

# Biennial Report to the Montana Preservation Review Board

on the Stewardship, Status and Maintenance Needs of the Heritage  
Properties of Montana State University

For the Reporting Cycle 2022 – 2023

February 26, 2024



In Compliance with Montana Code Annotated 22-3-424 (4)  
Montana State Antiquities Act

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## EXECUTIVE SUMMARY

### Stewardship Efforts

Montana State University is the steward for nearly 90 designated heritage buildings, for which biennial reporting is required in accordance with the state's MCA 22-3-422 (6). This report for the calendar years 2022 and 2023 demonstrates MSU's commitment to their heritage properties and documents the properties' standings in terms of integrity, status, condition, and funding.

This report documents efforts to preserve the places that matter and to publicize these efforts. MSU has seventeen established heritage properties (this includes ten buildings and seven historic districts each with several buildings, sites, structures, and objects). MSU's flagship Bozeman campus has thirty-four designated heritage buildings, five sites, and three objects within the historic district, and one heritage building – the Brick Breeden Fieldhouse – outside the historic district. The MSU-Billings campus has five individual heritage buildings. MSU-Northern in Havre has three designated heritage buildings.

MSU also has five Agricultural Research Center sites managed by MAES and dispersed throughout the state. Of these sites, two are located on the sites of forts that were used to protect the adjacent cities (among other functions) and were thus well poised to house agriculture experiment stations when the forts were decommissioned. The first MAES site is at Fort Ellis east of Bozeman, with thirteen heritage buildings, fourteen structures, and one archeological site. The second MAES site is at Fort Assiniboine six miles south of Havre, with twenty heritage buildings, fourteen sites, five structures, and three objects in a National Register Historic District nominated for its national significance (all under the umbrella of one Smithsonian number).

MSU's total stewardship efforts during this reporting period cost \$10,987,063.40 (see Appendix A).

MSU has identified nearly \$54,333,000 in specific preservation projects and maintenance needs for our heritage buildings. An additional \$7,000,000 has been identified for specific maintenance and rehabilitation projects for buildings which are older than fifty years old and might be considered eligible for listing in the National Register of Historic Places.

### MSU'S HERITAGE BY THE NUMBER

**7 Historic Districts, which include:**

- **82 Buildings**
- **19 Sites**
- **19 Structures**
- **6 Objects**

**40 Individual Heritage Buildings (each has their own Smithsonian Number, including the 30 numbered buildings in the MSU-Bozeman Historic District)**

## Heritage Determination and Consultation with SHPO

All the Montana University System entities are required to report on their heritage properties (which have been assigned Smithsonian numbers) and to consult with the State Historic Preservation Office (SHPO) for projects proposed for all buildings older than fifty years. (See Appendix B for a listing of all MSU properties equal to or greater than fifty years old.) Per MCA 22-3-424, Duties of State Agencies (2) agencies are to “identify and develop, in consultation with the historic preservation officer, methods and procedures to ensure that the identification and protection of heritage properties and paleontological remains on lands owned by the state are given appropriate consideration in state agency decision making.” This applies to all the campuses and to all proposed construction – whether managed by MSU Planning Design & Construction (PDC) or the State’s Architecture & Engineering (A&E (Architecture & Engineering)) Division of the Department of Administration.



*Figure 1: The Brick Breeden Fieldhouse at MSU-Bozeman. Frank Jay Haynes Family Photographs & Papers, #1507-000691, Burlingame Special Collections, c. 1957. Facing southeast.*

During the 2022-2023 reporting period, five additional MSU buildings have been determined eligible for listing in the National Register of Historic Places. MSU will complete Architecture/Engineering Record (AE-R) forms for identified heritage buildings in conjunction with repairs and other projects which will affect any identified heritage buildings.

1. College of Education – (MSU-Billings)
2. Leon Johnson Hall (MSU-Bozeman)
3. Sherrick Hall (MSU-Bozeman)
4. Bobcat Stadium, East Bleachers, Sections 130, 155, 161-165, (MSU-Bozeman)

## 5. FS Grounds Greenhouse (MSU-Bozeman)

In addition, MSU has entered into a Memorandum of Agreement with MT SHPO regarding the Southern Agricultural Research Center (SARC).



*Figure 2: MSU-Northern's Donaldson Hall, north elevation. Photograph by Becki D. Miller, 07 April 2021.*

## INTRODUCTION

### General

Montana State University (MSU) submits this report in accordance with the Montana Antiquities Act (MCA 22-3-421 to 22-3-442) requirement for reporting on the stewardship of heritage properties owned by the state.

Section 22-3-421 defines heritage property “as any district, site, building, structure, or object located upon or beneath the earth or under water that is significant in American history, architecture, archaeology, or culture.” These are properties for which both MSU and the State Historic Preservation Office concur are heritage. When not in agreement as to the heritage status of the property, it is considered “unresolved.”

### Methodology

MSU-Bozeman Planning, Design & Construction prepared this biennial report for the 2022-2023 cycle.

Property Record forms have been updated for the Julia Martin Apartments and the MSU Facilities Yard due to future development plans and current projects to improve the safety of existing facilities. Two Property Record Forms have been updated for this reporting cycle, including those of the Julia Martin Apartment complexes at MSU Bozeman and the Facilities Yard at MSU Bozeman.

