,204***	
1766	Exit/Emergency Lighting/Alarms (C	04-02-2024	04-02-2024	2	60%	$5.98	$46,016		Current fire alarm system is past its service life and recommend replacement

Administration - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: General Services- Complex
Building: Political Practices 1205 8th
Building Type/ Age Class: House, Single Family (31B)
Const. Date: 1952

Area Correction: 1.44
Gross Area: 2,004 Sq Ft
Cost/Sq Ft: $140.34
Replacement Cost: $281,241

Last Audit Date: 6/22/2021
Report Renewal Cost: $136,064
Deficiency Ratio: 48.4%

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
System: Finishes (5)						***Totals:***	***$18,111***	***$60,160***	
509	Interior Doors/Hardware/Windows (	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.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: General Services- Complex
Building: Political Practices 1205 8th
Building Type/ Age Class: House, Single Family (31B)
Const. Date: 1952

Area Correction: 1.44
Gross Area: 2,004 Sq Ft
Cost/Sq Ft: $140.34
Replacement Cost: $281,241

Last Audit Date: 6/22/2021
Report Renewal Cost: $136,064
Deficiency Ratio: 48.4%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
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
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
Building: Political Practices-1219 8th
Building Type/ Age Class: House, Single Family (31A)
Const. Date: 1895

Area Correction: 1.44
Gross Area: 1,221 Sq Ft
Cost/Sq Ft: $135.24
Replacement Cost: $165,128

Last Audit Date: 6/22/2021
Report Renewal Cost: $66,234
Deficiency Ratio: 40.1%

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.
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.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: General Services- Complex
Building: Political Practices-1219 8th
Building Type/ Age Class: House, Single Family (31A)
Const. Date: 1895

Area Correction: 1.44
Gross Area: 1,221 Sq Ft
Cost/Sq Ft: $135.24
Replacement Cost: $165,128

Last Audit Date: 6/22/2021
Report Renewal Cost: $66,234
Deficiency Ratio: 40.1%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
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
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.

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:**	6/22/2021
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		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
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 by Building

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

Site: General Services- Complex | **Area Correction:** 1.16 | **Last Audit Date:** 6/16/2023

Building: Print and Mail | **Gross Area:** 25,279 Sq Ft | **Report Renewal Cost:** $508,340

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $296.75 | **Deficiency Ratio:** 6.8%

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: Foundations (1)						***Totals:***	***$10,132***	***$159,005***	
1118	Footings/Foundation Walls (A)	05-11-2020	05-16-2023	2	8%	$5.01	$10,132		Minor cracks/spalling on foundation walls
System: Envelope (2)						***Totals:***	***$62,606***	***$623,886***	
1119	Exterior Walls (A)	05-11-2020	05-16-2023	2	10%	$6.63	$16,760		Repair/replace exterior siding where holes, dents, and rust can be observed
1120	Exterior Walls (A)	05-11-2020	05-16-2023	2	15%	$6.63	$25,140		Finish of exterior metal siding is fading
1121	Exterior Walls (A)	05-11-2020	05-16-2023	2	7%	$6.63	$11,732		Repair insulation cavities and replace water damaged insulation
1122	Exterior Doors/Hatches (C)	05-11-2020	05-16-2023	2	25%	$1.42	$8,974		Door frames are loose in opeing, repair fasteners and modify framed opening
System: Floor System (3)						***Totals:***	***$56,342***	***$764,437***	
1123	Floor Structure (A)	05-11-2020	05-16-2023	2	9%	$23.20	$52,783		Concrete floor has cracks, scratches, and failed patches. Remove and replace.
1124	Stair Treads/Risers (B)	05-11-2020	05-16-2023	2	2%	$7.04	$3,559		Repaint stair treads and risers.
System: Roof System (4)						***Totals:***	***$70,339***	***$223,972***	
1125	Covering (B)	05-11-2020	05-16-2023	2	25%	$4.11	$25,974		Flashing, downspouts and expansion joint covers leak. Repair or replace
1126	Covering (B)	05-11-2020	05-16-2023	2	40%	$4.11	$41,559		Replace exposed fasteners on west roof with failed neoprene washers. Re-caulk joints at metal panels.
1127	Insulation (C)	05-11-2020	05-16-2023	2	5%	$2.22	$2,806		Replace water saturated insulation

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:** 6/16/2023
Building: Print and Mail | **Gross Area:** 25,279 Sq Ft | **Report Renewal Cost:** $508,340
Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $296.75 | **Deficiency Ratio:** 6.8%
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: Finishes (5)						***Totals:***	***$72,247***	***$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	05-16-2023	2	9%	$11.78	$26,801		Reattach interior door frames that are loose in their opening
1130	Floor Finishes (D)	05-11-2020	05-16-2023	2	20%	$8.18	$41,356		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:***	***$63,886***	***$1,065,004***	
1132	Heating (A)	05-11-2020	05-16-2023	2	6%	$21.06	$31,943		Component life cycle depreciation. Replace worn parts as required to maintain
1133	Ventilating (B)	05-11-2020	05-16-2023	2	6%	$6.32	$9,586		Component life cycle depreciation. Replace worn parts as required to maintain
1134	Cooling (C)	05-11-2020	05-16-2023	2	6%	$14.74	$22,357		Component life cycle depreciation. Replace worn parts as required to maintain
System: Plumbing System (8)						***Totals:***	***$125,548***	***$1,123,652***	
1135	Fixtures (A)	05-11-2020	05-16-2023	2	25%	$10.75	$67,937		Replace water heater when component reaches end of life cycle.
1136	Supply Piping (B)	05-11-2020	05-16-2023	2	10%	$22.79	$57,611		Component life cycle depreciation. Replace worn parts as required to maintain
System: Electrical System (9)						***Totals:***	***$38,540***	***$1,042,759***	
1137	Lighting (B)	05-11-2020	05-16-2023	2	14%	$10.89	$38,540		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:**	6/16/2023
Building:	Print and Mail	**Gross Area:**	25,279 Sq Ft	**Report Renewal Cost:**	$508,340
Building Type/ Age Class:	General Classroom/Office (3B)	**Cost/Sq Ft:**	$296.75	**Deficiency Ratio:**	6.8%
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:***		***$7,626***	***$406,486***	
1138	Extinguishing System (B)	05-11-2020	05-16-2023	2	2%	$6.49	$3,281		Sprinkler head component life cycle depreciation.
1140	Exit/Emergency Lighting/Alarms (C	05-11-2020	06-16-2023	2	3%	$5.73	$4,345		Smoke detection 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:** 9/8/2015

Building: Records Management | **Gross Area:** 22,800 Sq Ft | **Report Renewal Cost:** $319,339

Building Type/ Age Class: Warehouse/Storage Facilities (8A) | **Cost/Sq Ft:** $122.30 | **Deficiency Ratio:** 11.5%

Const. Date: 1935 | **Replacement Cost:** $2,788,440

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$58,596***	***$229,368***	
656	Exterior Steps/Retaining Walls (B)	09-08-2015	09-08-2015	2	100%	$2.57	$58,596		All steps are shot and need to be replaced. Lots of wear and tear visible.
System: Envelope (2)						***Totals:***	***$161,424***	***$699,960***	
657	Exterior Walls (A)	09-08-2015	09-08-2015	2	10%	$15.10	$34,428		Metal panel siding is deteriorating in many areas. Investigate further and potentially replace.
659	Exterior Walls (A)	09-08-2015	09-08-2015	4	20%	$15.10	$68,856		Investigate whether not exterior walls are sufficiently insulated. If found to be inadequately insulated add additional insulation as an environmental improvement for building occupants.
658	Exterior Windows (B)	09-08-2015	09-08-2015	2	100%	$0.19	$4,332		Remove and replace single pane windows.
660	Exterior Doors/Hatches (C)	09-08-2015	09-08-2015	2	100%	$2.36	$53,808		All 10 exterior doors are in bad shape and at end of life. Replace.
System: Floor System (3)						***Totals:***	***$18,673***	***$418,152***	
662	Floor Structure (A)	09-08-2015	09-08-2015	2	5%	$16.38	$18,673		Floor appears to be settling in the basement.
System: Roof System (4)						***Totals:***	***$10,374***	***$390,792***	
663	Covering (B)	09-08-2015	09-08-2015	2	5%	$9.10	$10,374		The flat roof on this building was replaced four years ago. The older section of roof could use some general maitenance or a re-coat.

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:** 9/8/2015

Building: Records Management | **Gross Area:** 22,800 Sq Ft | **Report Renewal Cost:** $319,339

Building Type/ Age Class: Warehouse/Storage Facilities (8A) | **Cost/Sq Ft:** $122.30 | **Deficiency Ratio:** 11.5%

Const. Date: 1935 | **Replacement Cost:** $2,788,440

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$7,522***	***$198,816***	
664	Ceilings (B)	09-08-2015	09-08-2015	2	15%	$1.59	$5,438		Ceilings in office areas and hallways are in very poor condition. Replace.
665	Floor Finishes (D)	09-08-2015	09-08-2015	2	2%	$4.57	$2,084		Tiles are coming up in rm 9, and the break room. The tiles are not breaking and crumbling though. Replace.
System: HVAC System (7)						***Totals:***	***$53,796***	***$137,712***	
666	Heating (A)	09-08-2015	09-08-2015	2	60%	$3.63	$49,658		Current furnaces are extremely old. Replace with two new furnaces and add new capabilities through the installation of a jace panel including alarm options.
668	Cooling (C)	09-08-2015	09-08-2015	4	15%	$1.21	$4,138		Replace air conditioning.
System: Plumbing System (8)						***Totals:***	***$7,570***	***$164,844***	
669	Supply Piping (B)	09-08-2015	09-08-2015	2	20%	$1.66	$7,570		Install a 6 gallon electric water heater to lower costs and improve efficiency for bathrooms.
System: Conveying (10)						***Totals:***	***$1,384***	***$138,396***	
670	Elevator/Lift (A)	09-08-2015	09-08-2015	2	1%	$6.07	$1,384		Elevator ram was leaking oil address issue when doing general maintenance.

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:** 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

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 by Building

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

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 (	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 by Building

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

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: 6/23/2015
Report Renewal Cost: $133,127
Deficiency Ratio: 30.1%

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	06-23-2015	2	100%	$0.82	$2,588		Steps have to be repaired. Spalling, cracking, and holes present.
System: Envelope (2)						***Totals:***	***$51,162***	***$62,457***	
576	Exterior Walls (A)	06-23-2015	06-23-2015	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.
577	Exterior Windows (B)	06-23-2015	06-23-2015	2	80%	$2.77	$6,994		Exterior windows are in extremely poor shape. Framing around windows is crumbling and flaking. Some seals and hardware bent and banged up.
578	Exterior Doors/Hatches (C)	06-23-2015	06-23-2015	2	50%	$0.45	$710		Doors are dated and reaching end of life - They are worn out.
System: Floor System (3)						***Totals:***	***$16,967***	***$67,917***	
579	Floor Structure (A)	06-23-2015	06-23-2015	2	30%	$17.92	$16,967		Floors are spungy and bouncy throughout. The floor structure is marginal.
System: Roof System (4)						***Totals:***	***$4,980***	***$11,078***	
581	Structure (A)	06-23-2015	06-23-2015	2	20%	$0.93	$587		Waves seen in roof structure. Structure really suffering a bit.
582	Covering (B)	06-23-2015	06-23-2015	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?
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.

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: 6/23/2015
Report Renewal Cost: $133,127
Deficiency Ratio: 30.1%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$28,169***	***$94,743***	
586	Interior Wall Systems (A)	06-23-2015	06-23-2015	2	5%	$7.23	$1,141		Acoustical issues with some of the meeting rooms. Meeting information can be heard by people outside with the doors closed etc..
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?
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.
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.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: General Services- Complex
Building: State Capitol
Building Type/ Age Class: General Classroom/Office (3A)
Const. Date: 1889

Area Correction: 0.93
Gross Area: 179,672 Sq Ft
Cost/Sq Ft: $206.01
Replacement Cost: $37,014,229

Last Audit Date: 7/6/2020
Report Renewal Cost: $6,348,407
Deficiency Ratio: 17.2%

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.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

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

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 by Building

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

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 by Building

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		

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: State of Montana Data Center
Building Type/ Age Class: Warehouse/Storage Facilities (8C)
Const. Date: 2010

Area Correction: 1.21
Gross Area: 15,024 Sq Ft
Cost/Sq Ft: $129.78
Replacement Cost: $1,949,815

Last Audit Date: 6/17/2022
Report Renewal Cost: $261,036
Deficiency Ratio: 13.4%

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 (	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
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.

Administration - Facilities Condition Inventory
Deficiency Detail by Building

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

Site: General Services- Complex
Building: State of Montana Data Center
Building Type/ Age Class: Warehouse/Storage Facilities (8C)
Const. Date: 2010

Area Correction: 1.21
Gross Area: 15,024 Sq Ft
Cost/Sq Ft: $129.78
Replacement Cost: $1,949,815

Last Audit Date: 6/17/2022
Report Renewal Cost: $261,036
Deficiency Ratio: 13.4%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
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 by Building

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

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 by Building

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: 3/5/2024
Report Renewal Cost: $259,091
Deficiency Ratio: 25.4%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$5,580***	***$65,340***	
1014	Footings/Foundation Walls (A)	03-21-2019	03-05-2024	2	10%	$9.30	$5,580		Slab on Grade: Cracks in slab.
System: Envelope (2)						***Totals:***	***$95,860***	***$216,180***	
1016	Exterior Walls (A)	03-21-2019	03-05-2024	2	10%	$18.75	$11,250		Framing: Wood rot occuring due to excess interior moisture.
1017	Exterior Walls (A)	03-21-2019	03-05-2024	2	10%	$18.75	$11,250		Insulation: No vapor barrier water in lower quarter of insulation.
1018	Exterior Walls (A)	03-21-2019	03-05-2024	2	49%	$18.75	$55,125		Exterior Finish: Finish fading, screws are worn out.
1019	Exterior Windows (B)	03-21-2019	03-05-2024	2	39%	$0.28	$655		Sills: Water damage noticed, repair/replace. All windows missing sealant
1021	Exterior Doors/Hatches (C)	03-21-2019	03-05-2024	3	100%	$2.93	$17,580		Exterior Doors: Hardware, All door hardware needs upgrading from residential. Door slabs are dented, replace.
System: Floor System (3)						***Totals:***	***$10,984***	***$136,560***	
1143	Floor Structure (A)	05-18-2020	03-05-2024	2	9%	$20.34	$10,984		Replace cracked and spalling slabs.
System: Roof System (4)						***Totals:***	***$21,228***	***$118,800***	
1015	Structure (A)	03-21-2019	03-05-2024	2	10%	$4.69	$2,814		Roof Construction: Some wood rot occuring due to moisture entering roof.
1145	Structure (A)	05-18-2020	03-05-2024	2	6%	$4.69	$1,688		Minor cracking in main trusses.
1023	Covering (B)	03-21-2019	03-05-2024	2	8%	$9.82	$4,714		Patch leaks around penetrations and seams
1033	Covering (B)	03-21-2019	03-05-2024	2	15%	$9.82	$8,838		Rain water drainage (roof drains): new gutters and drainage system needed to get roof water away from building.
1147	Insulation (C)	05-18-2020	03-05-2024	2	10%	$5.29	$3,174		Repair water damaged insulation and vapor barrier

Administration - Facilities Condition Inventory
Deficiency Detail by Building

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: 3/5/2024
Report Renewal Cost: $259,091
Deficiency Ratio: 25.4%

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						***Totals:***	***$14,899***	***$59,340***	
1024	Interior Wall Systems (A)	03-21-2019	03-05-2024	2	33%	$1.75	$3,465		GWB/Plaster: Some walls still need taping and painting.
1025	Interior Doors/Hardware/Windows (	03-21-2019	03-05-2024	3	95%	$0.61	$3,477		Interior doors are all residential grade and are damaged and worn out. Replace.
1028	Floor Finishes (D)	03-21-2019	03-05-2024	2	19%	$5.15	$5,871		Carpet, Tile, VCT: Repair/replace. Has been taken down in some areas due to water damage.
1029	Floor Finishes (D)	03-21-2019	03-05-2024	2	4%	$5.15	$1,236		Baseboard: Repair/replace. Has been taken down in some areas due to water damage.
1027	Wall Finishes (E)	03-21-2019	03-05-2024	2	24%	$0.59	$850		Damage and wear out seen in wall finishes. Repair/repaint.
System: Specialties (6)						***Totals:***	***$4,770***	***$7,500***	
1150	Signage/Directories (B)	05-18-2020	05-18-2020	2	75%	$1.06	$4,770		Replace faded/damaged signage
System: HVAC System (7)						***Totals:***	***$33,750***	***$90,060***	
1151	Heating (A)	05-18-2020	03-05-2024	2	55%	$7.50	$24,750		Replace aged components
1152	Cooling (C)	05-18-2020	05-18-2020	3	100%	$1.50	$9,000		Replace aged window units with long-term PTAC type.
System: Electrical System (9)						***Totals:***	***$38,804***	***$92,100***	
1036	Building Service (A)	03-21-2019	03-05-2024	3	14%	$1.41	$1,184		Needs upgrade to large breaker panel
1035	Lighting (B)	03-21-2019	03-05-2024	2	50%	$6.27	$18,810		Fixtures: Need a new light fixture in warehouse space and lighting in restroom.
1154	Lighting (B)	05-18-2020	05-18-2020	3	50%	$6.27	$18,810		Add daylight and occ. Sensors

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:**	3/5/2024
Building:	Surplus Property Warehouse	**Gross Area:**	6,000 Sq Ft	**Report Renewal Cost:**	$259,091
Building Type/ Age Class:	Warehouse/Storage Facilities (8B)	**Cost/Sq Ft:**	$170.18	**Deficiency Ratio:**	25.4%
Const. Date:	1960	**Replacement Cost:**	$1,021,080		

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Safety System (11)					***Totals:***		***$33,216***	***$133,200***	
1038	Exit/Emergency Lighting/Alarms (C	03-21-2019	03-21-2019	3	75%	$6.92	$31,140		Need smoke detectors in offices
1157	Exit/Emergency Lighting/Alarms (C	05-18-2020	05-18-2020	2	5%	$6.92	$2,076		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 | **Area Correction:** 1.44 | **Last Audit Date:** 7/31/2018

Building: Teachers' Retirement | **Gross Area:** 6,431 Sq Ft | **Report Renewal Cost:** $449,680

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $368.38 | **Deficiency Ratio:** 19.0%

Const. Date: 1970 | **Replacement Cost:** $2,369,052

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						***Totals:***	***$10,574***	***$50,226***	
953	Footings/Foundation Walls (A)	07-31-2018	07-31-2018	2	2%	$6.21	$799		Repair delamination on east side.
456	Exterior Steps/Retaining Walls (B)	11-05-2014	11-05-2014	2	5%	$1.60	$514		Repair east steps and handrail
954	Exterior Steps/Retaining Walls (B)	07-31-2018	07-31-2018	3	90%	$1.60	$9,261		Replace stairs, handrails, ramps.
System: Envelope (2)						***Totals:***	***$77,654***	***$196,982***	
955	Exterior Windows (B)	07-31-2018	07-31-2018	5	100%	$11.19	$71,963		Replace all windows with energy efficient windows.
956	Exterior Doors/Hatches (C)	07-31-2018	07-31-2018	2	50%	$1.77	$5,691		Replace.
System: Roof System (4)						***Totals:***	***$27,933***	***$70,741***	
458	Covering (B)	11-05-2014	07-31-2018	2	85%	$5.11	$27,933		Reseal recoat entire roof. 7/31/18 update - large bubbles in covering due to water below surface.
System: Finishes (5)						***Totals:***	***$92,918***	***$471,135***	
958	Interior Wall Systems (A)	07-31-2018	07-31-2018	2	5%	$20.08	$6,457		Flaking of interior masonry, wall coverings.
959	Ceilings (B)	07-31-2018	07-31-2018	2	2%	$17.76	$2,284		Celing tile replacement needed in some areas.
460	Interior Doors/Hardware/Windows (	11-05-2014	11-05-2014	2	20%	$14.63	$18,817		Replace locks
455	Floor Finishes (D)	11-05-2014	11-05-2014	2	25%	$10.16	$16,335		Replace carpet
960	Floor Finishes (D)	07-31-2018	07-31-2018	2	30%	$10.16	$19,602		Replace carpet throughout
457	Wall Finishes (E)	11-05-2014	11-05-2014	2	8%	$10.64	$5,474		Repaint throughout
961	Wall Finishes (E)	07-31-2018	07-31-2018	2	35%	$10.64	$23,949		Paint scrapes and scratches

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:** 7/31/2018

Building: Teachers' Retirement | **Gross Area:** 6,431 Sq Ft | **Report Renewal Cost:** $449,680

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $368.38 | **Deficiency Ratio:** 19.0%

Const. Date: 1970 | **Replacement Cost:** $2,369,052

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)						***Totals:***	***$201,765***	***$336,341***	
962	Heating (A)	07-31-2018	07-31-2018	4	60%	$26.15	$100,902		Current system is not delivering consistent heat.
963	Ventilating (B)	07-31-2018	07-31-2018	4	60%	$7.84	$30,251		Current system is not delivering consistent ventilation.
964	Cooling (C)	07-31-2018	07-31-2018	4	60%	$18.30	$70,612		Current system is not delivering consistent cooling.
System: Plumbing System (8)						***Totals:***	***$21,447***	***$354,863***	
459	Fixtures (A)	11-05-2014	11-05-2014	2	25%	$13.34	$21,447		Replace worn out fixtures
System: Electrical System (9)						***Totals:***	***$17,389***	***$329,267***	
966	Lighting (B)	07-31-2018	07-31-2018	5	20%	$13.52	$17,389		Update lighting

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:** 3/19/2024

Building: Walt Sullivan | **Gross Area:** 51,235 Sq Ft | **Report Renewal Cost:** $2,534,105

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $228.93 | **Deficiency Ratio:** 21.6%

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: Foundations (1)						***Totals:***	***$41,644***	***$272,570***	
1727	Footings/Foundation Walls (A)	03-19-2024	03-19-2024	2	12%	$4.23	$26,007		Normal deterioriation based on age
1728	Exterior Steps/Retaining Walls (B)	03-19-2024	03-19-2024	1	28%	$1.09	$15,637		South retaining wall has shifted and settled
System: Envelope (2)						***Totals:***	***$341,472***	***$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	03-19-2024	2	16%	$5.61	$45,989		Repair cracks, holes, and repaint EIFS walls
855	Exterior Windows (B)	08-30-2017	03-19-2024	5	9%	$7.62	$35,137		Replace stairwell windows.
1263	Exterior Windows (B)	09-14-2020	03-19-2024	2	7%	$7.62	$27,329		South louvers are non-operable, repair and paint. Re-caulk jambs/sills/heads where appicable
1264	Exterior Doors/Hatches (C)	09-14-2020	03-19-2024	2	5%	$1.20	$3,074		Replace damaged doors and hardware. Repaint slabs and frames as required
System: Floor System (3)						***Totals:***	***$105,621***	***$1,309,054***	
1265	Floor Structure (A)	09-14-2020	03-19-2024	2	9%	$19.60	$90,379		Install leveling compound at transitions.
1266	Stair Treads/Risers (B)	09-14-2020	03-19-2024	2	5%	$5.95	$15,242		Repair minor cracks and repaint stair treads/risers
System: Roof System (4)						***Totals:***	***$8,915***	***$383,750***	
1729	Covering (B)	03-19-2024	03-19-2024	2	5%	$3.48	$8,915		Normal deterioration due to age

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:** 3/19/2024

Building: Walt Sullivan | **Gross Area:** 51,235 Sq Ft | **Report Renewal Cost:** $2,534,105

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $228.93 | **Deficiency Ratio:** 21.6%

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: Finishes (5)						***Totals:***	***$676,620***	***$2,554,577***	
1267	Interior Wall Systems (A)	09-14-2020	03-19-2024	2	10%	$13.67	$70,038		Patch, repair, and paint wall surfaces
1270	Ceilings (B)	09-14-2020	03-19-2024	2	41%	$12.09	$253,967		Replace damaged ceiling tiles w/ new
1268	Interior Doors/Hardware/Windows (	09-14-2020	03-19-2024	2	15%	$9.95	$76,468		Replace damaged hardware, doors, and repaint slabs and frames where required
308	Floor Finishes (D)	07-29-2014	03-19-2024	2	8%	$6.91	$28,323		Replace tile throughout where old 70's tile. Janitor closets.
1269	Floor Finishes (D)	09-14-2020	03-19-2024	2	70%	$6.91	$247,824		Replace all "blue" carpet and damaged baseboard
System: Specialties (6)						***Totals:***	***$14,203***	***$734,198***	
1271	Toilet Partitions (A)	09-14-2020	03-19-2024	2	9%	$2.12	$9,776		Replace damaged toilet room accessories w/ new
1272	Signage/Directories (B)	09-14-2020	03-19-2024	2	12%	$0.72	$4,427		Install new signage where required by code
System: HVAC System (7)						***Totals:***	***$646,596***	***$1,823,454***	
1273	Heating (A)	09-14-2020	03-19-2024	2	38%	$17.80	$346,554		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	03-19-2024	2	14%	$5.34	$38,303		Remove abandoned duct work. Upgrade controls, room units, and aged air handler/ fans where required
1275	Cooling (C)	09-14-2020	03-19-2024	2	41%	$12.46	$261,739		Replace aged de-centralized chiller units. Upgrade controls, room units, and piping/valves where required. Replace damaged or missing pipe insulation.

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:** 3/19/2024

Building: Walt Sullivan | **Gross Area:** 51,235 Sq Ft | **Report Renewal Cost:** $2,534,105

Building Type/ Age Class: General Classroom/Office (3B) | **Cost/Sq Ft:** $228.93 | **Deficiency Ratio:** 21.6%

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: Plumbing System (8)						***Totals:***	***$167,851***	***$1,923,874***	
1276	Fixtures (A)	09-14-2020	03-19-2024	2	17%	$9.08	$79,086		Replace all toilet and sink carriers. Remove all galvanized to cast iron connections.
1277	Supply Piping (B)	09-14-2020	03-19-2024	2	9%	$19.25	$88,765		Replace aged pumps and water heater. Replace corroded valves and fittings as required
System: Electrical System (9)						***Totals:***	***$221,519***	***$1,785,540***	
1731	Building Service (A)	03-19-2024	03-19-2024	2	2%	$6.59	$6,753		Normal wear out due to age. Load has been maxed out
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	03-19-2024	1	19%	$11.24	$109,417		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	03-19-2024	4	11%	$7.82	$44,072		Remove abandoned voice/data cables throughout building
System: Conveying (10)						***Totals:***	***$235,271***	***$294,089***	
1281	Elevator/Lift (A)	09-14-2020	03-19-2024	2	52%	$5.74	$152,926		Replace all cab finishes in East elevator. Replace damaged/aged hoist parts as required. Update controls in East elevator
1725	Elevator/Lift (A)	03-19-2024	03-19-2024	1	28%	$5.74	$82,345		East elevator has been unreliable resulting in safety issues
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

DEPT. OF MILITARY AFFAIRS

DEFICIENCY DETAIL REPORTS

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To be included, the following requirements must be met: RPA_Type=B, UoM=SF, Facility_Construction= PERM or SEMI, RPA_Operational_Status=ACT, SEMI, NONF, EXCS, CARE, and the RPA_Interest_Type= FEE, ONFG, ONST (ARNG-Federally Funded Only). This report only shows BUILDER Facilities that contain at least one system, where the BUILDING STATUS is not equal to either “Disposed” or “Transferred”. This report also filters out the “Non-Army Complexes”. WWII buildings are indicated in the “Status Attribute” field.

Site Number	Site Name	RPUID	Building Number	Building Name	Category Code	Category Code Description	Building Area	UoM	Floors	Year Built	Building PRV	2024 Work Item Costs	Facility Condition Index FCI	Building Condition Index BCI	Foundations A10	Basement Construction A20	Super Structure B10	Exterior Enclosure B20	Roofing B30	Interior Construction C10	Stairs C20	Interior Finishes C30	Conveyance D10	Plumbing D20	HVAC D30	Fire Protection D40	Electrical D50	Equipment E10
30A05	Anaconda Readiness Center	234239	000A1	ANACONDA READINESS CENTER	17180	ARNG ARMORY	8780	SF	1	1961	$5,265,283	$1,881,380	64	49	76	N/A	76	48	69	77	N/A	71	N/A	33	31	N/A	27	N/A
30A10	Belgrade Rc - Fms05	244660	00M13	BELGRADE READINESS CENTER	17180	ARNG ARMORY	52083	SF	1	2003	$31,233,684	$3,515,380	89	79	98	N/A	81	80	65	77	83	65	N/A	79	67	76	83	N/A
30A10	Belgrade Rc - Fms05	244852	00M16	MAINTENANCE STORAGE (FMS)	21412	MAINT STORAGE	1500	SF	1	2002	$1,356,163	$60,450	96	85	98	N/A	98	70	77	N/A	N/A	79	N/A	N/A	N/A	N/A	88	N/A
30A10	Belgrade Rc - Fms05	244659	00M15	ORGANIZATIONAL STORAGE (RC)	44224	ORG STR BLDG	3000	SF	1	2003	$1,348,324	$86,300	94	88	98	N/A	98	72	82	N/A	N/A	N/A	N/A	N/A	N/A	N/A	91	N/A
30A10	Belgrade Rc - Fms05	244663	00M11	VEHICLE MAINTENANCE SHOP	21407	ARNG VEH MAINT	9900	SF	1	1989	$8,950,676	$1,147,650	87	71	94	N/A	94	76	64	76	N/A	84	0	39	55	N/A	72	N/A
30A14	Billings Afrc	245571	02915	BILLINGS ARMED FORCES RESERVE CENTER	17142	ARNG/USAR CTR	132964	SF	1	1999	$78,260,642	$8,074,720	90	79	98	N/A	98	81	56	75	85	60	66	74	68	68	81	47
30A14	Billings Afrc	245643	02000	ORG STORAGE	44224	ORG STR BLDG	4000	SF	1	2004	$1,764,473	$28,950	98	86	99	N/A	99	69	85	75	N/A	N/A	N/A	N/A	N/A	N/A	88	N/A
30A15	Billings Fms 06	1035390	00008	HAZ MAT STR INS	44228	HAZ MAT STR INS	222	SF	1	1988	$192,834	$27,990	85	58	N/A	N/A	N/A	53	70	N/A	N/A	N/A	N/A	N/A	N/A	N/A	68	N/A
30A15	Billings Fms 06	245663	00002	MAINTENANCE STORAGE	21412	MAINT STORAGE	1000	SF	1	1990	$887,366	$37,560	96	73	95	N/A	95	51	73	N/A	N/A	N/A	N/A	N/A	N/A	N/A	72	N/A
30A15	Billings Fms 06	245671	00001	SIMULATOR BLDG NON-MOTION	17211	SIM BLD NON-MOT	6893	SF	1	1988	$6,302,233	$308,750	95	76	94	N/A	94	66	53	68	85	69	N/A	N/A	32	N/A	70	N/A
30A15	Billings Fms 06	245672	00006	VEHICLE MAINTENANCE SHOP	21407	ARNG VEH MAINT	12437	SF	1	1988	$11,036,170	$2,069,880	81	65	94	N/A	93	65	45	78	N/A	68	34	37	64	4	61	52
30A25	Butte Afrc	250604	00002	ARNG ANNEX (1ST 2ND FLOORS)	17180	ARNG ARMORY	4161	SF	1	1989	$2,495,312	$272,260	89	75	94	N/A	80	81	9	80	89	32	N/A	65	65	35	73	N/A
30A25	Butte Afrc	250603	00001	BUTTE READINESS CENTER	17180	ARNG ARMORY	16307	SF	1	1961	$9,779,154	$2,290,670	77	57	76	N/A	63	46	61	60	83	45	N/A	43	37	41	73	N/A
30A25	Butte Afrc	250610	00003	ORGANIZATIONAL STORAGE	44224	ORG STR BLDG	400	SF	1	1987	$179,777	$40,440	78	71	93	N/A	93	53	34	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30A25	Butte Afrc	250612	00004	VEHICLE MAINTENANCE SHOP	21407	ARNG VEH MAINT	5286	SF	1	1983	$4,779,118	$334,090	93	68	92	N/A	92	72	59	82	85	82	N/A	47	27	N/A	59	N/A
30A35	Culbertson Rc - Fms 04	267587	000A1	CULBERTSON READINESS CENTER	17180	ARNG ARMORY	15771	SF	1	1980	$9,457,720	$613,930	94	69	88	N/A	86	66	72	82	N/A	68	N/A	59	64	12	54	N/A
30A35	Culbertson Rc - Fms 04	267590	00M4B	FLAME MAT STOR INSIDE RC COMPOUND SOUTH 000A3	44240	FLAM MAT STR IN	196	SF	1	1958	$173,853	$38,130	78	55	77	N/A	73	57	89	N/A	N/A	34	N/A	N/A	28	N/A	22	N/A
30A35	Culbertson Rc - Fms 04	267594	00M4C	MAINT STOR SOUTH SIDE RC COMPOUND	21412	MAINT STORAGE	1339	SF	1	1997	$1,210,602	$313,950	74	47	78	N/A	46	43	58	46	86	50	N/A	22	50	N/A	32	N/A
30A35	Culbertson Rc - Fms 04	267599	000A2	ORG STORAGE NE OF FMS INSIDE COMPOUND	44224	ORG STR BLDG	1944	SF	1	1997	$873,714	$19,210	98	79	92	N/A	85	79	48	N/A	N/A	N/A	N/A	N/A	N/A	N/A	80	N/A
30A35	Culbertson Rc - Fms 04	267603	000M4	VEHICLE MAINTENANCE SHOP	21407	ARNG VEH MAINT	8622	SF	1	1990	$7,795,225	$619,100	92	71	85	N/A	85	71	68	81	N/A	77	69	60	48	N/A	70	N/A
30577	Dillon Readiness Center	992150	00100	DILLON READINESS CENTER	17180	ARNG ARMORY	27815	SF	1	2006	$16,680,393	$2,088,970	87	83	99	N/A	89	83	79	85	N/A	81	N/A	76	67	80	91	65
30577	Dillon Readiness Center	991761	00300	ORG STORAGE	44224	ORG STR BLDG	3200	SF	1	2006	$1,438,212	$12,090	99	86	99	N/A	99	82	79	65	N/A	N/A	N/A	N/A	N/A	N/A	94	N/A
30655	Fort William Henry Harrison Training Site	362649	00001	ACCESS CONTROL BUILDING AT MAIN GATE	14113	ACCESS CNT FAC	848	SF	1	2003	$954,134	$69,160	93	83	95	N/A	98	88	81	88	N/A	66	N/A	68	36	N/A	85	N/A
30655	Fort William Henry Harrison Training Site	363427	00220	ADMIN BLDG GEN PURPOSE	61050	ADMIN GEN PURP	2145	SF	1	1963	$1,420,855	$218,130	85	70	78	N/A	78	78	80	79	N/A	51	N/A	54	44	N/A	81	N/A
30655	Fort William Henry Harrison Training Site	362698	00230	ADMIN BLDG GEN PURPOSE	61050	ADMIN GEN PURP	2627	SF	1	1963	$1,740,134	$149,650	91	71	78	N/A	78	62	80	89	N/A	51	N/A	63	52	N/A	76	N/A
30655	Fort William Henry Harrison Training Site	363428	00120	ADMIN GEN PURPOSE BLDG ARMY RESERVE	61050	ADMIN GEN PURP	2765	SF	1	1962	$1,831,545	$218,600	88	55	77	N/A	77	67	75	N/A	N/A	N/A	N/A	N/A	N/A	N/A	26	N/A
30655	Fort William Henry Harrison Training Site	363430	00063	ADMINISTRATIVE FACILITY	61050	ADMIN GEN PURP	2054	SF	1	1963	$1,360,576	$119,250	91	72	78	N/A	78	79	99	81	N/A	47	N/A	76	47	N/A	65	N/A
30655	Fort William Henry Harrison Training Site	363435	RG144	AMMUNITION HUT AT MOUT SITE	42283	MAG GP INST	163	SF	1	2001	$193,392		100	93	88	N/A	98	94	94	N/A	N/A	95	N/A	N/A	N/A	N/A	91	N/A
30655	Fort William Henry Harrison Training Site	363436	RG143	AMMUNITION HUT NW RG129	42283	MAG GP INST	161	SF	1	1987	$191,754		100	89	88	N/A	80	94	80	N/A	N/A	95	N/A	N/A	N/A	N/A	80	N/A
30655	Fort William Henry Harrison Training Site	363439	P1010	ARNG ARMORY FIRE STATION	17180	ARNG ARMORY	4477	SF	1	1995	$2,684,815	$349,920	87	76	94	N/A	92	77	99	74	N/A	79	N/A	68	48	6	76	N/A
30655	Fort William Henry Harrison Training Site	363443	00068	AUTOMATION AIDED INSTRUCTION BLDG RTC	17120	GEN INST BLDG	3715	SF	1	1962	$2,659,830	$106,470	96	84	82	N/A	77	82	81	82	N/A	82	N/A	90	82	80	92	N/A

30655	Fort William Henry Harrison Training Site	362412	P1011	BARRACKS TSSF	72114	TT ENL BARRACKS	66118	SF	4	1998	$41,794,421	$6,678,360	84	73	83	N/A	95	80	76	84	93	89	N/A	61	49	63	77	N/A
30655	Fort William Henry Harrison Training Site	356313	00548	BUNKER AMMUNITION STORAGE FACILITY SW OF ENTRANCE GATE 4TH FACILITY	42283	MAG GP INST	1354	SF	1	1978	$1,608,041		100	86	N/A	N/A	N/A	85	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	94	N/A
30655	Fort William Henry Harrison Training Site	356310	00545	BUNKER AMMUNITION STORAGE FACILITY SW OF ENTRANCE GATE 1ST FACILITY	42283	MAG GP INST	257	SF	1	1975	$304,827		100	78	N/A	N/A	N/A	76	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	94	N/A
30655	Fort William Henry Harrison Training Site	356311	00546	BUNKER AMMUNITION STORAGE FACILITY SW OF ENTRANCE GATE 2ND FACILITY	42283	MAG GP INST	1354	SF	1	1978	$1,608,041		100	95		N/A	N/A	95	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	94	N/A
30655	Fort William Henry Harrison Training Site	356312	00547	BUNKER AMMUNITION STORAGE FACILITY SW OF ENTRANCE GATE 3RD FACILITY	42283	MAG GP INST	1354	SF	1	1978	$1,608,041		100	95	N/A	N/A	N/A	95	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	94	N/A
30655	Fort William Henry Harrison Training Site	1372341	01023	CENTRALIZED WASH BUILDING	14163	CENT WASH BLDG	5871	SF	1	2021	$4,134,428		100	97	99	N/A	97	94	94	94	N/A	94	N/A	98	96	99	99	N/A
30655	Fort William Henry Harrison Training Site	363429	P1007	CFMO CONSTRUCTION FACILITIES MANAGEMENT OFFICE AND ENV	61050	ADMIN GEN PURP	10900	SF	1	1991	$7,220,196	$522,200	93	76	83	N/A	87	79	68	83	82	73	N/A	76	67	29	77	N/A
30655	Fort William Henry Harrison Training Site	362628	T0022	CHAPEL	73017	CHAPEL	2572	SF	1	1943	$1,404,831	$277,610	80	73	86	N/A	76	44	80	69	N/A	47	N/A	80	91	N/A	94	N/A
30655	Fort William Henry Harrison Training Site	362630	01003	COMBINED SPT MAINT SHOP CSMS	21419	CSMS/MATES	32912	SF	1	1987	$29,756,025	$6,908,810	77	62	87	N/A	89	73	76	79	N/A	66	33	31	39	7	66	43
30655	Fort William Henry Harrison Training Site	362635	00700	COMMUNICATIONS CENTER	13120	COMMO CTR	3201	SF	1	1963	$2,111,989	$86,600	96	81	93	N/A	78	90	61	83	N/A	89	N/A	N/A	72	73	88	N/A
30655	Fort William Henry Harrison Training Site	362636	00062	CST READY BLDG CIVIL SPT TEAM	14132	READY BLDG	17685	SF	1	2005	$7,534,169	$613,760	92	83	92	N/A	95	85	77	85	N/A	68	N/A	84	65	57	90	N/A
30655	Fort William Henry Harrison Training Site	362639	00410	DINING FACILITY	72212	DINING FACIL TT	5730	SF	1	1963	$5,532,400	$410,020	93	80	93	N/A	77	82	81	88	N/A	84	N/A	68	73	80	88	N/A
30655	Fort William Henry Harrison Training Site	362640	00411	DINING FACILITY	72212	DINING FACIL TT	5906	SF	1	1963	$5,702,331	$473,920	92	80	93	N/A	77	82	81	88	N/A	83	N/A	68	74	80	88	N/A
30655	Fort William Henry Harrison Training Site	1280533	00414	Dining Facility Transient Training	72212	DINING FACIL TT	6256	SF	1	2016	$6,040,261	$339,790	94	76	91	N/A	69	78	81	80	92	74	N/A	70	69	80	77	N/A
30655	Fort William Henry Harrison Training Site	362648	00530	ENGINEER MAINTENANCE FACILITY	21925	ENGR MAINT FAC	13205	SF	1	2005	$7,901,662	$748,800	91	80	92	N/A	95	85	87	88	N/A	16	N/A	79	71	N/A	87	N/A
30655	Fort William Henry Harrison Training Site	363445	00122	ENLISTED BARRACKS TRANSIENT TRAINING	72114	TT ENL BARRACKS	3663	SF	1	1963	$1,703,733	$292,490	83	76	82	N/A	78	80	72	79	N/A	51	N/A	67	79	66	76	N/A
30655	Fort William Henry Harrison Training Site	363446	00123	ENLISTED BARRACKS TRANSIENT TRAINING	72114	TT ENL BARRACKS	3663	SF	1	1963	$1,703,733	$239,850	86	69	82	N/A	78	79	77	80	N/A	39	N/A	55	54	84	79	N/A
30655	Fort William Henry Harrison Training Site	363447	00124	ENLISTED BARRACKS TRANSIENT TRAINING	72114	TT ENL BARRACKS	3663	SF	1	1963	$1,703,733	$271,300	84	69	82	N/A	78	79	68	79	N/A	51	N/A	60	61	84	77	N/A
30655	Fort William Henry Harrison Training Site	362406	00125	ENLISTED BARRACKS TRANSIENT TRAINING	72114	TT ENL BARRACKS	3349	SF	1	1963	$1,557,685	$255,800	80	75	86	N/A	78	80	76	85	N/A	74	N/A	60	54	76	75	N/A
30655	Fort William Henry Harrison Training Site	362407	00126	ENLISTED BARRACKS TRANSIENT TRAINING	72114	TT ENL BARRACKS	3349	SF	1	1963	$1,557,685	$260,250	80	75	86	N/A	78	80	80	85	N/A	74	N/A	60	54	76	75	N/A
30655	Fort William Henry Harrison Training Site	362408	00128	ENLISTED BARRACKS TRANSIENT TRAINING	72114	TT ENL BARRACKS	3349	SF	1	1963	$1,557,685	$260,250	80	75	86	N/A	78	80	80	85	N/A	74	N/A	56	54	76	75	N/A
30655	Fort William Henry Harrison Training Site	362409	00221	ENLISTED BARRACKS TRANSIENT TRAINING	72114	TT ENL BARRACKS	3500	SF	1	1963	$1,627,918	$262,600	80	75	86	N/A	78	80	79	85	N/A	74	N/A	58	54	76	75	N/A
30655	Fort William Henry Harrison Training Site	362410	00222	ENLISTED BARRACKS TRANSIENT TRAINING	72114	TT ENL BARRACKS	3500	SF	1	1963	$1,627,918	$260,250	80	75	86	N/A	78	80	80	85	N/A	74	N/A	56	54	76	75	N/A
30655	Fort William Henry Harrison Training Site	362411	00223	ENLISTED BARRACKS TRANSIENT TRAINING	72114	TT ENL BARRACKS	3332	SF	1	1963	$1,549,778	$259,850	79	75	86	N/A	78	80	80	85	N/A	74	N/A	56	54	76	75	N/A
30655	Fort William Henry Harrison Training Site	362650	00040	EXCHANGE BRANCH	74050	EXCHANGE BRANCH	3737	SF	1	1963	$771,427	$153,690	80	81	90	N/A	77	85	81	83	N/A	71	N/A	50	73	N/A	92	N/A
30655	Fort William Henry Harrison Training Site	362479	1001A	FLAMMABLE MATERIAL STORAGE UTES	44240	FLAM MAT STR IN	192	SF	1	1984	$170,305	$28,980	83	62	85	N/A	N/A	45	77	N/A	N/A	N/A	N/A	N/A	68	N/A	63	N/A
30655	Fort William Henry Harrison Training Site	362687	T0799	GEN INSTRUCTION BLDG PREVIOUS OFFICER'S CLUB	17120	GEN INST BLDG	1963	SF	1	1954	$1,405,450	$203,090	86	64	74	N/A	74	79	69	45	N/A	42	N/A	52	88	N/A	62	N/A
30655	Fort William Henry Harrison Training Site	362688	00071	GENERAL INSTRUCTION BUILDING RTC	17120	GEN INST BLDG	2411	SF	1	1963	$1,726,205	$92,850	95	74	82	N/A	78	78	81	70	N/A	37	N/A	78	45	N/A	80	N/A
30655	Fort William Henry Harrison Training Site	362511	T0064	GENERAL INSTRUCTION BUILDING RTC	17120	GEN INST BLDG	2400	SF	1	1988	$1,598,941	$151,130	91	82	92	N/A	94	75	N/A	82	N/A	77	N/A	62	69	N/A	87	N/A
30655	Fort William Henry Harrison Training Site	362686	T0075	GENERAL INSTRUCTION BUILDING RTC	17135	LAB INST	10878	SF	1	1942	$6,153,723	$388,130	94	82	79	N/A	70	81	79	83	N/A	68	N/A	87	83	82	86	N/A
30655	Fort William Henry Harrison Training Site	362278	00405	GENERAL INSTRUCTION BUILDING RTC COMBATIVES	17138	LIMIT USE INST	4034	SF	1	1962	$2,282,119	$80,770	96	83	82	N/A	77	80	81	82	N/A	84	N/A	82	66	N/A	95	N/A
30655	Fort William Henry Harrison Training Site	362693	01900	HAFRC ARNG USAR CENTER	17142	ARNG/USAR CTR	177157	SF	1	2001	$116,041,454	$18,450,780	84	81	92	N/A	93	87	73	86	92	77	78	89	69	72	87	63
30655	Fort William Henry Harrison Training Site	362696	P1009	HEALTH CLINIC	55010	HEALTH CLINIC	9219	SF	2	1995	$7,404,658	$593,430	92	83	96	N/A	93	86	86	83	N/A	64	N/A	82	64	N/A	93	N/A
30655	Fort William Henry Harrison Training Site	362690	00412	J6 STORAGE GENERAL PURPOSE	44224	ORG STR BLDG	4139	SF	1	1963	$1,860,238	$26,650	99	82	86	N/A	76	84	81	70	N/A	90	N/A	N/A	77	N/A	85	N/A
30655	Fort William Henry Harrison Training Site	362707	01006	MAINTENANCE STORAGE SHED GENERAL PURPOSE UTES	21412	MAINT STORAGE	2177	SF	1	1990	$1,968,245	$140,450	93	72	85	N/A	85	40	72	N/A	N/A	N/A	N/A	N/A	N/A	N/A	73	N/A

30655	Fort William Henry Harrison Training Site	362717	T0016	MUSEUM	76010	MUSEUM	7048	SF	1	1942	$3,731,856	$286,420	92	82	99	N/A	58	84	51	81	85	52	N/A	84	73	N/A	92	N/A
30655	Fort William Henry Harrison Training Site	362718	T0018	MUSEUM	76010	MUSEUM	1746	SF	1	1942	$924,492	$249,200	73	67	58	N/A	85	41	100	87	82	69	N/A	72	64	N/A	87	N/A
30655	Fort William Henry Harrison Training Site	362719	T0019	MUSEUM	76010	MUSEUM	2248	SF	1	1942	$1,190,297	$176,850	85	76	84	N/A	58	77	76	86	N/A	40	N/A	83	82	N/A	89	N/A
30655	Fort William Henry Harrison Training Site	362716	T0015	MUSEUM NE BUILDING	76010	MUSEUM	1890	SF	1	1942	$1,000,739	$46,100	95	80	84	N/A	58	84	84	79	N/A	74	N/A	N/A	65	N/A	80	N/A
30655	Fort William Henry Harrison Training Site	362283	00069	PHYSICAL FITNESS CENTER	74028	PHYS FIT CTR	6435	SF	1	1962	$3,547,934	$224,950	94	79	81	N/A	77	78	81	78	N/A	84	N/A	79	65	N/A	90	N/A
30655	Fort William Henry Harrison Training Site	1021496	00531	POST ENGINEER STORAGE BUILDING	44263	VEH STOR INST	2771	SF	1	2009	$454,644	$97,850	78	83	94	N/A	91	87	89	N/A	N/A	3	N/A	N/A	N/A	N/A	94	N/A
30655	Fort William Henry Harrison Training Site	362629	00032	PUBLIC AFFAIRS DETACHMENT ARMORY	14186	CO HQ BLDG TT	2282	SF	1	1962	$1,607,011	$70,170	96	78	77	N/A	77	88	54	87	N/A	76	N/A	70	78	N/A	84	N/A
30655	Fort William Henry Harrison Training Site	362498	01005	RANGE OPERATIONS STORAGE BLDG LTL PREVIOUS [illegible]	17122	RANGE OPNS BLDG	1030	SF	1	1987	$747,678		100	87	N/A	N/A	N/A	95	74	95	N/A	95	N/A	78	84	N/A	81	N/A
30655	Fort William Henry Harrison Training Site	362499	01017	RANGE OPERATIONS AND STORAGE BUILDING	17122	RANGE OPNS BLDG	20757	SF	1	2002	$15,072,658	$1,333,440	91	77	93	N/A	92	79	81	75	N/A	38	N/A	71	50	34	87	N/A
30655	Fort William Henry Harrison Training Site	1009848	RG167	RANGE OPERATIONS CENTER	17122	RANGE OPNS BLDG	3423	SF	1	2011	$2,485,605	$383,080	85	82	94	N/A	96	84	86	83	90	44	N/A	79	50	N/A	89	N/A
30655	Fort William Henry Harrison Training Site	362503	RG128	RANGE SUPPORT BLDG FOR RG103 RIFLE RANGE	17123	RG SPT FAC	911	SF	1	2000	$661,695		100	91	94	N/A	98	94	78	95	N/A	95	N/A	3	77	N/A	87	N/A
30655	Fort William Henry Harrison Training Site	362504	RG129	RANGE SUPPORT BLDG FOR RG103 RIFLE RANGE	17123	RG SPT FAC	911	SF	1	2000	$661,695		100	90	94	N/A	98	94	30	N/A	N/A	95	N/A	3	74	N/A	84	N/A
30655	Fort William Henry Harrison Training Site	362502	RG120	RANGE SUPPORT BLDG SOUTHEAST RG123 OBS [illegible]	17123	RG SPT FAC	800	SF	1	2009	$580,919		100	79	88	N/A	88	94	95	N/A	N/A	94	N/A	39	66	N/A	90	N/A
30655	Fort William Henry Harrison Training Site	362507	RG121	RANGE SUPPORT BUILDING FOR RG101 COMBAT PISTOL [illegible]	17123	RG SPT FAC	800	SF	1	2009	$580,918		100	84	88	N/A	88	94	95	N/A	N/A	86	N/A	45	71	N/A	94	N/A
30655	Fort William Henry Harrison Training Site	362501	RG149	RANGE SUPPORT FACILITY MOUT	17123	RG SPT FAC	911	SF	1	2001	$661,811		100	93	94	N/A	98	94	94	N/A	N/A	95	N/A	6	75	N/A	94	N/A
30655	Fort William Henry Harrison Training Site	362505	RG145	RANGE SUPPORT TOWER (MOUT)	17123	RG SPT FAC	234	SF	1	2001	$169,919		100	92	88	N/A	98	89	94	N/A	N/A	95	N/A	N/A	N/A	N/A	94	N/A
30655	Fort William Henry Harrison Training Site	362509	P0035	RECREATION CTR SERVICE CLUB	74068	RECREATION CTR	8659	SF	1	1942	$3,000,465	$498,390	83	66	58	N/A	66	62	72	71	N/A	51	N/A	58	81	51	86	N/A
30655	Fort William Henry Harrison Training Site	362510	00401	REGIONAL TRAINING CENTER	17120	GEN INST BLDG	14958	SF	1	2001	$10,709,486	$2,165,220	80	75	86	N/A	98	80	87	67	92	60	N/A	89	62	38	84	N/A
30655	Fort William Henry Harrison Training Site	356301	00402	SIMULATOR BLDG ATTC	17211	SIM BLD NON-MOT	15972	SF	1	2000	$14,878,887	$1,464,030	90	79	93	N/A	95	79	74	77	N/A	78	N/A	80	73	48	78	N/A
30655	Fort William Henry Harrison Training Site	356304	01012	STORAGE GEN PURP TRAINING SITE	44224	ORG STR BLDG	4887	SF	1	1999	$2,196,510	$568,500	74	69	87	N/A	84	49	86	38	N/A	N/A	N/A	N/A	N/A	N/A	85	N/A
30655	Fort William Henry Harrison Training Site	362689	00305	STORAGE GP TSSF MIRF	44224	ORG STR BLDG	6901	SF	1	1989	$3,101,594	$35,330	99	80	86	N/A	93	79	81	83	85	36	N/A	N/A	81	96	74	N/A
30655	Fort William Henry Harrison Training Site	356314	1003A	STORAGE MAINTENANCE	21412	MAINT STORAGE	5158	SF	1	1998	$4,663,393	$54,750	99	86	93	N/A	84	77	87	N/A	N/A	N/A	N/A	N/A	N/A	N/A	62	N/A
30655	Fort William Henry Harrison Training Site	362284	01002	TOOL RECYCLING COLD STORAGE WAREHOUSE	21870	MNT STORAGE DOL	21538	SF	1	1984	$10,179,434	$182,000	98	80	87	N/A	88	58	72	42	N/A	81	N/A	N/A	44	N/A	87	N/A
30655	Fort William Henry Harrison Training Site	356325	01020	TOOL RECYCLING FACILITY	74028	PHYS FIT CTR	11116	SF	1	2003	$6,128,658	$856,590	86	74	93	N/A	92	80	60	85	N/A	30	N/A	79	59	41	84	54
30655	Fort William Henry Harrison Training Site	356333	01019	TRAINING SITE HEADQUARTERS	61050	ADMIN GEN PURP	24000	SF	1	2003	$7,846,448	$730,260	91	83	93	N/A	95	78	84	85	N/A	47	N/A	86	64	N/A	89	N/A
30655	Fort William Henry Harrison Training Site	356328	00724	TRANSIENT TNG OFFICERS QTRS	72412	TT OFF QTRS	13302	SF	1	1998	$6,318,059	$708,100	89	82	90	N/A	95	87	63	82	N/A	80	N/A	81	72	72	87	N/A
30655	Fort William Henry Harrison Training Site	1405395	00320	TRANSIENT TRAINING BARRACKS E FROM THE DRILL [illegible]	72122	TRANS UPH AST	5868	SF	1	2022	$2,729,321	$500	100	97	98	N/A	98	92	91	94	N/A	93	N/A	100	100	100	96	N/A
30655	Fort William Henry Harrison Training Site	362705	00517	TROOP CMD	61050	ADMIN GEN PURP	24729	SF	1	1963	$16,380,770	$996,600	94	79	84	N/A	84	85	72	78	84	53	N/A	74	75	73	77	N/A
30655	Fort William Henry Harrison Training Site	356330	0P710	UNACCOMPANIED PERSONNEL HOUSING	72412	TT OFF QTRS	15476	SF	1	1998	$7,350,645	$1,291,900	82	79	92	N/A	97	86	80	72	N/A	32	N/A	77	66	65	81	N/A
30655	Fort William Henry Harrison Training Site	362273	00999	UNHEATED STORAGE MAINT FAC SE OF BLDG 1003A	44224	ORG STR BLDG	3600	SF	1	2004	$1,617,989	$107,000	93	79	92	N/A	92	84	87	N/A	N/A	N/A	N/A	N/A	0	N/A	73	N/A
30655	Fort William Henry Harrison Training Site	356332	01001	UTES VEHICLE MAINTENANCE SHOP	21407	ARNG VEH MAINT	14077	SF	1	1984	$12,727,138	$1,746,150	86	65	84	N/A	84	70	65	79	N/A	76	32	35	38	32	71	21
30655	Fort William Henry Harrison Training Site	1173150	01022	VEHICLE STORAGE BLDG TFFT 1049TH	44263	VEH STOR INST	7750	SF	1	2012	$1,271,560	$41,860	97	91	90	N/A	100	84	83	N/A	N/A	N/A	N/A	N/A	84	N/A	97	N/A
30655	Fort William Henry Harrison Training Site	1336622	1013A	WASH SUPPORT FACILITY FOR WASH PLATFORM 10013	14165	FUEL/POL BLDG	285	SF	1	2001	$200,996		100	86	N/A	N/A	N/A	94	94	N/A	N/A	91	N/A	81	75	N/A	62	N/A
30585	Ft Missoula - Fms 02	570753	00327	MAINTENANCE STORAGE	21412	MAINT STORAGE	800	SF	1	1987	$759,451	$125,600	83	58	94	N/A	94	30	42	N/A	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30585	Ft Missoula - Fms 02	570754	00328	MAINTENANCE STORAGE	21412	MAINT STORAGE	8740	SF	1	1987	$8,297,005	$755,800	91	62	94	N/A	94	30	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

30585	Ft Missoula - Fms 02	570761	00381	MAINTENANCE STORAGE	21412	MAINT STORAGE	1069	SF	1	1996	$966,492	$40,910	96	83	97	N/A	97	76	67	N/A	N/A	43	N/A	N/A	N/A	N/A	78	N/A
30585	Ft Missoula - Fms 02	562281	P1001	SIMULATOR BLDG NON MOTION	17211	SIM BLD NON-MOT	6935	SF	1	1985	$6,460,268	$417,950	94	72	93	N/A	93	83	4	63	93	78	N/A	N/A	42	N/A	61	N/A
30585	Ft Missoula - Fms 02	570756	00350	VEHICLE MAINTENANCE SHOP	21412	MAINT STORAGE	2779	SF	1	1987	$2,512,518	$169,500	93	78	93	N/A	93	82	89	79	93	80	N/A	44	54	N/A	68	N/A
30585	Ft Missoula - Fms 02	570758	00377	VEHICLE MAINTENANCE SHOP	21407	ARNG VEH MAINT	8768	SF	1	1990	$7,927,225	$1,036,460	87	72	93	93	93	78	53	80	N/A	77	0	40	52	N/A	66	0
30A70	Havre Readiness Center	323954	00002	ARNG ARMORY ANNEX	17180	ARNG ARMORY	4209	SF	1	1989	$2,524,098	$274,170	89	81	94	N/A	90	83	76	82	85	51	N/A	74	65	16	87	N/A
30A70	Havre Readiness Center	323955	00001	HAVRE READINESS CENTER	17180	ARNG ARMORY	24803	SF	1	1985	$14,874,125	$1,521,120	90	83	93	N/A	92	82	76	81	86	67	N/A	79	73	81	88	N/A
30A75	Helena - Womack Rc	330952	00001	WOMACK READINESS CENTER	17180	ARNG ARMORY	19923	SF	1	1971	$11,947,635	$441,580	96	74	84	N/A	84	88	65	77	93	81	N/A	72	48	N/A	57	N/A
30A80	Helena Aviation Rc- Aasf-C12	1244072	00202	AASF REPAIR PARTS COLD STORAGE BLDG PLL	44224	ORG STR BLDG	4800	SF	1	2015	$2,157,318		100	96	98	N/A	95	95	95	94	N/A	95	N/A	N/A	N/A	N/A	95	N/A
30A80	Helena Aviation Rc- Aasf-C12	330957	00100	AC MAINTENANCE HANGAR AASF	21110	AC MAINT HGR	114679	SF	1	1998	$73,064,320	$12,264,360	83	77	97	N/A	97	81	56	77	93	41	48	78	51	75	84	57
30A80	Helena Aviation Rc- Aasf-C12	1308333	HARC1	ACCESS CONTROL BUILDING EAST BLDG 00001	14113	ACCESS CNT FAC	480	SF	1	2017	$540,076	$238,200	56	88	100	N/A	100	87	94	85	N/A	N/A	N/A	98	82	82	81	N/A
30A80	Helena Aviation Rc- Aasf-C12	319754	00200	AIRCRAFT PARTS STORAGE AASF	44224	ORG STR BLDG	58420	SF	1	1998	$26,256,581	$784,360	97	90	97	N/A	97	83	68	83	N/A	79	N/A	N/A	45	50	94	N/A
30A80	Helena Aviation Rc- Aasf-C12	323259	00400	C12 MAINT HANGAR AASF	21114	AC MAINT BAY	10717	SF	1	2006	$6,749,079	$775,750	89	83	99	N/A	99	79	78	85	N/A	73	N/A	75	69	54	94	77
30A80	Helena Aviation Rc- Aasf-C12	1084877	00302	FUEL POL BLDG SOUTH OF 00300	14165	FUEL/POL BLDG	1320	SF	1	1998	$929,426	$21,700	98	89	99	N/A	99	76	79	N/A	N/A	N/A	N/A	73	N/A	N/A	93	N/A
30A80	Helena Aviation Rc- Aasf-C12	1308372	HAZ05	HAZ MAT STORAGE BDLG HARC	44228	HAZ MAT STR INS	300	SF	0	2017	$266,102	$2,550	99	94	92	N/A	92	94	95	N/A	N/A	94	N/A	N/A	94	80	95	N/A
30A80	Helena Aviation Rc- Aasf-C12	330958	00001	HELENA AVIATION READINESS CENTER HARC	17180	ARNG ARMORY	98227	SF	1	1992	$58,905,806	$2,183,620	96	89	100	N/A	99	86	77	85	89	81	N/A	83	86	90	90	78
30A80	Helena Aviation Rc- Aasf-C12	1308338	00102	MAINTENANCE TRAINING BAYS	21885	MNT GEN PURPOSE	9596	SF	0	2016	$5,742,093	$560,480	90	88	100	N/A	100	85	72	88	N/A	N/A	N/A	80	79	92	90	78
30A80	Helena Aviation Rc- Aasf-C12	319761	00002	ORGANIZATIONAL STORAGE BLDG FOR AVN ARMORY	44224	ORG STR BLDG	16025	SF	1	2001	$7,202,297		100	93	94	N/A	89	95	95	94	N/A	95	N/A	N/A	N/A	N/A	94	N/A
30A90	Helena Fms 03	319791	000M4	HAZ MAT STORAGE	44228	HAZ MAT STR INS	300	SF	1	1958	$266,102	$42,740	84	60	84	N/A	96	35	7	N/A	82	81	N/A	N/A	50	N/A	44	N/A
30A90	Helena Fms 03	319796	000M1	ORGANIZATIONAL STORAGE	44224	ORG STR BLDG	3687	SF	2	1958	$1,657,090	$158,820	90	68	81	N/A	80	66	8	51	82	75	N/A	64	61	N/A	62	N/A
30A90	Helena Fms 03	319798	000M2	STORAGE GEN PURPOSE	44224	ORG STR BLDG	420	SF	1	1958	$188,765	$41,920	78	62	78	N/A	73	40	46	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30A90	Helena Fms 03	319799	000M3	VECHICLE MAINT SHOP 3	21407	ARNG VEH MAINT	20589	SF	2	1958	$18,614,693	$1,362,740	93	67	75	N/A	84	66	29	72	75	67	26	48	68	N/A	65	70
30B00	Kalispell Fms 01-Afrc	340605	00006	KALISPELL ARMED FORCES RSERVE CTR	17142	ARNG/USAR CTR	53561	SF	1	2004	$32,159,850	$2,711,400	92	82	94	N/A	92	72	94	83	93	83	N/A	77	70	77	88	61
30B00	Kalispell Fms 01-Afrc	340623	00007	ORG STORAGE BLDG INSIDE FMS COMPOUND	44224	ORG STR BLDG	4684	SF	1	2004	$2,105,363	$142,000	93	78	99	N/A	99	79	86	75	N/A	20	N/A	N/A	N/A	N/A	66	N/A
30B00	Kalispell Fms 01-Afrc	340627	00003	STORAGE MAINTENANCE (FMS)	21412	MAINT STORAGE	1022	SF	1	1997	$923,999	$1,900	100	90	99	N/A	99	82	87	N/A	N/A	77	N/A	N/A	N/A	N/A	91	N/A
30B00	Kalispell Fms 01-Afrc	340628	00002	VEHICLE MAINTENANCE SHOP (FMS)	21407	ARNG VEH MAINT	11827	SF	1	1988	$10,692,694	$1,244,270	88	73	93	93	93	83	77	83	N/A	51	32	36	38	N/A	68	70
30B00	Kalispell Fms 01-Afrc	340631	00008	WATER STORAGE BLDG (AFRC)	89148	WTR STOR BLDG	872	SF	1	2005	$284,331	$5,440	98	88	99	N/A	99	84	87	90	N/A	77	N/A	N/A	68	N/A	88	N/A
30B05	Lewistown Readiness Center	341407	00001	LEWISTOWN READINESS CENTER	17180	ARNG ARMORY	9712	SF	1	1962	$5,824,195	$1,106,640	81	61	77	N/A	77	56	22	81	85	70	N/A	69	82	N/A	30	N/A
30B08	Libby Readiness Center	345221	00001	LIBBY READINESS CENTER	17180	ARNG ARMORY	19260	SF	1	1994	$11,550,041	$1,653,020	86	76	94	N/A	93	69	86	74	N/A	78	N/A	53	62	38	77	N/A
30B10	Livingston Readiness Center	345123	00001	LIVINGSTON READINESS CENTER	17180	ARNG ARMORY	15851	SF	1	1990	$9,505,695	$1,586,250	83	72	95	N/A	95	69	59	67	N/A	68	N/A	51	71	32	67	N/A
30B14	Malta Readiness Center	1346143	00001	MALTA READINESS CENTER BLDG A	17180	ARNG ARMORY	32921	SF	1	2020	$19,742,414	$2,800	100	94	97	N/A	97	94	93	93	96	93	N/A	93	93	94	93	N/A
30B14	Malta Readiness Center	1346103	00002	REPAIR BAYS FACILITY BLDG B	21411	REPAIR BAYS	8600	SF	1	2020	$7,775,335		100	95	97	N/A	95	93	93	93	N/A	94	N/A	93	93	99	93	N/A
30602	Miles City Land	1021477	00100	ARNG READINESS CENTER	17180	ARNG ARMORY	31721	SF	1	2014	$19,022,785	$288,850	98	86	100	N/A	97	83	87	85	92	81	N/A	82	73	90	95	69
30602	Miles City Land	1240587	00400	FLAM MAT STR	44240	FLAM MAT STR IN	463	SF	1	2014	$410,684	$1,500	100	84	100	N/A	100	88	86	67	N/A	N/A	N/A	N/A	73	69	98	N/A
30602	Miles City Land	1226686	00300	ORG STR BLDG	44224	ORG STR BLDG	3702	SF	1	2014	$1,663,832	$169,500	90	86	100	N/A	100	82	80	87	N/A	41	N/A	N/A	N/A	N/A	97	N/A
30602	Miles City Land	1109934	00200	VEH MAINT	21412	MAINT STORAGE	3086	SF	1	2014	$2,790,079	$172,750	94	84	100	N/A	100	85	80	79	N/A	86	N/A	82	69	N/A	94	69
30602	Miles City Land	1232478	00700	VEH STR SHED	44263	VEH STOR INST	7192	SF	1	2014	$1,180,007	$940	100	96	100	N/A	100	85	85	N/A	N/A	N/A	N/A	N/A	N/A	N/A	98	N/A
30602	Miles City Land	1232479	00800	VEH STR SHED	44263	VEH STOR INST	11722	SF	1	2014	$1,923,254	$15,750	99	96	100	N/A	100	85	87	N/A	N/A	N/A	N/A	N/A	N/A	N/A	97	N/A
30B27	Missoula Afrc	1021510	00200	ARNG VEH/USAR AMSA MAINT SHOP	21411	REPAIR BAYS	13293	SF	1	2010	$12,018,316	$214,820	98	86	94	N/A	92	87	88	88	N/A	91	80	81	75	73	90	80

Appendix C

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	$10,402,049.70
☑	Boiler House	3911 Central Ave	Great Falls	1952	3,384	$609,976.50
☑	Classroom Building (Aspen)	3911 Central Ave	Great Falls	1960	9,072	$1,836,379.65
☑	Food Service Building	3911 Central Ave	Great Falls	1983	5,603	$997,734.15
☑	PE & Therapy Center (Mustang)	3911 Central Ave	Great Falls	1984	27,763	$5,153,201.55
☑	Playground	3911 Central Ave	Great Falls		23,111	$175,005.60
☑	Residential Cottage II (Glacier)	3911 Central Ave	Great Falls	1983	20,699	$4,524,311.40
☑	Residential Cottages I (Yellowstone)	3911 Central Ave	Great Falls	1983	20,699	$4,524,311.40
☑	Storage Shed (Located by Boiler Plant) / #77	3911 Central Ave	Great Falls		96	$6,577.20
☑	Storage Shed (Located by Food Service Building) / Bike Shed	3911 Central Ave	Great Falls		486	$4,528.65
☑	Storage Shed (Located by the Boiler Plant) #78	3911 Central Ave	Great Falls		96	$1,799.70
☑	Storage Shed (Located by the Boiler Plant) #79	3911 Central Ave	Great Falls		128	$6,577.20
☑	Storage Shed (Located on west side of property) / Irrigation Shed	3911 Central Ave	Great Falls		80	$6,577.20
☑	Vocational Shop Building	3911 Central Ave	Great Falls	1956	7,728	$1,296,882.30
BOARD OF PUBLIC EDUCATION, SCHOOL FOR THE DEAF & BLIND: 14 Buildings			**TOTAL SQ FT:**	**165,423**	**TOTAL CRV:**	**$29,545,912.20**

DEPARTMENT OF ADMINISTRATION

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	1209 8TH	1209 8th Ave	Helena		2,302	$434,569.80
☑	1219 8TH	1219 8th Ave	Helena		1,221	$230,497.05
☑	1225 8TH	1225 8th Ave	Helena		1,707	$322,245.00
☑	1236 6th Ave Sec of State	1236 E 6th Ave	Helena		-00	$595,780.50
☑	1424 9th for DNRC	1424 9th Ave	Helena	1968	27,840	$7,157,676.75
☑	326 Washington	326 Washington Dr	Helena		1,725	$325,641.75
☑	Airport Road Storage Building	2800 Airport Rd	Helena	1975	1,046	$72,843.75
☑	Airport Road Storage Shed	2800 Airport Rd	Helena	1975	144	$8,144.85
☑	Aviation & Support Facility-Office & Shop	2800 Airport Rd	Helena	1960	41,224	$6,045,112.50
☑	Board of Health	1301 Lockey Ave	Helena	1919	7,852	$855,687.00
☑	Boiler Plant	120 N Roberts St	Helena	1968	7,946	$1,876,578.90
☑	Capitol Annex	118 N Roberts	Helena		1,460	$275,618.70
☑	Capitol Building	1301 E 6th Ave	Helena	1889	184,564	$184,846,721.85
☑	Cogswell Building	1401 Lockey Ave	Helena	1955	96,726	$27,931,891.05
☑	Comm Political Practices	1205 8th Ave	Helena		2,004	$378,309.75
☑	Commodities Warehouse	1400 Carter Dr	Helena		46,801	$4,153,415.00
☑	Dianne Bldg.	1218 6th Ave	Helena	1954	5,780	$1,221,955.35
☑	DPHHS Headquarters Bldg, Sanders Street	111 N Sanders St	Helena	1975	47,464	$12,560,523.15
☑	Executive Residence	2 Carson St	Helena	1960	12,259	$2,200,059.75
☑	FACILITIES-GSD ADMIN/SHOP	1320 Bozeman Ave	Helena	2022	8,965	$825,832.35
☑	FWP-1420 6TH AVE	1420 E 6th Ave	Helena	1965	22,580	$5,919,259.50
☑	Garage-1205 8TH	1205 8th Ave	Helena		528	$32,281.20
☑	Garage-1209 8TH	1209 8th Ave	Helena		396	$24,209.85
☑	Garage-1219 8TH	1219 8th Ave	Helena		528	$32,281.20
☑	Garage-1225 8TH	1225 8th	Helena		285	$17,426.85
☑	Generator Building (ITSD)	125 N Roberts St	Helena	2009	1,053	$21,101.85
☑	Grounds Maintenance shop	425 N Roberts St	Helena		3,309	$510,896.40
☑	GSD PRINT AND MAIL	1698 A St	Helena	1977	23,688	$3,269,297.85

DEPARTMENT OF ADMINISTRATION

☑	Helena Data Center (SMDC) behind MDT	490 18th St	Helena	2010	15,024	$6,401,872.05
☑	Justice Building	215 N Sanders St	Helena	1982	98,850	$29,617,291.20
☑	Labor & Industry (Walt Sullivan)	1315 Lockey Ave	Helena	1959	51,235	$13,577,007.15
☐	MDT Helena HQ Building	2701 Prospect Ave	Helena	1981	-00	$0.00
☑	Metcalf Building	1520 E 6th Ave	Helena	1982	91,379	$24,467,298.45
☑	Mitchell Building	125 N Roberts St	Helena	1949	130,005	$32,585,367.15
☑	Old Livestock Building	1310 Lockey Ave	Helena	1919	7,713	$1,899,384.90
☑	Old State Fund (Margaret Condon Building) for Corrections	5 S Last Chance Gulch	Helena	1983	53,132	$13,825,266.00
☑	OPI 1300 Superintendent of Public Instruction	1300 11th Ave	Helena	1970	20,290	$5,248,251.75
☑	OPI Building 1227	1227 11th Ave	Helena	1968	15,986	$4,159,199.10
☑	Original Governor's Mansion	304 N Ewing St	Helena	1888	9,371	$4,101,364.05
☑	Original Governor's Mansion, Carriage House	304 N Ewing St	Helena	1888	2,884	$346,757.25
☑	Parking Garage 5 S LAST CHANCE GULCH	5 S Last Chance Gulch	Helena		810	$38,388.00
☑	Parking Ramp (Old State Fund)	101 East Broadway St	Helena	1983	20,142	$1,183,150.50
☑	Scott Hart Building	302 N Roberts St	Helena	1936	78,608	$20,412,404.25
☑	Two-car garage	1218 E 6th Ave	Helena		528	$32,281.20
☑	Veterans & Pioneers Memorial Bldg.	225 N Roberts St	Helena	1952	92,318	$23,707,350.45
☑	Miles City Data Center (SMDC)	114 S Haynes Ave	Miles City	2010	8,645	$2,925,368.25
DEPARTMENT OF ADMINISTRATION: 46 Buildings			**TOTAL SQ FT: 1,248,317**		**TOTAL CRV:**	**$446,673,861.20**

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	$742,921.20
DEPARTMENT OF AGRICULTURE: 1 detail record			**TOTAL SQ FT:**	**7,888**	**TOTAL CRV:**	**$742,921.20**

DEPARTMENT OF COMMERCE

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	Bozeman Building	2273 Boothill Ct	Bozeman	2004	15,150	$3,603,356.40
☐	6th Street	1500 E 6th Ave	Helena	1969	6,600	$673,832.25
☐	9th Av Building	1712 9th Ave	Helena	1971	7,200	$1,966,319.25
☐	Broadwater Cupola	2401 Colonial Dr	Helena		390	$71,791.65
☐	Colonial Drive Building	2401 Colonial Dr	Helena	1998	59,214	$17,322,958.80
☐	Park Av Building	100 N Park Ave	Helena	1984	72,022	$17,438,812.65
DEPARTMENT OF COMMERCE: 6 Buildings			**TOTAL SQ FT:**	**160,576**	**TOTAL CRV:**	**$41,077,071.00**

DEPARTMENT OF CORRECTIONS, CENTRAL OFFICE & PROBATION AND PAROLE

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	Butte - Silver bow prerelease center	55 Basin Creek Rd	Butte	1987	67,000	$7,248,775.80
☑	Eastmont Cottage 1 Office & Ed	700 E Little St	Glendive	1969	7,685	$1,196,816.25
☑	Eastmont Cottage 2 - Living Facility	700 E Little St	Glendive	1969	7,685	$1,088,884.65
☑	Eastmont Cottage 3 - Long Term Care Facility	700 E Little St	Glendive	1977	17,343	$5,448,233.70
☑	Eastmont Garage/Shop	700 E Little St	Glendive	1971	2,400	$146,735.40
☑	Eastmont Greenhouse/Shed	700 E Little St	Glendive		640	$8,339.10
☑	Eastmont Multi-Purpose Building & Addition	700 E Little St	Glendive	1969	7,788	$1,963,838.10
☑	WATCH Warm Springs	201 Orofino Way	Warm Springs	1986	47,835	$19,915,885.50
DEPARTMENT OF CORRECTIONS, CENTRAL OFFICE & PROBATION AND PAROLE: 8 Buildings			**TOTAL SQ FT:**	**158,376**	**TOTAL CRV:**	**$37,017,508.50**

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	$54,299.70
☐	Cook Chill (Food Factory)	600 Conley Lake Rd	Deer Lodge	2000	23,165	$9,257,986.50
☐	Cow Camp Calving Barn	600 Conley Lake Rd	Deer Lodge		3,600	$46,917.15
☐	Cow Camp Log Barns (Horse Barn)	600 Conley Lake Rd	Deer Lodge		400	$7,752.15
☐	Dairy Parlor	600 Conley Lake Rd	Deer Lodge	1969	42,324	$4,220,678.70
☐	Feedlot Scale House	600 Conley Lake Rd	Deer Lodge		600	$10,181.85
☐	Garden Warehouse	600 Conley Lake Rd	Deer Lodge		3,700	$62,785.80
☐	Grain Bins-5000 Bushels (4 buildings)	600 Conley Lake Rd	Deer Lodge		624	$10,586.10
☐	Granary	600 Conley Lake Rd	Deer Lodge		3,200	$146,846.70
☑	H S Laundry/Education	600 Conley Lake Rd	Deer Lodge	1995	29,250	$6,860,960.40
☐	Industrial Complex Furniture Shop	600 Conley Lake Rd	Deer Lodge	1975	20,795	$2,507,658.30
☐	Industrial Complex Warehouse	600 Conley Lake Rd	Deer Lodge	1986	17,231	$2,078,512.80
☐	Industries Furniture Shop Addition	600 Conley Lake Rd	Deer Lodge	2001	16,670	$1,826,441.40
☐	Laundry Garage	600 Conley Lake Rd	Deer Lodge		1,800	$265,945.05
☐	License Plate Distribution Center	600 Conley Lake Rd	Deer Lodge	2016	9,404	$2,076,342.45
☐	Logging Shop/Storage	600 Conley Lake Rd	Deer Lodge		7,076	$163,160.55
☑	MVM Building	600 Conley Lake Rd	Deer Lodge	1975	27,000	$4,985,731.80
☐	MVM Building Addition	600 Conley Lake Rd	Deer Lodge		1,875	$118,072.50
☐	Print & Sign	600 Conley Lake Rd	Deer Lodge	1975	14,250	$1,704,709.65
☐	Ranch 1 - Supervisor's Garage	600 Conley Lake Rd	Deer Lodge		728	$44,507.40
☐	Ranch 1 Calving Barn	Cow Camp	Deer Lodge		3,600	$49,901.25
☐	Ranch 1 Horse and Tack Barn	600 Conley Lake Rd	Deer Lodge		3,900	$75,577.95
☐	Ranch 1 Residence	600 Conley Lake Rd	Deer Lodge		1,556	$122,372.25
☐	Ranch 1 Storage Barn	Ranch 1 - MSP	Deer Lodge		4,680	$122,372.25
☐	Ranch 1 Supervisor Residence & Garage	600 Conley Lake Rd	Deer Lodge		2,128	$146,846.70
☐	Ranch 1 Supervisor Residence & Garage	600 Conley Lake Rd	Deer Lodge		2,128	$146,846.70
☐	Ranch 1 Supervisor Residence & Garage	600 Conley Lake Rd	Deer Lodge		2,128	$146,846.70
☐	Ranch 2 - House & Garage	600 Conley Lake Rd	Deer Lodge		2,348	$163,160.55

DEPARTMENT OF CORRECTIONS, MONTANA CORRECTIONAL ENTERPRISES

☐	Ranch 2 Shop Building	600 Conley Lake Rd	Deer Lodge	3,200	$195,646.50
☐	Ranch 2 Stone Barn Storage Area	600 Conley Lake Rd	Deer Lodge	3,441	$106,055.25
☐	Ranch 7 - Calving Barn Facility	600 Conley Lake Rd	Deer Lodge	2,500	$65,264.85
☐	Ranch Calving Barn	600 Conley Lake Rd	Deer Lodge	3,600	$69,762.00
☐	Ranch Office Log Cabin & Extension	600 Conley Lake Rd	Deer Lodge	2,880	$424,218.90
☐	Ranch/Industries Warehouse	600 Conley Lake Rd	Deer Lodge	7,200	$163,160.55
☐	Range Office	Ranch	Deer Lodge	988	$15,091.65
☐	Silo-dairy milk precool system	600 Conley Lake Rd	Deer Lodge	225	$169,687.35
☐	Storage Root Cellar	600 Conley Lake Rd	Deer Lodge	11,938	$244,742.40
☐	Taylor 6 Barn	Cow Camp	Deer Lodge	3,600	$62,797.35
☐	Toyota Building (Add'n to MVM)	600 Conley Lake Rd	Deer Lodge	3,000	$183,415.05
☐	Vocational Education MVM Addition	600 Conley Lake Rd	Deer Lodge	5,000	$305,694.90
DEPARTMENT OF CORRECTIONS, MONTANA CORRECTIONAL ENTERPRISES: 40 Buildings			**TOTAL SQ FT:**	**296,932**	**TOTAL CRV:** **$39,429,538.05**