This report follows the order and content stated in the MCA 22-3-424 (4) (A, B, C, D, E) and has been reviewed by MSU’s department of Planning, Design & Construction.

### MSU-Bozeman’s Stewardship Process

MSU-Bozeman has an established procedure for reviewing the condition of their properties. The process is integral to their regular building assessments. Trained staff see all the buildings on a three-year cycle, by inspecting two buildings on campus each month. The university’s consistent Facility Condition Inventory (FCI) guides the process. The inspection includes the trades groups, planning staff, and construction manager, who documents the findings in a written report.

The other MSU campuses and MAES similarly ask staff to examine their buildings, both heritage and non. The reports reflected are used to generate requests for needed funding.



22-3-424 (4)(A)

## MONTANA STATE UNIVERSITY RESOURCES

### General

Montana State University is comprised of four main campuses – at Bozeman, Billings, Great Falls College, and Havre (Northern) – and the following research centers, listed here to increase familiarity with them. These centers are referred to as “ag stations” that are part of the College of Agriculture and Montana Agricultural Experiment Station (MAES):

- ~ CARC: Central Ag Research Center (in Moccasin)
- ~ EARC: Eastern Ag Research Center (in Sidney)
- ~ Fort Ellis, approximately 3.5 miles east of Bozeman
- ~ HORT: Bozeman Horticulture Center at Bozeman Agricultural Research and Teaching Farm (BART)
- ~ LUTZ: Lutz Farm (11 miles northeast of Bozeman)
- ~ NARC: Northern Ag Research Center (at Fort Assinniboine in Havre)
- ~ NWARC: Northwestern Ag Research Center (in Kalispell)
- ~ SARC: Southern Ag Research Center (in Huntley)
- ~ VET: Bozeman Veterinary
- ~ WARC: Western Ag Research Center (in Corvallis)
- ~ WTARC: Western Triangle Ag Research Center (in Conrad)

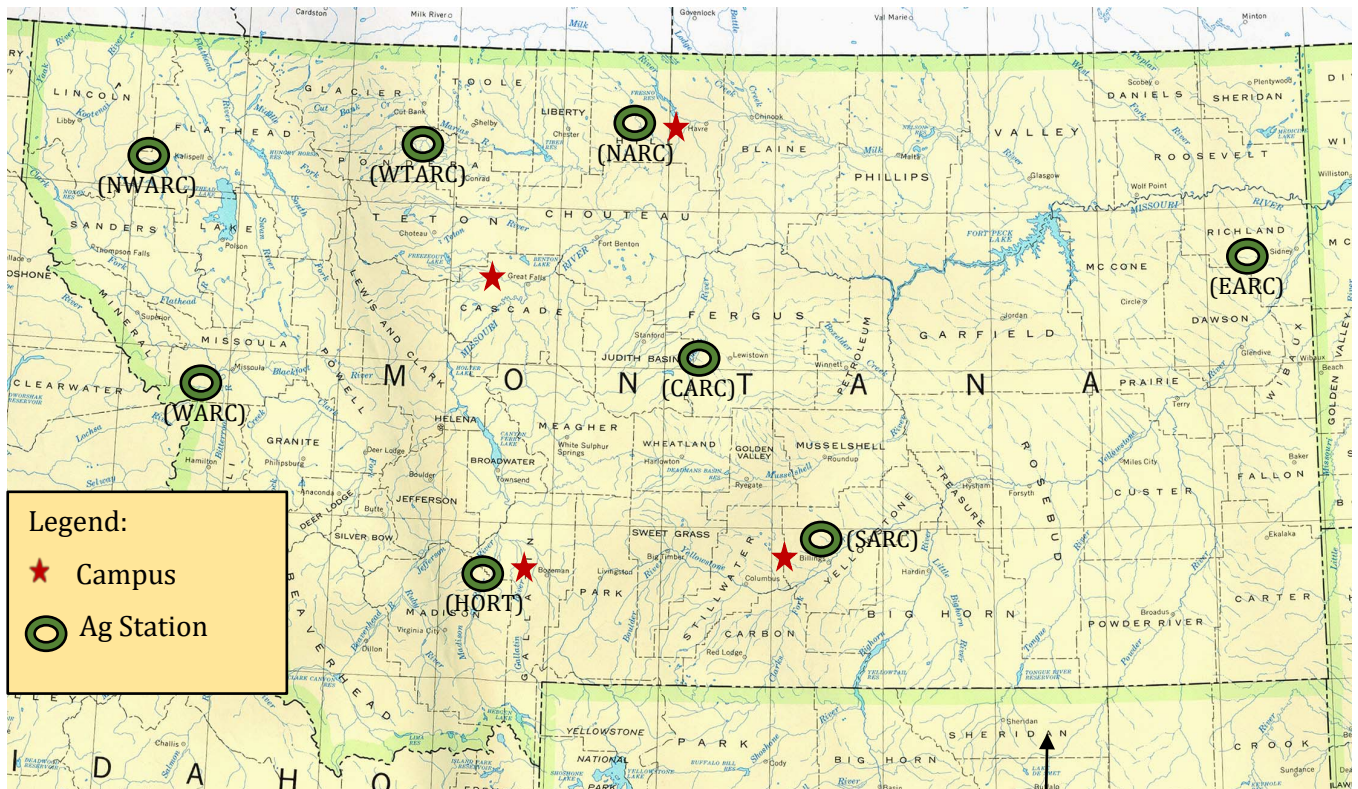


Figure 3: Map of Montana, depicting campus and agriculture station locations.