DEPARTMENT OF CORRECTIONS, MONTANA STATE PRISON

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Change House	400 Conley Lake Rd	Deer Lodge		2,405	$79,172.10
☑	Check Point	400 Conley Lake Rd	Deer Lodge		100	$16,263.45
☑	Conley Lake Bunk/Guest House	400 Conley Lake Rd	Deer Lodge		280	$9,219.00
☑	Conley Lake Double Garage	400 Conley Lake Rd	Deer Lodge		576	$35,214.90
☑	Conley Lake Double Garage/Storage	400 Conley Lake Rd	Deer Lodge		864	$52,823.40
☑	Conley Lake Lodge	400 Conley Lake Rd	Deer Lodge		1,865	$303,333.45
☑	Conley Lake Residence	400 Conley Lake Rd	Deer Lodge		3,703	$219,922.50
☑	Execution Trailer	400 Conley Lake Rd	Deer Lodge	1982	336	$46,531.80
☑	F Unit	1100 Conley Lake Rd	Deer Lodge	1998	23,465	$7,068,411.00
☑	Fire Truck Garage	400 Conley Lake Rd	Deer Lodge	1996	1,680	$102,712.05
☑	Garage (Nelson)	400 Conley Lake Rd	Deer Lodge		768	$46,954.95
☑	Garage 804 College (Mahoney)	804 College Ave	Deer Lodge		720	$44,021.25
☑	Guard Station (Rear)	400 Conley Lake Rd	Deer Lodge	1976	355	$57,741.60
☑	Guard Tower #1	400 Conley Lake Rd	Deer Lodge		300	$38,033.10
☑	Guard Tower #2	400 Conley Lake Rd	Deer Lodge	1985	100	$16,263.45
☑	Guard Tower #3	400 Conley Lake Rd	Deer Lodge	1985	100	$16,263.45
☑	Guard Tower #4	400 Conley Lake Rd	Deer Lodge	1985	108	$17,567.55
☑	Guard Tower #5	400 Conley Lake Rd	Deer Lodge		100	$151,733.40
☑	High Security Gym	400 Conley Lake Rd	Deer Lodge	1950	11,900	$2,858,294.25
☑	High Security Support Building	400 Conley Lake Rd	Deer Lodge	1982	15,000	$5,159,864.85
☑	High Side Food Service Building	400 Conley Lake Rd	Deer Lodge	1976	12,144	$3,352,738.20
☑	HSU-1 (High Side Unit 1)	400 Conley Lake Rd	Deer Lodge	1979	22,613	$7,098,827.40
☑	HSU-2 (High Side Unit 2)	400 Conley Lake Rd	Deer Lodge	1979	22,613	$7,098,827.40
☑	Infirmary Building	400 Conley Lake Rd	Deer Lodge	1985	12,473	$2,040,691.80
☑	Low Security Gym	400 Conley Lake Rd	Deer Lodge	1984	9,816	$2,373,133.35
☑	Low Security Support (Rothe)	400 Conley Lake Rd	Deer Lodge	1968	33,877	$9,054,557.40
☑	Main Prison Warehouse	400 Conley Lake Rd	Deer Lodge	1988	23,490	$1,318,661.40
☑	Maintenance Complex	400 Conley Lake Rd	Deer Lodge	1965	22,000	$2,024,345.40

DEPARTMENT OF CORRECTIONS, MONTANA STATE PRISON

☑	MDIU (Martz Diagnostic and Intake Unit)	400 Conley Lake Rd	Deer Lodge	2004	34,861	$11,153,722.65
☑	MSP Armory	400 Conley Lake Rd	Deer Lodge	1968	6,903	$1,337,662.20
☑	New Scale House	400 Conley Lake Rd	Deer Lodge	2014	500	$24,640.35
☑	Pump House 1 & Equipment	400 Conley Lake Rd	Deer Lodge	1965	192	$8,218.35
☑	Pump House 2 & Equipment	400 Conley Lake Rd	Deer Lodge	1977	320	$21,149.10
☑	Ranch 4	Ranch 4, N of Deer Lodge	Deer Lodge		576	$35,214.90
☑	Religious Activity Center	400 Conley Lake Rd	Deer Lodge	1979	4,956	$849,423.75
☑	Residence (Nelson)	400 Conley Lake Rd	Deer Lodge		2,100	$174,779.85
☑	Residence 804 College (Mahoney)	804 College Ave	Deer Lodge		1,100	$65,329.95
☑	RHU (Restricted Housing Unit)	400 Conley Lake Rd	Deer Lodge	1986	34,017	$9,502,801.35
☑	SAU (Secure Adjustment Unit)	400 Conley Lake Rd	Deer Lodge	1986	34,038	$9,215,922.45
☑	Security Services	400 Conley Lake Rd	Deer Lodge	1968	10,160	$3,478,885.20
☑	Sewer Lagoon Electrical Building	400 Conley Lake Rd	Deer Lodge	1983	100	$1,597.05
☑	Sewer Lagoon Pumphouse	400 Conley Lake Rd	Deer Lodge	1983	356	$50,480.85
☐	storage shed	1100 Conley Lake Rd	Deer Lodge		150	$7,392.00
☑	Tool Control/Storage	400 Conley Lake Rd	Deer Lodge		4,136	$70,182.00
☑	Unit A Commons	400 Conley Lake Rd	Deer Lodge	1976	4,096	$1,391,806.50
☑	Unit A Housing	400 Conley Lake Rd	Deer Lodge	1976	19,415	$8,684,012.40
☑	Unit B Commons	400 Conley Lake Rd	Deer Lodge	1976	4,096	$1,391,806.50
☑	Unit B Housing	400 Conley Lake Rd	Deer Lodge	1976	19,415	$8,684,012.40
☑	Unit C Commons	400 Conley Lake Rd	Deer Lodge	1976	4,096	$1,391,806.50
☑	Unit C Housing	400 Conley Lake Rd	Deer Lodge	1976	19,415	$8,684,012.40
☑	Unit D	400 Conley Lake Rd	Deer Lodge	1990	10,000	$4,414,299.75
☑	Wallace Administration Building	400 Conley Lake Rd	Deer Lodge	1979	23,838	$5,490,661.05
☑	Warehouse 14	400 Conley Lake Rd	Deer Lodge		4,136	$70,182.00
☑	Warehouse/Canteen	400 Conley Lake Rd	Deer Lodge	2009	9,957	$512,541.75
☑	Water Storage Reservoir	400 Conley Lake Rd	Deer Lodge	1998	1,257	$377,184.15
☑	WRC (Work Reentry Center)	400 Conley Lake Rd	Deer Lodge	1995	30,932	$8,089,103.40
DEPARTMENT OF CORRECTIONS, MONTANA STATE PRISON: 56 Buildings				**TOTAL SQ FT:**	**508,869**	**TOTAL CRV:** **$135,880,954.65**

DEPARTMENT OF CORRECTIONS, MONTANA WOMEN'S PRISON

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Industries Building	701 S 27th St	Billings	1998	6,400	$1,096,518.15
☑	Montana Women's Prison Main Building	701 S 27th St	Billings	1985	76,543	$33,034,991.85
☑	MWP Food Production	701 S 27th St	Billings		2,400	$154,138.95
☑	MWP Storage Shed 10x20 Metal	701 S 27th St	Billings	2015	200	$9,212.70
☑	MWP Tree Fort	701 S 27th St	Billings	2020	200	$5,426.40
DEPARTMENT OF CORRECTIONS, MONTANA WOMEN'S PRISON: 5 Buildings			**TOTAL SQ FT:**	**85,743**	**TOTAL CRV:**	**$34,300,288.05**

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	$1,465,257.15
☑	Housing Unit 14	2 Riverside Rd	Boulder	1972	7,926	$1,666,511.70
☑	Industries/Maintenance Building	2 Riverside Rd	Boulder	1972	6,971	$1,465,322.25
☑	Multi Purpose Building	2 Riverside Rd	Boulder	1999	9,540	$2,010,373.05
☑	Outside Walk in Cooler	2 Riverside Rd	Boulder	1997	144	$6,099.45
☑	Programs Building #15	2 Riverside Rd	Boulder	1972	6,980	$1,466,695.65
☑	Pump House South of River	2 Riverside Rd	Boulder	1960	140	$25,127.55
☑	Repair/Fuel/Garage (addition to #44)	2 Riverside Rd	Boulder	1952	1,890	$80,079.30
☐	Storage Shed	2 Riverside Rd	Boulder	1998	160	$6,778.80
☐	Storage Shed	2 Riverside Rd	Boulder	1998	160	$6,778.80
☐	Storage shed	2 Riverside Rd	Boulder	1998	160	$6,778.80
DEPARTMENT OF CORRECTIONS, MSP-RIVERSIDE SPECIAL NEEDS UNIT: 11 Buildings			**TOTAL SQ FT:**	**41,042**	**TOTAL CRV:**	**$8,205,802.50**

DEPARTMENT OF CORRECTIONS, PINE HILLS CORRECTIONAL FACILITY

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Academic Training Center	4 N Haynes Ave	Miles City	1966	22,584	$6,009,894.45
☑	Bull Barn - State Lands Leased	4 N Haynes Ave	Miles City		840	$16,279.20
☑	Dairy Barn - State Lands Leased	4 N Haynes Ave	Miles City	1916	8,544	$165,568.20
☑	Food Production-Storage Shed	4 N Haynes Ave	Miles City	2012	100	$4,927.65
☑	Housing Unit E	4 N Haynes Ave	Miles City	2000	6,726	$1,281,224.70
☑	Loafing Shed - State Lands	4 N Haynes Ave	Miles City		3,304	$43,056.30
☑	Machine Shed	4 N Haynes Ave	Miles City	1965	2,400	$129,173.10
☑	Main Building/PHYCF	4 N Haynes Ave	Miles City	2000	43,838	$18,651,144.75
☑	PHYCF Food Production	4 N Haynes Ave	Miles City	2012	2,400	$152,748.75
☑	Physical Training Center	4 N Haynes Ave	Miles City	1968	16,416	$3,694,855.50
☑	Restitution Building	4 N Haynes Ave	Miles City	1999	768	$13,034.70
☑	Spirituality Center	4 N Haynes Ave	Miles City	1983	9,250	$2,905,637.70
☑	Vo Ag Greenhouse	4 N Haynes Ave	Miles City	1993	1,152	$39,096.75
☑	Vo Ag Storage Building North	4 N Haynes Ave	Miles City	1976	100	$5,720.40
☑	VoAg Storage Building South	4 N Haynes Ave	Miles City	1977	168	$9,043.65
☑	Warehouse/Maintenance	4 N Haynes Ave	Miles City	1971	12,727	$180,373.20
DEPARTMENT OF CORRECTIONS, PINE HILLS CORRECTIONAL FACILITY: 16 Buildings			**TOTAL SQ FT:**	**131,317**	**TOTAL CRV:**	**$33,301,779.00**

DEPARTMENT OF ENVIRONMENTAL QUALITY

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	Basin Creek Mine Truck Shop	Basin Creek Rd	Basin	1990	4,800	$287,514.15
☐	EKTO SHELTER BILLINGS Coburn Rd	624 Coburn Rd	Billings	1992	120	$401.10
☐	EKTO SHELTER BOZEMAN	NCORE	Bozeman		120	$1,456.35
☐	EKTO SHELTER BROADUS	Big Powder East Rd, 2 miles E o	Broadus		120	$1,456.35
☐	EKTO SHELTER COLUMBIA FALLS	610 13th St W	Columbia Falls		120	$1,456.35
☐	EKTO SHELTER GREAT FALLS	10th Ave S & 2nd St	Great Falls	1992	120	$24,777.90
☐	EKTO SHELTER HAMILTON PS#46	Madison and 3rd St South	Hamilton		120	$1,456.35
☐	EKTO SHELTER NCORE	17.7 miles N-NE of Helena off	Helena		120	$1,456.35
☐	EKTO SHELTER Rossiter	1497 Sierra Rd	Helena		120	$1,456.35
☐	ITB ENCLOSURE-mobile instrument trailer	2800 Airport Rd	Helena	2015	300	$13,945.05
☐	Storage Shed	1225 Cedar St	Helena	2007	120	$4,906.65
☐	Storage Shed	1225 Cedar St	Helena	2007	120	$4,906.65
☐	EKTO SHELTER KALISPELL ELECTRIC	Center St and Woodland Ave	Kalispell	1995	120	$24,777.90
☐	EKTO SHELTER, LEWISTOWN	303 E Aztec Dr	Lewistown	2012	120	$14,479.50
☐	EKTO SHELTER-Malta	2309 Short Oil Rd	Malta	2012	120	$14,479.50
☐	EKTO SHELTER MILES CITY	3636 Leighton Blvd	Miles City		120	$1,456.35
☐	EKTO SHELTER MISSOULA Boyd Park	3131 Washburn Rd	Missoula		120	$1,456.35
☐	EKTO SHELTER Seeley Lake	200 School Ln	Seeley Lake		120	$1,456.35
☐	EKTO SHELTER Sidney	Intersection of CO Rd 131 and	Sidney		120	$1,456.35
☐	EKTO SHELTER Thompson Falls	601 Golf St Thompson Falls Hig	Thompson Falls		120	$1,456.35
☐	EKTO SHELTER WEST YELLOWSTONE	Park Entrance	West Yellowstone	1998	120	$24,777.90
☐	EKTO SHELTER WHITEFISH	End of 10th St	Whitefish	1998	120	$24,777.90
☐	Alder Spur Capture System Pump House	Zortman Mine Zortman-Landus	Zortman	2000	96	$1,661.10
☐	Carter Gulch Capture System Pump House	Landusky Mine Zortman-Landu	Zortman	2000	96	$1,661.10
☐	Frog Pond Capture System Pump House	Landusky Mine-Landusky Rout	Zortman	2000	216	$1,661.10
☐	Landusky Maintenance/Lube Shop	Landusky Mine-Landusky Rout	Zortman	2001	60,000	$249,368.70
☐	Landusky Mine Backup Generator	Landusky Mine-Landusky Rout	Zortman	2002	200	$36,574.65
☐	Landusky Upper Warehouse	Landusky Mine-Landusky Rout	Zortman	1985	11,500	$845,138.70

DEPARTMENT OF ENVIRONMENTAL QUALITY

☐	Landusky Water Treatment Plant	Landusky Mine - Landusky Rou	Zortman	2000	120,000	$664,986.00
☐	Landusky/Zortman Water Delivery System Pipeline	Landusky Mine-Landusky Rout	Zortman	2000	-00	$83,123.25
☐	Merrill Crowe Water Treatment Plant Maint. Bldg	Zortman Mine-Zortman-Landu	Zortman	2000	42,000	$33,248.25
☐	Mill Gulch Capture System Pump House	Landusky Mine-Landusky Rout	Zortman	2000	192	$4,158.00
☐	ROCKY MTN FAB STEEL TANK #3	Zortman Mine-Zortman-Landu	Zortman	2005	1,032	$79,876.65
☐	ROCKY MTN FAVR STEEL TANK #4	Zortman Mine-Zortman-Landu	Zortman	2005	3,600	$278,646.90
☐	ROCKY MTN GABR STEEL TANK #1	Zortman Mine-Zortman-Landu	Zortman	2005	1,032	$79,876.65
☐	ROKCY MTN GABR STEEL TANK #2	Zortman Mine-Zortman-Landu	Zortman	2005	1,032	$79,876.65
☐	Ruby Gulch Pumpback System Pump House	Zortman Mine-Zortman-Landu	Zortman	2000	1,296	$24,937.50
☐	Sullivan Gulch Capture System Pump House	Landusky Mine-Landusky Rout	Zortman	2000	192	$4,158.00
☐	SWIFT GULCH WATER TREATMENT BUILDING	Zortman Mine-Zortman-Landu	Zortman	2011	1,472	$187,254.90
☐	Upper Merrill Crowe Bldg-Biological Treatment Plnt	Landusky Mine-Landusky Rout	Zortman	2001	55,000	$83,123.25
☐	Upper MT Capture System Pump House	Landusky Mine-Landusky Rout	Zortman	2000	216	$4,158.00
☐	WIND TURBINE	Zortman Mine-Zortman-Landu	Zortman	2013	-00	$0.00
☐	Zortman Mine Backup Generator	Zortman Mine-Zortman-Landu	Zortman	2002	220	$40,232.85
☐	Zortman Water Treatment Plant	Zortman Mine-Zortman-Landu	Zortman	2000	65,000	$664,986.00
DEPARTMENT OF ENVIRONMENTAL QUALITY: 44 Buildings			**TOTAL SQ FT:**	**371,892**	**TOTAL CRV:**	**$3,904,472.25**

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	$9,576.00
☐	5) Castle Rock FAS - Building - Latrine ADA	15 mi W of Absarokee on Hwy	Absarokee	1995	77	$9,576.00
☐	5) Cliff Swallow FAS - Building - Latrine	9 mi W of Absarokee on Hwy 4	Absarokee	1995	77	$9,576.00
☐	5) Cliff Swallow FAS - Building - Latrine	9 mi W of Absarokee on Hwy 4	Absarokee	2015	77	$7,783.65
☐	5) Jeffreys Landing FAS - Building - Latrine	1.5 mi N of Absarokee Hwy 78	Absarokee	2009	77	$8,621.55
☐	5) Jeffreys Landing FAS -Building - Garage	1.5 mi N of Absarokee Hwy 78	Absarokee	1917	1,200	$61,771.50
☐	5) Moraine FAS - Building - Latrine - ADA	16.1 mi W of Absorkee on Hwy	Absarokee	1999	77	$9,576.00
☐	3) Ruby Dam FAS - Building - Latrine	7 mi S of Alder on Ruby Dam R	Alder	1999	77	$9,576.00
☐	3) Vigilante FAS - Building - Latrine ADA	6 mi S of Alder on Ruby Dam R	Alder	1999	77	$9,576.00
☐	2) Georgetown Lake Patrol - Building - Latrine	23 mi W of Anaconda, cross Slo	Anaconda	1980	64	$16,511.25
☐	2) Georgetown Lake Patrol - Building - Patrol Cabin	23 mi W of Anaconda, cross Slo	Anaconda	1930	392	$13,843.20
☐	2) Georgetown Lake Patrol - Building - Patrol Cabin	23 mi W of Anaconda, cross Slo	Anaconda	1930	280	$4,587.45
☐	2) Georgetown Lake Patrol - Building - Shop	23 mi W of Anaconda, cross Slo	Anaconda	2002	576	$12,040.35
☐	2) Georgetown Lake Patrol - Sleeping Quarters	23 mi W of Anaconda, cross Slo	Anaconda	1932	400	$13,165.95
☐	2) Lost Creek SP - Building - Latrine	5750 Lost Creek Rd	Anaconda	1999	77	$9,576.00
☐	2) Lost Creek SP - Building - Latrine	5750 Lost Creek Rd	Anaconda	2008	224	$29,593.20
☐	2) Lost Creek SP - Building - Latrine	5750 Lost Creek Rd	Anaconda	2003	77	$9,576.00
☐	2) Lost Creek SP - Building - Latrine	5750 Lost Creek Rd	Anaconda	2004	77	$9,207.45
☐	2) Lost Creek SP - Building - Latrine	5750 Lost Creek Rd	Anaconda	2003	77	$9,576.00
☐	2) Washoe Park Hatchery - Building	600 W Pennsylvania St	Anaconda	1998	7,728	$1,331,035.65
☐	2) Washoe Park Hatchery - Building - Aeration Tower	600 W Pennsylvania St	Anaconda	1998	866	$366,387.00
☐	2) Washoe Park Hatchery - Building - Cold Storage	600 W Pennsylvania St	Anaconda	1948	954	$9,467.85
☐	2) Washoe Park Hatchery - Building - Creek Water Intake	600 W Pennsylvania St	Anaconda	1989	210	$67,573.80
☐	2) Washoe Park Hatchery - Building - Garage	600 W Pennsylvania St	Anaconda	1950	528	$15,651.30
☐	2) Washoe Park Hatchery - Building - Garage 4 bay	600 W Pennsylvania St	Anaconda	1975	1,240	$53,348.40
☐	2) Washoe Park Hatchery - Building - Garage Shop	600 W Pennsylvania St	Anaconda	1950	1,656	$139,427.40
☐	2) Washoe Park Hatchery - Building - Isolation	600 W Pennsylvania St	Anaconda	2019	900	$38,133.90
☐	2) Washoe Park Hatchery - Building - Old Raceways Shelter	604 W Pennsylvania St	Anaconda	1950	2,264	$139,443.15

DEPARTMENT OF FISH, WILDLIFE & PARKS

☐	2) Washoe Park Hatchery - Building - Raceway Shelter - Northeast	600 W Pennsylvania St	Anaconda	1970	630	$246,544.20
☐	2) Washoe Park Hatchery - Building - Raceway Shelter - Northwest	600 W Pennsylvania St	Anaconda	1970	630	$257,787.60
☐	2) Washoe Park Hatchery - Building - Raceway Shelter - Southeast	600 W Pennsylvania St	Anaconda	1970	630	$257,787.60
☐	2) Washoe Park Hatchery - Building - Raceway Shelter - Southwest	600 W Pennsylvania St	Anaconda	1992	630	$59,993.85
☐	2) Washoe Park Hatchery - Building - Shed	600 W Pennsylvania St	Anaconda	2020	96	$4,046.70
☐	2) Washoe Park Hatchery - Dwelling/Residence	600 W Pennsylvania St	Anaconda	1950	944	$182,071.05
☐	2) Washoe Park Hatchery - Fish Tank	604 W Pennsylvania St	Anaconda	1998	572	$35,897.40
☐	2) Washoe Park Hatchery - Residence #1 New	600 W Pennsylvania St	Anaconda	1975	1,436	$277,102.35
☐	2) Washoe Park Hatchery - Residence #2 New	600 W Pennsylvania St	Anaconda	1975	1,432	$277,102.35
☐	2) Jocko River Trout Hatchery - Building	71873 Hatchery Ln	Arlee	1948	4,144	$389,145.75
☐	2) Jocko River Trout Hatchery - Building - Cover Pump House	71873 Hatchery Ln	Arlee	1992	16	$1,941.45
☐	2) Jocko River Trout Hatchery - Building - Feed Shed	71873 Hatchery Ln	Arlee	2005	192	$24,432.45
☐	2) Jocko River Trout Hatchery - Building - Fire Pump House	71873 Hatchery Ln	Arlee	2005	96	$14,462.70
☐	2) Jocko River Trout Hatchery - Building - Four-Stall Garage	71873 Hatchery Ln	Arlee	1948	1,368	$83,640.90
☐	2) Jocko River Trout Hatchery - Building - Garage	71873 Hatchery Ln	Arlee	2000	720	$44,021.25
☐	2) Jocko River Trout Hatchery - Building - Garage 2	71873 Hatchery Ln	Arlee	2000	720	$44,021.25
☐	2) Jocko River Trout Hatchery - Building - Garage 3	71873 Hatchery Ln	Arlee	2000	720	$44,021.25
☐	2) Jocko River Trout Hatchery - Building - Garage/Storage	71873 Hatchery Ln	Arlee	2009	3,000	$382,650.45
☐	2) Jocko River Trout Hatchery - Building - Latrine	71873 Hatchery Ln	Arlee	2016	144	$7,696.50
☐	2) Jocko River Trout Hatchery - Building - Modular House	71873 Hatchery Ln	Arlee	1973	1,152	$78,191.40
☐	2) Jocko River Trout Hatchery - Building - Raceway Shelter - North	71873 Hatchery Ln	Arlee	2002	630	$15,729.00
☐	2) Jocko River Trout Hatchery - Building - Raceway Shelter - South	71873 Hatchery Ln	Arlee	2002	630	$15,729.00
☐	2) Jocko River Trout Hatchery - Building - Shed	71873 Hatchery Ln	Arlee	1992	64	$2,946.30
☐	2) Jocko River Trout Hatchery - Building - Shed	71873 Hatchery Ln	Arlee	1992	64	$2,946.30
☐	2) Jocko River Trout Hatchery - Building - Spawn House	71873 Hatchery Ln	Arlee	1948	312	$32,940.60
☐	2) Jocko River Trout Hatchery - Dwelling No. 2 - East	71873 Hatchery Ln	Arlee	1940	2,340	$165,616.50
☐	2) Jocko River Trout Hatchery - Dwelling No. 3 - West	71873 Hatchery Ln	Arlee	1948	2,340	$165,616.50
☐	4) Augusta Check Station	9 mi NW of Augusta	Augusta	1950	320	$29,302.35
☐	4) Augusta Check Station FAS - Building	Augusta	Augusta	2005	250	$26,394.90

☐	4) Bean Lake FAS - Building - Latrine ADA	2016 Dearborn Canyon Rd	Augusta	1994	77	$7,715.40
☐	4) Bean Lake FAS - Building - Latrine ADA	2016 Dearborn Canyon Rd	Augusta	1994	77	$9,576.00
☐	4) Falls Creek FAS - Building - Latrine ADA	Latitude 47.2766, Longitude -1	Augusta	2020	77	$6,848.10
☐	4) Gibson Reservoir - Building - Barn	25 mi NW of Augusta on Sun C	Augusta	1960	384	$7,152.60
☐	4) Gibson Reservoir - Building - Cabin	25 mi NW of Augusta on Sun C	Augusta	1960	384	$12,154.80
☐	4) Gibson Reservoir - Building - Shed	25 mi NW of Augusta on Sun C	Augusta	1960	100	$4,606.35
☐	4) Nilan Reservoir FAS - Building - Latrine	7140 Benchmark Rd	Augusta	1997	77	$9,576.00
☐	4) Nilan Reservoir FAS - Building - Latrine ADA	7140 Benchmark Rd	Augusta	1996	77	$9,576.00
☐	4) Sun River WMA - Building - Barn	9 mi NW of Augusta	Augusta	1965	1,024	$10,988.25
☐	4) Sun River WMA - Building - Bunkhouse	9 mi NW of Augusta	Augusta	1935	2,792	$91,913.85
☐	4) Sun River WMA - Building - Garage	9 mi NW of Augusta	Augusta	1965	576	$26,534.55
☐	4) Sun River WMA - Building - Latrine ADA	9 mi NW of Augusta	Augusta	1999	77	$9,576.00
☐	4) Sun River WMA - Building - Latrine ADA	9 mi NW of Augusta	Augusta	1999	77	$9,576.00
☐	4) Sun River WMA - Building - Storage	9 mi NW of Augusta	Augusta	1965	168	$9,606.45
☐	4) Willow Creek - Building - Barn	740 Beaver Willow Rd	Augusta	1970	728	$16,971.15
☐	4) Willow Creek - Building - Cabin	740 Beaver Willow Rd	Augusta	1972	1,069	$30,328.20
☐	2) Spotted Dog WMA - Building - Shop/Barn	nearest town Avon	Avon	2010	6,600	$110,222.70
☐	3) Axtell Bridge FAS - Building - Latrine	4.2 mi S of Four Corners on Hw	Belgrade	1999	77	$9,576.00
☐	3) Cameron Bridge FAS - Building - Latrine ADA	2 mi S of Belgrade Hwy 85, pos	Belgrade	1982	77	$19,899.60
☐	3) Erwin Bridge FAS - Building - Latrine	4 mi W of Belgrade on Amsterd	Belgrade	2008	77	$8,254.05
☐	3) Four Corners FAS - Building - Latrine	I 90 at Manhattan mi marker 2	Belgrade	2008	77	$8,254.05
☐	4) Sluice Boxes SP - Building - Latrine ADA	38 Evans Riceville Rd	Belt	1999	77	$9,576.00
☐	1) Big Arm SP - Building - Comfort Station	28031 Big Arm State Park Rd	Big Arm	1996	1,368	$254,103.15
☐	1) Big Arm SP - Building - Entrance Station	28031 Big Arm State Park Rd	Big Arm	1994	66	$7,581.00
☐	1) Big Arm SP - Building - Latrine - ADA	28031 Big Arm State Park Rd	Big Arm	1996	77	$9,576.00
☐	1) Big Arm SP - Building - Latrine - Aspen Vault	28031 Big Arm State Park Rd	Big Arm	2009	160	$18,119.85
☐	1) Big Arm SP - Building - Latrine - Aspen Vault	28031 Big Arm State Park Rd	Big Arm	2009	160	$18,119.85
☐	1) Big Arm SP - Building - Latrine - Vault	28031 Big Arm State Park Rd	Big Arm	2000	77	$9,576.00
☐	1) Big Arm SP - Building - Latrine - Vault	28031 Big Arm State Park Rd	Big Arm	2000	77	$9,576.00

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☐	1) Big Arm SP - Building - Picnic Shelter	28031 Big Arm State Park Rd	Big Arm	1990	176	$13,903.05
☐	1) Big Arm SP - Building - Picnic Shelter	28031 Big Arm State Park Rd	Big Arm	1991	176	$21,893.55
☐	1) Big Arm SP - Building - Pump House	28031 Big Arm State Park Rd	Big Arm	1990	50	$7,536.90
☐	1) Big Arm SP - Building - Storage Garage	28031 Big Arm State Park Rd	Big Arm	2009	384	$33,710.25
☐	1) Big Arm SP - Building - Yurt Structure	28031 Big Arm State Park Rd	Big Arm	1998	315	$12,219.90
☐	1) Big Arm SP - Building - Yurt Structure	28031 Big Arm State Park Rd	Big Arm	2009	315	$57,126.30
☐	1) Big Arm SP - Building - Yurt Structure - ADA	28031 Big Arm State Park Rd	Big Arm	2009	315	$58,960.65
☐	5) Grey Bear FAS - Building - Latrine ADA	I-90 exit 367 N on Frontage Rd,	Big Sky	1994	77	$9,576.00
☐	5) Boulder Forks FAS - Building - Latrine - ADA	S on McLeod/Hwy 298 for 16	Big Timber	1999	77	$9,576.00
☐	5) Bratten FAS - Building - Latrine	I-90 exit 392, Frontage Rd, W 4	Big Timber	2007	77	$8,621.55
☐	5) Grey Bear FAS - Building - Latrine ADA	I-90 exit 367 N on Frontage Rd,	Big Timber	1996	77	$9,576.00
☐	5) Grey Bear FAS - Building - Latrine ADA	I-90 exit 367 N on Frontage Rd,	Big Timber	1995	77	$9,576.00
☐	5) Pelican FAS - Building - Latrine ADA	I-90 Exit 392 to N Frontage Rd,	Big Timber	2004	77	$9,576.00
☐	5) Yellowstone River Trout Hatchery - Building - Dwelling #3	7A Fairgrounds Rd	Big Timber	1984	1,640	$24,411.45
☐	5) Yellowstone River Trout Hatchery - Building - Dwelling No. 2	17 Fairgrounds Rd	Big Timber	1948	2,528	$171,589.95
☐	5) Yellowstone River Trout Hatchery - Building - Garage & Shop	17 Fairgrounds Rd	Big Timber	1948	1,249	$76,300.35
☐	5) Yellowstone River Trout Hatchery - Building - Office	17 Fairgrounds Rd	Big Timber	1985	4,275	$562,209.90
☐	5) Yellowstone River Trout Hatchery - Building - Residence - Garage	17 Fairgrounds Rd	Big Timber	2000	576	$35,214.90
☐	5) Yellowstone River Trout Hatchery - Raceway Shelter	17 Fairgrounds Rd	Big Timber	2004	630	$59,993.85
☐	1) Bigfork FAS - Building - Flush Toilet	Off Hwy 35 at post 31	Bigfork	1974	64	$7,961.10
☐	1) Echo Lake FAS - Building - Latrine	3 mi NE of Bigfork, turn N off H	Bigfork	2006	77	$9,207.45
☐	1) Rose Creek Hatchery - Building - Garage	5 mi N of Bigfork	Bigfork	1999	460	$21,382.20
☐	1) Rose Creek Hatchery - Building - Hatchery	5 mi N of Bigfork	Bigfork	2011	2,400	$345,776.55
☐	1) Rose Creek Hatchery - Building - Shed	5 mi N of Bigfork	Bigfork	1999	420	$19,522.65
☐	1) Rose Creek Hatchery - Building - Shed	5 mi N of Bigfork	Bigfork	2012	120	$5,577.60
☐	1) Rose Creek Hatchery - Building - Shed	5 mi N of Bigfork	Bigfork	2011	96	$4,463.55
☐	1) Swan River FAS - Building - Latrine	3 mi E of Bigfork on Hwy 209, 1	Bigfork	2008	77	$7,716.45
☐	1) Wayfarers SP - Building - Administration	8600 Montana Hwy 35	Bigfork	2015	720	$235,639.95
☐	1) Wayfarers SP - Building - Comfort Station	8600 Montana Hwy 35	Bigfork	1998	600	$190,933.05

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☐	1) Wayfarers SP - Building - Comfort Station	8600 Montana Hwy 35	Bigfork	2002	1,000	$339,377.85
☐	1) Wayfarers SP - Building - Garage - Storage	8600 Montana Hwy 35	Bigfork	2009	640	$52,154.55
☐	1) Wayfarers SP - Building - Group Shelter	8600 Montana Hwy 35	Bigfork	2019	864	$8,342.25
☐	1) Wayfarers SP - Building - Latrine	8600 Montana Hwy 35	Bigfork	1999	77	$9,576.00
☐	1) Wayfarers SP - Building - Pay Station	8600 Montana Hwy 35	Bigfork	2004	42	$6,237.00
☐	1) Wayfarers SP - Building - Picnic Shelter	8600 Montana Hwy 35	Bigfork	1996	1,200	$149,257.50
☐	1) Woods Bay - Building - Latrine	14 mi S of Bigfork on Hwy 35 to	Bigfork	1999	77	$9,576.00
☐	1) Yellow Bay SP - Building - Latrine	23861 Montana Hwy 35	Bigfork	1990	160	$19,899.60
☐	1) Yellow Bay SP - Building - Modern Flush Toilet	23861 Montana Hwy 35	Bigfork	1966	360	$44,778.30
☐	1) Yellow Bay SP - Building - Picnic Shelter	23861 Montana Hwy 35	Bigfork	1990	176	$21,893.55
☐	1) Yellow Bay SP - Building - Storage Shed	23861 Montana Hwy 35	Bigfork	1968	432	$24,701.25
☐	1) Yellow Bay SP - Building - Wellhouse w/ elec	23861 Montana Hwy 35	Bigfork	1991	50	$7,536.90
☐	5) Absaroka FAS - Building - Latrine ADA	1 mi W of Absaroka 420, N @ J	Billings	2000	77	$9,576.00
☐	5) Big Horn FAS - Building - Latrine - ADA	5.7 mi S of St Xavier on Hwy 31	Billings	1999	77	$9,576.00
☐	5) Big Rock FAS - Building - Latrine	I-90 exit 420, 1.4 mi Old Bridge	Billings	1996	77	$9,576.00
☐	5) Billings Airport Hanger -	Logan Int'l Airport	Billings	1988	2,792	$204,996.75
☐	5) Duck Creek FAS - Building - Latrine ADA	I-90 Exit 443, S to Frontage Rd,	Billings	2004	77	$8,254.05
☐	5) Lake Elmo SP - Building - Comfort Station w/Showers	2300 Lake Elmo Dr	Billings	1995	575	$37,829.40
☐	5) Lake Elmo SP - Building - Comfort Stationw/Showers	2300 Lake Elmo Dr	Billings	1995	1,236	$81,373.95
☐	5) Lake Elmo SP - Building - Concession Building	2300 Lake Elmo Dr	Billings	1997	128	$15,919.05
☐	5) Lake Elmo SP - Building - Equipment Shed	2300 Lake Elmo Dr	Billings	2006	288	$15,037.05
☐	5) Lake Elmo SP - Building - Latrine ADA	2300 Lake Elmo Dr	Billings	2000	77	$9,576.00
☐	5) Lake Elmo SP - Building - Picnic Shelter	2300 Lake Elmo Dr	Billings	1998	1,200	$12,437.25
☐	5) Lake Elmo SP - Building - Picnic Shelter	2300 Lake Elmo Dr	Billings	1999	1,800	$223,886.25
☐	5) Manual Lisa FAS - Building - Latrine ADA	I-94 exit 49, N to Frontage Rd,	Billings	1992	77	$9,576.00
☐	5) Pictograph Cave SP - Building - Latrine ADA	3401 Coburn Rd	Billings	1993	77	$9,576.00
☐	5) Pictograph Cave SP - Building - Pump House	3401 Coburn Rd	Billings	2005	48	$2,230.20
☐	5) Pictograph Cave SP - Building - Shed	3401 Coburn Rd	Billings	2016	288	$11,777.85
☐	5) Pictograph Cave SP - Building - Shed	3401 Coburn Rd	Billings	2005	144	$15,293.25

☐	5) Pictograph Cave SP - Building - Visitor Center	3401 Coburn Rd	Billings	2009	2,753	$1,241,448.60
☐	5) Regional HQ - Building	2300 Lake Elmo Dr	Billings	1989	8,023	$1,712,385.15
☐	5) Regional HQ - Building - Garage & Shop & IT	2300 Lake Elmo Dr	Billings	1980	2,736	$167,274.45
☐	5) Regional HQ - Building - Open Stalled Storage	2300 Lake Elmo Dr	Billings	1989	7,000	$38,488.80
☐	5) Regional HQ - Building - Shed	2300 Lake Elmo Dr	Billings	2014	96	$4,463.55
☐	5) Regional HQ - Building - Shed	2300 Lake Elmo Dr	Billings	2005	96	$4,463.55
☐	5) Regional HQ - Building - Shed	2300 Lake Elmo Dr	Billings	2014	96	$4,463.55
☐	5) Yellowstone WMA - Building - Storage	28 mi E of Billings on I-94, Pom	Billings	2013	2,880	$141,933.75
☐	6) Cree Crossing WMA - Building - Shed	6173 Cree Crossing	Black Eagle	2020	1,296	$52,995.60
☐	2) Angevine FAS - Building - Latrine	5 mi E of Bonner on Hwy 200	Bonner	1996	77	$7,783.65
☐	2) Johnsrud Park FAS - Building - Latrine	10.3 mi E of Bonner Hwy 200,	Bonner	1999	77	$9,576.00
☐	2) Johnsrud Park FAS - Building - Latrine	10.3 mi E of Bonner Hwy 200,	Bonner	2011	77	$10,076.85
☐	2) Johnsrud Park FAS - Building - Picnic Shelter	10.3 mi E of Bonner Hwy 200,	Bonner	1985	176	$21,893.55
☐	2) River Junction FAS - Building - Latrine	38 mi E of Bonner on Hwy 200,	Bonner	2002	77	$7,783.65
☐	2) Weigh Station FAS - Building - Latrine	0.5 miles east of Bonner on Hw	Bonner	2013	77	$8,254.05
☐	3) Elkhorn SP - Building - Fraternity Hall	812 Elkhorn Rd	Boulder	1980	4,939	$907,177.95
☐	3) Elkhorn SP - Building - Gillian Hall	812 Elkhorn Rd	Boulder	1980	2,520	$398,112.75
☐	3) Black's Ford FAS - Building - Latrine	23 mi W of Bozeman on Hwy 8	Bozeman	2017	144	$14,391.30
☐	3) Black's Ford FAS - Building - Latrine	23 mi W of Bozeman on Hwy 8	Bozeman	2017	144	$14,391.30
☐	3) Cherry River FAS - Building - Latrine	1 mi N of Bozeman on Hwy 10	Bozeman	2001	77	$9,576.00
☐	3) East Gallatin SP - Building - Group Use Shelter	City of Bozeman - Manley Rd	Bozeman	1992	1,200	$149,257.50
☐	3) Regional HQ - Building	1400 S 19th Ave	Bozeman	1987	17,292	$1,766,206.05
☐	3) Regional HQ - Building - Lab/Shop	1400 S 19th Ave	Bozeman	1988	8,087	$966,273.00
☐	3) Regional HQ - Building - Shed	1400 S 19th Ave	Bozeman	1987	48	$2,203.95
☐	3) Regional HQ - Building - Shed	1400 S 19th Ave	Bozeman	1997	206	$9,465.75
☐	3) Regional HQ - Building - Shed	1400 S 19th Ave	Bozeman	2000	168	$7,718.55
☐	3) Regional HQ - Building - Shed	1400 S 19th Ave	Bozeman	2018	80	$3,546.90
☐	3) Regional HQ - Building - Shed	1400 S 19th Ave	Bozeman	1987	144	$6,616.05
☐	3) Regional HQ - Building - Shed	1400 S 19th Ave	Bozeman	2000	120	$5,514.60

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☐	3) Regional HQ - Building - Storage	1400 S 19th Ave	Bozeman	1988	6,192	$457,934.40
☐	5) Bluewater Springs Hatchery - Building	700 Bluewater Rd	Bridger	1957	144	$2,444.40
☐	5) Bluewater Springs Hatchery - Building - Garage	700 Bluewater Rd	Bridger	2008	750	$198,330.30
☐	5) Bluewater Springs Hatchery - Building - Garage Res#1	700 Bluewater Rd	Bridger	1949	952	$58,203.60
☐	5) Bluewater Springs Hatchery - Building - Garage w/#2	700 Bluewater Rd	Bridger	2008	720	$39,625.95
☐	5) Bluewater Springs Hatchery - Building - Main Building	700 Bluewater Rd	Bridger	2001	6,114	$1,866,499.95
☐	5) Bluewater Springs Hatchery - Building - Residence #1 - Storage	700 Bluewater Rd	Bridger	1949	224	$9,115.05
☐	5) Bluewater Springs Hatchery - Building - Resident No 3	700 Bluewater Rd	Bridger	1973	1,344	$182,449.05
☐	5) Bluewater Springs Hatchery - Building - Resident No. 1	700 Bluewater Rd	Bridger	1949	832	$112,945.35
☐	5) Bluewater Springs Hatchery - Building - Resident No. 2	700 Bluewater Rd	Bridger	1954	832	$112,945.35
☐	5) Bluewater Springs Hatchery - Building - Shed	700 Bluewater Rd	Bridger	2010	120	$5,577.60
☐	5) Bluewater Springs Hatchery - Building - Shop/Garage	700 Bluewater Rd	Bridger	1973	2,000	$122,276.70
☐	5) Bluewater Springs Hatchery - Building - Spring Cover	700 Bluewater Rd	Bridger	2002	16,650	$1,505,827.05
☐	5) Bluewater Springs Hatchery - Building - Weir Box Shelter	700 Bluewater Rd	Bridger	2006	144	$1,688.40
☐	5) Bluewater Springs Hatchery - Building - Well House Shed	700 Bluewater Rd	Bridger	2007	144	$1,688.40
☐	5) Bluewater Springs Hatchery - Settling Basin	700 Bluewater Rd	Bridger	2002	6,688	$1,106,220.15
☐	5) Bluewater Springs Hatchery - Upper Raceways	700 Bluewater Rd	Bridger	2002	6,979	$1,346,799.30
☐	5) Bluewater Springs Hatchery-Lower Raceways	700 Bluewater Rd	Bridger	2002	6,979	$1,269,852.15
☐	5) Clarks Fork of Yellowstone FAS - Building - Latrine	2 mi S of Bridger on Hwy 72	Bridger	2012	77	$8,254.05
☐	5) Broadview Ponds FAS - Building - Latrine	Off of Hwy 3 at the N end of Br	Broadview	2011	77	$8,254.05
☐	7) Rosebud Battlefield SP - Building - Bunkhouse	HC 42/ 25 mi E of Crow Agency	Busby	1978	280	$15,902.25
☐	7) Rosebud Battlefield SP - Building - Dwelling	HC 42/ 25 mi E of Crow Agency	Busby	1978	1,109	$75,273.45
☐	7) Rosebud Battlefield SP - Building - Four Stall Garage	HC 42/ 25 mi E of Crow Agency	Busby	1978	1,008	$61,627.65
☐	7) Rosebud Battlefield SP - Building - Latrine	HC 42/ 25 mi E of Crow Agency	Busby	1996	77	$8,254.05
☐	4) Blackleaf WMA - Building - Barn	15 mi W of Bynum	Bynum	1980	960	$44,221.80
☐	4) Blackleaf WMA - Building - Latrine	15 mi W of Bynum	Bynum	1993	77	$8,254.05
☐	4) Bynum Reservoir FAS - Building - Latrine	6 mi W of Bynum off Hwy 89	Bynum	1997	77	$9,576.00
☐	4) Bynum Reservoir FAS - Building - Latrine ADA	6 mi W of Bynum off Hwy 89	Bynum	1994	77	$9,576.00
☐	3) Cardwell FAS - Building - Latrine	1 mi S of Cardwell on 359	Cardwell	1996	77	$9,576.00

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☐	4) Carter Ferry FAS - Building - Latrine	4900 Carter Ferry Rd	Carter	1999	77	$9,576.00
☐	4) Dearborn FAS - Building - Latrine	3976 Marshall Ln	Cascade	1999	77	$9,576.00
☐	4) Little Muddy Creek FAS - Building - Latrine	835 Old US Hwy 91	Cascade	2010	77	$8,254.05
☐	4) Mid Canon FAS - Building - Latrine ADA	45 Golden Eagle Dr	Cascade	1994	77	$9,576.00
☐	4) Mountain Palace FAS - Building - Latrine ADA	2628 Old US Hwy 91	Cascade	1993	77	$9,576.00
☐	4) Pelican Point FAS - Building - Latrine ADA	2143 Old Hwy 91	Cascade	1994	77	$9,576.00
☐	4) Stickney FAS - Building - Latrine ADA	4082 Craig Frontage Rd	Cascade	1994	77	$9,576.00
☐	4) Stickney FAS - Building - Latrine ADA	4082 Craig Frontage Rd	Cascade	1994	77	$9,576.00
☐	4) Tower Rock SP - Building - Latrine	2325 Old US Hwy 91	Cascade	2007	77	$8,254.05
☐	1) Ninepipes WMA - Building - Kramer Residence	5791 Ninepipe Rd	Charlo	1958	1,248	$84,709.80
☐	1) Ninepipes WMA - Building - Kramer Two Stall Garage	5791 Ninepipe Rd	Charlo	1979	672	$41,083.35
☐	1) Ninepipes WMA - Building - Latrine	5791 Ninepipe Rd	Charlo	1993	77	$9,576.00
☐	1) Ninepipes WMA - Building - Metal Shed - Ringneck Ranch	5791 Ninepipe Rd	Charlo	1976	2,400	$137,242.35
☐	1) Ninepipes WMA - Building - Office/ Silos	5791 Ninepipe Rd	Charlo	1978	2,100	$120,092.70
☐	1) Ninepipes WMA - Building - Silo Grain Bin - Ringneck Ranch	5791 Ninepipe Rd	Charlo	1950	72	$12,471.90
☐	1) Ninepipes WMA - Building - Storage	5791 Ninepipe Rd	Charlo	2004	900	$51,464.70
☐	4) Arod Lake FAS - Building - Latrine	1 mi E of Choteau Hwy 221, 6	Choteau	1999	77	$9,576.00
☐	4) Choteau Field Office - Building - Shed	22 2nd St SE	Choteau	2020	160	$6,745.20
☐	4) Ear Mountain WMA - Building - Latrine	Hwy 287 1/2 mi S of Choteau,	Choteau	2010	77	$8,621.55
☐	4) Eureka Reservoir FAS - Building - Latrine ADA	4 mi N of Choteau Hwy89 @ p	Choteau	1995	77	$9,576.00
☐	4) Eureka Reservoir FAS - Building - Latrine ADA	4 mi N of Choteau Hwy89 @ p	Choteau	1994	77	$9,576.00
☐	4) Pishkun Reservoir FAS - Building - Latrine	.5 mi S of Choteau Hwy 287, 19	Choteau	1997	77	$9,576.00
☐	2) Beavertail Hill SP - Building - Camp Rsv Office	29895 Bonita Station Rd	Clinton	2011	240	$28,641.90
☐	2) Beavertail Hill SP - Building - Comfort Station	29895 Bonita Station Rd	Clinton	2000	224	$27,861.75
☐	2) Beavertail Hill SP - Building - Firewood	29895 Bonita Station Rd	Clinton	2001	140	$11,029.20
☐	2) Beavertail Hill SP - Building - Latrine	29895 Bonita Station Rd	Clinton	1995	77	$9,576.00
☐	2) Beavertail Hill SP - Building - Storage Shed	29895 Bonita Station Rd	Clinton	1984	80	$14,865.90
☐	2) Schwartz Creek FAS - Building - Latrine	Clinton exit 120, S on Frontage	Clinton	1999	77	$9,576.00
☐	1) Teakettle FAS - Building - Latrine	655 US-2	Columbia Falls	1999	77	$9,576.00

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☐	5) Holmgren Ranch FAS - Building - Latrine	Appox 5 mi W of Columbus on	Columbus	2012	77	$8,254.05
☐	5) Swinging Bridge FAS - Building - Latrine ADA	5.3 S of Columbus on Hwy 78	Columbus	1995	77	$9,576.00
☐	1) Paul's Memorial FAS - Building	5 mi NE of Coram on Belton St	Coram	2011	224	$47,423.25
☐	1) Paul's Memorial FAS - Building - Latrine	4 mi NE of Coram, W on Hwy 2	Coram	2011	77	$8,254.05
☐	2) Woodside Bridge FAS - Building - Latrine	Hwy 93 to Hwy 373 Woodside	Corvallis	2009	77	$8,621.55
☐	2) Darby Bridge, FAS - Building - Latrine	0.5 mi S of Darby, turn E on Wa	Darby	2015	77	$7,783.65
☐	2) Hannon Memorial FAS - Building - Latrine	20 mi S of Hamilton on Hwy 93	Darby	2004	77	$9,207.45
☐	2) Hannon Memorial FAS - Building - Latrine	20 mi S of Hamilton on Hwy 93	Darby	1999	77	$9,576.00
☐	2) Painted Rocks FAS - Building - Latrine	8809 W Fork Rd	Darby	1999	77	$9,576.00
☐	2) Painted Rocks FAS - Building - Latrine	8809 W Fork Rd	Darby	1999	77	$9,576.00
☐	2) Painted Rocks SP - Building - Picnic Shelter	8809 W Fork Rd	Darby	1962	176	$21,893.55
☐	2) Painted Rocks SP - Building - Picnic Shelter	8809 W Fork Rd	Darby	1962	120	$14,925.75
☐	2) Painted Rocks SP - Building - Pump House/Storage Shed	8809 W Fork Rd	Darby	1980	56	$8,436.75
☐	2) Wally Crawford FAS - Building - Latrine	S of Hamilton Hwy 93 @ Como	Darby	1999	77	$9,576.00
☐	1) Lake Mary Ronan SP - Building - Camp Rsv Office	50623 L.M.R. Rd / 7 mi W of Fl	Dayton	2011	120	$14,320.95
☐	1) Lake Mary Ronan SP - Building - Garage & Shop	50623 L.M.R. Rd / 7 mi W of Fl	Dayton	2011	320	$15,771.00
☐	1) Lake Mary Ronan SP - Building - Latrine	50623 L.M.R. Rd / 7 mi W of Fl	Dayton	2010	160	$17,924.55
☐	1) Lake Mary Ronan SP - Building - Latrine	50623 L.M.R. Rd / 7 mi W of Fl	Dayton	1999	160	$9,576.00
☐	1) Lake Mary Ronan SP - Building - Latrine	50623 L.M.R. Rd / 7 mi W of Fl	Dayton	2010	160	$17,924.55
☐	1) Lake Mary Ronan SP - Building - Latrine-ADA	50623 L.M.R. Rd / 7 mi W of Fl	Dayton	2000	77	$9,576.00
☐	1) Lake Mary Ronan SP - Building - Picnic Shelter	50623 L.M.R. Rd / 7 mi W of Fl	Dayton	2013	375	$401,974.65
☐	7) Tongue River Reservoir SP - Building - Attached Garage	290 Campers Pt Rd	Decker	2011	360	$17,888.85
☐	7) Tongue River Reservoir SP - Building - Concession	290 Campers Pt Rd	Decker	1999	1,500	$92,682.45
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Pt Rd	Decker	1999	77	$9,576.00
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Pt Rd	Decker	1999	77	$9,576.00
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Pt Rd	Decker	1999	77	$9,576.00
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Pt Rd	Decker	2005	77	$8,254.05
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Pt Rd	Decker	2005	77	$8,254.05
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Pt Rd	Decker	1999	77	$9,576.00

☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Pt Rd	Decker	2009	77	$8,621.55
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Pt Rd	Decker	2003	77	$8,254.05
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Pt Rd	Decker	1999	77	$9,576.00
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Pt Rd	Decker	1999	77	$9,576.00
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Pt Rd	Decker	2009	77	$8,621.55
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Pt Rd	Decker	1999	77	$9,576.00
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Pt Rd	Decker	1999	77	$9,576.00
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Pt Rd	Decker	2001	77	$7,783.65
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Pt Rd	Decker	1999	77	$8,254.05
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Pt Rd	Decker	1999	77	$9,576.00
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Pt Rd	Decker	1999	77	$9,576.00
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Pt Rd	Decker	1999	77	$8,254.05
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Pt Rd	Decker	2014	77	$19,233.90
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Pt Rd	Decker	1999	77	$9,576.00
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Pt Rd	Decker	1999	77	$9,576.00
☐	7) Tongue River Reservoir SP - Building - Latrine	290 Campers Pt Rd	Decker	1999	77	$9,576.00
☐	7) Tongue River Reservoir SP - Building - Picnic Shelter	290 Campers Pt Rd	Decker	1999	252	$31,345.65
☐	7) Tongue River Reservoir SP - Building - Picnic Shelter	290 Campers Pt Rd	Decker	1999	126	$1,333.50
☐	7) Tongue River Reservoir SP - Building - Picnic Shelter	290 Campers Pt Rd	Decker	1999	252	$31,345.65
☐	7) Tongue River Reservoir SP - Building - Picnic Shelter	290 Campers Pt Rd	Decker	1999	126	$1,333.50
☐	7) Tongue River Reservoir SP - Building - Picnic Shelter	290 Campers Pt Rd	Decker	1999	252	$31,345.65
☐	7) Tongue River Reservoir SP - Building - Picnic Shelter	290 Campers Pt Rd	Decker	1999	252	$31,345.65
☐	7) Tongue River Reservoir SP - Building - Picnic Shelter	290 Campers Pt Rd	Decker	1999	252	$31,345.65
☐	7) Tongue River Reservoir SP - Building - Picnic Shelter	290 Campers Pt Rd	Decker	1990	252	$31,345.65
☐	7) Tongue River Reservoir SP - Building - Picnic Shelter	290 Campers Pt Rd	Decker	1999	252	$31,345.65
☐	7) Tongue River Reservoir SP - Building - Picnic Shelter	290 Campers Pt Rd	Decker	1999	252	$31,345.65
☐	7) Tongue River Reservoir SP - Building - Picnic Shelter	290 Campers Pt Rd	Decker	1999	252	$31,345.65
☐	7) Tongue River Reservoir SP - Building - Prefabricated House	290 Campers Pt Rd	Decker	2003	1,160	$131,939.85
☐	7) Tongue River Reservoir SP - Building - Prefabricated House 2	290 Campers Pt Rd	Decker	2008	1,160	$24,035.55

☐	7) Tongue River Reservoir SP - Building - Pump House	290 Campers Pt Rd	Decker	2009	100	$13,560.75
☐	7) Tongue River Reservoir SP - Building - Residence -Three Bedroom Log H	290 Campers Pt Rd	Decker	1999	1,296	$135,751.35
☐	7) Tongue River Reservoir SP - Building - Residential	290 Campers Pt Rd	Decker	2010	1,144	$64,576.05
☐	7) Tongue River Reservoir SP - Building - Shed	290 Campers Pt Rd	Decker	2017	80	$3,546.90
☐	7) Tongue River Reservoir SP - Building - Shed	290 Campers Pt Rd	Decker	2012	288	$14,193.90
☐	7) Tongue River Reservoir SP - Building - Shed	290 Campers Pt Rd	Decker	2009	120	$1,268.40
☐	7) Tongue River Reservoir SP - Building - Shed	290 Campers Pt Rd	Decker	2005	80	$3,719.10
☐	7) Tongue River Reservoir SP - Building - Shop/Office	290 Campers Pt Rd	Decker	2009	2,400	$586,166.70
☐	7) Tongue River Reservoir SP - Building - Storage Unit	290 Campers Pt Rd	Decker	1999	240	$13,610.10
☐	7) Tongue River Reservoir SP - Building Pump House - Pee Wee Point	290 Campers Pt Rd	Decker	1999	64	$59,073.00
☐	7) Tongue River Reservoir SP - Fish Cleaning Station	290 Campers Pt Rd	Decker	2004	192	$17,582.25
☐	4) Beckman WMA - Building - Barn	E on Hwy 81, N Alton Rd, R on	Denton	1935	960	$16,745.40
☐	4) Beckman WMA - Building - Latrine	E on Hwy 81, N Alton Rd, R on	Denton	2009	77	$8,621.55
☐	4) Beckman WMA - Building - Latrine	E on Hwy 81, N Alton Rd, R on	Denton	2005	77	$8,621.55
☐	4) Beckman WMA - Building - Residence	E on Hwy 81, N Alton Rd, R on	Denton	2000	940	$63,805.35
☐	2) Racetrack Pond FAS - Building - Latrine	7.6 mi from Deerlodge	Dillon	2018	77	$7,424.55
☐	3) Bannack SP - Building - A11 Post Office/Jackson House	4200 Bannack Rd	Dillon	1880	944	$386,448.30
☐	3) Bannack SP - Building - A1-2 Office	4200 Bannack Rd	Dillon	1900	256	$105,396.90
☐	3) Bannack SP - Building - A1-3 Elliot House	4200 Bannack Rd	Dillon	1895	468	$132,890.10
☐	3) Bannack SP - Building - A13-1 Grave's House	4200 Bannack Rd	Dillon	1867	2,324	$662,919.60
☐	3) Bannack SP - Building - A13-3 Carriage House	4200 Bannack Rd	Dillon	1875	240	$30,548.70
☐	3) Bannack SP - Building - A13-8 Underwood House	4200 Bannack Rd	Dillon	1870	780	$329,931.00
☐	3) Bannack SP - Building - A1-4 French's Barn	4200 Bannack Rd	Dillon	1881	360	$51,935.10
☐	3) Bannack SP - Building - A16 - Methodist Church	4200 Bannack Rd	Dillon	1877	1,120	$372,698.55
☐	3) Bannack SP - Building - A17-1 Parsonage	4200 Bannack Rd	Dillon	1887	396	$168,018.90
☐	3) Bannack SP - Building - A17-2 House Structure	4200 Bannack Rd	Dillon	1890	990	$305,491.20
☐	3) Bannack SP - Building - A18 Bootlegger Cabin	4200 Bannack Rd	Dillon	1870	680	$268,833.60
☐	3) Bannack SP - Building - A18-2 Marmot Shack	4200 Bannack Rd	Dillon	1898	256	$177,185.40
☐	3) Bannack SP - Building - A19-1 McManus House	4200 Bannack Rd	Dillon	1890	780	$268,833.60

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☐	3) Bannack SP - Building - A19-2 McManus Barn	4200 Bannack Rd	Dillon	1890	434	$10,801.35
☐	3) Bannack SP - Building - A19-3 Kepler's Cabin	4200 Bannack Rd	Dillon	1880	300	$35,000.70
☐	3) Bannack SP - Building - A-21 Knoll House	4200 Bannack Rd	Dillon	1890	576	$256,613.70
☐	3) Bannack SP - Building - A22-1 - Renois House	4200 Bannack Rd	Dillon	1864	418	$116,086.95
☐	3) Bannack SP - Building - A23-2 Thompson Garage	4200 Bannack Rd	Dillon	1890	592	$84,011.55
☐	3) Bannack SP - Building - A25 Anderson House	4200 Bannack Rd	Dillon	1890	628	$171,075.45
☐	3) Bannack SP - Building - A3 - State House	4200 Bannack Rd	Dillon	1865	1,302	$320,769.75
☐	3) Bannack SP - Building - A4 Jackson House	4200 Bannack Rd	Dillon	1870	576	$224,539.35
☐	3) Bannack SP - Building - A5-1 Turner House	4200 Bannack Rd	Dillon	1881	1,300	$394,086.00
☐	3) Bannack SP - Building - A5-2 Marge Griffith House	4200 Bannack Rd	Dillon	1875	360	$10,900.05
☐	3) Bannack SP - Building - A5-3 Daisy Ashworth House	4200 Bannack Rd	Dillon	1880	360	$73,318.35
☐	3) Bannack SP - Building - A6 - Assay Office	4200 Bannack Rd	Dillon	1863	800	$226,063.95
☐	3) Bannack SP - Building - A7-1 Dr. Office	4200 Bannack Rd	Dillon	1863	920	$346,736.25
☐	3) Bannack SP - Building - A7-2 Horse Barn	4200 Bannack Rd	Dillon	1880	840	$59,571.75
☐	3) Bannack SP - Building - A8 - Mead Hotel	4200 Bannack Rd	Dillon	1875	6,464	$2,278,974.60
☐	3) Bannack SP - Building - A9 - Skinner's Saloon	4200 Bannack Rd	Dillon	1862	768	$212,315.25
☐	3) Bannack SP - Building - B10 Gibson House	4200 Bannack Rd	Dillon	1880	720	$248,977.05
☐	3) Bannack SP - Building - B1-1 Brewer's Cabin	4200 Bannack Rd	Dillon	1936	470	$193,988.55
☐	3) Bannack SP - Building - B11 Sod Roof Store	4200 Bannack Rd	Dillon	1880	950	$229,118.40
☐	3) Bannack SP - Building - B12 1st Jail	4200 Bannack Rd	Dillon	1863	330	$140,525.70
☐	3) Bannack SP - Building - B12-1 Crisman Store	4200 Bannack Rd	Dillon	1863	875	$294,800.10
☐	3) Bannack SP - Building - B12-3 2nd Jail	4200 Bannack Rd	Dillon	1865	144	$70,262.85
☐	3) Bannack SP - Building - B1-3 Gov Mansion	4200 Bannack Rd	Dillon	1900	288	$77,899.50
☐	3) Bannack SP - Building - B13-1 Casey House	4200 Bannack Rd	Dillon	1865	1,250	$430,745.70
☐	3) Bannack SP - Building - B13-3 Barn Structure	4200 Bannack Rd	Dillon	1865	1,040	$108,449.25
☐	3) Bannack SP - Building - B14 Apex Mining Office	4200 Bannack Rd	Dillon	1890	480	$226,063.95
☐	3) Bannack SP - Building - B15-1 Rettallack House	4200 Bannack Rd	Dillon	1870	624	$239,814.75
☐	3) Bannack SP - Building - B15-2 Cabin Structure	4200 Bannack Rd	Dillon	1870	225	$35,133.00
☐	3) Bannack SP - Building - B16-1 Griffith House	4200 Bannack Rd	Dillon	1905	964	$245,922.60

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☐	3) Bannack SP - Building - B16-2 Fire House	4200 Bannack Rd	Dillon	1900	360	$116,086.95
☐	3) Bannack SP - Building - B17 Bessette House	4200 Bannack Rd	Dillon	1864	1,500	$342,151.95
☐	3) Bannack SP - Building - B18-1 Decker House	4200 Bannack Rd	Dillon	1908	902	$242,866.05
☐	3) Bannack SP - Building - B2 Mathew's House	4200 Bannack Rd	Dillon	1880	1,008	$264,250.35
☐	3) Bannack SP - Building - B20 Apex Mill	4200 Bannack Rd	Dillon	1915	1,312	$1,137,961.65
☐	3) Bannack SP - Building - B3-1 Graeter House	4200 Bannack Rd	Dillon	1865	1,100	$343,681.80
☐	3) Bannack SP - Building - B3-2 Blacksmith Shop	4200 Bannack Rd	Dillon	1865	480	$61,098.45
☐	3) Bannack SP - Building - B4-1 Ryburn House	4200 Bannack Rd	Dillon	1890	792	$314,655.60
☐	3) Bannack SP - Building - B5-1 Carhart House	4200 Bannack Rd	Dillon	1862	1,075	$314,655.60
☐	3) Bannack SP - Building - B6 Masonic Lodge/School	4200 Bannack Rd	Dillon	1874	1,536	$476,568.75
☐	3) Bannack SP - Building - B7 Warnecke Cabin	4200 Bannack Rd	Dillon	1880	390	$135,946.65
☐	3) Bannack SP - Building - B8 House Structure	4200 Bannack Rd	Dillon	1880	828	$112,401.45
☐	3) Bannack SP - Building - B9 Montana Hotel	4200 Bannack Rd	Dillon	1864	1,584	$533,087.10
☐	3) Bannack SP - Building - Bachelor Row A 13-4	4200 Bannack Rd	Dillon	1862	144	$47,350.80
☐	3) Bannack SP - Building - Bachelor Row A 13-5	4200 Bannack Rd	Dillon	1862	196	$88,593.75
☐	3) Bannack SP - Building - Bachelor Row A 13-6	4200 Bannack Rd	Dillon	1862	256	$54,990.60
☐	3) Bannack SP - Building - Bachelor Row A 14-1	4200 Bannack Rd	Dillon	1865	169	$62,628.30
☐	3) Bannack SP - Building - Bachelors Row A13-7	4200 Bannack Rd	Dillon	1865	512	$123,002.25
☐	3) Bannack SP - Building - Group Use Shelter	4200 Bannack Rd	Dillon	2012	2,400	$286,430.55
☐	3) Bannack SP - Building - Gunninson Latrine ADA	4200 Bannack Rd	Dillon	2002	77	$9,576.00
☐	3) Bannack SP - Building - Gunnison CXT Latrine ADA	4200 Bannack Rd	Dillon	2007	77	$8,621.55
☐	3) Bannack SP - Building - Gunnison Latrine	4200 Bannack RD	Dillon	2004	77	$8,621.55
☐	3) Bannack SP - Building - Gunnison Latrine	4200 Bannack Rd	Dillon	2002	77	$8,621.55
☐	3) Bannack SP - Building - Latrine	4200 Bannack Rd	Dillon	1997	77	$9,576.00
☐	3) Bannack SP - Building - Latrine	4200 Bannack Rd	Dillon	2005	221	$22,344.00
☐	3) Bannack SP - Building - Latrine	4200 Bannack Rd	Dillon	2005	77	$9,576.00
☐	3) Bannack SP - Building - Manager's Residence	4200 Bannack Rd	Dillon	1905	760	$239,321.25
☐	3) Bannack SP - Building - Pole Barn	4200 Bannack Rd	Dillon	2017	768	$34,043.10
☐	3) Bannack SP - Building - Shed	4200 Bannack Rd	Dillon	2013	140	$11,489.10

☐	3) Bannack SP - Building - Shop & Maintenance	4200 Bannack Rd	Dillon	1997	1,503	$253,397.55
☐	3) Bannack SP - Building - Sudberry House A22-2	4200 Bannack Rd	Dillon	1890	450	$137,469.15
☐	3) Bannack SP - Building - Thompson House	4200 Bannack Rd	Dillon	1890	729	$218,204.70
☐	3) Bannack SP - Building - Visitor Center	4200 Bannack Rd	Dillon	1870	960	$299,384.40
☐	3) Blaktail Meadows FAS - Building - Latrine ADA	Dillon I-15 interchange to N of	Dillon	1994	77	$9,576.00
☐	3) Clarks Lookout SP - Building - Latrine	25 Clarks Lookout Rd	Dillon	2004	77	$14,096.25
☐	3) Dillon Field Office - Building - Leased - 5339	730 N Montana Ave	Dillon		230	$23,481.15
☐	3) Glen FAS - Building - Latrine	19 mi N of Dillon to Glen exit, 6	Dillon	1996	77	$9,576.00
☐	3) Gravelly-Blacktail WMA - Building - Cabin	S of Dillon on Rd 202	Dillon	1972	240	$30,542.40
☐	3) Gravelly-Blacktail WMA - Building - Cabin	S of Dillon on Rd 202	Dillon	1972	240	$25,339.65
☐	3) Gravelly-Blacktail WMA - Building - Latrine ADA	Dillon I-15 interchange to N of	Dillon	2000	77	$9,576.00
☐	3) Gravelly-Blacktail WMA - Building - Latrine ADA	Dillon I-15 interchange to N of	Dillon	2000	77	$9,576.00
☐	3) Gravelly-Blacktail WMA - Building - Quonset Hut	S of Dillon on Rd 202	Dillon	1972	1,250	$159,083.40
☐	3) Henneberry FAS - Building - Latrine ADA	14 mi S Dillon I-15, Recreation	Dillon	1999	77	$9,576.00
☐	3) Pipe Organ FAS - Building - Latrine	14 mi S of Dillon on I 15 to Daly	Dillon	2003	77	$8,254.05
☐	3) Poindexter Slough FAS - Building - Latrine	3 mi S of Dillon on MT 41	Dillon	1999	77	$9,576.00
☐	3) George Grant Memorial FAS - Building - Latrine	7 mi W of Divide on State Hwy	Divide	1997	77	$9,576.00
☐	3) Powerhouse FAS - Building - Latrine	2.5 mi W of Divide on State Hw	Divide	2010	77	$13,734.00
☐	7) Medicine Rocks SP - Building - Latrine	1141 MT-7	Ekalaka	1994	77	$9,576.00
☐	7) Medicine Rocks SP - Building - Latrine	1141 MT-7	Ekalaka	2002	77	$8,254.05
☐	7) Medicine Rocks SP - Building - Latrine	1141 MT-7	Ekalaka	2002	77	$8,254.05
☐	2) Spotted Dog WMA - Building - Modular Home	nearest town Elliston	Elliston	1974	2,000	$164,138.10
☐	3) Dailey Lake FAS - Building - Latrine ADA	1 mi E of Emigrant, 4 mi S on #	Emigrant	1994	77	$9,576.00
☐	3) Dailey Lake FAS - Building - Latrine ADA	1 mi E of Emigrant, 4 mi S on #	Emigrant	2002	77	$9,576.00
☐	3) Dailey Lake FAS - Building - Latrine ADA	1 mi E of Emigrant, 4 mi S on #	Emigrant	1994	77	$9,576.00
☐	3) Dailey Lake FAS - Building - Latrine ADA	1 mi E of Emigrant, 4 mi S on #	Emigrant	1999	77	$8,254.05
☐	3) Dailey Lake FAS - Building - Latrine ADA	1 mi E of Emigrant, 4 mi S on #	Emigrant	1999	77	$9,576.00
☐	3) Emigrant FAS - Building - Latrine ADA	22 mi S of Livingston Hwy 89 to	Emigrant	1999	77	$9,576.00
☐	3) Gallatin WMA - Building - Game Check Station	SW of Emigrant off Hwy 89	Emigrant	1988	132	$12,567.45

☐	3) Gallatin WMA - Building - Latrine ADA	SW of Emigrant off Hwy 89	Emigrant	1999	77	$9,576.00
☐	3) Gallatin WMA - Building - Log Bunkhouse	SW of Emigrant off Hwy 89	Emigrant	1951	391	$12,867.75
☐	3) Gallatin WMA - Building - Log Cabin & Shop	SW of Emigrant off Hwy 89	Emigrant	1961	391	$12,867.75
☐	3) Gallatin WMA - Building - Log House	SW of Emigrant off Hwy 89	Emigrant	1951	1,300	$88,235.70
☐	3) Gallatin WMA - Building - Quonset Storage	SW of Emigrant off Hwy 89	Emigrant	1955	1,664	$95,156.25
☐	3) Grey Owl FAS - Building - Latrine ADA	3 mi N of Emigrant on Hwy 89	Emigrant	1999	77	$9,576.00
☐	3) Burnt Tree Hole FAS - Building - Latrine	1 mi W of Ennis Hwy 287, 2 mi	Ennis	1996	77	$9,576.00
☐	3) Eight Mile Ford FAS - Building - Latrine ADA	1 mi W of Ennis Hwy 287, 4 mi	Ennis	1999	77	$9,576.00
☐	3) Ennis FAS - Building - Latrine	.5 mi SE on Hwy 287	Ennis	1999	77	$9,576.00
☐	3) Ennis FAS - Building - Latrine ADA	.5 mi SE on Hwy 287	Ennis	1999	77	$9,576.00
☐	3) Ennis FAS - Building - Latrine ADA	.5 mi SE on Hwy 287	Ennis	1999	77	$9,576.00
☐	3) McAtee Bridge FAS - Building - Latrine ADA	30 mi S of Ennis on Hwy 287, 1	Ennis	1989	77	$9,576.00
☐	3) Meadow Lake FAS - Building - Latrine ADA	6 mi N of Ennis on Hwy 287 to	Ennis	1999	77	$9,576.00
☐	3) Valley Garden FAS - Building - Latrine	Hwy 287, .25 mi S of Ennis, pos	Ennis	2004	77	$8,254.05
☐	3) Valley Garden FAS - Building - Latrine ADA	Hwy 287, .25 mi S of Ennis, pos	Ennis	1994	77	$9,576.00
☐	3) Varney Bridge FAS - Building - Latrine ADA	1 mi W of Ennis Hwy 287, 4 mi	Ennis	1991	77	$9,576.00
☐	3) Wall Creek WMA - Building - Barn	US Hwy 87 S of Ennis 31 mi to	Ennis	1961	2,688	$50,085.00
☐	3) Wall Creek WMA - Building - Check Station	US Hwy 87 S of Ennis 31 mi to	Ennis	1981	384	$39,400.20
☐	3) Wall Creek WMA - Building - Office /Dwelling	US Hwy 87 S of Ennis 31 mi to	Ennis	1963	1,344	$332,359.65
☐	3) Wall Creek WMA - Building - Storage	US Hwy 87 S of Ennis 31 mi to	Ennis	2003	2,160	$40,846.05
☐	1) Glen Lake FAS - Building - Latrine	6 mi S of Eureka Hwy 93, then	Eureka	1999	77	$9,576.00
☐	1) Murray Springs Hatchery - Building - Shed	5435 Sophie Lake Rd	Eureka	2021	288	$10,955.70
☐	1) Sophie Lake FAS - Building - Latrine	4 mi W of Eureka on Hwy 34, 4	Eureka	2000	77	$9,576.00
☐	1) Tetrault Lake FAS - Building - Latrine	4 mi NW of Eureks Hwy 37 to p	Eureka	2004	77	$9,207.45
☐	4) Freezout Lake WMA - Building	2830 US Hwy 89	Fairfield	1981	1,200	$5,577.60
☐	4) Freezout Lake WMA - Building - Barn	2830 US Hwy 89	Fairfield	1954	864	$16,098.60
☐	4) Freezout Lake WMA - Building - Boat Shed	2830 US Hwy 89	Fairfield	1954	160	$7,591.50
☐	4) Freezout Lake WMA - Building - Cold Storage	2830 US Hwy 89	Fairfield	2019	2,400	$101,688.30
☐	4) Freezout Lake WMA - Building - Garage	2830 US Hwy 89	Fairfield	1958	528	$32,281.20

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☐	4) Freezout Lake WMA - Building - Garage for Dwelling	2830 US Hwy 89	Fairfield	1966	384	$23,476.95
☐	4) Freezout Lake WMA - Building - Grain Tank	2830 US Hwy 89	Fairfield	1980	180	$5,068.35
☐	4) Freezout Lake WMA - Building - Latrine ADA	2830 US Hwy 89	Fairfield	1996	77	$8,254.05
☐	4) Freezout Lake WMA - Building - Latrine ADA	2830 US Hwy 89	Fairfield	1993	77	$9,576.00
☐	4) Freezout Lake WMA - Building - Latrine ADA	2830 US Hwy 89	Fairfield	1993	77	$9,576.00
☐	4) Freezout Lake WMA - Building - Latrine ADA	2830 US Hwy 89	Fairfield	1993	77	$9,576.00
☐	4) Freezout Lake WMA - Building - Office Shop & Garage	2830 US Hwy 89	Fairfield	1968	2,560	$156,513.00
☐	4) Freezout Lake WMA - Building - Shed	2830 US Hwy 89	Fairfield	1966	120	$5,693.10
☐	4) Freezout Lake WMA - Building - Shop	2830 US Hwy 89	Fairfield	1968	1,800	$110,048.40
☐	4) Freezout Lake WMA - Building - Storage Shed	2830 US Hwy 89	Fairfield	1954	288	$3,752.70
☐	5) Rosebud Isle FAS - Building - Latrine	Hwy 419 @ Fishtail, follow sign	Fishtail	1996	77	$9,576.00
☐	6) Snowden Bridge FAS - Building - Latrine ADA	12 mi N of Fairview, 25 mi N of	Flaxville	2007	77	$8,254.05
☐	6) Whitetail Reservoir FAS - Building - Latrine	7 mi N of Flaxville on Hwy 511	Flaxville	2015	77	$7,783.65
☐	2) Florence Bridge FAS - Building - Latrine	Florence, 1 mi E on MT Hwy 20	Florence	1999	77	$9,576.00
☐	7) Rosebud East Unit FAS - Building - Latrine	I-94 exit 95, NW in Forsyth, .5	Forsyth	1999	77	$9,576.00
☐	7) Rosebud East Unit FAS - Building - Shed	I-94 exit 95, NW in Forsyth, .5	Forsyth	2005	160	$6,745.20
☐	7) Rosebud West Unit FAS - Building - Latrine	I-94 Exit 93 N, 0.75 mi on Hwy	Forsyth	1996	77	$8,254.05
☐	4) Lake Francis FAS - Building - Fish Cleaning Station	Lake Francis FAS	Fort Peck	1985	384	$35,161.35
☐	6) Fort Peck Dredge Cuts FAS - Building - Picnic Shelter	5 mi NE of Ft Peck on Hwy 117	Fort Peck	1981	252	$31,345.65
☐	6) Fort Peck Hatchery - Building - Bin	277 MT-117	Fort Peck	2006	1,971	$22,247.40
☐	6) Fort Peck Hatchery - Building - Residence	7 W Kansas Ave	Fort Peck	1967	1,100	$119,894.25
☐	6) Fort Peck Reservoir - Building - Garage	COE Administration Bldg,East K	Fort Peck	1955	684	$39,116.70
☐	6) Fort Peck Reservoir - Building - Heated Shop	COE Administration Bldg,East K	Fort Peck	1997	1,200	$73,366.65
☐	6) Fort Peck Reservoir - Building - Latrine ADA	COE Administration Bldg,East K	Fort Peck	2004	77	$8,254.05
☐	6) Fort Peck Reservoir - Building - Net Storage Building	COE Administration Bldg,East K	Fort Peck	1978	240	$13,725.60
☐	6) Missouri River - Building - Shed	Winter Habor Rd	Fort Peck	2008	160	$7,438.20
☐	6) Missouri River - Building - Shed	Winter Habor Rd	Fort Peck	2008	160	$7,438.20
☐	6) Missouri River - Building - Shed	Winter Habor Rd	Fort Peck	2008	160	$7,438.20
☐	6) Rock Creek FAS - Building - Fish Cleaning Station	30 mi S of Fort Peck Hwy 24, 7	Fort Peck	2006	384	$35,159.25

☐	6) Rock Creek FAS - Building - Latrine	30 mi S of Fort Peck Hwy 24, 7	Fort Peck	2020	144	$12,807.90
☐	6) School Trust FAS - Building - Latrine	6 mi NW of Ft Peck town site o	Fort Peck	2003	77	$8,254.05
☐	4) Fort Shaw FAS - Building - Latrine	67 N Fort Shaw Rd	Fort Shaw	2007	77	$8,254.05
☐	2) Frenchtown Pond SP - Building - Comfort Station	18401 Frenchtown Frontage R	Frenchtown	1995	384	$47,762.40
☐	2) Frenchtown Pond SP - Building - Comfort Station	18401 Frenchtown Frontage R	Frenchtown	2000	580	$196,971.60
☐	2) Frenchtown Pond SP - Building - Comfort Station	18401 Frenchtown Frontage R	Frenchtown	2004	580	$225,583.05
☐	2) Frenchtown Pond SP - Building - Entrance Station	18401 Frenchtown Frontage R	Frenchtown	1995	80	$13,576.50
☐	2) Frenchtown Pond SP - Building - Group Shelter	18401 Frenchtown Frontage R	Frenchtown	2005	832	$65,730.00
☐	2) Frenchtown Pond SP - Building - Picnic Shelter - Covered	18401 Frenchtown Frontage R	Frenchtown	2007	144	$11,818.80
☐	2) Frenchtown Pond SP - Building - Picnic Shelter - Covered	18401 Frenchtown Frontage R	Frenchtown	2007	144	$11,818.80
☐	2) Frenchtown Pond SP - Building - Storage Shed	18401 Frenchtown Frontage R	Frenchtown	1984	260	$14,865.90
☐	6) Lost Rivers WMA - Building - Barn	27835 Rd 145 N	Gildford	1935	2,080	$34,737.15
☐	6) Milk River Ranch WMA - Grain Storage Hopper Bin	Milk River	Gildford	1994	113	$3,143.70
☐	6) Culbertson Bridge FAS - Building - Latrine ADA	3 mi SE of Culbertson on Hwy 1	Glasgow	1999	77	$9,576.00
☐	6) Duck Creek FAS - Building - Latrine ADA	2 mi NW of Fork Peck, access o	Glasgow	2001	77	$9,576.00
☐	6) Duck Creek FAS - Building - Latrine ADA	2 mi NW of Fork Peck, access o	Glasgow	2001	77	$9,576.00
☐	6) Fort Peck Dredge Cuts FAS - Building - Latrine ADA	5 mi NE of Ft Peck on Hwy 117	Glasgow	1993	77	$9,576.00
☐	6) Glasgow Base Pond FAS - Building - Latrine ADA	20 mi N of Glasgow on Hwy 24	Glasgow	2001	77	$9,576.00
☐	6) Regional HQ - Building	54078 US-2	Glasgow	1986	4,369	$733,492.20
☐	6) Regional HQ - Building - Shed	54078 US-2	Glasgow	2009	144	$6,829.20
☐	6) Regional HQ - Building - Shed	54078 US-2	Glasgow	2004	192	$9,107.70
☐	6) Regional HQ - Building - Shed	54078 US-2	Glasgow	2001	144	$6,829.20
☐	6) Regional HQ - Building - Storage - Old HQ	54078 US-2	Glasgow	1955	5,180	$586,948.95
☐	6) Regional HQ - Building - Storage - Three Stall	54078 US-2	Glasgow	2013	3,072	$332,248.35
☐	6) Regional HQ - Building - Storage Facility	Route 1 - 4210	Glasgow	2002	1,440	$40,677.00
☐	7) Glendive Shooting Range - Building - Shelter	3 mi W of Glendive	Glendive	2010	1,200	$102,865.35
☐	7) Glendive Shooting Range - Building - Shelter	3 mi W of Glendive	Glendive	2008	77	$10,546.20
☐	7) Intake Dam - Building - Mobile Home	Exit 213 off I-94 at Glendive, 16	Glendive	1994	1,000	$111,553.05
☐	7) Intake Dam FAS - Building - Latrine	Exit 213 off I-94 at Glendive, 16	Glendive	1999	77	$10,504.20