The research centers are an integral part of the origin and definition of this land grant institution, in fulfilling the agricultural research component explicitly stated in the establishment of (what became known as) MSU in 1893. Some centers are on old private ranchland, two on old forts, and one (SARC) is an old BLM demonstration farm.

Appendix B contains all documented heritage properties on the MSU campuses.

## 22-3-424 (4)(B)

### PROPERTY STATUS AND CONDITION

#### General

The status and condition of each of the properties with Smithsonian numbers is included in the table in Appendix A: Condition and Stewardship Spreadsheet.

Montana State University maintains databases to track work required and work completed on properties. They have a substantial department of in-house expertise to work on all the buildings of the main campuses. As a result, the buildings are generally in good condition. We have used the condition definitions – for excellent, good, etc. – as defined by SHPO in “Montana State-Owned Heritage Property Reporting Form Instructions and Definitions.” While MSU dedicates a lot of time and energy to routine maintenance of their buildings, few are considered to be in “excellent” condition, since this would imply that no maintenance is required.

#### MSU-Bozeman

##### Condition & Integrity

The integrity, status, and condition of the MSU-Bozeman buildings is similar to those listed in the prior reporting cycle. A project of note would be the Lewis Hall Roof Replacement.

The Lewis Hall clay tile roof was failing and required replacement with a cool roof system to prevent ice damaging issues that plagued the former roof system. New metal roof tiles which look identical to the historic roof were installed which offer improved longevity and protection of the structure for years to come. The project increased the roof profile of Lewis Hall by 3.5 inches, but from ground level this change is not perceivable.

##### Status

The status of the Lewis Hall Roof Replacement is “No Adverse Effect” after SHPO consultation.

##### Adverse Effects

There are no adverse effects to report for MSU-Bozeman.

## MSU-MAES

### Condition, Integrity & Status

The integrity, status, and condition of the agriculture buildings at all of the MAES sites remains unchanged since the last reporting cycle.

### Adverse Effects

None.

## MSU-Northern

### Condition, Integrity & Status

The integrity, status, and condition of the MSU-Northern buildings remain consistent with the last reporting cycle.

### Adverse Effects

None.

## MSU-Billings

### Condition, Integrity & Status

The integrity, status, and condition of the MSU-Billings' buildings remain consistent with the last reporting cycle.

### Adverse Effects

None.

## 22-3-424 (4)(C)

## HERITAGE SITE STEWARDSHIP EFFORTS

### General

Montana State University is a collection of state-owned buildings on campuses that are similar to towns and cities, in that they operate and maintain infrastructure. In addition to the typical infrastructure of refuse collection and recycling, parking and transportation systems and facilities, performance venues, heating and cooling, sewer and water, irrigation, tree maintenance, snow removal, outdoor public art and memorials, this includes generation and distribution of power. It is all encompassing and requires dedicated and trained design, facilities, planning, and maintenance staff.

MSU's maintenance philosophy is directed at preventing unexpected and catastrophic failure of building systems and components. Therefore, approximately half of the annual maintenance budget is comprised of preventive and corrective scheduled and major maintenance. The balance combines custodial (the day-to-day cleaning) and infrastructure and ground maintenance. University Services' mission is to keep the institution operational, comfortable, safe, and aesthetically appealing.

Stewardship efforts undertaken by the University to improve the status of state-owned heritage properties is demonstrated by the \$10,987,063.40 expended in managing the historic integrity and condition of the buildings (\$1,009,356.89 for administration and operations; \$2,036,367.26 for heritage rehabilitation; \$6,478.18 for heritage reporting efforts; and \$7,944,861.07 for routine maintenance). All stewardship efforts increase the value of heritage properties by insuring continued safe and comfortable use of the buildings. This is often a delicate balance between embracing the historic significance of the building and providing sufficient code compliance. MSU has the good fortune of a stable student population and the concomitant continued need for these public buildings it is entrusted with.

## 22-3-424 (4)(D)

### MAINTENANCE NEEDS

#### General

MSU is a dynamic and expanding institution of higher education. The four campuses and MAES operations form one university, but each entity has some autonomy in managing their operational responsibilities. The institution's mission is the same for all campuses: to educate students, create knowledge and art, and serve communities by integrating learning, discovery and engagement. Stewardship of buildings, and by extension, preservation of facilities, is included in the University's missions, goals, and strategies.

MSU systematically tracks maintenance needs using MSU's FCI (Facilities Condition Inventory), a desktop computer application for collecting and tracking observable deferred maintenance needs. As a cyclical process, data is available on all state-funded buildings relative to their condition as well as the system and building components that require repair or replacement. Additionally, MSU-Bozeman's Planning, Design and Construction (PDC) department maintains a Capital Project List that collects information on major maintenance projects such as roof replacements, building mechanical systems, as well as architectural preservation. All of this data is valuable and useful in preparing lists of priority projects for the Long-Range Building Program (LRBP) reviewed by the State Legislature.



*Figure 4: Physical Education Building (Alterowitz) at MSU-Billings. January 2020.*

## MSU-Campuses & MAES

Project estimates for prioritized maintenance and stewardship needs are on the Condition and Stewardship Spreadsheet (Appendix A) – for the heritage buildings on the stated campuses and agricultural stations. The projects that are included in Appendix A and listed below are listed as high priorities in the Long-Range Building Program submitted for Legislative review as part of the governor’s budget.

Additional projects are listed below for non-heritage buildings that are more than fifty years old and have not had a Determination of Eligibility (DOE) prepared yet. Those that require a DOE are indicated below. Many of the projects have a code-compliance component. None of these buildings are endangered and the status of all are ranked “satisfactory.” In descending order of priority, the projects are as follows:

### CAPITAL DEVELOPMENT PROJECTS

1. Montana State University - Bozeman  
Lewis Hall Renovation  
Renovate Lewis Hall to comprehensively improve and modernize Lewis Hall to optimize space utilization, correct life-safety and code deficiencies, retire extensive deferred maintenance, and ensure complete public accessibility  
.Requested funding: \$31,500,000
2. Montana State University - Northern  
Hagener Science Center Infrastructure & Life-Safety  
Modernize existing instructional labs in Hagener Hall, and address needed upgrades to critical MEP and fire/life-safety systems.  
Requested funding: \$3,100,000

Note: This project will require a Determination of Eligibility for this building built in 1966 per the design of Page & Werner.

3. Hamilton Hall 3<sup>rd</sup> & 4<sup>th</sup> Floor Renovation  
Comprehensively improve and modernize Hamilton Hall’s 3<sup>rd</sup> and 4<sup>th</sup> floors to optimize space utilization, correct life-safety and code deficiencies, retire extensive deferred maintenance, and complete a full renovation of the building, beginning with the 1<sup>st</sup> and 2<sup>nd</sup> floors in 2010.

### MAJOR REPAIR PROJECTS

4. Montana State University - Bozeman  
Montana Hall Life-Safety Renovation  
Requested Funding: \$2,400,000
5. Montana State University – Bozeman  
Facilities Yard Deferred Maintenance

6. Requested Funding: \$2,491,000 Montana State University -  
Northern  
Cowan Hall Roof Replacement  
Requested funding: \$1,170,000

7. Montana State University - Bozeman  
Taylor Hall Envelope Restoration  
Requested funding: \$2,488,000



## 22-3-424 (4)(E)

### AGENCY COMPLIANCE / HERITAGE RESOURCE MANAGEMENT

#### General

Despite personnel turnover at MSU-Bozeman, staff has strived for many years to work with SHPO to understand and comply with the consultation process. This relationship and the importance of consultation is understood by MSU and will be maintained going forward.

#### MSU's Heritage Building and Site Policy; Board of Regents Policy

##### Status

MSU's two documented policies relating to treatment of heritage properties have not been updated.


##### Recommendation

MSU's Heritage Building and Site Policy, and the Board of Regents' Policy 1003.5 should be updated to prevent misunderstandings related to projects planned for heritage properties on all MSU campuses. The Board of Regents oversees the entire Montana University System (MUS) in an autonomous manner. MSU's PDC, and the facilities departments of the other MUS institutions, have no ability to promote or enact modifications to BOR policies. Suggestions for changes in BOR policy might be better received and enacted upon if they originated from the SHPO's office.

A broader MOA (Memorandum of Agreement) that encompasses the entire MUS system, in consort with SHPO and the State A&E Division, would be an ideal vehicle to formalize a compliant procedure for all MSU campuses and MAES buildings. Emphasis should be placed on training the appropriate facilities managers at all campuses, to ensure timely and beneficial consultation with SHPO.

#### SHPO Consultations

##### General

Eric Newcombe, Peter Brown, and Lindsay Tran of the MT SHPO confirmed the occurrence of the following consultations for which "no adverse effect" was <sup>1</sup>determined. 

##### Consultations

###### MSU-Bozeman

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<sup>1</sup> Eric Newcombe, email to Lesley Gilmore, 15 September 2021.

1. Facilities Yard
2. Julia Martin Apartment Complexes
3. Poultry Barn
4. Roberts Hall

### Efforts to Identify Potential Heritage Properties

Buildings older than fifty years old are identified through MSU's database and other research repositories.

### Heritage Property Management Training

MSU does not provide heritage property management training. This is one of the major challenges in identifying, evaluating, reporting, and protecting our state-owned heritage properties. Funding for such a position has not been available to MSU, given the many demands upon their professional staff. <sup>(66)</sup>