☐	7) Intake Dam FAS - Building - Latrine	Exit 213 off I-94 at Glendive, 16	Glendive	2001	77	$8,254.05
☐	7) Intake Dam FAS - Building - Latrine	Exit 213 off I-94 at Glendive, 16	Glendive	2001	77	$7,783.65
☐	7) Intake Dam FAS - Building - Latrine ADA	Exit 213 off I-94 at Glendive, 16	Glendive	1999	77	$19,899.60
☐	7) Intake Dam FAS - Building - Latrine ADA	Exit 213 off I-94 at Glendive, 16	Glendive	2000	77	$9,576.00
☐	7) Intake Dam FAS - Building - Picnic Shelter	Exit 213 off I-94 at Glendive, 16	Glendive	1985	117	$1,237.95
☐	7) Intake Dam FAS - Building - Picnic Shelter	Exit 213 off I-94 at Glendive, 16	Glendive	1985	117	$1,237.95
☐	7) Intake Dam FAS - Building - Picnic Shelter	Exit 213 off I-94 at Glendive, 16	Glendive	1985	117	$1,237.95
☐	7) Intake Dam FAS - Building - Pump House	Exit 213 off I-94 at Glendive, 16	Glendive	1985	64	$7,835.10
☐	7) Makoshika SP - Building - Dawson Residence	1301 Snyder Ave	Glendive	1978	954	$154,687.05
☐	7) Makoshika SP - Building - Group Use Shelter	1301 Snyder Ave	Glendive	2004	1,800	$223,886.25
☐	7) Makoshika SP - Building - Gunninson Latrine ADA	1301 Snyder Ave	Glendive	2000	77	$9,576.00
☐	7) Makoshika SP - Building - Gunninson Latrine ADA	1301 Snyder Ave	Glendive	2000	77	$9,576.00
☐	7) Makoshika SP - Building - Latrine	1301 Snyder Ave	Glendive	2004	77	$8,254.05
☐	7) Makoshika SP - Building - Latrine	1301 Snyder Ave	Glendive	2000	77	$9,576.00
☐	7) Makoshika SP - Building - Latrine	1301 Snyder Ave	Glendive	1999	77	$9,576.00
☐	7) Makoshika SP - Building - Latrine	1301 Snyder Ave	Glendive	1999	77	$9,576.00
☐	7) Makoshika SP - Building - Latrine	1301 Snyder Ave	Glendive	2000	77	$9,576.00
☐	7) Makoshika SP - Building - Latrine	1301 Snyder Ave	Glendive	2004	77	$8,254.05
☐	7) Makoshika SP - Building - Latrine ADA	1301 Snyder Ave	Glendive	1994	77	$9,576.00
☐	7) Makoshika SP - Building - Latrine ADA	1301 Snyder Ave	Glendive	1996	77	$9,576.00
☐	7) Makoshika SP - Building - Log Cabin	1301 Snyder Ave	Glendive	1930	320	$12,792.15
☐	7) Makoshika SP - Building - Pole Barn	1301 Snyder Ave	Glendive	2008	1,500	$26,164.95
☐	7) Makoshika SP - Building - Shed	1301 Snyder Ave	Glendive	2015	320	$14,872.20
☐	7) Makoshika SP - Building - Shop Building	1301 Snyder Ave	Glendive	1986	672	$38,428.95
☐	7) Makoshika SP - Building - Visitor Center	1301 Snyder Ave	Glendive	1994	6,520	$1,134,026.25
☐	7) Stipek FAS - Building - Latrine	I-94, Exit 213 N, off at Glendive	Glendive	2014	77	$7,783.65
☐	4) Big Bend FAS - Building - Latrine ADA	633 Wilson Butte Rd	Great Falls	2001	77	$9,576.00
☐	4) Giant Springs SP - Building - Comfort Station ADA	4803 Giant Springs Rd	Great Falls	1995	754	$190,118.25
☐	4) Giant Springs SP - Building - Fish Health Lab	4803 Giant Springs Rd	Great Falls	1939	720	$122,171.70

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☐	4) Giant Springs SP - Building - Latrine	4803 Giant Springs Rd	Great Falls	2002	100	$8,254.05
☐	4) Giant Springs SP - Building - Latrine	4803 Giant Springs Rd	Great Falls	1991	77	$7,783.65
☐	4) Giant Springs SP - Building - Picnic Shelter	4803 Giant Springs Rd	Great Falls	1991	252	$31,345.65
☐	4) Giant Springs SP - Building - Picnic Shelter	4803 Giant Springs Rd	Great Falls	1991	252	$31,345.65
☐	4) Giant Springs SP - Building - Picnic Shelter	4803 Giant Springs Rd	Great Falls	1991	252	$25,476.15
☐	4) Giant Springs SP - Building - Picnic shelter	4803 Giant Springs Rd	Great Falls	1991	252	$31,345.65
☐	4) Giant Springs SP - Building - Picnic Shelter	4803 Giant Springs Rd	Great Falls	1991	252	$31,345.65
☐	4) Giant Springs SP - Building - Picnic Shelter	4803 Giant Springs Rd	Great Falls	1991	252	$31,345.65
☐	4) Giant Springs SP - Building - Pump House	4803 Giant Springs Rd	Great Falls	2005	80	$9,797.55
☐	4) Giant Springs SP - Building - Ranger Station	4803 Giant Springs Rd	Great Falls	1971	408	$38,855.25
☐	4) Giant Springs SP - Building - Shed	4803 Giant Springs Rd	Great Falls	2016	288	$13,265.70
☐	4) Giant Springs SP - Building - Shed	4803 Giant Springs Rd	Great Falls	2016	288	$13,265.70
☐	4) Giant Springs Trout Hatchery - Building	4801 Giant Springs Rd	Great Falls	1984	6,164	$2,375,062.20
☐	4) Giant Springs Trout Hatchery - Building - Dwelling No. 3 w/ attached Ga	4813 Giant Springs Rd	Great Falls	1984	1,626	$81,687.90
☐	4) Giant Springs Trout Hatchery - Building - Fish Health Lab & Garage	4801 Giant Springs Rd	Great Falls	2006	1,568	$56,666.40
☐	4) Giant Springs Trout Hatchery - Building - Garage - New	4801 Giant Springs Rd	Great Falls	2003	1,152	$65,875.95
☐	4) Giant Springs Trout Hatchery - Building - Mini Barn	4801 Giant Springs Rd	Great Falls	2000	96	$4,463.55
☐	4) Giant Springs Trout Hatchery - Building - Mini Barn	4801 Giant Springs Rd	Great Falls	2000	80	$3,719.10
☐	4) Giant Springs Trout Hatchery - Building - New Shop	4801 Giant Springs Rd	Great Falls	1985	2,400	$146,735.40
☐	4) Giant Springs Trout Hatchery - Building - Pump House	4801 Giant Springs Rd	Great Falls	2005	978	$147,353.85
☐	4) Giant Springs Trout Hatchery - Building - Residence #1	4805 Giant Springs Rd	Great Falls	1972	1,152	$58,962.75
☐	4) Giant Springs Trout Hatchery - Building - Residence #2	4809 Giant Springs Rd	Great Falls	1997	1,350	$105,403.20
☐	4) Morony - Building - Apartments	30 Morony Loop	Great Falls	1929	7,626	$1,166,603.55
☐	4) Morony - Building -Garage	30 Morony Loop	Great Falls	1929	820	$40,411.35
☐	4) Regional HQ - Building	4600 Giant Springs Rd	Great Falls	2020	2,400	$245,030.10
☐	4) Regional HQ - Building	4600 Giant Springs Rd	Great Falls	1987	8,858	$1,622,804.40
☐	4) Regional HQ - Building - Four Stall Garage	4600 Giant Springs Rd	Great Falls	1939	800	$45,750.60
☐	4) Regional HQ - Building - Shed	4600 Giant Springs Rd	Great Falls	2016	192	$8,844.15
☐	4) Regional HQ - Building - Shop 5 Bay	4600 Giant Springs Rd	Great Falls	1986	6,700	$393,872.85

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☐	4) Regional HQ - Building - Storage - Unheated - Six Stall	4600 Giant Springs Rd	Great Falls	2004	3,224	$235,320.75
☐	4) Tiber Reservoir FAS - Fish Cleaning Station	Tiber Reservoir	Great Falls	1999	400	$122,195.85
☐	4) White Bear FAS - Building - Latrine	163 Hawk Dr	Great Falls	2008	77	$8,254.05
☐	5) Arapooish FAS - Building - Latrine ADA	.5 mi N of Hardin on Hwy 47, 2	Hardin	1988	77	$9,576.00
☐	5) General Custer FAS - Building - Latrine	12.5 N of Hardin on Hwy 47	Hardin	2006	77	$9,207.45
☐	5) Grant Marsh FAS - Building - Latrine	3.7 mi N of Hardin on Hwy 47,	Hardin	2008	77	$8,254.05
☐	5) Two Leggins FAS - Building - Latrine	6.5 mi S of Hardin on Hwy 313	Hardin	2008	77	$8,254.05
☐	5) Harlowton FAS - Building - Latrine	1/2 mi S of Harlowton via State	Harlowton	2008	77	$8,254.05
☐	5) Selkirk FAS - Building - Latrine ADA	19 mi W of Harlowton on Hwy	Harlowton	2000	77	$9,576.00
☐	3) Harrison Lake FAS - Building - Latrine	4 mi E Harrison on County Rd	Harrison	1996	77	$9,576.00
☐	3) Harrison Lake FAS - Building - Latrine	4 mi E Harrison on County Rd	Harrison	1996	77	$9,576.00
☐	3) Harrison Lake FAS - Building - Latrine ADA	4 mi E Harrison on County Rd	Harrison	1996	77	$9,576.00
☐	3) Harrison Lake FAS - Building - Latrine ADA	4 mi E Harrison on County Rd	Harrison	1999	77	$9,576.00
☐	6) Bailey Reservoir FAS - Building - Latrine	17 miles west of Havre on Hwy	Havre	2013	77	$8,254.05
☐	6) Bailey Reservoir FAS - Building - Picnic Shelter	17 mi W of Havre on Hwy 2	Havre	2017	280	$2,932.65
☐	6) Bailey Reservoir FAS - Building - Picnic Shelter	17 mi W of Havre on Hwy 2	Havre	2013	144	$11,818.80
☐	6) Bear Paw Lake FAS - Building - Latrine ADA	16 mi S of Havre on Hwy 234	Havre	1999	77	$9,576.00
☐	6) Bear Paw Lake FAS - Building - Latrine ADA	16 mi S of Havre on Hwy 234	Havre	2001	77	$9,576.00
☐	6) Bear Paw Lake FAS - Building - Latrine ADA	16 mi S of Havre Hwy on 234	Havre	1994	77	$9,576.00
☐	6) Bear Paw Lake FAS - Building - Latrine ADA	16 mi S of Havre on Hwy 234	Havre	2005	77	$8,621.55
☐	6) Bear Paw Lake FAS - Building - Latrine ADA	16 mi S of Havre on Hwy 234	Havre	1999	77	$9,576.00
☐	6) Bear Paw Lake FAS - Building - Shelter House	16 miles south of Havre on Hw	Havre	1979	1,081	$118,178.55
☐	6) Faber Reservoir FAS - Building - Latrine	20 mi S of Chinook on Hwy 240	Havre	2015	77	$7,783.65
☐	6) Havre Area Resource Office - Building - Shed	2165 US-2 E	Havre	2006	144	$6,693.75
☐	6) Havre Area Resource Office - Building - Shed	2165 US-2 E	Havre	2006	144	$6,693.75
☐	6) Havre Area Resource Office - Building - Shed	2165 US-2 E	Havre	2006	144	$6,693.75
☐	6) Rookery WMA - Building - Metal Equipment Storage	N on Wildhorse Rd .5 mi, left o	Havre	1976	1,800	$30,542.40
☐	3) Helena Area Resource Office - Building	930 W Custer Ave	Helena	1974	2,010	$295,796.55
☐	3) Helena Area Resource Office - Building - Cooler	930 W Custer Ave	Helena	1993	909	$77,219.10

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☐	3) Helena Area Resource Office - Building - Enforcement Shed	930 W Custer Ave	Helena	2003	320	$21,399.00
☐	4) Black Sandy SP - Building	6563 Hauser Dam Rd	Helena	2012	384	$92,503.95
☐	4) Black Sandy SP - Building - Camp Rsv Office	6563 Hauser Dam Rd	Helena	2011	96	$11,457.60
☐	4) Black Sandy SP - Building - Comfort station	6563 Hauser Dam Rd	Helena	1994	560	$119,661.15
☐	4) Black Sandy SP - Building - Latrine	6563 Hauser Dam Rd	Helena	1997	77	$9,576.00
☐	4) Black Sandy SP - Building - Latrine ADA	6563 Hauser Dam Rd	Helena	1995	77	$9,576.00
☐	4) Black Sandy SP - Building - Latrine ADA	6563 Hauser Dam Rd	Helena	1994	77	$9,576.00
☐	4) Black Sandy SP - Building - Latrine ADA	6563 Hauser Dam Rd	Helena	1995	77	$9,576.00
☐	4) Causeway FAS - Building - Latrine ADA	5477 Lake Helena Dr	Helena	1994	77	$9,576.00
☐	4) Causeway FAS - Building - Picnic Shelter	5477 Lake Helena Dr	Helena	2018	64	$614.25
☐	4) Causeway FAS - Building - Picnic Shelter	5477 Lake Helena Dr	Helena	2018	64	$2,459.10
☐	4) Causeway FAS - Building - Picnic Shelter	5477 Lake Helena Dr	Helena	2018	256	$2,459.10
☐	4) Helena Area Resource Office - Building - Shed	930 W Custer Ave	Helena	2020	320	$13,085.10
☐	4) Helena Area Resource Office - Building - Shed	930 W Custer Ave	Helena	2012	128	$6,308.40
☐	4) Helena Area Resource Office - Building - Storage	930 W Custer Ave	Helena	1974	140	$16,709.70
☐	4) Helena Area Resource Office - Building - Storage/Shop	930 W Custer Ave	Helena	1969	1,782	$23,331.00
☐	4) Helena Regulating Reservoir FAS - Building - Latrine ADA	8 mi NE of Helena on York Rd,	Helena	1999	77	$9,576.00
☐	4) Helena Regulating Reservoir FAS - Building - Latrine ADA	8 mi NE of Helena on York Rd,	Helena	2000	96	$11,940.60
☐	4) Helena Regulating Reservoir FAS - Building - Latrine ADA	8 mi NE of Helena on York Rd,	Helena	2005	77	$8,254.05
☐	4) Helena Regulating Reservoir FAS - Building - Picnic Shelter	8 mi NE of Helena on York Rd,	Helena	2017	484	$5,068.35
☐	4) Helena Regulating Reservoir FAS - Building - Picnic Shelter	8 mi NE of Helena on York Rd,	Helena	2017	484	$5,068.35
☐	4) Regional HQ - Fisheries - Building - Shed	930 W Custer Ave	Helena	2019	68	$657.30
☐	4) Spring Meadow Lake SP - Building - Comfort Station	2715 Country Club Dr	Helena	2014	936	$279,591.90
☐	4) Spring Meadow Lake SP - Building - Concession	2715 Country Club Dr	Helena	1990	80	$7,620.90
☐	4) Spring Meadow Lake SP - Building - Group Use Shelter	2715 Country Club Dr	Helena	2007	1,200	$252,861.00
☐	4) Spring Meadow Lake SP - Building - Latrine	2715 Country Club Dr	Helena	2007	98	$11,719.05
☐	4) Spring Meadow Lake SP - Building - Latrine	2715 Country Club Dr	Helena	2007	98	$11,719.05
☐	4) Spring Meadow Lake SP - Building - Picnic Shelter	2715 Country Club Dr	Helena	2008	168	$14,401.80
☐	4) Spring Meadow Lake SP - Building - Picnic Shelter	2715 Country Club Dr	Helena	2008	168	$14,401.80

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☐	4) Spring Meadow Lake SP - Building - Picnic Shelter	2715 Country Club Dr	Helena	2008	168	$14,401.80
☐	4) Spring Meadow Lake SP - Building - Picnic Shelter	2715 Country Club Dr	Helena	2008	168	$14,401.80
☐	4) Upper Prickly Pear FAS - Building - Latrine	7 mi E of Helena, 4 mi to York r	Helena	2015	77	$7,783.65
☐	4) Upper Prickly Pear FAS - Building - Stone Milk House	7 mi E of Helena, 4 mi to York r	Helena	1915	384	$3,707.55
☐	4) York Bridge FAS - Building - Latrine	6291 York Rd	Helena	2004	77	$8,254.05
☐	4) York Bridge FAS - Building - Latrine ADA	6291 York Rd	Helena	1992	77	$9,576.00
☐	8) MT Wildlife Center - Building - Animal Rehab w/cvrd pens	2668 Broadwater Ave	Helena	2003	1,536	$572,883.15
☐	8) MT Wildlife Center - Building - Bear Encloser	2668 Broadwater Ave	Helena	2002	208	$26,470.50
☐	8) MT Wildlife Center - Building - Canine Encloser	2668 Broadwater Ave	Helena	2002	208	$26,470.50
☐	8) MT Wildlife Center - Building - Cat Encloser	2668 Broadwater Ave	Helena	2002	208	$26,470.50
☐	8) MT Wildlife Center - Building - Ed Center	2668 Broadwater Ave	Helena	1890	7,400	$2,655,621.15
☐	8) MT Wildlife Center - Building - Hexagonal Gazebo	2668 Broadwater Ave	Helena	2018	382	$2,471.70
☐	8) MT Wildlife Center - Building - Latrine	2668 Broadwater Ave	Helena	2011	450	$53,707.50
☐	8) MT Wildlife Center - Building - Mew	2668 Broadwater Ave	Helena	2012	128	$10,504.20
☐	8) MT Wildlife Center - Building - Mew	2668 Broadwater Ave	Helena	2012	192	$15,757.35
☐	8) MT Wildlife Center - Building - Mew	2668 Broadwater Ave	Helena	2012	192	$15,757.35
☐	8) MT Wildlife Center - Building - Shed	2668 Broadwater Ave	Helena	2009	54	$2,781.45
☐	8) MT Wildlife Center - Building - Shed	2668 Broadwater Ave	Helena	2009	54	$2,781.45
☐	8) MT Wildlife Center - Building - Shed	2668 Broadwater Ave	Helena	2009	54	$2,781.45
☐	8) MT Wildlife Center - Building - Youth Archery Range Shelter	2668 Broadwater Ave	Helena	2015	1,152	$31,925.25
☐	8) MT Wildlife Center - Building - Youth Archery Range Shelter	2668 Broadwater Ave	Helena	2011	576	$47,269.95
☐	8) MT Wildlife Center- Building - Mew	2668 Broadwater Ave	Helena	2012	128	$10,504.20
☐	9) D&C - Building - Shed	930 W Custer Ave	Helena	2014	128	$5,949.30
☐	9) Hangar No. 5 - Airport - Building	2740 Airport Rd	Helena	1981	2,000	$152,717.25
☐	9) Hangar No. 5 - Airport - Building - Shed	2740 Airport Rd	Helena	2016	80	$3,685.50
☐	9) Hangar No. 6 - Airport - Building	2740 Airport Rd	Helena	1987	3,600	$274,896.30
☐	9) Helena Centralized Support Services - Building - Magazine Print Shop/M	930 W Custer Ave	Helena	1956	2,964	$410,459.70
☐	9) Helena Centralized Support Services - Building - Shed	930 W Custer Ave	Helena	2016	128	$5,894.70
☐	9) Helena Centralized Support Services - Building - Storage Shed	930 W Custer Ave	Helena	2010	128	$10,972.50

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☐	9) Helena Centralized Support Services - Building - Storage/Log	930 W Custer Ave	Helena	1981	255	$14,581.35
☐	9) Helena Centralized Support Services - Building - Storage/Stone	930 W Custer Ave	Helena	1900	420	$24,019.80
☐	9) Helena Centralized Support Services - Building - Warehouse & Auto Sho	930 W Custer Ave	Helena	1952	4,800	$293,464.50
☐	9) Helena Centralized Support Services - Building - Warehouse/Metal	930 W Custer Ave	Helena	1960	6,000	$101,812.20
☐	9) Helena Centralized Support Services - Building Wood Shop Shed (new)	930 W Custer Ave	Helena	2003	192	$10,979.85
☐	9) Helena Centralized Support Services -Building - Wood Shop/Storage	930 W Custer Ave	Helena	1952	3,150	$299,971.35
☐	9) Portable Office/Storage w/Solar Panels - Building	930 W Custer Ave	Helena	2017	312	$33,490.80
☐	9) Portable Office/Storage w/Solar Panels - Building	930 W Custer Ave	Helena	2017	312	$33,490.80
☐	9) Portable Office/Storage w/Solar Panels - Building	930 W Custer Ave	Helena	2017	312	$33,490.80
☐	9) Portable Office/Storage w/Solar Panels - Building	930 W Custer Ave	Helena	2017	312	$33,490.80
☐	9) Portable Office/Storage w/Solar Panels - Building	930 W Custer Ave	Helena	2017	312	$33,490.80
☐	9) Portable Office/Storage w/Solar Panels - Building	930 W Custer Ave	Helena	2017	312	$33,490.80
☐	9) Portable Office/Storage w/Solar Panels - Building	930 W Custer Ave	Helena	2017	312	$33,490.80
☐	9) Portable Office/Storage w/Solar Panels - Building	930 W Custer Ave	Helena	2017	312	$33,490.80
☐	9) Portable Office/Storage w/Solar Panels - Building	930 W Custer Ave	Helena	2017	312	$33,490.80
☐	9) Portable Office/Storage w/Solar Panels - Building	930 W Custer Ave	Helena	2017	312	$33,490.80
☐	9) Portable Office/Storage w/Solar Panels - Building	930 W Custer Ave	Helena	2017	312	$33,490.80
☐	9) Portable Office/Storage w/Solar Panels - Building	930 W Custer Ave	Helena	2017	312	$33,490.80
☐	9) Portable Office/Storage w/Solar Panels - Building	930 W Custer Ave	Helena	2017	312	$33,490.80
☐	9) Portable Office/Storage w/Solar Panels - Building	930 W Custer Ave	Helena	2017	312	$33,490.80
☐	9) Portable Office/Storage w/Solar Panels - Building	930 W Custer Ave	Helena	2017	312	$33,490.80
☐	9) Portable Office/Storage w/Solar Panels - Building	930 W Custer Ave	Helena	2017	312	$33,490.80
☐	9) Portable Office/Storage w/Solar Panels - Building	930 W Custer Ave	Helena	2017	312	$33,490.80
☐	9) Regional HQ - Building - Shed	930 W Custer Ave	Helena	2019	380	$16,100.70
☐	9) Regional HQ - Building - Shed	930 W Custer Ave	Helena	2015	192	$8,921.85
☐	9) Regional HQ - Fisheries - Building - Shed	930 W Custer Ave	Helena	2017	200	$8,865.15
☐	9) Regional HQ - Fisheries - Building - Shed	930 W Custer Ave	Helena	2015	192	$8,921.85
☐	9) Regional HQ - Parks - Building - Shed	930 W Custer Ave	Helena	2017	160	$7,350.00

☐	9)Regional HQ - Fisheries - Building - Shed	930 W Custer Ave	Helena	2013	160	$7,883.40
☐	4) Ackley Lake FAS - Building - Latrine ADA	989 Ackley Lake Rd	Hobson	1999	77	$9,576.00
☐	4) Ackley Lake FAS - Building - Latrine ADA	989 Ackley Lake Rd	Hobson	1991	77	$9,576.00
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	Hobson	1991	252	$31,345.65
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	Hobson	1991	252	$31,345.65
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	Hobson	1991	252	$31,345.65
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	Hobson	1991	252	$31,345.65
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	Hobson	1991	252	$31,345.65
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	Hobson	1991	252	$31,345.65
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	Hobson	1991	252	$31,345.65
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	Hobson	1991	252	$31,345.65
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	Hobson	1991	252	$31,345.65
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	Hobson	1991	252	$8,484.00
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	Hobson	1991	252	$31,345.65
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	Hobson	1991	252	$31,345.65
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	Hobson	1991	252	$31,345.65
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	Hobson	1991	252	$31,345.65
☐	4) Ackley Lake FAS - Building - Picnic Shelter	989 Ackley Lake Rd	Hobson	1991	252	$621,905.55
☐	7) Amelia Island FAS - Building - Latrine	1.5 mi N of Hysham on Pumph	Hysham	2015	77	$7,783.65
☐	7) Hell Creek SP - Building - Comfort Station w/Shower	2456 Hell Creek Rd	Jordan	2002	1,120	$168,520.80
☐	7) Hell Creek SP - Building - Fish Cleaning	2456 Hell Creek Rd	Jordan	1998	400	$38,094.00
☐	7) Hell Creek SP - Building - Latrine	2456 Hell Creek Rd	Jordan	1999	77	$9,576.00
☐	7) Hell Creek SP - Building - Latrine	2456 Hell Creek Rd	Jordan	1999	77	$9,576.00
☐	7) Hell Creek SP - Building - Latrine	2456 Hell Creek Rd	Jordan	1999	77	$9,576.00
☐	7) Hell Creek SP - Building - Latrine	2456 Hell Creek Rd	Jordan	2002	77	$8,254.05
☐	7) Hell Creek SP - Building - Latrine	2456 Hell Creek Rd	Jordan	2002	77	$8,254.05
☐	7) Hell Creek SP - Building - Latrine	2456 Hell Creek Rd	Jordan	2003	77	$8,254.05
☐	7) Hell Creek SP - Building - Latrine	2456 Hell Creek Rd	Jordan	2002	77	$8,254.05
☐	7) Hell Creek SP - Building - Latrine	2456 Hell Creek Rd	Jordan	2008	77	$8,621.55

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☐	7) Hell Creek SP - Building - Modular Office	2456 Hell Creek Rd	Jordan	2008	432	$53,851.35
☐	7) Hell Creek SP - Building - Picnic Shelter #1	2456 Hell Creek Rd	Jordan	2008	144	$11,818.80
☐	7) Hell Creek SP - Building - Picnic Shelter #1	2456 Hell Creek Rd	Jordan	2004	144	$11,818.80
☐	7) Hell Creek SP - Building - Picnic Shelter #10	2456 Hell Creek Rd	Jordan	2008	144	$11,818.80
☐	7) Hell Creek SP - Building - Picnic Shelter #2	2456 Hell Creek Rd	Jordan	2004	144	$11,818.80
☐	7) Hell Creek SP - Building - Picnic Shelter #3	2456 Hell Creek Rd	Jordan	2008	144	$11,818.80
☐	7) Hell Creek SP - Building - Picnic Shelter #3	2456 Hell Creek Rd	Jordan	2004	144	$11,818.80
☐	7) Hell Creek SP - Building - Picnic Shelter #5	2456 Hell Creek Rd	Jordan	2008	144	$11,818.80
☐	7) Hell Creek SP - Building - Picnic Shelter #6	2456 Hell Creek Rd	Jordan	2008	144	$11,818.80
☐	7) Hell Creek SP - Building - Picnic Shelter #9	2456 Hell Creek Rd	Jordan	2008	144	$11,818.80
☐	7) Hell Creek SP - Building - Pole Barn Shop	2456 Hell Creek Rd	Jordan	2007	1,200	$75,735.45
☐	7) Hell Creek SP - Building - Prefabricated House	2456 Hell Creek Rd	Jordan	2003	1,160	$131,939.85
☐	7) Hell Creek SP - Building - Prefabricated House	2456 Hell Creek Rd	Jordan	2003	1,160	$131,939.85
☐	7) Hell Creek SP - Building - Pump House	2456 Hell Creek Rd	Jordan	1998	36	$4,407.90
☐	7) Hell Creek SP - Building - Shed	2456 Hell Creek Rd	Jordan	1998	80	$3,719.10
☐	7) Hell Creek SP - Building - Shed	2456 Hell Creek Rd	Jordan	1998	96	$4,463.55
☐	7) Hell Creek SP - Building - Shed	2456 Hell Creek Rd	Jordan	2013	288	$14,193.90
☐	7) Hell Creek SP - Fish Cleaning Station	2456 Hell Creek Rd	Jordan	2013	400	$3,862.95
☐	1) Elmo FAS - Building - Latrine	On Hwy 93 approx 26 mi S of K	Kalispell	2008	77	$8,621.55
☐	1) Foys Bend FCA - Building - Mobile Home	2200 Steel Bridge Rd	Kalispell	1990	1,311	$38,867.85
☐	1) Foys Bend FCA - Building - Shed	2200 Steel Bridge Rd	Kalispell	2009	672	$60,006.45
☐	1) Foys Bend FCA - Building - Shed	2200 Steel Bridge Rd	Kalispell	2009	6,000	$60,006.45
☐	1) Foys Bend FCA - Building - Shed	2200 Steel Bridge Rd	Kalispell	1980	600	$57,448.65
☐	1) Foys Bend FCA - Building - Shop	2200 Steel Bridge Rd	Kalispell	2009	2,048	$60,006.45
☐	1) Island Lake FAS - Building - Latrine	approx 32 mi W on Hwy 2 tow	Kalispell	2014	77	$7,783.65
☐	1) Kokanee Bend FAS - Building - Latrine	14 mi N of Kalispell on Hwy 20	Kalispell	2008	77	$7,716.45
☐	1) Lone Pine SP - Building - Garage/Storage	300 Lone Pine Rd	Kalispell	2010	256	$6,307.35
☐	1) Lone Pine SP - Building - Latrine	300 Lone Pine Rd	Kalispell	2010	77	$8,621.55
☐	1) Lone Pine SP - Building - Latrine - Aspen Double Vault	300 Lone Pine Rd	Kalispell	2013	144	$52,344.60

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☐	1) Lone Pine SP - Building - Picnic Shelter	300 Lone Pine Rd	Kalispell	2002	408	$50,745.45
☐	1) Lone Pine SP - Building - Visitor Center	300 Lone Pine Rd	Kalispell	1982	3,463	$822,626.70
☐	1) McWenneger Slough FAS - Building - Latrine	4 mi E of Kalispell on Hwy 35,	Kalispell	2009	77	$8,621.55
☐	1) Old Steel Bridge FAS - Building - Latrine	Located on Flathead River - Hw	Kalispell	2008	77	$8,254.05
☐	1) Old Steel Bridge FAS - Building - Latrine	Located on Flathead River - Hw	Kalispell	2008	77	$14,780.85
☐	1) Pressentine FAS - Building - Latrine	7 mi NE of Kalispell on Hwy 20	Kalispell	2008	77	$8,254.05
☐	1) Regional HQ - Building	490 N Meridian Rd	Kalispell	1990	16,545	$3,438,359.40
☐	1) Regional HQ - Building - Maintenance Garage	490 N Meridian Rd	Kalispell	1974	2,000	$122,276.70
☐	1) Regional HQ - Building - Shed	490 N Meridian Rd	Kalispell	2004	144	$6,693.75
☐	1) Regional HQ - Building - Shed	490 N Meridian Rd	Kalispell	2015	128	$5,894.70
☐	1) Regional HQ - Building - Storage- Open Face	490 N Meridian Rd	Kalispell	1984	2,400	$196,964.25
☐	1) Regional HQ - Building - Storage Shed	490 N Meridian Rd	Kalispell	2004	96	$4,463.55
☐	1) Regional HQ - Building - Storage Shed	490 N Meridian Rd	Kalispell	2004	96	$4,463.55
☐	1) Regional HQ - Building - Storage Shed	490 N Meridian Rd	Kalispell	2004	112	$5,206.95
☐	1) Regional HQ - Building - Storage Shed	490 N Meridian Rd	Kalispell	1979	1,200	$68,621.70
☐	1) Regional HQ - Building - Storage Shed	490 N Meridian Rd	Kalispell	2018	120	$5,319.30
☐	1) Regional HQ - Building - Storage Shed	490 N Meridian Rd	Kalispell	2004	128	$5,949.30
☐	1) Regional HQ - Building - Storage Shed	490 N Meridian Rd	Kalispell	2004	128	$5,949.30
☐	1) Regional HQ - Building - Storage Shed	490 N Meridian Rd	Kalispell	2004	160	$7,438.20
☐	1) Regional HQ - Building - Storage Shed	490 N Meridian Rd	Kalispell	2004	192	$8,921.85
☐	1) Regional HQ - Building - Storage Shed	490 N Meridian Rd	Kalispell	2004	112	$5,206.95
☐	1) Shady Lane Fishing Pond FAS - Building - Latrine	Hwy 35 on the E side of Kalispe	Kalispell	2007	77	$8,254.05
☐	1) Shady Lane Fishing Pond FAS - Building - Picnic Shelter	Hwy 35 on the E side of Kalispe	Kalispell	2007	176	$20,679.75
☐	1) Smith Lake FAS - Building -Latrine	7 mi W of Kalispell on Hwy 2 to	Kalispell	1999	77	$9,576.00
☐	1) Sportsmans Bridge FAS - Building - Latrine	6 mi S of Kalispell Hwy 93 to po	Kalispell	2000	77	$9,576.00
☐	1) Wild Horse Island SP - Building - Latrine - Composting	Flathead Lake, access via boat	Kalispell	2003	77	$35,158.20
☐	1) West Shore SP - Building - Entrance Station	17768 Montana Hwy 93	Lakeside	2015	96	$72,220.05
☐	1) West Shore SP - Building - Latrine	17768 Montana Hwy 93	Lakeside	2013	77	$18,715.20
☐	1) West Shore SP - Building - Latrine	17768 Montana Hwy 93	Lakeside	2007	100	$14,707.35

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☐	1) West Shore SP - Building - Latrine	17768 Montana Hwy 93	Lakeside	2008	100	$16,891.35
☐	1) West Shore SP - Building - Latrine	17768 Montana Hwy 93	Lakeside	2008	221	$20,679.75
☐	1) West Shore SP - Building - Latrine	17768 Montana Hwy 93	Lakeside	2008	100	$16,891.35
☐	1) West Shore SP - Building - Latrine	17768 Montana Hwy 93	Lakeside	2007	100	$14,707.35
☐	1) West Shore SP - Building - Shed	17768 Montana Hwy 93	Lakeside	2015	256	$11,898.60
☐	1) West Shore SP - Building - Storage Garage	17768 Montana Hwy 93	Lakeside	2009	384	$18,924.15
☐	1) West Shore SP - Building - Storage Shed	17768 Montana Hwy 93	Lakeside	1991	80	$4,574.85
☐	5) Buffalo Mirage FAS - Building - Latrine	I-90 exit 426 on S Clark, E on C	Laurel	1999	77	$9,576.00
☐	4) Big Casino Creek Reservoir FAS - Building - Latrine ADA	1.5 mi S of Livingston on Big Ca	Lewistown	1995	77	$9,576.00
☐	4) Big Springs Trout Hatchery - Building	2051 Fish Hatchery Rd	Lewistown	1937	10,500	$629,205.15
☐	4) Big Springs Trout Hatchery - Building - Dwelling No. 3	2051 Fish Hatchery Rd	Lewistown	1960	1,161	$115,453.80
☐	4) Big Springs Trout Hatchery - Building - Dwelling No. 4	2051 Fish Hatchery Rd	Lewistown	1960	1,161	$78,803.55
☐	4) Big Springs Trout Hatchery - Building - Fire Equipment	2051 Fish Hatchery Rd	Lewistown	1962	144	$2,444.40
☐	4) Big Springs Trout Hatchery - Building - Garage - Three Bay	2051 Fish Hatchery Rd	Lewistown	1985	912	$52,149.30
☐	4) Big Springs Trout Hatchery - Building - Modular Dwelling	2051 Fish Hatchery Rd	Lewistown	1973	1,200	$81,450.60
☐	4) Big Springs Trout Hatchery - Building - Old	2051 Fish Hatchery Rd	Lewistown	1947	3,047	$174,243.30
☐	4) Big Springs Trout Hatchery - Building - Pump House	2051 Fish Hatchery Rd	Lewistown	1960	60	$9,041.55
☐	4) Big Springs Trout Hatchery - Building - Shed	2051 Fish Hatchery Rd	Lewistown	2012	120	$5,577.60
☐	4) Big Springs Trout Hatchery - Building - Shed	2051 Fish Hatchery Rd	Lewistown	2022	64	$2,434.95
☐	4) Big Springs Trout Hatchery - Building - Warehouse	2051 Fish Hatchery Rd	Lewistown	1960	4,100	$69,571.95
☐	4) Big Springs Trout Hatchery - Building - Water Supply Enclosure	2051 Fish Hatchery Rd	Lewistown	2001	14,506	$1,190,494.20
☐	4) Big Springs Trout Hatchery - Raceways	2051 Fish Hatchery Rd	Lewistown	1989	5,400	$507,089.10
☐	4) Big Springs Trout Hatchery - Raceways	2051 Fish Hatchery Rd	Lewistown	2013	26,608	$2,279,268.60
☐	4) Brewery Flats FAS - Building - Latrine ADA	1 mi S of Lewistown on Upper	Lewistown	2001	77	$9,576.00
☐	4) Hruska FAS - Building - Latrine ADA	6 mi NW of Lewistown off Han	Lewistown	1999	77	$9,576.00
☐	4) Judith River WMA - Building - Barn	11 mi SW of Utica	Lewistown	1915	1,664	$31,003.35
☐	4) Judith River WMA - Building - Garage	11 mi SW of Utica	Lewistown	1966	1,176	$162,628.20
☐	4) Judith River WMA - Building - Garage & Shop	11 mi SW of Utica	Lewistown	1954	1,128	$68,964.00
☐	4) Judith River WMA - Building - Garage & Storage	11 mi SW of Utica	Lewistown	1954	480	$27,449.10

☐	4) Judith River WMA - Building - Latrine	11 mi SW of Utica	Lewistown	2010	77	$10,442.25
☐	4) Judith River WMA - Building - Log Cabin	11 mi SW of Utica	Lewistown	1935	300	$9,875.25
☐	4) Lazy KB FAS - Building - Latrine	Edge of Lewistown city limits o	Lewistown	2004	77	$7,946.40
☐	4) Lewistown Area Office - Building - Storage Shed	2358 Airport Rd	Lewistown	1980	180	$16,010.40
☐	4) Lewistown Area Office - Building - Storage Shed	2358 Airport Rd	Lewistown	2003	48	$2,230.20
☐	4) Lewistown Area Office - Building - Storage Shed	2358 Airport Rd	Lewistown	2000	112	$5,206.95
☐	4) Upper Carter Pond FAS - Building - Latrine	6906 US Hwy 91	Lewistown	1996	77	$9,576.00
☐	1) Libby Field Station - Building - Dwelling/Office	385 Fish Hatchery Rd	Libby	1939	1,492	$101,268.30
☐	1) Libby Field Station - Building - Feed Room/Storage	385 Fish Hatchery Rd	Libby	1939	1,472	$84,173.25
☐	1) Libby Field Station - Building - Feed Storage	385 Fish Hatchery Rd	Libby	2019	2,560	$101,688.30
☐	1) Libby Field Station - Building - Feed Storage	385 Fish Hatchery Rd	Libby	1969	240	$4,072.95
☐	1) Libby Field Station - Building - Garage	385 Fish Hatchery Rd	Libby	1939	494	$25,431.00
☐	1) Libby Field Station - Building - Modular Home	385 Fish Hatchery Rd	Libby	2000	1,092	$74,120.55
☐	1) Libby Field Station - Building - Office	385 Fish Hatchery Rd	Libby	1940	1,492	$206,614.80
☐	1) Libby Field Station - Building - Shed	385 Fish Hatchery Rd	Libby	1999	484	$22,494.15
☐	1) Libby Field Station - Building - Shed	385 Fish Hatchery Rd	Libby	1999	200	$9,297.75
☐	1) Libby Field Station - Building - Shed	385 Fish Hatchery Rd	Libby	1999	160	$7,438.20
☐	1) Libby Field Station - Building - Shed	385 Fish Hatchery Rd	Libby	1999	160	$7,438.20
☐	1) Libby Field Station - Building - Shed	385 Fish Hatchery Rd	Libby	1999	120	$5,577.60
☐	1) Libby Field Station - Building - Shed	385 Fish Hatchery Rd	Libby	1999	160	$7,438.20
☐	1) Libby Field Station - Building - Storage Shed	385 Fish Hatchery Rd	Libby	1999	3,150	$135,378.60
☐	1) Logan Park SP - Building - Comfort Station	77518 US Hwy 2 W	Libby	1979	1,068	$132,839.70
☐	1) Logan Park SP - Building - Comfort Station - West Campground	77518 US Hwy 2 W	Libby	2002	1,000	$305,491.20
☐	1) Logan Park SP - Building - Pay Station	77518 US Hwy 2 W	Libby	2003	42	$7,942.20
☐	1) Logan Park SP - Building - Shed & Host Pad	77518 US Hwy 2 W	Libby	2002	320	$82,237.05
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	Libby	2009	77	$8,621.55
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	Libby	1997	77	$8,254.05
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	Libby	1997	77	$8,254.05
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	Libby	2008	77	$8,254.05

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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	$8,254.05
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	Libby	2004	77	$9,207.45
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	Libby	2004	77	$9,207.45
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	Libby	1997	77	$8,254.05
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	Libby	1997	77	$9,576.00
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	Libby	1997	77	$8,254.05
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	Libby	1999	77	$9,576.00
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	Libby	1997	77	$7,783.65
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	Libby	1997	77	$7,783.65
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	Libby	2008	77	$8,254.05
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	Libby	2004	77	$9,207.45
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	Libby	1997	77	$7,783.65
☐	1) Thompson Chain of Lakes FAS - Building - Latrine	Hwy 2, 35 mi to 55 mi W of Kali	Libby	1997	77	$8,254.05
☐	1) Thompson Chain of Lakes FAS - Building - Pump House	Hwy 2, 35 mi to 55 mi W of Kali	Libby	2010	120	$14,692.65
☐	1) Thompson Chain of Lakes FAS - Building - Pump House	Hwy 2, 35 mi to 55 mi W of Kali	Libby	2010	120	$11,680.20
☐	1) Thompson Chain of Lakes FAS - Building - Shed	Hwy 2, 35 mi to 55 mi W of Kali	Libby	2010	96	$4,463.55
☐	1) Thompson Chain of Lakes FAS - Building - Shed	Hwy 2, 35 mi to 55 mi W of Kali	Libby	2010	96	$4,463.55
☐	4) Lake Helena FAS - Building - Latrine	N on I-15 Approx 7 mi to Lincol	Lincoln	2009	77	$13,350.75
☐	3) Carters Bridge FAS - Building - Latrine ADA	3 mi S of Livingston Hwy 89, .2	Livingston	2002	77	$9,576.00
☐	3) Highway 89 Bridge FAS - Building - Latrine	5 mi E of Livingston on I-90, H	Livingston	2007	77	$7,946.40
☐	3) Livingston - Building - Shed	Hwy 10 N	Livingston	2012	80	$3,676.05
☐	3) Loch Leven FAS - Building - Latrine ADA	9 mi S on Hwy 89 to post 44, 2	Livingston	2000	77	$9,576.00
☐	3) Loch Leven FAS - Building - Latrine ADA	9 mi S on Hwy 89 to post 44, 2	Livingston	1999	77	$9,576.00
☐	3) Mallards Rest FAS - Building - Latrine ADA	13 mi S of Livingston HWY 89 t	Livingston	2000	77	$9,576.00
☐	3) Mallards Rest FAS - Building - Latrine ADA	13 mi S of Livingston HWY 89 t	Livingston	1999	77	$9,576.00
☐	3) Pine Creek FAS - Building - Latrine ADA	3 mi S on Hwy 89, 7 mi S on 34	Livingston	1999	77	$9,576.00
☐	3) Point of Rocks FAS - Building - Latrine	30 mi S of Livingston on Hwy 8	Livingston	2010	77	$13,605.90
☐	3) Sheep Mountain FAS - Building - Latrine ADA	4 mi E of Livingstn I-90 post 34	Livingston	1993	77	$9,576.00
☐	5) Big Horn FAS - Building - Latrine ADA	5.7 mi S of St Xavier on Hwy 31	Lodge Grass	1992	77	$9,576.00

☐	2) Chief Looking Glass FAS - Building - Latrine	6.5 mi S of Lolo on Hwy 93 to C	Lolo	1999	77	$9,576.00
☐	2) Chief Looking Glass FAS - Building - Latrine	6.5 mi S of Lolo on Hwy 93 to C	Lolo	2004	77	$9,207.45
☐	2) Chief Looking Glass FAS - Building - Shed	6.5 mi S of Lolo on Hwy 93 to C	Lolo	2010	80	$3,827.25
☐	2) Travelers Rest SP - Building - Barn	6717 US-12	Lolo	2010	2,257	$158,868.15
☐	2) Travelers Rest SP - Building - Garage	6717 US-12	Lolo	2001	1,280	$78,257.55
☐	2) Travelers Rest SP - Building - Implement Shed	6717 US-12	Lolo	1990	1,064	$60,844.35
☐	2) Travelers Rest SP - Building - Latrine	6717 US-12	Lolo	2003	98	$11,719.05
☐	2) Travelers Rest SP - Building - Latrine	6717 US-12	Lolo	1999	144	$20,666.10
☐	2) Travelers Rest SP - Building - Milk House	6717 US-12	Lolo	2010	256	$21,010.50
☐	2) Travelers Rest SP - Building - Visitors Center	6717 US-12	Lolo	1999	8,904	$730,742.25
☐	2) Travelers Rest SP - Building - Wooden Shed	6717 US-12	Lolo	2001	320	$18,296.25
☐	2) Travelers Rest SP - Dwelling/Administrative Office	6717 US-12	Lolo	1989	1,716	$237,638.10
☐	2) Travelers Rest SP - Picnic Shelter - Building - Pavilion Octagon	6717 US-12	Lolo	2004	176	$29,393.70
☐	4) Loma Bridge FAS - Building - Latrine ADA	1526 Loma Bridge Fishing Acce	Loma	1994	77	$9,576.00
☐	4) Loma Bridge FAS - Building - Latrine ADA	1526 Loma Bridge Fishing Acce	Loma	1994	77	$9,576.00
☐	6) Alkali Creek FAS - Building - Latrine	Located on the Milk River	Malta	2011	77	$8,254.05
☐	6) Bjornberg Bridge FAS - Building - Group Shelter	7 mi E of Saco on Hwy 2, 4 mi	Malta	2021	864	$8,052.45
☐	6) Bjornberg Bridge FAS - Building - Latrine ADA	7 mi E of Saco on Hwy 2, 4 mi	Malta	2004	77	$8,254.05
☐	6) Cole Ponds FAS - Building - Latrine ADA	10 mi NW of Saco on Hwy 243	Malta	2001	77	$9,576.00
☐	1) Boisverts Camp FAS - Building - Latrine	Kalispell-W on Hwy 2 for 32 mi	Marion	2003	77	$9,576.00
☐	1) Little Bitterroot Lake - Building - Flush Restroom	Little Bitterroot Lake	Marion	1965	960	$119,406.00
☐	1) Little Bitterroot Lake - Building - Main Lodge Hall	Little Bitterroot Lake	Marion	1963	2,738	$192,813.60
☐	4) Martinsdale Reservoir FAS - Building - Latrine	94 Martinsdale Lake Rd	Martinsdale	1999	77	$9,576.00
☐	4) Martinsdale Reservoir FAS - Building - Latrine	94 Martinsdale Lake Rd	Martinsdale	1999	77	$9,576.00
☐	4) Martinsdale Reservoir FAS - Building - Latrine	94 Martinsdale Lake Rd	Martinsdale	1999	77	$9,576.00
☐	4) Martinsdale Reservoir FAS - Building - Latrine	94 Martinsdale Lake Rd	Martinsdale	1999	77	$9,576.00
☐	4) Martinsdale Reservoir FAS - Building - Latrine	94 Martinsdale Lake Rd	Martinsdale	1999	77	$9,576.00
☐	3) Brownes Bridge FAS - Building - Latrine	6 mi S of Melrose on the Front	Melrose	1999	77	$9,576.00
☐	3) Maiden Rock FAS - Building - Latrine ADA	I-15 Melrose to post 93, 6 mi N	Melrose	1999	77	$8,254.05

DEPARTMENT OF FISH, WILDLIFE & PARKS

☐	3) Maiden Rock FAS - Building - Latrine ADA	I-15 Melrose to post 93, 6 mi N	Melrose	1999	77	$9,576.00
☐	3) Maiden Rock FAS - Building - Latrine ADA	I-15 Melrose to post 93, 6 mi N	Melrose	1999	77	$9,576.00
☐	3) Salmon Fly FAS - Building - Latrine ADA	Hwy 15 to Melrose exit, .25 mi	Melrose	1988	77	$9,576.00
☐	7) Bonfield FAS - Building - Latrine	1.5 mi NW of Miles City Hwy 4	Miles City	2015	77	$7,783.65
☐	7) Kinsey Bridge FAS - Building - Latrine	1.5 mi NW of Miles City on Hw	Miles City	1996	77	$9,576.00
☐	7) Miles City Fish Hatchery - Building	107 Fish Hatchery Rd	Miles City	1959	4,636	$532,618.80
☐	7) Miles City Fish Hatchery - Building - Addition	107 Fish Hatchery Rd	Miles City	1999	5,688	$2,153,355.75
☐	7) Miles City Fish Hatchery - Building - East Pump House	101 Fish Hatchery Rd	Miles City	1983	72	$5,910.45
☐	7) Miles City Fish Hatchery - Building - East Residence	101 Fish Hatchery Rd	Miles City	1983	3,234	$227,633.70
☐	7) Miles City Fish Hatchery - Building - East Residence - Garage	101 Fish Hatchery Rd	Miles City	2005	840	$51,356.55
☐	7) Miles City Fish Hatchery - Building - Equipment Storage	107 Fish Hatchery Rd	Miles City	1983	1,848	$78,300.60
☐	7) Miles City Fish Hatchery - Building - Fuel Shed	107 Fish Hatchery Rd	Miles City	1983	120	$5,916.75
☐	7) Miles City Fish Hatchery - Building - Intake Structure	107 Fish Hatchery Rd	Miles City	1980	608	$597,597.00
☐	7) Miles City Fish Hatchery - Building - Pole Barn	107 Fish Hatchery Rd	Miles City	2008	3,200	$157,703.70
☐	7) Miles City Fish Hatchery - Building - Shop & Garage	107 Fish Hatchery Rd	Miles City	1988	2,016	$106,821.75
☐	7) Miles City Fish Hatchery - Building - Silo Grain Bin	107 Fish Hatchery Rd	Miles City	2013	1,200	$13,545.00
☐	7) Miles City Fish Hatchery - Building - Slipfit	107 Fish Hatchery Rd	Miles City	2014	3,840	$182,176.05
☐	7) Miles City Fish Hatchery - Building - West Pump House	89 Fish Hatchery Rd	Miles City	1983	72	$5,910.45
☐	7) Miles City Fish Hatchery - Building - West Residence	89 Fish Hatchery Rd	Miles City	1983	3,234	$55,503.00
☐	7) Miles City Fish Hatchery - Building - West Residence - Garage	89 Fish Hatchery Rd	Miles City	2005	840	$51,356.55
☐	7) Pirogue Island SP - Building - Latrine	2.3 mi left on Valley Rd	Miles City	2007	77	$8,254.05
☐	7) Regional HQ - Building	352 I-94BL	Miles City	1991	7,664	$1,620,526.95
☐	7) Regional HQ - Building - Shop Complex	352 I-94BL	Miles City	2002	3,120	$379,466.85
☐	7) Regional HQ - Building - Storage	352 I-94BL	Miles City	2002	3,120	$178,417.05
☐	7) Regional HQ - Building - Storage	352 I-94BL	Miles City	2021	3,456	$141,321.60
☐	7) Roche Juane FAS - Building - Flush Toilet	Hwy 59 to NW edge of Miles Ci	Miles City	1985	77	$48,910.05
☐	7) Twelve Mile Dam FAS - Building - Latrine	12 mi S of Miles City on Hwy 5	Miles City	1980	77	$19,899.60
☐	7) Twelve Mile Dam FAS - Building - Latrine ADA	12 mi S of Miles City on Hwy 5	Miles City	1995	77	$9,576.00
☐	2) Bearmouth FAS - Building - Latrine	33 mi of Missoula on 1-90 to e	Missoula	2019	100	$9,215.85

☐	2) Beavertail Pond FAS - Building - Latrine	26 mi E of Missoula on I-90 to	Missoula	1999	77	$9,576.00
☐	2) Big Pine FAS - Building - Latrine	I-90 to Exit 66, S on Fish Creek	Missoula	1999	77	$9,576.00
☐	2) Council Grove SP - Building - Latrine	11249 Mullan Rd	Missoula	1984	160	$19,899.60
☐	2) Cyr Bridge FAS - Building - Latrine	W of Missoula I-90 exit70, N on	Missoula	1999	77	$9,576.00
☐	2) Cyr Bridge FAS - Building - Latrine	W of Missoula I-90 exit70, N on	Missoula	1999	77	$9,576.00
☐	2) Fish Creek SP - Building - Lookout Tower	41 mi W of Missoula	Missoula	1970	256	$12,375.30
☐	2) Forks FAS - Building - Latrine	W of Missoula I-90 exit 60, S th	Missoula	1999	77	$9,576.00
☐	2) Gold Creek FAS - Building - Latrine	Interstate 90 NW of Garrison,	Missoula	2019	100	$9,215.85
☐	2) Kelly Island FAS - Building - Latrine	Exit 101, S to Spurgin Rd, 2 mi	Missoula	1999	77	$9,576.00
☐	2) Kona Bridge FAS - Building - Latrine	4.9 mi W of Missoula on Mulla	Missoula	2008	77	$8,254.05
☐	2) Milltown SP - Building - Latrine	1353 Deer Creek Rd - Overlook	Missoula	2017	77	$7,696.50
☐	2) Milltown SP - Building - Latrine	1353 Deer Creek Rd - Overlook	Missoula	2020	77	$6,848.10
☐	2) Milltown SP - Building - Latrine	1353 Deer Creek Rd - Overlook	Missoula	2020	144	$12,807.90
☐	2) Old Harpers Bridge FAS - Building - Latrine	8.1 mi W of Missoula on Mulla	Missoula	2012	77	$14,729.40
☐	2) Petty Creek FAS - Building - Latrine	24 mi W of Missoula on I-90 to	Missoula	1999	77	$9,576.00
☐	2) Poker Joe FAS - Building - Latrine	19 mi S of Missoula on US Hwy	Missoula	2008	77	$16,120.65
☐	2) Regional HQ - Building	3201 Spurgin Rd	Missoula	1981	20,736	$4,054,095.15
☐	2) Regional HQ - Building	3201 Spurgin Rd	Missoula	2022	1,200	$110,540.85
☐	2) Regional HQ - Building - Carport	3201 Spurgin Rd	Missoula	2008	504	$23,911.65
☐	2) Regional HQ - Building - Check Station	3201 Spurgin Rd	Missoula	1987	48	$517.65
☐	2) Regional HQ - Building - Lab/Shop	3201 Spurgin Rd	Missoula	1981	6,800	$1,772,003.10
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	Missoula	1983	192	$8,844.15
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	Missoula	1983	64	$6,470.10
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	Missoula	1983	80	$3,719.10
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	Missoula	1983	80	$3,719.10
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	Missoula	1983	192	$8,921.85
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	Missoula	1983	646	$30,025.80
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	Missoula	1983	80	$3,719.10
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	Missoula	2022	96	$3,651.90

☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	Missoula	2013	120	$5,693.10
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	Missoula	2013	120	$5,693.10
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	Missoula	2013	120	$5,693.10
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	Missoula	2013	120	$5,693.10
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	Missoula	1983	160	$7,438.20
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	Missoula	1983	96	$4,463.55
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	Missoula	2013	120	$5,693.10
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	Missoula	1983	48	$2,230.20
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	Missoula	2017	200	$5,319.30
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	Missoula	1983	48	$2,230.20
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	Missoula	2013	120	$5,693.10
☐	2) Regional HQ - Building - Shed	3201 Spurgin Rd	Missoula	1983	48	$2,230.20
☐	2) Regional HQ - Building - Storage	3201 Spurgin Rd	Missoula	2004	1,800	$227,160.15
☐	2) Regional HQ - Building - Storage	3201 Spurgin Rd	Missoula	2010	160	$7,883.40
☐	2) Regional HQ - Building - Storage Shed	3201 Spurgin Rd	Missoula	1993	3,780	$96,072.90
☐	2) Turah FAS - Building - Latrine	E of Missoula to exit 113 S, E 2	Missoula	1999	77	$9,576.00
☐	2) Whittecar Rifle Range - Building - Latrine	Whittecar AFL/P	Missoula	1978	160	$19,899.60
☐	3) Damselfly FAS - Building - Latrine	approx. 9 mi E of Norris on Hw	Norris	2012	77	$8,254.05
☐	5) Buffalo Jump FAS - Building - Latrine ADA	Off Hwy 419 @ Nye	Nye	1995	77	$9,576.00
☐	2) Browns Lake FAS - Building - Latrine	Ovanda - E 7 mi on Hwy 200, S	Ovando	2004	77	$9,207.45
☐	2) Browns Lake FAS - Building - Latrine	Ovanda - E 7 mi on Hwy 200, S	Ovando	1999	77	$9,576.00
☐	2) Harry Morgan FAS - Building - Latrine	4 mi S of Ovando on SR 272	Ovando	1999	77	$9,576.00
☐	1) Pair-A-Dice FAS - Building - Latrine	Appox. 0.5 mi E of Paradise on	Paradise	2011	77	$16,131.15
☐	2) Granite SP - Building - Superintendent's House	347 Granite Rd	Philipsburg	1872	2,560	$347,519.55
☐	2) Stuart Mill Bay FAS - Building - Latrine	13 mi W of Anaconda Hwy 1, D	Philipsburg	2005	77	$8,254.05
☐	2) Stuart Mill Bay FAS - Building - Latrine	13 mi W of Anaconda Hwy 1, D	Philipsburg	2015	77	$7,783.65
☐	2) Stuart Mill Bay FAS - Building - Latrine	13 mi W of Anaconda Hwy 1, D	Philipsburg	2005	77	$9,207.45
☐	6) Brush Lake SP - Building - Kiosk & Fee Station	Hwy 16 E Hwy 258 16.5 mi S on	Plentywood	2011	384	$31,514.70
☐	6) Brush Lake SP - Building - Latrine	Hwy 16 E Hwy 258 16.5 mi S on	Plentywood	2010	77	$8,254.05

☐	6) Brush Lake SP - Building - Latrine w/Wind Screen	Hwy 16 E Hwy 258 16.5 mi S on	Plentywood	2010	77	$11,327.40
☐	6) Brush Lake SP - Building - Latrine W/Wind Screen	Hwy 16 E Hwy 258 16.5 mi S on	Plentywood	2010	77	$11,327.40
☐	6) Brush Lake SP - Building - Shed	Hwy 16 E Hwy 258 16.5 mi S on	Plentywood	2009	80	$3,719.10
☐	6) Brush Lake SP - Building - Storage Garage	Hwy 16 E Hwy 258 16.5 mi S on	Plentywood	2011	384	$12,680.85
☐	7) South Sandstone FAS - Building - Latrine ADA	5 mi S of Plevna on County Rd,	Plevna	2004	77	$8,254.05
☐	1) Finley Point SP - Building - Entrance Station	31453 S Finley Point Rd	Polson	1991	165	$15,713.25
☐	1) Finley Point SP - Building - Latrine	31453 S Finley Point Rd	Polson	2017	144	$7,696.50
☐	1) Finley Point SP - Building - Latrine	31453 S Finley Point Rd	Polson	2017	77	$7,696.50
☐	1) Finley Point SP - Building - Latrine	31453 S Finley Point Rd	Polson	2017	77	$7,696.50
☐	1) Finley Point SP - Building - Latrine	31453 S Finley Point Rd	Polson	2017	77	$7,696.50
☐	1) Finley Point SP - Building - Latrine	31453 S Finley Point Rd	Polson	2017	144	$14,391.30
☐	1) Finley Point SP - Building - Pump House	31453 S Finley Point Rd	Polson	1991	80	$9,951.90
☐	1) Finley Point SP - Building - Shed	31453 S Finley Point Rd	Polson	2001	120	$5,577.60
☐	1) Walstad FAS - Building - Latrine	10 mi N Polson on Hwy 93 - mil	Polson	2021	144	$12,807.90
☐	3) Paradise FAS - Building - Latrine ADA	9 mi S of Livingston Hwy 89 to	Pray	1999	77	$9,576.00
☐	5) Chief Plenty Coups SP - Building - Latrine	1 Edgar Rd	Pryor	2002	77	$9,576.00
☐	5) Chief Plenty Coups SP - Building - Latrine	1 Edgar Rd	Pryor	2002	77	$8,621.55
☐	5) Chief Plenty Coups SP - Building - Little House	1 Edgar Rd	Pryor	2022	432	$39,795.00
☐	5) Chief Plenty Coups SP - Building - Maintenance Garage	1 Edgar Rd	Pryor	1975	960	$58,691.85
☐	5) Chief Plenty Coups SP - Building - Maintenance Shed	1 Edgar Rd	Pryor	2005	64	$3,155.25
☐	5) Chief Plenty Coups SP - Building - Memorial Museum	1 Edgar Rd	Pryor	1985	3,298	$531,646.50
☐	5) Chief Plenty Coups SP - Building - Mobile Home	1 Edgar Rd	Pryor	2009	1,280	$68,562.90
☐	5) Chief Plenty Coups SP - Building - Mobile Home	1 Edgar Rd	Pryor	2023	1,280	$110,738.25
☐	5) Chief Plenty Coups SP - Building - Museum Residence	1 Edgar Rd	Pryor	1884	864	$278,559.75
☐	5) Chief Plenty Coups SP - Building - Pump House/Irrigation	1 Edgar Rd	Pryor	2006	36	$4,498.20
☐	5) Chief Plenty Coups SP - Building - Pump House/Irrigation	1 Edgar Rd	Pryor	2006	36	$5,215.35
☐	5) Chief Plenty Coups SP - Building - Residence Shed	1 Edgar Rd	Pryor	2005	160	$5,916.75
☐	5) Chief Plenty Coups SP - Building - Sod Roof Cabin	1 Edgar Rd	Pryor	1961	288	$9,479.40
☐	5) Beaver Lodge FAS - Building - Latrine	5.3 mi N Red Lodge Hwy 212, E	Red Lodge	1996	77	$9,576.00

☐	5) Bull Springs FAS - Building - Latrine ADA	5.3 mi N Red Lodge Hwy 212, E	Red Lodge	1996	77	$9,576.00
☐	5) Horsetheif Station FAS - Building - Latrine	5.3 mi N Red Lodge Hwy 212, E	Red Lodge	1996	77	$9,576.00
☐	5) Indian Fort FAS - Building - Latrine ADA	I-90 exit 392, N Frontage Rd, cr	Reed Point	1995	77	$9,576.00
☐	5) Indian Fort FAS - Building - Latrine ADA	I-90 exit 392, N Frontage Rd, cr	Reed Point	1995	77	$9,576.00
☐	5) Cooney SP - Building - Administrative Office	86 Lake Shore Rd	Roberts	2008	256	$109,607.40
☐	5) Cooney SP - Building - Fish Cleaning Station	86 Lake Shore Rd	Roberts	2000	400	$49,389.90
☐	5) Cooney SP - Building - Kiosk	86 Lake Shore Rd	Roberts	2014	384	$38,025.75
☐	5) Cooney SP - Building - Latrine	86 Lake Shore Rd	Roberts	1997	77	$9,576.00
☐	5) Cooney SP - Building - Latrine	86 Lake Shore Rd	Roberts	1970	77	$19,899.60
☐	5) Cooney SP - Building - Latrine	86 Lake Shore Rd	Roberts	2014	77	$14,479.50
☐	5) Cooney SP - Building - Latrine	86 Lake Shore Rd	Roberts	1997	77	$9,576.00
☐	5) Cooney SP - Building - Latrine	86 Lake Shore Rd	Roberts	1997	77	$9,576.00
☐	5) Cooney SP - Building - Latrine	86 Lake Shore Rd	Roberts	2005	77	$8,254.05
☐	5) Cooney SP - Building - Latrine	86 Lake Shore Rd	Roberts	1997	77	$9,576.00
☐	5) Cooney SP - Building - Latrine	86 Lake Shore Rd	Roberts	1992	77	$9,576.00
☐	5) Cooney SP - Building - Latrine	86 Lake Shore Rd	Roberts	1999	77	$9,576.00
☐	5) Cooney SP - Building - Latrine	86 Lake Shore Rd	Roberts	2014	77	$7,946.40
☐	5) Cooney SP - Building - Latrine ADA	86 Lake Shore Rd	Roberts	1999	77	$9,576.00
☐	5) Cooney SP - Building - Latrine ADA	86 Lake Shore Rd	Roberts	2001	77	$9,576.00
☐	5) Cooney SP - Building - Latrine ADA	86 Lake Shore Rd	Roberts	1997	77	$9,576.00
☐	5) Cooney SP - Building - Latrine ADA	86 Lake Shore Rd	Roberts	1992	77	$9,576.00
☐	5) Cooney SP - Building - Maintenance-Shop	86 Lake Shore Rd	Roberts	2005	1,200	$114,274.65
☐	5) Cooney SP - Building - Modern Comfort Station	86 Lake Shore Rd	Roberts	1992	1,062	$132,094.20
☐	5) Cooney SP - Building - Office	86 Lake Shore Rd	Roberts	1996	256	$31,843.35
☐	5) Cooney SP - Building - Pump house	86 Lake Shore Rd	Roberts	2000	168	$56,311.50
☐	5) Cooney SP - Building - Pump House	86 Lake Shore Rd	Roberts	2014	64	$14,920.50
☐	5) Cooney SP - Building - Pump House	86 Lake Shore Rd	Roberts	2008	140	$17,143.35
☐	5) Cooney SP - Building - Pump House	86 Lake Shore Rd	Roberts	2006	442	$54,126.45
☐	5) Cooney SP - Building - Shed	86 Lake Shore Rd	Roberts	2008	96	$4,463.55

☐	5) Water Birch FAS - Building - Latrine ADA	8.1 mi S of Red Lodge on Hwy	Roberts	1993	77	$9,576.00
☐	5) Water Birch FAS - Building - Latrine ADA	8.1 mi S of Red Lodge on Hwy	Roberts	1999	77	$9,576.00
☐	5) Whitebird FAS - Building - Latrine	5.9 mi S of Columbus on Hwy 7	Roberts	2008	77	$8,254.05
☐	5) Whitebird FAS - Building - Latrine	5.9 mi S of Columbus on Hwy 7	Roberts	1999	77	$9,576.00
☐	7) Far West FAS - Building - Latrine	10 mi E of Forsyth, I-94, N @exi	Rosebud	1996	77	$9,576.00
☐	7) Far West FAS - Building - Latrine ADA	10 mi E of Forsyth, I-94, N @exi	Rosebud	1999	77	$9,576.00
☐	5) Deadmans Basin FAS - Building - Latrine	9 mi W of Rygate on Hwy 12	Ryegate	1996	77	$9,576.00
☐	5) Deadmans Basin FAS - Building - Latrine	9 mi W of Rygate on Hwy 12	Ryegate	1999	77	$9,576.00
☐	5) Deadmans Basin FAS - Building - Latrine	9 mi W of Rygate on Hwy 12	Ryegate	1999	77	$9,576.00
☐	5) Deadmans Basin FAS - Building - Latrine	9 mi W of Rygate on Hwy 12	Ryegate	1999	77	$9,576.00
☐	5) Deadmans Basin FAS - Building - Latrine	9 mi W of Rygate on Hwy 12	Ryegate	1999	77	$9,576.00
☐	5) Deadmans Basin FAS - Building - Picnic Shelter	9 mi W of Rygate on Hwy 12	Ryegate	1990	396	$4,194.75
☐	5) Deadmans Basin FAS - Building - Picnic Shelter	9 mi W of Rygate on Hwy 12	Ryegate	1990	396	$4,194.75
☐	5) Deadmans Basin FAS - Building - Storage Garage	9 mi W of Rygate on Hwy 12	Ryegate	1995	144	$6,693.75
☐	1) Kookosint FAS - Building - Latrine	Located on Flathead Lake /App	Saint Regis	2009	77	$8,621.55
☐	2) Forest Grove FAS - Building - Latrine	I-90 Tarkio exit 60-N side then	Saint Regis	1999	77	$9,576.00
☐	2) Tarkio FAS - Building - Latrine	I-90 Tarkio exit 61, SE for .75 m	Saint Regis	1999	77	$9,576.00
☐	2) Tarkio FAS - Building - Latrine	I-90 Tarkio exit 61, SE for .75 m	Saint Regis	1999	77	$9,576.00
☐	5) Mallards Landing FAS - Building - Latrine ADA	5.5 mi N of St Xavier Hwy 313,	Saint Xavier	1988	77	$9,576.00
☐	7) Elk Island FAS - Building - Latrine	Hwy 16 , 1 mi N of Savage, E 2	Savage	2020	77	$7,060.20
☐	2) Blackfoot/Clearwater WMA - Building - Barn	40 mi E - NE. Missoula on State	Seeley Lake	1989	1,302	$24,259.20
☐	2) Blackfoot/Clearwater WMA - Building - Barn/Storage	40 mi E - NE. Missoula on State	Seeley Lake	1948	1,152	$81,856.95
☐	2) Blackfoot/Clearwater WMA - Building - Calving Shed	40 mi E - NE. Missoula on State	Seeley Lake	1948	768	$65,190.30
☐	2) Blackfoot/Clearwater WMA - Building - Calving Shed	40 mi E - NE. Missoula on State	Seeley Lake	1989	1,720	$22,414.35
☐	2) Blackfoot/Clearwater WMA - Building - Calving Shed	40 mi E - NE. Missoula on State	Seeley Lake	1989	1,692	$22,050.00
☐	2) Blackfoot/Clearwater WMA - Building - Calving Shed	40 mi E - NE. Missoula on State	Seeley Lake	1989	1,683	$21,929.25
☐	2) Blackfoot/Clearwater WMA - Building - Calving Shed	40 mi E - NE. Missoula on State	Seeley Lake	1998	1,152	$29,283.45
☐	2) Blackfoot/Clearwater WMA - Building - Frame Shop	40 mi E - NE. Missoula on State	Seeley Lake	1934	855	$52,273.20
☐	2) Blackfoot/Clearwater WMA - Building - Garage & Shop	40 mi E - NE. Missoula on State	Seeley Lake	1948	432	$37,600.50

☐	2) Blackfoot/Clearwater WMA - Building - Granary Shed	40 mi E - NE. Missoula on State	Seeley Lake	1989	540	$9,163.35
☐	2) Blackfoot/Clearwater WMA - Building - Green House	40 mi E - NE. Missoula on State	Seeley Lake	1978	1,248	$60,244.80
☐	2) Blackfoot/Clearwater WMA - Building - Hen House	40 mi E - NE. Missoula on State	Seeley Lake	1989	406	$38,664.15
☐	2) Blackfoot/Clearwater WMA - Building - Metal Storage	40 mi E - NE. Missoula on State	Seeley Lake	1970	4,000	$67,875.15
☐	2) Blackfoot/Clearwater WMA - Building - Milk Barn	40 mi E - NE. Missoula on State	Seeley Lake	1989	312	$6,045.90
☐	2) Blackfoot/Clearwater WMA - Building - Quonset Shop	40 mi E - NE. Missoula on State	Seeley Lake	1948	864	$14,662.20
☐	2) Blackfoot/Clearwater WMA - Building - Residence	40 mi E - NE. Missoula on State	Seeley Lake	1971	1,344	$182,449.05
☐	2) Blackfoot/Clearwater WMA - Building - Saw Shed	40 mi E - NE. Missoula on State	Seeley Lake	1989	1,568	$89,665.80
☐	2) Blackfoot/Clearwater WMA - Building - Shed	40 mi E - NE. Missoula on State	Seeley Lake	1989	437	$5,694.15
☐	2) Blackfoot/Clearwater WMA - Building - Shed	40 mi E - NE. Missoula on State	Seeley Lake	1948	224	$19,215.00
☐	2) Blackfoot/Clearwater WMA - Building - Shop/Machine Shed	40 mi E - NE. Missoula on State	Seeley Lake	1998	840	$48,892.20
☐	2) Blackfoot/Clearwater WMA - Building - Steel Shed	40 mi E - NE. Missoula on State	Seeley Lake	1989	3,200	$41,701.80
☐	2) Blackfoot/Clearwater WMA - Building - Storage Shed	40 mi E - NE. Missoula on State	Seeley Lake	1948	780	$44,601.90
☐	2) Blackfoot/Clearwater WMA - Building - Stud Barn - Old	40 mi E - NE. Missoula on State	Seeley Lake	1948	396	$15,347.85
☐	2) Blackfoot/Clearwater WMA - Building - Yellow House	40 mi E - NE. Missoula on State	Seeley Lake	1934	1,580	$31,714.20
☐	2) Clearwater Bridge FAS - Building - Latrine	30 mi E of Bonner on Hwy 200,	Seeley Lake	1999	77	$9,576.00
☐	2) Clearwater Crossing FAS - Building - Latrine	34 mi E of Bonner Hwy 200, 1	Seeley Lake	1999	77	$9,576.00
☐	2) Corrick's River Bend FAS - Building - Latrine	25.5 mi E of Bonner on Hwy 20	Seeley Lake	2002	77	$7,783.65
☐	2) Corrick's River Bend FAS - Building - Latrine	25.5 mi E of Bonner on Hwy 20	Seeley Lake	2002	77	$7,783.65
☐	2) Harper Lake FAS - Building - Latrine	35 mi E of Bonner on Hwy 200,	Seeley Lake	1993	77	$9,576.00
☐	2) Harper Lake FAS - Building - Latrine	31 mi E of Bonner on Hwy 200,	Seeley Lake	2009	77	$8,621.55
☐	2) Monture Creek FAS - Building - Latrine	39 mi E of Bonner on Hwy 200	Seeley Lake	1999	77	$9,576.00
☐	2) Ninemile Prairie FAS - Building - Latrine	26 mi E of Bonner on 200 to po	Seeley Lake	1999	77	$9,576.00
☐	2) Placid Lake SP - Building - Comfort Station	5001 N Placid Lake Rd	Seeley Lake	1998	1,000	$381,866.10
☐	2) Placid Lake SP - Building - Entrance Station	5001 N Placid Lake Rd	Seeley Lake	2000	80	$7,620.90
☐	2) Placid Lake SP - Building - Firewood Storage	5001 N Placid Lake Rd	Seeley Lake	2000	140	$11,029.20
☐	2) Placid Lake SP - Building - Latrine	5001 N Placid Lake Rd	Seeley Lake	2000	77	$9,576.00
☐	2) Placid Lake SP - Building - Latrine	5001 N Placid Lake Rd	Seeley Lake	1999	77	$9,576.00
☐	2) Placid Lake SP - Building - Latrine	5001 N Placid Lake Rd	Seeley Lake	2000	77	$9,576.00

☐	2) Placid Lake SP - Building - Picnic Shelter	5001 N Placid Lake Rd	Seeley Lake	1992	100	$12,437.25
☐	2) Placid Lake SP - Building - Picnic Shelter	5001 N Placid Lake Rd	Seeley Lake	1992	100	$12,437.25
☐	2) Placid Lake SP - Building - Picnic Shelter	5001 N Placid Lake Rd	Seeley Lake	1992	100	$12,437.25
☐	2) Placid Lake SP - Building - Picnic Shelter	5001 N Placid Lake Rd	Seeley Lake	1992	100	$12,437.25
☐	2) Placid Lake SP - Building - Shed	5001 N Placid Lake Rd	Seeley Lake	2014	108	$5,120.85
☐	2) Placid Lake SP - Building - Storage Shed	5001 N Placid Lake Rd	Seeley Lake	2006	140	$7,698.60
☐	2) Roundup FAS - Building - Latrine	26 mi E of Bonner Hwy 200, W	Seeley Lake	1999	77	$9,576.00
☐	2) Russell Gates Memorial FAS - Building - Latrine	36 mi E of Bonner on Hwy 200	Seeley Lake	2010	77	$8,621.55
☐	2) Russell Gates Memorial FAS - Building - Latrine	36 mi E of Bonner on Hwy 200	Seeley Lake	1999	77	$9,576.00
☐	2) Russell Gates Memorial FAS - Building - Latrine ADA	36 mi E of Bonner on Hwy 200	Seeley Lake	1999	77	$9,576.00
☐	2) Salmon Lake SP - Building - Camp Rsv Office	2329 MT-83	Seeley Lake	2011	120	$14,320.95
☐	2) Salmon Lake SP - Building - Comfort station	2329 MT-83	Seeley Lake	1980	1,068	$132,839.70
☐	2) Salmon Lake SP - Building - Entrance Station	2329 MT-83	Seeley Lake	2000	80	$9,545.55
☐	2) Salmon Lake SP - Building - Firewood Storage	2329 MT-83	Seeley Lake	2000	140	$11,029.20
☐	2) Salmon Lake SP - Building - Latrine	2329 MT-83	Seeley Lake	1999	77	$9,576.00
☐	2) Salmon Lake SP - Building - Picnic Shelter	2329 MT-83	Seeley Lake	1991	252	$20,679.75
☐	2) Salmon Lake SP - Building - Picnic Shelter	2329 MT-83	Seeley Lake	1992	252	$31,345.65
☐	2) Salmon Lake SP - Building - Picnic Shelter	2329 MT-83	Seeley Lake	1992	252	$31,345.65
☐	2) Salmon Lake SP - Building - Picnic Shelter	2329 MT-83	Seeley Lake	2004	252	$20,679.75
☐	2) Salmon Lake SP - Building - Picnic Shelter	2329 MT-83	Seeley Lake	2004	252	$20,679.75
☐	2) Salmon Lake SP - Building - Romteck Toilet	2329 MT-83	Seeley Lake	1995	96	$36,601.95
☐	2) Salmon Lake SP - Building - Shed	2329 MT-83	Seeley Lake	2014	108	$5,120.85
☐	2) Salmon Lake SP - Building - Storage Shed	2329 MT-83	Seeley Lake	2000	140	$8,484.00
☐	2) Upsata Lake - Building - Latrine	38 mi E of Bonner Hwy 200 to	Seeley Lake	1999	77	$9,576.00
☐	4) Marias River SP - Building - Latrine	S exit 358 off I-15 N on M Valle	Shelby	2009	77	$8,621.55
☐	3) Robb Creek WMA - Building - Log Cabin	Robb Creek Rd-(Lat 44.903, Lng	Sheridan	2005	600	$76,361.25
☐	3) Robb Creek WMA - Building - Metal Barn	Robb Creek Rd-(Lat 44.903, Lng	Sheridan	2005	900	$114,535.05
☐	3) Robb Creek WMA - Building - Storage	Robb Creek Rd-(Lat 44.903, Lng	Sheridan	2005	180	$22,907.85
☐	7) Gartside FAS - Building - Latrine	Hwy 16, 1mi N of Crane, W 1 m	Sidney	1999	77	$9,576.00