## APPENDICES

A: MSU Heritage Property Condition and Stewardship Spreadsheet

B: List of MSU Buildings 50 Years of Age and Older



Appendix A  
 CONDITION AND STEWARDSHIP SPREADSHEET  
 MONTANA STATE UNIVERSITY

					Condition, Integrity and Status						Stewardship Effort and Cost					
Smith-Trinomial Number	City in Montana	Building or Site Name	Gross Square Feet	Historic Use	Current Use	NHL or NRHP Status	Property Integrity	Property Status	Property Condition	Property Administration/ Operations (property specific)	Heritage Restoration/ Rehabilitation/ Repair Project Activity (SOI Standards)	Heritage Preservation/ Protection Project Activity	Heritage Research/ Documentati on Project Activity	Regular / Routine Maintenance	Prioritized maintenance and stewardship needs	Prioritized maintenance & stewardship ranking (1-Highest to 5- Lowest)
1	24GA0336	Bozeman	Hapner Hall	95,358	Woman's Residence Hall	Woman's Residence Hall	NRHP	Good	Satisfactory	Good	\$2,487.32			\$270,669.40		5
2	24GA1629	Bozeman	Heating Plant	11,113	Heating Plant for Campus	Heating Plant for Campus	NRHP	Good	Satisfactory	Good	\$222,763.01			\$717,234.78		5
3	24GA1681	Bozeman	AJM Johnson Hall	42,268	Academic Labs and Classrooms	Academic Labs and Classrooms	NRHP	Fair	Satisfactory	Good	\$4,179.66			\$799,609.39		3
4	24GA1763	Bozeman	Strand Union Building	180,898	College Student Union	College Student Union	NRHP	Fair	Improving	Good	\$25,528.84	\$115,079.21		\$752,963.06		4
5	24GA1795	Bozeman	Brick Breeden Fieldhouse	184,453	Field House	Field House	NRHP Eligible	Good	Satisfactory	Good	\$51,779.82	\$663,709.27		\$687,025.48		5
6	24GA1796	Bozeman	Danforth Chapel	1,560	Chapel	Non-Denominational Sacred Place	NRHP	Good	Satisfactory	Fair				\$1,753.60		5
7	24GA1797	Bozeman	Langford Hall	107,960	Men's Residence Hall	Men's Residence Hall	NRHP	Fair	Satisfactory	Good	\$2,109.82			\$209,641.91		5
8	24GA1798	Bozeman	Reid Hall	90,982	Academic Classrooms and Offices	Academic Classrooms and Offices	NRHP	Excellent	Satisfactory	Good	\$1,128.66			\$203,273.01		2
9	24GA1799	Bozeman	McCall Hall	10,591	Academic Labs and Offices	State Agency Labs and Offices	NRHP	Excellent	Satisfactory	Good	\$2,195.62			\$44,909.85		5
10	24GA1871	Bozeman	Hamilton Hall	28,012	Woman's Residence Hall	Academic Classrooms and Offices	NRHP	Good	Satisfactory	Good	\$1,438.32	\$63,429.89		\$155,544.21	\$8,100,000	1
11	24GA1872	Bozeman	Hannon Hall	90,240	Woman's Residence Hall	Woman's Residence Hall	NRHP	Excellent	Satisfactory	Good	\$2,207.32	\$19,237.56		\$170,212.02		5
12	24GA1873	Bozeman	Hedges Complex	282,761	Residence Hall, Dining Hall and Auxiliaries Administration Offices	Residence Hall, Dining Hall & Auxiliaries Administration Offices	NRHP	Fair	Improving	Good	\$2,827.50			\$693,751.49		5
13	24GA1874	Bozeman	Herrick Hall	41,285	Academic Classrooms, Labs and Offices	Academic Classrooms, Labs and Offices	NRHP	Excellent	Satisfactory	Good	\$2,209.57	\$66,874.77		\$197,871.06		2
14	24GA1877	Bozeman	Lewis Hall	46,233	Academic Labs, Classrooms and Offices	Academic Labs, Classrooms and Offices	NRHP	Good	Satisfactory	Good	\$2,672.44	\$1,531.44		\$211,548.27	\$31,500,000	1
15	24GA1878	Bozeman	Linfield Hall	82,998	Academic Labs, Classrooms and Offices	Academic Labs, Classrooms and Offices	NRHP	Good	Satisfactory	Good	\$43,152.33			\$195,683.74		4
16	24GA1879	Bozeman	Montana Hall	39,655	First Classrooms, Labs, Library and Admin Offices	Executive Admin and Finance Offices, Registrar	NRHP	Good	Unresolved	Good	\$3,713.32			\$273,804.07	\$2,400,000	1
17	24GA1880	Bozeman	Plew Building	18,086	Physical Plant Administration Offices and Utilitarian Shop	Facilities Services Administration Offices	NRHP	Good	Satisfactory	Good	\$176,053.59		\$6,478.18	\$600,139.54	\$2,491,000	1
18	24GA1881	Bozeman	Atkinson Quadrangle	42,682	Woman's Residence Hall	Residence Hall	NRHP	Excellent	Satisfactory	Good		\$3,259.55		\$128,171.94		5
19	24GA1882	Bozeman	Renne Library	161,115	Academic Library	Academic Library	NRHP	Good	Satisfactory	Good	\$4,677.06			\$788,504.63		3
20	24GA1883	Bozeman	Roberts Hall	76,057	Academic Labs, Classrooms and Offices	Academic Labs, Classrooms and Offices	NRHP	Good	Satisfactory	Good	\$2,045.07	\$166.25		\$69,534.06		3
21	24GA1884	Bozeman	Romney Hall	73,109	Gymnasium	Academic Classrooms and Offices	NRHP	Fair**	No Comment**	Good**	\$12,949.66	\$768,598.45		\$166,298.43		5
22	24GA1885	Bozeman	Roskie Hall	92,662	Residence Hall	Residence Hall	NRHP	Fair	Satisfactory	Good	\$2,588.82			\$258,684.74		5
23	24GA1887	Bozeman	Taylor Hall	9,936	Academic Labs, Classrooms, Offices and Residence	Academic Offices	NRHP	Good	Satisfactory	Good	\$2,127.82	\$13,529.73		\$26,736.08	\$2,488,000	1
24	24GA1889	Bozeman	Traphagen Hall	37,234	Academic Labs, Classrooms and Offices	Academic Labs, Classrooms and Offices	NRHP	Excellent	Satisfactory	Good	\$39,457.32			\$296,991.28		3
25	24GA1892	Bozeman	Wool Laboratory	7,450	Academic Labs and Offices	Academic Labs and Offices	NRHP	Excellent	Satisfactory	Good				\$2,979.02		3
26	24GA2011	Bozeman/BART	Miller Livestock Pavilion #432	22,701	Livestock Pavilion	Livestock Pavilion	NRHP Eligible	Good	Satisfactory	Good		\$310,951.14		\$21,326.01		5
27	24YL1860	Billings	Apsaruke Hall	20,254	Men's Residence Hall	Academic Labs, Classrooms and Offices (Nursing School)	NRHP Eligible	Excellent	Satisfactory	Good	\$399,064.00					2
										\$1,009,356.89	\$2,026,367.26	\$0.00	\$6,478.18	\$7,944,861.07	\$46,979,000	
							Heritage Restoration / Rehabilitation / Repair & Documentation Project Activity TOTAL			\$2,032,845.44						
							All Stewardship, Administration, Operations and Routine Maintenance Expenditures TOTAL			\$10,987,063.40						

<b>Montana State University Buildings Greater Than or Equal to 50 Years Old</b>				
<b>Smith. Number</b>	<b>Building Name</b>	<b>Construction/ Occupancy Date</b>	<b>Building Number</b>	<b>Gross Area (s.f.)</b>
MSU - Bozeman <sup>1</sup>				
24GA1893	MSU Historic District	1893-1967		
	MSU Campus Cultural Landscape (site)	1893-1967		
	Danforth Park Iris Garden (site)	1926; 1952		
	Lewis & Clark Field (site)	1915		
	Harrington Park Duck Pond (site)	1914		
	Romney Green/Romney Oval (site)	1920		
	"Untitled" bronze sculpture (object)	1960		
	Gatton Field Gate (object)	1930		
	Territory-State Dedication Marker (object)	1914		
24GA0336	Hapner Hall	1959	336	95,524
24GA1629	Heating Plant	1922	303	11,616
24GA1681	AJM Johnson Hall	1954	113	41,622
24GA1763	Strand Union Building	1939;1957;1967; etc.	304	191,407
24GA1796	Danforth Chapel	1952	313	1,560
24GA1797	Langford Hall	1960	338	104,301
24GA1798	Reid Hall	1959	115	90,982
24GA1799	McCall Hall	1952	112	10,528
24GA1871	Hamilton Hall	1910	301	28,013
24GA1872	Hannon Hall	1955	331	90,748
24GA1873	Hedges Complex	1965-1967		
24GA1874	Herrick Hall	1926	109	41,286
24GA1876	Johnstone Center	1955	330	136,204
24GA1877	Lewis Hall	1923	103	44,188
24GA1878	Linfield Hall	1909;1953	104	69,938
24GA1879	Montana Hall	1898	101	35,595
24GA1880	Plew Building	1952	316	18,086
24GA1881	Atkinson Quadrangle	1934		
	Quad A Residence Hall	1934	370	6,866
	Quad B Residence Hall	1934	371	6,937
	Quad C Residence Hall	1934	372	7,381
	Quad D Residence Hall	1934	373	7,488
	Quad E Residence Hall	1934	374	7,009
	Quad F Residence Hall	1934	375	6,989
24GA1882	Renne Library	1949;1960	111	158,895
24GA1883	Roberts Library	1922	107	49,717
24GA1884	Romney Hall	1922	105	57,560
24GA1885	Roskie Hall	1967	344	92,663

<sup>1</sup> Smithsonian number provided for buildings with individual Property Record Forms, listed in ascending number order. Those buildings without Smithsonian numbers are listed alphabetically.

<b>Montana State University Buildings Greater Than or Equal to 50 Years Old</b>				
<b>Smith. Number</b>	<b>Building Name</b>	<b>Construction/ Occupancy Date</b>	<b>Building Number</b>	<b>Gross Area (s.f.)</b>
24GA1887	Taylor Hall	1894	108	9,938
24GA1889	Traphagen Hall	1919	102	37,433
24GA1892	Wool Laboratory	1947	405	7,450
	1605 South 5th	1957	538	1,043
	1102 South 6th	1950	526	4,411
	1106 South 6th	1950	527	1,854
	Ag Artificial Insemination & Classroom	1968	430	
	Ag Calving Building #1	1968	428	
	Ag Calving Building #2	1968	453	
	Ag Horse Barn	1969	443	
	Ab Little Working Facility	1968	429	
	Agronomy Field House	1934	610	1,468
24GA1795	Brick Breeden Fieldhouse (individual)	1958	114	184,452
	Brick Breeden Fieldhouse Storage Building	1967	345	
	Cobleigh Hall	1970	119	
	Deer Street	1957	562	6,760
	Facilities Butler Building	1958	319	4,328
	Facilities Carpenter Shop	1969	442	
	Facilities Conference Room Quonset	1946	328	971
	Facilities Custodial Lamp Storage	1951	349	971
	Facilities Custodial Quonset	1946	326	1,050
	Facilities Custodial Storage Quonset	1946	327	971
	Facilities Electricians' Quonset	1946	322	2,009
	Facilities Equipment Garage	1947	348	4,954
	Facilities Grounds Greenhouse	1973	347	1,487
	Facilities Grounds North Storage	1959	420	384
	Facilities Grounds Shop	1960	339	2,406
	Facilities Grounds South Storage	1961	427	500
	Facilities Heat Plant Storage Quonset	1950	312	1,923
	Facilities Laborers' Quonset	1946	324	2,009
	Facilities Motor Pool Garage	1952	314	6,715
	Facilities Paint Booth/Shop	1947	309	2,399
	Facilities Plumbers' Quonset	1946	323	2,009
	Facilities Preventive Maintenance Quonset	1946	325	2,009
	Facilities Refrigeration Quonset	1946	321	2,009
	Facilities Storage Quonset	1951	350	971
	21 Faculty Court	1957	533	1,043
	22 Faculty Court	1957	534	1,043
	23 Faculty Court	1957	535	1,043
	24 Faculty Court	1957	536	1,043
	25 Faculty Court	1957	537	1,043
	Family Housing Office Building	1968	524	