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☐	7) Gartside FAS - Building - Picnic Shelter	Hwy 16, 1mi N of Crane, W 1 m	Sidney	2003	126	$1,333.50
☐	7) Gartside FAS - Building - Picnic Shelter	Hwy 16, 1mi N of Crane, W 1 m	Sidney	2003	126	$1,333.50
☐	7) Sidney Bridge FAS - Building - Latrine	1.5 mi S of Sidney Hwy 16, 1.5	Sidney	1999	77	$9,576.00
☐	7) South Sandstone FAS - Building - Latrine ADA	5 mi S of Plevna on County Rd,	Sidney	2004	77	$8,254.05
☐	4) Lowrey Bridge FAS - Building - Latrine	Approx 4.5 mi W of Simms, H	Simms	2001	77	$4,334.40
☐	1) Flathead Lake Salmon Hatchery - Building - Boat House	100 Spring Creek Rd	Somers	1974	640	$39,127.20
☐	1) Flathead Lake Salmon Hatchery - Building - Four Stall Garage	100 Spring Creek Rd	Somers	1936	1,100	$67,249.35
☐	1) Flathead Lake Salmon Hatchery - Building - Garage	100 Spring Creek Rd	Somers	1912	288	$14,194.95
☐	1) Flathead Lake Salmon Hatchery - Building - Garage	100 Spring Creek Rd	Somers	1912	288	$17,607.45
☐	1) Flathead Lake Salmon Hatchery - Building - Garage/Shop	100 Spring Creek Rd	Somers	1928	520	$31,790.85
☐	1) Flathead Lake Salmon Hatchery - Building - Hatchery	100 Spring Creek Rd	Somers	1912	3,200	$300,499.50
☐	1) Flathead Lake Salmon Hatchery - Building - Residential	100 Spring Creek Rd	Somers	1914	3,392	$288,754.20
☐	1) North Shore Flathead Lake WMA - Building - Barn w/ attached Quonset	4.5 mi E of Somers on Hwy 82	Somers	1914	1,800	$233,688.00
☐	1) Somers FAS - Building - Comfort Station	Hwy 93, 1 mi S of Somers	Somers	1995	525	$83,973.75
☐	3) Springdale FAS - Building - Latrine ADA	I-90 Springdale exit, then .5 mi	Springdale	1999	77	$9,576.00
☐	2) Bell Crossing FAS - Building - Latrine	1.5 mi N of Victor on Hwy 93, 0	Stevensville	2015	77	$7,783.65
☐	2) Fort Owen SP - Building - Cabin	99 Fort Owen Ranch Rd	Stevensville	1850	793	$83,555.85
☐	2) Fort Owen SP - Building - East Barracks	99 Fort Owen Ranch Rd	Stevensville	1850	1,653	$224,395.50
☐	2) Fort Owen SP - Building - Latrine	99 Fort Owen Ranch Rd	Stevensville	2007	77	$21,326.55
☐	2) Fort Owen SP - Building - Latrine	99 Fort Owen Ranch Rd	Stevensville	1990	77	$9,576.00
☐	2) Fort Owen SP - Building - Root Cellar	99 Fort Owen Ranch Rd	Stevensville	1850	150	$20,362.65
☐	2) Fort Owen SP - Building - Well House	99 Fort Owen Ranch Rd	Stevensville	1850	60	$67,573.80
☐	4) Medicine River FAS - Building - Latrine ADA	19 Sun River Cascade Rd	Sun River	1999	77	$9,576.00
☐	2) Big Eddy FAS - Building - Latrine	I-90 to Superior exit 47, 1 mi E	Superior	1999	77	$9,576.00
☐	2) Big Eddy FAS - Building - Latrine	I-90 to Superior exit 47, 1 mi E	Superior	1999	77	$9,576.00
☐	2) Dry Creek FAS - Building - Latrine	4 miles west of Superior on I-9	Superior	2001	77	$9,576.00
☐	1) Bull River WMA - Building - Cabin	Between Troy & Noxon along t	Thompson Falls	2005	1,736	$57,147.30
☐	1) Thompson Falls SP - Building - Latrine	2220 Blue Slide Rd	Thompson Falls	2010	77	$17,924.55
☐	1) Thompson Falls SP - Building - Latrine	2220 Blue Slide Rd	Thompson Falls	2010	77	$17,924.55

☐	1) Thompson Falls SP - Building - Picnic Shelter	2220 Blue Slide Rd	Thompson Falls	1992	176	$16,971.15
☐	1) Thompson Falls SP - Building - Picnic Shelter	2220 Blue Slide Rd	Thompson Falls	1992	176	$16,971.15
☐	1) Thompson Falls SP - Building - Pump House	2220 Blue Slide Rd	Thompson Falls	1990	34	$5,120.85
☐	1) Thompson Falls SP - Building - Reservation/Storage/Office	2220 Blue Slide Rd	Thompson Falls	2011	256	$21,009.45
☐	1) Thompson Falls SP - Building - Storage Shed	2220 Blue Slide Rd	Thompson Falls	1965	120	$5,930.40
☐	3) Cobblestone FAS - Building - Latrine ADA	3 mi W of Logan, 7 mi S on Ma	Three Forks	1994	77	$9,576.00
☐	3) Drouillard FAS - Building - Latrine	2 mi W of Three Forks on Rte 2	Three Forks	2002	77	$9,576.00
☐	3) Fairweather FAS - Building - Latrine	1 mi W of Logan Frontage Rd, 1	Three Forks	2003	77	$9,576.00
☐	3) Greycliff FAS - Building - Latrine	23 mi W of Bozeman Hwy 84, 6	Three Forks	1999	77	$9,576.00
☐	3) Greycliff FAS - Building - Latrine	23 mi W of Bozeman Hwy 84, 6	Three Forks	1999	77	$9,576.00
☐	3) Greycliff FAS - Building - Latrine	23 mi W of Bozeman Hwy 84, 6	Three Forks	1999	77	$9,576.00
☐	3) Madison Buffalo Jump SP - Building - Interpretive Center	6990 Buffalo Jump Rd	Three Forks	1979	188	$17,905.65
☐	3) Madison Buffalo Jump SP - Building - Latrine	6990 Buffalo Jump Rd	Three Forks	2015	77	$20,501.25
☐	3) Milwaukee Road FAS - Building - Latrine	1.5 E of Three Forks on Hwy 10	Three Forks	1999	77	$9,576.00
☐	3) Missouri Headwaters SP - Building - Comfort station	1585 Trident Rd	Three Forks	1975	818	$101,742.90
☐	3) Missouri Headwaters SP - Building - Interpretive Pavilion	1585 Trident Rd	Three Forks	2003	498	$422,525.25
☐	3) Missouri Headwaters SP - Building - Interpretive Shelter	1585 Trident Rd	Three Forks	1980	1,089	$135,452.10
☐	3) Missouri Headwaters SP - Building - Interpretive Shelter	1585 Trident Rd	Three Forks	1980	1,089	$135,452.10
☐	3) Missouri Headwaters SP - Building - Latrine	1585 Trident Rd	Three Forks	2004	144	$12,603.15
☐	3) Missouri Headwaters SP - Building - Latrine	1585 Trident Rd	Three Forks	2007	100	$15,120.00
☐	3) Missouri Headwaters SP - Building - Latrine	1585 Trident Rd	Three Forks	2006	77	$14,524.65
☐	3) Missouri Headwaters SP - Building - Latrine ADA	1585 Trident Rd	Three Forks	2004	100	$23,931.60
☐	3) Missouri Headwaters SP - Building - Latrine ADA	1585 Trident Rd	Three Forks	1999	77	$12,527.55
☐	3) Missouri Headwaters SP - Building - Latrine ADA	1585 Trident Rd	Three Forks	2000	100	$12,050.85
☐	3) Missouri Headwaters SP - Building - Log Pump House	1585 Trident Rd	Three Forks	1980	100	$15,065.40
☐	3) Missouri Headwaters SP - Building - Modular Office	1585 Trident Rd	Three Forks	2008	432	$37,726.50
☐	3) Missouri Headwaters SP - Building - Pay Station	1585 Trident Rd	Three Forks	2004	64	$15,865.50
☐	3) Missouri Headwaters SP - Building - Picnic Shelter	1585 Trident Rd	Three Forks	2018	330	$3,332.70
☐	3) Missouri Headwaters SP - Building - Picnic Shelter	1585 Trident Rd	Three Forks	2017	192	$2,010.75

☐	3) Missouri Headwaters SP - Building - Primitive Cabin	1585 Trident Rd	Three Forks	1865	238	$48,951.00
☐	3) Missouri Headwaters SP - Building - Pump house	1585 Trident Rd	Three Forks	1980	120	$18,079.95
☐	3) Missouri Headwaters SP - Building - Storage Shed	1585 Trident Rd	Three Forks	2005	360	$16,971.15
☐	3) Williams Bridge FAS - Building - Latrine ADA	I-90 W of Three Forks, exit 274,	Three Forks	1999	77	$9,576.00
☐	3) Toston FAS - Building - Latrine	Hwy 287, at Toston on the E si	Toston	2015	77	$7,783.65
☐	3) Canyon Ferry WMA - Building - Shed	Hwy 287 W, Hwy 284 E	Townsend	2017	1,920	$88,224.15
☐	3) Canyon Ferry WMA - Building - Shop	Hwy 287 W, Hwy 284 E	Townsend	2020	1,200	$50,592.15
☐	3) Townsend - Building - Boat Shed	39 Centerville Rd	Townsend	1985	528	$26,020.05
☐	3) Townsend - Building - Field Station Mobile Home	39 Centerville Rd	Townsend	1994	784	$33,937.05
☐	3) York Islands FAS - Building - Latrine ADA	4 mi S of Townsend, Hwy 287,	Townsend	1993	77	$5,226.90
☐	3) Notch Bottom FAS - Building - Latrine ADA	4 mi S of Twin Bridges Hwy 41,	Twin Bridges	1988	77	$9,576.00
☐	3) Pennington Bridge FAS - Building - Latrine	4 mi S of Twin Bridges on Hwy	Twin Bridges	1997	77	$9,576.00
☐	4) Dunes FAS - Building - Latrine ADA	51 Whitetail Ln	Ulm	1993	77	$9,576.00
☐	4) First Peoples Buffalo Jump SP - Building - Garage	342 Ulm Vaughn Rd	Ulm	2007	1,200	$129,537.45
☐	4) First Peoples Buffalo Jump SP - Building - Latrine	342 Ulm Vaughn Rd	Ulm	1997	100	$9,576.00
☐	4) First Peoples Buffalo Jump SP - Building - Visitor Center	342 Ulm Vaughn Rd	Ulm	1999	6,516	$2,078,070.75
☐	4) Smith River - Eden Bridge SP - Building - Fee Booth	8 mi S of Ulm on 330	Ulm	1995	120	$13,508.25
☐	4) Smith River - Eden Bridge SP - Building - Latrine w/changing room	8 mi S of Ulm on 330	Ulm	2013	82	$25,933.95
☐	4) Smith River - Eden Bridge SP - Building - Latrine w/changing room	8 mi S of Ulm on 330	Ulm	2013	82	$8,788.50
☐	4) Smith River - Eden Bridge SP - Building - Shed	8 mi S of Ulm on 330	Ulm	2018	120	$5,319.30
☐	4) Ulm Bridge FAS - Building - Latrine	75 Millegan Rd	Ulm	1997	77	$9,576.00
☐	4) Largents Bend FAS - Building - Latrine ADA	536 US Hwy 89	Vaughn	1996	77	$9,576.00
☐	4) Largents Bend FAS - Building - Picnic Shelter	536 US Hwy 89	Vaughn	2019	320	$3,089.10
☐	2) Tucker Crossing FAS - Building - Latrine	3 mi S of Victor Hwy 90	Victor	1999	77	$9,576.00
☐	2) Warm Springs Ponds FAS - Building - Latrine	50 Old Game Farm Rd	Warm Springs	2011	77	$13,408.50
☐	2) Warm Springs Ponds FAS - Building - Latrine	50 Old Game Farm Rd	Warm Springs	2008	77	$6,600.30
☐	2) Warm Springs Ponds FAS - Building - Latrine	50 Old Game Farm Rd	Warm Springs	2011	77	$13,408.50
☐	2) Warm Springs WMA - Building	50 Old Game Farm Rd	Warm Springs	1948	120	$5,514.60
☐	2) Warm Springs WMA - Building	50 Old Game Farm Rd	Warm Springs	1948	120	$5,514.60

☐	2) Warm Springs WMA - Building	50 Old Game Farm Rd	Warm Springs	1948	120	$5,514.60
☐	2) Warm Springs WMA - Building	50 Old Game Farm Rd	Warm Springs	1948	120	$5,514.60
☐	2) Warm Springs WMA - Building - Bin	50 Old Game Farm Rd	Warm Springs	1948	240	$11,028.15
☐	2) Warm Springs WMA - Building - Bin	50 Old Game Farm Rd	Warm Springs	1948	240	$11,028.15
☐	2) Warm Springs WMA - Building - Bin	50 Old Game Farm Rd	Warm Springs	1948	240	$11,028.15
☐	2) Warm Springs WMA - Building - Bunkhouse	50 Old Game Farm Rd	Warm Springs	1948	800	$13,051.50
☐	2) Warm Springs WMA - Building - E Brood Rearing	50 Old Game Farm Rd	Warm Springs	1948	480	$8,017.80
☐	2) Warm Springs WMA - Building - E Brooder House	50 Old Game Farm Rd	Warm Springs	1948	288	$4,809.00
☐	2) Warm Springs WMA - Building - Garage (Front House)	50 Old Game Farm Rd	Warm Springs	1973	672	$41,083.35
☐	2) Warm Springs WMA - Building - Garage/Bathrooms	50 Old Game Farm Rd	Warm Springs	1948	480	$29,348.55
☐	2) Warm Springs WMA - Building - Office/Garage	50 Old Game Farm Rd	Warm Springs	1977	2,160	$23,444.40
☐	2) Warm Springs WMA - Building - Quonset	50 Old Game Farm Rd	Warm Springs	1948	864	$14,662.20
☐	2) Warm Springs WMA - Building - Residence - Back	50 Old Game Farm Rd	Warm Springs	1948	1,560	$105,886.20
☐	2) Warm Springs WMA - Building - Residence - Front	50 Old Game Farm Rd	Warm Springs	1948	2,560	$173,760.30
☐	2) Warm Springs WMA - Building - W Brood Rearing	50 Old Game Farm Rd	Warm Springs	1948	480	$8,017.80
☐	2) Warm Springs WMA - Building - W Brooder House	50 Old Game Farm Rd	Warm Springs	1948	432	$5,631.15
☐	2) Warm Springs WMA - Building - Wood Shop	50 Old Game Farm Rd	Warm Springs	1948	720	$12,218.85
☐	1) Sekokini Springs Hatchery - Building - Isolation	5625 Blankenship Rd	West Glacier	2016	720	$50,095.50
☐	1) Sekokini Springs Hatchery - Building - Office/Dwelling	5625 Blankenship Rd	West Glacier	1960	3,800	$437,518.20
☐	3) Raynold Pass FAS - Building - Latrine ADA	31 mi NW of W Yellowstone H	West Yellowstone	1994	77	$9,576.00
☐	3) Three Dollar Bridge FAS - Building - Latrine	39 mi S of Ennis or 32 mi NW o	West Yellowstone	1999	77	$7,783.65
☐	3) West Yellowstone - Building - Garage & Shop	246 Highway 191	West Yellowstone	1948	1,624	$99,289.05
☐	3) West Yellowstone - Building - Mobile home	246 Highway 191	West Yellowstone	1997	1,368	$50,352.75
☐	3) West Yellowstone - Building - Shed	246 Highway 191	West Yellowstone	1993	180	$82,918.50
☐	4) Fort Logan FAS - Building - Latrine	235 Smith River Rd	White Sulphur Springs	2004	77	$9,207.45
☐	4) Fort Logan FAS - Building - Latrine	235 Smith River Rd	White Sulphur Springs	2004	77	$9,207.45
☐	4) Newlan Creek Reservoir FAS - Building - Latrine	415 Newlan Creek Rd	White Sulphur Springs	2013	77	$8,254.05
☐	4) Newlan Creek Reservoir FAS - Building - Latrine	415 Newlan Creek Rd	White Sulphur Springs	1997	77	$8,254.05
☐	4) Newlan Creek Reservoir FAS - Building - Latrine	415 Newlan Creek Rd	White Sulphur Springs	2006	77	$8,254.05

☐	4) Newlan Creek Reservoir FAS - Building - Latrine ADA	415 Newlan Creek Rd	White Sulphur Springs	2000	77	$9,576.00
☐	4) Newlan Creek Reservoir FAS - Building - Latrine ADA	415 Newlan Creek Rd	White Sulphur Springs	2000	77	$9,576.00
☐	4) Newlan Creek Reservoir FAS - Building - Latrine ADA	415 Newlan Creek Rd	White Sulphur Springs	2000	77	$9,576.00
☐	4) Smith River - Camp Baker SP - Building - Latrine ADA	791 Clear Range Rd	White Sulphur Springs	1999	77	$9,576.00
☐	4) Smith River - Camp Baker SP - Building - Latrine ADA	791 Clear Range Rd	White Sulphur Springs	1999	77	$9,576.00
☐	4) Smith River - Camp Baker SP - Building - Modular Office	791 Clear Range Rd	White Sulphur Springs	2007	432	$57,522.15
☐	4) Smith River - Camp Baker SP - Building - Pole Barn	791 Clear Range Rd	White Sulphur Springs	2010	1,536	$131,667.90
☐	4) Smith River - Camp Baker SP - Building - Prefabricated House	791 Clear Range Rd	White Sulphur Springs	2003	1,160	$131,939.85
☐	1) Les Mason SP - Building - Latrine	2650 E Lakeshore Dr	Whitefish	1989	77	$7,783.65
☐	1) Les Mason SP - Building - Shed	2650 E Lakeshore Dr	Whitefish	2010	120	$5,577.60
☐	1) Pine Grove Pond FAS - Building - Latrine	Intersection of Rose Crossing a	Whitefish	2015	77	$7,783.65
☐	1) Pine Grove Pond FAS - Building - Latrine	Intersection of Rose Crossing a	Whitefish	2011	77	$8,254.05
☐	1) Pine Grove Pond FAS - Building - Picnic Shelter	Intersection of Rose Crossing a	Whitefish	2011	176	$8,254.05
☐	1) Whitefish Lake SP - Building - Comfort Station w/Shower	1615 W Lakeshore Dr	Whitefish	1999	920	$120,259.65
☐	1) Whitefish Lake SP - Building - Pay Station Entrance	1615 W Lakeshore Dr	Whitefish	1990	42	$5,022.15
☐	1) Whitefish Lake SP - Building - Picnic Shelter	1615 W Lakeshore Dr	Whitefish	1990	176	$21,893.55
☐	1) Whitefish Lake SP - Building - Storage Shed	1615 W Lakeshore Dr	Whitefish	1991	240	$5,720.40
☐	1) Whitefish Lake SP - Building -Latrine w/ Pump House	1615 W Lakeshore Dr	Whitefish	1999	160	$20,599.95
☐	3) Kountz Bridge FAS - Building - Latrine	6 mi SW of Whitehall on Count	Whitehall	2004	77	$8,254.05
☐	3) Lewis & Clark Caverns SP - Building - Comfort Station	25 Lewis & Clark Caverns Rd	Whitehall	1995	1,300	$161,696.85
☐	3) Lewis & Clark Caverns SP - Building - Comfort Station w/Shower	25 Lewis & Clark Caverns Rd	Whitehall	1992	1,056	$156,458.40
☐	3) Lewis & Clark Caverns SP - Building - Concession	25 Lewis & Clark Caverns Rd	Whitehall	1992	2,336	$276,544.80
☐	3) Lewis & Clark Caverns SP - Building - Group Use Shelter	25 Lewis & Clark Caverns Rd	Whitehall	2002	620	$77,118.30
☐	3) Lewis & Clark Caverns SP - Building - Latrine	25 Lewis & Clark Caverns Rd	Whitehall	2002	77	$8,254.05
☐	3) Lewis & Clark Caverns SP - Building - Latrine	25 Lewis & Clark Caverns Rd	Whitehall	2005	77	$8,254.05
☐	3) Lewis & Clark Caverns SP - Building - Latrine	25 Lewis & Clark Caverns Rd	Whitehall	2002	77	$8,254.05
☐	3) Lewis & Clark Caverns SP - Building - Latrine	25 Lewis & Clark Caverns Rd	Whitehall	2005	100	$13,952.40
☐	3) Lewis & Clark Caverns SP - Building - Latrine	25 Lewis & Clark Caverns Rd	Whitehall	1936	170	$18,221.70
☐	3) Lewis & Clark Caverns SP - Building - New Pump House	25 Lewis & Clark Caverns Rd	Whitehall	1990	99	$14,915.25

☐	3) Lewis & Clark Caverns SP - Building - Prefab Log Cabin (1)	25 Lewis & Clark Caverns Rd	Whitehall	1993	224	$21,117.60
☐	3) Lewis & Clark Caverns SP - Building - Prefab Log Cabin (2)	25 Lewis & Clark Caverns Rd	Whitehall	1993	224	$21,117.60
☐	3) Lewis & Clark Caverns SP - Building - Prefab Log Cabin (3)	25 Lewis & Clark Caverns Rd	Whitehall	1993	224	$21,117.60
☐	3) Lewis & Clark Caverns SP - Building - Pump House	25 Lewis & Clark Caverns Rd	Whitehall	2014	224	$151,521.30
☐	3) Lewis & Clark Caverns SP - Building - Pumphouse	25 Lewis & Clark Caverns Rd	Whitehall	1993	56	$3,200.40
☐	3) Lewis & Clark Caverns SP - Building - Shade Shelter	25 Lewis & Clark Caverns Rd	Whitehall	2021	320	$2,982.00
☐	3) Lewis & Clark Caverns SP - Building - Shop	25 Lewis & Clark Caverns Rd	Whitehall	2010	960	$351,316.35
☐	3) Lewis & Clark Caverns SP - Building - Storage Shed	25 Lewis & Clark Caverns Rd	Whitehall	1998	66	$3,774.75
☐	3) Lewis & Clark Caverns SP - Building - Storage Shed	25 Lewis & Clark Caverns Rd	Whitehall	1999	66	$3,774.75
☐	3) Lewis & Clark Caverns SP - Building - Storage Shed	25 Lewis & Clark Caverns Rd	Whitehall	2017	160	$7,350.00
☐	3) Lewis & Clark Caverns SP - Building - Ticket Booth	25 Lewis & Clark Caverns Rd	Whitehall	2001	64	$11,920.65
☐	3) Lewis & Clark Caverns SP - Building - Visitor Center 2010	25 Lewis & Clark Caverns Rd	Whitehall	2010	2,692	$785,271.90
☐	3) Lewis & Clark Caverns SP - Building - Visitor Center w/Restroom	25 Lewis & Clark Caverns Rd	Whitehall	1963	1,431	$342,489.00
☐	3) Piedmont Ponds FAS - Building - Latrine	Whitehall take Kountz Bridge R	Whitehall	1996	77	$9,576.00
☐	3) Silver Star FAS - Latrine ADA	15 mi S of Whitehall on Hwy 55	Whitehall	2004	77	$8,254.05
☐	3) Fishtrap Creek FAS - Building - Latrine ADA	23 mi NE of Wisdom on Hwy 4	Wisdom	1999	77	$9,576.00
☐	3) Fishtrap Creek FAS - Building - Latrine ADA	23 mi NE of Wisdom on Hwy 4	Wisdom	1999	77	$9,576.00
☐	3) Sportsmans Park FAS - Building - Latrine	Located on Hwy 43 - 14 mi W o	Wise River	1980	144	$7,946.40
☐	3) Sportsmans Park FAS - Building - Latrine	Located on Hwy 43 - 14 mi W o	Wise River	2008	77	$7,716.45
☐	4) Beartooth WMA - Building - Boys' Dormitory	Exit I-15@Wolf Crk-Missouri Ri	Wolf Creek	1970	812	$26,729.85
☐	4) Beartooth WMA - Building - Bunkhouse	Exit I-15@Wolf Crk-Missouri Ri	Wolf Creek	1970	924	$45,627.75
☐	4) Beartooth WMA - Building - Bunkhouse	Exit I-15@Wolf Crk-Missouri Ri	Wolf Creek	1972	1,120	$25,889.85
☐	4) Beartooth WMA - Building - Cookhouse	Exit I-15@Wolf Crk-Missouri Ri	Wolf Creek	1970	810	$26,665.80
☐	4) Beartooth WMA - Building - Duplex,cabin w/porch	Exit I-15@Wolf Crk-Missouri Ri	Wolf Creek	1993	680	$111,145.65
☐	4) Beartooth WMA - Building - Elkhorn Creek Cabin	Exit I-15@Wolf Crk-Missouri Ri	Wolf Creek	1980	416	$39,612.30
☐	4) Beartooth WMA - Building - Garage	Exit I-15@Wolf Crk-Missouri Ri	Wolf Creek	1976	1,120	$123,092.55
☐	4) Beartooth WMA - Building - Garage Shop & Implement Shop	Exit I-15@Wolf Crk-Missouri Ri	Wolf Creek	1977	2,000	$122,276.70
☐	4) Beartooth WMA - Building - Girls' Dormitory	Exit I-15@Wolf Crk-Missouri Ri	Wolf Creek	1970	812	$26,729.85
☐	4) Beartooth WMA - Building - Guest House 1 /Cook-Dining	Exit I-15@Wolf Crk-Missouri Ri	Wolf Creek	1970	1,118	$75,884.55

DEPARTMENT OF FISH, WILDLIFE & PARKS

☐	4) Beartooth WMA - Building - Horse Barn	Exit I-15@Wolf Crk-Missouri Ri	Wolf Creek	1970	3,128	$60,616.50
☐	4) Beartooth WMA - Building - Latrine	Exit I-15@Wolf Crk-Missouri Ri	Wolf Creek	2010	77	$8,621.55
☐	4) Beartooth WMA - Building - Latrine ADA	Exit I-15@Wolf Crk-Missouri Ri	Wolf Creek	1999	77	$9,576.00
☐	4) Beartooth WMA - Building - Latrine ADA	Exit I-15@Wolf Crk-Missouri Ri	Wolf Creek	1995	77	$9,576.00
☐	4) Beartooth WMA - Building - Latrine ADA	Exit I-15@Wolf Crk-Missouri Ri	Wolf Creek	1999	77	$9,576.00
☐	4) Beartooth WMA - Building - Machine Shop	Exit I-15@Wolf Crk-Missouri Ri	Wolf Creek	1970	520	$29,734.95
☐	4) Beartooth WMA - Building - Main Lodge	Exit I-15@Wolf Crk-Missouri Ri	Wolf Creek	1977	2,700	$190,137.15
☐	4) Beartooth WMA - Building - Pump House (new area)	Exit I-15@Wolf Crk-Missouri Ri	Wolf Creek	1970	48	$7,230.30
☐	4) Beartooth WMA - Building - Pump House (old area)	Exit I-15@Wolf Crk-Missouri Ri	Wolf Creek	1970	48	$7,230.30
☐	4) Beartooth WMA - Building - Quonset Barn	Exit I-15@Wolf Crk-Missouri Ri	Wolf Creek	1994	9,600	$156,631.65
☐	4) Craig FAS - Building - Latrine	133 Frank Dr	Wolf Creek	2002	77	$7,715.40
☐	4) Craig FAS - Building - Latrine	133 Frank Dr	Wolf Creek	2002	77	$8,254.05
☐	4) Lichen Cliff FAS - Building - Latrine	2760 S Recreation Rd	Wolf Creek	1996	77	$9,576.00
☐	4) Prickly Pear FAS - Building - Latrine	3030 S Recreation Rd	Wolf Creek	1996	77	$9,576.00
☐	4) Sterling Ranch Bull Pasture FAS - Building - Latrine	1 plus mi up Beartooth Rd fro	Wolf Creek	2010	77	$8,621.55
☐	4) Sterling Ranch Lone Tree FAS - Building - Latrine	6 mi S of Craig MT on Frontage	Wolf Creek	2010	77	$8,621.55
☐	4) Wolf Creek Bridge FAS - Building - Latrine	1374 Craig Frontage Rd	Wolf Creek	2018	77	$7,424.55
☐	4) Wolf Creek Bridge FAS - Building - Latrine	1374 Craig Frontage Rd	Wolf Creek	2018	77	$7,423.50
☐	6) Lewis & Clark FAS - Building - Latrine ADA	6 mi SW of Wolf Point - Hwy 13	Wolf Point	2002	77	$11,669.70
☐	6) Lewis & Clark FAS - Building - Latrine ADA	6 mi SW of Wolf Point - Hwy 13	Wolf Point	2002	77	$11,669.70
☐	5) Bundy Bridge FAS - Building - Latrine	2976 N 29th Rd	Worden	2006	77	$9,207.45
☐	5) Gritty Stone FAS - Building - Latrine ADA	.5mi W of Worden Hwy 312, N	Worden	1991	77	$9,576.00
☐	5) Voyagers Rest FAS - Building - Latrine ADA	2999 N 18th Rd	Worden	1998	77	$9,576.00
DEPARTMENT OF FISH, WILDLIFE & PARKS: 1298 Buildings			**TOTAL SQ FT:**	**911,346**	**TOTAL CRV:**	**$113,864,318.40**

DEPARTMENT OF JUSTICE

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	MHP-LOST CREEK MICROWAVE TOWER	923 W 5th St	Anaconda		-00	$80.85
☐	MHP - Jette Lake County Microwave Tower	2 miles SE of Big Arm	Big Arm		-00	$0.00
☑	Administration bldg 7	18 Trooper Dr	Boulder	1996	8,099	$1,485,415.05
☑	ATF	18 Trooper Dr	Boulder	1996	4,974	$1,059,688.35
☑	Bldg 1	18 Trooper Dr	Boulder	1996	3,362	$199,672.20
☑	Bldg 100 (historic)	18 Trooper Dr	Boulder	1896	17,988	$443,237.55
☑	BLDG 2	18 Trooper Dr	Boulder	1996	3,362	$199,672.20
☑	BLDG 3	18 Trooper Dr	Boulder	1996	4,041	$239,997.45
☑	BLDG 4	18 Trooper Dr	Boulder	1996	4,041	$239,997.45
☑	BLDG 5	18 Trooper Dr	Boulder	1996	4,653	$276,344.25
☑	BLDG 6	18 Trooper Dr	Boulder	1996	4,653	$276,344.25
☑	Chapel	18 Trooper Dr	Boulder	2003	3,043	$213,466.05
☑	Equipment Storage 36A	18 Trooper Dr	Boulder	1945	1,428	$24,229.80
☑	Industries/Heating bldg 9	18 Trooper Dr	Boulder	1996	8,437	$1,494,452.40
☑	Maintenance Shop BLDG 11	18 Trooper Dr	Boulder	1996	7,668	$897,899.10
☑	Nutrition/Distribution BLDG 10A-10B	18 Trooper Dr	Boulder	1990	8,689	$1,253,255.85
☑	Recreation 102	18 Trooper Dr	Boulder	1950	21,357	$4,266,218.25
☑	STORAGE QUONSET 20A	18 Trooper Dr	Boulder	1945	1,197	$20,313.30
☑	Storage Quonset 20b	18 Trooper Dr	Boulder	1945	1,197	$20,313.30
☑	Treatment BLDG 8	18 Trooper Dr	Boulder	1996	16,000	$2,640,082.20
☑	Warehouse Storage 20	18 Trooper Dr	Boulder	1955	6,405	$507,562.65
☑	Butte Justice Center	3615 Wynn Ave	Butte	2014	18,808	$4,061,671.95
☐	MHP - FLEECER MICROWAVE TOWER	Butte Silverbow County	Butte		-00	$0.00
☐	MHP storage garage Butte Justice Center	3615 Wynn Ave	Butte	2019	1,200	$0.00
☐	MHP - Sullivan A Microwave Tower	15 miles W of Cascade	Cascade		-00	$0.00
☐	MHP - Sullivan Microwave Tower	235 Mission Rd	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
☐	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 MT-16	Glendive	1975	1,536	$226,940.70
☐	MHP - Highway Patrol, Glendive - Garage	76 MT-16	Glendive		660	$32,523.75
☐	MHP Glendive Evidence Storage Building	304 Colorado Blvd	Glendive	2021	7,920	$4,246,922.40
☐	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 Ave	Helena		-00	$0.00
☐	MHP - Spare Parts 2 Microwave Tower	3136 E Lyndale Ave	Helena		-00	$0.00
☐	MHP - Spare Parts 3 Microwave Tower	3136 E Lyndale Ave	Helena		-00	$0.00
☐	MHP - Spare Parts 4 Microwave Tower	3136 E Lyndale Ave	Helena		-00	$0.00
☐	MHP-L & C County micro towers parts	3136 E Lyndale Ave	Helena		-00	$0.00
☐	MHP-VARIOUS PARTS FOR MICROWAVES	3136 E Lyndale Ave	Helena		-00	$0.00
☑	MLEA - Aspen Cottage	2260 Sierra Rd E	Helena	1926	7,888	$744,557.10
☑	MLEA - Cafeteria	2260 Sierra Rd E	Helena	1960	3,650	$674,093.70
☑	MLEA - Clinic Building	2260 Sierra Rd E	Helena	1969	2,016	$246,304.80
☑	MLEA - Cottonwood Cottage	2260 Sierra Rd E	Helena	1960	7,260	$840,684.60
☑	MLEA - Employee's Cottage	2260 Sierra Rd E	Helena	1940	1,250	$41,151.60
☑	MLEA - Four-Stall Garage	2260 Sierra Rd E	Helena	1950	1,056	$17,916.15

DEPARTMENT OF JUSTICE

☑	MLEA - Gymnasium	2260 Sierra Rd E	Helena	1926	8,764	$821,459.10
☑	MLEA - Maple Cottage No. 2	2260 Sierra Rd E	Helena	1920	15,665	$2,728,033.35
☑	MLEA - Pedestrian Bridge	2260 Sierra Rd E	Helena	2021	480	$253,602.30
☑	MLEA - Pump House	2260 Sierra Rd E	Helena	1940	506	$76,236.30
☑	MLEA - School Building & Administration	2260 Sierra Rd E	Helena	1920	13,321	$2,405,257.05
☑	MLEA - Sewage Pump House	2260 Sierra Rd E	Helena		160	$24,104.85
☑	MLEA - Shop - Maintenance & Repair	2260 Sierra Rd E	Helena	1969	2,446	$149,547.30
☑	MLEA - Spruce Cottage	2260 Sierra Rd E	Helena	1920	12,932	$2,204,618.85
☑	MLEA - Water Tank & Tower	2260 Sierra Rd E	Helena	1950	-00	$531,291.60
☑	MLEA Storage Garage	2260 Sierra Rd E	Helena	2019	3,000	$127,111.95
☑	MLEA Training Facility	2260 Sierra Rd E	Helena	2010	15,500	$4,637,971.80
☐	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	45-50-22.44 N 106-54-18.97W	Miles City		-00	$291,960.90
☑	FSD - Forensics, Missoula	2679 Palmer St	Missoula	1999	31,145	$8,090,829.60
☐	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: 84 Buildings			**TOTAL SQ FT:**	**287,757**	**TOTAL CRV:**	**$49,233,034.20**

DEPARTMENT OF LABOR & INDUSTRY

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	Billings UI Phone Claims	624 N 24th St	Billings	1958	13,200	$2,194,435.95
☐	Bozeman Job Service	121 N Willson Ave	Bozeman	1973	8,181	$1,306,899.30
☐	Butte Job Service	2201 White Blvd	Butte	2000	7,000	$1,113,701.40
☐	Glendive Job Service	211 S Kendrick Ave	Glendive	1960	1,500	$207,722.55
☐	Glendive Job Service Storage Shed	211 S Kendrick Ave	Glendive		67	$3,448.20
☐	Great Falls Job Service	1018 7th St S	Great Falls	1971	18,576	$3,093,460.65
☐	Havre Job Service	160 1st Ave	Havre	2000	3,804	$494,379.90
☐	Havre Job Service Storage Shed	160 1st Ave	Havre		68	$3,351.60
☐	Helena Job Service	715 Front St	Helena	1974	9,400	$2,073,997.80
☐	Kalispell Job Service	427 1st Ave E	Kalispell	1956	8,720	$1,795,995.60
☐	Miles City Job Service	12 N 10th St	Miles City	1959	3,000	$415,449.30
☐	Missoula Job Service	539 S 3rd St W	Missoula	1972	9,700	$1,257,388.65
☐	Polson Job Service #1	417B Main St	Polson	1982	2,300	$318,511.20
DEPARTMENT OF LABOR & INDUSTRY: 13 Buildings			**TOTAL SQ FT:**	**85,516**	**TOTAL CRV:**	**$14,278,742.10**

DEPARTMENT OF MILITARY AFFAIRS

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	Anaconda Armory	101 N Polk St	Anaconda	1970	8,817	$1,872,282.30
☐	Anaconda P.O.L.	102 N Polk St	Anaconda		192	$10,979.85
☑	Belgrade Haz. Waste Storage	350 Airport Rd	Belgrade		78	$1,325.10
☐	Belgrade Organizational Maintenance Shop	350 Airport Rd	Belgrade	1991	10,218	$1,198,293.60
☑	Belgrade Storage	350 Airport Rd	Belgrade	1991	1,000	$57,186.15
☐	Belgrade Storage	350 Airport Rd	Belgrade	2003	3,000	$122,675.70
☐	Belgrade Storage	350 Airport Rd	Belgrade	2003	120	$4,906.65
☑	Gallatin Readiness Center	350 Airport Rd	Belgrade	2003	50,132	$11,168,893.05
☑	Billings AFRC	2915 Gabel Rd	Billings	1999	132,964	$26,396,404.65
☐	Billings Haz Waste Storage (AFRC)	2915 Gabel Rd	Billings	1999	96	$3,925.95
☐	Billings Haz Waste Storage (OMS)	5043 Neibauer Ln	Billings		221	$9,038.40
☐	Billings Haz. Waste Storage	5043 Neibauer Ln	Billings	1994	78	$1,325.10
☑	Billings Indoor Range (MIRF)	5043 Neibauer Ln	Billings	1988	6,881	$459,669.00
☐	Billings OMS Storage	5043 Neibauer Ln	Billings	1990	1,000	$57,186.15
☐	Billings OMS-6, Bay Addition	5043 Neibauer Ln	Billings	1990	1,000	$57,186.15
☐	Billings Organizational Maintenance Shop	5043 Neibauer Ln	Billings	1988	8,603	$1,087,699.20
☐	Billings Storage (AFRC)	2915 Gabel Rd	Billings		4,000	$163,566.90
☑	Billings Supply	5043 Neibauer Ln	Billings	1988	200	$11,781.00
☐	Butte Armory	600 Gilman St	Butte	2000	12,873	$2,831,110.80
☐	Butte Armory Annex	600 Gilman St	Butte	2000	4,189	$750,325.80
☐	Butte Armory Supply	600 Gilman St	Butte	1988	400	$22,873.20
☐	Butte Maintenance Shop	600 Gilman St	Butte	1977	4,078	$249,323.55
☐	Butte P.O.L.	600 Gilman St	Butte		132	$7,549.50
☐	Butte Readiness Center Hazardous Material Storage	600 Gilman St	Butte	2008	128	$6,891.15
☑	Culbertson Armory	819 6th Ave E	Culbertson	1980	15,771	$4,015,691.40
☑	Culbertson Flammable Storage	820 6th Ave E	Culbertson		196	$3,325.35
☑	Culbertson Haz. Waste Storage	821 6th Ave E	Culbertson		78	$1,325.10
☐	Culbertson OMS	821 6th Ave E	Culbertson	1990	8,531	$1,031,671.20

DEPARTMENT OF MILITARY AFFAIRS

☐	Culbertson OMS Storage	819 6th Ave E	Culbertson		1,000	$57,186.15
☐	Culbertson Organizational Shop No. 4	819 6th Ave E	Culbertson	1980	1,944	$118,851.60
☑	Culbertson P.O.L.	821 6th Ave E	Culbertson		192	$10,979.85
☑	Dillon RC Vehicle Storage		Dillon	2006	4,740	$492,292.00
☑	Dillon Readiness Center	1070 MT-41	Dillon	2000	28,107	$6,217,233.75
☑	Dillon Storage	1070 MT-41	Dillon	2006	3,200	$130,854.15
☐	Committal Shelter	3550 Heroes Rd	Fort Harrison	2014	900	$50,855.70
☑	DES Mobile Command Post Storage	1956 Mt Majo St	Fort Harrison	2008	1,080	$300,720.00
☑	CFMO Building P1007		Ft Harrison	1991	10,900	$7,561,189.00
☑	FTH Building 517		Ft Harrison	1963	24,729	$15,004,716.00
☑	FTH Building P1010		Ft Harrison	1995	4,477	$2,407,949.00
☑	FTH Cold Storage Warehouse (DES Licensed portion) Building 01002		Ft Harrison	1984	21,538	$8,570,343.00
☑	Helena 1049th Armory	2199 Williams St	Ft Harrison		2,384	$352,228.80
☑	Helena Haz. Waste Storage	2177 Williams St	Ft Harrison		78	$1,325.10
☐	Helena OMS	2177 Williams St	Ft Harrison	1971	20,589	$5,242,474.65
☐	Helena OMS Storage	2177 Williams St	Ft Harrison		300	$5,089.35
☐	Maint Bldg - Cemetery (A/E93-33-11)	1892 Williams St	Ft Harrison	1994	2,644	$161,651.70
☑	Womack Armory	Womack Bldg	Ft Harrison	1971	20,747	$3,539,359.95
☐	Glasgow Armory	81 Airport Rd	Glasgow	1970	8,669	$1,187,815.65
☐	Glasgow Armory Supply	81 Airport Rd	Glasgow	1988	500	$28,593.60
☐	Glasgow Multi-Purp Indoor Range Facility	81 Airport Rd	Glasgow	1992	6,538	$738,141.60
☐	Glasgow P.O.L.	81 Airport Rd	Glasgow		192	$10,979.85
☐	Glasgow Storage Building	81 Airport Rd	Glasgow	2009	80	$3,270.75
☑	Great Falls AFRC		Great Falls	2002	44,630	$9,899,567.00
☑	Great Falls Haz Storgae		Great Falls	2002	167	$33,042.00
☑	Great Falls Org Storage		Great Falls	2002	2,000	$242,122.00
☑	Havre Armory Annex	1050 2nd St W	Havre	1985	4,159	$614,481.00
☑	Havre Reserve Center	1050 2nd St W	Havre	1970	22,660	$5,198,314.80
☑	HARC Access Control Building East		Helena	2017	480	$550,998.00

☑	HARC Haz Materials #5		Helena	2017	300	$240,861.00
☑	HARC Maintenance Training Bays		Helena	2016	9,596	$3,713,415.00
☑	HARC Org Storage		Helena	2001	16,025	$7,293,024.00
☑	HARC Vehicle Storage Shed		Helena	2017	18,000	$1,870,225.00
☑	HARC Vehicle storage Shed #2		Helena	2017	12,254	$1,273,207.00
☑	Helena Armed Forces Reserve Center (HAFRC)		Helena	2001	192,890	$109,230,256.00
☑	Helena Aviation Readiness Center (HARC)		Helena	1995	98,227	$52,831,279.00
☑	Kalispell AFRC	2989 US-93	Kalispell	2005	50,362	$13,303,923.15
☑	Kalispell AFRC Fire Pump Building	2989 US-93	Kalispell	2005	872	$509,062.05
☑	Kalispell AFRC Storage	2989 US-93	Kalispell	2005	4,637	$339,377.85
☑	Kalispell Haz. Waste Storage	2989 US-93	Kalispell		78	$1,325.10
☐	Kalispell OMS Storage	2989 US-93	Kalispell		1,000	$57,186.15
☐	Kalispell Organizational Maint Shop No. 2	2989 US-93	Kalispell	1989	9,688	$1,088,155.95
☐	Lewistown Armory	190 Armory Rd	Lewistown	1960	9,712	$1,080,128.70
☐	Lewistown P.O.L.	190 Armory Rd	Lewistown		192	$10,979.85
☑	Libby Armory	1004 Treasure Ave	Libby	1990	19,260	$4,923,492.00
☑	Livingston Armory	24 Fleshman Creek Rd	Livingston	1991	15,851	$2,518,090.05
☑	Malta Readiness Center (New)	509 S 10th Ave	Malta	2020	32,921	$15,535,951.20
☑	Malta Repair Bays (New)	509 S 10th Ave	Malta		8,600	$3,243,925.65
☑	Flammable Storage Facility Miles City	1020 N Haynes Ave	Miles City	2015	392	$316,747.20
☑	Haz Material Storage	1020 N Haynes Ave	Miles City	2014	292	$11,939.55
☐	Maint Bldg - Cemetery Miles City	Highway 59 & Cemetery Rd	Miles City	2001	2,425	$148,261.05
☑	Miles City Readiness Center	1020 N Haynes Ave	Miles City	2015	31,721	$16,872,520.35
☑	National Guard Covered Vehicle Storage Miles City	1020 N Haynes Ave	Miles City	2015	18,914	$897,310.05
☑	National Guard Maintenance Training Building Miles City	1	Miles City	2015	3,086	$950,243.70
☑	National Guard Unheated Storage Miles City	1020 N Haynes Ave	Miles City	2015	3,701	$274,373.40
☑	Missoula Armed Forces Reserve Center	9383 Running W Rd	Missoula	2010	65,932	$18,699,417.45
☑	Missoula Armed Forces Reserve Center AMSA/OMS SHOP	9407 Running W Rd	Missoula	2010	13,293	$3,450,986.70
☑	Missoula Armed Forces Reserve Center Cold Storage	9407 Running W Rd	Missoula	2010	5,530	$291,373.95

DEPARTMENT OF MILITARY AFFAIRS

☐	Western Mt State Veterans Cemetery Admin	1911 Tower Rd	Missoula	2008	2,015	$262,635.45
☐	Western MT State Veterans Cemetery Rest Rooms	1911 Tower Rd	Missoula	2008	298	$26,710.95
☐	Western MT State Veterans Cemetery Shop	1911 Tower Rd	Missoula	2008	2,171	$124,929.00
DEPARTMENT OF MILITARY AFFAIRS: 89 Buildings				**TOTAL SQ FT:**	**1,164,835**	**TOTAL CRV:** **$381,728,351.45**

DEPARTMENT OF NATURAL RESOURCES

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Anaconda Bunkhouse	1300 Maguire Rd	Anaconda		288	$9,479.40
☑	Anaconda Cookhouse	1300 Maguire Rd	Anaconda		288	$9,479.40
☑	Anaconda Frame Storage Shed #1	1300 Maguire Rd	Anaconda		224	$3,803.10
☑	Anaconda Log Storage Shed	1300 Maguire Rd	Anaconda		864	$14,662.20
☑	Anaconda Office & Shop	1300 Maguire Rd	Anaconda		3,180	$440,373.15
☑	Anaconda Oil House	1300 Maguire Rd	Anaconda		128	$7,319.55
☑	Anaconda Storage Garage	1300 Maguire Rd	Anaconda		570	$26,191.20
☑	Saddle Mountain Lookout	Saddle Mountain	Anaconda	1941	300	$9,875.25
☑	Swan Lake Bunkhouse	34925 MT-83	Bigfork		1,242	$40,885.95
☑	Swan Lake Fire Cache & Shop	34925 MT-83	Bigfork		1,680	$102,712.05
☑	Swan Lake Fuel Shed	34925 MT-83	Bigfork		563	$9,549.75
☑	Swan Lake Log Conference Room	34925 MT-83	Bigfork		561	$33,316.50
☑	Swan Lake LOWER Parking Structure	34925 MT-83	Bigfork	2015	2,800	$162,769.95
☑	Swan Lake Lumber Shed	34925 MT-83	Bigfork		1,365	$78,058.05
☑	Swan Lake Napa Lookout	Napa Point Rd	Bigfork		300	$9,875.25
☑	Swan Lake Old Fire Ready/Carpenter Shop	34925 MT-83	Bigfork		3,926	$224,506.80
☑	Swan Lake Open Main Parking Structure	34925 MT-83	Bigfork		2,289	$29,832.60
☑	Swan Lake Pump House	34925 MT-83	Bigfork		120	$18,079.95
☑	Swan Lake Residence Garage	34925 MT-83	Bigfork		864	$54,407.85
☑	Swan Lake Shower Rooms	34925 MT-83	Bigfork		520	$17,120.25
☑	Swan Lake Snowmobile Storage	34925 MT-83	Bigfork		460	$26,305.65
☑	Swan Lake Superintendent's Residence	34925 MT-83	Bigfork		1,692	$100,490.25
☑	Swan Lake Unit Office	34925 MT-83	Bigfork		1,632	$226,004.10
☑	BOGC Field Office-Billings	2535 St John Ave	Billings	1978	14,886	$1,280,635.65
☑	WRD Painted Rocks Gate House	W. Fork, Bitteroot Project	Conner		346	$32,949.00
☐	Emigrant Center Pivot	South of Emigrant SW 1/4 of se	Emigrant		1	$0.00
☑	Garrison Bunkhouse	3151 US-12	Garrison		2,688	$88,485.60
☑	Garrison Office & Fire Cache	3151 US-12	Garrison		2,100	$290,812.20

DEPARTMENT OF NATURAL RESOURCES

☑	Garrison Pump House	3151 US-12	Garrison		42	$2,403.45
☑	Garrison Radio Bldg (Rocky Ridge)	Rocky Ridge	Garrison		400	$38,094.00
☑	Garrison Storage Building	3151 US-12	Garrison		100	$4,647.30
☑	Garrison Storage Lean-To	3151 US-12	Garrison		100	$4,647.30
☐	NELO Glasgow Unit Storage	224 6th St S	Glasgow	2021	168	$6,871.20
☑	Clearwater Administrative Office	48455 South Sperry Grade Rd	Greenough	1983	1,500	$172,332.30
☑	Clearwater Bunkhouse #1-Log	48455 South Sperry Grade Rd	Greenough	1983	1,400	$29,626.80
☑	Clearwater Bunkhouse #2-Trailer	48455 South Sperry Grade Rd	Greenough		840	$116,323.20
☑	Clearwater Engine Bay Lean-To	48455 South Sperry Grade Rd	Greenough	1991	1,200	$60,865.35
☑	Clearwater Fire Cache-Office-Dispatch	48455 South Sperry Grade Rd	Greenough	2007	2,800	$153,960.45
☑	Clearwater Garage & Shop	48455 South Sperry Grade Rd	Greenough		628	$38,396.40
☑	Clearwater Oil Shed	48455 South Sperry Grade Rd	Greenough		121	$2,051.70
☑	Clearwater Pump House	48455 South Sperry Grade Rd	Greenough		64	$9,644.25
☑	Clearwater Storage Garage	48455 South Sperry Grade Rd	Greenough	1990	500	$23,720.55
☑	Clearwater Storage Hot House	48455 South Sperry Grade Rd	Greenough	1990	100	$4,744.95
☑	Clearwater Storage Shed	48455 South Sperry Grade Rd	Greenough	1998	200	$11,436.60
☑	Clearwater Storage/Lean-to	48455 South Sperry Grade Rd	Greenough	2008	800	$37,953.30
☑	Clearwater Unit Manager's House	48455 South Sperry Grade Rd	Greenough	1983	4,662	$508,357.50
☑	NELO Havre Unit	210 6th Ave	Havre		66	$2,782.50
☑	CLO Bunkhouse (7975A)	8001 N Montana Ave	Helena		300	$9,875.25
☑	CLO Cold Storage (8001F)	8001 N Montana Ave	Helena	1991	2,200	$125,805.75
☑	CLO Equipment Storage (8001E)	8001 N Montana Ave	Helena	1973	2,400	$137,242.35
☑	CLO Fire Management Building (8001B)	8001 N Montana Ave	Helena	1991	1,665	$230,572.65
☑	CLO Helena Interagency Dispatch (8001D)	8001 N Montana Ave	Helena	2011	1,400	$167,083.35
☑	CLO Helibase Pilot Shack (8001I)	8001 N Montana Ave	Helena		120	$5,916.75
☑	CLO Helitack Equipment Storage (8001G)	8001 N Montana Ave	Helena		160	$7,883.40
☑	CLO Helitack Operations Mobile Office (8001H)	8001 N Montana Ave	Helena	1998	320	$38,188.50
☑	CLO Mechanic Shop & Fire Cache (8001J)	8001 N Montana Ave	Helena	1991	5,000	$315,286.65
☑	CLO New Area Office (8001A)	8001 N Montana Ave	Helena	2010	7,790	$1,650,518.10

DEPARTMENT OF NATURAL RESOURCES

☑	CLO Old Area Office (8001C)	8001 N Montana Ave	Helena	1991	2,000	$266,314.65
☑	CLO Seasonal Housing Mobile Home (7975B)	7975 N Montana Ave	Helena	2010	896	$28,419.30
☑	CLO Seasonal Housing Mobile Home (7975C)	7975 N Montana Ave	Helena	2010	896	$28,419.30
☑	CLO Storage	8001 N Montana Ave	Helena		300	$17,152.80
☑	CLO Storage Shed	8001 N Montana Ave	Helena		120	$5,916.75
☑	CLO Well & Pump House	8001 N Montana Ave	Helena		120	$6,862.80
☑	Rogers Mountain Lookout	Rogers Mountain	Helena		300	$9,875.25
☑	NWLO Fire Cache	655 Timberwolf Parkway, Suite	Kalispell	2009	5,285	$1,087,805.25
☑	NWLO Helicopter Hanger	A-8 Ryan Ln	Kalispell	2006	3,600	$223,434.75
☑	NWLO Meadow Peak Lookout	Meadow Peak	Kalispell		300	$9,875.25
☑	NWLO Office Building	655 Timberwolf Pkwy	Kalispell	2009	16,560	$3,444,936.60
☑	NWLO Radio Transmitter Cabin (Big Mountain)	Big Mountian	Kalispell		120	$2,035.95
☑	NWLO Seedling Cooler / Storage Building	655 Timberwolf Pkwy	Kalispell	2010	2,272	$219,183.30
☑	NELO Engine Shelter	131 Horizon Dr	Lewistown	2011	1,800	$94,841.25
☑	Calx Mountain Lookout	Calx Mountain	Libby		300	$14,624.40
☑	Libby Bunkhouse	177 State Lands Office Rd	Libby		2,000	$146,237.70
☑	Libby Oil House	177 State Lands Office Rd	Libby		104	$11,698.05
☑	Libby OU3 Storage Shed	177 State Lands Office Rd	Libby	2013	375	$17,428.95
☑	Libby Residence	177 State Lands Office Rd	Libby		1,536	$175,485.45
☑	Libby Shop Fire Cache	177 State Lands Office Rd	Libby		1,800	$146,237.70
☑	Libby Unit Office	177 State Lands Office Rd	Libby	1965	2,688	$346,193.40
☑	Libby Vehicle Storage Shed	177 State Lands Office Rd	Libby		1,825	$31,275.30
☑	Libby Vehicle Storage Shed	177 State Lands Office Rd	Libby	2018	1,120	$50,481.90
☑	Libby Vehicle Storage Shed	177 State Lands Office Rd	Libby		2,100	$31,275.30
☑	Libby Water Pump House	177 State Lands Office Rd	Libby		42	$2,403.45
☑	NWLO Calx Mountain Radio Building	Calx Mountain	Libby		200	$36,559.95
☑	Lincoln Engine Bay Lean-To	355 Sucker Creek Rd	Lincoln	2000	1,200	$60,865.35
☑	Lincoln Fire Cache	355 Sucker Creek Rd	Lincoln	1995	380	$18,028.50
☑	Lincoln Office	355 Sucker Creek Rd	Lincoln	2000	1,456	$201,630.45

DEPARTMENT OF NATURAL RESOURCES

☑	Lincoln Oil House	355 Sucker Creek Rd	Lincoln		100	$5,720.40
☑	Lincoln Shop	355 Sucker Creek Rd	Lincoln		1,000	$57,186.15
☑	NWLO Marion Bunkhouse-Office	1700 Pleasant Valley Rd	Marion	1987	2,688	$372,240.75
☑	NWLO Marion Office-Fire cache	1700 Pleasant Valley Rd	Marion		2,016	$115,285.80
☐	Tongue River Ranch- Barn	3 Miles N of MM 20, Hwy 332	Miles City	1982	1,800	$23,492.70
☐	Tongue River Ranch- Center Pivot	3 Miles N of MM 20, Hwy 332	Miles City		1	$281,942.85
☐	Tongue River Ranch- Home	3 Miles N of MM 20, Hwy 332	Miles City	1928	884	$161,541.45
☐	Tongue River Ranch- Quonset	3 Miles N of MM 20, Hwy 332	Miles City	1985	960	$18,798.15
☐	Tongue River Ranch- Shop	3 Miles N of MM 20, Hwy 332	Miles City	1983	7,500	$195,795.60
☑	Forest Management Bureau Office Building	2823 Spurgin Rd	Missoula		3,640	$281,394.75
☑	Forest Management Vehicle Structure	2823 Spurgin Rd	Missoula	2019	1,440	$65,230.20
☑	Forestry Campus Maintenance Shop	2823 Spurgin Rd	Missoula		860	$47,348.70
☑	Forestry EDC Insulated Container #1	3125 Spurgin Rd	Missoula		288	$12,141.15
☑	Forestry EDC Insulated Container #2	3125 Spurgin Rd	Missoula		288	$12,141.15
☑	Forestry EDC Insulated Container #3	3125 Spurgin Rd	Missoula		288	$12,141.15
☑	Forestry EDC Insulated Container #4	3125 Spurgin Rd	Missoula		288	$12,141.15
☑	Forestry EDC Shop	3125 Spurgin Rd	Missoula	1975	8,750	$366,561.30
☑	Forestry EDC Storage Warehouse	3125 Spurgin Rd	Missoula		11,250	$500,365.95
☑	Forestry FAB Storage Shed	2823 Spurgin Rd	Missoula		1,110	$18,837.00
☑	Forestry File Storage Building	2823 Spurgin Rd	Missoula		340	$5,770.80
☑	Forestry Headquarters	2705 Spurgin Rd	Missoula	1964	13,354	$3,397,162.65
☑	Forestry IT Building	2775 Spurgin Rd	Missoula	2014	1,750	$196,973.70
☑	Forestry IT Building Garage	2775 Spurgin Rd	Missoula		460	$21,382.20
☑	Forestry Mechanic Shop	2823 Spurgin Rd	Missoula	2018	3,220	$457,183.65
☑	Forestry-Carport 12 Space	2705 Spurgin Rd	Missoula	2016	2,378	$117,117.00
☑	Forestry-Carport 6 Space	2705 Spurgin Rd	Missoula	2016	1,189	$58,557.45
☐	GNA Storage Shed	2705 Spurgin Rd	Missoula	2021	200	$8,178.45
☐	GNA Storage Shed	2705 Spurgin Rd	Missoula	2021	200	$8,178.45
☑	Missoula Helicopter Hanger	3150 Maverick Ln	Missoula	2010	3,024	$207,858.00

DEPARTMENT OF NATURAL RESOURCES

☑	Missoula Radio Building (Mount Sentinel)	Mt. Sentinel	Missoula		36	$19,044.90
☑	Missoula Snowmobile Storage Shed	3206 Maverick Ln	Missoula	2010	650	$43,785.00
☑	Missoula Storage Shed	3206 Maverick Ln	Missoula	2010	100	$18,765.60
☑	Missoula Unit Fire Cache	3206 Maverick Ln	Missoula		1,192	$218,929.20
☑	Missoula Unit Gas & Oil House	3206 Maverick Ln	Missoula		110	$31,275.30
☑	Missoula Unit Office	3206 Maverick Ln	Missoula		2,800	$594,234.90
☐	Missoula Unit Pole Barn	3206 Maverick Ln	Missoula	2021	1,800	$72,804.90
☑	Missoula Unit Shop & Garage	3206 Maverick Ln	Missoula	2001	660	$218,929.20
☐	Nursery Block Barn	2823 Spurgin Rd	Missoula		120	$6,862.80
☑	Nursery Breakroom and Shed	2823 Spurgin Rd	Missoula		1,256	$61,870.20
☐	Nursery Cold Storage	2823 Spurgin Rd	Missoula		828	$47,348.70
☐	Nursery Cooler Building w/2 Coolers	2823 Spurgin Rd	Missoula		2,240	$138,387.90
☐	Nursery Equipment Storage	2823 Spurgin Rd	Missoula		2,400	$40,724.25
☐	Nursery Fertilizer Building Area	2823 Spurgin Rd	Missoula		200	$5,517.75
☐	Nursery Greenhouse (A/E 91-46-02)	2823 Spurgin Rd	Missoula		4,320	$140,970.90
☐	Nursery Greenhouse Complex	2823 Spurgin Rd	Missoula	1991	13,200	$368,222.40
☐	Nursery Irrigation Pipe Shed	2823 Spurgin Rd	Missoula	2004	1,800	$66,249.75
☑	Nursery Office	2823 Spurgin Rd	Missoula	1991	2,874	$360,055.50
☑	Nursery Packing Shed	2823 Spurgin Rd	Missoula	1965	2,775	$154,398.30
☑	Nursery Pump House & Pump No. 2	2823 Spurgin Rd	Missoula		99	$14,915.25
☑	Nursery Quonset Shop	2823 Spurgin Rd	Missoula		1,995	$34,211.10
☐	Nursery Storage Shed 1	2823 Spurgin Rd	Missoula		80	$3,388.35
☐	Nursery Storage Shed 2	2823 Spurgin Rd	Missoula		192	$8,135.40
☐	Nursery Storage Shed 2	2823 Spurgin Rd	Missoula		192	$8,135.40
☐	Nursery Storage Shed with Chemical Room	2823 Spurgin Rd	Missoula		1,200	$68,621.70
☐	Nursery Tractor Shed	2823 Spurgin Rd	Missoula		800	$48,912.15
☑	Pump House & Pump No. 1 Inventory Area	2775 Spurgin Rd	Missoula		90	$13,559.70
☑	SWLO Area Office	1401 27th Ave	Missoula	1972	4,964	$617,492.40
☑	SWLO Compound Bldg	1401 27th Ave	Missoula	2004	1,200	$5,720.40

DEPARTMENT OF NATURAL RESOURCES

☑	SWLO Helibase Office	3150 Maverick Ln	Missoula	1998	4,300	$494,019.75
☑	SWLO New Paint Shed	1401 27th Ave	Missoula	1998	120	$1,566.60
☑	SWLO Oil House	1401 27th Ave	Missoula		200	$11,436.60
☐	Union Peak Lookout	Union Peak	Missoula	1998	320	$5,431.65
☐	Vehicle Structure	2823 Spurgin Rd	Missoula	2019	1,440	$65,230.20
☑	WRD Missoula WRO	2705 Spurgin Rd	Missoula	1972	4,470	$629,205.15
☑	Stillwater Bathhouse	7425 US-93	Olney	1955	672	$22,120.35
☑	Stillwater Bunkhouse/Fire Office	7425 US-93	Olney	1938	1,134	$37,329.60
☑	Stillwater Fire Cache	7425 US-93	Olney	1928	627	$10,639.65
☑	Stillwater Gas Pump Shelter	7425 US-93	Olney	1930	96	$14,462.70
☑	Stillwater Office	7425 US-93	Olney	1922	1,700	$235,421.55
☑	Stillwater Office Annex "Cookhouse"	7425 US-93	Olney	1955	1,272	$176,149.05
☑	Stillwater Oil House	7425 US-93	Olney	1940	182	$3,088.05
☑	Stillwater Open Equipment Shelter	7425 US-93	Olney	1965	2,028	$26,428.50
☑	Stillwater Open Propane Tank Shelter	7425 US-93	Olney	1965	168	$2,190.30
☑	Stillwater Open Shelter for Garbage	7425 US-93	Olney	1965	81	$1,055.25
☑	Stillwater Residence	7425 US-93	Olney	1928	1,195	$70,973.70
☑	Stillwater Residential Garage	7425 US-93	Olney	1931	700	$42,798.00
☑	Stillwater Residential Utility Building	7425 US-93	Olney	1955	260	$4,412.10
☑	Stillwater Saw Shop	7425 US-93	Olney	1934	468	$28,613.55
☑	Stillwater Warehouse & Shop	7425 US-93	Olney	1969	2,520	$154,070.70
☑	Stillwater Water Pump House	7425 US-93	Olney	1967	90	$13,559.70
☑	Stillwater Werner Peak Lookout	Werner Peak	Olney	1984	300	$29,246.70
☐	Plains Crew Camper	14 Airport Rd	Plains	2022	160	$3,916.50
☑	Plains Doublewide Office Trailer	14 Airport Rd	Plains		1,000	$14,624.40
☑	Plains Shop	14 Airport Rd	Plains	1997	2,400	$258,478.50
☑	Plains Unit Office	14 Airport Rd	Plains	1997	2,912	$502,183.50
☑	Plains Vehicle Storage Building	14 Airport Rd	Plains		1,800	$36,559.95
☐	Sula Cabin	Sula State Forest	Sula		1,000	$28,371.00

DEPARTMENT OF NATURAL RESOURCES						
☐	Toston Dam Power House	Toston Dam Rd	Toston	1989	10,450	$16,881,609.15
☐	Toston Dam Storage Building	Toston Dam Rd	Toston	1989	2,400	$67,875.15
☐	Toston Dam Sub-station	Toston Dam Rd	Toston		344	$623,009.10
DEPARTMENT OF NATURAL RESOURCES: 176 Buildings			**TOTAL SQ FT:**	**302,866**	**TOTAL CRV:**	**$44,966,926.20**

DEPARTMENT OF REVENUE

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	LIQUOR WAREHOUSE	2517 Airport Rd	Helena	1977	108,258	$9,791,057.85
DEPARTMENT OF REVENUE: 1 detail record			**TOTAL SQ FT:**	**108,258**	**TOTAL CRV:**	**$9,791,057.85**

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	$9,840.60
☐	ALBERTON EQUIPMENT STORAGE	205 Gillette Ave W	Alberton	2000	1,200	$121,869.30
☐	ALBERTON LOADER SHED	Interstate 90 Mp 61.8	Alberton	2001	-00	$39,061.05
☐	ALBERTON MAINTENANCE SHOP	1326 16Th Rd North East	Alberton	2006	1	$4,915.05
☐	ALBERTON MAINTENANCE SHOP	500 S Frontage Rd E	Alberton		1,200	$4,593.75
☐	ALBERTON MAINTENANCE SHOP	Mt Highway 2 Mp 208.4	Alberton	2009	2,100	$213,272.85
☐	ALBERTON MAINTENANCE YARD	500 South Frontage Rd East	Alberton	1953	-00	$25,390.05
☐	ALBERTON REST AREA EAST	Interstet 90 East Mp 72	Alberton		-00	$9,994.95
☐	ALBERTON REST AREA WEST	Interstate 90 W Mp 73	Alberton		-00	$9,994.95
☐	ALBERTON SAND SITE	Interstate 90 Mp 61.8	Alberton	2004	-00	$150,120.60
☐	ALBERTON SECTION HOUSE	500 South Frontage Rd East	Alberton	1963	-00	$898,393.65
☐	ALBERTON SHED	Interstate 15 N Mm 2	Alberton	1960	100	$4,593.75
☐	ALBERTON STOCKPILE	500 South Frontage Rd East	Alberton	2013	-00	$7,308.00
☐	ALBERTON STOCKPILE SITE	Interstate 90 Mp 61.8	Alberton	2004	-00	$799,844.85
☐	ALDER LOADER SHED	Alder Route 287 Mp 22.5	Alder	1968	-00	$4,593.75
☐	Miles City RWIS site Alzada	Us 212 Milepost 139.5	Alzada		-00	$0.00
☐	ANACONDA CONSTRUCTION OFFICE	520 EPark Ave	Anaconda		600	$0.00
☐	ANACONDA EQUIPMENT SHOP 4 BAY	105 N Polk St	Anaconda		1,320	$77,406.00
☐	ANACONDA EQUIPMENT STORAGE	2114 Anaconda Dr	Anaconda	1990	3,000	$127,111.95
☐	ANACONDA EQUIPMENT STORAGE 3 BAY	2114 Anaconda Dr	Anaconda	1990	15,000	$679,494.90
☐	ANACONDA REST AREA	2114 Anaconda Dr	Anaconda	1990	750	$69,119.40
☐	ANACONDA SECTION HOUSE	105 N Polk St	Anaconda		-00	$102,372.90
☐	ANACONDA SIGN AND TOOL STORAGE	2114 Anaconda Dr	Anaconda	1990	500	$21,184.80
☐	Butte RWIS site Georgetown Lake	Mt1 Milepost 25.4	Anaconda		-00	$0.00
☐	ASHLAND EQUIPMENT STORAGE 2 BAY	605 Main St	Ashland		2,000	$203,118.30
☐	ASHLAND FUEL SHED	605 Main St	Ashland		100	$4,593.75
☐	ASHLAND SAND HOUSE	605 Main St	Ashland		2,400	$101,558.10

☐	ASHLAND SECTION HOUSE	605 Main St	Ashland	2000	-00	$363,987.75
☐	ASHLAND SIGN SHED	605 Main St	Ashland		100	$4,593.75
☐	ASHLAND STORAGE SHED	605 Main St	Ashland	1997	-00	$3,285.45
☐	Miles City Radio Equipment	Homecreek Divide	Ashland		-00	$0.00
☐	AUGUSTA FUEL SHED	112 Broadway St	Augusta	2000	100	$288,639.75
☐	AUGUSTA LOADER SHED	5 Bob Thomas Rd	Augusta	1960	375	$4,593.75
☐	AUGUSTA SECTION HOUSE	112 Broadway St	Augusta		4,200	$3,285.45
☐	Augusta Shop	5 Bob Thomas Rd	Augusta	2023	6,728	$1,543,501.05
☐	AUGUSTA STORAGE SHED	112 Broadway St	Augusta	2000	100	$4,593.75
☐	Great Falls RWIS site Bowmans	Mt200 Milepost 110.4	Augusta		-00	$0.00
☐	AVON LOADER SHED	2116 Mcdondald Pass	Avon	1990	200	$8,474.55
☐	Butte RWIS site Avon North	Mt 141 Milepost 8.1	Avon		-00	$0.00
☐	SAINT MARY EQUIPMENT STORAGE 6 BAY	3481 US-89	Babb		5,000	$507,790.50
☐	SAINT MARY FUEL SHED	3481 Us Highway 89 West	Babb		-00	$4,593.75
☐	SAINT MARY SAND STORAGE	3481 Us Highway 89 West	Babb		5,000	$4,593.75
☐	SAINT MARY SECTION HOUSE	3481 Us Highway 89 West	Babb		100	$4,915.05
☐	BAINVILLE REST AREA	Mt Highway 2 Mp 667.1	Bainville	2001	-00	$9,994.95
☐	Wolf Point RWIS site US2 stateline	Us2 Milepost 667.1	Bainville		-00	$0.00
☐	BAKER AERONAUTICS NDB	101 Airport Rd	Baker		-00	$145,027.05
☐	BAKER EQUIPMENT STORAGE 3 BAY	3 Shell Oil Rd	Baker	2010	2,400	$213,272.85
☐	BAKER EQUIPMENT STORAGE QUONSET	3 Shell Oil Rd	Baker		2,400	$243,743.85
☐	BAKER GAS TANK SWITCH SHED	3 Shell Oil Rd	Baker	1991	-00	$4,593.75
☐	BAKER SECTION HOUSE	3 Shell Oil Rd	Baker		-00	$4,593.75
☐	BAKER TRAILER STORAGE SHED	917 1St St East	Baker	1964	-00	$4,915.05
☐	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 Rd	Belgrade	1972	-00	$4,593.75
☐	BELGRADE LUMINAIRE SHED	22129 Frontage Rd	Belgrade	2000	-00	$4,593.75
☐	BELGRADE QUONSET WAREHOUSE	22129 Frontage Rd	Belgrade		-00	$30,465.75

☐	BELGRADE SECTION HOUSE	22129 Frontage Rd	Belgrade	1972	-00	$4,593.75
☐	BELGRADE SIGNAL SHED	22129 Frontage Rd	Belgrade		-00	$1,363.95
☐	BELGRADE STORAGE SHED	22129 Frontage Rd	Belgrade		-00	$4,593.75
☐	ARMINGTON JUNCTION EQUIPMENT STORAGE 2 BAY	2 MT-200	Belt		1,008	$1,099,096.95
☐	ARMINGTON JUNCTION EQUIPMENT STORAGE 3 BAY	2 MT-200	Belt	2008	2,400	$243,743.85
☐	ARMINGTON JUNCTION LOADER SHED	2 MT-200	Belt		448	$29,250.90
☐	ARMINGTON JUNCTION PINIC SHELTER	2 MT-200	Belt		-00	$3,285.45
☐	ARMINGTON JUNCTION REST AREA	2 MT-200	Belt		780	$3,285.45
☐	ARMINGTON JUNCTION REST AREA STORAGE WEST	2 MT-200	Belt		-00	$3,285.45
☐	ARMINGTON JUNCTION SHED	2 MT-200	Belt		-00	$324,988.65
☐	ARMINGTON JUNCTION SHOP LOWER	2 MT-200	Belt		-00	$3,285.45
☐	ARMINGTON JUNCTION WEIGH STATION	2 MT-200	Belt		200	$33,852.00
☐	BELT COLD STORAGE	2 MT-200	Belt		222	$9,840.60
☐	BELT EQUIPMENT STORAGE 2 BAY	2 MT-200	Belt	1982	1,008	$23,544.15
☐	BELT LARGE PICNIC SHED	3103 Belt	Belt	1990	200	$8,474.55
☐	BELT MCS COLD STORAGE	2 MT-200	Belt		222	$9,840.60
☐	BELT SAND STORAGE	2 MT-200	Belt	1963	3,200	$11,127.90
☐	BELT SECTION HOUSE	2 Us Highway 200	Belt	2011	2,400	$4,915.05
☐	BELT SHOP OLD	2 MT-200	Belt	2005	448	$30,465.75
☐	BELT LOADER SHED	2 MT-200	Biddle	2005	448	$4,593.75
☐	BIG SANDY COLD STORAGE	201 Cattle Trail Dr	Big Sandy	1971	1,280	$129,995.25
☐	BIG SANDY DEICER PUMP SHED	201 Cattle Trail Dr	Big Sandy	1963	-00	$499,839.90
☐	BIG SANDY EQUIPMENT SHOP 6 BAY	201 Cattle Trail Dr	Big Sandy	1960	4,816	$26,326.65
☐	BIG SANDY SAND HOUSE	201 Cattle Trail Dr	Big Sandy	2000	2,400	$4,593.75
☐	BIG SANDY SECTION HOUSE	201 Cattle Trail Dr	Big Sandy		4,816	$39,061.05
☐	BIG SANDY SECTION HOUSE OLD	201 Cattle Trail Dr	Big Sandy	2000	1,280	$49,127.40
☐	BIG SANDY STORAGE	201 Cattle Trail Dr	Big Sandy	1970	480	$39,061.05
☐	BIG SANDY TOOL SHED	201 Cattle Trail Dr	Big Sandy		-00	$9,994.95
☐	BIG SKY EQUIPMENT STORAGE 3 BAY	43870 Gallatin Rd	Big Sky	1970	2,000	$175,493.85

☐	BIG SKY LOADER SHED	43870 Gallatin Rd	Big Sky		560	$203,118.30
☐	BIG SKY SAND STORAGE	Mt Highway 191 Mp 43.8	Big Sky	1972	4,000	$214,756.50
☐	Bozeman RWIS site Karst	Us191 Milepost 55.3	Big Sky		-00	$0.00
☐	BIG TIMBER EQUIPMENT SHOP OLD	701 E 1st Ave	Big Timber	2000	-00	$99,043.35
☐	BIG TIMBER SAND HOUSE	701 E 1st Ave	Big Timber	2017	2,400	$39,061.05
☐	BIG TIMBER SAND STORAGE	701 E 1st Ave	Big Timber	2000	1,200	$237,648.60
☐	BIG TIMBER SECTION HOUSE	701 E 1st Ave	Big Timber	2000	3,850	$25,390.05
☐	BIG TIMBER SHED	701 E 1st Ave	Big Timber		222	$9,840.60
☐	Big Timber Shop	366 Big Timber Loop Rd	Big Timber	2023	6,728	$254,529.45
☐	BIG TIMBER STORAGE SHED	701 E 1st Ave	Big Timber		25	$1,106.70
☐	BIGFORK EQUIPMENT SHOP	6937 MT-35	Bigfork	1971	1,280	$454,199.55
☐	BIGFORK EQUIPMENT SHOP 2 BAY	6937 Montana Hwy 35	Bigfork	1971	1,536	$1,476,269.55
☐	BIGFORK EQUIPMENT STORAGE	72001 Gallatin Rd	Bigfork	2000	1,536	$155,991.15
☐	BIGFORK SECTION HOUSE	6937 Montana Hwy 35	Bigfork		-00	$2,314,277.70
☐	FERNDALE MAINTENANCE SHOP 8 BAY	6937 Montana Hwy 35	Bigfork	2010	7,225	$1,973,045.55
☐	FERNDALE SALT SHED	6937 Montana Hwy 35	Bigfork		-00	$396,633.30
☐	FERNDALE SALT SHED	6937 Montana Hwy 35	Bigfork		100	$164,311.35
☐	FERNDALE SALT STORAGE	6937 Montana Hwy 35	Bigfork		3,200	$4,593.75
☐	FERNDALE SECTION HOUSE	6937 Montana Hwy 35	Bigfork		-00	$4,593.75
☐	FERNDALE STORAGE	6937 Montana Hwy 35	Bigfork	1996	100	$52,777.20
☐	FERNDALE WASH BAY	6937 Montana Hwy 35	Bigfork	2012	100	$33,852.00
☐	KALISPELL LOADER SHED	Big Fork	Bigfork		560	$30,465.75
☐	SWAN LAKE SECTION HOUSE	24526 Montana Hwy 83	Bigfork		312	$10,563.00
☐	WOODS BAY LOADER SHED	Mt Highway 35 Mp 58.8	Bigfork	2003	222	$115,908.45
☐	WOODS BAY SALT STORAGE	Mt Highway 35 Mp 26.8	Bigfork		222	$9,840.60
☐	BILLINGS AIRPORT ARMORY BUILDING SECTION HOUSE	5103 Billings Airport	Billings	1990	10,000	$452,998.35
☐	BILLINGS AIRPORT ARMORY LAB	1961 MT-3	Billings		1,111	$146,136.90
☐	BILLINGS AIRPORT DEICER TANK	1961 MT-3	Billings		222	$9,840.60
☐	BILLINGS AIRPORT LAB SHED	1961 MT-3	Billings		200	$8,865.15

DEPARTMENT OF TRANSPORTATION

☐	BILLINGS AIRPORT LAB SHED	1961 MT-3	Billings		100	$4,434.15
☐	BILLINGS AIRPORT LAB SHED	1961 MT-3	Billings		100	$4,434.15
☐	BILLINGS AIRPORT SALT SHED	1961 MT-3	Billings		1,200	$53,193.00
☐	BILLINGS AIRPORT SECTION HOUSE	1961 MT-3	Billings	1985	-00	$4,915.05
☐	BILLINGS AIRPORT STORAGE SHED	1961 MT-3	Billings		30	$1,329.30
☐	BILLINGS AIRPORT STORAGE SHED	1961 MT-3	Billings		200	$8,865.15
☐	BILLINGS AIRPORT SURVEY SHED	1961 MT-3	Billings		100	$4,434.15
☐	BILLINGS AIRPORT TOOL STORAGE	1961 MT-3	Billings		555	$24,603.60
☐	BILLINGS ARMORY LAB	3 Shell Oil Rd	Billings		-00	$10,157.70
☐	BILLINGS CONSTRUCTION CREW BUILDING	424 Morey St	Billings	1980	4,700	$504,409.50
☐	BILLINGS DISTRICT OFFICE	424 Morey St	Billings	1960	21,267	$2,905,427.70
☐	BILLINGS EQUIPMENT SHOP 24 BAY	424 Morey St	Billings	1981	23,070	$1,941,973.95
☐	BILLINGS FAIRGROUNDS EQUIPMENT STORAGE	650 1St Ave N	Billings		555	$24,603.60
☐	BILLINGS LONG SHED	424 Morey St	Billings		24,000	$39,061.05
☐	BILLINGS METRA STOCKPILE	5103 Billings Airport	Billings	1990	200	$8,474.55
☐	BILLINGS OFFICE AND SHOP	424 Morey St	Billings		-00	$1,315,363.35
☐	BILLINGS OFFICE EAST	424 Morey St	Billings	2005	2,856	$379,346.10
☐	BILLINGS OIL AND GREASE WAREHOUSE	424 Morey St	Billings	2009	625	$24,371.55
☐	Billings Radio Equipment	Beartooth	Billings			$0.00
☐	Billings Radio Equipment	Sacrifice Hills	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 St	Billings	2000	-00	$4,593.75
☐	BILLINGS SAND HOUSE	424 Morey St	Billings	2009	2,400	$101,558.10
☐	BILLINGS SAND HOUSE	2399 W Old Hardin Rd	Billings		222	$9,840.60
☐	BILLINGS STEAM CLEANING BUILDING	424 Morey St	Billings	1956	1,125	$61,430.25
☐	BILLINGS STRIPER SHED	424 Morey St	Billings	1988	2,400	$4,593.75
☐	BILLINGS TIRE SHED	424 Morey St	Billings		2,400	$4,593.75
☐	R/W NCPD - MT BILLINGS BYPASS	1207 Johnson Ln	Billings	1953	1,938	$93,318.75