<b>Montana State University Buildings Greater Than or Equal to 50 Years Old</b>				
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	Feed Lot Pole Barn	1968	466	
	Fox Street Houses (23)	1957	564	15,548
	Glacier Court Houses (42)	1957	563	28,392
	Gopher Street Houses (7)	1957	567	4,732
	Grain Bin in front Horse Barn	1969	697	
	Hay Shed Pole Barn	1968	455	
	North Hedges Residence Hall	1965	343	144,080
	South Hedges Residence Hall	1965	340	137,700
	Roy E. Huffman Building	1969	441	
	Jefferson Court	1957	560	14,196
	Kellogg Center	1944	630	3,704
	Leon Johnson Hall	1972	120	117,142
	Peter Koch Tower Apartments	1968	520	
	Marsh Laboratory	1961	116	31,018
24GA2308 24GA2309	101 East Julia Martin Drive Apartments	1968	523101 - 523111	
	Melvin Graduate Arts Studios	1968	433	
	Miller Dining Hall	1964	341	46,624
	Poultry Barn - Vacant	1943	631	6,837
	Sherrick Hall	1973	122	18,791
	South 15 <sup>th</sup> Street Houses (10)	1957	566	6,760
	SOB Barn	1924	608	10,919
	Stadium Bleachers - East	1973	155	24,790
	Nelson Story Tower Apartments	1968	521	
	Swingle Health Center	1957	346	22,213
	Oscar Thomas Nutrition Center	1968	434	
	Oscar Thomas Nutrition Center Grow Safe Equip	1968	431	
	Oscar Thomas Nutrition Ctr Open Hay Shed	1968	454	
	Oscar Thomas Nutrition Ctr Feed Tanks (6)	1968	461	
	West Garfield Street Houses (2)	1957	565	1,352
<b>MSU - Northern</b>				
24HL1382	MSU Northern Gymnasium	1955	11	58,028
	Cowan Hall	1949	10	67,801
24HL1693	Donaldson Hall	1936	3	32,745
	Hagener Science Center by Page and Werner	1966	29	41,971
	Metals Technology	1945	5	11,211
24HL1654	Pershing Hall	1932	2	14,360
	Morgan Hall by Oswald Berg	1957		
	Student Union Building by Max Kuhr	1958		
	Advanced Fuels	1951		



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	New Physical Plant by Max Kuhr	1966	28	
	Electronics Building by Kuhr and Davidson	1968	30	
	MacKenzie Hall - Women's dorm by Kuhr & Davidson	1971		
	7 temporary single-story frame residences (Moved from Chester)	Pre-1957 (c.1947)		
	2 campus houses designed by O. Berg, built by students (on Buttrey Drive)	1957-1960		
	Married student housing - 2	1960		
	Married student housing - 3	1961		
	Engineering Technology & Industrial Arts Building (Brockmann Center) by Page & Werner	1970		
<b>MSU - Billings</b>				
24YL2054	McMullen Hall	1935	1	55,026
24YL1860	Apsaruke Hall	1957	7	20,254
24YL1861	P.E. Building (Alterowitz)	1961	8	112,997
24YL1859	Academic Support Center <sup>2</sup>	1955	6	12,968
	Cisel Hall / Music	1951	4	40,521
	Petro Hall	1966		147,664
	Rimrock Hall	1962	14	91,762
24YL2220	Science Building	1947	3	54,311
	Liberal Arts Building	1969-1970		97,749
	Library	1968		??
	College of Education Building	1972	780	101,006
	McDonald Hall at 1242 N. 28th	1952 <sup>3</sup>		32,948
	Alumni/Guest House at 2712 Normal	1930		2,179
	William R. Lowe Daycare and Enrichment Center at 2630 Normal	1936		3,069
	Foundation House at 2615 Virginia Lane	1948		4,903
	Chancellor's Residence at 432 Silver	1968		
	KEMC Radio Stn at 406 Marbara Lane	1970		
	Townhomes (stdt hous'g) at 32 Mtn View	1970		
<b>MSU - Great Falls (none)</b>				
<b>MAES (Agriculture &amp; Experiment Stations)</b>				
24JT0162	Central MT Ag Experiment Station, Moccasin	1907		
	CARC Analytical Research Lab	1922	4413	1,200
	CARC Fertilizer Shed	1922	4417	208
	CARC Grain Bins Three 2800 Bu Butler	1965	4424	1,140

<sup>2</sup> The Academic Support Center has been demolished since the last reporting cycle.