☐	R/W Property Billings District	7619 US Highway 12	Billings	2000	960	$20,385.75
☐	R/W Property Billings District	1705 Mary St	Billings	2007	5,491	$66,627.75
☐	R/W Property Billings District	7619 US Highway 12	Billings	2000	360	$7,645.05
☐	R/W Property Billings District	3306 Coulson Rd	Billings	2010	2,608	$31,645.95
☐	R/W Property Billings District	1705 Mary St	Billings	2004	192	$4,077.15
☐	R/W Property Billings District	1705 Mary St	Billings	2014	216	$4,587.45
☐	R/W Property Billings District	7619 US Highway 12	Billings	2000	576	$12,231.45
☐	R/W Property Billings District	3306 Coulson Rd	Billings	1977	1,200	$49,069.65
☐	R/W Property Billings District	7619 US Highway 12	Billings	1920	3,219	$39,058.95
☐	R/W Property Billings District	1705 Mary St	Billings	2014	216	$4,587.45
☐	R/W Property Billings District	7619 US Highway 12	Billings	2000	500	$10,616.55
☐	R/W Property Billings District	7619 US Highway 12	Billings	2000	2,292	$48,669.60
☐	R/W Property Billings District	3306 Coulson Rd	Billings	1941	1,720	$20,870.85
☐	R/W Property Billings District	1705 Mary St	Billings	2014	64	$1,358.70
☐	R/W Property Billings District	1705 Mary St	Billings	2014	1,200	$25,481.40
☐	VISTA POINT REST AREA	MT HIGHWAY 212 MP 49.1	Billings		1,200	$551,029.50
☐	MISSOULA LOADER SHED	BONNER	Bonner		560	$30,465.75
☐	Tamarack Sand Storage	1072 Tamarack Rd	Bonner	2023	5,000	$176,925.00
☐	BERNICE EQUIPMENT STORAGE 1 BAY	10 Bear Gulch Rd	Boulder	2005	2,400	$101,558.10
☐	BERNICE SAND STORAGE	10 Bear Gulch Rd	Boulder	1963	4,000	$214,189.50
☐	BERNICE SECTION HOUSE	10 Bear Gulch Rd	Boulder		-00	$65,103.15
☐	BOULDER EQUIPMENT SHOP 2 BAY	3756 Us Highway 69	Boulder	2009	1,748	$95,960.55
☐	BOULDER SAND HOUSE	3756 Us Highway 69	Boulder	2001	2,400	$101,558.10
☐	BOULDER SECTION HOUSE	3756 Us Highway 69	Boulder		-00	$626,414.25
☐	BOULDER STORAGE	3756 Us Highway 69	Boulder		600	$32,908.05
☐	Butte Radio Equipment	Boulder	Boulder		300	$27,930.00
☐	Butte RWIS site Boulder Hill	I-15 Milepost 170.9	Boulder		-00	$0.00
☐	ELK PARK LOADER SHED	Interstate 15 Sough Mp 138.6	Boulder		-00	$4,593.75
☐	BEAVERSLIDE SAND SHED	7316 Us Highway 59 Mp 34.8	Boyes		2,400	$101,558.10

☐	BEAVERSLIDE SECTION HOUSE	7316 Us Highway 59 South	Boyes	1963	2,222	$105,306.60
☐	BOYES SAND SHED	10340 US-212	Boyes		222	$146,246.10
☐	BOYES SECTION HOUSE	10340 US-212	Boyes		1,111	$39,061.05
☐	BOYES STORAGE SHED	10340 US-212	Boyes	1960	222	$9,840.60
☐	BOZEMAN ADOPT A HIGHWAY SHED	100 Nelson Rd	Bozeman		-00	$339,847.20
☐	BOZEMAN COLD STORAGE	100 Nelson Rd	Bozeman	1972	-00	$135,414.30
☐	BOZEMAN DISTRICT OFFICE	100 Nelson Rd	Bozeman		-00	$1,973,045.55
☐	BOZEMAN LAB	300 4th St SW	Bozeman	1956	-00	$220,282.65
☐	BOZEMAN LOADER SHED	Mt Highway 84 Mp 27	Bozeman		-00	$147,042.00
☐	BOZEMAN MAINTENANCE CONEX	Mt Highway 191 Mp 81.7	Bozeman	1969	-00	$24,574.20
☐	BOZEMAN NUKE STORAGE	100 Nelson Rd	Bozeman		-00	$263,241.30
☐	BOZEMAN PASS LOADER SHED	Interstate 90 Mp 321	Bozeman	1963	448	$45,950.10
☐	BOZEMAN PASS REST AREA	I90 MP 326.5	Bozeman	2015	-00	$26,271.00
☐	BOZEMAN PASS REST AREA	I90 MP 326.5	Bozeman		-00	$26,271.00
☐	Bozeman Radio Equipment	Story Hill	Bozeman		-00	$0.00
☐	Bozeman Radio Equipment	Duck Creek	Bozeman		200	$0.00
☐	Bozeman Radio Equipment	Eagle Head	Bozeman			$0.00
☐	BOZEMAN REST AREA	NORTH 19TH St	Bozeman	1970	-00	$111,275.85
☐	Bozeman RWIS site Bozeman Pass	I-90 milepost 321.8	Bozeman		-00	$0.00
☐	BOZEMAN SAND HOUSE	100 NELSON Rd	Bozeman	1963	-00	$4,593.75
☐	BOZEMAN SECTION HOUSE	7591 US-287	Bozeman		-00	$1,315,363.35
☐	BOZEMAN TRAIL QUONSET STORAGE	INTERSTATE 90 MP 316.8	Bozeman		2,400	$191,264.85
☐	BOZEMAN WEIGH STATION	MT HIGHWAY 191 MP 81.7	Bozeman		200	$4,593.75
☐	Deep Creek RWIS Site	US 12 mile post 23.5	Bozeman		100	$4,593.75
☐	R/W Property Rouse Avenue	808 N Rouse Ave	Bozeman	1910	735	$36,125.25
☐	R/W ROUSE AVENUE	808 N Rouse Ave	Bozeman	1910	735	$33,836.25
☐	BRIDGER EQUIPMENT SHOP 4 BAY	2422 US-310	Bridger		4,136	$196,016.10
☐	BRIDGER EQUIPMENT STORAGE	2422 US-310	Bridger	1953	-00	$35,104.65
☐	BRIDGER REST AREA	Mt Highway 72 Mp 29.1	Bridger		1,200	$627,094.65

☐	BRIDGER REST AREA STORAGE	Mt Highway 72 Mp 84.4	Bridger	1974	-00	$420,048.30
☐	BRIDGER REST AREA STORAGE SHED	Mt Highway 72 Mp 29.1	Bridger	1993	200	$8,865.15
☐	BRIDGER SECTION HOUSE	2422 US-310	Bridger	1953	-00	$9,824.85
☐	ROBERTS REST AREA	Mt Highway 212 Mp 84.4	Bridger		1,200	$115,699.50
☐	ALZADA STORAGE SHED	4304 Broadus	Broadus	1990	200	$8,474.55
☐	BROADUS COURTESY STATION	508 South Park St	Broadus		320	$33,852.00
☐	BROADUS EQUIPMENT SHOP	41 Sparks Ln	Broadus	2016	4,160	$404,540.85
☐	BROADUS FUEL SHED	604 Ctenay Ave S	Broadus	1953	-00	$422,485.35
☐	BROADUS REST AREA	Mt Highway 212 Mp 81.1	Broadus		1,408	$243,743.85
☐	BROADUS STORAGE SHED	Us 212 Mp 81.1	Broadus	2007	222	$9,840.60
☐	BROADUS WEIGH STATION	Mt Highway 212	Broadus	1993	200	$1,365,740.25
☐	BROADVIEW AIRPORT SAND HOUSE	Mt Highway 3 Mp 32.8	Broadview		222	$9,840.60
☐	BROWNING AERONAUTICS ELECTRICAL BUILDING	Starr Browning Airport	Browning	1980	-00	$567,621.60
☐	BROWNING COLD STORAGE 6 BAY	314 NE Boundary St	Browning		4,065	$4,593.75
☐	BROWNING EQUIPMENT SHOP 6 BAY	314 NE Boundary St	Browning		4,065	$479,019.45
☐	BROWNING EQUIPMENT SHOP 8 BAY	314 NE Boundary St	Browning		4,274	$434,061.60
☐	BROWNING EQUIPMENT STORAGE	314 NE Boundary St	Browning	2016	-00	$16,927.05
☐	BROWNING LOADER SHED	1649 US-2	Browning		100	$30,742.95
☐	BROWNING LOADER SHED	Mt Highway 2 Mp 224.1	Browning	1953	560	$4,593.75
☐	BROWNING SAND STORAGE	314 NE Boundary St	Browning		-00	$161,001.75
☐	BROWNING SECTION HOUSE	314 NE Boundary St	Browning	2002	4,274	$101,558.10
☐	BROWNING SIGN STORAGE	314 NE Boundary St	Browning		-00	$243,743.85
☐	BROWNING STORAGE SHED	314 NE Boundary St	Browning	1990	4,080	$21,666.75
☐	Havre RWIS Site Browning	Us 89 Mm 223.1	Browning		100	$4,593.75
☐	BUSBY EQUIPMENT SHOP 2 BAY	25116 US-212	Busby	2000	-00	$798,557.55
☐	BUSBY SAND HOUSE	25116 US-212	Busby	1953	2,400	$101,558.10
☐	BUSBY SECTION HOUSE	25116 US-212	Busby		2,222	$105,306.60
☐	BARRETT REST AREA NORTH	Interstate 15 North Mp 55	Butte		-00	$9,994.95
☐	BARRETT REST AREA SOUTH	Interstate 15 Sough Mp 55	Butte		-00	$9,994.95

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☐	BUTTE COMBINATION BUILDING	3751 Wynne Ave	Butte	1980	3,240	$387,511.95
☐	BUTTE DISTRICT OFFICE	3751 Wynne Ave	Butte		10,800	$11,127.90
☐	BUTTE DISTRICT OFFICE/EQUIPMENT SHOP	3751 Wynne Ave	Butte		20,791	$3,208,633.05
☐	BUTTE EQUIPMENT SHOP	3751 Wynne Ave	Butte		10,800	$263,266.50
☐	BUTTE EQUIPMENT SHOP 24 BAY	3751 Wynne Ave	Butte	2004	15,600	$1,464,089.55
☐	BUTTE LOADER SHED	3751 Wynne Ave	Butte	2004	-00	$30,465.75
☐	BUTTE LOADER SHED	Interstate 15 South Mp 120	Butte	1980	-00	$30,465.75
☐	BUTTE OIL AND GREASE WAREHOUSE	3751 Wynne Ave	Butte	1985	576	$19,500.60
☐	BUTTE OPEN FACE SHED	3751 Wynne Ave	Butte	2015	1,600	$78,655.50
☐	BUTTE PIT SHED	Mt Highway 2 Mp 82	Butte	2016	-00	$4,593.75
☐	BUTTE RECORD STORAGE	3751 Wynne Ave	Butte	1975	576	$25,533.90
☐	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 Ave	Butte		-00	$1,973,045.55
☐	BUTTE TIRE SHED	3751 Wynne Ave	Butte	2009	-00	$4,593.75
☐	BUTTE TRUCK WASH	3751 Wynne Ave	Butte		1,292	$64,041.60
☐	BUTTE VAULTED TOILETS	I-90 West	Butte		-00	$45,950.10
☐	BUTTE VAULTED TOILETS	I-90 West	Butte		-00	$47,393.85
☐	BUTTE WEIGH STATION	Interstate 15 Mp 123.5	Butte	1995	2,254	$320,696.25
☐	BUTTE WEIGH STATION EAST	Interstate 15 East Mp 122.4	Butte	1938	200	$33,852.00
☐	BUTTE WEIGH STATION STORAGE SHED	Interstate 15 M 123.5	Butte	1965	60	$86,881.20
☐	BUTTE WEIGHT STATION EAST	Interstate 15 Mp 122.4	Butte		-00	$49,764.75
☐	BUTTE WELDING SHOP	3751 Wynne Ave	Butte		2,000	$114,082.50
☐	ELK PARK LOADER SHED	I-15 Sbouth 138.6	Butte		440	$23,544.15
☐	HOMESTAKE PARKING AREA EAST	Interstate 90 Mp 235	Butte	1970	-00	$4,593.75
☐	HOMESTAKE PARKING AREA WEST	Interstate 90 Mp 234.9	Butte	1980	-00	$4,593.75
☐	PIPESTONE SAND HOUSE	Interstate 90 Mp 242	Butte		2,400	$101,558.10
☐	CASCADE EQUIPMENT SHED	801 1st St S	Cascade		-00	$18,958.80
☐	CASCADE EQUIPMENT SHOP	801 1st St S	Cascade		-00	$236,943.00

☐	CASCADE EQUIPMENT SHOP 2 BAY	801 1st St S	Cascade		1,512	$153,557.25
☐	CASCADE FUEL SHED	801 1st St S	Cascade		-00	$4,593.75
☐	CASCADE LOADER SHED	801 1st St S	Cascade		-00	$4,915.05
☐	CASCADE SECTION HOUSE	800 1st St S	Cascade	2010	4,400	$33,852.00
☐	CASCADE STORAGE SHED	801 1st St S	Cascade		-00	$340,459.35
☐	Great Falls RWIS site Gary Cooper Bridge	I-15 Mile Post 242	Cascade		-00	$0.00
☐	CHESTER SECTION HOUSE	611 4th St W	Chester	2001	5,000	$507,790.50
☐	CHESTER TOOL SHED	611 4th St W	Chester	2001	576	$31,593.45
☐	CHOTEAU GAS SHED	2390 US-89	Choteau	1965	-00	$461,279.70
☐	CHOTEAU LOADER SHED	2390 US-89	Choteau		448	$23,544.15
☐	CHOTEAU OIL SHED	2390 US-89	Choteau		-00	$131,633.25
☐	CHOTEAU SAND SHED	3112 Choteau	Choteau	1990	200	$8,474.55
☐	CHOTEAU SECTION HOUSE	2390 US-89	Choteau		4,542	$4,593.75
☐	CHOTEAU STORAGE SHED	2390 US-89	Choteau		-00	$33,852.00
☐	CHOTEAU TIRE SHED	2390 US-89	Choteau		-00	$168,996.45
☐	CHOTEAU TOOL SHED	2390 US-89	Choteau		-00	$340,459.35
☐	CIRCLE EQUIPMENT STORAGE	65 MT-200	Circle	1966	880	$89,370.75
☐	CIRCLE RWIS SITE	65 MT-200	Circle	2020	100	$0.00
☐	CIRCLE SAND HOUSE	65 MT-200	Circle	2017	2,400	$373,734.90
☐	CIRCLE SECTION HOUSE	65 MT-200	Circle		-00	$131,633.25
☐	CIRCLE WEIGH STATION	Mt Highway 200 Mp 280	Circle		200	$33,852.00
☐	CLANCY LOADER SHED	Interstate 15 Mp 182	Clancy	2011	448	$23,544.15
☐	BEARNOUTH STOCKPILE	1104 Clinton	Clinton	1990	200	$8,474.55
☐	CLINTON EQUIPMENT STORAGE	17380 US Hwy 10 E	Clinton	2007	3,560	$214,756.50
☐	CLINTON LOADER SHED	17380 US Hwy 10 E	Clinton		4,000	$4,593.75
☐	CLINTON LOADER SHED	Interstate 90 Mp 138	Clinton		-00	$361,549.65
☐	CLINTON SAND STORAGE	17380 US Hwy 10 E	Clinton		4,000	$4,593.75
☐	CLINTON SECTION HOUSE	17380 US Hwy 10 E	Clinton		4,000	$4,593.75
☐	CLINTON SHED	17380 US Hwy 10 E	Clinton		-00	$4,593.75

☐	CLINTON STOCKPILE	17380 US Hwy 10 E	Clinton	1998	-00	$217,343.70
☐	CLINTON TRUCK PARKING TURNOUT	Interstate 90 Mm 127	Clinton	1945	-00	$4,593.75
☐	COLSTRIP STORAGE SHED	2730 MT-39	Cohagen		-00	$4,593.75
☐	COLSTRIP COLD STORAGE	2730 MT-39	Colstrip		-00	$4,915.05
☐	COLSTRIP SAND HOUSE	2730 MT-39	Colstrip	1990	3,320	$203,118.30
☐	COLSTRIP SECTION HOUSE	2730 MT-39	Colstrip	2007	-00	$182,094.15
☐	COLUMBIA FALLS EQUIPMENT STORAGE	Mt 206 Mp 9.2	Columbia Falls		1,200	$357,487.20
☐	COLUMBIA FALLS EQUIPMENT STORAGE	1101 Highway 10 W	Columbia Falls		3,520	$91,400.40
☐	COLUMBIA FALLS LOADER SHED	490 Rogers Rd	Columbia Falls		560	$30,714.60
☐	COLUMBIA FALLS SALT STORAGE	491 Rogers Rd	Columbia Falls		-00	$340,459.35
☐	COLUMBIA FALLS SAND HOUSE	490 Rogers Rd	Columbia Falls		2,400	$4,593.75
☐	COLUMBIA FALLS SAND HOUSE	492 Rogers Rd	Columbia Falls		100	$131,633.25
☐	COLUMBIA FALLS SECTION HOUSE	490 Rogers Rd	Columbia Falls		-00	$30,465.75
☐	COLUMBIA FALLS SECTION HOUSE OLD	Mt Highway 2 Mp 135.7	Columbia Falls		100	$4,915.05
☐	COLUMBIA FALLS SIGN SHED	492 Rogers Rd	Columbia Falls		-00	$340,459.35
☐	COLUMBUS SECTION HOUSE	10 Lehman Rd	Columbia Falls	1996	5,156	$4,593.75
☐	KALISPELL LOADER SHED	Columbia Falls	Columbia Falls		560	$30,465.75
☐	COLUMBUS DEICER TANK	10 Lehman Rd	Columbus		222	$9,840.60
☐	COLUMBUS EQUIPMENT STORAGE	10 Lehman Rd	Columbus		1,350	$507,790.50
☐	COLUMBUS REST AREA EAST	Interstate 90 Mp 418.9	Columbus		1,200	$680,917.65
☐	COLUMBUS REST AREA WEST	Interstate 90 Mp 418.7	Columbus	1985	1,200	$340,459.35
☐	COLUMBUS SALT SHED	10 Lehman Rd	Columbus	2014	200	$4,593.75
☐	COLUMBUS TIRE SHED	10 Lehman Rd	Columbus		100	$4,434.15
☐	COLUMBUS WOOD STORAGE SHED	10 Lehman Rd	Columbus		64	$2,835.00
☐	Kalispell RWIS site Swan Lake South	Mt83 Milepost 47	Condon		-00	$0.00
☐	MISSOULA LOADER SHED	Conner	Conner		560	$30,465.75
☐	CONRAD EQUIPMENT STORAGE	310 N Main St	Conrad	2000	2,400	$243,743.85
☐	CONRAD REST AREA	Conrad Interchange	Conrad	2009	-00	$406,233.45
☐	CONRAD SAND SHED	310 N Main St	Conrad		222	$9,840.60

☐	CONRAD SECTION HOUSE	310 N Main St	Conrad		4,000	$1,896,363.00
☐	KALISPELL LOADER SHED	Brass Pit	Coram		560	$30,465.75
☐	CULBERTSON EQUIPMENT STORAGE WEST	4202 Culbertson	Culbertson	1990	200	$8,474.55
☐	CULBERTSON OIL SHED	820 6th Ave E	Culbertson	1978	-00	$4,593.75
☐	CULBERTSON RADIO TOWER BUILDING	4202 Culbertson	Culbertson	1990	200	$8,474.55
☐	CULBERTSON REAST AREA TRAILER COURT	Mt Highway 2 Mp 527.2	Culbertson	2011	-00	$4,915.05
☐	CULBERTSON REST AREA	Mt Highway 2 Mp 645.2	Culbertson		1,408	$1,643,567.10
☐	CULBERTSON REST AREA PINIC ARBOR	Mt Highway 2 Mp 645	Culbertson		-00	$87,757.95
☐	CULBERTSON REST AREA TRAILER COURT	4204 Culbertson	Culbertson	1990	200	$8,474.55
☐	CULBERTSON SAND STORAGE	Mt Highway 2 Mp 645.2	Culbertson	1972	-00	$18,268.95
☐	CULBERTSON SECTION HOUSE	820 6th Ave E	Culbertson	2008	-00	$243,743.85
☐	CULBERTSON SECTION HOUSE	820 6th Ave E	Culbertson	1972	-00	$58,472.40
☐	CULBERTSON SHED NORTH	820 6th Ave E	Culbertson		-00	$121,970.10
☐	CULBERTSON STORAGE SHED	Mt Highway 2 Mp 527.2	Culbertson	2007	1,600	$30,465.75
☐	CULBERTSON STORAGE SHED	4202 Culbertson	Culbertson	1990	200	$8,474.55
☐	CULBERTSON TIN SHED	4202 Culbertson	Culbertson	1990	200	$8,474.55
☐	CULBERTSON TIN STORAGE SHED	4202 Culbertson	Culbertson	1990	200	$8,474.55
☐	CULBERTSON WEIGH STATION	Mt Highway 2 Mp 644	Culbertson		200	$162,494.85
☐	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	$680,917.65
☐	CUSTER REST AREA WEST	Interstate 94 Mp 41.3	Custer	2007	1,200	$680,917.65
☐	CUSTER SAND HOUSE	Interstate 94 Mp 63	Custer		-00	$4,593.75
☐	CUSTER SECTION HOUSE	109 3rd Ave	Custer		-00	$99,528.45
☐	Custer Section House	109 3rd Ave	Custer	2023	5,400	$204,290.10
☐	WACO SAND HOUSE	Waco Interchange	Custer		-00	$39,061.05
☐	CUT BANK CONSTRUCTION STORAGE	3208 Cut Bank	Cut Bank	1990	200	$8,474.55
☐	CUT BANK REST AREA	Mt Highway 2 Mp 255.7	Cut Bank	2006	-00	$460,062.75
☐	CUT BANK SECTION HOUSE	31 Nyghagen Rd	Cut Bank	1990	-00	$11,127.90

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☐	CUT BANK SHED	3208 Cut Bank	Cut Bank	1990	200	$8,474.55
☐	CUT BANK SIGN SHED	31 Nyghagen Rd	Cut Bank		-00	$9,994.95
☐	CUT BANK STORAGE SHED	3208 Cutbank	Cut Bank	1990	200	$8,474.55
☐	CUT BANK STORAGE SHED	31 Nyghagen Rd	Cut Bank		-00	$4,593.75
☐	CUT BANK TOOL STORAGE	3208 Cutbank	Cut Bank	1990	200	$8,474.55
☐	Lookout Pass Sand Storage	70 De Borgia Haugen Frontage	De Borgia	2023	8,000	$283,080.00
☐	LOOKOUT PASS SECTION HOUSE	70 De Borgia Haugen Frontage	De Borgia	2005	6,000	$4,915.05
☐	LOOKOUT PASS STOCKPILE SITE	70 De Borgia Haugen Frontage	De Borgia		222	$4,593.75
☐	RIVERSIDE COLD STORAGE	70 De Borgia Haugen Frontage	De Borgia	2007	2,400	$131,633.25
☐	RIVERSIDE SAND STORAGE	70 De Borgia Haugen Frontage	De Borgia	2010	3,200	$864,942.75
☐	BROADUS SECTION HOUSE	41 Sparks Ln	Deer Lodge		-00	$4,593.75
☐	DEER LODGE SECTION HOUSE	1317 Valley View Dr	Deer Lodge		-00	$732,393.90
☐	DEER LODGE SIGN SHED	1317 Valley View Dr	Deer Lodge		-00	$199,057.95
☐	DENTON EQUIPMENT SHOP 2 BAY	12885 MT-81	Denton	2004	1,800	$98,815.50
☐	DENTON SAND HOUSE	12885 MT-81	Denton		3,456	$85,309.35
☐	DENTON SECTION HOUSE	12885 MT-81	Denton	1997	-00	$146,246.10
☐	DENTON STORAGE SHED	12885 MT-81	Denton		-00	$203,118.30
☐	Lewistown RWIS site East of Denton	MT-81 Milepost 17	Denton		-00	$0.00
☐	BOLICK LOADER SHED	Interstate 15 South Mp 57.7	Dillon	1980	448	$469,123.20
☐	BROADUS SIGN SHED	41 Sparks Ln	Dillon	1966	-00	$30,465.75
☐	BUFFALO SAND TUBE	2110 Dillon	Dillon	1990	200	$8,474.55
☐	DILLON LOADER SHED	Secondary 278 Mp 25.6	Dillon		-00	$23,544.15
☐	DILLON MECHANIC SHOP NEW	3577 MT-91	Dillon		5,555	$263,266.50
☐	DILLON MECHANIC SHOP NEW ADDITION	3577 MT-91	Dillon		2,222	$71,023.05
☐	DILLON MECHANIC SHOP OLD	3577 MT-91	Dillon		2,222	$105,306.60
☐	DILLON MECHANIC SHOP OLD ADDITION	3577 MT-91	Dillon		1,111	$52,651.20
☐	DILLON SECTION HOUSE	3577 MT-91	Dillon		2,222	$105,306.60
☐	DILLON SECTION HOUSE ADDITION	3577 MT-91	Dillon		1,111	$52,651.20
☐	DILLON STORAGE	3577 MT-91	Dillon		222	$9,840.60

☐	DILLON TOOL SHOP	3577 MT-91	Dillon		555	$24,603.60
☐	DIVIDE EQUIPMENT SHOP 2 BAY	77800 MT-43	Divide	2008	2,000	$243,743.85
☐	DIVIDE MCS TRAILER	Divide	Divide	2018	96	$10,304.70
☐	DIVIDE REST AREA NORTH	Interstate 15 Mp 108.69	Divide		1,200	$340,459.35
☐	DIVIDE REST AREA SOUTH	Interstate 15 Mp 108.74	Divide	1940	1,200	$340,459.35
☐	DIVIDE SAND HOUSE	77800 MT-43	Divide		2,400	$30,465.75
☐	DIVIDE SECTION HOUSE	77800 MT-43	Divide	2004	20,000	$7,102,961.25
☐	DRUMMOND CAMPSITE	Old Mt Highway 10A	Drummond	1992	-00	$4,593.75
☐	DRUMMOND EQUIPMENT STORAGE	6283 MT-1	Drummond	2005	-00	$7,634.55
☐	DRUMMOND QUONSET SHED	6283 MT-1	Drummond	2013	4,160	$12,506.55
☐	DRUMMOND SECTION HOUSE	6283 MT-1	Drummond	1968	-00	$343,673.40
☐	DRUMMOND STOCKPILE	6283 MT-1	Drummond	2013	-00	$4,593.75
☐	DRUMMOND STORAGE SHED	6283 MT-1	Drummond	2011	228	$17,603.25
☐	DRUMMOND WEIGH STATION EAST	Interstate 90 Mp 150.6	Drummond	1997	200	$33,852.00
☐	DRUMMOND WEIGH STATION WEST	Interstate 90 Mp 150.6	Drummond		200	$33,852.00
☐	DUPUYER EQUIPMENT STORAGE	205 Gillette Ave	Dupuyer		2,400	$259,989.45
☐	DUPUYER EQUIPMENT STORAGE 1 BAY	205 Gillette Ave	Dupuyer		2,400	$243,743.85
☐	DUPUYER FUEL SHED	205 Gillette Ave	Dupuyer		-00	$340,459.35
☐	DUPUYER SAND HOUSE	205 Gillette Ave	Dupuyer		2,400	$101,558.10
☐	DUPUYER SECTION HOUSE	205 Gillette Ave	Dupuyer		-00	$13,162.80
☐	DUPUYER SIGN SHED	205 Gillette Ave	Dupuyer		240	$4,593.75
☐	DUTTON EQUIPMENT SHOP 6 BAY	1326 16Th Rd Ne	Dutton		4,400	$340,459.35
☐	DUTTON REST AREA EAST	Interstate 15 Mp 318	Dutton		-00	$9,994.95
☐	DUTTON REST AREA NORTH	Interstate 15 Mp 318	Dutton	2013	1,200	$457,014.60
☐	DUTTON REST AREA PINIC SHELTER NORTH	Interstate 15 Mp 318	Dutton		-00	$5,203.80
☐	DUTTON REST AREA PINIC SHELTER NORTH	Interstate 15 Mp 318	Dutton		-00	$9,994.95
☐	DUTTON REST AREA PINIC SHELTER SOUTH	Interstate 15 Mp 318	Dutton		-00	$4,593.75
☐	DUTTON REST AREA PINIC SHELTER SOUTH	Interstate 15 Mp 318	Dutton		-00	$56,313.60
☐	DUTTON REST AREA SOUTH	Interstate 15 Mp 318	Dutton		1,200	$241,550.40

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☐	DUTTON REST AREA WEST	Interstate 15 Mp 318	Dutton		-00	$227,649.45
☐	DUTTON SAND SHED	1326 16th Rd NE	Dutton		-00	$9,994.95
☐	DUTTON SECTION HOUSE	1326 16th Rd NE	Dutton		4,400	$101,558.10
☐	DUTTON STORAGE SHED	1326 16th Rd NE	Dutton		-00	$221,802.00
☐	EAST GLACIER EQUIPMENT STORAGE	Mt Highway 2 Mp 208.4	East Glacier Park	1972	3,920	$28,106.40
☐	EAST GLACIER LOADER SHED	Mt Highway 2 Mp 208.4	East Glacier Park		512	$101,558.10
☐	EAST GLACIER LOADER SHED	Mt Highway 2 Mp 189.9	East Glacier Park	1981	-00	$398,110.65
☐	EAST GLACIER LOADER SHED	Mt Highway 2 Mp 197.8	East Glacier Park	2017	-00	$26,326.65
☐	EAST GLACIER LOADER SHED	Mt Highway 2 Mp 208.4	East Glacier Park		560	$4,593.75
☐	EAST GLACIER SAND HOUSE	20741 US-2	East Glacier Park	2007	-00	$30,465.75
☐	EAST GLACIER SECTION HOUSE	20741 US-2	East Glacier Park		-00	$26,271.00
☐	EAST GLACIER SIGN SHED	20741 US-2	East Glacier Park		-00	$4,593.75
☐	EAST GLACIER STORAGE SHED	Mt Highway 2 Mp 208.4	East Glacier Park	2007	480	$3,517.50
☐	EKALAKA SAND HOUSE	Mt 7 Us Highway 51	Ekalaka		2,400	$95,960.55
☐	EKALAKA SECTION HOUSE	Mt 7 Us Highway 51	Ekalaka		-00	$131,633.25
☐	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	$9,840.60
☐	CARBELLA SECTION HOUSE	1682 US-89	Emigrant		2,100	$110,495.70
☐	CARBELLA SIGN SHED	1682 US-89	Emigrant		-00	$34,150.20
☐	CARBELLA STORAGE SHED	1682 US-89	Emigrant		-00	$11,464.95
☐	CARBELLA YARD	1682 US-89	Emigrant		-00	$4,593.75
☐	EMIGRANT REST AREA	Mt Highway 89 Mp 23.7	Emigrant		742	$1,103,942.70
☐	Bozeman RWIS site Raynold Pass	Mt 87 Milepost 1.2	Ennis		-00	$0.00
☐	DEEP CREEK EQUIPMENT STORAGE	1317 Valley View Dr	Ennis	2004	-00	$4,593.75
☐	ENNIS EQUIPMENT STORAGE	Us Highway 287 Mp 2	Ennis	1968	-00	$4,593.75
☐	ENNIS LOADER SHED	Us Highway 287 Mp 65.2	Ennis	1997	-00	$9,994.95
☐	ENNIS LOADER SHED	291 MT-287	Ennis	1981	-00	$4,593.75
☐	ENNIS REST AREA	1508 MT-287	Ennis		-00	$4,593.75
☐	ENNIS REST AREA	Us Highway 287 Mp 48.7	Ennis		-00	$615,121.50

☐	ENNIS SECTION HOUSE	291 MT-287	Ennis	2015	2,400	$340,459.35
☐	ENNIS SECTION HOUSE OLD	493 MT-287	Ennis	2005	-00	$101,558.10
☐	ENNIS STORAGE SHED	Us Highway 287 Mp 2	Ennis		-00	$39,061.05
☐	Essex Blower Shed	14650 US-2	Essex	2023	1,500	$53,077.50
☐	Kalispell RWIS site Essex	Us2 Milepost 179.0	Essex		-00	$0.00
☐	EUREKA EQUIPMENT STORAGE	210 MT-37	Eureka		-00	$102,372.90
☐	EUREKA EQUIPMENT STORAGE BUILDING	65971 MT-37	Eureka	2021	5,767	$1,474,439.40
☐	EUREKA SALT BIN	65971 MT-37	Eureka	1998	-00	$39,061.05
☐	EUREKA SECTION HOUSE	65971 MT-37	Eureka		-00	$46,837.35
☐	EUREKA SIGN SHED	65971 MT-37	Eureka		-00	$229,872.30
☐	Kalispell RWIS site Dickey lake	Us93 Milepost 160.2	Eureka		-00	$0.00
☐	FLAXVILLE EQUIPMENT STORAGE	US Highway 5	Flaxville	1956	-00	$63,349.65
☐	FORSYTH GAS HOUSE STORAGE	2275 Front St	Forsyth	2011	-00	$406,233.45
☐	FORSYTH PICKUP SHED	2275 Front St	Forsyth		-00	$4,593.75
☐	FORSYTH SECTION HOUSE	2275 Front St	Forsyth	1985	-00	$243,743.85
☐	FORSYTH TRUCK SHED	2275 Front St	Forsyth		-00	$4,593.75
☐	FORSYTH WEIGH STATION EAST	Interstate 94 Mp 98.6	Forsyth	1955	200	$114,252.60
☐	FORSYTH WEIGH STATION WEST	Interstate 94 Mp 98.5	Forsyth		200	$33,852.00
☐	FUEL VAULT STORAGE	4306 Forsyth	Forsyth	1990	200	$8,474.55
☐	FORT BENTON EQUIPMENT STORAGE	43001 US-87	Fort Benton		4,816	$539,590.80
☐	FORT BENTON LOADER SHED	43001 US-87	Fort Benton		-00	$4,915.05
☐	FORT BENTON SECTION HOUSE	43001 US-87	Fort Benton		-00	$30,465.75
☐	FORT BENTON SIGN SHED	43001 US-87	Fort Benton		-00	$9,994.95
☐	FRENCHTOWN WEIGH STATION EAST	Interstate 90 Exit 92	Frenchtown		222	$34,150.20
☐	FRENCHTOWN WEIGH STATION WEST	Interstate 90 Mm 92.5	Frenchtown		222	$4,915.05
☐	GATEWAY LOADER SHED	72001 Gallatin Rd	Gallatin Gateway		-00	$461,279.70
☐	GATEWAY SECTION HOUSE	72001 Gallatin Rd	Gallatin Gateway		-00	$26,271.00
☐	GARDNIER POINT OF ENTRY	Mt Highway Mp.7	Gardiner		-00	$11,127.90
☐	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	$8,474.55
☐	GLASGOW COLD MIX STORAGE SHED	54083 US-2	Glasgow		222	$9,840.60
☐	GLASGOW END STORAGE SHED	4205 Glasgow	Glasgow	1990	200	$8,474.55
☐	GLASGOW EQUIPMENT COLD STORAGE 3 BAY	54083 US-2	Glasgow	1958	-00	$905,367.75
☐	GLASGOW EQUIPMENT SHOP	54083 US-2	Glasgow	1998	-00	$162,494.85
☐	GLASGOW EUQIPMENT SHOP 5 BAY	54083 US-2	Glasgow		-00	$1,973,045.55
☐	GLASGOW REST AREA	Mt Highway 2 Mp 527.2	Glasgow		1,200	$152,339.25
☐	GLASGOW REST AREA PICNIC ARBOR	4205 Glasgow	Glasgow	1990	200	$8,474.55
☐	GLASGOW REST AREA PICNIC ARBOR	4205 Glasgow	Glasgow	1990	200	$8,474.55
☐	GLASGOW REST AREA PICNIC ARBOR	4205 Glasgow	Glasgow	1990	200	$8,474.55
☐	GLASGOW REST AREA PIINIC ARBOR	Mt Highway 2 Mp 527.2	Glasgow	2009	-00	$586,909.05
☐	GLASGOW REST AREA PINIC ARBOR	Mt Highway 2 Mp 527.2	Glasgow	1970	-00	$111,715.80
☐	GLASGOW REST AREA PINIC ARBOR	Mt Highway 2 Mp 527.2	Glasgow	1998	-00	$102,372.90
☐	GLASGOW REST AREA TIN SHED	4205 Glasgow	Glasgow	1990	200	$8,474.55
☐	GLASGOW RWIS SITE	54083 US-2	Glasgow	2020	1	$0.00
☐	GLASGOW SAND HOUSE	54083 US-2	Glasgow	1971	222	$9,840.60
☐	GLASGOW SECTION HOUSE	54083 US-2	Glasgow	2015	2,222	$1,973,045.55
☐	GLASGOW SIGN SHED	4205 Glasgow	Glasgow	1990	200	$8,474.55
☐	GLASGOW SIGN SHED	54083 US-2	Glasgow		222	$9,840.60
☐	GLASGOW STORAGE SHED	54083 US-2	Glasgow		222	$9,840.60
☐	GLASGOW TOOL SHED	54083 US-2	Glasgow		222	$9,840.60
☐	GLASGOW TOOL SHED	4205 Glasgow	Glasgow	1990	200	$8,474.55
☐	GLEN LOADER SHED	Interstate 15 Mp 85.2	Glen	1960	448	$23,544.15
☐	BAD ROUTE REST AREA	503 N River Ave	Glendive	1949	-00	$422,485.35
☐	GLENDIVE DISTRICT OFFICE	503 N River Ave	Glendive	2013	23,691	$2,630,726.70
☐	GLENDIVE EQUIPMANT SHOP 7 BAY	503 N River Ave	Glendive		5,376	$448,481.25
☐	GLENDIVE EQUIPMENT SHOP	503 N River Ave	Glendive		2,222	$365,612.10
☐	GLENDIVE EQUIPMENT SHOP 5 BAY	503 N River Ave	Glendive		3,600	$545,979.00

☐	GLENDIVE EQUIPMENT SHOP 6 BAY	503 N River Ave	Glendive	1970	4,416	$209,284.95
☐	GLENDIVE EQUIPMENT SHOP 8 BAY	503 N River Ave	Glendive	1970	4,160	$197,152.20
☐	GLENDIVE EQUIPMENT SHOP WEST	123 River Rd	Glendive		2,222	$105,306.60
☐	GLENDIVE EQUIPMENT STORAGE	X-11315 Mp .7	Glendive	1970	222	$9,840.60
☐	GLENDIVE GAS CONTAINMENT SHED	425 State St	Glendive	1980	-00	$2,194,025.40
☐	GLENDIVE MAINTENANCE SECTION HOUSE	11315 Mile Post .7	Glendive		-00	$81,249.00
☐	Glendive Radio Equipment	Makoshika Park	Glendive		300	$5,075.70
☐	GLENDIVE REST AREA GARBAGE SHED	11102 Mp .2	Glendive	1960	-00	$4,593.75
☐	GLENDIVE REST AREA UTILITY SHED	11102 Mp .2	Glendive	1960	-00	$243,743.85
☐	GLENDIVE STEAM CLEANING BUILDING	503 N River Ave	Glendive	1987	960	$42,554.40
☐	GLENDIVE STORAGE CONSTRUCTION	503 N River Ave	Glendive	1953	-00	$411,359.55
☐	GLENDIVE STORAGE LAB	503 N River Ave	Glendive	1958	-00	$11,127.90
☐	GLENDIVE STORAGE SHED	503 N River Ave	Glendive	1960	640	$35,104.65
☐	GLENDIVE STORAGE STOCK	123 River Rd	Glendive	1980	7,500	$35,104.65
☐	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	$115,699.50
☐	GOLD CREEK REST AREA WEST	Interstate 90 Mp 167	Gold Creek		1,200	$115,699.50
☐	GRASS RANGE DISTRICT OFFICE	11418 MT-200	Grass Range	2017	4,530	$460,062.75
☐	GRASS RANGE STOCKPILE WEST	Mt Highway 200	Grass Range	2011	-00	$4,593.75
☐	GRASS RANGE STORAGE	11418 MT-200	Grass Range	1970	384	$21,063.00
☐	BOWMANS CORNER BRINE TANK	Mt Highway 200 Mp 108.1	Great Falls	2005	4,160	$176,035.65
☐	BOWMANS CORNER SAND SHED	Mt Highway 200 Mp 108.1	Great Falls		-00	$49,127.40
☐	EMERSON BRINE PLANT	Interstate 15 Mp 282.5	Great Falls	2011	6,400	$328,621.65
☐	EMERSON SAND HOUSE	Interstate 15 Mp 282.5	Great Falls	1957	4,160	$228,169.20
☐	GORE HILL WEIGH STATION	Interstate 15 Mp 275	Great Falls		200	$33,852.00
☐	GREAT FALLS CAPRENTER SHOP	C5203 North Mm 1.5	Great Falls		1,084	$63,568.05
☐	GREAT FALLS CONSTRUCTION BUILDING	200 Smelter Ave NE	Great Falls		2,222	$4,915.05
☐	GREAT FALLS CONSTRUCTION SHED	200 Smelter Ave NE	Great Falls		4,640	$205,681.35
☐	GREAT FALLS CONSTRUCTION SHED MIDDLE	200 Smelter Ave NE	Great Falls		222	$9,840.60

☐	GREAT FALLS CONSTRUCTION TRAILER	200 Smelter Ave NE	Great Falls		555	$24,603.60
☐	GREAT FALLS CONSTRUCTION TRAILER MIDDLE	200 Smelter Ave NE	Great Falls		555	$24,603.60
☐	GREAT FALLS CONSTRUCTION TRAILER NORTH	200 Smelter Ave NE	Great Falls		555	$24,603.60
☐	GREAT FALLS CONTRUCTION SHED WEST	200 Smelter Ave NE	Great Falls		-00	$30,465.75
☐	GREAT FALLS DISTRICT OFFICE	200 Smelter Ave NE	Great Falls		18,024	$3,060,484.35
☐	GREAT FALLS EQUIPMENT SHOP	200 Smelter Ave NE	Great Falls	1965	-00	$599,739.00
☐	GREAT FALLS EQUIPMENT SHOP AND OFFICE	200 Smelter Ave NE	Great Falls		18,024	$854,202.30
☐	GREAT FALLS FILE STORAGE	200 Smelter Ave NE	Great Falls		-00	$4,593.75
☐	GREAT FALLS FLAMMABLE STORAGE SHED	200 Smelter Ave NE	Great Falls		222	$9,840.60
☐	GREAT FALLS LAB	C5203 North Mp 1.5	Great Falls		-00	$4,915.05
☐	GREAT FALLS LAB SHED	C5203 North Mp 1.5	Great Falls		-00	$30,465.75
☐	GREAT FALLS LOADER SHED	200 Smelter Ave NE	Great Falls		-00	$23,694.30
☐	GREAT FALLS LOADER SHED	Mt Highway 89 Mp 43.90	Great Falls		-00	$30,465.75
☐	GREAT FALLS MAINTENANCE SHED EAST	200 Smelter Ave NE	Great Falls		560	$373,734.90
☐	GREAT FALLS MAINTENANCE SHED WEST	200 Smelter Ave NE	Great Falls		555	$101,558.10
☐	GREAT FALLS MAINTENANCE SHOP NORTH	200 Smelter Ave NE	Great Falls		5,555	$263,266.50
☐	GREAT FALLS MAINTENANCE SHOP SOUTH	200 Smelter Ave NE	Great Falls		5,555	$263,266.50
☐	GREAT FALLS OIL AND GREASE WAREHOUSE	C5203 North Mp 1.5	Great Falls		624	$21,123.90
☐	GREAT FALLS PAINT SHOP	C5203 North Mp 1.5	Great Falls	1955	555	$4,593.75
☐	GREAT FALLS POLE BARN	C5203 North Mp 1.5	Great Falls		100	$4,434.15
☐	GREAT FALLS R FUND STORAGE	200 Smelter Ave NE	Great Falls		222	$9,840.60
☐	GREAT FALLS RECORD STORAGE	200 Smelter Ave NE	Great Falls		555	$24,603.60
☐	Great Falls Records Storage	200 Smelter Ave NE	Great Falls		1,084	$59,453.10
☐	GREAT FALLS SECTION HOUSE	200 Smelter Ave NE	Great Falls	1998	3,680	$258,209.70
☐	GREAT FALLS SHED	C5203 North Mp 1.5	Great Falls		222	$9,840.60
☐	GREAT FALLS STEAM CLEANING	C5203 North Mp 1.5	Great Falls	1967	1,680	$98,513.10
☐	GREAT FALLS STORAGE	Na	Great Falls	1955	576	$4,593.75
☐	GREAT FALLS STORES BUILDING	Na	Great Falls	2009	2,400	$31,593.45
☐	GREAT FALLS TAP SHED	200 Smelter Ave Ne	Great Falls		222	$9,840.60

☐	GREAT FALLS WASH BAY	200 Smelter Ave Ne	Great Falls		222	$9,840.60
☐	GREAT FALLS WELDING AND PAINT SHOP	C5203 North Mp 1.5	Great Falls		3,000	$509,407.50
☐	GREAT FALLS WELDING SHOP EAST	C5203 North Mp 1.5	Great Falls	2017	-00	$4,593.75
☐	GREAT FALLS WELDING SHOP STORAGE	Na	Great Falls	1963	-00	$4,915.05
☐	GREAT FALLS YARD	C5203 North Mp 7.5	Great Falls		2,222	$98,497.35
☐	ROGERS PASS EQUIPMENT STORAGE	37048 Us Highway 12 West	Great Falls	2007	3,060	$121,970.10
☐	CLEARWATER WEIGH STATION	Mt 83 And Highway 200	Greenough		200	$4,915.05
☐	GREYCLIFF REST AREA EAST	Interstate 90 Mp 381	Greycliff		2,500	$340,459.35
☐	GREYCLIFF REST AREA WEST	Interstate W Mp 380	Greycliff		2,500	$340,459.35
☐	HAMILTON COMPOST STATION	Us Highway 93 Mp 62.7	Hamilton		111	$4,921.35
☐	HAMILTON EQUIPMENT SHOP 10 BAY	909 Hub Ln	Hamilton		6,436	$369,672.45
☐	HAMILTON LOADER SHED	Mt Highway 93 Mp 8.4	Hamilton		222	$9,840.60
☐	HAMILTON LOADER SHED	Us Highway 93 Mp 62.7	Hamilton		222	$9,840.60
☐	HAMILTON SECTION HOUSE	909 Hub Ln	Hamilton		-00	$4,915.05
☐	HAMILTON SIGN SHED	909 Hub Ln	Hamilton	1999	493	$4,593.75
☐	HAMILTON STOCKPILE SITE	Mt Highway 93 Mp 8.4	Hamilton		222	$9,840.60
☐	HAMILTON STOCKPILE SITE	Us Highway 93 Mp 44	Hamilton		222	$9,840.60
☐	HAMILTON STOCKPILE SITE	Us Highway 93 Mp 62.7	Hamilton		222	$9,840.60
☐	HARDIN EQUIPMENT STORAGE	36336 Old Hwy 87	Hardin	2005	1,200	$39,061.05
☐	HARDIN LAB SHED	36336 Old Hwy 87	Hardin		100	$4,434.15
☐	HARDIN REST AREA EAST	Interstate 90 Mp 476.4	Hardin	2010	1,200	$680,917.65
☐	HARDIN REST AREA WEST	Interstate 90 Mp 476.5	Hardin	1980	1,200	$680,917.65
☐	HARDIN SECTION HOUSE	36336 Old Hwy 87	Hardin	2005	5,600	$4,593.75
☐	HARDIN SIGN SHED	36336 Old Hwy 87	Hardin		420	$18,617.55
☐	HARDIN TOOL SHED	36336 Old Hwy 87	Hardin	2005	5,600	$248,234.70
☐	HARLEM DEICER PUMP SHED	300 4Th St SW	Harlem		-00	$28,106.40
☐	HARLEM EQUIPMENT STORAGE	300 4Th St SW	Harlem		-00	$113,746.50
☐	HARLEM EQUIPMENT STORAGE OLD	300 4Th St SW	Harlem		2,800	$284,364.15
☐	HARLEM LOADER SHED	1649 US-2	Harlem		512	$22,694.70

☐	HARLEM SECTION HOUSE	300 4Th St SW	Harlem		1,344	$63,694.05
☐	HARLEM SHED NORTH	300 4Th St SW	Harlem		222	$9,840.60
☐	HARLEM SIGN SHED	300 4Th St SW	Harlem		222	$9,840.60
☐	HARLEM STORAGE SHED	300 4Th St SW	Harlem		222	$9,840.60
☐	HARLOWTOWN EQUIPMENT SHOP 3 BAY	1749 Hwy St E	Harlowton	2002	2,576	$333,926.25
☐	HARLOWTOWN PUMP HOUSE	1749 Hwy St E	Harlowton	1942	29	$141,414.00
☐	HARLOWTOWN SAND HOUSE	1749 Hwy St E	Harlowton	1999	2,400	$101,558.10
☐	HARLOWTOwN SECTION HOUSE	1749 Hwy St E	Harlowton		2,222	$105,306.60
☐	HARLOWTOWN WEIGH STATION	Mt Highway 191	Harlowton		222	$33,852.00
☐	Lewiston RWIS site Judity Gap	5309 Harlowtown	Harlowton		-00	$0.00
☐	HARRISON EQUIPMENT SHOP 2 BAY	7591 US-287	Harrison	1957	3,333	$243,743.85
☐	HARRISON EQUIPMENT STORAGE	7591 US-287	Harrison	2000	222	$9,840.60
☐	HARRISON LOADER SHED	7591 US-287	Harrison	1961	560	$30,465.75
☐	HARRISON SECTION HOUSE	7591 US-287	Harrison		-00	$85,309.35
☐	HARRISON STORAGE SHED	7591 US-287	Harrison		-00	$117,278.70
☐	HATHAWAY REST AREA EAST	Hathaway	Hathaway		-00	$680,917.65
☐	HATHAWAY REST AREA EAST	Interstate 94 Mp 113.5	Hathaway		-00	$9,994.95
☐	HATHAWAY REST AREA EAST	Hathaway	Hathaway		-00	$9,994.95
☐	HATHAWAY REST AREA INFORMATION KIOSK	Interstate 94 Mp 112.6	Hathaway	1961	-00	$101,558.10
☐	HATHAWAY REST AREA STORAGE	Interstate 94 Mp 113.5	Hathaway	1937	-00	$4,593.75
☐	HATHAWAY REST AREA STORAGE WEST	Interstate 94 Mp 112.6	Hathaway		-00	$4,593.75
☐	HATHAWAY REST AREA WEST	Interstate 94	Hathaway		-00	$9,994.95
☐	HATHAWAY REST AREA WEST	Interstate 94	Hathaway	2014	-00	$680,917.65
☐	HATHAWAY REST AREA WEST	Interstate 94 Mp 112.6	Hathaway	1990	-00	$9,994.95
☐	HATHAWAY SAND SHED	Old Mt Highway 10 Mp 13.5	Hathaway		2,400	$4,593.75
☐	HAUGAN WEIGH STATION EAST	Interstate 90 Mp 15	Haugan		-00	$33,852.00
☐	HAUGAN WEIGH STATION WEST	Interstate 90 Mp 15	Haugan		200	$33,852.00
☐	TAFT SAND STORAGE	Interstate 15 Mp 5.8	Haugan		2,800	$4,593.75
☐	HAVRE AIRFORCE SHED	1649 US-2	Havre	1974	100	$4,593.75

☐	HAVRE CARPENTER SHOP	1649 US-2	Havre		222	$9,840.60
☐	HAVRE COLD SHED	1649 US-2	Havre		100	$4,593.75
☐	HAVRE CONSTRUCTION CREW STORAGE	3201 Havre Section	Havre	1990	200	$8,474.55
☐	HAVRE CRAFCO SHED	1649 US-2	Havre		100	$4,593.75
☐	HAVRE DISTRICT OFFICE	1649 US-2	Havre		21,276	$1,008,323.40
☐	HAVRE EQUIPMENT STORAGE	1649 US-2	Havre	1987	1,728	$146,246.10
☐	HAVRE LAB	1649 US-2	Havre		2,664	$118,088.25
☐	HAVRE LAB	1649 US-2	Havre		2,222	$156,216.90
☐	HAVRE LAB AND STORAGE	1649 US-2	Havre		555	$24,603.60
☐	HAVRE MAINTENANCE SHOP 6 BAY	1649 US-2	Havre	1960	4,250	$249,223.80
☐	HAVRE PUMP SHED	1649 US-2	Havre		222	$9,840.60
☐	Havre Radio Equipment	Mount Royal	Havre		-00	$0.00
☐	Havre RWIS Site Sunburst	Interstate 15 Mm 389	Havre		1,512	$24,609.90
☐	HAVRE SAND HOUSE	1649 US-2	Havre		2,400	$243,743.85
☐	HAVRE SHOP STORAGE	1649 US-2	Havre		222	$9,840.60
☐	HAVRE SIGN SHED	1649 US-2	Havre	2017	100	$4,434.15
☐	HAVRE STORAGE	1649 US-2	Havre		222	$9,840.60
☐	HAVRE STORAGE SHED	1649 US-2	Havre		222	$9,840.60
☐	HAVRE STORAGE SHED	1649 US-2	Havre		4,250	$188,392.05
☐	HAVRE TIRE SHED	1649 US-2	Havre		555	$24,603.60
☐	HAVRE TOOL STORAGE	1649 US-2	Havre	2018	555	$24,603.60
☐	HAVRE WEIGH STATION	29832 Wild Horse Rd	Havre		222	$33,852.00
☐	HAVRE WEIGH STATION	87 US-2	Havre		400	$42,938.70
☐	HAVRE WELDING AND CARPENTER SHOP	1649 US-2	Havre	2002	1,000	$54,847.80
☐	HAVRE WELDING SHOP	1649 US-2	Havre		1,000	$44,326.80
☐	Lewistown RWIS site Hays	Mt66 Milepost 10.5	Hays		-00	$0.00
☐	HELENA ENVIRONMENTAL	1024 Helena	Heart Butte	1990	200	$8,474.55
☐	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	$8,474.55
☐	HELENA AERONAUTICS GARGAGE	2104 Helena	Helena	1990	5,000	$226,499.70
☐	HELENA AERONAUTICS STORAGE	2104 Helena	Helena	1990	10	$412.65
☐	HELENA BRIDGE STORAGE	1024 Helena	Helena	1990	200	$8,474.55
☐	HELENA CHEMISTRY	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA CIVIL RIGHTS	1024 Helena	Helena	1990	200	$8,474.55
☐	HELENA CIVIL RIGHTS STORAGE	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA CORE DRILL BUILDING	275 18Th St	Helena	1960	18,939	$2,127,150.90
☐	HELENA CORE DRILL SHIPPING CONTAINER	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA CORE DRILL STORAGE	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA CORE DRILL TENT	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA ENVIRONMENTAL RESOURCE	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA ENVIRONMENTAL STORAGE	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA EQUIPMENT SHOP	2104 Helena	Helena	1990	15,000	$679,494.90
☐	HELENA EQUIPMENT STORAGE	324 18th St	Helena	1990	3,333	$147,744.45
☐	HELENA FURNITURE TENT	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA GREAT FALLS CONSTRUCTION	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA GREAT FALLS CONSTRUCTION STORAGE	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA HEADQUARTERS OFFICE	2104 Helena	Helena	1990	100,000	$10,260,637.80
☐	Helena Headquarters Office Complex	2701 Prospect Ave	Helena	1978	186,236	$41,325,588.15
☐	Helena Headquarters Shop Complex	2701 Prospect Ave	Helena	1981	28,470	$4,428,631.20
☐	Helena Headquarters Sign and Maintenance Shop	2701 Prospect	Helena	1985	3,600	$197,455.65
☐	HELENA HEADQUARTERS STORAGE LAWN MAINTENANCE STORAGE	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA HQ SHIPPING CONTAINER	1024 Helena	Helena	1990	200	$8,474.55
☐	HELENA HROS	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA LAB STORAGE	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA LOADER SHED	2701 Prospect	Helena	2010	560	$30,465.75
☐	HELENA LOADER SHED	2701 Prospect	Helena	2015	222	$30,465.75

☐	HELENA MAINTENANCE STORAGE	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA MAINTENANCE STORAGE TENT	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA MCS	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA MDT HANGER	2104 Helena	Helena	1990	1,000	$42,370.65
☐	HELENA MOTOR POOL	2701 Prospect	Helena	1990	1,000	$132,822.90
☐	HELENA NON DESTRUCTIVE TESTING	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA PLANNING SHIPPING CONTAINER	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA PLANNING SHIPPING CONTAINER	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA RESTROOM VAULT	Interstate 15 Mp 209	Helena		1,000	$96,414.15
☐	HELENA SECTION HOUSE	324 18Th St	Helena	2011	16,000	$1,682,331.00
☐	HELENA SHED	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA SHED	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA SHIPPING CONTAINER	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA SHIPPING CONTAINER	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA SIGN SHOP STORAGE	2104 Helena	Helena	1990	-00	$8,474.55
☐	HELENA STORAGE	324 18Th St	Helena		222	$9,840.60
☐	HELENA SURVEY	2104 Helena	Helena	1990	200	$8,474.55
☐	HELENA TEBA	2104 Helena	Helena	1990	200	$8,474.55
☐	LINCOLN PIT SECTION HOUSE	7410 N Montana Ave	Helena		2,222	$105,306.60
☐	LYONS CREEK REST AREA NORTH	Interstate 15 Mp 221	Helena	2011	-00	$9,994.95
☐	LYONS CREEK REST AREA SOUTH	Interstate 15 Mp 221	Helena		-00	$9,994.95
☐	MACDONALD PASS CHURCH CAMP	Mt Highway 12 Mp 16.8	Helena		-00	$4,593.75
☐	MACDONALD PASS EQUIPMENT SHOP 3 BAY	6980 US-12	Helena		2,052	$164,380.65
☐	MACDONALD PASS SECTION HOUSE	6980 US-12	Helena		1,500	$85,449.00
☐	RIMINI EQUIPMENT STORAGE	6980 US-12	Helena		-00	$270,823.35
☐	RIMINI SAND HOUSE	6980 US-12	Helena		-00	$487,482.45
☐	YORK LOADER SHED	York Rd Mp 16	Helena		222	$9,840.60
☐	Great Falls RWIS site Helmville	Mt200 Milepost 53.3	Helmville		-00	$0.00
☐	HOT SPRINGS SALT SHED	1626 MT-28	Hot Springs		100	$558,573.75

☐	HOT SPRINGS SECTION HOUSE	1626 MT-28	Hot Springs	1971	-00	$4,593.75
☐	HOT SPRINGS SIGN SHED	1626 MT-28	Hot Springs	1966	2,752	$121,990.05
☐	MAGPIE CREEK LOADER SHED	Mt Highway 200 Mp 101	Hot Springs		-00	$4,593.75
☐	Billings Radio Equipment	Hysham	Hysham		300	$3,385.20
☐	HYSHAM EQUIPMENT SHED	321 Spurling St	Hysham		-00	$4,593.75
☐	HYSHAM EQUIPMENT STORAGE	321 Sprurling St	Hysham	1966	2,752	$279,490.05
☐	HYSHAM REST AREA EAST	Interstate 94 Mp 64.7	Hysham	2000	1,200	$680,917.65
☐	HYSHAM REST AREA STORAGE	Interstate 94 Mp 63.1	Hysham		222	$9,840.60
☐	HYSHAM REST AREA WEST	Interstate 94 Mp 64.8	Hysham		1,200	$680,917.65
☐	HYSHAM SECTION HOUSE	321 Spurling St	Hysham	1965	2,222	$105,306.60
☐	INGOMAR SECTION HOUSE	Us Highway 12 Mp 229.8	Ingomar	2004	-00	$168,996.45
☐	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	$9,994.95
☐	FIDDLEBACK REST AREA VAULT WEST	Mt Highway 12 Mp 43.6	Ismay	1999	-00	$9,994.95
☐	FIDDLEBACK SECTION HOUSE	10241 US-12	Ismay		-00	$9,994.95
☐	FIDDLEBACK SIGN SHOP	10241 US-12	Ismay	1969	-00	$11,127.90
☐	Butte Radio Equipment	Jackson	Jackson		300	$27,930.00
☐	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	$21,410.55
☐	JEFFERSON CITY REST AREA NORTH	Interstate 15 Mp 178.2	Jefferson City		222	$21,404.25
☐	JEFFERSON CITY REST AREA SOUTH	Interstate 15 South	Jefferson City			$340,459.35
☐	ROCKVALE HOUSE RENTAL	4403 US-310	Joliet	2001	1,111	$51,145.50
☐	FLOWING WELLS EQUIPMENT STORAGE	11 Us Highway 24	Jordan	2005	-00	$340,459.35
☐	FLOWING WELLS REST AREA	Mt Highway 200 Mp 248	Jordan	1999	1,500	$75,829.95
☐	FLOWING WELLS REST AREA PINIC ARBOR EAST	Mt Highway 200 Mp 249.57	Jordan	2010	-00	$200,680.20
☐	FLOWING WELLS REST AREA PINIC ARBOR WEST	Mt Highway 200 Mp 248	Jordan		-00	$11,127.90
☐	FLOWING WELLS REST AREA STORAGE SHED	Mt Highway 200 Mp 248	Jordan		-00	$39,061.05
☐	FLOWING WELLS REST AREA STORAGE SHED	Mt Highway 200 Mp 248	Jordan		-00	$16,927.05

☐	FLOWING WELLS SAND HOUSE	11 MT-24	Jordan	2005	-00	$4,593.75
☐	FLOWING WELLS SECTION HOUSE	11 MT-24	Jordan	1972	-00	$30,465.75
☐	FLOWING WELLS TRAILER SITE	52 Montana Highway 5 East	Jordan		-00	$10,531.50
☐	FLOWING WELLS TRAILER SITE	52 Montana Highway 5 East	Jordan	2015	-00	$243,743.85
☐	Glendive Radio Equipment	Jordan	Jordan		300	$17,111.85
☐	JORDAN GAS SHED	4212 Jordan	Jordan	1990	200	$8,474.55
☐	JORDAN GAS SHED	8265 MT-59	Jordan		222	$9,840.60
☐	JORDAN RWIS SITE	4212 Jordan	Jordan	2020	1	$0.00
☐	JORDAN SIGN SHED	4212 Jordan	Jordan	1990	200	$8,474.55
☐	JORDAN SIGN SHED	8265 MT-59	Jordan		222	$9,840.60
☐	JORDAN TOOL SHED	8265 MT-59	Jordan		222	$9,840.60
☐	JORDAN TOOL SHED	4212 Jordan	Jordan	1990	200	$8,474.55
☐	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	$9,840.60
☐	GOAT CREEK SALT STORAGE	Mt Highway 83 Mp 58.8	Kalispell		222	$4,593.75
☐	GOAT CREEK SAND STORAGE	Mt Highway 83 Mp 58.8	Kalispell	1977	222	$4,593.75
☐	JENNIINGS STOCKPILE	211 State Lands Office Rd	Kalispell		2,400	$106,387.05
☐	JENNINGS EQUIPMENT STORAGE	Mt 37 Mp 14	Kalispell		1,800	$152,339.25
☐	JENNINGS EQUIPMENT STORAGE	Mt 37 Mp 14	Kalispell		1,440	$121,869.30
☐	JENNINGS GREEN STORAGE	211 State Lands Office Rd	Kalispell		222	$9,840.60
☐	JENNINGS SAND HOUSE	211 State Lands Office Rd	Kalispell		2,400	$101,558.10
☐	KALISPEALL ARMORY CONSTRUCTION TRAILER	66718 US Highway 2	Kalispell		100	$4,593.75
☐	KALISPELL ARMORY CONSTRUCTION STORAGE	2905 US-93	Kalispell		-00	$4,593.75
☐	KALISPELL ARMORY CONSTRUCTION STORAGE	66718 Us Highway 2	Kalispell		100	$4,593.75
☐	KALISPELL ARMORY CONSTRUCTION STORAGE	2905 US-93	Kalispell		100	$4,434.15
☐	KALISPELL ARMORY CONSTRUCTION STORAGE	2905 US-93	Kalispell	2002	100	$4,915.05
☐	KALISPELL ARMORY CONSTRUCTION STORAGE	2905 US-93	Kalispell		-00	$4,593.75

DEPARTMENT OF TRANSPORTATION

☐	KALISPELL ARMORY PIT LOADER SHED	2905 US-93	Kalispell	2004	448	$26,271.00
☐	KALISPELL ARMORY PIT OFFICE	Armory Pit	Kalispell		900	$119,541.45
☐	KALISPELL ARMORY PIT SLICER SHED	2905 US-93	Kalispell		100	$4,593.75
☐	KALISPELL ARMORY SALT STORAGE	2905 US-93	Kalispell		900	$39,895.80
☐	KALISPELL CARPENTER STORAGE	85 5th Ave E N	Kalispell		222	$9,840.60
☐	KALISPELL COLD STORAGE	85 5th Ave E N	Kalispell		222	$9,840.60
☐	KALISPELL COMMUNICATION	85 5th Ave E N	Kalispell		100	$11,127.90
☐	KALISPELL DISTRICT OFFICE	85 5th Ave E N	Kalispell	1998	4,500	$2,607,154.20
☐	KALISPELL EQUIPMENT SHOP	85 5th Ave E N	Kalispell	2013	10,600	$4,915.05
☐	KALISPELL EQUIPMENT SHOP 3 BAY	85 5th Ave E N	Kalispell	2010	1,800	$182,806.05
☐	KALISPELL FILE STORAGE	85 5th Ave E N	Kalispell	1955	100	$4,593.75
☐	KALISPELL LAB	85 5th Ave E N	Kalispell		1,500	$244,132.35
☐	KALISPELL LAB STORAGE	85 5th Ave E N	Kalispell		555	$24,605.70
☐	KALISPELL LOADER SHED	Woods Bay	Kalispell		560	$30,465.75
☐	KALISPELL LOADER SHED	Summit	Kalispell		560	$30,465.75
☐	KALISPELL MAINTENANCE ARMORY STORAGE	2905 Mt Highway 93 North	Kalispell		100	$4,434.15
☐	KALISPELL MAINTENANCE SHOP	85 5th Ave E N	Kalispell		-00	$4,915.05
☐	KALISPELL PAINT SHED	85 5th Ave E N	Kalispell		1,600	$135,414.30
☐	KALISPELL PARTS STORAGE	85 5th Ave E N	Kalispell		100	$4,593.75
☐	Kalispell RWIS site Falthead River	Mt35 Milepost 49	Kalispell		-00	$0.00
☐	KALISPELL SAND HOUSE	85 5th Ave E N	Kalispell		2,400	$101,558.10
☐	KALISPELL SECTION HOUSE 8 BAY	85 5th Ave E N	Kalispell	2013	5,280	$536,231.85
☐	KALISPELL SIGN AND RADIO STORAGE	85 5th Ave E N	Kalispell		2,304	$194,991.30
☐	KALISPELL SIGNAL STORAGE	85 5th Ave E N	Kalispell		-00	$100,258.20
☐	KALISPELL STEAM ROOM	85 5th Ave E N	Kalispell		-00	$101,558.10
☐	KALISPELL STORAGE	85 5th Ave E N	Kalispell		768	$16,927.05
☐	KALISPELL STORAGE	85 5th Ave E N	Kalispell		222	$9,840.60
☐	KALISPELL STORAGE	85 5th Ave E N	Kalispell		222	$9,840.60
☐	KALISPELL STORAGE POLE COVER	85 5th Ave E N	Kalispell		222	$238,588.35

☐	KALISPELL STORAGE SHED	85 5th Ave E N	Kalispell		222	$9,840.60
☐	KALISPELL TIRE AND LUBE	85 5th Ave E N	Kalispell		960	$56,292.60
☐	KALISPELL TRUCK WASH	85 5th Ave E N	Kalispell		1,292	$64,041.60
☐	KALISPELL WEIGH STATION	Mt Highway 2 Mp 115	Kalispell	1978	200	$33,852.00
☐	REXFORD COLD STORAGE	120 Madden Lake Rd	Kalispell		-00	$136,497.90
☐	REXFORD SAND HOUSE	120 Madden Lake Rd	Kalispell		2,400	$101,558.10
☐	LAKESIDE EQUIPMENT STORAGE	820 6th Ave E	Lakeside	2002	-00	$4,915.05
☐	Miles City RWIS site Lame Deer Divide	Us 212 Milepost 50.1	Lame Deer		-00	$0.00
☐	BILLINGS FRONTAGE ROAD WEIGH STATION	6727 Laurel Airport Rd	Laurel	2001	222	$23,830.80
☐	BILLINGS INSPECTION BARN	Interstate 90 Mp 439	Laurel		6,600	$1,284,718.05
☐	BILLINGS WEIGH STATION EAST	Interstate 90 Mp 439	Laurel		800	$33,852.00
☐	BILLINGS WEIGH STATION WEST	Interstaste 90 Mp 439	Laurel		200	$33,852.00
☐	LAUREL CABLE SHED	6727 Laurel Airport Rd	Laurel		64	$2,835.00
☐	LAUREL DEICER TANK	6727 Laurel Airport Rd	Laurel		222	$9,840.60
☐	LAUREL EQUIPMENT STORAGE	6727 Laurel Airport Rd	Laurel	2001	360	$488,275.20
☐	LAUREL LOADER SHED	Mt Highway 310 Mp 49.5	Laurel		-00	$4,593.75
☐	LAUREL SALT SHED	6727 Laurel Airport Rd	Laurel		1,200	$53,193.00
☐	LAUREL SECTION HOUSE	6727 Laurel Airport Rd	Laurel	2001	-00	$4,915.05
☐	LAUREL TIRE SHED	6727 Laurel Airport Rd	Laurel		48	$2,126.25
☐	LAVINA WEIGH STATION	Mt Highway 12 And Mt Highwa	Lavina		200	$33,852.00
☐	LEWISTOWN CARPENTER BUILDING	50 Airport Rd	Lewistown		2,560	$259,989.45
☐	LEWISTOWN DIVISION OFFICE	50 Airport Rd	Lewistown	1977	7,200	$2,119,470.15
☐	LEWISTOWN EQUIPMENT SHOP	50 Airport Rd	Lewistown		10,725	$681,679.95
☐	LEWISTOWN OIL SHED	50 Airport Rd	Lewistown		2,400	$40,624.50
☐	LEWISTOWN OPEN FACE SHED	50 Airport Rd	Lewistown	1990	600	$32,908.05
☐	Lewistown Radio Equipment	Garneill	Lewistown	2008	300	$15,405.60
☐	Lewistown RWIS site Lewistown Divide	Mt200 Milepost 90.3	Lewistown		-00	$0.00
☐	LEWISTOWN SAND HOUSE	50 Airport Rd	Lewistown		-00	$101,558.10
☐	LEWISTOWN SAND HOUSE	50 Airport Rd	Lewistown	1963	-00	$38,082.45

☐	LEWISTOWN SECTION HOUSE	50 Airport Rd	Lewistown	1977	1,600	$93,824.85
☐	LEWISTOWN STEAM CLEANING BUILDING	50 Airport Rd	Lewistown	2017	-00	$210,616.35
☐	LEWISTOWN TOOL SHED	50 Airport Rd	Lewistown		-00	$4,593.75
☐	MOBRIDE LOADER SHED	Mt Highway 191 Mp 86.8	Lewistown		336	$8,335.95
☐	MOBRIDGE LIVING QUARTERS	86689 Us Highway 191	Lewistown		-00	$101,558.10
☐	MOBRIDGE SAND HOUSE	Mt Highway 191 Mp 86.8	Lewistown	2003	2,400	$266,895.30
☐	MOBRIDGE SECTION HOUSE	86689 Us Highway 191	Lewistown		1,760	$19,701.15
☐	CRYSTAL CREEK EQUIPMENT SHOP	66704 US Hwy 2 W	Libby		-00	$204,740.55
☐	CRYSTAL CREEK EQUIPMENT SHOP 2 BAY	33748 Highway 2 S	Libby	2002	2,016	$4,593.75
☐	CRYSTAL CREEK EQUIPMENT STORAGE	33748 Highway 2 S	Libby		1,536	$4,915.05
☐	CRYSTAL CREEK PRIVATE RESIDENCE	66704 US Hwy 2 W	Libby	2008	-00	$4,772.25
☐	CRYSTAL CREEK PRIVATE STORAGE	66704 US Hwy 2 W	Libby	2010	100	$65,103.15
☐	CRYSTAL CREEK PRIVATE STORAGE BUILDING	66704 US Hwy 2 W	Libby	2008	100	$4,593.75
☐	CRYSTAL CREEK PRIVATE WOOD SHED	66704 US Hwy 2 W	Libby		100	$4,593.75
☐	CRYSTAL CREEK SALT TENT	66704 US Hwy 2 W	Libby		100	$65,103.15
☐	CRYSTAL CREEK SANDER RACK	66704 US Hwy 2 W	Libby		-00	$64,997.10
☐	CRYSTAL CREEK SANDER RACK	66704 US Hwy 2 W	Libby		-00	$155,991.15
☐	CRYSTAL CREEK SECTION HOUSE	66704 US Hwy 2 W	Libby	2002	-00	$35,104.65
☐	CRYSTAL CREEK SECTION HOUSE TRAILER	66704 US Hwy 2 W	Libby		-00	$136,899.00
☐	Jennings Sand Storage	267 State Lands Office Rd	Libby	2023	5,000	$176,925.00
☐	Kalispell RWIS site Crystal Creek	Us2 Milepost 53.1	Libby		-00	$0.00
☐	LIBBY BRINE SHED	Us Highway 2 Mp 35	Libby		560	$27,528.90
☐	LIBBY BRINE TENT	Us Highway 2 Mp 35.2	Libby	2011	222	$9,840.60
☐	LIBBY EQUIPMENT SHOP	35838 Us Highway 2	Libby		-00	$26,271.00
☐	LIBBY EQUIPMENT SHOP 6 BAY	3098 Highway 2 South	Libby		4,520	$249,223.80
☐	LIBBY EQUIPMENT STORAGE	Us 2 Mp 35.2	Libby		1,600	$93,824.85
☐	LIBBY LOADER SHED	Us 2 Mp 35.2	Libby		960	$64,997.10
☐	LIBBY MECHANICS EQUIPMENT SHOP	35838 Us Highway 2	Libby	2015	-00	$65,103.15
☐	LIBBY QUONSET	Us Highway 2 Mp 35.2	Libby		555	$24,603.60

☐	LIBBY SAND STORAGE	35838 Us Highway 2	Libby		4,000	$9,994.95
☐	Libby Section Sand Storage	35838 Us Hwy 2	Libby	2023	6,000	$212,310.00
☐	LIBBY SIGN SHOP	Us Highway 2 Mp 35.2	Libby		100	$4,593.75
☐	THOMPSON RIVER LOADER SHED	Us Highway 2 Mp 35.2	Libby		222	$9,840.60
☐	THOMPSON RIVER SALT SHED	Us Highway 2 Mp 35.2	Libby		222	$9,840.60
☐	Butte RWIS site Monida Pass	I-15 Milepost 0.3	Lima		-00	$0.00
☐	LIMA FENCING STORAGE	200 Reeder Rd	Lima		-00	$773,084.55
☐	LIMA QUONSET BUILDING	200 Reeder Rd	Lima		-00	$101,558.10
☐	LIMA REST AREA	24 W Bailey	Lima	1962	1,200	$1,066,558.50
☐	LIMA SECTION HOUSE	200 Reeder Rd	Lima		-00	$4,593.75
☐	LIMA TIRE STORAGE	200 Reeder Rd	Lima		-00	$4,593.75
☐	LIMA TRUCK PARKING	Interstate 15 Mp 15	Lima		-00	$4,593.75
☐	LIMA VAULT NORTH	Interstate 15 Mp 33.84	Lima	1970	-00	$243,743.85
☐	LIMA VAULT SOUTH	Interstate 15 Mp 33.82	Lima		-00	$4,593.75
☐	LIMA WEIGH STATION	Interstate 15 Mp 16	Lima		200	$33,852.00
☐	ALICE CREEK LOADER SHED	Mt Highway 200 Mp 82.9	Lincoln	2005	800	$13,411.65
☐	Great Falls RWIS site Rogers Pass	Mt200 Milepost 90.8	Lincoln		-00	$0.00
☐	LIBBY SECTION HOUSE	35838 Us Highway 2	Lincoln	1970	-00	$1,973,045.55
☐	LINCOLN LOADER SHED	Mt Highway 141 North Mp 27.	Lincoln	1993	-00	$73,238.55
☐	LINCOLN SECTION HOUSE	4546 W Mt Highway 200	Lincoln	2018	-00	$507,790.50
☐	ROGERS PASS GAS SHED	5380 Us Highway 200	Lincoln		-00	$4,593.75
☐	ROGERS PASS GENERATOR SHED	5380 Us Highway 200	Lincoln		100	$11,127.90
☐	ROGERS PASS LOADER SHED	Mt Highway 200 Mp 82.9	Lincoln		770	$9,994.95
☐	ROGERS PASS SAND HOUSE	5380 Us Highway 200	Lincoln		2,400	$4,593.75
☐	ROGERS PASS TOOL SHED	5380 Us Highway 200	Lincoln		222	$4,593.75
☐	Glendive Radio Equipment	Lindsay Divide	Lindsay		300	$3,385.20
☐	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 US-89	Livingston	2005	-00	$219,367.05
☐	LIVINGSTON BAILEY BRIDGE STORAGE	26 W End Rd	Livingston		-00	$4,593.75
☐	LIVINGSTON EQUIPMENT SHOP 6 BAY	26 W End Rd	Livingston	1960	4,400	$258,017.55
☐	LIVINGSTON EQUIPMENT STORAGE 2 BAY	2202 Livingston	Livingston	1990	1,000	$42,370.65
☐	LIVINGSTON EQUIPMENT STORAGE 2 BAY STORAGE	26 W End Rd	Livingston		2,304	$233,993.55
☐	LIVINGSTON HOPPER EQUIPMENT STORAGE	West End Rd Mp 5	Livingston	2018	-00	$52,777.20
☐	LIVINGSTON LOADER SHED	26 W End Rd	Livingston	1978	448	$233,993.55
☐	Livingston Sand Storage	26 W End Rd	Livingston	2023	2,000	$70,770.00
☐	Billings Radio Equipment	Lodge Grass	Lodge Grass			$0.00
☐	LODGE GRASS EQUIPMENT STORAGE	276 Owl Creek Rd	Lodge Grass	1963	3,200	$324,988.65
☐	LODGE GRASS OFFICE	276 Owl Creek Rd	Lodge Grass		576	$61,831.35
☐	LODGE GRASS SAND HOUSE	Interstate 90 Mp 549.8	Lodge Grass		2,222	$98,497.35
☐	LODGE GRASS SAND HOUSE	276 Owl Creek Rd	Lodge Grass	1980	3,200	$175,512.75
☐	LODGE GRASS SECTION HOUSE	276 Owl Creek Rd	Lodge Grass		3,360	$4,915.05
☐	LODGE GRASS SIGN SHED	276 Owl Creek Rd	Lodge Grass		140	$4,593.75
☐	LODGE GRASS STORAGE	276 Owl Creek Rd	Lodge Grass		160	$10,628.10
☐	LOLO HOT SPRINGS EQUIPMENT STORAGE	37048 US-12	Lolo		3,024	$307,114.50
☐	LOLO LOADER SHED SOUTH	16810 Old Hwy 93	Lolo	2011	448	$21,465.15
☐	LOLO LOADER SHED SOUTH	16810 Old Hwy 93	Lolo		428	$23,544.15
☐	LOLO PASS EQUIPMENT SHOP	37048 US-12	Lolo		3,024	$143,314.50
☐	LOLO PASS FUEL VAULT	37048 US-12	Lolo		222	$9,840.60
☐	LOLO PASS FUEL VAULT	37048 US-12	Lolo		222	$9,840.60
☐	LOLO PASS GARAGE	37048 US-12	Lolo		352	$15,603.00
☐	LOLO PASS SAND PILE	37048 US-12	Lolo	2007	222	$9,840.60
☐	LOLO PASS SAND TENT	37048 US-12	Lolo		4,000	$177,312.45
☐	LOLO PASS SECTION HOUSE	37048 US-12	Lolo		992	$47,012.70
☐	LOLO PASS STORAGE SHED	37048 US-12	Lolo		222	$9,840.60
☐	LOLO PASS STORAGE SHED RESIDENTIAL	37048 US-12	Lolo	2005	111	$4,921.35
☐	LOLO PASS TOOL SHED	37048 US-12	Lolo		222	$9,840.60

☐	LOLO SECTION HOUSE	16810 Old Hwy 93	Lolo	1997	3,600	$56,508.90
☐	LOLO SOUTH LOADER SHED	330 Airport Rd	Lolo	2013	222	$9,840.60
☐	LOLO SOUTH SIGN SHED	16810 Old Hwy 93	Lolo		222	$65,103.15
☐	LOLO SOUTH STOCKPILE	16810 Old Hwy 93	Lolo		222	$9,840.60
☐	LOLO STOCKPILE TENT	16810 Old Hwy 93	Lolo		222	$9,840.60
☐	LOLO WEIGH STATION	Mt 12 Mm 0	Lolo		200	$11,127.90
☐	LOOKOUT PASS COLD STORAGE	70 Deborgia Haugen Frontage	Lolo	2007	222	$10,522.05
☐	LOOKOUT PASS LOADER SHED	70 Deborgia Haugen Frontage	Lolo		222	$10,522.05
☐	LOOKOUT PASS LOADER SHED	Interstate 15 Mp 5.8	Lolo		222	$10,522.05
☐	LOOKOUT PASS REST AREA EAST	Interstate 90 Mp 4.62	Lolo	2006	222	$21,404.25
☐	LOOKOUT PASS REST AREA WEST	Interstate 90 Mp 4.75	Lolo		222	$21,997.50
☐	LOOKOUT PASS SAND TENT	70 Deborgia Haugen Frontage	Lolo		222	$9,840.60
☐	LOOKOUT PASS SIGN STORAGE	70 Deborgia Haugen Frontage	Lolo		222	$9,840.60
☐	LOOKOUT PASS STOCKPILE	Drexel	Lolo		222	$9,840.60
☐	LOOKOUT PASS STOCKPILE	Interstate 15 Mp 5.8	Lolo		222	$9,840.60
☐	WILEY GRAVEL PIT STOCKPILE	Interstate 90 Mp 15	Lolo		222	$9,840.60
☐	Havre RWIS site Loma	Us87 Milepost 53.1	Loma		-00	$0.00
☐	MALTA COLD STORAGE 3 BAY	4207 Malta	Malta	1990	200	$8,474.55
☐	MALTA COLD STORAGE 3 BAY	2338 Us Highway 191 South	Malta		1,111	$219,367.05
☐	MALTA EQUIPMENT SHOP 5 BAY	Mt Highway 191 Mp 155.3	Malta	1978	3,600	$365,612.10
☐	MALTA EQUIPMENT STORAGE	Mt Highway 191 Mp 155.3	Malta	1972	2,400	$243,743.85
☐	MALTA LAND	2338 Us Highway 191 South	Malta	1971	2	$87.15
☐	MALTA OIL SHED	2338 Us Highway 191 South	Malta		111	$4,921.35
☐	MALTA OIL SHED	2238 Us Highway 191 South	Malta		222	$9,840.60
☐	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	$105,306.60
☐	MALTA SHIGH SHED	4207 Malta	Malta	1990	200	$8,474.55
☐	MALTA SIGN SHED	2238 Us Highway 191 South	Malta		222	$9,840.60
☐	MALTA TENT BUILDING	2238 Us Highway 191 South	Malta	2002	2,400	$81,249.00

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☐	MALTA TIRE SHED	2238 Us Highway 191 South	Malta		222	$9,840.60
☐	MALTA TIRE SHED	4207 Malta	Malta	1990	200	$8,474.55
☐	MALTA TN TOOL SHED	4207 Malta	Malta	1990	200	$8,474.55
☐	MALTA TOOL SHED	2238 Us Highway 191 South	Malta		222	$9,840.60
☐	MALTA USED OIL SHED	4207 Malta	Malta	1990	200	$8,474.55
☐	Wolf Point RWIS site Malta South	Us191 Milepost 122.5	Malta		-00	$0.00
☐	MANHATTAN LOADER SHED	340 Manhattan Frontage Rd So	Manhattan	1960	-00	$4,593.75
☐	MARION COLD STORAGE	8005 U.S. Hwy 2 W	Marion		222	$25,323.90
☐	MARION EQUIPMENT SHOP	8005 U.S. Hwy 2 W	Marion		2,222	$105,304.50
☐	MARION GARGAGE	8005 U.S. Hwy 2 W	Marion		768	$42,126.00
☐	MARION LOADER SHED	8005 U.S. Hwy 2 W	Marion		222	$9,840.60
☐	MARION SAND HOUSE	8005 U.S. Hwy 2 W	Marion		222	$101,558.10
☐	MARION SECTION HOUSE	8005 U.S. Hwy 2 W	Marion		2,222	$105,306.60
☐	MARION SIGN SHED	8005 U.S. Hwy 2 W	Marion		222	$9,840.60
☐	MARION STORAGE SHED	8005 U.S. Hwy 2 W	Marion		222	$9,840.60
☐	MELSTONE EQUIPMENT SHOP	102 Main St	Melstone	2004	2,222	$543,340.35
☐	BLUE ROCK SECTION HOUSE	217 N 47th St	Miles City		-00	$406,233.45
☐	FIDDLEBACK EQUIPMENT STORAGE	10241 US-12	Miles City	1937	3,200	$324,988.65
☐	FIDDLEBACK REST AREA MAINTENANCE SHED	Mt Highway 12 Mp 43.6	Miles City	1975	-00	$136,497.90
☐	HILLSIDE EQUIPMENT SHOP	Mt Highway 59 Mp 43.3	Miles City	2000	1,020	$103,589.85
☐	HILLSIDE SAND SHED	Mt Highway 59 Mp 43.3	Miles City	1952	3,200	$175,512.75
☐	MILES CITY COLD STORAGE	3Rd And Orr St	Miles City	1978	-00	$60,935.70
☐	MILES CITY COMMUNICATION BUILDING	3Rd And Orr St	Miles City		-00	$24,371.55
☐	MILES CITY CROSSROADS A WEIGH STATION	Mt Highway 12 Mp 5	Miles City	1970	200	$11,127.90
☐	MILES CITY EQUIPMENT SHOP 11 BAY	3Rd And Orr St	Miles City		4,350	$265,288.80
☐	MILES CITY EQUIPMENT SHOP 9 BAY	3Rd And Orr St	Miles City		5,040	$511,854.00
☐	MILES CITY EQUIPMENT SHOP OLD	3Rd And Orr St	Miles City	1995	-00	$4,593.75
☐	MILES CITY GRASS SEED STORAGE	3Rd And Orr St	Miles City		-00	$24,371.55
☐	MILES CITY GUARDRAIL STORAGE	3Rd And Orr Stna	Miles City		-00	$4,593.75

☐	MILES CITY LAB	3Rd And Orr St	Miles City		-00	$52,082.10
☐	MILES CITY LAB STORAGE	3Rd And Orr St	Miles City		-00	$221,346.30
☐	MILES CITY LEAN TO TRAILER	3Rd And Orr St	Miles City		-00	$4,593.75
☐	MILES CITY OIL SHED	Mt Highway 2 Mp 2.5	Miles City		-00	$208,324.20
☐	MILES CITY PUMP HOUSE	3Rd And Orr St	Miles City		222	$25,927.65
☐	Miles City Radio Equipment	Gov'T Hill	Miles City		-00	$0.00
☐	Miles City Radio Equipment	Rock Springs	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 Mile Post 112.6	Miles City		-00	$0.00
☐	Miles City RWIS site Sweeney Creek	I-94 Milepost 112.6	Miles City		-00	$0.00
☐	MILES CITY SAND SHED	Interstate 94 Exit 159	Miles City		222	$9,840.60
☐	MILES CITY SIGN STORAGE	3Rd And Orr St	Miles City	2002	-00	$4,915.05
☐	MILES CITY STEAM CLEANING BUILDING	3Rd And Orr St	Miles City	1938	880	$51,605.40
☐	MILES CITY STORAGE FENCED	3Rd And Orr St	Miles City	2001	-00	$11,458.65
☐	MILES CITY TIRE STORAGE	3Rd And Orr St	Miles City	2015	240	$8,123.85
☐	BEARMOUTH REST AREA EAST	Interstate 90 Mp 150.6	Missoula		2,200	$340,459.35
☐	BEARMOUTH REST AREA WEST	Interstate 90 Mp 142.66	Missoula		-00	$340,459.35
☐	BEARMOUTH STOCKPILE	Interstate 90 Mp 439	Missoula	2001	-00	$4,593.75
☐	CLEARWATER COMPOST STATION	43730 MT-200	Missoula	1998	-00	$4,593.75
☐	CLEARWATER SAND HOUSE	43730 MT-200	Missoula		222	$9,840.60
☐	CLEARWATER SECTION HOUSE	43730 MT-200	Missoula		-00	$2,488,542.00
☐	CLEARWATER STOCKPILE	43730 MT-200	Missoula		-00	$2,488,542.00
☐	EVARO BRINE PLANT	8266 US Hwy 10 W	Missoula		-00	$146,246.10
☐	EVARO BRINE STOCKPILE	8266 US Hwy 10 W	Missoula		-00	$101,558.10
☐	EVARO COMPOST SITE	8266 US Hwy 10 W	Missoula		-00	$707,476.35
☐	EVARO EQUIPMENT STORAGE	17185 US Hwy 93 N	Missoula		1,000	$4,593.75

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☐	EVARO EQUIPMENT STORAGE	17185 US Hwy 93 N	Missoula	2007	4,640	$30,465.75
☐	EVARO EQUIPMENT STORAGE	17185 US Hwy 93 N	Missoula		1,440	$4,915.05
☐	EVARO LOADER SHED	8266 US Hwy 10 W	Missoula	2007	-00	$101,558.10
☐	EVARO MAINTENANCE SHOP	17185 US Hwy 93 N	Missoula	2001	-00	$4,593.75
☐	EVARO SAND HOUSE	17185 US Hwy 93 N	Missoula		-00	$4,593.75
☐	EVARO SECTION HOUSE	17185 US Hwy 93 N	Missoula		-00	$4,593.75
☐	JENNINGS EQUIPMENT SHOP	211 State Lands Office Rd	Missoula		-00	$4,915.05
☐	MISSOULA COMBINATION BUILDING	2100 W Broadway St	Missoula		3,840	$225,176.70
☐	MISSOULA CONOVER LOADER SHED	2100 W Broadway St	Missoula		512	$31,224.90
☐	MISSOULA CONSTRUCTION OFFICE	2100 W Broadway St	Missoula	1972	1,920	$249,010.65
☐	MISSOULA DISTRICT OFFICE	2100 W Broadway St	Missoula		7,310	$2,132,329.50
☐	MISSOULA DISTRICT OFFICE	2100 W Broadway St	Missoula		-00	$11,127.90
☐	MISSOULA EQUIPMENT SHOP	2100 W Broadway St	Missoula	1968	10,680	$105,306.60
☐	MISSOULA EQUIPMENT SHOP 24 BAY	2100 W Broadway St	Missoula		17,000	$805,672.35
☐	MISSOULA HAZMAT STORAGE	2100 W Broadway St	Missoula		-00	$26,271.00
☐	MISSOULA LOADER SHED	Tarkio	Missoula		560	$30,465.75
☐	MISSOULA LOADER SHED	1072 Tamarack Rd	Missoula		222	$30,465.75
☐	MISSOULA LOADER SHED	Phosphate	Missoula		560	$30,465.75
☐	MISSOULA LOADER SHED	Drexel	Missoula		560	$30,465.75
☐	MISSOULA LOADER SHED	3550 Peggy Ln Highway 200	Missoula		222	$9,840.60
☐	MISSOULA LOADER SHED	Wiley Pit	Missoula		560	$30,465.75
☐	MISSOULA LOADER SHED	Wye	Missoula		560	$30,465.75
☐	MISSOULA LOADER SHED	Bearmouth	Missoula		560	$30,465.75
☐	MISSOULA LOADER SHED	Mt 200 Jmp 20.4	Missoula		560	$30,465.75
☐	MISSOULA LOADER SHED	Magpie Creek	Missoula		560	$30,465.75
☐	MISSOULA LOADER SHED	1072 Tamarack Rd	Missoula	2011	222	$30,465.75
☐	MISSOULA LOADER SHED	Mt Highway 200 Mp 20.4	Missoula		222	$30,465.75
☐	MISSOULA MAINTENANCE SUPPLY BUILDING	2100 W Broadway St	Missoula	1972	-00	$14,810.25
☐	MISSOULA METAL STORAGE	2100 W Broadway St	Missoula	2000	13,230	$895,747.65

☐	MISSOULA OFFICE TRAILER	2100 W Broadway St	Missoula		555	$59,579.10
☐	MISSOULA OIL AND GREASE WAREHOUSE	2100 W Broadway St	Missoula		600	$20,309.10
☐	MISSOULA OIL STOCKPILE	3550 Peggy Ln Highway 200	Missoula	1989	-00	$42,126.00
☐	MISSOULA PAINT STRIPER STORAGE	2100 W Broadway St	Missoula		-00	$96,169.50
☐	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 W Broadway St	Missoula		270	$191,264.85
☐	MISSOULA RIGHT OF WAY TRAILERS	2100 W Broadway St	Missoula		1,440	$55,255.20
☐	MISSOULA RUSTIC HUT	2100 W Broadway St	Missoula		416	$214,756.50
☐	MISSOULA SALT STORAGE	2100 W Broadway St	Missoula		4,000	$4,593.75
☐	MISSOULA SECTION HOUSE	2100 W Broadway St	Missoula		-00	$4,593.75
☐	MISSOULA STEAM CLEANING BUILDING	2100 W Broadway St	Missoula		1,640	$4,593.75
☐	MISSOULA STOCKPILE	Na	Missoula		222	$39,061.05
☐	MISSOULA STOCKPILE	Na	Missoula		222	$9,840.60
☐	MISSOULA STOCKPILE	Na	Missoula		560	$30,465.75
☐	MISSOULA STOCKPILE	2100 W Broadway St	Missoula		222	$9,840.60
☐	MISSOULA STOCKPILE	Mt Highway 200 Mp 20.4	Missoula		222	$9,840.60
☐	MISSOULA STOCKPILE	Na	Missoula		222	$218,293.95
☐	MISSOULA STOCKPILE	1072 Tamarack Rd	Missoula		222	$9,840.60
☐	MISSOULA STORAGE	2100 W Broadway St	Missoula		222	$9,840.60
☐	MISSOULA WASH BAY	2100 W Broadway St	Missoula	2013	2,400	$106,387.05
☐	MISSOULA WELDING BUILDING	2100 W Broadway St	Missoula		1,111	$49,248.15
☐	PHOSPHATE STOCKPILE	Interstate 90 Mp 170.4	Missoula		222	$9,840.60
☐	PHOSPHATE STORAGE SHED	Interstate 90 Mp 170.4	Missoula		222	$9,840.60
☐	QUARTZ FLATS REST AREA EAST	Na	Missoula		1,200	$340,459.35
☐	QUARTZ FLATS REST AREA WEST	Na	Missoula	1980	1,200	$340,459.35
☐	R/W Property - Missoula District - MT 8104 (19), 4128	802 Russell St	Missoula	1920	288	$15,136.80
☐	R/W Property - Missoula District - MT 8105 (18), 4128	941 Kern St	Missoula	1951	2,224	$113,549.10

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☐	R/W Property - Missoula District - MT 8105 (19), 4128	802 Russell St	Missoula	1920	1,246	$63,615.30
☐	R/W Property - Missoula MT	1010 S Russell St	Missoula	1958	720	$34,360.20
☐	R/W Property - Russell Street	1000 Russell St	Missoula	1956	3,288	$167,871.90
☐	R/W Property Missoula District	5125 Eastside	Missoula	1975	2,166	$45,994.20
☐	R/W Property Missoula District	5125 Eastside	Missoula	2000	780	$16,563.75
☐	R/W Property Missoula District	824 Russell St	Missoula	1956	1,024	$12,425.70
☐	R/W Property Missoula District	5125 Eastside	Missoula	1964	320	$6,795.60
☐	R/W Property Missoula District	5125 Eastside	Missoula	1922	768	$16,308.60
☐	R/W Property Russell Street	935 Kerns	Missoula	1955	1,697	$83,405.70
☐	R/W RUSSELL STREET	1010 South Russell	Missoula		720	$33,146.40
☐	RAINY LAKE EQUIPMENT STORAGE	Us Highway 83 Mp 27.5	Missoula		1,280	$108,330.60
☐	RAINY LAKE SAND HOUSE	Us Highway 83 Mp 27.5	Missoula		2,400	$106,387.05
☐	RAINY LAKE SECTION HOUSE	Us Highway 83 Mp 27.5	Missoula		2,222	$105,306.60
☐	RAINY LAKE STOCKPILE	Us Highway 83 Mp 27.5	Missoula		222	$9,840.60
☐	RAINY LAKE STORAGE	Us Highway 83 Mp 27.5	Missoula		1,152	$70,257.60
☐	ROCK CREEK PARKING AREA EAST	Interstate 90 Mp 127.45	Missoula		22	$53.55
☐	ROCK CREEK PARKING AREA WEST	Interstate 90 Mp 127.56	Missoula		22	$974.40
☐	SULA REST AREA	283 Lost Trail Hot Springs Rd	Missoula		807	$1,657,100.55
☐	WYE STOCKPILE	8266 US Hwy 10 W	Missoula		222	$4,593.75
☐	Great Falls RWIS site Monarch Canyon	Us89 Milepost 53.5	Monarch		-00	$0.00
☐	MONARCH EQUIPMENT SHOP 2 BAY	16 Missoula Ave	Monarch	2005	-00	$1,009,363.95
☐	MONARCH SAND SHED	16 Missoula Ave	Monarch	2013	2,400	$117,982.20
☐	MONARCH SECTION HOUSE	16 Missoula Ave	Monarch	2013	3,912	$32,908.05
☐	MONARCH STORAGE	16 Missoula Ave	Monarch		222	$9,840.60
☐	MOSBY REST AREA	Mt Highway 87 Mp 158.5	Mosby	2000	-00	$9,994.95
☐	NEIHART COLD STORAGE	Na	Neihart		222	$9,840.60
☐	NEIHART EQUIPMENT SHOP 2 BAY	701 S Main	Neihart		-00	$121,970.10
☐	NEIHART SAND SHED	701 S Main	Neihart		2,400	$101,558.10
☐	NEIHART SECTION HOUSE	701 S Main	Neihart		-00	$4,593.75

☐	NEIHART SIGN SHED	701 S Main	Neihart		100	$4,593.75
☐	NEIHART TIRE SHED	701 S Main	Neihart		100	$4,434.15
☐	Bozeman RWIS site Norris Hill	Us287 Milepost 60	Norris		-00	$0.00
☐	BULL LAKE PIT LOADER SHED	Mt Highway 56 Mp 16	Noxon		-00	$9,994.95
☐	NOXON EQUIPMENT SHOP EAST	1383 MT-200	Noxon		2,222	$84,442.05
☐	NOXON EQUIPMENT STORAGE	1383 MT-200	Noxon	1955	222	$4,593.75
☐	NOXON FUEL STORAGE	30 Little Bear Rd	Noxon		100	$101,558.10
☐	NOXON SALT SHED	30 Little Bear Rd	Noxon	2017	222	$9,840.60
☐	NOXON SAND HOUSE	1383 MT-200	Noxon		222	$9,840.60
☐	NOXON SAND SHED	1383 MT-200	Noxon		6,000	$265,967.10
☐	NOXON SECTION HOUSE NEW	30 Little Bear Rd	Noxon		2,222	$105,306.60
☐	NOXON SECTION HOUSE OLD	1383 MT-200	Noxon		2,222	$105,306.60
☐	NOXON STORAGE	1383 MT-200	Noxon		222	$9,840.60
☐	NOXON STORAGE SHED	30 Little Bear Rd	Noxon		222	$9,840.60
☐	OLNEY STOCKPILE	8955 US-93	Olney		-00	$78,813.00
☐	OLNEY STOCKPILE	8955 US-93	Olney		-00	$101,558.10
☐	OPHEIM COLD STORAGE	4208 Opheim	Opheim	1990	200	$8,474.55
☐	OPHEIM EQUIMENT STORAGE	22 S Main St	Opheim	1963	-00	$350,985.60
☐	OPHEIM SECTION HOUSE	22 S Main St	Opheim	2010	-00	$168,996.45
☐	OPHEIM STORAGE SHED	22 S Main St	Opheim		222	$9,840.60
☐	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	$147,744.45
☐	PHILIPSBURG MAINTENANCE STORAGE	Skalkaho	Philipsburg		3,333	$147,744.45
☐	PHILIPSBURG PUMP HOUSE	3798 MT-1	Philipsburg		36	$4,204.20
☐	PHILIPSBURG SAND TENT	3798 MT-1	Philipsburg	1963	4,000	$65,103.15
☐	PHILIPSBURG SECTION HOUSE	3798 MT-1	Philipsburg		2,222	$105,306.60
☐	PHILIPSBURG SHED	Na	Philipsburg		222	$9,840.60

☐	PHILIPSBURG SIGN SHED	3798 MT-1	Philipsburg		222	$9,840.60
☐	PHILIPSBURG STOCKPILE	3798 MT-1	Philipsburg		222	$9,840.60
☐	PLAINS EQUIPMENT SHOP	2 Lower Lynch Creek Rd	Plains		2,222	$105,306.60
☐	PLAINS EQUIPMENT SHOP 2 BAY	2 Lower Lynch Creek Rd	Plains		2,500	$138,120.15
☐	PLAINS EQUIPMENT STORAGE	2 Lower Lynch Creek Rd	Plains		2,400	$168,996.45
☐	PLAINS EQUIPMENT STORAGE	2 Lower Lynch Creek Rd	Plains		1,664	$146,601.00
☐	PLAINS SALT STORAGE	2 Lower Lynch Creek Rd	Plains		222	$9,840.60
☐	PLAINS SAND SHED	2 Lower Lynch Creek Rd	Plains		222	$10,314.15
☐	PLAINS SECTION HOUSE	2 Lower Lynch Creek Rd	Plains		2,222	$105,306.60
☐	PLAINS SHED	2 Lower Lynch Creek Rd	Plains		222	$9,840.60
☐	PLAINS STOCKPILE	Mt Highway 200 Mp 101	Plains		222	$9,840.60
☐	PLAINS STOCKPILE	2 Lower Lynch Creek Rd	Plains		222	$9,840.60
☐	PLAINS STORAGE	2 Lower Lynch Creek Rd	Plains	1970	222	$4,593.75
☐	PLAINS STORAGE SHED	2 Lower Lynch Creek Rd	Plains		222	$9,840.60
☐	PLENEYWOOD EQUIPMENT STORAGE 3 BAY	621 W 1st Ave	Plentywood	2002	-00	$203,118.30
☐	PLENTYWOOD AERONAUTICS NON DIRECTIONAL BEACON	621 W 1st Ave	Plentywood	2020	100	$0.00
☐	PLENTYWOOD EQUIPMENT STORAGE	621 W 1st Ave	Plentywood		-00	$62,512.80
☐	PLENTYWOOD SAND HOUSE	621 W 1st Ave	Plentywood	2014	3,456	$341,237.40
☐	PLENTYWOOD SECTION HOUSE	621 W 1st Ave	Plentywood		-00	$146,246.10
☐	PLENTYWOOD TIN SHED	621 W 1st Ave	Plentywood	2020	100	$2,123.10
☐	Wolf Point RWIS site Comertown Turn-off	Mt5 Milepost 13.4	Plentywood		-00	$0.00
☐	POLSON SALT SHED	51655 US-93	Polson		100	$4,593.75
☐	POLSON SECTION HOUSE	51655 US-93	Polson		-00	$4,593.75
☐	POLSON SIGN SHED	51655 US-93	Polson	2015	100	$4,593.75
☐	POLSON STORAGE SHED	51655 US-93	Polson		222	$9,840.60
☐	WOLF POINT TIN STORAGE WEST	200 MT-25	Poplar	2004	222	$30,465.75
☐	MISSOULA LOADER SHED	Copper Creek	Ravalli		336	$19,701.15
☐	RAVALLI EQUIPMENT SHOP	83056 US-93	Ravalli	2007	2,222	$105,306.60
☐	RAVALLI EQUIPMENT SHOP	83056 US-93	Ravalli	2004	2,222	$105,306.60

☐	RAVALLI EQUIPMENT SHOP 4 BAY	83056 US-93	Ravalli	2007	4,400	$732,393.90
☐	RAVALLI EQUIPMENT STORAGE	83056 US-93	Ravalli		222	$4,593.75
☐	RAVALLI EQUIPMENT STORAGE	83056 US-93	Ravalli		222	$10,522.05
☐	RAVALLI HILL REST AREA NORTH	Mt Highway 93 Mp 29.15	Ravalli		222	$21,404.25
☐	RAVALLI REST AREA SOUTH	Mt Highway 93 Mp 29.17	Ravalli		222	$21,404.25
☐	Ravalli Sand Storage	83056 US-93	Ravalli	2023	5,000	$176,925.00
☐	RAVALLI STOCKPILE	83056 US-93	Ravalli		222	$9,840.60
☐	RAVALLI WEIGH STATION	Us Highway 93 Mp 32	Ravalli		222	$23,830.80
☐	Billings Radio Equipment	Red Lodge Hill	Red Lodge			$0.00
☐	RED LODGE SECTION HOUSE	243 MT-78	Red Lodge		-00	$357,487.20
☐	Billings RWIS site Hysham Hills	I-90 Mile Post 60	Reed Point		-00	$0.00
☐	REXFORD STOCKPILE	120 Madden Lake Rd	Rexford		-00	$164,311.35
☐	Glendive Radio Equipment	Richey Building	Richey		300	$5,075.70
☐	RICHEY SAND HOUSE	2760 MT-200	Richey		2,400	$102,372.90
☐	RICHEY SECTION HOUSE	2760 MT-200	Richey	1900	-00	$203,118.30
☐	RICHEY TRAILER HOUSE	2760 MT-200	Richey		-00	$4,915.05
☐	ROLLINS LOADER SHED	21013 Big Lodge Rd	Rollins	2014	3,240	$153,552.00
☐	ROLLINS MAINTENANCE SHOP	Mt Highway 93 Mp 97.4	Rollins		2,222	$105,306.60
☐	ROLLINS SALT STORAGE	21013 Big Lodge Rd	Rollins	1996	222	$9,840.60
☐	ROLLINS SECTION HOUSE	21013 Big Lodge Rd	Rollins		2,222	$105,306.60
☐	ROLLINS SIGN SHED	21013 Big Lodge Rd	Rollins	2011	222	$9,840.60
☐	ROLLINS WASH BAY	21013 Big Lodge Rd	Rollins	2012	222	$9,840.60
☐	RONAN EQUIPMENT STORAGE	34945 Kicking Horse Rd	Ronan		1,008	$102,372.90
☐	RONAN EQUIPMENT STORAGE	34945 Kicking Horse Rd	Ronan		1,400	$142,182.60
☐	RONAN REST AREA	Us Highway 93 Mp 44	Ronan	2016	1,200	$340,459.35
☐	RONAN SECTION HOUSE	34945 Kicking Horse Rd	Ronan	1975	2,222	$105,306.60
☐	RONAN STOCKPILE	34945 Kicking Horse Rd	Ronan		222	$9,840.60
☐	RONAN SWEEPER SHED	34945 Kicking Horse Rd	Ronan		222	$9,840.60
☐	Lewistown Radio Equipment	Roundup	Roundup		300	$3,385.20

☐	Lewistown RWIS site Bull Mountain	Us87 Milepost 33.3	Roundup		-00	$0.00
☐	ROUNDUP SAND HOUSE	1150 Main St	Roundup	1953	2,400	$203,118.30
☐	ROUNDUP SECTION HOUSE	1150 Main St	Roundup		2,222	$105,306.60
☐	ROUNDUP SHOP NORTH	1150 Main St	Roundup		-00	$193,369.05
☐	ROUNDUP STORAGE SHED	1150 Main St	Roundup	1971	2,016	$89,364.45
☐	ROY EQUIPMENT STORAGE	49 Black Butte Rd	Roy		2,016	$204,740.55
☐	ROY LOADER SHED	49 Black Butte Rd	Roy	2011	512	$28,106.40
☐	ROY SAND HOUSE	49 Black Butte Rd	Roy		2,400	$101,558.10
☐	ROY SECTION HOUSE	49 Black Butte Rd	Roy		-00	$6,250.65
☐	ROY STORAGE	49 Black Butte Rd	Roy		4,032	$914,178.30
☐	RYEGATE EQUIPMENT STORAGE	109 4th Ave E	Ryegate	2007	-00	$136,497.90
☐	RYEGATE SAND HOUSE	109 4th Ave E	Ryegate		2,400	$101,558.10
☐	RYEGATE SECTION HOUSE	109 4th Ave E	Ryegate		-00	$170,619.75
☐	Havre RWIS site Two Medicine	Us2 Milepost 210.7	Saco		-00	$0.00
☐	SACO LOADER SHED	Us Highway 2	Saco		222	$9,840.60
☐	Wolf Point Radio Equipment	Saco	Saco		300	$2,539.95
☐	Wolf Point RWIS site Saco	Us2 Milepost 502.5	Saco		-00	$0.00
☐	DIRTY CORNER EQUIPMENT STORAGE	83056 US-93	Saint Ignatius		-00	$15,235.50
☐	DIRTY CORNERS LOADER SHED	Us Highway 93 Mp 15.5	Saint Ignatius		-00	$43,331.40
☐	DIRTY CORNERS STOPCKPILE	Us Highway 93 Mp 15.5	Saint Ignatius		-00	$228,169.20
☐	Wolf Point Radio Equipment	St Marie	Saint Marie		300	$1,689.45
☐	MISSOULA LOADER SHED	St. Regis	Saint Regis		560	$30,465.75
☐	SAINT REGIS COLD STORAGE	72 Little Mill Creek Rd	Saint Regis		300	$13,299.30
☐	SAINT REGIS DISTRICT OFFICE	72 Little Mill Creek Rd	Saint Regis		3,720	$399,329.70
☐	SAINT REGIS EQUIPMENT SHOP	72 Little Mill Creek Rd	Saint Regis	1998	2,222	$105,306.60
☐	SAINT REGIS LOADER SHED	72 Little Mill Creek Rd	Saint Regis		600	$26,596.50
☐	SAINT REGIS OPEN STORAGE	72 Little Mill Creek Rd	Saint Regis		222	$9,840.60
☐	SAINT REGIS OPEN STORAGE	72 Little Mill Creek Rd	Saint Regis	2011	2,240	$122,861.55
☐	SAINT REGIS PARTS SHED	72 Little Mill Creek Rd	Saint Regis		222	$9,840.60

☐	SAINT REGIS SAND STORAGE	72 Little Mill Creek Rd	Saint Regis		222	$9,840.60
☐	SAINT REGIS Sand TENT	72 Little Mill Creek Rd	Saint Regis	2009	222	$9,840.60
☐	SAINT REGIS SIGN STORAGE	3481 Us Highway 89	Saint Regis		100	$410,776.80
☐	SAINT REGIS STOCKPILE	72 Little Mill Creek Rd	Saint Regis		222	$9,840.60
☐	SAINT REGIS STORAGE SHED	3481 Us Highway 89	Saint Regis	2007	100	$218,144.85
☐	WILEY GRAVEL PIT LOADER SHED	Interstate 90 Mp 15	Saint Regis		222	$4,593.75
☐	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 Rd	Savage	2013	222	$9,840.60
☐	SAVAGE LAKE SECTION HOUSE	2046 Bull Lake Rd	Savage		2,222	$105,306.60
☐	FLAXVILLE EQUIPMENT STORAGE	4209 Scobey	Scobey	1990	200	$8,474.55
☐	FLOWING WELLS REST AREA PICNIC ARBOR EAST	4210 Flowing Wells	Scobey	1990	200	$8,474.55
☐	FLOWING WELLS REST AREA PICNIC ARBOR WEST	4210 Flowing Wells	Scobey	1990	200	$8,474.55
☐	FLOWING WELLS REST AREA STORAGE	4210 Flowing Wells	Scobey	1990	200	$8,474.55
☐	FLOWING WELLS REST AREA TRAILER STORAGE	4210 Flowing Wells	Scobey	1990	200	$8,474.55
☐	FLOWING WELLS TRAILER SITE	4210 Flowing Wells	Scobey	1990	200	$8,474.55
☐	SCOBEY SECTION HOUSE	92 Us Highway 5 East	Scobey		15,600	$1,848,373.80
☐	SCOBEY STORAGE SHED	4209 Scobey	Scobey	1990	200	$8,474.55
☐	SCOBEY STORAGE SHED	92 Us Highway 5 East	Scobey		-00	$4,593.75
☐	SCOBEY TIN SHED	92 Us Highway 5 East	Scobey		-00	$101,558.10
☐	SCOBEY TIRE SHED	4209 Scobey	Scobey	1990	200	$8,474.55
☐	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	$33,852.00
☐	CLEARWATER LOADER SHED	43730 Mt Highway 200 East	Seeley Lake		-00	$1,414,008.75
☐	CLEARWATER REST AREA	Mt Highway 200 Mp 31.96	Seeley Lake		650	$131,633.25
☐	CLEARWATER STOCKPILE SITE	Mt Highway 200 Mp 51	Seeley Lake	2015	-00	$101,558.10
☐	Missoula RWIS site Greenough Hill	1102 Seeley Lake	Seeley Lake		100	$4,593.75
☐	SEELEY EQUIPMENT SHOP 3 BAY	2846 MT-83	Seeley Lake	1980	2,100	$213,272.85

☐	SEELEY LAKE EQUIPMENT SHED	2846 MT-83	Seeley Lake	2005	900	$41,355.30
☐	SEELEY LAKE EQUIPMENT SHOP 4 BAY	2846 MT-83	Seeley Lake	1981	3,500	$205,241.40
☐	SEELEY LAKE SAND SHED	2846 MT-83	Seeley Lake		-00	$9,994.95
☐	SEELEY LAKE SECTION HOUSE	2846 MT-83	Seeley Lake	2001	-00	$11,028.15
☐	SEELEY LAKE STOCKPILE	2846 MT-83	Seeley Lake		-00	$6,616.05
☐	SHELBY DUG OUT	1750 W Roosevelt Hwy	Shelby		22	$974.40
☐	SHELBY EQUIPMEBT STORAGE	1750 W Roosevelt Hwy	Shelby		2,904	$233,993.55
☐	SHELBY EQUIPMENT SHOP	1750 W Roosevelt Hwy	Shelby	2015	2,222	$105,306.60
☐	SHELBY EQUIPMENT SHOP	1750 W Roosevelt Hwy	Shelby		5,500	$487,482.45
☐	SHELBY EQUIPMENT SHOP	1750 W Roosevelt Hwy	Shelby	1970	2,222	$105,306.60
☐	SHELBY EQUIPMENT STORAGE	1750 W Roosevelt Hwy	Shelby		2,304	$170,291.10
☐	SHELBY GAS SHED	1750 W Roosevelt Hwy	Shelby	2008	4,800	$26,326.65
☐	SHELBY MAINTENANCE SHOP	1750 W Roosevelt Hwy	Shelby		-00	$568,781.85
☐	SHELBY MISSILE SHED	1750 W Roosevelt Hwy	Shelby		960	$42,554.40
☐	SHELBY PUMP SHED	1750 W Roosevelt Hwy	Shelby		-00	$32,908.05
☐	SHELBY SAND SHED	1750 W Roosevelt Hwy	Shelby	1970	222	$9,840.60
☐	SHELBY SECTION HOUSE	3205 Shelby	Shelby	1990	5,000	$211,852.20
☐	SHELBY SIGN SHED	1750 W Roosevelt Hwy	Shelby		222	$9,840.60
☐	SHELBY STORAGE	1750 W Roosevelt Hwy	Shelby		222	$9,840.60
☐	SHELBY STORES BUILDING	1750 W Roosevelt Hwy	Shelby		222	$9,840.60
☐	SHELBY SUPERINTENDENT OFFICE	1750 W Roosevelt Hwy	Shelby		-00	$6,287.40
☐	SHELBY TOOL SHED	1750 W Roosevelt Hwy	Shelby	2002	222	$9,840.60
☐	SHELBY WEIGH STATION	Interstate 15 Mp 366.5	Shelby		200	$33,852.00
☐	Glendive Radio Equipment	Sidney	Sidney		300	$3,385.20
☐	SIDNEY COLD STORAGE	2545 W Holly St	Sidney		222	$9,840.60
☐	SIDNEY EQUIPMENT SHOP 1 BAY	2545 W Holly St	Sidney		2,222	$105,304.50
☐	SIDNEY EQUIPMENT SHOP 3 BAY	2545 W Holly St	Sidney		3,333	$157,958.85
☐	SIDNEY EQUIPMENT SHOP 3 BAY	2545 W Holly St	Sidney	2018	2,496	$426,326.25
☐	SIDNEY EQUIPMENT STORAGE	2545 W Holly St	Sidney		-00	$136,497.90

☐	SIDNEY STORAGE SHED	2545 W Holly St	Sidney		222	$9,840.60
☐	SPRINGDALE STOCKPILE SITE	26 W End Rd	Springdale		100	$34,150.20
☐	STANDFORD SAND HOUSE	62 4th Ave S	Stanford		2,400	$84,634.20
☐	STANFORD COLD STORAGE	62 4th Ave S	Stanford	2009	-00	$462,094.50
☐	STANFORD EQUIPMENT STORAGE	62 4th Ave S	Stanford		-00	$146,246.10
☐	STANFORD SECTION HOUSE	62 4th Ave S	Stanford		3,000	$10,531.50
☐	LOLO SOUTH SAND TENT	16810 Old Hwy 93	Stevensville		4,000	$25,099.20
☐	LOLO SOUTH STOCKPILE	Stevensville	Stevensville		222	$9,840.60
☐	R/W Property Missoula District	485 Grassland	Stevensville	1978	960	$11,648.70
☐	R/W STEVENSVILLE NORTH	5067 Eastside Highway	Stevensville	1900	858	$39,499.95
☐	CONNOR LOADER SHED	8216 US-93	Sula		-00	$221,807.25
☐	CONNOR STOCKPILE	8216 US-93	Sula		-00	$28,481.25
☐	LOST TRAIL EQUIPMENT SHOP 3 BAY	8216 US-93	Sula		3,333	$157,958.85
☐	LOST TRAIL EQUIPMENT STORAGE	8216 US-93	Sula		2,222	$98,497.35
☐	LOST TRAIL FUEL VAULT	8216 US-93	Sula		222	$9,840.60
☐	LOST TRAIL FUEL VAULT	8216 US-93	Sula		222	$9,840.60
☐	LOST TRAIL GARAGE	8216 US-93	Sula		222	$9,840.60
☐	LOST TRAIL GARAGE	8216 US-93	Sula		222	$9,840.60
☐	LOST TRAIL PASS HOUSE	8216 US-93	Sula		500	$39,489.45
☐	LOST TRAIL PASS HOUSE	8216 US-93	Sula		992	$56,508.90
☐	LOST TRAIL SAND SHED	8216 US-93	Sula		222	$9,840.60
☐	LOST TRAIL SAND TENT	8216 US-93	Sula		222	$9,840.60
☐	LOST TRAIL SIGN STORAGE	8216 US-93	Sula		-00	$312,800.25
☐	SULA REST AREA GENERATOR SHED	283 Lost Trail Hotsprings Rd	Sula	2004	-00	$65,103.15
☐	SULA SECTION HOUSE	8216 US-93	Sula	1997	-00	$4,915.05
☐	SULA STOCKPILE	8216 Us Highway 93 Mp 16.3	Sula	1960	-00	$4,593.75
☐	SUN RIVER EQUIPMENT SHOP	112 Broadway St	Sun River		1,664	$304,676.40
☐	SUN RIVER MAINTENANCE SHOP	112 Broadway St	Sun River		2,222	$97,575.45
☐	SUN RIVER SECTION HOUSE	856 US-89	Sun River		2,222	$105,304.50

☐	SUN RIVER SIGN SHED	856 US-89	Sun River		222	$9,840.60
☐	SUNBURST EQUIPMENT STORAGE	211 Front St	Sunburst		1,111	$49,248.15
☐	SUNBURST PUMP SHED	211 Front St	Sunburst		22	$2,569.35
☐	SUNBURST SAND SHED	211 Front St	Sunburst		222	$9,840.60
☐	SUNBURST SECTION HOUSE	211 Front St	Sunburst		2,222	$105,306.60
☐	SUNBURST SIGN STORAGE	3205 Shelby	Sunburst	1990	200	$8,474.55
☐	SUNBURST STORAGE SHED	211 Front St	Sunburst		2,400	$106,387.05
☐	SUNBURST STORAGE SHED	211 Front St	Sunburst		222	$9,840.60
☐	Missoula RWIS site Ninemile	I-90 Milepost 81.8	Superior		-00	$0.00
☐	SUPERIOR EQUIPMENT SHOP	1 W Tami Dr	Superior		2,400	$4,915.05
☐	SUPERIOR EQUIPMENT STORAGE	1 W Tami Dr	Superior		-00	$143,550.75
☐	SUPERIOR EQUIPMENT STORAGE	1 W Tami Dr	Superior		4,810	$478,608.90
☐	SUPERIOR LOADER SHED	1 W Tami Dr	Superior		448	$25,099.20
☐	SUPERIOR OPEN STORAGE	1 W Tami Dr	Superior		-00	$4,593.75
☐	SUPERIOR PUMP SHED	1 W Tami Dr	Superior		-00	$4,593.75
☐	SUPERIOR SALT SHED	1 W Tami Dr	Superior		222	$9,840.60
☐	SUPERIOR SECTION HOUSE	1 W Tami Dr	Superior		-00	$400,507.80
☐	SUPERIOR SIGN SHED	1 W Tami Dr	Superior		555	$24,603.60
☐	SUPERIOR STOCKPILE	1 W Tami Dr	Superior		222	$9,840.60
☐	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	$3,005,977.80
☐	WINNETT EQUIPMENT STORAGE	220 NBroadway Ave	Teigen		-00	$84,442.05
☐	WINNETT EQUIPMENT STORAGE	220 NBroadway Ave	Teigen		-00	$55,854.75
☐	WINNETT SECTION HOUSE	220 NBroadway Ave	Teigen		-00	$147,868.35
☐	TERRY EQUIPMENT SHOP 3 BAY	41 Sparks Ln	Terry		-00	$243,743.85
☐	TERRY EQUIPMENT STORAGE	617 Ctenay Ave	Terry	1991	-00	$182,806.05
☐	TERRY SECTION HOUSE	617 Ctenay Ave	Terry	2008	-00	$49,405.65
☐	THOMPSON FALLS COMPOST	5405 MT-200	Thompson Falls		-00	$32,908.05
☐	THOMPSON FALLS EQUIPMENT STORAGE	5405 MT-200	Thompson Falls	1980	5,000	$507,790.50

☐	THOMPSON FALLS EQUIPMENT STORAGE	5405 MT-200	Thompson Falls		2,222	$98,497.35
☐	THOMPSON FALLS GRAVEL PIT	5405 MT-200	Thompson Falls		222	$9,840.60
☐	THOMPSON FALLS LOADER SHED	Mt Highway 200 Mp 31	Thompson Falls		-00	$4,593.75
☐	THOMPSON FALLS MAINTENANCE SHOP	5405 MT-200	Thompson Falls		2,222	$105,306.60
☐	THOMPSON FALLS SALT STORAGE	5405 MT-200	Thompson Falls		222	$9,840.60
☐	THOMPSON FALLS SAND SHED	5405 MT-200	Thompson Falls		222	$9,840.60
☐	THOMPSON FALLS SECTION HOUSE	5405 MT-200	Thompson Falls		-00	$4,915.05
☐	THOMPSON FALLS SIGN SHED	5405 MT-200	Thompson Falls		555	$24,603.60
☐	THOMPSON FALLS STOCKPILE	5405 MT-200	Thompson Falls		-00	$4,593.75
☐	THOMPSON FALLS STORAGE	5405 MT-200	Thompson Falls		222	$9,840.60
☐	THOMPSON FALLS WASH BAY	5405 MT-200	Thompson Falls		222	$9,840.60
☐	THREE FORKS EQUIPMENT STORAGE	505 Frontage Rd	Three Forks	2015	-00	$332,705.10
☐	THREE FORKS SALT CONTAINMENT SHED	2211 Three Forks	Three Forks	1990	200	$8,474.55
☐	THREE FORKS SECTION HOUSE	505 Frontage Rd	Three Forks		-00	$20,309.10
☐	THREE FORKS TOOL SHED	505 Frontage Rd	Three Forks		222	$9,840.60
☐	THREE FORKS TOOL STORAGE	505 Frontage Rd	Three Forks		222	$9,840.60
☐	TOSTEN LOADER SHED	Toston Secondary	Toston		222	$9,840.60
☐	TOWNSEND EQUIPMENT SHOP 6 BAY	7827 US-287	Townsend		-00	$276,241.35
☐	TOWNSEND SIGN STORAGE	7827 US-287	Townsend		600	$136,365.60
☐	KALISPELL LOADER SHED	Trout Creek	Trout Creek		560	$30,465.75
☐	MISSOULA LOADER SHED	Trout Creek	Trout Creek		560	$30,465.75
☐	TROUT CREEK STOCKPILE	Mt Highway 200 Mp 31	Trout Creek		111	$4,921.35
☐	Kalispell RWIS site Yak Hill	Us 2 Milepost 4.8	Troy		-00	$0.00
☐	TROY AND LIBBY WEIGH STATION	Junction Mt Highway 2 Mp 18	Troy		200	$33,852.00
☐	TROY EQUIPMENT SHOP	Mt Highway 2 Mp 14.8	Troy		-00	$82,097.40
☐	TROY REST AREA	Mt Highway 2 Mp 14.8	Troy		1,200	$761,220.60
☐	TROY SAND SHED	Mt Highway 2	Troy		448	$26,271.00
☐	TROY SECTION HOUSE	Mt Highway 56 Mp 32.8	Troy	2011	2,222	$934,303.65
☐	TROY SECTION HOUSE OLD	Us Highway 2 Mp 14.8	Troy		2,222	$105,306.60

DEPARTMENT OF TRANSPORTATION

☐	TROY SIGN SHED	Mt Highway 56 Mp 32.8	Troy	2013	222	$9,840.60
☐	TROY STORAGE SHED	Mt Highway 56 Mp 32.8	Troy	2017	176	$11,028.15
☐	TROY TIRE SHED	Mt Highway 56 Mp 32.8	Troy	2007	48	$4,593.75
☐	TWIN BRIDGES EQUIPMENT SHOP 4 BAY	4232 US-287	Twin Bridges		3,280	$333,113.55
☐	TWIN BRIDGES EQUIPMENT STORAGE	4232 US-287	Twin Bridges	2008	-00	$125,122.20
☐	TWIN BRIDGES SAND SHED	2109 Twin Bridges	Twin Bridges	1990	200	$8,474.55
☐	TWIN BRIDGES SECTION HOUSE	4232 US-287	Twin Bridges		-00	$32,908.05
☐	TWIN BRIDGES TOOL STORAGE	4232 US-287	Twin Bridges		-00	$177,825.90
☐	TWIN BRIDGES WEIGH STATION NORTH	Mt 41 Mp 27	Twin Bridges		200	$11,127.90
☐	TWIN BRIDGES WEIGH STATION SOUTH	Mt 41 Mp 27	Twin Bridges	2014	200	$11,127.90
☐	BELT SHED	Junction Highway 87 And 89	Victor		-00	$4,593.75
☐	MISSOULA LOADER SHED	Victor	Victor		560	$30,465.75
☐	MISSOULA PAINT STORAGE	2100 W Broadway St	Victor		768	$4,593.75
☐	Kalispell RWIS site Hungry Horse	Highway 2 Wb	West Glacier		-00	$0.00
☐	WEST GLACIER EQUIPMENT STORAGE	13300 US-2	West Glacier	2000	2,400	$4,593.75
☐	WEST GLACIER EQUIPMENT STORAGE	13300 US-2	West Glacier		5,330	$338,188.20
☐	WEST GLACIER LOADER SHED	Mt Highway 2 Mp 177	West Glacier		100	$146,367.90
☐	WEST GLACIER SAND HOUSE	13300 US-2	West Glacier		2,400	$4,915.05
☐	WEST GLACIER SECTION HOUSE	13300 US-2	West Glacier		-00	$243,743.85
☐	DUCK CREEK EQUIPMENT QUONSET	8060 Gallatin Rd	West Yellowstone	2002	-00	$146,246.10
☐	DUCK CREEK EQUIPMENT STORAGE	8060 Gallatin Rd	West Yellowstone		-00	$1,138,290.30
☐	DUCK CREEK LOADER SHED	Us Highway 87 Mp 8.5	West Yellowstone	1968	-00	$135,414.30
☐	DUCK CREEK SAND SHED	8060 Gallatin Rd	West Yellowstone	1968	-00	$268,571.10
☐	DUCK CREEK SECTION HOUSE	8060 Gallatin Rd	West Yellowstone		1,682	$254,998.80
☐	DUCK CREEK SIGN STORAGE	8060 Gallatin Rd	West Yellowstone		-00	$113,881.95
☐	DUCK CREEK TIRE SHED	8060 Gallatin Rd	West Yellowstone		-00	$4,593.75
☐	DUCK CREEK TRAILER PAD	8060 Gallatin Rd	West Yellowstone		-00	$608,371.05
☐	WEST YELLOWSTONE AIRPORT ADMINISTRATION BUILDING	721 Yellowstone Airport Rd	West Yellowstone	1965	2,222	$238,525.35
☐	WEST YELLOWSTONE AIRPORT FIRE RESCUE BUILDING	625 Yellowstone Airport Rd	West Yellowstone	1965	3,558	$208,644.45

☐	WEST YELLOWSTONE AIRPORT TERMINAL ADMINISTRATION	629 Yellowstone Airport Rd	West Yellowstone		10,704	$11,508.00
☐	WEST YELLOWSTONE FIRE RESCUE BUILDING	629 Yellowstone Airport Rd	West Yellowstone	1971	-00	$2,268,922.95
☐	DEEP CREEK EQUIPMENT STORAGE	1317 Valley View Dr	White Sulphur Springs	2004	-00	$84,634.20
☐	DEEP CREEK LOADER SHED	East River Rd Mp 27.1	White Sulphur Springs		-00	$243,743.85
☐	DEEP CREEK SAND SHED	Highway 12 Mp 26.5	White Sulphur Springs		2,400	$101,558.10
☐	WHITE SULPHUR EQUIPMENT SHOP 3 BAY	Highway 12 Mp 26.5	White Sulphur Springs		2,222	$105,306.60
☐	WHITE SULPHUR SPRINGS EQUIPMENT STORAGE	2655 US-12	White Sulphur Springs		222	$21,063.00
☐	WHITE SULPHUR SPRINGS LOADER SHED	7700 US-12	White Sulphur Springs	2013	222	$543,135.60
☐	WHITE SULPHUR SPRINGS SECTION HOUSE	2655 US-12	White Sulphur Springs		2,222	$105,306.60
☐	WHITE SULPHUR SPRINGS SIGN SHED	2655 US-12	White Sulphur Springs		222	$4,593.75
☐	WHITE SULPHUR SPRINGS STORAGE	Us Highway 12 Mp 45	White Sulphur Springs		222	$9,840.60
☐	WHITE SULPHUR SPRINGS STORAGE SHED	2655 US-12	White Sulphur Springs		222	$9,840.60
☐	WHITE SULPHUR SPRINGS STORAGE SHED	Highway 12 Mp 26.5	White Sulphur Springs		222	$9,840.60
☐	WHITE SULPHUR SPRINGS STORAGE SHED	Highway 12 Mp 26.5	White Sulphur Springs		222	$9,840.60
☐	WHITE SULPHUR SPRINGS STORAGE SHED NORTH	2655 US-12	White Sulphur Springs	1970	222	$101,558.10
☐	WHITE SULPHUR SPRINGS TOOL SHED	Highway 12 Mp 26.5	White Sulphur Springs		222	$9,840.60
☐	LUPFER LOADER SHED	Us Highway 93	Whitefish		222	$9,840.60
☐	POINT OF ROCK STOCKPILE	Mt Highway Mp 21.1	Whitefish		-00	$4,593.75
☐	WHITEFISH BREAK ROOM OFFICE	120 Kallner Ln	Whitefish		200	$11,127.90
☐	WHITEFISH EQUIPMENT SHOP	120 Kallner Ln	Whitefish		4,250	$12,105.45
☐	WHITEFISH EQUIPMENT STORAGE	120 Kallner Ln	Whitefish	2000	4,350	$441,781.20
☐	WHITEFISH PIGEON SHED	120 Kallner Ln	Whitefish		1,000	$4,593.75
☐	WHITEFISH PUMP HOUSE	120 Kallner Ln	Whitefish	2000	100	$4,593.75
☐	WHITEFISH QUONSET	Mt Highway 93 North	Whitefish		555	$7,299.60
☐	WHITEFISH SALT STORAGE	120 Kallner Ln	Whitefish	2007	5,100	$133,058.10
☐	WHITEFISH SAND STORAGE	120 Kallner Ln	Whitefish	1980	2,100	$131,633.25
☐	CRICKS CAMP LOADER SHED	621 MT-2	Whitehall		448	$329,050.05
☐	CRICKS CAMP SECTION HOUSE	621 MT-2	Whitehall		-00	$26,271.00
☐	WHITEHALL QUONSET	621 MT-2	Whitehall		222	$9,840.60

☐	WHITEHALL SECTION HOUSE	621 MT-2	Whitehall	2010	-00	$446,857.95
☐	WHITEHALL TOOL STORAGE	621 MT-2	Whitehall		555	$24,603.60
☐	MISSOULA LOADER SHED	Whitehall	Whitetail		560	$30,465.75
☐	WIBAUX REST AREA	I94 Mp 240	Wibaux		-00	$383,427.45
☐	WIBAUX SAND HOUSE	2 Log Cabin Rd	Wibaux		2,400	$106,387.05
☐	WIBAUX SECTION HOUSE	2 Log Cabin Rd	Wibaux		2,222	$105,306.60
☐	WIBAUX SNOBLOWER HUT	I94 Mp 240	Wibaux	2010	-00	$11,127.90
☐	WIBAUX STORAGE SHED	2 Log Cabin Rd	Wibaux		222	$9,840.60
☐	WIBAUX STORAGE SHED	2 Log Cabin Rd	Wibaux		222	$101,558.10
☐	WIBAUX VISITOR CENTER	505 2nd Ave	Wibaux	1998	111	$4,921.35
☐	WIBAUX VISITOR CENTER PINIC SHELTER	505 2Nd Ave	Wibaux		22	$974.40
☐	WIBAUX VISITOR CENTER STORAGE	505 2nd Ave	Wibaux		111	$4,921.35
☐	WIBAUX WEIGH STATION	I 90 Mp 240	Wibaux	2005	-00	$619,507.35
☐	TOM MINER STOCKPILE	Mt Highway 89 Mp 16.5	Wilsall		-00	$4,593.75
☐	WILSALL SECTION HOUSE	2308 US Hwy 89 N	Wilsall		1,111	$487,482.45
☐	WILSALL SIGN SHED	2308 US Hwy 89 N	Wilsall	2004	222	$4,593.75
☐	WILSALL TOOL SHED	2308 US Hwy 89 N	Wilsall		222	$9,840.60
☐	WINNETT EQUIPMENT STORAGE NORTH	220 N Broadway	Winnett	1996	-00	$4,593.75
☐	WINNETT SAND HOUSE	220 N Broadway	Winnett		-00	$4,593.75
☐	WISDOM MAINTENANCE SHOP	58791 MT-278	Wisdom	2012	-00	$4,593.75
☐	WISDOM SECTION HOUSE	58791 MT-278	Wisdom	1998	-00	$30,808.05
☐	WISDOM STOCKPILE SITE	58791 MT-278	Wisdom		-00	$4,593.75
☐	WISDOM STORAGE SHED	58791 MT-278	Wisdom		-00	$463,761.90
☐	WISDOM TOOL STORAGE	58791 MT-278	Wisdom		-00	$4,593.75
☐	SPORTSMAN LOADER SHED	Mt Highway 43 Mp 517	Wise River		-00	$4,593.75
☐	ROGERS PASS EQUIPMENT SHOP	5380 MT-200	Wolf Creek	1980	-00	$101,558.10
☐	ROGERS PASS EQUIPMENT STORAGE	37048 Us Highway 12 West	Wolf Creek		1,111	$49,248.15
☐	ROGERS PASS EQUIPMENT STORAGE	5380 MT-200	Wolf Creek	1971	1,111	$42,231.00
☐	ROGERS PASS GARAGE	5380 MT-200	Wolf Creek		-00	$338,529.45

☐	ROGERS PASS MAINTENANCE SHOP	5380 MT-200	Wolf Creek		-00	$56,965.65
☐	ROGERS PASS REST AREA	5380 MT-200	Wolf Creek		100	$9,642.15
☐	ROGERS PASS SECTION HOUSE	5380 MT-200	Wolf Creek		2,222	$105,306.60
☐	ROGERS PASS SIGN SHED	5380 MT-200	Wolf Creek		100	$4,434.15
☐	ROGERS PASS STORAGE SHED	5380 MT-200	Wolf Creek		222	$9,840.60
☐	ROGERS PASS TOOL SHED	5380 MT-200	Wolf Creek		222	$9,840.60
☐	WOLF CREEK COMBINATION BUILDING	915 Craig Frontage Rd	Wolf Creek	1951	-00	$182,806.05
☐	WOLF CREEK EQUIPMENT SHOP	915 Craig Frontage Rd	Wolf Creek		-00	$4,593.75
☐	WOLF CREEK GAS SHED	915 Craig Frontage Rd	Wolf Creek	1972	100	$4,593.75
☐	WOLF CREEK LOADER SHED	915 Craig Frontage Rd	Wolf Creek		-00	$270,823.35
☐	WOLF CREEK LOWER SHED	915 Craig Frontage Rd	Wolf Creek	1977	100	$4,593.75
☐	WOLF CREEK REST AREA NORTH	Interstate 15 Mp 239.7	Wolf Creek	2010	222	$21,403.20
☐	WOLF CREEK REST AREA SOUTH	Interstate 15 Mp 239.8	Wolf Creek	2010	222	$21,404.25
☐	WOLF CREEK REST AREA SUPPLY SHED	915 Craig Frontage Rd	Wolf Creek		100	$4,434.15
☐	Wolf Creek RWIS site Cow Creek	Mt 13 Mile Post 19.9	Wolf Creek		-00	$0.00
☐	WOLF CREEK SAND SHED	915 Craig Frontage Rd	Wolf Creek	2008	-00	$4,593.75
☐	WOLF CREEK SECTION HOUSE	915 Craig Frontage Rd	Wolf Creek		1,568	$74,311.65
☐	WOLF CREEK SHED WEST	915 Craig Frontage Rd	Wolf Creek		222	$9,840.60
☐	WOLF CREEK SIGN SHED	915 Craig Frontage Rd	Wolf Creek		100	$4,434.15
☐	WOLF CREEK STORAGE SHED	915 Craig Frontage Rd	Wolf Creek		100	$4,434.15
☐	RWIS CULBERTSON	4201 Wolf Point Section	Wolf Point	1990	200	$8,474.55
☐	WOLF POINT COMBINATION BUILDING	200 MT-25	Wolf Point	1937	222	$9,840.60
☐	WOLF POINT COMBO B STORAGE SHED	200 MT-25	Wolf Point		222	$143,453.10
☐	WOLF POINT CONSTRUCTION OFFICE TRAILER	200 MT-25	Wolf Point		555	$164,897.25
☐	WOLF POINT CONSTRUCTION OFFICE TRAILER	200 MT-25	Wolf Point		555	$25,099.20
☐	WOLF POINT CONSTRUCTION STAKE SHED	200 MT-25	Wolf Point	1973	111	$4,593.75
☐	WOLF POINT CONSTRUCTION TIN SHED	200 MT-25	Wolf Point		111	$4,921.35
☐	WOLF POINT DISTRICT OFFICE	200 MT-25	Wolf Point	1972	12,417	$30,465.75
☐	WOLF POINT LAB STORAGE	4201 Wolf Point Section	Wolf Point	1990	200	$8,474.55

DEPARTMENT OF TRANSPORTATION						
☐	WOLF POINT LAB TIN STORAGE	200 MT-25	Wolf Point		222	$4,063.50
☐	WOLF POINT LOADER SHED	Mt Highway 250 Mp .7	Wolf Point		428	$101,558.10
☐	WOLF POINT LOADER SHED	Mt Highway 251 Mp 24.3	Wolf Point		222	$9,840.60
☐	WOLF POINT LONG SHED	200 MT-25	Wolf Point		222	$9,840.60
☐	WOLF POINT NEW EQUIPMENT SHOP	200 MT-25	Wolf Point	2020	10,000	$294,857.85
☐	WOLF POINT PUMP HOUSE	200 MT-25	Wolf Point		-00	$364,570.50
☐	Wolf Point Radio Equipment	Wolf Point Sandshed	Wolf Point		-00	$0.00
☐	WOLF POINT RADIO STORAGE	Mt Highway 250 Mp .7	Wolf Point		-00	$67,706.10
☐	WOLF POINT SECTION HOUSE	200 MT-25	Wolf Point	1990	10,000	$423,702.30
☐	WOLF POINT SECTION HOUSE	200 MT-25	Wolf Point	1987	2,222	$105,306.60
☐	WOLF POINT SECTION HOUSE NEW	6205 Us Highway 250	Wolf Point	2018	7,318	$1,641,265.50
☐	Wolf Point Shipping Container	200 East Us Highway 25	Wolf Point	2020	100	$2,123.10
☐	WOLF POINT TESTING LAB	200 East Us Highway 25	Wolf Point		555	$24,603.60
☐	Wolf Point Timber Equipment Storage	200 East Us Highway 25	Wolf Point	2020	100	$2,123.10
☐	WOLF POINT TIN STORAGE EAST	200 East Us Highway 25	Wolf Point		222	$9,840.60
☐	WOLF POINT TIN STORAGE MIDDLE	200 East Us Highway 25	Wolf Point		222	$4,915.05
☐	WOLF POINT TIRE SHED	200 East Us Highway 25	Wolf Point		222	$9,840.60
☐	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	$44,326.80
DEPARTMENT OF TRANSPORTATION: 1468 Buildings			**TOTAL SQ FT: 1,940,801**		**TOTAL CRV:**	**$274,559,199.60**

MONTANA HERITAGE COMMISSION

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	Dundee's Barber Shop	109 Reeders Alley	Helena	1884	412	$172,952.85
☐	Frayed Sew	105 Reeders Alley	Helena	1884	790	$277,372.20
☐	Karmadillos	139 Reeders Alley	Helena	1884	595	$257,793.90
☐	MHC Offices	101 Reeders Alley	Helena	1884	342	$99,530.55
☐	Office	137 Reeders Alley	Helena	1884	176	$119,106.75
☐	Pavilion	114 Reeders Alley	Helena	1985	544	$44,459.10
☐	Pioneer Cabin	212 S Park Ave	Helena	1864	598	$177,846.90
☐	Pioneer Caretaker's Cabin	212 S Park Ave	Helena	1864	1,017	$215,373.90
☐	Residence	121 Reeders Alley	Helena	1884	632	$249,638.55
☐	Restroom	125 Reeders Alley	Helena	1884	278	$115,846.50
☐	Stone House Restaurant	120 Reeders Alley	Helena	1884	3,800	$1,116,021.90
☐	Storage Shed	Reeders Alley - Westside	Helena	1884	150	$22,841.70
☐	Sustainable Obtainable Solutions	127 Reeders Alley	Helena	1884	203	$86,474.85
☐	Sustainable Obtainable Solutions	129 Reeders Alley	Helena	1884	180	$47,316.15
☐	Vacant	111 Reeders Alley	Helena	1884	176	$92,997.45
☐	Vacant	113 Reeders Alley	Helena	1884	232	$89,740.35
☐	Vacant	135 Reeders Alley	Helena	1884	176	$99,530.55
☐	Vacant Office - Rental	123 Reeders Alley	Helena	1884	484	$181,108.20
☐	Vacant Office - Rental	119 Reeders Alley	Helena	1884	158	$91,371.00
☐	Western Environmental Center	131 Reeders Alley	Helena	1884	620	$148,477.35
☐	Applebaum & Crabb Store	Brewery St #2	Virginia City	1870	882	$77,547.75
☐	Arizona Commodities Inc.	Block 153	Virginia City	1900	312	$159,711.30
☐	Assay Office	Brewery St #3	Virginia City	1890	252	$19,175.10
☐	Assay Office	Block 193	Virginia City	1946	993	$276,303.30
☐	Aunt Julia's House	Block 154	Virginia City	1878	917	$295,466.85
☐	Aunt Julia's Outhouse	Block 154	Virginia City	1863	27	$4,791.15
☐	Axolotl Lake Cabin	Block 196	Virginia City	1900	255	$94,229.10
☐	Bachelor's Cabin	Oriental Ave (Chinatown) #5	Virginia City	1870	130	$14,254.80

MONTANA HERITAGE COMMISSION

☐	Bale of Hay Saloon	Block 193	Virginia City	1863	2,739	$990,213.00
☐	Barber Shop	Brewery St #5	Virginia City	1875	240	$18,497.85
☐	Barber Shop	Block 193	Virginia City	1863	455	$105,410.55
☐	Bell Tower	Wood St #2 Bldg 11	Virginia City	1930	72	$11,029.20
☐	Bickford House	Block 183	Virginia City	1864	1,293	$448,792.05
☐	Big Chinese Store	Oriental Ave (Chinatown) #2	Virginia City	1870	540	$65,160.90
☐	Big Chinese Store Outhouse	Oriental Ave (Chinatown) #1	Virginia City	1910	25	$678.30
☐	Bob Stone Blacksmith Shop	Hill St #2	Virginia City	1880	196	$9,673.65
☐	Bonanza Inn	Block 196	Virginia City	1864	2,176	$1,063,677.30
☐	Bonanza Inn Coal shed	Block 196	Virginia City	1920	148	$44,721.60
☐	Boots & Shoes/Photo Shop	Block 193	Virginia City	1863	1,172	$285,884.55
☐	Brewery	Block 156	Virginia City	1863	4,356	$1,335,189.45
☐	Buford Center Part (Wells Fargo Coffee House)	Block 193	Virginia City	1880	8,240	$2,676,768.15
☐	Buford Store	Block 193	Virginia City	1875	990	$528,645.60
☐	Cabbage Patch Barn	Block 154	Virginia City	1870	234	$30,343.95
☐	Cabbage Patch Outhouse	Block 154, 321A W Wallace St	Virginia City	1870	33	$4,791.15
☐	Cabbage Patch Outhouse #2	321C W Wallace St	Virginia City	1870	18	$3,194.10
☐	Cabbage Patch Shed East of Barn	Block 154	Virginia City	1870	48	$7,986.30
☐	Cabbage Patch Shed toward street	Block 154	Virginia City	1930	88	$9,583.35
☐	Cabbage Patch Shed w/Display	Block 154	Virginia City	1870	152	$20,760.60
☐	Cabin 1 (Motel)	Wood St #1 Bldg 10	Virginia City	1950	302	$33,258.75
☐	Cabin 10 (Motel)	Brewery St #16	Virginia City	1950	583	$64,483.65
☐	Cabin 11 & 12 (Motel)	Brewery St #17	Virginia City	1950	492	$54,299.70
☐	Cabin 14	Brewery St #18	Virginia City	1950	291	$32,072.25
☐	Cabin 15 &16 (Motel)	Brewery St #19	Virginia City	1950	640	$70,590.45
☐	Cabin 17 & 18 (Motel)	Brewery St #20	Virginia City	1950	587	$64,821.75
☐	Cabin 2 (Motel)/Mining Office	Wood St (Highway)	Virginia City	1950	381	$42,084.00
☐	Cabin 3 (Motel)	Wood St #1 Bldg 8	Virginia City	1950	287	$31,731.00
☐	Cabin 4 (Motel)	Wood St #1 Bldg 7	Virginia City	1950	334	$36,818.25

☐	Cabin 5 (Motel)	Brewery St #9	Virginia City	1950	420	$46,323.90
☐	Cabin 6 (Motel)	Brewery St #12	Virginia City	1950	375	$41,403.60
☐	Cabin 7 (Motel)	Brewery St #13	Virginia City	1950	226	$24,945.90
☐	Cabin 8 (Motel)	Brewery St #14	Virginia City	1950	408	$44,965.20
☐	Cabin 9 (Motel)	Brewery St #15	Virginia City	1950	347	$38,348.10
☐	Cabin South of Alder	Hill St #4	Virginia City	1865	300	$15,272.25
☐	California Creek Cabin	Hill St #3	Virginia City	1870	418	$16,118.55
☐	Calloway Cabin	California St #1 Bldg 1	Virginia City	1880	210	$17,647.35
☐	Central City Depot	US Hwy 287 Central City #1	Virginia City	1920	480	$34,449.45
☐	Central City Motorcar Shed	US Hwy 297 Central City #2	Virginia City	1940	96	$3,733.80
☐	Central City Outhouse	US Hwy 287 Central City #3	Virginia City	1930	25	$1,018.50
☐	Charlie Bovey Building	Brewery St #1	Virginia City	1910	660	$71,266.65
☐	Cheap Cash Store	Wood St #2 Bldg 5	Virginia City	1867	706	$1,199.10
☐	Chicken House	California St #1 Bldg 1	Virginia City	1910	54	$3,054.45
☐	Chinatown Smokehouse	Oriental Ave (Chinatown) #4	Virginia City	1870	99	$4,583.25
☐	Chinese Grocery	Oriental Ave (Chinatown) #6	Virginia City	1870	394	$30,542.40
☐	Chinese Laundry	Oriental Ave (Chinatown) #8	Virginia City	1870	315	$25,112.85
☐	Chinese Laundry Outhouse	Oriental Ave (Chinatown) #9	Virginia City	1910	25	$678.30
☐	Chinese Temple	Oriental Ave (Chinatown) #10	Virginia City	1870	476	$31,393.95
☐	Chris's Outhouse	Wood St #3 Bldg 10	Virginia City	1890	25	$1,018.50
☐	City Bakery	Block 154	Virginia City	1863	619	$305,050.20
☐	Content's Corner & Root Cellar	Block 193	Virginia City	1864	4,096	$1,780,784.25
☐	Criterion Hall Livery Stable	Wood St #2 Bldg 8	Virginia City	1950	2,582	$148,477.35
☐	Dance and Stuart Store	Block 154	Virginia City	1950	1,260	$404,071.50
☐	Daylight Village Boiler & Restrooms	Block 158	Virginia City	1951	426	$116,589.90
☐	Daylight Village Boys' Cabins	Block 158	Virginia City	1948	1,148	$319,421.55
☐	Daylight Village Cabins 1 & 2 (North Row)	Block 158	Virginia City	1948	545	$250,747.35
☐	Daylight Village Cabins 25 - 28 (South Row)	Block 158	Virginia City	1942	1,260	$428,026.20
☐	Daylight Village Cabins 29 - 32 (South Row)	Block 158	Virginia City	1942	1,030	$384,906.90

☐	Daylight Village Cabins 3 & 4	Block 158	Virginia City	1948	545	$206,023.65
☐	Daylight Village Cabins 33 - 38	Block 158	Virginia City	1942	988	$380,113.65
☐	Daylight Village Cabins 5 & 6	Block 158	Virginia City	1948	545	$193,252.50
☐	Daylight Village Cabins 7 & 8	Block 158	Virginia City	1948	545	$209,221.95
☐	Daylight Village Cabins 9 & 10	Block 158	Virginia City	1948	545	$212,416.05
☐	Daylight Village Girls' Cabins	Block 158	Virginia City	1942	1,133	$402,471.30
☐	Daylight Village Office	Block 158	Virginia City	1948	409	$135,754.50
☐	Depot Outhouse	Wood St #3	Virginia City	1930	70	$1,695.75
☐	Depuis House	Wood St #2 Bldg 7	Virginia City	1871	608	$61,258.05
☐	Dimsdale School	Byam St #7	Virginia City	1865	224	$10,692.15
☐	Dr. Byam House	Wood St #1 Bldg 6	Virginia City	1863	1,760	$189,031.50
☐	Dr. Dame's House (East)	Block 198	Virginia City	1864	628	$268,314.90
☐	Dr. Dame's House (West)	Block 198	Virginia City	1864	720	$269,909.85
☐	Dress Shop (Kramer)	Block 154	Virginia City	1863	1,007	$322,616.70
☐	DRY BEAN SHED	Block 194	Virginia City	1910	211	$19,162.50
☐	Dry Goods Store	Wood St #2 Bldg 9	Virginia City	1890	1,008	$79,414.65
☐	Duck Pond Cabin	Block 196	Virginia City	1875	275	$91,035.00
☐	E.L.Smith Store	Block 193	Virginia City	1864	1,992	$543,020.10
☐	East Helena Store	Byam St #4	Virginia City	1880	800	$36,650.25
☐	Ebrels Blacksmith Shop	Brewery St #4	Virginia City	1890	1,300	$100,286.55
☐	Edmiston House	Byam St #5	Virginia City	1920	1,616	$85,692.60
☐	Edmiston Outhouse	Byam St #6	Virginia City	1950	36	$1,018.50
☐	Elling Store	Block 193	Virginia City	1946	580	$166,101.60
☐	Fairweather Inn	Block 154	Virginia City	1863	7,019	$2,007,574.80
☐	Fayette Harrington House	Block 196	Virginia City	1865	673	$182,071.05
☐	Fenner Barn	Wood St #1 Bldg 11	Virginia City	1890	720	$32,919.60
☐	Finney House	Wood St #3 Bldg 4	Virginia City	1863	1,583	$136,938.90
☐	Finney Summer Kitchen	Wood St #3 Bldg 3	Virginia City	1863	552	$33,937.05
☐	Fire Station (VC/NC)	Wood St #2 Bldg 16	Virginia City	1920	189	$9,163.35

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☐	Fire Station Display	Block 193	Virginia City	1946	481	$174,084.75
☐	Ford Bovey Barn	402 E. Jefferson St	Virginia City	1895	1,617	$290,673.60
☐	Ford Bovey Cabin	Block 145	Virginia City	1932	464	$186,862.20
☐	Ford Bovey Stone House	Block 145	Virginia City	1866	2,992	$859,251.75
☐	Ford Shop	402 1/2 E Jefferson St	Virginia City	1989	1,434	$159,711.30
☐	Ford's Old House	Block 151	Virginia City	1870	1,020	$309,842.40
☐	Forest Service Cabin	California St #2 Bldg 11	Virginia City	1910	297	$12,727.05
☐	Gallows Barn	California St #2 Bldg 10	Virginia City	1895	1,280	$54,299.70
☐	George Ives Jail	Wood St #1 Bldg 12	Virginia City	1865	499	$20,532.75
☐	Gift Shop	US Hwy 287 #4	Virginia City	1940	610	$58,709.70
☐	Gilbert House	Block 158	Virginia City	1864	2,907	$664,400.10
☐	Gov. Meagher House (Grace & Smitty's House)	Block 197	Virginia City	1864	644	$277,896.15
☐	Green Front Hotel	Block 194	Virginia City	1866	605	$148,533.00
☐	Green Front Restaurant	Block 194	Virginia City	1866	612	$212,416.05
☐	Gun Shop	Wood St #1 Bldg 5	Virginia City	1880	154	$10,181.85
☐	Hickman (Fairchild) House	Block 198	Virginia City	1890	1,219	$394,488.15
☐	Hickman Shed	Block 198	Virginia City	1940	96	$17,568.60
☐	Ice House Behind E.L. Smith Store	Jackson St & US Hwy 287	Virginia City	1950	594	$50,057.70
☐	Insulbrook Outhouse	Brewery St #6	Virginia City	1940	24	$678.30
☐	Iron Rod Cabin	Block 196	Virginia City	1865	271	$91,035.00
☐	Iron Rod House	California St #2 Bldg 7	Virginia City	1865	765	$64,651.65
☐	Iron Rod Outhouse	California St #2 Bldg 9	Virginia City	1910	20	$849.45
☐	Iron Rod Post Office	California St #2 Bldg 1	Virginia City	1868	663	$61,933.20
☐	Iron Rod Post Office Outhouse	California St #2 Bldg 2	Virginia City	1950	36	$1,018.50
☐	J.D.E. Shop	California St #2 Bldg 8	Virginia City	1885	830	$77,547.75
☐	Jewelry Store	Block 154	Virginia City	1863	774	$300,256.95
☐	Joe's Cabin	Oriental Ave (Chinatown) #11	Virginia City	1890	409	$48,534.15
☐	Joe's Outhouse	Oriental Ave (Chinatown) #12	Virginia City	1910	32	$1,018.50
☐	John Elingson House	Byam St	Virginia City	1880	581	$73,983.00

MONTANA HERITAGE COMMISSION

☐	Kiskadden Barn	Block 154	Virginia City	1878	2,500	$611,696.40
☐	LIGHTNING SPLITTER	Block 196	Virginia City	1864	1,311	$420,039.90
☐	Linderman Building	Byam St #3	Virginia City	1880	544	$33,090.75
☐	Little Joe's Cabin	Block 194	Virginia City	1875	336	$118,185.90
☐	Little Joe's Outhouse	Block 194	Virginia City	1910	82	$19,162.50
☐	Log Cabin with Tin Can Roof	Wood St #3 Bldg 5	Virginia City	1865	272	$11,707.50
☐	Lumber Yard Office	Byam St #1	Virginia City	1880	546	$32,239.20
☐	McFarland Curatorial Center	Curatorial Addition to Townsite	Virginia City	1999	6,630	$1,640,783.55
☐	McGovern Barn	Block 154	Virginia City	1863	653	$105,410.55
☐	McGovern Store	Block 154	Virginia City	1863	781	$252,346.50
☐	Methodist Church	Block 198	Virginia City	1875	1,639	$1,121,174.25
☐	Mining Office	Wood St (Highway)	Virginia City	1870	72	$4,753.35
☐	Miss Lilly's Cabin	Wood St #3 Bldg 2	Virginia City	1865	195	$14,084.70
☐	Miss Murphy's Cabin	Wood St #3 Bldg 1	Virginia City	1870	256	$18,327.75
☐	Molinary Shop	Wood St #2 Bldg 3	Virginia City	1871	1,000	$85,185.45
☐	Montana Post & Stone Print Shop	Block 155	Virginia City	1863	1,881	$356,155.80
☐	Motor Car Shed	Block 194	Virginia City	1920	110	$27,150.90
☐	Motor Car Shed by Depot	Wood St #4	Virginia City	1930	117	$4,243.05
☐	Motor Car Shed by Roundhouse	MT Hwy 287 #1	Virginia City	1940	120	$5,260.50
☐	Music Hall	Wood St #2 Bldg 13	Virginia City	1912	3,000	$229,079.55
☐	Mutt Dixon House (Costume Shack)	Block 193	Virginia City	1870	846	$271,511.10
☐	Mutt Dixon Shed	Block 193	Virginia City	1910	80	$11,179.35
☐	Nevada City Depot	Wood St #1	Virginia City	1999	2,031	$21,720.30
☐	Nevada City Depot Restrooms	Wood St #2	Virginia City	2008	512	$41,499.15
☐	Nevada City Emporium	Wood St #1 Bldg 4	Virginia City	1880	1,085	$95,361.00
☐	Nevada City Engine House	US Hwy 287 #2	Virginia City	1999	3,532	$195,480.60
☐	Nevada City Fire Station Display	Brewery St #8	Virginia City	1890	680	$33,427.80
☐	Nevada City Hotel, Front & Back Sections	Wood St #2 Bldg 14	Virginia City	1865	7,328	$690,286.80
☐	Nevada City Outhouse	Wood St #2 Bldg 6	Virginia City	1920	20	$849.45

MONTANA HERITAGE COMMISSION

☐	Nevada City Outhouse (2 Story)	Wood St #2 Bldg 15	Virginia City	1890	64	$2,545.20
☐	Nevada City School	California St #2 Bldg 3	Virginia City	1867	394	$36,818.25
☐	Nevada City School Outhouse - Boys	California St #2 Bldg 6	Virginia City	1940	25	$678.30
☐	Nevada City School Outhouse - Girls	California St #2 Bldg 4	Virginia City	1940	25	$678.30
☐	Nevada City Ship Shed	MT Hwy 287 Bldg 3	Virginia City	1975	416	$13,576.50
☐	New Pumphouse	Hill St #5	Virginia City	1997	63	$2,035.95
☐	North Jack Taylor Cabin	Block 196	Virginia City	1864	660	$225,194.55
☐	Nunnery	Block 196	Virginia City	1876	972	$289,079.70
☐	Oil Stove Shed	Wood St #3 Bldg 11	Virginia City	1940	81	$1,695.75
☐	Old House	Block 153	Virginia City	1920	231	$76,661.55
☐	Old Pumphouse	Hill St #1	Virginia City	1950	28	$849.45
☐	Old Shop Outhouse	Oriental Ave (Chinatown) #7	Virginia City	1910	25	$1,018.50
☐	Opera House Inc. Stage	Block 193	Virginia City	1895	4,209	$1,747,246.20
☐	Opera House Scenery Shed	Block 193	Virginia City	1995	324	$28,750.05
☐	Opera House Shop	Block 193	Virginia City	1949	330	$28,750.05
☐	Opium Den	Oriental Ave (Chinatown) #3	Virginia City	1870	285	$17,647.35
☐	Original Brewery Dugout	Block 147	Virginia City	1863	432	$100,619.40
☐	Outhouse behind Cabin 5	Brewery St #11	Virginia City	1940	20	$678.30
☐	Peterson Cabin	Wood St (Highway)	Virginia City	1870	448	$27,321.00
☐	Peterson Outhouse	Wood St (Highway)	Virginia City	1910	22	$849.45
☐	Peterson Shed	Wood St (Highway)	Virginia City	1910	90	$3,224.55
☐	Pitman Gas Station & Shed	Block 154	Virginia City	1919	593	$111,797.70
☐	Player's Bath House	Block 196	Virginia City	1946	454	$217,206.15
☐	Pottery Shop	Block 158	Virginia City	1920	714	$273,108.15
☐	Prasch Blacksmith Shop	Block 193	Virginia City	1863	1,076	$263,524.80
☐	Public Restrooms	Wood St #1 Bldg 2	Virginia City	1975	63	$10,181.85
☐	Rear of Dry Goods Store	Wood St #2 Bldg 10	Virginia City	1890	388	$27,321.00
☐	Rehearsal Hall	Block 196	Virginia City	1948	2,566	$474,343.80
☐	Richards Cabin	Wood St #2 Bldg 1	Virginia City	1865	514	$34,955.55

MONTANA HERITAGE COMMISSION

☐	Richards Outhouse	Wood St #2 Bldg 2	Virginia City	1880	16	$678.30
☐	Richards Shed	Wood St #2 Bldg 4	Virginia City	1865	192	$5,431.65
☐	Ron Abbie Cabin	Block 197	Virginia City	1864	341	$169,294.65
☐	Root Cellar	217 1/2 S Jackson St	Virginia City	1864	48	$6,386.10
☐	Ruby Cabin	Block 196	Virginia City	1905	434	$130,964.40
☐	Sadie Marr House	204 W Idaho St	Virginia City	1863	787	$154,918.05
☐	Sauerbier Blacksmith Shop	Block 193	Virginia City	1863	1,581	$261,926.70
☐	School House Cabin	Block 196	Virginia City	1890	438	$134,155.35
☐	Sedman House	Wood St #3 Bldg 9	Virginia City	1873	2,016	$238,073.85
☐	Sedman Outhouse	Wood St #3 Bldg 8	Virginia City	1920	25	$1,018.50
☐	Shed Behind Cabin 5	Brewery St #10	Virginia City	1910	39	$1,357.65
☐	Sheriff's Office	California St #2 Bldg 5	Virginia City	1890	783	$59,730.30
☐	Shingle Shed	Block 193	Virginia City	1960	160	$17,568.60
☐	Shoemaker's Shop	California St #1 Bldg 3	Virginia City	1880	255	$21,550.20
☐	Shop Outhouse and Oil Shed	Byam St #2	Virginia City	1940	36	$3,392.55
☐	Sim Ferguson Cabin	Block 152	Virginia City	1870	330	$107,005.50
☐	Small Frame Shed in Finney Yard	Wood St #3 Bldg 7	Virginia City	1865	156	$4,920.30
☐	Small Log Cabin in Finney Yard	Wood St #3 Bldg 6	Virginia City	1863	168	$18,327.75
☐	Small Red Building on Railroad West Side of Gulch	Curatorial Addition to Townsite	Virginia City	1930	89	$15,971.55
☐	Small Shed by House	Block 183	Virginia City	1925	200	$22,358.70
☐	Smitty's Coal Shed	Block 197	Virginia City	1920	114	$12,777.45
☐	Smitty's Garage	Block 197	Virginia City	1920	552	$55,897.80
☐	South Jack Taylor Cabin	Block 196	Virginia City	1864	539	$191,656.50
☐	Star Bakery	Wood St #1 Bldg 1	Virginia City	1864	1,008	$101,812.20
☐	Star Bakery Patio	Wood St #1 Bldg 3	Virginia City	1950	317	$22,568.70
☐	Stone Cellar (Ruins)	Block 145	Virginia City	1870	-00	$62,864.55
☐	Stonewall Hall - Montana's Territorial Capital Building	218 W Wallace St	Virginia City	1863	2,457	$1,467,375.00
☐	Sullivan Saddlery	Brewery St #7	Virginia City	1865	590	$45,477.60
☐	Sun River Jail	Wood St #2 Bldg 12	Virginia City	1875	228	$8,994.30

MONTANA HERITAGE COMMISSION

☐	Switzer House	California St #1 Bldg 5	Virginia City	1863	968	$90,443.85
☐	Switzer Outhouse	California St #1 Bldg 4	Virginia City	1940	25	$1,018.50
☐	Tack Shed	Block 145	Virginia City	1960	90	$12,777.45
☐	Thexton House	Block 153	Virginia City	1870	1,174	$349,767.60
☐	Tin Clad	Block 154	Virginia City	1870	114	$14,372.40
☐	Tin Shed	Block 156	Virginia City	1930	180	$27,150.90
☐	Tiny Sheridan Log Cabin	California St #2 Bldg 12	Virginia City	1880	196	$11,029.20
☐	Tobacco Shop	Block 154	Virginia City	1863	357	$132,559.35
☐	Toy Store	Block 154	Virginia City	1863	1,008	$391,295.10
☐	Toy Store 2-Story Outhouse	Block 154	Virginia City	1930	54	$12,777.45
☐	Toy Store Outhouse	Block 154	Virginia City	1940	30	$6,386.10
☐	Variety Store	Block 193	Virginia City	1864	722	$253,940.40
☐	Virginia City Depot	Block 194	Virginia City	1895	1,445	$439,205.55
☐	Virginia City Depot Restrooms	Block 194	Virginia City	1970	60	$36,733.20
☐	Virginia City Information Center and Gas Station	225 E Wallace St	Virginia City	2019	2,600	$427,492.80
☐	Virginia City Trading Co.	Block 193	Virginia City	1946	788	$241,166.10
☐	Virginia City/Nevada City	Virginia City/Nevada City	Virginia City		-00	$0.00
☐	Wagon Shop	California St #1 Bldg 6	Virginia City	1911	6,000	$390,281.85
☐	Wells Fargo Display	Block 193	Virginia City	1863	417	$111,797.70
☐	Weston Hotel	Block 154	Virginia City	1863	398	$229,984.65
☐	White Building	Block 196	Virginia City	1920	295	$55,897.80
☐	White Building Outhouse	Block 196	Virginia City	1920	25	$6,386.10
☐	Wonderly Cabin	California St #2 Bldg 13	Virginia City	1880	150	$24,773.70
MONTANA HERITAGE COMMISSION: 254 Buildings			**TOTAL SQ FT:**	**196,345**	**TOTAL CRV:**	**$45,442,538.40**

MONTANA HISTORICAL SOCIETY

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	Moss Mansion	914 Division St	Billings	1902	12,311	$7,545,692.70
☐	Visitor's Pavilion, Moss Mansion	914 Division St	Billings	2002	528	$288,468.60
MONTANA HISTORICAL SOCIETY: 2 Buildings			**TOTAL SQ FT:**	**12,839**	**TOTAL CRV:**	**$7,834,161.30**

OFFICE OF PUBLIC INSTRUCTION

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	MLC 7631	7631 Canyon Ferry Rd	Helena	1950	1,592	$73,995.60
☑	MLC 7631 S	7631 Canyon Ferry Rd	Helena	1950	130	$6,040.65
☑	MLC 7633	7633 Canyon Ferry Rd	Helena	1950	1,592	$42,594.30
☑	MLC 7633 S	7633 Canyon Ferry Rd	Helena	1950	130	$6,040.65
☑	MLC 7635	7635 Canyon Ferry Rd	Helena	1950	1,592	$3,477.60
☑	MLC 7635 S	7635 Canyon Ferry Rd	Helena	1950	130	$6,040.65
☑	MLC 7637	7637 Canyon Ferry Rd	Helena	1950	1,592	$42,594.30
☑	MLC 7637 S	7637 Canyon Ferry Rd	Helena	1950	130	$6,040.65
☑	MLC 7639	7639 Canyon Ferry Rd	Helena	1950	1,592	$42,594.30
☑	MLC 7639 S	7639 Canyon Ferry Rd	Helena	1950	130	$6,040.65
☑	MLC 7641	7641 Canyon Ferry Rd	Helena	1950	1,592	$42,594.30
☑	MLC 7641 S	7641 Canyon Ferry Rd	Helena	1950	130	$6,040.65
☑	MLC 7643	7643 Canyon Ferry Rd	Helena	1950	1,592	$76,849.50
☑	MLC 7643 S	7643 Canyon Ferry Rd	Helena	1950	130	$6,040.65
☑	MLC 7645	7645 Canyon Ferry Rd	Helena	1950	1,592	$42,594.30
☑	MLC 7645 S	7645 Canyon Ferry Rd	Helena	1950	130	$6,040.65
☑	MLC 7646	7646 Canyon Ferry Rd	Helena	1950	1,704	$45,592.05
☑	MLC 7646 S	7646 Canyon Ferry Rd	Helena	1950	130	$6,040.65
☑	MLC 7647	7647 Canyon Ferry Rd	Helena	1950	1,704	$45,592.05
☑	MLC 7647 S	7647 Canyon Ferry Rd	Helena	1950	130	$6,040.65
☑	MLC 7651	7651 Canyon Ferry Rd	Helena	1950	1,704	$45,592.05
☑	MLC 7651 S	7651 Canyon Ferry Rd	Helena	1950	130	$6,040.65
☑	MLC 7653	7653 Canyon Ferry Rd	Helena	1950	1,704	$45,592.05
☑	MLC 7653 S	7653 Canyon Ferry Rd	Helena	1950	130	$6,040.65
☑	MLC 7655	7655 Canyon Ferry Rd	Helena	1950	1,704	$45,592.05
☑	MLC 7655 S	7655 Canyon Ferry Rd	Helena	1950	130	$6,040.65
☑	MLC 7657	7657 Canyon Ferry Rd	Helena	1950	1,704	$45,592.05
☑	MLC 7657 S	7657 Canyon Ferry Rd	Helena	1950	130	$6,040.65

OFFICE OF PUBLIC INSTRUCTION

☑	MLC 7659	7659 Canyon Ferry Rd	Helena	1950	1,704	$45,592.05
☑	MLC 7659 S	7659 Canyon Ferry Rd	Helena	1950	130	$6,040.65
☐	MT DRIVE Classroom Building	1500 Raceway Dr	Lewistown	2016	698	$77,863.80

OFFICE OF PUBLIC INSTRUCTION: 31 Buildings **TOTAL SQ FT: 27,312** **TOTAL CRV: $854,912.10**

PUBLIC HEALTH & HUMAN SERVICES

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Helena - Commodity Warehouse	1400 Carter Dr	Helena	1996	-00	$0.00
PUBLIC HEALTH & HUMAN SERVICES: 1 detail record			**TOTAL SQ FT:**	**-00**	**TOTAL CRV:**	**$0.00**

PUBLIC HEALTH & HUMAN SERVICES, INTENSIVE BEHAVIOR CENTER/BOULDER CAMPUS

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	ASU ADMINISTRATION	310 4th Ave	Boulder	2007	3,000	$1,100,316.00
☑	Building 104 Complex	310 4th Ave	Boulder	1950	35,909	$1,231,640.55
☑	HOME 4 BED ASU A	310 4th Ave	Boulder	2007	2,000	$733,543.65
☑	HOME 4 BED ASU B	310 4th Ave	Boulder	2007	2,000	$733,543.65
☑	HOME 4 BED ASU C	310 4th Ave	Boulder	2007	2,000	$733,543.65
☑	Laundry BLDG 13	310 4th Ave	Boulder	1996	1,668	$246,444.45
PUBLIC HEALTH & HUMAN SERVICES, INTENSIVE BEHAVIOR CENTER/BOULDER CAMPUS: 6 Buildings			**TOTAL SQ FT:**	**46,577**	**TOTAL CRV:**	**$4,779,031.95**

PUBLIC HEALTH & HUMAN SERVICES, MENTAL HEALTH NURSING CARE CENTER

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Gazebo	800 Casino Creek Dr	Lewistown	1994	950	$81,433.80
☑	Main Building & Addition	800 Casino Creek Dr	Lewistown	1952	76,707	$22,974,987.00
☑	Pavilion	800 Casino Creek Dr	Lewistown	2011	900	$75,042.45
☑	South Carport	800 Casino Creek Dr	Lewistown	2015	119	$5,482.05
☑	Steel Storage Building	800 Casino Creek Dr	Lewistown		220	$2,868.60
☑	Storage Shed	800 Casino Creek Dr	Lewistown		450	$21,349.65
☑	Storage shed	800 Casino Creek Dr	Lewistown	2020	2,400	$101,182.20
☑	Three-Stall Garage	800 Casino Creek Dr	Lewistown		864	$52,823.40
☑	Two-Stall Garage	800 Casino Creek Dr	Lewistown		880	$53,798.85
☑	West Carport	800 Casino Creek Dr	Lewistown	2015	496	$22,846.95
PUBLIC HEALTH & HUMAN SERVICES, MENTAL HEALTH NURSING CARE CENTER: 10 Buildings			**TOTAL SQ FT:**	**83,986**	**TOTAL CRV:**	**$23,391,814.95**

PUBLIC HEALTH & HUMAN SERVICES, SOUTHWEST MONTANA VETERANS' HOME

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	SOUTHWESTERN MONTANA VETERANS HOME COMMUNITY CENTER	65 Veterans Cir	Butte	2021	9,225	$3,878,544.60
☐	SOUTHWESTERN MONTANA VETERANS HOME COTTAGE 1	65 Veterans Cir	Butte	2021	9,963	$5,359,709.25
☐	SOUTHWESTERN MONTANA VETERANS HOME COTTAGE 2	65 Veterans Cir	Butte	2021	9,963	$5,359,709.25
☐	SOUTHWESTERN MONTANA VETERANS HOME COTTAGE 3	65 Veterans Cir	Butte	2021	9,963	$5,359,709.25
☐	SOUTHWESTERN MONTANA VETERANS HOME COTTAGE 4	65 Veterans Cir	Butte	2021	9,963	$5,359,709.25
☐	SOUTHWESTERN MONTANA VETERANS HOME COTTAGE 5	65 Veterans Cir	Butte	2021	9,963	$5,359,709.25
☐	SOUTHWESTERN MONTANA VETERANS HOME ELECTRICAL SHED	65 Veterans Cir	Butte	2021	280	$127,408.05
☐	SOUTHWESTERN MONTANA VETERANS HOME MAINTENANCE BUILDING/	65 Veterans Cir	Butte	2021	2,196	$220,840.20
PUBLIC HEALTH & HUMAN SERVICES, SOUTHWEST MONTANA VETERANS' HOME: 8 Buildings			**TOTAL SQ FT:**	**61,516**	**TOTAL CRV:**	**$31,025,339.10**

PUBLIC HEALTH & HUMAN SERVICES, STATE HOSPITAL

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Administration	58 Garnet Way	Warm Springs	1919	5,214	$795,197.55
☑	Administrative Annex	58 Garnet Way	Warm Springs	1919	19,652	$5,892,856.20
☑	Chapel/Office	108 Garnet Way	Warm Springs	2011	1,998	$525,119.70
☑	Chemical & Pesticide Storage	300 Garnet Way	Warm Springs	1957	150	$8,246.70
☑	Doctors Residence No. 41	65 Mystic Way	Warm Springs	1966	1,664	$98,827.05
☑	Doctors Residence No. 42	51 Mystic WAy	Warm Springs	1966	1,664	$98,827.05
☑	Duplex No. 13	87 Mystic Way	Warm Springs	1958	4,920	$128,165.10
☑	Duplex No. 14	117 Mystic Way	Warm Springs	1958	4,920	$128,165.10
☑	Duplex No. 17	171 Mystic Way	Warm Springs	1958	2,158	$128,165.10
☑	Duplex No. 18	179 Mystic Way	Warm Springs	1958	2,158	$128,165.10
☑	Duplex No. 19	5 Hidden Way	Warm Springs	1949	4,920	$292,202.40
☑	Electric Shop	319 Orofino Way	Warm Springs	1951	3,600	$205,867.20
☑	Garage for Mickleberry House	389 Trapper Way	Warm Springs		575	$35,155.05
☑	Garage for Residence D-E-F	174 Garrity Way	Warm Springs	1938	792	$48,424.95
☑	Garage for Residence G	100 Mount Evans Way	Warm Springs		384	$23,476.95
☑	Garage for Residence H	102 Mount Evans Way	Warm Springs	1936	484	$29,591.10
☑	Greenhouse	89 Garrity Way	Warm Springs	2012	1,200	$180,604.20
☑	Johnson House Group Home	137 Mystic Way	Warm Springs	1958	2,158	$128,165.10
☑	Loafing Shed (vacant)	356 Trapper Way	Warm Springs		1,200	$68,621.70
☑	Maintenance Office	317 Orofino Way	Warm Springs	1945	8,324	$676,405.80
☑	McColllum House Group Home	30 Garrity Way	Warm Springs	1915	4,242	$251,935.95
☑	McCollum House Garage	30 Garrity Way	Warm Springs		264	$16,139.55
☑	Mechanics Shop	77 Emerald Way	Warm Springs	1958	1,320	$80,703.00
☑	Mickleberry House	389 Trapper Way	Warm Springs	1918	1,936	$114,979.20
☑	Mound Cover	79 Orofino Way	Warm Springs		520	$6,777.75
☑	MT Haggin Group Home	45 Hidden Way	Warm Springs	1949	2,158	$292,202.40
☑	New Carpenter Shop	246 Trapper Way	Warm Springs	1951	4,200	$240,177.00
☑	New Heating Plant	203 Trapper Way	Warm Springs	1970	5,040	$1,402,974.30

PUBLIC HEALTH & HUMAN SERVICES, STATE HOSPITAL

☑	New Hospital	100 Garnet Way	Warm Springs	2000	85,863	$38,834,596.50
☑	Old Carpenter/Paint Shop	289 Trapper Way	Warm Springs	1912	8,348	$484,556.10
☑	Paint Shop	318 Orofino Way	Warm Springs	1951	3,600	$205,867.20
☑	Pintlar Lodge	290 Oxbow Way	Warm Springs	1970	6,547	$1,025,994.90
☑	Plumbing Shop	319 Orofino Way	Warm Springs	1951	3,600	$205,867.20
☑	Plumbing Storage No. 3	356 Trapper Way	Warm Springs	1916	540	$30,881.55
☑	Pump House & Well No. 2	100 Garnet Way	Warm Springs	1957	240	$13,725.60
☑	Recovery Center	32 Trapper Way	Warm Springs	1971	16,953	$3,075,030.00
☑	Residence D	164 Garrity Way	Warm Springs	1908	1,250	$74,241.30
☑	Residence E	191 Garrity Way	Warm Springs	1917	1,537	$91,281.75
☑	Residence F	205 Garrity Way	Warm Springs	1917	1,537	$91,281.75
☑	Residence G	100 Mt Evans Way	Warm Springs	1920	2,310	$137,194.05
☑	Residence H	102 Mt Evans Way	Warm Springs	1920	1,650	$88,210.50
☑	Spratt Building 219	351 Fleecer Way	Warm Springs	1976	15,410	$4,900,865.55
☑	Storage Shed	100 Garnet Way	Warm Springs	1952	120	$6,862.80
☑	Storage Shed	100 Garnet Way	Warm Springs	1950	504	$28,823.55
☑	Teamster Garage	69 Emerald Way	Warm Springs	1918	5,000	$305,694.90
☑	Therapeutic Learning Center	156 Garnet Way	Warm Springs	1951	20,531	$4,831,462.65
☑	Warehouse No. 3 L.G.W.	356 Trapper Way	Warm Springs	1937	1,722	$98,474.25
☑	Whse/Maintenance/Food/Paper	89 Orofino Way	Warm Springs	1956	14,000	$237,563.55
PUBLIC HEALTH & HUMAN SERVICES, STATE HOSPITAL: 48 Buildings			**TOTAL SQ FT:**	**279,077**	**TOTAL CRV:**	**$66,794,613.90**

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	$226,982.70
☐	Laundry - Carpenter Shop	600 Veteran Dr	Columbia Falls	1940	1,080	$98,893.20
☐	New Garage	588 Veteran Dr	Columbia Falls	1999	2,025	$123,803.40
☐	Nursing Home & Dom &Special Care Unit 69-73-84-02	400 Veteran Dr	Columbia Falls	1970	70,065	$19,271,791.35
☐	Original Old Main Building (NOT USED)	596 Veteran Dr	Columbia Falls	1896	14,329	$2,874,003.30
☐	Plumbing Shop/Garage/Storage	400 Veteran Dr	Columbia Falls	1978	2,400	$40,724.25
☐	Red Garage/Storage	594 Veteran Dr	Columbia Falls	1951	1,920	$105,572.25
☐	Service Building	580 Veteran Dr	Columbia Falls	1917	5,806	$1,323,568.05
☐	Superintendent's Cottage	586 Veteran Dr	Columbia Falls	1899	2,100	$399,278.25

PUBLIC HEALTH & HUMAN SERVICES, VETERANS' HOME - COLUMBIA FALLS: 9 Buildings **TOTAL SQ FT: 103,853** **TOTAL CRV: $24,464,616.75**

PUBLIC HEALTH & HUMAN SERVICES, VETERANS' HOME - GLENDIVE

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	Eastern Montana Veteran's Home	2000 Montana Ave	Glendive	1995	49,340	$12,677,759.85
☐	Garage	2000 Montana Ave	Glendive	1995	2,530	$355,838.70
PUBLIC HEALTH & HUMAN SERVICES, VETERANS' HOME - GLENDIVE: 2 Buildings			**TOTAL SQ FT:**	**51,870**	**TOTAL CRV:**	**$13,033,598.55**

STATE FUND

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	Montana State Fund Building	855 Front St	Helena	2010	117,203	$40,157,264.70
STATE FUND: 1 detail record			**TOTAL SQ FT:**	**117,203**	**TOTAL CRV:**	**$40,157,264.70**

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	$11,262.30
☑	Child Care Center Main Building	1900 23rd St S	Great Falls	2012	6,455	$1,899,384.90
☐	Child Care Center Small Storage Shed	1900 23rd St S	Great Falls	2013	68	$5,631.15
☐	Garden Shed	2100 16th Ave S	Great Falls		200	$8,474.55
☑	Main Building	2100 16th Ave S	Great Falls	1976	191,200	$51,104,106.90
☑	Mobile Welding Lab	2100 16th Ave S	Great Falls	2015	315	$55,169.10
☑	Storage	2100 16th Ave S	Great Falls	2004	2,000	$169,687.35
☐	Storage Shed--Carpentry	2100 16th Ave S	Great Falls		320	$14,872.20
☐	Storage Shed--Welding	2100 16th Ave S	Great Falls		320	$14,872.20
☑	Trades Building	2100 16th Ave S	Great Falls	2008	11,818	$4,817,781.15
UNIVERSITY SYSTEM, GREAT FALLS COLLEGE MSU: 10 Buildings			**TOTAL SQ FT:**	**212,839**	**TOTAL CRV:**	**$58,101,241.80**

UNIVERSITY SYSTEM, HELENA COLLEGE UM

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Donaldson Building	1115 N Roberts	Helena	1967	90,163	$24,290,271.60
☑	Helena College of Technology Airport Campus	2300 Airport Rd	Helena	1975	86,694	$23,603,909.70
☑	Maintenance Shop	1115 N Sanders	Helena	2001	1,080	$141,111.60
☑	Rental Property #1	1509 Livingston	Helena	1974	1,440	$97,741.35
☑	Rental Property #2	1534 Townsend Ave	Helena	1938	1,450	$94,634.40
☑	Rental Property #3	1121 Sanders St	Helena	1975	3,576	$495,211.50
☑	Rental Property #4	1514 Townsend Ave	Helena	1953	1,164	$55,687.80
☑	Rental Property #5	1515 Livingston Ave	Helena	1976	2,128	$93,641.10
☑	Storage Building	2300 Airport Rd	Helena	2000	6,000	$343,107.45
☑	Truck/Ag/Welding/Storage	2300 Airport Rd	Helena	1999	2,304	$131,756.10
UNIVERSITY SYSTEM, HELENA COLLEGE UM: 10 Buildings			**TOTAL SQ FT:**	**195,999**	**TOTAL CRV:**	**$49,347,072.60**

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BILLINGS

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	3009 Yucca Rental House	3009 Yucca St	Billings	1948	1,783	$0.00
☐	415 Highland Park Rental House	415 Highland Park Dr	Billings	1966	2,824	$335,325.90
☐	424 Rimrock Rental	424 Rimrock Rd	Billings	1941	1,550	$79,338.00
☐	Apsaruke Hall	1500 University Dr	Billings	1957	20,275	$5,862,310.65
☑	Art Annex	1500 University Dr	Billings	1960	5,886	$1,185,611.70
☐	Chancellor's Residence - 432 Silver	432 Silver Ln	Billings	1968	4,372	$259,656.60
☑	Cisel Hall	1500 University Dr	Billings	1951	38,962	$11,360,606.25
☑	City College - New Health Sciences Bldg	3803 Central Ave	Billings	2007	47,115	$16,113,386.10
☑	City College - Technology Building	3803 Central Ave	Billings	1987	139,057	$27,392,615.25
☑	College of Education Building	1500 University Dr	Billings	1972	96,502	$28,715,284.50
☐	KEMC Radio Station - 406 Marbara Lane	406 Marbara Ln	Billings	1970	3,489	$438,982.95
☑	Liberal Arts Building	1500 University Dr	Billings	1970	96,746	$25,165,183.05
☑	Library Classroom Building	1500 University Dr	Billings	1968	85,801	$23,115,886.50
☑	McMullen Hall	1500 University Dr	Billings	1935	53,891	$14,365,918.35
☐	Parking Garage & Sky Bridge (sprinklered)	1500 University Dr	Billings	1998	177,160	$14,047,777.80
☐	Petro/Rimrock/SUB Complex	1500 University Dr	Billings	1962	273,692	$65,646,562.80
☑	Phys Plant - 324 N Rim Terr	2907 Yucca St	Billings	1979	16,705	$2,540,329.05
☑	Physical Ed Building	1500 University Dr	Billings	1961	105,395	$22,514,444.40
☐	Poly Building	1500 University Dr	Billings	1988	4,263	$557,000.85
☐	Rental 2722 Normal Avenue	2722 Normal Ave	Billings	1936	2,097	$101,227.35
☐	Rental House - 245 N. Rim Road	245 N Rim Rd	Billings		3,356	$191,649.15
☐	Rental House - 2517 Virginia Lane	2517 Virginia Ln	Billings	1951	1,500	$91,760.55
☐	Rental House - 2601 Virginia Lane	2601 Virginia Ln	Billings	1955	2,795	$170,976.75
☐	Rental House - 2603 Virginia Lane	2603 Virginia Ln	Billings	1953	1,480	$90,536.25
☐	Rental House - 2608 Normal	2608 Normal	Billings	1945	2,363	$297,036.60
☐	Rental House - 2611 Virginia Lane	2611 Virginia Ln	Billings	1950	2,183	$133,539.00
☐	Rental House - 2613 Virginia Lane	2613 Virginia Ln	Billings	1963	2,606	$159,414.15
☐	Rental House - 2622 Normal	2622 Normal Ave	Billings	1950	1,454	$83,032.95

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BILLINGS

☐	Rental House - 2718 Normal	2718 Normal Ave	Billings	1937	1,512	$92,494.50
☐	Rental House - 307 N. Rim Road	307 N Rim Rd	Billings	1953	2,200	$143,038.35
☐	Rental House - 327 N. Rim Road	327 N Rim Rd	Billings	1952	2,310	$150,188.85
☐	Rental House - 339 N. Rim Road	339 N Rim Rd	Billings		3,189	$207,344.55
☐	Rental House - 343 N. Rim Road	343 N Rim Rd	Billings	1945	1,287	$78,729.00
☐	Rental House - 349 N. Rim Road	349 N Rim Rd	Billings	1949	576	$35,235.90
☐	Rental House - 405 Marbara Lane	405 Marbara Ln	Billings	1955	1,000	$61,173.00
☐	Rental House - 410 Silver Lane	410 Silver Ln	Billings	1960	1,785	$116,055.45
☐	Rental House - 411 Highland Park	411 Highland Park	Billings	1964	2,676	$163,697.10
☐	Rental House - 416 Rimrock Road	416 Rimrock Rd	Billings	1973	1,040	$67,620.00
☐	Rental House - 417 Silver Lane	417 Silver Ln	Billings	1947	1,736	$116,259.15
☐	Rental House - 420 Marbara Lane	420 Marbara Ln	Billings	1964	1,690	$62,107.50
☐	Rental House - 420 Rimrock Road	420 Rimrock Rd	Billings	1951	1,148	$70,225.05
☐	Rental House - 421 Silver Lane	421 Silver Ln	Billings	1976	3,015	$184,435.65
☐	Rental House - 424 Silver Lane	424 Silver Ln	Billings	1950	2,485	$152,011.65
☐	Rental House - 425 Marbara Lane	425 Marbara Ln	Billings	1957	1,800	$110,111.40
☐	Rental House - 439 Silver Lane	439 Silver Ln	Billings	1948	1,550	$94,817.10
☐	Rental House - 445 Silver Lane	445 Silver Ln	Billings	1963	2,356	$144,121.95
☐	Rental House/Alumni House - 2712 Normal	2712 Normal	Billings	1930	2,237	$127,747.20
☐	Rental House/NAAC - 2630 Normal	2630 Normal	Billings	1936	4,000	$228,427.50
☐	Rental House-Foundation - 2615 Virginia Ln	2615 Virginia Ln	Billings	1948	2,958	$409,631.25
☐	Softball Field Press Box	1500 University Dr	Billings	2015	200	$1,930.95
☐	Storage Shed	3803 Central Ave	Billings		800	$0.00
☐	Town home (student housing) Fourplex 2A & 2B	32 Mountain View Blvd	Billings	1999	3,616	$638,823.15
☐	Town home (student housing) Fourplex 6A & 6B	32 Mountain View Blvd	Billings	1999	3,840	$678,426.00
☐	Townhome (student housing) Duplex 1	32 Mountain View Blvd	Billings	1999	2,064	$364,610.40
☑	Yellowstone Science & Allied Health Building	1500 University Dr	Billings	1947	88,837	$18,885,828.15

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BILLINGS: 55 Buildings **TOTAL SQ FT: 1,337,209** **TOTAL CRV: $284,400,484.20**

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BOZEMAN

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	1002 S. 15TH STREET HOUSE	1002 S 15th Ave	Bozeman	1957	676	$38,741.85
☐	1004 S. 15TH STREET HOUSE	1004 S 15th Ave	Bozeman	1964	676	$38,741.85
☐	1006 S. 15TH STREET HOUSE	1006 S 15th Ave	Bozeman	1964	676	$38,741.85
☐	101 GRANT CHAMBERLAIN DRIVE APARTMENTS	101 Grant Chamberlain Dr	Bozeman	1975	20,475	$2,813,562.15
☐	101 MCINTOSH COURT TOWNHOUSES	101 McIntosh Ct	Bozeman	1996	6,069	$319,098.15
☐	101 PAISLEY COURT FLATS	101 Paisley Ct	Bozeman	1985	8,938	$511,943.25
☐	102 GRANT CHAMBERLAIN DRIVE APARTMENTS	102 Grant Chamberlain Dr	Bozeman	1975	20,475	$2,813,562.15
☐	102 MCINTOSH COURT TOWNHOUSES	102 McIntosh Ct	Bozeman	1996	6,976	$372,967.35
☐	102 PAISLEY COURT FLATS	102 Paisley Ct	Bozeman	1985	8,938	$511,943.25
☐	103 GRANT CHAMBERLAIN DRIVE APARTMENTS	103 Grant Chamberlain Dr	Bozeman	1975	20,475	$2,813,562.15
☐	103 MCINTOSH COURT TOWNHOUSES	103 McIntosh Ct	Bozeman	1996	5,380	$319,098.15
☐	103 PAISLEY COURT FLATS	103 Paisley Ct	Bozeman	1985	8,938	$511,943.25
☐	104 GRANT CHAMBERLAIN DRIVE APARTMENTS	104 Grant Chamberlain Dr	Bozeman	1975	20,475	$2,813,562.15
☐	104 MCINTOSH COURT TOWNHOUSES	104 McIntosh Ct	Bozeman	1996	5,380	$319,098.15
☐	104 PAISLEY COURT FLATS	104 Paisley Ct	Bozeman	1985	8,938	$511,943.25
☐	105 GRANT CHAMBERLAIN DRIVE APARTMENTS	105 Grant Chamberlain Dr	Bozeman	1975	20,475	$2,813,562.15
☐	105 MCINTOSH COURT TOWNHOUSES	105 McIntosh Ct	Bozeman	1996	5,380	$319,098.15
☐	105 PAISLEY COURT FLATS	105 Paisley Ct	Bozeman	1985	8,938	$511,943.25
☐	106 GRANT CHAMBERLAIN DRIVE APARTMENTS	106 Grant Chamberlain Dr	Bozeman	1975	20,475	$2,813,562.15
☐	106 MCINTOSH COURT TOWNHOUSES	106 McIntosh Ct	Bozeman	1996	5,377	$319,098.15
☐	106 PAISLEY COURT FLATS	106 Paisley Ct	Bozeman	1985	8,938	$511,943.25
☐	107 MCINTOSH COURT TOWNHOUSES	107 McIntosh Ct	Bozeman	1996	6,971	$372,967.35
☐	107 PAISLEY COURT FLATS	107 Paisley Ct	Bozeman	1985	8,938	$511,943.25
☐	108 MCINTOSH COURT TOWNHOUSES	108 McIntosh Ct	Bozeman	1996	6,971	$372,967.35
☐	108 PAISLEY COURT FLATS	108 Paisley Ct	Bozeman	1985	8,938	$511,943.25
☐	109 MCINTOSH COURT TOWNHOUSES	109 McIntosh Ct	Bozeman	1996	5,380	$319,098.15
☐	109 PAISLEY COURT FLATS	109 Paisley Ct	Bozeman	1985	8,938	$511,943.25
☐	11 Faculty Court	11 Faculty Ct	Bozeman	1999	2,220	$307,078.80

☐	1102 S 6TH AVENUE	1102 S 6th Ave	Bozeman	1950	4,850	$1,110,405.45
☑	1106 S 6TH AVENUE	1106 S 6th Ave	Bozeman	1950	2,344	$315,773.85
☐	1208 S. 15TH STREET HOUSE	1208 S 15th Ave	Bozeman	1964	676	$38,741.85
☐	1209 FOX STREET HOUSE	1209 Fox St	Bozeman	1957	676	$38,741.85
☐	1209 GOPHER STREET HOUSE	1209 Gopher St	Bozeman	1957	676	$38,741.85
☐	1210 FOX STREET HOUSE	1210 Fox St	Bozeman	1964	676	$38,741.85
☐	1210 S. 15TH STREET HOUSE	1210 S 15Th Ave	Bozeman	1964	676	$38,741.85
☐	1211 FOX STREET HOUSE	1211 Fox St	Bozeman	1964	676	$38,741.85
☐	1212 FOX STREET HOUSE	1212 Fox St	Bozeman	1964	676	$38,741.85
☐	1212 S. 15TH STREET HOUSE	1212 S 15Th Ave	Bozeman	1964	676	$38,741.85
☐	1213 GOPHER STREET HOUSE	1213 Gopher St	Bozeman	1964	676	$38,741.85
☐	1214 S. 15TH STREET HOUSE	1214 S 15Th Ave	Bozeman	1964	676	$38,741.85
☐	1215 GOPHER STREET HOUSE	1215 Gopher St	Bozeman	1964	676	$38,741.85
☐	1217 GOPHER STREET HOUSE	1217 Gopher St	Bozeman	1964	676	$38,741.85
☐	1218 S. 15TH STREET HOUSE	1218 S 15Th Ave	Bozeman	1964	676	$38,741.85
☐	1219 GOPHER STREET HOUSE	1219 Gopher St	Bozeman	1964	676	$38,741.85
☐	1220 S. 15TH STREET HOUSE	1220 S 15Th Ave	Bozeman	1964	676	$38,741.85
☐	1222 S. 15TH STREET HOUSE	1222 S 15Th Ave	Bozeman	1964	676	$38,741.85
☐	1223 GOPHER STREET HOUSE	1223 Gopher St	Bozeman	1964	676	$38,741.85
☐	1225 GOPHER STREET HOUSE	1225 Gopher St	Bozeman	1964	676	$38,741.85
☐	13 FACULTY COURT	13 Faculty Ct	Bozeman	1999	2,034	$328,779.15
☐	1401 W. GARFIELD STREET HOUSE	1401 W Garfield St	Bozeman	1957	676	$38,741.85
☐	1402 FOX STREET HOUSE	1402 Fox St	Bozeman	1964	676	$38,741.85
☐	1403 FOX STREET HOUSE	1403 Fox St	Bozeman	1964	676	$38,741.85
☐	1403 W. GARFIELD STREET HOUSE	1403 W Garfield St	Bozeman	1964	676	$38,741.85
☐	1404 FOX STREET HOUSE	1404 Fox St	Bozeman	1964	676	$38,741.85
☐	1405 FOX STREET HOUSE	1405 Fox St	Bozeman	1964	676	$38,741.85
☐	1406 FOX STREET HOUSE	1406 Fox St	Bozeman	1964	676	$38,741.85
☐	1407 FOX STREET HOUSE	1407 Fox St	Bozeman	1964	676	$38,741.85

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BOZEMAN						
☐	1408 FOX STREET HOUSE	1408 Fox St	Bozeman	1964	676	$38,741.85
☐	1409 FOX STREET HOUSE	1409 Fox St	Bozeman	1964	676	$38,741.85
☐	1410 FOX STREET HOUSE	1410 Fox St	Bozeman	1964	1,045	$38,741.85
☐	1412 FOX STREET HOUSE	1412 Fox St	Bozeman	1964	676	$38,741.85
☐	1413 FOX STREET HOUSE	1413 Fox St	Bozeman	1964	676	$38,741.85
☐	1414 FOX STREET HOUSE	1414 Fox St	Bozeman	1964	676	$38,741.85
☐	1415 FOX STREET HOUSE	1415 Fox St	Bozeman	1964	676	$38,741.85
☐	1416 FOX STREET HOUSE	1416 Fox St	Bozeman	1964	676	$38,741.85
☐	1417 FOX STREET HOUSE	1417 Fox St	Bozeman	1964	676	$38,741.85
☐	1419 FOX STREET HOUSE	1419 Fox St	Bozeman	1964	676	$38,741.85
☐	1421 FOX STREET HOUSE	1421 Fox St	Bozeman	1964	676	$38,741.85
☐	1425 FOX STREET HOUSE	1425 Fox St	Bozeman	1964	676	$38,741.85
☐	1427 FOX STREET HOUSE	1427 Fox St	Bozeman	1964	676	$38,741.85
☐	15 FACULTY COURT	15 Faculty Ct	Bozeman	1996	2,084	$298,244.10
☐	1710 GREEK WAY	1710 Greek Way	Bozeman	1974	7,296	$2,184,131.25
☐	21 FACULTY COURT	21 Faculty Ct	Bozeman	1957	1,043	$163,049.25
☐	22 FACULTY COURT	22 Faculty Ct	Bozeman	1957	1,043	$163,049.25
☐	23 FACULTY COURT	23 Faculty Ct	Bozeman	1957	1,043	$163,049.25
☐	24 FACULTY COURT	24 Faculty Ct	Bozeman	1957	1,043	$163,049.25
☐	25 FACULTY COURT	25 Faculty Ct	Bozeman	1957	1,043	$163,049.25
☐	6 GLACIER COURT HOUSE	6 Glacier Ct	Bozeman	1964	676	$38,741.85
☑	7 FACULTY COURT	7 Faculty Ct	Bozeman	2016	1,881	$260,260.35
☑	9 FACULTY COURT	9 Faculty Ct	Bozeman	2016	1,980	$220,874.85
☑	AG ARTIF INSEMIN & CLASSRM	West of South 19th Ave & Linc	Bozeman	1968	5,159	$695,680.65
☑	AG CALVING BUILDING #1	West of South 19th Ave & Linc	Bozeman	1968	3,233	$434,797.65
☑	AG CALVING BUILDING #2	West of South 19th Ave & Linc	Bozeman	1968	2,588	$343,625.10
☐	AG FEED MILL	West of South 19th Ave & Linc	Bozeman	1975	2,453	$373,653.00
☑	AG HORSE BARN	West of South 19th Ave & Linc	Bozeman	1969	2,318	$313,055.40
☑	AG LITTLE WORKING FACILITY	West of South 19th Ave & Linc	Bozeman	1968	462	$62,637.75

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BOZEMAN

☑	AG POLE MACHINE SHED	West of South 19th Ave & Linc	Bozeman	2009	3,450	$37,960.65
☑	AGRONOMY FIELD HOUSE	West Garfield St (no official ad	Bozeman	1934	1,468	$176,638.35
☑	AJM JOHNSON HALL	Grant St (no official address)	Bozeman	1954	42,268	$11,584,036.80
☑	American Indian Hall	S 6th Ave & S Garfield St	Bozeman	2021	31,317	$18,443,424.30
☑	ANIMAL BIOSCIENCE BUILDING	South 11th Ave (no official add	Bozeman	2010	37,060	$14,376,951.75
☑	ANNA PEARL SHERRICK HALL	West Garfield St (no official ad	Bozeman	1973	18,376	$6,128,973.90
☐	ASMSU OUTDOOR REC BUILDING	1401 W Lincoln St	Bozeman	2009	6,972	$897,892.80
☐	ATKINSON QUADRANGLE RESIDENCE HALL A	West Cleveland (no official add	Bozeman	1935	6,865	$1,658,229.30
☐	ATKINSON QUADRANGLE RESIDENCE HALL B	West Cleveland (no official add	Bozeman	1935	6,936	$1,658,229.30
☐	ATKINSON QUADRANGLE RESIDENCE HALL C	West Cleveland (no official add	Bozeman	1935	7,382	$1,820,462.70
☐	ATKINSON QUADRANGLE RESIDENCE HALL D	West Cleveland (no official add	Bozeman	1935	7,489	$1,820,462.70
☐	ATKINSON QUADRANGLE RESIDENCE HALL E	West Cleveland (no official add	Bozeman	1935	7,021	$1,665,843.90
☐	ATKINSON QUADRANGLE RESIDENCE HALL F	West Cleveland (no official add	Bozeman	1935	6,989	$169,357.65
☐	AUXILIARIES STORAGE FACILITY	1500 W Garfield St	Bozeman	1993	4,118	$546,214.20
☑	BARNARD HALL	Grant St (no official address)	Bozeman	1996	149,388	$55,881,711.90
☑	BART FARM AG ED STORAGE BLDG	West of So 19th & south of Lin	Bozeman	2017	4,800	$221,111.10
☑	BART FARM SHOP	2730 W Garfield St	Bozeman	2008	3,691	$659,689.80
☑	BART PUMP HOUSE	West of South 19th Ave & Linc	Bozeman	2000	132	$16,019.85
☑	BLACK BOX THEATRE	Grant St (no official address)	Bozeman	2007	13,777	$4,147,340.40
☐	BOBCAT ANDERSON TENNIS CENTER	South 11th Ave (no official add	Bozeman	2003	29,183	$4,340,245.35
☐	BOBCAT ATHLETIC COMPLEX	1000 Kagy Boulevard	Bozeman	2021	37,250	$17,504,485.95
☐	BOBCAT FOOTBALL EQUIPMENT STORAGE	1000 Kagy Boulevard	Bozeman	2011	263	$12,114.90
☐	BOBCAT STADIUM BLEACHERS - WEST	1000 Kagy Boulevard	Bozeman	1998	9,970	$2,784,715.50
☐	BOBCAT STADIUM BLEACHERS SONNY HOLLAND ENDZONE	1000 Kagy Boulevard	Bozeman	2011	44,655	$5,103,098.70
☐	BOBCAT STADIUM BOOSTERS - WEST	1000 Kagy Boulevard	Bozeman	1998	66,429	$17,070,561.90
☐	BOBCAT STADIUM CONCESSION STAND EAST #1	1000 Kagy Boulevard	Bozeman	1997	283	$68,448.45
☐	BOBCAT STADIUM CONCESSION STAND EAST #2	1000 Kagy Boulevard	Bozeman	1997	283	$49,144.20
☐	BOBCAT STADIUM CONCESSION STAND OLD	1000 Kagy Boulevard	Bozeman	1974	848	$84,536.55
☐	BOBCAT STADIUM CONCESSION STOR SHED	1000 Kagy Boulevard	Bozeman	2013	160	$7,722.75

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BOZEMAN

☐	BOBCAT STADIUM EAST BLEACHERS	1000 Kagy Boulevard	Bozeman	1973	24,790	$2,496,782.40
☐	BOBCAT STADIUM HOME LOCKER ROOM	1000 Kagy Boulevard	Bozeman	1997	2,002	$371,412.30
☐	BOBCAT STADIUM RESTROOM #1 EAST	1000 Kagy Boulevard	Bozeman	1997	1,595	$315,161.70
☐	BOBCAT STADIUM RESTROOM #2 EAST	1000 Kagy Boulevard	Bozeman	1997	1,595	$265,148.10
☐	BOBCAT STADIUM SOUTH ENDZONE	1000 Kagy Boulevard	Bozeman	2011	38,031	$4,125,235.80
☐	BOBCAT STADIUM TICKET BOOTH-EAST	1000 Kagy Boulevard	Bozeman	1997	75	$10,071.60
☐	BOBCAT STADIUM TICKET BOOTH-NORTH	1000 Kagy Boulevard	Bozeman	1997	300	$40,375.65
☐	BOBCAT STADIUM TRACK BLEACHERS	1000 Kagy Boulevard	Bozeman	2011	6,514	$718,625.25
☐	BOBCAT STADIUM TRACK GRANDSTAND	1000 Kagy Boulevard	Bozeman	2011	240	$745,099.95
☐	BOBCAT STADIUM TRACK STORAGE	1000 Kagy Boulevard	Bozeman	2011	1,161	$128,082.15
☐	BOBCAT STADIUM TRACK STORAGE #1	1000 Kagy Boulevard	Bozeman	2012	253	$12,216.75
☐	BOBCAT STADIUM TRACK STORAGE #2	1000 Kagy Boulevard	Bozeman	2012	587	$28,341.60
☐	BRANEGAN COURT 101	101 Branegan Ct	Bozeman	1976	5,303	$303,910.95
☐	BRANEGAN COURT 102	102 Branegan Ct	Bozeman	1976	5,303	$303,910.95
☐	BRANEGAN COURT 103	103 Branegan Ct	Bozeman	1976	5,303	$303,910.95
☐	BRANEGAN COURT 104	104 Branegan Ct	Bozeman	1976	5,303	$303,910.95
☐	BRANEGAN COURT 105	105 Branegan Ct	Bozeman	1976	5,303	$303,910.95
☐	BRANEGAN COURT 106	106 Branegan Ct	Bozeman	1976	5,303	$303,910.95
☐	BRANEGAN COURT 107	107 Branegan Ct	Bozeman	1976	5,303	$303,910.95
☐	BRANEGAN COURT 108	108 Branegan Ct	Bozeman	1976	5,303	$303,910.95
☐	BRICK BREEDEN FIELDHOUSE	South11th Ave (no official add	Bozeman	1958	184,453	$49,709,717.40
☐	BRICK BREEDEN FLDSE STOR BLDG	South 11th Ave (no official add	Bozeman	1967	2,700	$278,274.15
☐	Campus Temp Gym Structure North	East of Brick Breeden Fieldhou	Bozeman	2019	42,195	$11,644,462.20
☐	Campus Temp Gym Structure South	East of Brick Breeden Fieldhou	Bozeman	2019	22,451	$6,195,217.35
☐	CAMPUS TUNNEL	West Grant St (no official addr	Bozeman	1995	90,785	$63,766,174.50
☐	CHEM STORES NORTH STORAGE CONTAINER #1	South 11th Ave (no official add	Bozeman	2008	198	$9,560.25
☐	CHEM STORES SOUTH STORAGE CONTAINER #2	South 11th Ave (no official add	Bozeman	2008	198	$9,559.20
☑	CHEMISTRY BIOCHEMISTRY BLDG	South 11th Ave (no official add	Bozeman	2007	90,408	$37,052,465.10
☐	CHEMISTRY STORES	South 11th Ave (no official add	Bozeman	2009	756	$62,986.35

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☑	COBLEIGH HALL	South 7th Ave (no official addr	Bozeman	1970	99,100	$32,435,033.40
☑	COLD STORAGE QUONSET	West of South 19th Ave & Linc	Bozeman	1949	995	$95,113.20
☑	COLD STORAGE SHED	West of South 19th Ave & Linc	Bozeman	1958	299	$34,647.90
☐	CONEX TRAILER FORT ELLIS	Kelly Canyon Rd	Bozeman	2019	160	$6,778.80
☑	COOLEY LABORATORY	South 11th Ave (no official add	Bozeman	1960	37,929	$12,543,973.05
☑	CREATIVE ARTS COMPLEX - CHEEVER HALL	South 11th Ave (no official add	Bozeman	1974	62,560	$17,936,711.10
☑	CREATIVE ARTS COMPLEX - HAYNES HALL	South 11th Ave (no official add	Bozeman	1974	44,225	$13,543,904.85
☑	CREATIVE ARTS COMPLEX-HOWARD HALL	South 11th Ave (no official add	Bozeman	1974	30,575	$8,566,312.65
☑	CULBERTSON HALL	Harrison St (no official address)	Bozeman	1955	48,638	$12,943,947.45
☐	DANFORTH CHAPEL	South 7th Ave (no official addr	Bozeman	1952	1,560	$835,713.90
☐	EAST JULIA MARTIN DRIVE 101	101 East Julia Martin Dr	Bozeman	1968	6,012	$344,541.75
☐	EAST JULIA MARTIN DRIVE 102	102 East Julia Martin Dr	Bozeman	1968	3,022	$173,190.15
☐	EAST JULIA MARTIN DRIVE 103	103 East Julia Martin Dr	Bozeman	1968	6,012	$344,541.75
☐	EAST JULIA MARTIN DRIVE 104	104 East Julia Martin Dr	Bozeman	1968	3,022	$173,190.15
☐	EAST JULIA MARTIN DRIVE 105	105 East Julia Martin Dr	Bozeman	1968	6,012	$344,541.75
☐	EAST JULIA MARTIN DRIVE 106	106 East Julia Martin Dr	Bozeman	1968	3,022	$173,190.15
☐	EAST JULIA MARTIN DRIVE 107	107 East Julia Martin Dr	Bozeman	1968	6,012	$344,541.75
☐	EAST JULIA MARTIN DRIVE 108	108 East Julia Martin Dr	Bozeman	1968	6,012	$344,541.75
☐	EAST JULIA MARTIN DRIVE 109	109 East Julia Martin Dr	Bozeman	1968	3,022	$173,190.15
☐	EAST JULIA MARTIN DRIVE 110	110 East Julia Martin Dr	Bozeman	1968	3,022	$173,190.15
☐	EAST JULIA MARTIN DRIVE 111	111 East Julia Martin Dr	Bozeman	1968	3,022	$173,190.15
☑	FACILITIES BUTLER BUILDING	West Grant St (no official addr	Bozeman	1958	4,276	$543,499.95
☑	FACILITIES CAMPUS LIGHTING SYSTEM	Entire campus	Bozeman	1995	1	$0.00
☑	FACILITIES CAMPUS STORES	South 7th Ave	Bozeman	1978	4,154	$502,736.85
☑	FACILITIES CARPENTER SHOP	West Grant St (no official addr	Bozeman	1969	2,455	$319,574.85
☑	FACILITIES CHEMICAL STORAGE	West Grant St (no official addr	Bozeman	2010	619	$17,297.70
☑	FACILITIES CHEMICAL STORAGE-CONTAINER	West Grant St (no official addr	Bozeman	2010	106	$11,694.90
☑	FACILITIES CUSTODIAL LAMP STORAGE QUONSET	West Grant St (no official addr	Bozeman	1951	974	$130,438.35
☑	FACILITIES CUSTODIAL QUONSET	West Grant St (no official addr	Bozeman	1946	1,050	$133,701.75

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☑	FACILITIES CUSTODIAL STORAGE QUONSET	West Grant St (no official addr	Bozeman	1946	971	$133,701.75
☑	FACILITIES ELECTRICIANS QUONSET	West Grant St (no official addr	Bozeman	1946	2,009	$271,748.40
☑	FACILITIES ENGINEERS QUONSET	West Grant St (no official addr	Bozeman	1946	2,009	$112,050.75
☑	FACILITIES EQUIPMENT GARAGE	West Grant St (no official addr	Bozeman	1947	4,961	$679,374.15
☐	FACILITIES FUELING STATION	West Grant St (no official addr	Bozeman		1	$0.00
☑	FACILITIES GROUNDS FABRIC STORAGE	West Grant St (no official addr	Bozeman	2008	2,233	$112,615.65
☑	FACILITIES GROUNDS GREENHOUSE	West Grant St (no official addr	Bozeman	1973	1,487	$81,252.15
☐	FACILITIES GROUNDS JOB TRAILER	W. Grant St - Plew Building yar	Bozeman	2018	448	$10,841.25
☑	FACILITIES GROUNDS NORTH STORAGE	West Grant St (no official addr	Bozeman	1959	384	$54,349.05
☑	FACILITIES GROUNDS PUMP HOUSE	West Grant St (no official addr	Bozeman	1985	175	$22,828.05
☑	FACILITIES GROUNDS SHOP	West Grant St (no official addr	Bozeman	1960	2,406	$320,661.60
☑	FACILITIES HEAT PLANT GENERATOR BLDG	West Grant St (no official addr	Bozeman	1922	1,044	$97,828.50
☑	FACILITIES HEAT PLANT STORAGE QUONSET	West Grant St (no official addr	Bozeman	1950	1,923	$271,207.65
☑	FACILITIES IRRIGATION STORAGE	West Grant St (no official addr	Bozeman	1961	280	$13,013.70
☐	FACILITIES KEY SHED	West Grant St (no official addr	Bozeman	2023	800	$64,680.00
☑	FACILITIES LABORERS QUONSET	West Grant St (no official addr	Bozeman	1946	2,010	$271,748.40
☑	FACILITIES MECHANIC/METAL SHOP	West Grant St (no official addr	Bozeman	1952	6,767	$872,300.10
☑	FACILITIES MEETING QUONSET	West Grant St (no official addr	Bozeman	1946	971	$133,701.75
☑	FACILITIES PAINT BOOTH/SHOP	West Grant St (no official addr	Bozeman	1947	2,399	$368,082.75
☑	FACILITIES PLUMBERS QUONSET	West Grant St (no official addr	Bozeman	1946	2,009	$271,748.40
☑	FACILITIES POLYHOUSE QUONSET	West Grant St (no official addr	Bozeman	1984	1,489	$193,078.20
☐	FACILITIES PROPANE TANK	West Grant St (no official addr	Bozeman		1	$156.45
☑	FACILITIES REFRIGERATION QUONSET	West Grant St (no official addr	Bozeman	1946	2,009	$271,748.40
☐	FACILITIES RESERVOIR SYSTEM	South 11th Ave (no official add	Bozeman	2007	1	$0.00
☐	FACILITIES ROMNEY OVAL GEOTHERMAL FIELD	Romney Oval	Bozeman	2021	-00	$5,129,190.15
☑	FACILITIES STORAGE QUONSET	West Grant St (no official addr	Bozeman	1951	974	$130,438.35
☐	FACILITIES WORK CONTROL MODULAR	West Grant St (no official addr	Bozeman	2003	2,408	$327,185.25
☐	FACULTY COURT-1605 S. 5TH AVENUE	1605 S 5th Ave	Bozeman	1957	1,041	$163,049.25
☐	FAMILY HOUSING OFFICE BUILDING	1502 W Garfield St	Bozeman	1968	2,106	$693,463.05

☑	FARRIER BUILDING (HORSEHOEING)	West of South 19th Ave & Linc	Bozeman	1973	2,370	$313,055.40
☑	FARRIER OPEN STORAGE SHED	West of South 19th Ave & Linc	Bozeman	2010	221	$13,413.75
☑	FEED LOT POLE BARN	West of South 19th Ave & Linc	Bozeman	1968	2,873	$582,759.45
☑	FEED MILL GRAIN BIN	West of South 19th Ave & Linc	Bozeman	1975	227	$1,599.15
☑	FEED MILL TANKS (10)	West of South 19th Ave & Linc	Bozeman	1975	7,000	$6,393.45
☑	GAINES HALL	Grant St (no official address)	Bozeman	1961	96,868	$33,181,189.65
☑	GALLATIN GARDENERS SHED	West of South 19th Ave & Linc	Bozeman	2000	125	$10,085.25
☑	GALLATIN HALL	West Garfield (no official addre	Bozeman	2013	30,203	$9,055,411.05
☑	GIRVEN FARM BARN	5515 Stucky Rd	Bozeman	1958	2,898	$382,625.25
☑	GIRVEN FARM RESIDENCE	5515 Stucky Rd	Bozeman	1958	2,400	$277,049.85
☑	GIRVEN METAL SHED #1	5515 Stucky Rd	Bozeman		128	$1,355.55
☑	GIRVEN METAL SHED #2	5515 Stucky Rd	Bozeman		128	$1,355.55
☑	GIRVEN METAL SHED #3	5515 Stucky Rd	Bozeman		128	$1,355.55
☑	GIRVEN RESIDENCE 2 CAR GARAGE	5515 Stucky Rd	Bozeman	1958	733	$59,783.85
☐	GLACIER COURT 1	1 Glacier Ct	Bozeman	1957	676	$38,741.85
☐	GLACIER COURT 10	10 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 11	11 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 12	12 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 13	13 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 18	18 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 2	2 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 20	20 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 21	21 Glacier Ct	Bozeman	1964	1,045	$38,741.85
☐	GLACIER COURT 22	22 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 23	23 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 25	25 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 26	26 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 27	27 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 29	29 Glacier Ct	Bozeman	1964	676	$38,741.85

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☐	GLACIER COURT 3	3 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 31	31 Glacier Ct	Bozeman	1964	1,045	$38,741.85
☐	GLACIER COURT 33	33 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 35	35 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 37	37 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 39	39 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 4	4 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 40	40 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 41	41 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 42	42 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 43	43 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 44	44 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 45	45 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 46	46 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 47	47 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 48	48 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 49	49 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 5	5 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 50	50 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 51	51 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 52	52 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 53	53 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 54	54 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 55	55 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 8	8 Glacier Ct	Bozeman	1964	676	$38,741.85
☐	GLACIER COURT 9	9 Glacier Ct	Bozeman	1964	676	$38,741.85
☑	GRAF ST RESIDENCE	16 Graf St	Bozeman	1974	7,325	$842,423.40
☑	GRAIN BIN IN FRONT HORSE BARN	West of South 19th Ave & Linc	Bozeman	1969	227	$3,251.85
☑	HAMILTON HALL	South 7th Ave (no official addr	Bozeman	1910	28,012	$8,457,356.25

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☑	HANDLING FACILITY	West of South 19th Ave & Linc	Bozeman	1975	2,683	$33,592.65
☐	HANNON RESIDENCE HALL	South 7th Ave (no official addr	Bozeman	1955	90,240	$20,426,194.95
☐	HAPNER RESIDENCE HALL	West Cleveland (no official add	Bozeman	1959	95,358	$21,852,302.85
☑	HAY SHED POLE BARN	West of South 19th Ave & Linc	Bozeman	1968	3,625	$266,314.65
☑	HAZMAT STORAGE TECH PARK	1160 Research Dr	Bozeman	1989	187	$54,349.05
☐	HEALTH SCIENCES BUILDING	2155 Analysis Dr	Bozeman	2004	24,675	$8,885,277.45
☑	HEATING PLANT	West Grant St (no official addr	Bozeman	1923	11,113	$10,302,757.50
☑	HERRICK HALL	West Cleveland (no official add	Bozeman	1926	41,285	$12,601,900.50
☑	HORSE HAY SHED	West of South 19th Ave & Linc	Bozeman	2010	3,483	$178,679.55
☑	HORSE SHELTER # 1	West of South 19th Ave & Linc	Bozeman	2006	1,043	$33,567.45
☑	HORSE SHELTER # 2	West of South 19th Ave & Linc	Bozeman	2006	1,043	$33,567.45
☑	HORTICULTURE FARM HOUSE WOOD	West of South 19th Ave & Linc	Bozeman	1954	205	$45,063.90
☑	HORTICULTURE GREENHOUSE	West of South 19th Ave & Linc	Bozeman	2012	900	$25,789.05
☑	HORTICULTURE HONEY BEE SHED	West of South 19th Ave & Linc	Bozeman	2012	64	$2,847.60
☑	HORTICULTURE MACHINE SHED	West of South 19th Ave & Linc	Bozeman	2012	286	$3,147.90
☑	HORTICULTURE METAL SHED #1	West of South 19th Ave & Linc	Bozeman	1995	249	$17,297.70
☑	HORTICULTURE METAL STOR SHED #2	West of South 19th Ave & Linc	Bozeman	1995	249	$45,388.35
☑	HORTICULTURE MULTIPURPOSE BARN	West of South 19th Ave & Linc	Bozeman	2012	3,061	$50,083.95
☑	HORTICULTURE POLINATOR GARDEN PAVILION	West of South 19th Ave & Linc	Bozeman	2015	160	$1,693.65
☑	HORTICULTURE POLLINATOR GARDEN SHED	West of South 19th Ave & Linc	Bozeman	2015	120	$1,268.40
☑	HORTICULTURE PUMP HOUSE	West of South 19th Ave & Linc	Bozeman	1954	123	$16,305.45
☑	HORTICULTURE WASH HOUSE	West of South 19th Ave & Linc	Bozeman	2015	256	$2,712.15
☑	HORTICULTURE WOOD CHICKEN COOP	West of South 19th Ave & Linc	Bozeman	2005	259	$1,089.90
☐	HYALITE HALL	W College St and S 13th Ave	Bozeman	2020	153,055	$62,551,092.45
☑	JABS HALL	8th & Cleveland	Bozeman	2015	55,087	$19,518,438.45
☐	JEFFERSON HALL	West Garfield (no official addre	Bozeman	1998	30,145	$5,207,766.90
☑	JOHNSON FAMILY LIVESTOCK (BLS2)	West of South 19th Ave & Linc	Bozeman	2008	14,324	$3,543,411.90
☐	JOHNSTONE CENTER RESIDENCE HALL - COLTER	West Harrison St (no official ad	Bozeman	1955	30,369	$6,860,934.15
☑	JOHNSTONE CENTER RESIDENCE HALL - HARRISON HALL	West Harrison St (no official ad	Bozeman	1955	26,643	$6,661,743.90

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☐	JOHNSTONE CENTER RESIDENCE HALL - MULLAN	West Harrison St (no official ad	Bozeman	1955	28,418	$6,860,934.15
☐	JOHNSTONE CENTER RESIDENCE HALL - PRYOR	West Harrison St (no official ad	Bozeman	1955	55,213	$12,513,632.25
☑	JUTILA RES LABORATORY (BSL3)	West of South 19th & Lincoln S	Bozeman	2007	3,563	$1,645,520.10
☑	KELLOGG CENTER	1301 S 3rd Ave	Bozeman	1944	4,206	$792,460.20
☐	LAMBERT FIELD SPORTS FACILITY	West Lincoln (no official addres	Bozeman	2018	4,479	$306,887.70
☐	LANGFORD RESIDENCE HALL	West Harrison St (no official ad	Bozeman	1960	107,960	$24,428,681.55
☑	LEON JOHNSON HALL	West Arthur St (northwest of	Bozeman	1973	125,480	$44,403,872.10
☑	LEWIS HALL	West Garfield St (no official ad	Bozeman	1923	46,233	$14,594,868.75
☑	LINFIELD HALL	South 11th Ave (no official add	Bozeman	1909	48,464	$13,622,522.55
☑	LINFIELD HALL SOUTH	South 11th Ave (no official add	Bozeman	1952	34,535	$10,626,862.05
☐	LOUISE SHUNK DAY CARE STORAGE SHED	1295 W Garfield	Bozeman	2013	120	$5,796.00
☐	LOUISE SHUNK DAYCARE AND COMMUNITY CENTER	1295 W Garfield	Bozeman	1987	3,929	$1,295,388.15
☐	MADISON HALL	West Garfield (no official addre	Bozeman	1998	30,033	$5,183,879.40
☐	MARGA HOSAEUS FITNESS CENTER	West Grant St (no official addr	Bozeman	1973	109,440	$43,420,492.50
☑	MARSH LAB MODULAR # 1	1922 W Lincoln St	Bozeman	1998	2,098	$301,644.00
☑	MARSH LAB MODULAR # 2	1922 W Lincoln St	Bozeman	2001	2,283	$301,644.00
☑	MARSH LABORATORY	1911 W Lincoln St	Bozeman	1961	31,018	$11,127,517.80
☑	MCCALL HALL	South11th Ave (no official addr	Bozeman	1952	10,591	$3,433,874.85
☑	MELVIN GRADUATE ARTS STUDIOS	West of South 19th Ave & Linc	Bozeman	1968	6,000	$825,165.60
☐	MILLER DINING HALL	West Grant St (no official addr	Bozeman	1964	56,781	$14,908,665.45
☑	MILLER PAVILION	West of South 19th Ave & Linc	Bozeman	1968	22,701	$2,175,171.60
☑	MOLECULAR BEAM FACILITY	Kagy Boulevard (no official add	Bozeman	1972	1,459	$137,776.80
☐	MOLECULAR BEAM MODULAR	Kagy Boulevard (no official add	Bozeman	2001	676	$137,776.80
☐	MOLECULAR BIOSCIENCES BLDG	960 Technology Boulevard	Bozeman	2004	41,371	$12,833,284.80
☑	MONTANA HALL	West Garfield (no official addre	Bozeman	1896	39,655	$15,289,991.85
☐	MUSEUM COLLECTIONS & STOR FAC	600 Kagy Boulevard	Bozeman	2017	20,395	$939,493.80
☑	MUSEUM OF THE ROCKIES	600 Kagy Boulevard	Bozeman	1987	103,408	$29,960,717.85
☐	NELSON STORY TOWER APARTMENTS	101 Nelson Story	Bozeman	1968	39,657	$9,289,023.45
☑	NORM ASBJORNSON HALL	W. Grant St & South 7th Ave (n	Bozeman	2018	116,709	$52,474,633.05

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☐	NORTH HEDGES RESIDENCE HALL	West Grant St (no official addr	Bozeman	1965	143,253	$30,380,000.70
☑	OSCAR THOMAS NUTRITION CENTER	West of South 19th Ave & Linc	Bozeman	1968	7,262	$949,672.50
☑	OSCAR THOMAS NUTRITION CENTER GROW SAFE EQUIP	West of South 19th Ave & Linc	Bozeman	1968	3,889	$165,766.65
☑	OSCAR THOMAS NUTRITION CENTER OPEN HAY SHED	West of South 19th Ave & Linc	Bozeman	1968	2,188	$492,546.60
☑	OSCAR THOMAS NUTRITION CENTR FEED TANKS (6)	West of South 19th Ave & Linc	Bozeman	1968	660	$33,969.60
☐	PARKING STORAGE SHED #1	EAST OF HUFFMAN	Bozeman	2014	330	$17,103.45
☐	PARKING STRUCTURE	Grant St (no official address)	Bozeman	2017	185,601	$14,724,026.10
☐	PATIENT TESTING TRAILER	1000 Kagy Blvd - East side of St	Bozeman	2020	672	$80,460.45
☐	PETER KOCH TOWER APARTMENTS	101 Peter Koch St	Bozeman	1968	39,000	$9,289,023.45
☑	PLANT BIOSCIENCE BUILDING	South 11th Ave (no official add	Bozeman	1999	50,864	$16,786,442.40
☑	PLANT GROWTH CENTER	South 11th Ave (no official add	Bozeman	1986	68,108	$24,008,020.05
☑	PLEW BUILDING	West Grant St (no official addr	Bozeman	1952	18,086	$3,710,089.95
☑	POULTRY BARN-VACANT	South 4th Ave	Bozeman	1943	6,837	$116,844.00
☐	RECORDS MANAGEMENT FACILITY	1604 S 5th Ave	Bozeman	2001	6,057	$815,246.25
☑	REID HALL	West Garfield St (no official ad	Bozeman	1959	90,982	$29,149,738.80
☐	RENDEZVOUS DINING PAVILION	W. Harrison St (no official St ad	Bozeman	2018	59,626	$16,654,919.40
☑	RENNE LIBRARY	West Garfield St (no official ad	Bozeman	1949	161,115	$51,734,407.20
☑	ROBERTS HALL	West Garfield St (no official ad	Bozeman	1922	76,057	$23,441,161.80
☐	RODEO STORAGE BUILDING	West Grant St (no St address)	Bozeman	2018	1,537	$70,581.00
☑	ROMNEY HALL	West Grant St (no official addr	Bozeman	1922	73,109	$31,221,993.60
☐	ROSKIE RESIDENCE HALL	West Grant St (no official addr	Bozeman	1966	92,662	$22,507,434.60
☑	ROY E. HUFFMAN BUILDING	South 7th Ave (no official addr	Bozeman	1969	9,726	$2,083,855.20
☑	SILVER STREAK TRAILER	West of So 19th & south of Lin	Bozeman	2014	200	$10,907.40
☐	SOB BARN	1300 W Garfield St	Bozeman	1924	11,148	$1,423,307.55
☐	SOUTH 5TH STORAGE BLDG 101	South 5th Ave	Bozeman	1993	588	$28,390.95
☐	SOUTH 5TH STORAGE BLDG 102	South 5th Ave	Bozeman	1994	588	$28,388.85
☐	SOUTH 5TH STORAGE BLDG 103	South 5th Ave	Bozeman	1995	588	$28,388.85
☐	SOUTH 5TH STORAGE BLDG 104	South 5th Ave	Bozeman	1996	588	$28,388.85
☐	SOUTH 5TH STORAGE BLDG 201	South 5th Ave	Bozeman	1997	781	$37,708.65

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BOZEMAN						
☐	SOUTH 5TH STORAGE BLDG 202	South 5th Ave	Bozeman	2002	781	$37,708.65
☐	SOUTH 5TH STORAGE BLDG 203	South 5th Ave	Bozeman	2004	781	$37,708.65
☐	SOUTH 5TH STORAGE BLDG 204	South 5th Ave	Bozeman	2005	781	$37,708.65
☐	SOUTH 5TH STORAGE BLDG 301	South 5th Ave	Bozeman	1997	781	$37,708.65
☐	SOUTH 5TH STORAGE BLDG 302	South 5th Ave	Bozeman	2002	781	$37,708.65
☐	SOUTH 5TH STORAGE BLDG 303	South 5th Ave	Bozeman	2004	781	$37,708.65
☐	SOUTH 5TH STORAGE BLDG 304	South 5th Ave	Bozeman	2005	781	$37,708.65
☐	SOUTH 5TH STORAGE BLDG 401	South 5th Ave	Bozeman	1999	781	$37,708.65
☐	SOUTH 5TH STORAGE BLDG 402	South 5th Ave	Bozeman	2005	781	$37,708.65
☐	SOUTH 5TH STORAGE BLDG 403	South 5th Ave	Bozeman	2002	781	$37,708.65
☐	SOUTH 5TH STORAGE BLDG 404	South 5th Ave	Bozeman	2005	781	$37,708.65
☐	SOUTH 5TH STORAGE BLDG 405	South 5th Ave	Bozeman	2014	781	$37,706.55
☐	SOUTH 5TH STORAGE BLDG 406	South 5th Ave	Bozeman	2014	781	$37,706.55
☐	SOUTH 5TH STORAGE BLDG 501	South 5th Ave	Bozeman	1999	781	$37,708.65
☐	SOUTH 5TH STORAGE BLDG 502	South 5th Ave	Bozeman	2005	781	$37,708.65
☐	SOUTH 5TH STORAGE BLDG 503	South 5th Ave	Bozeman	2002	781	$37,708.65
☐	SOUTH 5TH STORAGE BLDG 504	South 5th Ave	Bozeman	2002	781	$37,708.65
☐	SOUTH 5TH STORAGE BLDG 505	South 5th Ave	Bozeman	2009	781	$37,708.65
☐	SOUTH 5TH STORAGE BLDG 506	South 5th Ave	Bozeman	2009	781	$37,708.65
☐	SOUTH 5TH STORAGE BLDG 601	South 5th Ave	Bozeman	2000	588	$28,388.85
☐	SOUTH 5TH STORAGE BLDG 602	South 5th Ave	Bozeman	2000	588	$28,388.85
☐	SOUTH 5TH STORAGE BLDG 603	South 5th Ave	Bozeman	2002	588	$28,388.85
☐	SOUTH 5TH STORAGE BLDG 604	South 5th Ave	Bozeman	2002	588	$28,388.85
☐	SOUTH 5TH STORAGE BLDG 605	South 5th Ave	Bozeman	2009	588	$28,388.85
☐	SOUTH 5TH STORAGE BLDG 606	South 5th Ave	Bozeman	2009	588	$28,388.85
☐	SOUTH HEDGES RESIDENCE HALL	West Grant St (no official addr	Bozeman	1965	139,508	$29,941,409.40
☐	STRAND UNION BUILDING	West Grant St (no official addr	Bozeman	1939	180,898	$60,110,389.50
☑	SWINE STORAGE SHED	West of South 19th Ave & Linc	Bozeman	1958	1,044	$81,524.10
☑	SWINE TEST CENTER	West of South 19th Ave & Linc	Bozeman	1971	677	$91,715.40

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BOZEMAN

☐	SWINGLE HEALTH CENTER	South 7th Ave (no official addr	Bozeman	1957	21,781	$7,345,012.50
☑	TAYLOR HALL	South 11th Ave (no official add	Bozeman	1896	9,936	$3,002,550.60
☐	TENNIS SUPPORT FACILITY	South 11th Ave (no official add	Bozeman	2000	1,505	$290,123.40
☑	TIETZ HALL	East of South 11th Ave (no offi	Bozeman	1985	20,472	$6,945,449.70
☐	TINSLEY BLACKSMITH SHOP	600 Kagy Boulevard	Bozeman	1989	368	$50,088.15
☐	TINSLEY CHICKEN COOP	600 Kagy Boulevard	Bozeman	1989	136	$18,511.50
☐	TINSLEY EQUIPMENT SHED	600 Kagy Boulevard	Bozeman	1989	620	$84,387.45
☐	TINSLEY HOMESTEAD	600 Kagy Boulevard	Bozeman	1989	3,612	$4,890,336.15
☐	TINSLEY OUTHOUSE	600 Kagy Boulevard	Bozeman	1989	63	$8,574.30
☐	TINSLEY ROOT CELLAR	600 Kagy Boulevard	Bozeman	1989	121	$16,467.15
☐	TINSLEY STORAGE SHED	600 Kagy Boulevard	Bozeman	1989	123	$16,741.20
☐	TINY HOUSE #1	14 Glacier Ct	Bozeman	2017	176	$9,599.10
☐	TINY HOUSE #2	14B Glacier Ct	Bozeman	2018	176	$8,102.85
☑	TRAPHAGEN HALL	West of South 11th Ave (no off	Bozeman	1920	37,234	$12,185,378.10
☑	UPD INCIDENT COMMAND POST	1000 Kagy Boulevard	Bozeman	2016	710	$92,812.65
☑	VET CENTER HAY SHED	West of South 19th Ave & Linc	Bozeman	1976	3,200	$434,797.65
☑	VET CLINIC BUILDING	West of South 19th Ave & Linc	Bozeman	1960	2,527	$338,055.90
☑	VET PRTBL MTL LVSTK SHLTR #1	West of South 19th Ave & Linc	Bozeman	2013	288	$3,169.95
☑	VET PRTBL MTL LVSTK SHLTR #2	West of South 19th Ave & Linc	Bozeman	2009	306	$3,365.25
☑	VET PRTBL MTL LVSTK SHLTR #3	West of South 19th Ave & Linc	Bozeman	2009	306	$3,365.25
☑	VET PRTBL WOOD LVSTK SHLTR #1	West of South 19th Ave & Linc	Bozeman	2009	128	$1,409.10
☑	VET PRTBL WOOD LVSTK SHLTR #2	West of South 19th Ave & Linc	Bozeman	2009	128	$1,409.10
☑	VET QUONSET LIVESTOCK SHELTER	West of South 19th Ave & Linc	Bozeman	1952	1,004	$11,048.10
☑	VET QUONSET LIVESTOCK SHELTER	West of South 19th Ave & Linc	Bozeman	1950	1,970	$21,676.20
☑	VET SHOP QUONSET	West of South 19th Ave & Linc	Bozeman	1953	960	$49,556.85
☑	VET STORAGE BUILDING	West of South 19th Ave & Linc	Bozeman	1941	1,000	$135,874.20
☑	VETERINARY EQUIPMENT SHED	West of South 19th Ave & Linc	Bozeman	1960	3,600	$489,149.85
☑	VETERINARY LOAFING SHED	West of South 19th Ave & Linc	Bozeman	1960	3,600	$489,149.85
☑	VISUAL COMMUNICATIONS BUILDING	West Grant (no official address	Bozeman	1983	41,494	$15,632,038.80

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BOZEMAN						
☐	WALLY BYAM ARBORETUM INTERPRETIVE CENTER	11th and College	Bozeman	1985	848	$138,184.20
☐	WEST JULIA MARTIN DRIVE 112	112 W Julia Martin Dr	Bozeman	1971	7,658	$393,139.95
☐	WEST JULIA MARTIN DRIVE 113	113 W Julia Martin Dr	Bozeman	1971	7,658	$393,139.95
☐	WEST JULIA MARTIN DRIVE 114	114 W Julia Martin Dr	Bozeman	1971	7,658	$393,139.95
☐	WEST JULIA MARTIN DRIVE 115	115 W Julia Martin Dr	Bozeman	1971	6,860	$393,139.95
☐	WEST JULIA MARTIN DRIVE 116	116 W Julia Martin Dr	Bozeman	1971	7,658	$393,139.95
☐	WEST JULIA MARTIN DRIVE 117	117 W Julia Martin Dr	Bozeman	1971	7,658	$393,139.95
☐	WEST JULIA MARTIN DRIVE 118	118 W Julia Martin Dr	Bozeman	1971	7,658	$393,139.95
☐	WEST JULIA MARTIN DRIVE 119	119 W Julia Martin Dr	Bozeman	1971	7,658	$393,139.95
☑	WILSON HALL	West Garfield St (no official ad	Bozeman	1974	80,153	$29,061,470.55
☑	WOOL LAB	South 11th Ave (no official add	Bozeman	1947	7,450	$1,523,422.95
☐	YELLOWSTONE HALL	South 15th Ave (no official add	Bozeman	2016	123,859	$6,376,613.25
☐	TRANSCEND TRANSPORTATION LAB #1	2027 Raceway Dr	Lewistown	2010	2,387	$223,023.15
☐	TRANSCEND TRANSPORTATION LAB #2	2027 Raceway Dr	Lewistown	2010	2,387	$223,023.15
☐	TRANSCEND TRANSPORTATION LAB #3	2027 Raceway Dr	Lewistown	2010	2,387	$223,023.15
☐	TRANSCEND TRANSPORTATION LAB #4	2027 Raceway Dr	Lewistown	2010	2,387	$223,023.15
☐	TRANSCEND TRANSPORTATION LAB #5	2027 Raceway Dr	Lewistown	2010	2,387	$223,023.15
☐	TRANSCEND TRANSPORTATION LAB #6	2027 Raceway Dr	Lewistown	2010	2,387	$223,023.15
☐	TRANSCEND TRANSPORTATION LAB #7	2027 Raceway Dr	Lewistown	2010	2,387	$223,023.15
UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - BOZEMAN: 424 Buildings			**TOTAL SQ FT: 5,665,558**		**TOTAL CRV:**	**$1,531,395,781.65**

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	$1,550,813.25
☑	Applied Technology Center	180 College Rd W	Havre	2005	16,100	$7,602,752.85
☑	Automotive Technology	MSU-Northern -220 College Rd	Havre	1984	12,290	$3,251,696.70
☑	Brockmann Center	MSU-Northern 201 College Rd	Havre	1971	53,072	$18,184,415.55
☐	Chancellor's New Residence	1325 11th Ave	Havre	1982	4,450	$569,643.90
☑	Cowan Hall	MSU-Northern 200 Cowan Dr	Havre	1953	66,463	$22,584,670.50
☑	Diesel Technology Center (DTC)	121 College Rd E	Havre	2018	24,873	$1,178,794.05
☑	Donaldson Hall	100 Cowan Dr	Havre	1936	32,745	$11,667,411.00
☑	Electronics Building	161 College Rd East	Havre	1968	14,577	$5,396,861.40
☐	Faculty Housing	1129 Bonine Dr	Havre	1957	2,437	$227,364.90
☐	Food Service	1150-B SUB Dr	Havre	1971	21,515	$7,356,956.25
☐	Football Complex	NW Corner of campus on Colle	Havre	2021	7,920	$3,313,600.50
☐	Gymnasium	241 College Rd West	Havre	1957	57,373	$19,644,284.10
☑	Hagener Science Center-Math Science Building	300 Cowan Dr	Havre	1968	41,453	$17,572,906.05
☑	Library Building	160 Cowan Dr	Havre	1987	31,134	$12,843,967.50
☐	MacKenzie Hall	1200 Buttrey Dr South	Havre	1971	43,678	$16,555,992.60
☐	MAT Theatre Cold Storage (Old Daycare)	1121 Buttrey Dr	Havre	1960	3,382	$315,534.45
☑	Metals Technology Building	100 College Rd East	Havre	1944	11,211	$3,295,826.10
☐	Morgan Hall	1126 Buttrey Dr	Havre	1957	48,872	$21,738,142.65
☑	Pershing Hall	1200 SUB Dr	Havre	1933	14,360	$5,054,503.65
☑	Physical Plant Building	300 13th St West	Havre	1967	5,642	$1,930,964.70
☐	Pump House	200 13th St	Havre	1985	100	$14,759.85
☐	Student & Family Housing 1210	1210 Bonine Dr	Havre	1960	6,912	$701,643.60
☐	Student & Family Housing 1215	1215 Bonine Dr	Havre	1960	8,124	$824,623.80
☐	Student & Family Housing 1220	1220 Bonine Dr	Havre	1960	3,840	$389,799.90
☐	Student & Family Housing 1225	1225 Bonine Dr	Havre	1960	8,124	$824,623.80
☐	Student & Family Housing 1230	1230 Bonine Dr	Havre	1960	11,692	$1,186,867.50
☐	Student Union	1150 A SUB Dr	Havre	1960	29,323	$9,594,029.55

UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - NORTHERN						
☐	Tiber 2 bedroom home	206 Tiber Dr	Havre	1957	660	$38,404.80
☐	Tiber 2 bedroom house	210 Tiber Dr	Havre	1957	660	$38,404.80
☐	Tiber 2 bedroom house	208 Tiber Dr	Havre	1957	660	$38,404.80
☐	Tiber One Bedroom	200 Tiber Dr	Havre	1957	566	$32,933.25
☐	Tiber One Bedroom	202 Tiber Dr	Havre	1957	566	$32,933.25
☐	Tiber One Bedroom	204 Tiber Dr	Havre	1957	566	$32,933.25
☐	Tiber One Bedroom	212 Tiber Dr	Havre	1957	533	$31,011.75
UNIVERSITY SYSTEM, MONTANA STATE UNIVERSITY - NORTHERN: 35 Buildings			**TOTAL SQ FT:**	**589,025**	**TOTAL CRV:**	**$195,618,476.55**

UNIVERSITY SYSTEM, MONTANA TECHNOLOGICAL UNIVERSITY

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 St	Butte	1965	13,585	$1,282,825.95
☐	Alumni Coliseum Pavilion	1300 W Park St	Butte	1993	925	$11,811.45
☐	Alumni Coliseum Pressbox & Bleachers	1300 W Park St	Butte	1965	17,587	$1,836,535.05
☐	Alumni Coliseum Ticket Booth A	1300 W Park St	Butte	1990	153	$11,392.50
☐	Alumni Coliseum Ticket Booth B	1300 W Park St	Butte	1990	153	$14,737.80
☐	Alumni Coliseum Ticket Booth C	1300 W Park St	Butte	1990	153	$14,737.80
☐	Athletics Shed 2	1300 W Park St	Butte	2020	400	$14,154.00
☐	Athletics Storage Shed	1300 W Park St	Butte		144	$5,095.65
☐	Centennial Hall (Student Residence-East)	1225 Broadway St	Butte	1999	33,879	$7,347,527.25
☐	Chancellor's Detached Garage	1315 W Park St	Butte	2017	1,000	$45,074.40
☑	Chancellor's Residence-H	1315 W Park	Butte	1936	5,100	$1,394,725.50
☑	Chemistry - Biology Building (CBB) - H	1300 W Park St	Butte	1921	42,974	$13,852,849.50
☐	Connex #1	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #10	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #11	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #12	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #13	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #14	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #15	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #16	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #17	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #18	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #19	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #2	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #20	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #21	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #22	71 Melanie Ln	Butte		320	$6,880.65

UNIVERSITY SYSTEM, MONTANA TECHNOLOGICAL UNIVERSITY

☐	Connex #23	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #24	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #25	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #26	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #27	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #28	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #29	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #3	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #30	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #31	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #32	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #33	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #34	71 Melanie Ln	Butte		320	$0.00
☐	Connex #35	71 Melanie Ln	Butte		320	$0.00
☐	Connex #36	71 Melanie Ln	Butte		320	$0.00
☐	Connex #4	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #5	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #6	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #7	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #8	71 Melanie Ln	Butte		320	$6,880.65
☐	Connex #9	71 Melanie Ln	Butte		320	$6,880.65
☐	Coverdale Garage	1206 Granite St	Butte	1900	575	$24,241.35
☑	Coverdale House	1206 Granite St	Butte	1900	1,144	$50,341.20
☑	Engineering Hall-H	1300 W Park St	Butte	1923	13,727	$4,163,095.65
☑	Engineering Laboratory-Classroom Building	1300 W Park St	Butte	1984	57,895	$17,634,660.75
☐	Family Student Housing - Lexington Apartments	1001 - 1039 Lexington Ave	Butte	1950	20,309	$3,128,669.25
☐	Family Student Housing - Missoula Apartments North	1001 - 1039 Missoula Ave	Butte	1950	20,309	$3,128,669.25
☐	Family Student Housing - Missoula Apartments South	1000 - 1038 Missoula Ave	Butte	1950	20,309	$3,128,669.25
☐	Family Student Housing - Storage Shed	1000 Missoula Ave	Butte		100	$5,729.85

UNIVERSITY SYSTEM, MONTANA TECHNOLOGICAL UNIVERSITY

☑	Greenhouse	1300 W Park St	Butte	1976	1,596	$53,064.90
☑	Health Sciences Building (Former Petroleum Bldg)	1300 W Park St	Butte	1953	23,694	$8,834,885.85
☑	Health, Physical Education, & Recreation Bldg	1300 W Park St	Butte	1980	98,236	$26,446,477.05
☑	Heating Plant Building	1300 W Park St	Butte	1969	11,037	$1,685,680.50
☑	Highlands College	25 Basin Creek Rd	Butte	1983	94,009	$19,797,272.25
☑	Highlands College Allied Trades Building	25 Basin Creek Rd	Butte	2013	5,000	$551,600.70
☑	Highlands College Garage	25 Basin Creek Rd	Butte	2007	1,536	$82,817.70
☑	Highlands Storage Shed 1 - North Parking Lot	25 Basin Creek Rd	Butte		144	$0.00
☑	Highlands Storage Shed 2 - North Parking Lot	25 Basin Creek Rd	Butte		144	$0.00
☑	Library Building & Auditorium Building (joined)	1300 W Park St	Butte	1977	39,013	$12,981,183.60
☑	Main Hall-H	1300 W Park St	Butte	1896	37,794	$12,425,360.85
☑	MBMG Metal Storage 2	71 Melanie Ln	Butte		4,625	$304,500.00
☑	MBMG Metal Storage Building	71 Melanie Ln	Butte	2018	10,000	$443,277.45
☑	Mill Building-H	1300 W Park St	Butte	1908	16,813	$5,750,784.90
☑	Mining Geology Building (M&G)	1300 W Park St	Butte	1972	39,536	$11,448,874.50
☑	Motor Pool Garage & Shed	71 Melanie Ln	Butte	1950	1,481	$88,708.20
☐	Motor Pool Shed	71 Melanie Ln	Butte	1950	350	$14,755.65
☑	MT Tech Offices - Garage - H.I.R.L. Program	71 Melanie Ln	Butte	1938	440	$26,355.00
☑	MT Tech Offices - North Bldg - H.I.R.L Program	71 Melanie Ln	Butte	1938	1,065	$154,161.00
☑	MT Tech Offices - South Bldg - H.I.R.L. Program	71 Melanie Ln	Butte	1938	1,065	$154,161.00
☑	MT Tech/MBMG Storage Building	71 Melanie Ln	Butte	1994	2,400	$134,458.80
☑	Museum Building-H	1300 W Park St	Butte	1940	28,194	$11,640,587.70
☑	Natural Resource Research Center Building (NRRC)	1300 W Park St	Butte	2017	31,016	$12,509,634.90
☑	Natural Resources Building	1505 W Park St	Butte	2009	57,995	$23,341,859.10
☑	Physical Plant Building	1300 W Park St	Butte	1948	6,300	$352,956.45
☐	Prospector Hall (Student Residence-West)-H	1301 W Park St	Butte	1935	46,809	$9,719,337.60
☐	Reed House	1308 W Broadway St Butte, MT	Butte		2,100	$92,410.50
☑	Science & Engineering Building (S&E)-H	1300 W Park St	Butte	1925	35,094	$9,262,817.55
☐	South Greenhouse	71 Melanie Ln	Butte		923	$20,837.25

UNIVERSITY SYSTEM, MONTANA TECHNOLOGICAL UNIVERSITY

☐	Stadium Flood Lighting	1300 W Park St	Butte		754	$96,520.20
☑	Student Success Center/Living Learning Center (SSC/LLC)	1300 W Park St, Butte, MT 597	Butte	2019	82,220	$24,740,517.90
☐	Student Union Building	1300 W Park St	Butte	1960	43,322	$11,924,706.15
☐	UMEC #39	1300 W Park St	Butte		320	$0.00
☐	UMEC Connex #37	1300 W Park St	Butte		1,920	$67,939.20
☐	UMEC Connex #38	1300 W Park St	Butte		320	$11,323.20
☐	UMEC Connex #40	1300 W Park St	Butte		320	$0.00
☐	UMEC Connex #41	1300 W Park St	Butte		320	$11,323.20
☐	UMEC Connex #42	1300 W Park St	Butte		320	$11,323.20
☑	UMEC Metal Building	1300 W Park St	Butte	2018	6,000	$265,967.10
☐	UMEC Portable Office Building	1300 W Park St	Butte		1,000	$102,096.75
☑	Welding & Concrete Shop	71 Melanie Ln	Butte	1997	2,100	$332,493.00
UNIVERSITY SYSTEM, MONTANA TECHNOLOGICAL UNIVERSITY: 98 Buildings			**TOTAL SQ FT: 1,005,292**		**TOTAL CRV:**	**$263,205,635.70**

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	$358,233.75
☑	FT ELLIS SHEEP SHELTER 1	33336 Frontage Rd	Bozeman	1985	128	$1,604.40
☑	FT ELLIS SHEEP SHELTER 2	33336 Frontage Rd	Bozeman	1986	125	$1,567.65
☑	FT ELLIS SHEEP SHELTER 3	33336 Frontage Rd	Bozeman	1986	768	$9,621.15
☑	FT ELLIS SHEEP SHELTER 4	33336 Frontage Rd	Bozeman		128	$0.00
☑	FT ELLIS SHEEP SHELTER 5	33336 Frontage Rd	Bozeman	1985	160	$2,004.45
☑	FT ELLIS STORAGE	33336 Frontage Rd	Bozeman	1933	2,592	$142,522.80
☑	FT ELLIS STORE HOUSE	33336 Frontage Rd	Bozeman	1933	120	$6,596.10
☑	FT. ELLIS CONFINEMENT SHED	33336 Frontage Rd	Bozeman	1978	3,553	$492,755.55
☑	FT. ELLIS GRAIN BINS	33336 Frontage Rd	Bozeman	1986	900	$3,264.45
☑	FT. ELLIS GRANARY & GARAGE	33336 Frontage Rd	Bozeman	1925	4,186	$580,542.90
☑	FT. ELLIS HAY SHELTER (WEST)	33336 Frontage Rd	Bozeman	1958	2,400	$332,847.90
☑	FT. ELLIS HORSE BARN/LAB	33336 Frontage Rd	Bozeman	1931	2,232	$309,549.45
☑	FT. ELLIS OIL SHED	33336 Frontage Rd	Bozeman	1965	100	$13,869.45
☑	FT. ELLIS PUMP HOUSE	33336 Frontage Rd	Bozeman	1933	75	$10,401.30
☑	FT. ELLIS RAM TEST SHED	33336 Frontage Rd	Bozeman	1933	5,220	$723,948.75
☑	FT. ELLIS RESIDENCE	33336 Frontage Rd	Bozeman	1931	2,129	$295,266.30
☑	FT. ELLIS SCALE HOUSE	33336 Frontage Rd	Bozeman	1933	2,988	$414,399.30
☑	FT. ELLIS SECOND HOUSE	33336 Frontage Rd	Bozeman	1932	1,100	$152,555.55
☑	FT. ELLIS SHEEP SHED 'A' & SHOP	33336 Frontage Rd	Bozeman	1919	8,288	$418,069.05
☑	Leon Johnson Hall	LRES W Arthur St	Bozeman	1973	-00	$0.00
☑	LUTZ FARM 2-SHEDS	McGuire Creek Rd	Bozeman		210	$29,125.95
☑	LUTZ FARM COW BARN	McGuire Creek Rd	Bozeman		1,800	$249,638.55
☑	LUTZ FARM GARAGE	McGuire Creek Rd	Bozeman	1951	545	$75,584.25
☑	LUTZ FARM GRAIN BIN 1-2200BU	McGuire Creek Rd	Bozeman		180	$4,077.15
☑	LUTZ FARM GRAIN BIN 2-3300BU	McGuire Creek Rd	Bozeman		480	$9,792.30
☑	LUTZ FARM GRAINERY	McGuire Creek Rd	Bozeman		800	$110,949.30
☑	LUTZ FARM MACHINE SHED #1	McGuire Creek Rd	Bozeman		1,200	$166,423.95

UNIVERSITY SYSTEM, MSU, AGRICULTURAL EXPERIMENT STATION

☑	LUTZ FARM MACHINE SHED #2	McGuire Creek Rd	Bozeman	1997	1,150	$159,489.75
☑	LUTZ FARM OUTHOUSE	McGuire Creek Rd	Bozeman		16	$1,615.95
☑	LUTZ FARM RESIDENCE	McGuire Creek Rd	Bozeman		1,500	$208,030.20
☑	PLANT BIOSCIENCE BUILDING	S 11th Ave	Bozeman	1999	1	$0.00
☑	POST FARM AG ENGINEERING SHED	8341 Huffine Ln	Bozeman	1978	2,640	$366,136.05
☑	POST FARM CHEMICAL STORAGE	8341 Huffine Ln	Bozeman	1992	400	$55,474.65
☑	POST FARM COMBINE/EQUIPMENT SHED	8341 Huffine Ln	Bozeman	1992	3,200	$443,799.30
☑	POST FARM FUEL TANK	8341 Huffine Ln	Bozeman	1986	50	$24,474.45
☑	POST FARM MACHINE SHED	8341 Huffine Ln	Bozeman	1987	2,000	$277,372.20
☑	POST FARM NEW FNDN SEED STORAGE	8341 Huffine Ln	Bozeman	2008	4,700	$336,042.00
☑	POST FARM PUMP HOUSE-EAST	8341 Huffine Ln	Bozeman	1968	80	$11,094.30
☑	POST FARM PUMP HOUSE-WEST	8341 Huffine Ln	Bozeman		80	$11,094.30
☑	POST FARM SEED BINS 3-700 BU	8341 Huffine Ln	Bozeman	1986	50	$7,342.65
☑	POST FARM SEED PLANT	8341 Huffine Ln	Bozeman	1967	1,152	$159,769.05
☑	POST FARM SEED STORAGE SHED	8341 Huffine Ln	Bozeman	1978	2,640	$366,136.05
☑	POST FARM SHOP BUILDING	8341 Huffine Ln	Bozeman	1987	3,000	$416,061.45
☑	POST FARM TRACTOR/MACHINE SHED	8341 Huffine Ln	Bozeman	1978	2,640	$366,136.05
☑	POST FARM WEATHER STATION	8341 Huffine Ln	Bozeman		80	$11,094.30
☑	WTARC CHEM BUILDING	9546 Old Shleby Rd	Conrad		690	$267,231.30
☑	WTARC EQPT STORAGE & SHOP	9546 Old Shleby Rd	Conrad	1979	6,000	$832,122.90
☑	WTARC FERTILIZER STORAGE BLDG	9546 Old Shleby Rd	Conrad	1980	192	$26,630.10
☑	WTARC Greenhouse	9546 Old Shleby Rd	Conrad	2021	2,957	$66,754.80
☑	WTARC LABORATORY/OFFICE BLDG	9546 Old Shleby Rd	Conrad	1984	2,421	$335,760.60
☑	WTARC MODULAR OFFICE	9546 Old Shleby Rd	Conrad	1999	360	$36,936.90
☑	WTARC SEED PROCESSING LAB	9546 Old Shleby Rd	Conrad	2009	2,160	$329,931.00
☑	WARC BIO LAB/GREENHOUSE	580 Quast Ln	Corvallis	1980	1,536	$213,022.95
☑	WARC BIO LABORATORY/LUNCH ROOM	580 Quast Ln	Corvallis	1910	826	$114,558.15
☑	WARC CHEM BUILDING	580 Quast Ln	Corvallis		1,560	$72,508.80
☑	WARC EAST LAB	580 Quast Ln	Corvallis	1956	2,200	$305,111.10

UNIVERSITY SYSTEM, MSU, AGRICULTURAL EXPERIMENT STATION

☑	WARC FOOD/COLD STORAGE	580 Quast Ln	Corvallis	1925	660	$91,533.75
☑	WARC GRIND RM/GREENHS	580 Quast Ln	Corvallis	1926	1,383	$191,805.60
☑	WARC MAIN OFFICE	580 Quast Ln	Corvallis	1911	2,304	$319,532.85
☑	WARC PESTICIDE SHED	580 Quast Ln	Corvallis	1987	275	$38,140.20
☑	WARC PUMP HOUSE #2	580 Quast Ln	Corvallis	1998	36	$4,992.75
☑	WARC STORAGE CARPORT	580 Quast Ln	Corvallis	2001	576	$31,671.15
☑	WARC STORAGE SHED #2	580 Quast Ln	Corvallis	1999	300	$41,607.30
☑	WARC TRACTOR SHED & SHOP	580 Quast Ln	Corvallis	1935	2,520	$349,492.50
☑	NARC 10-TON GLV HB FEED GRAIN BIN	3710 Assinniboine Rd	Havre	1980	50	$1,631.70
☑	NARC 1100 BU STEFFES BINs (2)	3710 Assinniboine Rd	Havre	1996	50	$704.55
☑	NARC 1100 BU STEFFES BINs (2)	3710 Assinniboine Rd	Havre	1996	50	$22,841.70
☑	NARC 6 TON GLV HB FEED GRAIN BIN	3710 Assinniboine Rd	Havre	1983	50	$731.85
☑	NARC BEHLEN FEED BIN 4709BU	3710 Assinniboine Rd	Havre	1994	600	$4,895.10
☑	NARC BULL BARN - Fort Ice House	3710 Assinniboine Rd	Havre	1904	7,965	$1,104,642.00
☑	NARC CALVING BARN	3710 Assinniboine Rd	Havre	2010	10,320	$549,231.90
☑	NARC Chem Handling Building	3710 Assinniboine Rd	Havre	2016	2,160	$449,288.70
☑	NARC DUPLEX GARAGE	3710 Assinniboine Rd	Havre	1927	420	$58,247.70
☑	NARC EQUIP STORAGE BLDG#1	3710 Assinniboine Rd	Havre	2006	14,000	$1,535,028.60
☑	NARC EQUIP STORAGE SHED BLDG # 1	3710 Assinniboine Rd	Havre	2006	14,000	$593,182.80
☑	NARC FEED GRAIN BIN 1512-E 1	3710 Assinniboine Rd	Havre	1996	50	$704.55
☑	NARC FEED GRAIN BIN 1512-E 2	3710 Assinniboine Rd	Havre	1996	50	$704.55
☑	NARC FEED GRAIN BIN 1512-E 3	3710 Assinniboine Rd	Havre	1996	50	$704.55
☑	NARC FEED GRAIN BIN 1520-E (1)	3710 Assinniboine Rd	Havre	2000	50	$13,051.50
☑	NARC FEED GRAIN BINS 1512-E (4)	3710 Assinniboine Rd	Havre	1996	50	$36,711.15
☑	NARC FEED SUPPLEMENT STORAGE	3710 Assinniboine Rd	Havre	1999	450	$39,943.05
☑	NARC FENCING SHED- Fort Carriage House	3710 Assinniboine Rd	Havre	1883	1,000	$138,688.20
☑	NARC FNDN SEED BIN 705-E	3710 Assinniboine Rd	Havre	1989	50	$5,712.00
☑	NARC FNDN SEED BIN 705-E	3710 Assinniboine Rd	Havre	1991	50	$704.55
☑	NARC FNDN SEED BIN 705-E	3710 Assinniboine Rd	Havre	1991	50	$4,895.10

☑	NARC FNDN SEED BIN 710-E	3710 Assinniboine Rd	Havre	1997	50	$6,525.75
☑	NARC FNDN SEED BIN 710-E	3710 Assinniboine Rd	Havre	1996	50	$704.55
☑	NARC FNDN SEED BIN 710-E	3710 Assinniboine Rd	Havre	1997	50	$704.55
☑	NARC FNDN SEED BINS 705-E	3710 Assinniboine Rd	Havre	1989	50	$704.55
☑	NARC FNDN SEED BINS 710-E	3710 Assinniboine Rd	Havre	1996	50	$6,525.75
☑	NARC FORT CENTER STABLE GUARD HOUSE	3710 Assinniboine Rd	Havre	1905	1,749	$242,566.80
☑	NARC FORT EAST STABLE GUARD HOUSE	3710 Assinniboine Rd	Havre	1905	1,749	$242,566.80
☑	NARC Fort STABLE - Rose Room	3710 Assinniboine Rd	Havre	1906	7,922	$1,098,678.00
☑	NARC FUEL TANK VAULT 1500 GAL	3710 Assinniboine Rd	Havre	1995	50	$2,464.35
☑	NARC HAY/STEER BARN	3710 Assinniboine Rd	Havre	1927	8,976	$565,774.65
☑	NARC LOWER CALVING SHED	3710 Assinniboine Rd	Havre	1927	576	$79,885.05
☑	NARC OFFICE & SEED LAB	3710 Assinniboine Rd	Havre	2010	12,380	$3,187,125.90
☑	NARC OLD OFFICE - Fort Library	3710 Assinniboine Rd	Havre	1889	2,834	$393,040.20
☑	NARC OLD SHOP/ MACHINE SHED	3710 Assinniboine Rd	Havre	1937	6,040	$837,669.00
☑	NARC OLD SOILS LAB - Fort Post Traders	3710 Assinniboine Rd	Havre	1879	5,214	$723,118.20
☑	NARC OLD WAREHOUSE - Fort Ordinance Building	3710 Assinniboine Rd	Havre	1884	1,500	$208,030.20
☑	NARC PESTICIDE HOUSE - OLD	3710 Assinniboine Rd	Havre	1989	260	$48,951.00
☑	NARC PIVOT IRRIGATION SYSTEM 1 East	3710 Assinniboine Rd	Havre	2014	1,103	$203,410.20
☑	NARC PIVOT IRRIGATION SYSTEM 2 West	3710 Assinniboine Rd	Havre	2014	945	$203,410.20
☑	NARC Residence (Apt 9) - Fort NCO Housing	3710 Assinniboine Rd	Havre	1905	2,052	$284,585.70
☑	NARC Residences (Apts 7 & 8) Fort Married Officers	3710 Assinniboine Rd	Havre	1880	5,810	$805,772.10
☑	NARC Residences/Lab (Apt 1-6)Fort Bachelor's House	3710 Assinniboine Rd	Havre	1881	18,500	$3,077,061.75
☑	NARC SCALE HOUSE	3710 Assinniboine Rd	Havre	1927	888	$123,155.55
☑	NARC SEED HOUSE - Fort Guard House	3710 Assinniboine Rd	Havre	1905	7,819	$1,084,394.85
☑	NARC SHOP BUILDING	3710 Assinniboine Rd	Havre	1992	5,200	$721,171.50
☑	NARC STONE GARAGE/STORAGE - Fort Amusement Hall	3710 Assinniboine Rd	Havre	1886	3,530	$489,565.65
☑	NARC THACKERAY CALVING SHED	3710 Assinniboine Rd	Havre	1980	1,750	$242,704.35
☑	NARC THACKERAY Chicken Coop 1	3710 Assinniboine Rd	Havre	1986	625	$8,973.30
☑	NARC Thackeray Chicken Coop 2	3710 Assinniboine Rd	Havre	1986	625	$8,973.30

UNIVERSITY SYSTEM, MSU, AGRICULTURAL EXPERIMENT STATION

☑	NARC THACKERAY GAMBREL RF BARN	3710 Assinniboine Rd	Havre		3,500	$485,402.40
☑	NARC THACKERAY GARAGE	3710 Assinniboine Rd	Havre	1911	800	$110,949.30
☑	NARC THACKERAY GRANARY	3710 Assinniboine Rd	Havre	1986	416	$5,231.10
☑	NARC THACKERAY HAY SHED	3710 Assinniboine Rd	Havre	1925	625	$85,047.90
☑	NARC THACKERAY HOUSE	3710 Assinniboine Rd	Havre	1910	1,008	$139,798.05
☑	NARC THACKERAY MACHINE SHED	3710 Assinniboine Rd	Havre	1980	3,000	$416,061.45
☑	NARC THACKERAY OUTHOUSE	3710 Assinniboine Rd	Havre		16	$1,615.95
☑	NARC THACKERAY PUMP (SPRING) HSE	3710 Assinniboine Rd	Havre	1926	144	$86,683.80
☑	NARC THACKERAY RED MACHINE SHED	3710 Assinniboine Rd	Havre	1986	400	$16,948.05
☑	NARC THACKERAY SHOP	3710 Assinniboine Rd	Havre	1935	1,872	$259,623.00
☑	NARC THACKERAY STOCK SHED	3710 Assinniboine Rd	Havre	1935	1,300	$180,297.60
☑	NARC VALVE HOUSE	3710 Assinniboine Rd	Havre	1927	90	$12,480.30
☑	NARC WELL HOUSE	3710 Assinniboine Rd	Havre	1927	312	$43,268.40
☑	NARC WEST STABLE GUARD HOUSE	3710 Assinniboine Rd	Havre	1905	1,749	$242,566.80
☑	NARC WILRAY LG FEED TANK -5500 Gal	3710 Assinniboine Rd	Havre		-00	$0.00
☑	SARC Canal Bridge	748 Railroad Hwy	Huntley	1963	400	$0.00
☑	SARC Dairy Barn South Annex	748 Railroad Hwy	Huntley	1917	4,125	$72,283.05
☑	SARC E. RESIDENCE GARAGE	748 Railroad Hwy	Huntley	1920	672	$93,195.90
☑	SARC Equipment Storage (remodeled MACHINE SHED #4)	748 Railroad Hwy	Huntley	2006	5,000	$693,436.80
☑	SARC FEED MILL	748 Railroad Hwy	Huntley	1950	240	$33,283.95
☑	SARC Greenhouse - 3471	748 Railroad Hwy	Huntley	2021	3,080	$891,794.40
☑	SARC HARVESTORE SILO	748 Railroad Hwy	Huntley	1966	680	$38,888.85
☑	SARC HOMESTEADER HALL (LEASED TO HP Lions)	748 Railroad Hwy	Huntley	1928	3,200	$304,732.05
☑	SARC Irrigation Pump House, Pump House No. 2	748 Railroad Hwy	Huntley	1951	48	$6,655.95
☑	SARC LG BUSHEL BINS (3)	748 Railroad Hwy	Huntley	1950	11,400	$597,740.85
☑	SARC Linear Irrigation System	748 Railroad Hwy	Huntley	2009	598	$137,920.65
☑	SARC MACHINE SHED #1	748 Railroad Hwy	Huntley	1916	2,852	$395,532.90
☑	SARC MACHINE SHED #3	748 Railroad Hwy	Huntley	1948	5,040	$698,982.90
☑	SARC OFFICE	748 Railroad Hwy	Huntley	2005	5,550	$954,885.75

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☑	SARC PESTICIDE STORAGE/LAB BUILDING	748 Railroad Hwy	Huntley	2007	750	$326,323.20
☑	SARC RESIDENCE #3	748 Railroad Hwy	Huntley	1917	1,784	$247,417.80
☑	SARC RESIDENCE #4	748 Railroad Hwy	Huntley	1917	2,182	$302,614.20
☑	SARC SHOP	748 Railroad Hwy	Huntley	2006	5,000	$693,436.80
☑	SARC SHOP/MACHINE SHED	748 Railroad Hwy	Huntley	1920	6,700	$929,202.75
☑	SARC SM BUSHEL BINS (2)	748 Railroad Hwy	Huntley	1950	1,050	$2,447.55
☑	SARC Storage Shed next to wet lab	748 Railroad Hwy	Huntley	2000	120	$1,159.20
☑	SARC TRUCK SCALE HOUSE & SCALE	748 Railroad Hwy	Huntley	1928	160	$22,191.75
☑	SARC W. RESIDENCE GARAGE	748 Railroad Hwy	Huntley	1917	620	$85,984.50
☑	SARC Well House, Pump House No. 1	748 Railroad Hwy	Huntley	1928	189	$21,098.70
☑	SARC WX Yard and Station	748 Railroad Hwy	Huntley	1986	-00	$0.00
☑	NWARC BEHLEN GRAIN TANK 1000BU	4570 MT Hwy 35	Kalispell	1970	50	$3,264.45
☑	NWARC BOOT SHED	4570 MT Hwy 35	Kalispell	1984	112	$15,533.70
☑	NWARC DOERR GRAIN TANK 3-800BU	4570 MT Hwy 35	Kalispell	1984	1,000	$183,294.30
☑	NWARC FOUNDATION HOPPER 4-200BU	4570 MT Hwy 35	Kalispell	1984	1,000	$2,447.55
☑	NWARC FUEL TANKS	4570 MT Hwy 35	Kalispell	1995	1	$0.00
☑	NWARC GARAGE	4570 MT Hwy 35	Kalispell	2002	896	$124,264.35
☑	NWARC GREENHOUSE	4570 MT Hwy 35	Kalispell	2002	1,296	$179,740.05
☑	NWARC HEAD HOUSE/DRY LAB	4570 MT Hwy 35	Kalispell	2009	2,916	$445,406.85
☑	NWARC LAB BLDG/VEHICLE SHED	4570 MT Hwy 35	Kalispell	1963	1,728	$239,650.95
☑	NWARC MACHINE SHED	4570 MT Hwy 35	Kalispell	1985	5,000	$693,436.80
☑	NWARC MISC STORAGE	4570 MT Hwy 35	Kalispell	1990	80	$13,869.45
☑	NWARC NEW CHEM BUILDING	4570 MT Hwy 35	Kalispell		713	$275,025.45
☑	NWARC NEW SHOP	4570 MT Hwy 35	Kalispell		4,181	$738,860.85
☑	NWARC OFFICES/CROPS LAB	4570 MT Hwy 35	Kalispell	1957	2,560	$355,039.65
☑	NWARC OLD SHOP	4570 MT Hwy 35	Kalispell	1963	2,304	$319,532.85
☑	NWARC POLE BARN	4570 MT Hwy 35	Kalispell	1997	1,920	$266,281.05
☑	NWARC RESIDENCE #1	4570 MT Hwy 35	Kalispell	1925	1,000	$138,688.20
☑	NWARC SEED & PLANT PROC RESRCH	4570 MT Hwy 35	Kalispell	2009	3,136	$432,522.30

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☑	NWARC TRUCK SCALE	4570 MT Hwy 35	Kalispell	1967	20	$2,773.05
☑	CARC DAIRY BARN/LAB	52583 US-87	Moccasin	1922	1,200	$166,423.95
☑	CARC GR BINS BU BUTLER	52583 US-87	Moccasin		380	$5,555.55
☑	CARC GR BINS BU BUTLER	52583 US-87	Moccasin	1965	380	$12,235.65
☑	CARC GR BINS BU BUTLER	52583 US-87	Moccasin		-00	$0.00
☑	CARC GRAIN BIN	52583 US-87	Moccasin	1996	47	$16,314.90
☑	CARC Grain Bin 1-100 BU	52583 US-87	Moccasin	1967	30	$438.90
☑	CARC Grain Bin 1-100 BU	52583 US-87	Moccasin	1967	30	$438.90
☑	CARC Grain Bin 1-100 BU	52583 US-87	Moccasin	1967	30	$438.90
☑	CARC Grain Bin 1-500 BU BROCK	52583 US-87	Moccasin	1976	79	$1,158.15
☑	CARC Grain Bin 1-500 BU BROCK	52583 US-87	Moccasin	1976	79	$1,158.15
☑	CARC Grain Bin 1-500 BU BROCK	52583 US-87	Moccasin	1976	79	$1,158.15
☑	CARC GRAIN BIN 1-590 BU	52583 US-87	Moccasin	1995	182	$2,660.70
☑	CARC GRAIN BINS 4-500BU	52583 US-87	Moccasin	1986	50	$3,264.45
☑	CARC GREENHOUSE	52583 US-87	Moccasin	1968	544	$75,445.65
☑	CARC HORSEBARN/SEED LAB	52583 US-87	Moccasin	1911	1,344	$186,394.95
☑	CARC HOUSE	52583 US-87	Moccasin	1908	1,024	$142,015.65
☑	CARC IMPLEMENT SHED	52583 US-87	Moccasin	1921	3,680	$510,370.35
☑	CARC OFFICE	52583 US-87	Moccasin	2003	1,500	$208,030.20
☑	CARC PESTICIDE HANDLING	52583 US-87	Moccasin	2007	1,152	$304,164.00
☑	CARC POLE SHED	52583 US-87	Moccasin	1979	2,604	$361,142.25
☑	CARC PUMP HOUSE	52583 US-87	Moccasin	1915	80	$11,094.30
☑	CARC SEED PLANT	52583 US-87	Moccasin	1969	2,880	$399,416.85
☑	CARC STORAGE SHED/CAR GARAGE	52583 US-87	Moccasin	1918	480	$66,570.00
☑	CARC STORAGE/LAB EQUIP	52583 US-87	Moccasin	1987	216	$29,955.45
☑	CARC VEHICLE STORAGE	52583 US-87	Moccasin		2,912	$511,991.55
☑	RED BLUFF 2-BOTTOM HOPPER BINS	3 miles # of Norris	Norris	1928	240	$8,157.45
☑	RED BLUFF BUTLER BIN	3 miles east of Norris	Norris	1966	2,800	$52,433.85
☑	RED BLUFF LAMBING BARN	3 miles east of Norris	Norris	1983	5,600	$97,684.65

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☑	RED BLUFF LUMBER SHED	3 miles east of Norris	Norris	1961	656	$90,979.35
☑	RED BLUFF MIXING BARN	3 miles east of Norris	Norris		7,500	$84,235.20
☑	Red Bluff Mixing Barn #2	3 miles east of Norris	Norris	2015	1,600	$25,198.95
☑	RED BLUFF NEW MAIN RESIDENCE #1	3 miles east of Norris	Norris	2009	1,680	$255,629.85
☑	RED BLUFF NEW RES #2 GARAGE	3 miles east of Norris	Norris	2009	624	$94,950.45
☑	RED BLUFF NEW RESIDENCE #2	3 miles east of Norris	Norris	2009	972	$147,901.95
☑	RED BLUFF NEW SHOP	3 miles east of Norris	Norris	2009	2,625	$399,421.05
☑	RED BLUFF POLE CALVING BARN	3 miles east of Norris	Norris	2002	9,600	$1,267,752.15
☑	RED BLUFF SHEEP OFFICE	3 miles east of Norris	Norris	1930	600	$83,213.55
☑	REDBLUFF NEW MAIN RESIDENCE GARAGE	3 miles east of Norris	Norris	2009	624	$94,950.45
☑	EARC 2007 MACHINERY STORAGE BUILDING	1501 N Central Ave	Sidney	2007	4,000	$205,903.95
☑	EARC 2015 MANUFACTURED HOUSE	1501 N Central Ave	Sidney	2015	1,280	$64,372.35
☑	EARC CHEMICAL STORAGE/HANDLING FACILITY	1501 N Central Ave	Sidney	2007	432	$22,236.90
☑	EARC DRYLAND MACHINE SHED	1501 N Central Ave	Sidney	2017	2,000	$90,599.25
☑	EARC EAST LINEAR IRRIGATION SYSTEM	1501 N Central Ave	Sidney		1,760	$131,614.35
☑	EARC FOREMAN RESIDENCE	1501 N Central Ave	Sidney	1970	1,625	$225,368.85
☑	EARC FOUNDATION SEED BLDG	1501 N Central Ave	Sidney	1986	1,600	$221,900.70
☑	EARC GAZEBO	1501 N Central Ave	Sidney	2018	144	$1,390.20
☑	EARC GRAIN BIN HOPPER BOTTOM, 547 BU	1501 N Central Ave	Sidney	1996	300	$731.85
☑	EARC GRAIN BIN HOPPERBOTTOM,547BU	1501 N Central Ave	Sidney	1996	300	$0.00
☑	EARC GRANARY	1501 N Central Ave	Sidney	1963	2,560	$355,039.65
☑	EARC HOOP HOUSE	1501 N Central Ave	Sidney	2017	800	$20,115.90
☑	EARC HUBER SEED CLEANING BLDG	1501 N Central Ave	Sidney	1982	4,800	$665,701.05
☑	EARC LORRICH HOPPER BOTTOM BINS 1400	1501 N Central Ave	Sidney		300	$731.85
☑	EARC LORRICH HOPPER BOTTOM BINS, 1400	1501 N Central Ave	Sidney		300	$731.85
☑	EARC MACHINERY SHED	1501 N Central Ave	Sidney	1957	3,200	$443,799.30
☑	EARC Manufactured House	1501 N Central Ave	Sidney	2014	1,190	$57,646.05
☑	EARC OFFICE/GREENHOUSE	1501 N Central Ave	Sidney	2011	15,963	$1,183,220.85
☑	EARC OLD CHEM STOR/SEED QUONSET	1501 N Central Ave	Sidney	1951	1,008	$139,798.05

UNIVERSITY SYSTEM, MSU, AGRICULTURAL EXPERIMENT STATION						
☑	EARC POTTING STORAGE SHED	1501 N Central Ave	Sidney	2019	120	$1,159.20
☑	EARC STEAM GENERATOR HOUSE	1501 N Central Ave	Sidney	2017	168	$23,234.40
☑	EARC SUPERINTEDENT RESIDENCE	1501 N Central Ave	Sidney	1950	1,037	$143,817.45
☑	EARC WEST LINEAR IRRIGATION SYSTEN	1501 N Central Ave	Sidney		1,685	$131,614.35
UNIVERSITY SYSTEM, MSU, AGRICULTURAL EXPERIMENT STATION: 235 Buildings			**TOTAL SQ FT:**	**457,464**	**TOTAL CRV:**	**$55,184,069.85**

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LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☐	(Uncle Bobs Cabin)	38689 MT-200	Bonner	1954	651	$82,272.75
☐	Assistant Manager's Garage	38689 MT-200	Bonner	1966	225	$40,510.05
☐	Assistant Manager's House	38689 MT-200	Bonner	1966	1,941	$349,462.05
☐	Boxcar 10	38689 MT-200	Bonner	1967	489	$35,214.90
☐	Boxcar 11	38689 MT-200	Bonner	1959	503	$36,222.90
☐	Boxcar 12	38689 MT-200	Bonner	1959	486	$34,997.55
☐	Boxcar 14	38689 MT-200	Bonner	1959	490	$35,287.35
☐	Boxcar 8	38689 MT-200	Bonner	1967	494	$35,366.10
☐	Boxcar 9	38689 MT-200	Bonner	1967	489	$35,214.90
☐	Boxcar13	38689 MT-200	Bonner	1959	492	$35,431.20
☐	Cabin No. 1	38689 MT-200	Bonner	1955	195	$14,044.80
☐	Cabin No. 2	38689 MT-200	Bonner	1955	195	$14,044.80
☐	Cabin No. 3	38689 MT-200	Bonner	1955	195	$14,044.80
☐	Cabin No. 4	38689 MT-200	Bonner	1955	195	$14,044.80
☐	Cabin No. 5	38689 MT-200	Bonner	1955	195	$14,044.80
☐	Cabin No. 6	38689 MT-200	Bonner	1955	195	$14,044.80
☐	Cabin No. 7	38689 MT-200	Bonner	1955	195	$14,044.80
☑	Castle Forestry Center	38689 MT-200	Bonner	1981	5,184	$1,700,765.85
☐	Equipment Barn Lubrecht	38689 MT-200	Bonner	2003	3,750	$271,220.25
☐	Kitchen & Mess Hall	38689 MT-200	Bonner	1955	1,908	$599,540.55
☐	Log Cabin (Unfinished Lubrecht)	38689 MT-200	Bonner		560	$22,899.45
☐	Log Cabin Entrance Lubrecht	38689 MT-200	Bonner		650	$78,683.85
☐	Lubrecht Duplex	38689 MT-200	Bonner	1997	942	$169,599.15
☐	Lubrecht Lodge (Dormitory)	38689 MT-200	Bonner		5,732	$1,700,765.85
☐	Lubrecht Pavilion	38689 MT-200	Bonner	2006	1,728	$39,927.30
☐	Manager's Garage	38689 MT-200	Bonner	1976	750	$135,033.15
☐	Manager's House	38689 MT-200	Bonner	1975	2,617	$471,170.70
☐	Pottery Kiln Building	38689 MT-200	Bonner	1985	652	$82,524.75

☐	Pump House	38689 MT-200	Bonner	1982	300	$54,012.00
☐	Quonset Shop	38689 MT-200	Bonner	1966	760	$95,779.95
☐	Recreation Hall	38689 MT-200	Bonner	1955	825	$275,531.55
☐	Sawmill	38689 MT-200	Bonner	1985	793	$57,109.50
☐	Shop Complex Lubrecht	38689 MT-200	Bonner	1998	3,971	$500,447.85
☐	Shower/Latrine (Bathhouse)	38689 MT-200	Bonner	1982	685	$86,328.90
☐	Staff Cabin 1	38689 MT-200	Bonner	1966	506	$91,100.10
☐	Staff Cabin 2	38689 MT-200	Bonner	1966	506	$91,100.10
☐	Steel Shed (Old Welding Shop)	38689 MT-200	Bonner	1972	371	$46,758.60
☐	Storage BLDG (Old Classroom)	38689 MT-200	Bonner	1966	999	$71,943.90
☐	Tool Shed	38689 MT-200	Bonner	1955	195	$14,044.80
☐	Woodshed	38689 MT-200	Bonner	2019	237	$9,691.50
☑	Daly Garage/Tackroom (aka boathouse)	251 Eastside Hwy	Hamilton		320	$23,956.80
☑	Daly Gazebo	251 Eastside Hwy	Hamilton	2000	128	$15,971.55
☑	Daly Greenhouse	251 Eastside Hwy	Hamilton	1890	1,000	$126,569.10
☑	Daly Ice House	251 Eastside Hwy	Hamilton	1890	130	$91,649.25
☑	Daly Laundry Building	251 Eastside Hwy	Hamilton	1890	2,200	$111,766.20
☑	Daly Mansion	251 Eastside Hwy	Hamilton	1910	28,523	$12,852,916.65
☑	Daly Playhouse(3/4 size)	251 Eastside Hwy	Hamilton	1890	525	$39,424.35
☐	Daly Pole Shed (South Lawn)	251 Eastside Hwy	Hamilton	2004	300	$79,853.55
☑	Daly Pool and Bath House	251 Eastside Hwy	Hamilton		2,700	$31,910.55
☑	Daly Public Restrooms	251 Eastside Hwy	Hamilton	2004	300	$63,466.20
☑	Daly Wellhouse	251 Eastside Hwy	Hamilton		240	$11,979.45
☐	KUFM Hamilton (Grubstake)	1017 Grub Stake Rd (by)	Hamilton		80	$6,566.70
☑	KUFM Libby Transmitter	190 Gilcrease LN	Libby	2011	80	$6,566.70
☐	1000-1006 Yreka Court	1000-1006 Yreka Ct	Missoula	1967	1,968	$354,323.55
☐	100-106 Helena Court N	100-106 Helena Ct N	Missoula	1966	2,502	$450,463.65
☐	1008-1014 Yreka Court	1008-1014 Yreka Ct	Missoula	1967	2,446	$440,382.60
☐	101-107 Helena Court N	101-107 Helena Ct N	Missoula	1966	2,502	$450,463.65

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☐	1016-1022 Yreka Court	1016-1022 Yreka Ct	Missoula	1967	1,942	$349,641.60
☐	1024-1030 Yreka Court	1024-1030 Yreka Ct	Missoula	1967	2,446	$440,382.60
☐	1032-1042 Yreka Court	1032-1042 Yreka Ct	Missoula	1967	6,024	$1,084,573.35
☐	1044-1050 Yreka Court	1044-1050 Yreka Ct	Missoula	1967	4,016	$723,048.90
☐	108-114 Helena Court N	108-114 Helena Ct N	Missoula	1966	1,994	$359,006.55
☐	109-115 Helena Court N	109-115 Helena Ct N	Missoula	1966	1,994	$359,006.55
☐	1101-1110 Coloma Drive	1101-1110 Coloma Dr	Missoula	1996	9,404	$1,629,207.30
☐	1111-1115 Coloma Drive	1111-1115 Coloma Dr	Missoula	1996	4,888	$880,045.95
☐	116-122 Helena Court N	116-122 Helena Ct N	Missoula	1966	2,502	$450,463.65
☐	117-123 Helena Court N	117-123 Helena Ct N	Missoula	1966	2,502	$450,463.65
☐	1201-1204 Coloma Drive	1201-1204 Coloma Dr	Missoula	1996	2,006	$361,165.35
☐	1205-1208 Coloma Drive	1205-1208 Coloma Dr	Missoula	1996	2,006	$361,165.35
☐	1301-1304 Granite Court	1301-1304 Granite Ct	Missoula	1996	3,494	$629,068.65
☐	1305-1309 Granite Court	1305-1309 Granite Ct	Missoula	1996	4,888	$880,045.95
☑	1325 Gerald - President's House	1325 Gerald Ave	Missoula	1974	7,117	$1,281,359.10
☐	1401-1407 Granite Court	1305-1309 Granite Ct	Missoula	1996	6,201	$1,116,440.85
☐	1408-1412 Granite Court	1408-1412 Granite Ct	Missoula	1996	4,888	$880,045.95
☐	1501-1504 Cinnabar Drive	1501-1504 Cinnabar Dr	Missoula	1996	2,006	$361,165.35
☐	1603-1608 Cinnabar Drive	1603-1608 Cinnabar Dr	Missoula	1996	7,530	$1,355,716.95
☐	1609-1613 Cinnabar Drive	1609-1613 Cinnabar Dr	Missoula	1996	4,888	$880,045.95
☐	1701-1704 Cinnabar Drive	1701-1704 Cinnabar Dr	Missoula	1996	2,996	$539,409.15
☐	1705-1713 Cinnabar Drive	1705-1713 Cinnabar Dr	Missoula	1996	5,746	$1,034,520.90
☐	1801-1808 Emigrant Court	1801-1808 Emigrant Ct	Missoula	1996	5,225	$940,719.15
☐	1809-1812 Emigrant Court	1809-1812 Emigrant Ct	Missoula	1996	3,747	$674,617.65
☐	1813-1820 Emigrant Court	1813-1820 Emigrant Ct	Missoula	1996	5,225	$940,719.15
☐	1901-1908 Jardine Court	1901-1908 Jardine Ct	Missoula	1996	4,936	$888,686.40
☐	1909-1912 Jardine Court	1909-1912 Jardine Ct	Missoula	1996	3,746	$674,438.10
☐	1913-1920 Jardine Court	1913-1920 Jardine Ct	Missoula	1996	4,936	$888,686.40
☐	2001-2008 Laurin Court	2001-2008 Laurin Ct	Missoula	1996	4,936	$888,686.40

☐	200-206 Helena Court N	200-206 Helena Ct N	Missoula	1966	1,968	$354,323.55
☐	2009-2012 Laurin Court	2009-2012 Laurin Ct	Missoula	1996	3,746	$674,438.10
☐	201-207 Helena Court N	201-207 Helena Ct N	Missoula	1966	1,968	$354,323.55
☐	2013-2020 Laurin Court	2013-2020 Laurin Ct	Missoula	1997	5,217	$939,279.60
☐	208-214 Helena Court N	208-214 Helena Ct N	Missoula	1966	1,994	$359,006.55
☐	209-215 Helena Court N	209-215 Helena Ct N	Missoula	1966	1,994	$359,006.55
☐	2101-2108 Pardee Court	2101-2108 Pardee Ct	Missoula	1997	5,217	$939,279.60
☐	2109-2112 Pardee Court	2109-2112 Pardee Ct	Missoula	1993	3,826	$688,838.85
☐	2113-2120 Pardee Court	2113-2120 Pardee Ct	Missoula	1997	5,217	$939,279.60
☐	216-222 Helena Court N	216-222 Helena Ct N	Missoula	1966	1,968	$354,323.55
☐	217-223 Helena Court N	217-223 Helena Ct N	Missoula	1966	1,968	$354,323.55
☐	2201-2208 Landusky Court	2201-2208 Landusky Ct	Missoula	1997	5,217	$939,279.60
☐	2209-2211 Landusky Court	2209-2211 Landusky Ct	Missoula	1993	3,826	$688,838.85
☐	2213-2220 Landusky Court	2213-2220 Landusky Ct	Missoula	1997	5,217	$939,279.60
☐	2301-2304 Robar Court	2301-2304 Robar Ct	Missoula	1993	3,826	$688,838.85
☐	2305-2308 Robar Court	2305-2308 Robar Ct	Missoula	1993	3,826	$688,838.85
☐	2309-2312 Robar Court	2309-2312 Robar Ct	Missoula	1993	3,826	$688,838.85
☐	300-306 Bannack Court N	300-306 Bannack Ct N	Missoula	1966	2,502	$450,463.65
☐	301-307 Bannack Court N	301-307 Bannack Ct N	Missoula	1966	2,502	$450,463.65
☐	308-314 Bannack Court N	308-314 Bannack Ct N	Missoula	1966	1,994	$359,006.55
☐	309-315 Bannack Court N	309-315 Bannack Ct N	Missoula	1966	1,994	$359,006.55
☐	316-322 Bannack Court N	316-322 Bannack Ct N	Missoula	1966	2,502	$450,463.65
☐	317-323 Bannack Court N	317-323 Bannack Ct N	Missoula	1966	2,502	$450,463.65
☐	324-334 Bannack Court N	324-334 Bannack Ct N	Missoula	1966	6,024	$1,084,573.35
☐	400-406 Bannack Court N	400-406 Bannack Ct N	Missoula	1966	2,502	$450,463.65
☐	401-407 Bannack Court N	401-407 Bannack Ct N	Missoula	1966	2,502	$450,463.65
☐	408-414 Bannack Court N	408-414 Bannack Ct N	Missoula	1966	2,502	$450,463.65
☐	409-415 Bannack Court N	409-415 Bannack Ct N	Missoula	1966	2,502	$450,463.65
☐	417-423 Bannack Court N	417-423 Bannack Ct N	Missoula	1966	2,476	$445,783.80

☐	424-430 Bannack Court N	424- 430 Bannack Ct N	Missoula	1966	2,502	$450,463.65
☐	432-438 Bannack Court N	432-438 Bannack Ct N	Missoula	1966	2,502	$450,463.65
☐	500-506 Garnet Court	500-506 Garnet Ct	Missoula	1966	2,502	$450,463.65
☐	508-514 Garnet Court	508-514 Garnet Ct	Missoula	1966	2,502	$450,463.65
☐	509-515 Garnet Court	509-515 Garnet Ct	Missoula	1966	2,476	$445,783.80
☐	516-526 Garnet Court	516-526 Garnet Ct	Missoula	1966	6,024	$1,084,573.35
☐	517-523 Garnet Court	517-523 Garnet Ct	Missoula	1966	2,502	$450,463.65
☐	525-531 Garnet Court	525-531 Garnet Ct	Missoula	1966	2,502	$450,463.65
☐	600-610 Pioneer Court N	600-610 Pioneer Ct N	Missoula	1966	6,024	$1,084,573.35
☐	601 S Fifth E	601 S 5th St E	Missoula	1987	3,830	$689,560.20
☐	601 S Sixth E	601 S 6th E	Missoula	1988	3,100	$558,130.65
☐	601-607 Pioneer Court N	601-607 Pioneer Ct N	Missoula	1966	1,968	$354,323.55
☐	602 S Sixth E	602 S 6th E	Missoula	1988	1,364	$245,579.25
☐	609 S Sixth E	609 S 6th E	Missoula		2,380	$428,499.75
☐	609-615 Pioneer Court N	609-615 Pioneer Ct N	Missoula	1966	1,968	$354,323.55
☐	610 S Sixth E	610 S 6th E	Missoula	1985	3,207	$577,393.95
☐	612-618 Pioneer Court N	612-618 Pioneer Ct N	Missoula	1966	2,502	$450,463.65
☐	615 S Fifth E	615 S 5th E	Missoula	1988	2,287	$411,755.40
☐	615 S Sixth E	615 S 6th E	Missoula	1984	2,062	$371,247.45
☐	616 & 616-1/2 S Sixth E	616 & 616-1/2 S 6th E	Missoula	1987	3,759	$676,776.45
☐	620 S Sixth E	620 S 6th E	Missoula	1989	2,534	$464,056.95
☐	620-626 Pioneer Court N	620-626 Pioneer Ct N	Missoula	1966	1,968	$354,323.55
☐	625 S Fifth E	625 S 5th E	Missoula		2,500	$450,103.50
☐	625 S. Sixth East	625 S 6th East	Missoula	1945	3,042	$547,688.40
☐	626 S Sixth E	626 S 6th E	Missoula	1984	2,894	$529,984.35
☐	629 S Sixth E (Radio TV)	629 S 6th E	Missoula	1985	4,240	$763,378.35
☐	630 S Sixth E	630 S 6th E	Missoula		1,920	$345,681.00
☐	633 S Fifth E	633 S 5th E	Missoula	1985	3,176	$571,812.15
☐	636 S Sixth E	636 S 6th E	Missoula	1988	1,595	$292,095.30

☐	638 - 644 S Sixth E	638 - 644 S 6th E	Missoula	1986	3,385	$609,443.10
☐	639 S. Fifth East	639 S 5th East	Missoula		780	$140,432.25
☐	645 S Fifth E	645 S 5th E	Missoula	1988	2,250	$405,096.30
☐	645 S. Sixth E.,	645 S 6th E	Missoula	1940	2,918	$534,455.25
☐	657 & 657-1/2 S Fifth E	657 & 657-1/2 S 5th E	Missoula	1987	2,592	$434,037.45
☐	659 & 659-1/2 S Fifth E	659 & 659-1/2 S 5th E	Missoula	1984	3,160	$568,936.20
☐	659 S Sixth E	659 S 6th E	Missoula	1988	3,150	$567,130.20
☐	664 S Sixth East	664 S 6th E	Missoula	1940	1,695	$325,064.25
☐	666 S Sixth E	666 S 6th E	Missoula	1984	2,664	$479,632.65
☐	700-706 Pioneer Court S	700-706 Pioneer Ct S	Missoula	1966	2,502	$450,463.65
☐	701-707 Pioneer Court S	701-707 Pioneer Ct S	Missoula	1966	2,476	$445,783.80
☐	702 Arthur	702 Arthur Ave	Missoula	1988	1,583	$285,004.65
☐	708-714 Pioneer Court S	708-714 Pioneer Ct S	Missoula	1966	2,502	$450,463.65
☐	716-722 Pioneer Court S	716-722 Pioneer Ct S	Missoula	1966	2,502	$450,463.65
☐	724-730 Pioneer Court S	724-730 Pioneer Ct S	Missoula	1966	2,502	$450,463.65
☐	801-807 Ophir Court	801-807 Ophir Ct	Missoula	1967	1,968	$354,323.55
☐	809-815 Ophir Court	809-815 Ophir Ct	Missoula	1967	1,968	$354,323.55
☐	817-823 Ophir Court	817-823 Ophir Ct	Missoula	1967	2,446	$440,382.60
☐	820 Arthur Ave. (Int. Prog. 600/610 Eddy)	820 Arthur Ave	Missoula		5,856	$856,373.70
☐	833-839 Ophir Court	833-839 Ophir Ct	Missoula	1967	6,024	$1,084,573.35
☐	900-906 Rimini Court	900-906 Rimini Ct	Missoula	1967	1,968	$354,323.55
☐	901-907 Rimini Court	901-907 Rimini Ct	Missoula	1967	2,446	$440,382.60
☐	908-914 Rimini Court	908-914 Rimini Ct	Missoula	1967	1,968	$354,323.55
☐	909-915 Rimini Court	909-915 Rimini Ct	Missoula	1967	2,446	$440,382.60
☐	916-922 Rimini Court	916-922 Rimini Ct	Missoula	1967	2,446	$440,382.60
☐	917-923 Rimini Court	917-923 Rimini Ct	Missoula	1967	2,446	$440,382.60
☐	924-930 Rimini Court	924-930 Rimini Ct	Missoula	1967	2,446	$440,382.60
☐	925-931 Rimini Court	925-931 Rimini Ct	Missoula	1967	2,446	$440,382.60
☐	932-942 Rimini Court	932-942 Rimini Ct	Missoula	1967	6,024	$1,084,573.35

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☐	933-951 Rimini Court	933-951 Rimini Ct	Missoula	1967	4,009	$721,786.80
☐	944-962 Rimini Court	944-962 Rimini Ct	Missoula	1967	4,009	$721,786.80
☐	Aber Hall	844 Connell Ave	Missoula	1968	87,178	$23,940,439.95
☐	Adams Center	800 Van Buren St	Missoula	1953	180,124	$57,110,595.15
☑	Alexander Blewett III Law School	715 S 6th St E	Missoula	1962	107,815	$32,868,105.90
☑	Art Annex - Pool	880 Van Buren St	Missoula	1958	40,803	$9,378,673.50
☑	Athletic Academic Center	800 Van Buren St	Missoula	2015	10,173	$3,460,908.15
☑	Backflow Bldg #1 (North)	1613 Keith Ave	Missoula	2010	300	$73,120.95
☑	Backflow Building #2 (South)	644 Eddy Ave	Missoula	2010	300	$73,120.95
☐	Bannack Court Laundry	214 Bannack Ct	Missoula	1966	710	$127,831.20
☐	Batting Cage Building	South Ave	Missoula	2015	6,244	$530,997.60
☑	Bio Research Building	1310 Maurice Ave	Missoula	2004	14,619	$3,625,140.75
☑	Blue Mountain Observatory	Hwy 93 S & W on Blue Mounta	Missoula	1970	206	$37,091.25
☐	Brantly Hall	635 Connell Ave	Missoula	1921	33,362	$7,209,164.55
☐	Bromenshenk's Bee Shed	Unnamed Rd 34 off of Post Sidi	Missoula		80	$10,081.05
☑	Building T-157 (East cellblock Drama Storage)	Post Siding Rd Ft. Missoula	Missoula	1943	12,687	$1,605,813.30
☐	Bus Barn (Warehouse #23)	32 Campus Dr	Missoula	2010	2,560	$303,635.85
☐	Chemistry Stores	815 Keith Ave	Missoula	1998	4,055	$1,274,178.15
☑	Chemistry/Pharmacy	1350 Mansfield Ave	Missoula	1938	55,212	$18,187,726.20
☑	Clarence R. Prescott House	24 Campus Dr	Missoula	1898	5,707	$1,027,499.55
☑	Clinical Psychology Building	1420 Mansfield Ave	Missoula	1983	5,280	$1,659,102.90
☑	Corbin Hall	1025 Maurice Ave	Missoula	1927	23,190	$7,143,723.30
☐	Craig Hall	1301 Maurice Ave	Missoula	1953	78,116	$19,446,951.30
☐	Craighead Apartments	1900 Maurice Ave	Missoula	1957	77,292	$15,280,340.25
☐	Curry Health Center	634 Eddy Ave	Missoula	1956	56,061	$21,973,429.80
☑	Davidson Honors College	1235 Madeline Ave	Missoula	1996	21,674	$6,631,759.05
☐	Dietert Garden Greenhouse II	Corner of Higgins and Pattee C	Missoula	1999	1,296	$116,665.50
☐	Dietert Garden Pumphouse	Corner of Higgins and Pattee C	Missoula	1998	100	$7,201.95
☐	Dietert Gardens Greenhouse I	Corner of Higgins and Pattee C	Missoula	2002	1,296	$116,665.50

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☐	Dietert Gardens Greenhouse III	Corner of Higgins and Pattee C	Missoula	2004	1,752	$242,881.80
☑	Don Anderson Hall	800 Daly Ave	Missoula	2007	56,005	$17,338,129.20
☐	Dorblaser Storage Garage North	2420 Higgins Ave UM South Ca	Missoula	2012	640	$31,543.05
☐	Dorblaser Storage Garage South	2420 Higgins Ave UM South Ca	Missoula	2012	640	$31,543.05
☐	Dornblaser Concession Stand	2420 Higgins Ave	Missoula	1966	336	$75,616.80
☐	Dornblaser Garage & Storage	2420 Higgins Ave UM South Ca	Missoula		1,344	$28,539.00
☐	Dornblaser Shower/Locker Room	2420 Higgins Ave UM South Ca	Missoula	1970	4,792	$1,078,447.65
☐	Dornblaser Soccer Bleachers	2430 Higgins, UM South Camp	Missoula		8,000	$219,943.50
☐	Dornblaser Ticket Booth	2420 Higgins Ave	Missoula	1969	170	$38,258.85
☐	Duniway Hall	635 McLeod Ave	Missoula	1956	35,964	$7,644,995.40
☐	East Concourse Suites/Concessions	32 Campus Dr	Missoula	1986	9,519	$1,830,220.35
☐	East Dugout	South Ave E	Missoula	2015	820	$153,093.15
☐	Elkhorn Ct. (Office/Shop/Warehouse)	Elkhorn Ct. 247	Missoula	1966	2,995	$539,224.35
☐	Elkhorn Ct. (Warehouse & Shop)	Elkhorn Ct 248	Missoula	1967	5,280	$731,193.75
☐	Elkhorn Ct. Aptmts. (Security Staff)	Elkhorn Ct. 246	Missoula	1972	1,420	$255,659.25
☑	Elrod Hall	640 Keith Ave	Missoula	1921	33,362	$7,414,668.45
☐	Emma B. Lommasson Center	625 University Ave	Missoula	1955	104,533	$25,070,018.40
☐	Family Housing Community Center	K. Ross Toole Project	Missoula	1995	2,700	$536,182.50
☐	Family Housing Maintenance garage	Cinabar Dr. of of South Ave	Missoula	1998	900	$113,428.35
☑	Field Research Station T-142	Fort Missoula Rd	Missoula	1920	13,497	$3,751,467.30
☑	Fine Arts (includes 10/97 remodel)	715 Connell Ave	Missoula	1935	72,069	$20,679,969.45
☑	Forestry	1310 Madeline Ave	Missoula	1921	22,912	$6,209,231.70
☑	Forestry Club Storage Shed	1310 Madeline Ave	Missoula	1966	192	$24,198.30
☑	Forestry Greenhouse	1310 Madeline Ave	Missoula	1951	2,750	$990,232.95
☑	Gallagher Building	925 Maurice Ave	Missoula	1996	125,645	$39,939,349.80
☑	Garage T-15	Post Siding Rd, Fort Missoula	Missoula	1996	830	$104,604.15
☐	Garnet Court Laundry	Garnet Ct., South and Maurice	Missoula	1966	710	$127,831.20
☑	Geology Lab T-156 (cellblock West)	Fort Missoula Rd	Missoula	1943	12,730	$1,853,225.85
☑	Gilkey Business Center	950 Arthur Ave	Missoula	2015	30,836	$3,379,060.65

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☐	Golf Course Cart Barn	515 South Ave E	Missoula	1967	4,786	$603,175.65
☐	Golf Course Clubhouse/Proshop	515 South Ave E	Missoula	1967	3,213	$740,445.30
☐	Golf Course Fertilizer Shed	515 South Ave E	Missoula	2006	313	$9,335.55
☐	Golf Course Locker Room/Storage	515 South Ave E	Missoula	1967	900	$69,716.85
☐	Golf Course Maintenance Shop	515 South Ave E	Missoula	1995	3,731	$470,216.25
☐	Griz Stadium - Ticket Office	32 Campus Dr	Missoula	1986	767	$17,652.60
☐	Griz Stadium Book Store Aid Station	32 Campus Dr	Missoula	1986	767	$176,540.70
☐	Griz Stadium East Club Seating/Restrooms	32 Campus Dr	Missoula	2008	9,131	$4,032,829.50
☐	Griz Stadium North Concession 221	32 Campus Dr	Missoula	1986	695	$193,090.80
☐	Griz Stadium North End Zone Concession	32 Campus Dr	Missoula	1986	2,524	$569,616.60
☐	Griz Stadium SW Corner Restroom Storage	32 Campus Dr	Missoula	1986	4,600	$754,431.30
☐	Griz Stadium W. Concourse NW Restroom Strg.	32 Campus Dr	Missoula	1986	1,733	$435,832.95
☐	Griz Stadium West Concourse & Press	32 Campus Dr	Missoula	1986	11,698	$2,471,554.05
☐	Grizzly Stadium Seating East	32 Campus Dr	Missoula	1986	26,858	$2,792,914.95
☐	Grizzly Stadium Seating North End Zone	32 Campus Dr	Missoula	1986	35,743	$3,716,988.45
☐	Grizzly Stadium Seating South End Zone	32 Campus Dr	Missoula	1986	15,902	$165,367.65
☐	Grizzly Stadium Seating West	32 Campus Dr	Missoula	1986	26,997	$2,808,084.30
☑	Grounds & Labor Building	8 Campus Dr	Missoula	1963	1,732	$218,281.35
☑	Health Sciences	720 Keith Ave	Missoula	1962	63,590	$18,634,591.50
☑	Heating Plant	840 Connell Ave	Missoula	1923	10,160	$5,041,681.05
☐	Interdisciplinary Sciences Building	1414 Maurice Ave	Missoula	2009	61,742	$22,248,139.20
☑	International Center (formerly Linguistics)	700 McLeod Ave	Missoula	1937	6,853	$2,300,636.10
☐	James E. Todd Building	25 Campus Dr	Missoula	1998	32,407	$8,844,915.45
☑	Jeanette Rankin Hall	815 Daly Ave	Missoula	1909	14,586	$4,820,361.00
☐	Jesse Hall	610 Daly Ave	Missoula	1968	87,178	$23,940,439.95
☐	Knowles Hall	630 University Ave	Missoula	1963	63,330	$15,249,995.25
☑	KUFM Pt. 6 (Top of Snowbowl)	TV Mountain Top of Snowbowl	Missoula	1973	607	$81,964.05
☐	Lewis and Clark Villages Unit A	3000 S Higgins	Missoula	2004	18,215	$3,039,804.60
☐	Lewis and Clark Villages Unit B	3000 S Higgins	Missoula	2004	18,215	$3,039,804.60

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☐	Lewis and Clark Villages Unit C	3000 S Higgins	Missoula	2004	18,215	$3,039,804.60
☐	Lewis and Clark Villages Unit D	3000 S Higgins	Missoula	2004	18,215	$3,039,804.60
☐	Lewis and Clark Villages Unit E	3000 S Higgins	Missoula	2004	18,215	$3,039,804.60
☐	Lewis and Clark Villages Unit F	3000 S Higgins	Missoula	2004	18,215	$3,039,804.60
☐	Lewis and Clark Villages Unit G	3000 S Higgins	Missoula	2004	18,215	$3,039,804.60
☐	Lewis and Clark Villages Unit H	3000 S Higgins	Missoula	2004	18,215	$3,039,804.60
☐	Lewis and Clark Villages Unit I	3000 S Higgins	Missoula	2004	18,215	$3,039,804.60
☐	Lewis and Clark Villages Unit J	3000 S Higgins	Missoula	2004	18,215	$3,039,804.60
☐	Lewis and Clark Villages Unit K	3000 S Higgins	Missoula	2004	18,215	$3,039,804.60
☐	Lewis and Clark Villages Unit L (Office)	3000 S Higgins	Missoula	2004	788	$289,243.50
☐	Lewis and Clark Villages Unit M (Community Bldg)	3000 S Higgins	Missoula	2004	1,344	$557,909.10
☑	Liberal Arts	725 Daly Ave	Missoula	1953	101,083	$25,738,935.60
☑	Mansfield Library	910 McLeod Ave	Missoula	1973	216,157	$78,940,832.25
☑	Mathematics	1255 Mansfield Ave	Missoula	1903	21,390	$6,727,403.55
☑	McGill Hall	920 Van Buren St	Missoula	1953	66,158	$15,785,133.00
☐	Miller Hall	1330 Arthur Ave	Missoula	1965	84,615	$18,157,384.35
☑	Missoula College	1205 E Broadway St	Missoula	2017	113,043	$36,556,748.55
☐	Modular IT Building	830 Connell Ave	Missoula	2014	783	$92,910.30
☐	Montana Museum of Art and Culture (MMAC)	795 S 5th St	Missoula		17,136	$1,709,316.00
☑	Motor Vehicle Garage	6 Campus Dr	Missoula	1963	3,973	$500,713.50
☑	Music Hall	930 Maurice Ave	Missoula	1953	41,046	$13,965,946.05
☑	Native American Center (Payne Family)	1210 Maurice	Missoula	2010	28,194	$10,054,488.15
☑	Natural Science Annex	1040 Madiline Ave	Missoula	1938	4,890	$1,778,412.30
☑	Natural Sciences (Botany Building)	1040 Madeline Ave	Missoula	1919	23,070	$6,294,743.70
☑	North Corbin	1025 Maurice Ave	Missoula	1956	14,858	$4,576,990.95
☑	North Underground Lect. Hall	1340 Mansfield Ave	Missoula	1999	9,260	$3,087,341.25
☑	O'Conner Center for Rocky Mountain West (old NAS)	600 University	Missoula	1955	3,149	$566,952.75
☑	Oil Storage Building	3639 S Ave W	Missoula	1973	311	$22,396.50
☐	Outhouse #1	515 South Ave	Missoula	1967	16	$573.30

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☐	Pantzer Hall Dormitory	615 Keith Ave	Missoula	1996	81,333	$20,855,132.55
☐	Parking Structure	35 Campus Dr	Missoula	1996	99,330	$7,251,974.10
☑	Pavilion Restroom	18 Campus Dr	Missoula	1998	319	$67,196.85
☑	Performing Arts & Radio Television	735 S 6th St E	Missoula	1984	69,176	$21,802,653.60
☑	Phyllis J. Washington Education Center	745 Eddy	Missoula	2009	66,905	$28,743,209.25
☑	Physical Plant Building	12 Campus Dr	Missoula	1968	50,897	$6,191,304.00
☑	Radio Telemetry Station (Mount Dean Stone)	Top of Dean Stone Mountain	Missoula	1978	8	$1,080.45
☑	Schreiber Gym	950 Keith Ave	Missoula	1922	39,204	$12,600,521.85
☑	Science Complex - Charles H. Clapp Bldg.	845 Keith Ave	Missoula	1971	104,662	$34,159,053.60
☑	Seismograph Station (Nine Mile)	Nine Mile Rd	Missoula	1978	8	$1,080.45
☑	Seismograph Station (Pattee Canyon)	Pattee Canyon Rd	Missoula	1972	200	$27,006.00
☐	Sisson Apartments	1900 Maurice Ave	Missoula	1957	77,292	$15,280,340.25
☑	Skaggs Building	1325 Mansfield Ave	Missoula	1981	155,356	$49,569,039.45
☑	Social Science	1010 Mansfield Ave	Missoula	1921	81,700	$23,401,166.25
☑	Stone Hall (old Journalism)	825 McLeod Ave	Missoula	1937	32,671	$7,751,195.55
☑	Storage Dwelling T-14	Post Siding Rd Fort Missoula	Missoula	1996	3,515	$442,992.90
☑	Storage Dwelling T-16	Post Siding Rd, Ft. Missoula	Missoula	1996	3,515	$442,992.90
☐	Student Recreation Center	800 Van Buren	Missoula	2001	80,297	$26,429,924.85
☑	Sub Station Switch Gear Building	840 Connell Ave	Missoula		120	$19,303.20
☑	Sweat Lodge Storage Shed	Unnamed Rd off Post Siding Rd	Missoula		96	$6,912.15
☑	Trade & Technology I	3639 S Ave W	Missoula	1972	30,000	$5,539,688.70
☑	Trade & Technology II	3639 S Ave W	Missoula	1977	34,000	$6,278,338.50
☑	Trade & Technology III	3639 S Ave W	Missoula	1973	2,880	$904,968.75
☐	Turner Hall	1105 Maurice Aveneu	Missoula	1938	35,012	$7,829,810.10
☐	University Center	915 Daly Ave	Missoula	1969	187,396	$57,594,697.65
☑	University Hall	900 University Ave	Missoula	1898	36,088	$13,469,428.35
☑	Urey Lecture Hall	1340 Mansfield Ave	Missoula	1980	9,780	$3,254,517.00
☑	Vehicle Storage Building	32 Campus Dr.	Missoula	1965	9,710	$1,223,742.45
☑	Veterans Center (formerly Practical Ethics Center)	1000 E. Beckwith	Missoula		2,016	$254,074.80

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☑	Warehouse #24	32 Campus Dr	Missoula	1955	4,450	$544,243.35
☑	Warehouse #25	10 Campus Dr	Missoula	1955	16,800	$1,973,680.80
☐	Washington Grizzly Chamipion's Center	32 Campus Dr	Missoula	2017	54,002	$5,669,665.05
☐	West Concourse SW Restroom Storage	32 Campus Dr	Missoula	1986	1,748	$438,590.25
☐	West Dugout	South Ave E	Missoula	2015	820	$153,093.15
☐	Yreka Court Laundry	270 Yreka Ct	Missoula	1967	710	$127,831.20
☐	Calving Barn	2381 Woodworth Rd	Ovando		4,032	$235,853.10
☐	Equipment Storage	2381 Woodworth Rd	Ovando		2,413	$296,151.45
☐	Feed Shed #2	2381 Woodworth Rd	Ovando		199	$11,638.20
☐	Hay Shed #1 (bus shed)	2381 Woodworth Rd	Ovando		2,128	$124,478.55
☐	Hay Shed #2 (pond shed)	2381 Woodworth Rd	Ovando		2,020	$118,159.65
☐	Hay Shed #3 (Rocky pt.)	2381 Woodworth Rd	Ovando		1,792	$104,824.65
☐	Hay Shed #4 (S.E. Pivot)	2381 Woodworth Rd	Ovando		1,898	$111,024.90
☐	Horse Barn	2381 Woodworth Rd	Ovando		5,439	$318,156.30
☐	Loafing Shed	2381 Woodworth Rd	Ovando		856	$50,073.45
☐	Log Cabin/Future Office	2381 Woodworth Rd	Ovando		327	$22,932.00
☐	Manager's House 661	2381 Woodworth Rd	Ovando		3,270	$318,156.30
☐	Quonset Garage	2381 Woodworth Rd	Ovando		1,204	$147,769.65
☐	Quonset Loafing Shed (grey)	2381 Woodworth Rd	Ovando		888	$51,943.50
☐	Stock Branding Shed	2381 Woodworth Rd	Ovando		3,310	$193,620.00
☐	Storage Containers	2381 Woodworth Rd	Ovando		300	$9,707.25
☐	Vehicle Shop	2381 Woodworth Rd	Ovando		2,160	$265,099.80
☑	Boat House	32125 Bio Station Ln	Polson	2015	1,760	$209,965.35
☐	Cabin A1	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin A2	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin A3	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin A4	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin B1	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin B15	32125 Bio Station Ln	Polson	1968	172	$12,937.05

☐	Cabin B16	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin B2	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin B3	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin B4	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin B5	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin B6	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin B7	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin C 14 (formerly B14)	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin C10 (formerly Cabin B10)	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin C11 (formerly B11))	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin C12 (formerly B12)	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin C13 (formerly B13)	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin C8 (formerly Cabin B8)	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin C9 (formerly Cabin B9)	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin D 19 (formerly B19)	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin D17 (formerly B17)	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin D18 (formerly B18)	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin E20 (formerly B20)	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin E21 (formerly B21)	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin E22 (formerly B22)	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin E23 (formerly B23)	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin E24 (formerly B24)	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin E25 (formerly B25)	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin E26 (formerly B26)	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin E27 (formerly B27)	32125 Bio Station Ln	Polson	1968	172	$12,937.05
☐	Cabin F1	32125 Bio Station Ln	Polson	1968	550	$41,373.15
☐	Cabin F10 (formerly Cabin F9)	32125 Bio Station Ln	Polson	1968	336	$25,274.55
☐	Cabin F11 (formerly Cabin F10)	32125 Bio Station Ln	Polson	1968	336	$25,273.50
☐	Cabin F2	32125 Bio Station Ln	Polson	1968	336	$25,274.55

☐	Cabin F3	32125 Bio Station Ln	Polson	1968	336	$25,274.55
☐	Cabin F4	32125 Bio Station Ln	Polson	1968	336	$25,274.55
☐	Cabin F5	32125 Bio Station Ln	Polson	1968	336	$25,274.55
☐	Cabin F6	32125 Bio Station Ln	Polson	1968	336	$25,274.55
☐	Cabin F7	32125 Bio Station Ln	Polson	1968	336	$25,274.55
☐	Cabin F8	32125 Bio Station Ln	Polson	1968	336	$25,274.55
☐	Cabin F9 (formerly New Cabin Biostation)	32125 Biostation Ln	Polson	2012	392	$45,928.05
☑	Caretakers Residence - Bio. Stn.	32125 Bio Station Ln	Polson	1968	1,512	$273,395.85
☑	Caretaker's Storage Shed	32125 Bio Station Ln	Polson	1968	172	$12,439.35
☑	Concrete Bunker	32125 Bio Station Ln	Polson	1969	96	$8,641.50
☑	Director's Garage	32125 Bio Station Ln	Polson	1951	840	$53,159.40
☑	Director's Guest House	32125 Bio Station Ln	Polson	1947	192	$34,715.10
☑	Director's Residence	32125 Bio Station Ln	Polson	1967	1,969	$344,022.00
☑	Ecology Bldg. (formerly Botany Lab)	32125 Bio Station Ln	Polson	1947	1,437	$45,550.05
☐	Elrod Laboratory, Yellowbay	32125 Bio Station Ln	Polson	1967	8,467	$2,517,068.40
☑	Fire House	32125 Bio Station Ln	Polson	1951	606	$76,703.55
☑	Fresh Water Research Lab	32125 Bio Station Ln	Polson	1981	5,074	$2,152,456.95
☑	Lakeside Laboratory	32125 Bio Station Ln	Polson	1968	4,410	$1,269,850.05
☐	Latrine 1	32125 Bio Station Ln	Polson	1968	325	$24,446.10
☐	Latrine 2	32125 Bio Station Ln	Polson	1968	374	$28,131.60
☑	Lift Station 1	32125 Bio Station Ln	Polson	1979	116	$8,389.50
☑	Lift Station 2	32125 Bio Station Ln	Polson	1976	250	$18,081.00
☐	Museum	32125 Bio Station Ln	Polson	1968	416	$52,651.20
☐	Prescott Center Cafeteria	32125 Bio Station Ln	Polson	1985	3,901	$919,069.20
☐	Prescott Center Dormitory	32125 Bio Station Ln	Polson	1985	6,094	$1,337,743.05
☐	Research Support Building (Bio-Station)	32125 BIo Station Ln	Polson	2010	3,072	$380,220.75
☑	Shop & Pump House	32125 Bio Station Ln.	Polson	1951	2,510	$317,691.15
☐	Shower & Latrine Building (bath house)	32125 Bio Station Ln	Polson	1981	1,314	$237,595.05
☑	Supply Warehouse	32125 Bio Station Ln	Polson	1949	1,220	$154,418.25

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☐	Tractor Shed (old boat house)	32125 Bio Station Ln	Polson	1951	539	$48,731.55
☑	Waste Water Treatment Plant	32125 Bio Station Ln	Polson	1976	3,198	$1,567,911.45
☑	Zoology Bldg. (formerly Mammology Lab)	32125 Bio Station Ln	Polson	1949	1,220	$38,669.40
UNIVERSITY SYSTEM, UNIVERSITY OF MONTANA - MISSOULA: 408 Buildings			**TOTAL SQ FT: 4,763,742**		**TOTAL CRV:**	**$1,221,499,611.15**

UNIVERSITY SYSTEM, UNIVERSITY OF MONTANA - WESTERN

LRBP-E	BUILDING	ADDRESS	CITY	BUILT	AREA	CRV
☑	Art Annex	1001 S Atlantic St	Dillon	1951	7,055	$403,439.40
☑	Auditorium & Shop	710 S Atlantic St	Dillon	1952	16,040	$4,746,219.45
☐	Bender Center, Birch Creek	Birch Creek in the Pioneer Mou	Dillon	1985	7,016	$1,368,090.15
☐	Benson Shed	Grand View Heights	Dillon		1,500	$85,779.75
☑	Block Hall	710 S Atlantic St	Dillon	1970	41,560	$12,047,455.35
☐	Bridenstine Garage	604 E. Cornell St	Dillon	1941	192	$11,739.00
☐	Bridenstine Residence	604 E. Cornell St	Dillon	1941	1,620	$96,214.65
☑	Business & Technology Building (BTB)`	710 S Atlantic St	Dillon	1924	33,304	$9,673,489.35
☐	Centennial Hall	710 S Atlantic St	Dillon	1964	22,092	$5,000,190.30
☑	Chancellor's Residence	602 E. Poindexter St	Dillon	1957	2,953	$175,379.40
☐	Clark Hall	710 S Atlantic St	Dillon	1967	29,960	$6,759,120.90
☐	Cole Property	10 Grandview Heights	Dillon	1927	1,572	$80,460.45
☐	Concession Stand at Vigilante Field	745 East Center St/Vigilante Fi	Dillon	2006	4,610	$542,204.25
☐	Curious Minds Storage Sheds	710 S Atlantic St	Dillon		276	$15,784.65
☐	Curry Garage	710 S Atlantic St	Dillon	1947	490	$28,019.25
☐	Curry Residence	710 S Atlantic St	Dillon	1947	1,752	$104,051.85
☐	Davis Hall	710 S Atlantic St	Dillon	1959	17,227	$3,600,967.65
☑	Engineer's Cottage	710 S Atlantic St	Dillon	1925	1,560	$92,648.85
☑	Equine Studies	710 S Atlantic St	Dillon	1945	1,000	$111,553.05
☐	Family Housing	710 S Atlantic St	Dillon	1958	19,960	$2,127,995.10
☑	Heating Plant & Garage	710 S Atlantic St	Dillon	1926	8,516	$1,450,278.90
☐	Jordan Hall	750 E Cornell St	Dillon	1958	10,172	$690,425.40
☐	Kurtz Residence	534 E Poindexter St	Dillon	1960	1,714	$101,795.40
☑	Library Administration	710 S Atlantic St	Dillon	1969	38,935	$12,353,642.70
☑	Main Hall Building	710 S Atlantic St	Dillon	1896	76,626	$40,748,953.35
☐	Matthews Hall	710 S Atlantic St	Dillon	1919	66,091	$16,795,414.65
☐	Motor Pool Garage	528 E Poindexter St	Dillon	2018	800	$30,265.20
☑	Old Library Building	710 S Atlantic St	Dillon	1924	19,292	$2,696,834.70

UNIVERSITY SYSTEM, UNIVERSITY OF MONTANA - WESTERN

☐	Osborne Residence (Health Education Center)	710 S Atlantic St	Dillon	1954	926	$120,990.45
☐	Osborne Residence Garage (Facilities Services)	710 S Atlantic St	Dillon		384	$21,958.65
☐	Physical Ed Building	710 S Atlantic St	Dillon	1975	73,240	$21,385,140.00
☑	Plumbing Storage Shed	710 S Atlantic St	Dillon	1974	864	$49,406.70
☑	Roe Mansion	710 S Atlantic St	Dillon	1912	5,988	$978,419.40
☐	Smith House	528 E Poindexter St	Dillon	1952	1,729	$198,640.05
☐	South Campus Housing	434 E Poindexter St	Dillon	1954	3,940	$438,425.40
☐	Student Union Building	710 S Atlantic St	Dillon	1958	15,530	$2,238,912.90
☑	Swysgood Technology Center (STC)	710 S Atlantic St	Dillon	2002	24,361	$7,428,459.15

UNIVERSITY SYSTEM, UNIVERSITY OF MONTANA - WESTERN: 37 Buildings **TOTAL SQ FT: 560,847** **TOTAL CRV: $154,798,765.80**

STATE-WIDE FACILITY INVENTORY SUMMARY

STATE-WIDE TOTAL SQUARE FEET: 23,746,307

STATE-WIDE TOTAL CURRENT REPLACEMENT VALUE: $5,769,830,769.40