<sup>3</sup> Construction date from Montana Cadastral for building at 1242 North 28<sup>th</sup> Street, Billings, MT.

<b>Montana State University Buildings Greater Than or Equal to 50 Years Old</b>				
<b>Smith. Number</b>	<b>Building Name</b>	<b>Construction/ Occupancy Date</b>	<b>Building Number</b>	<b>Gross Area (s.f.)</b>
	CARC Grain Bins Three 1-100 BU	1967	4423	
	CARC Greenhouse	1968	4421	
	CARC House	1908	4403	1,024
	CARC Implement Shed	1921	4414	3,680
	CARC Seed Lab	1911	4409	1,344
	CARC Seed Plant	1969	4422	
	CARC Storage Shed/Car Garage	1918	4406	480
	CARC Well House	1915	4405	80
	EARC Cold Storage	1951	8402	1,008
	EARC Foreman Residence	1970	8403	
	EARC Granary/Grinding/Drying Lab	1963	8406	2,560
	EARC Laboratory	1955	8404	1,586
	EARC Machinery Shed	1957	8410	3,200
	EARC Machine Storage Shed	1935	8409	492
	EARC Superintendent Residence	1950	8401	1,037
24GA0352	Ft. Ellis Military Site - Archaeological	1867-1886		
24GA1894	Ft. Ellis MT Ag Experiment Station	1930	See individual bldgs. below	
	Ft. Ellis East Well (Rec. Map No. S02) <sup>4</sup>	c.1950	--	Unk.
	Ft. Ellis Garage (Rec. Map No. B04)	1933	728	Unk.
	Ft. Ellis Hay Shelter - West (Rec. Map No. S14)	1933	735	2,400
	Ft. Ellis Horse Barn/Lab (Rec. Map No. B05)	1931	722	2,232
	Ft. Ellis Loading Ramp (Rec. Map No. S12)	c.1950	--	--
	Ft. Ellis North Well & Water Storage Tank (Rec. Map No. S01)	c.1931	--	50
	Ft. Ellis Oil Shed (Rec. Map No. B09)	1933	740	100
	Ft. Ellis Outhouse (Rec. Map No. B03)	c.1933	--	18
	Ft. Ellis Post-and-Beam Pulley Structure (Rec. Map No. S04)	c.1950	--	Unk.
	Ft. Ellis Pump House (Rec. Map No. S07)	1931	743	75
	Ft. Ellis Ram Test Shed (Rec. Map No. B10)	1933	737	5,220
	Ft. Ellis Residence #1 (Rec. Map No. B01)	1931	721	2,129
	Ft. Ellis Residence #2 (Rec. Map No. B02)	1933	732	1,100
	Ft. Ellis Research Sheep Shed & Shop (Rec. Map No. B11)	1931	730	8,249
	Ft. Ellis Shearing/Working Facility (Rec. Map No. B12)	1933	729	2,988
	Ft. Ellis Implement & Cow Shed/Storage (Rec. Map No. B07)	1933	739	2,592

<sup>4</sup> "Rec." indicates Montana Historic Property Record prepared by Jessie Nunn, dated December 1, 2013.

<b>Montana State University Buildings Greater Than or Equal to 50 Years Old</b>				
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	Ft. Ellis Storage (Was Granary) (Rec. Map No. B06)	c.1910	723	3,301
	Ft. Ellis Store House (Rec. Map No. B08)	1933	731	120
24MA0262	Red Bluff Stage Stop (Isaacs/Wann Residence)	1880 (burned 2006)		
	GIRVIN Farm Barn	c.1890 /1958	679	1,357
	GIRVIN Farm Granary	c.1890 /1958	681	614
	GIRVIN Farm Residence	c.1890 / 1958	676	2,399
	GIRVIN Residence 2-Car Garage	c.1920s/1958	675	857
	HARTMANN Log Bunk House	1929	2601	306
	HARTMANN Main House	1904	2605	2,400
	HARTMANN Ranch Frame Barn	1914	2602	3,200
	HARTMANN Ranch Pump	1965	2603	32
	HARTMANN Ranch Shop Shed	1927	2604	14,000
	Horticulture Farm Wood Office	1954	691	205
24GA2011	HORT Farm Miller Livestock Pavilion	1968	432	23,286
	Horticulture Pump House	1954	624	152
	LUTZ Farm New Garage	1951	813	545
	Post Farm Pump House - East	1968	716	
	Post Farm Seed Plant	1967	709	
24HL0329	Fort Assiniboine/NARC <sup>5</sup>	1879-1967		
C	Circulation			
C	NARC Six-Unit Apt-Staff Housing (Bachelor Officer Qtrs – Res. 1) <sup>6</sup>	1880	5403	18,525
C	NARC N. Duplex Apt 7 & 8 (Duplex Officers Qtrs – Res. 2)	1879	5402	5,810
C	NARC Living Quarters Apt. 9 Stn. Mgr. (Non-commissioned Officers Qtrs - Res.3)	1905	5401	2,052
C	NARC Office Bldg. (Post Library – Res. 4)	1889	5406	2,834
C	NARC Guard House (Guard House –Res. 5)	1905	5405	7,819
C	NARC Garage #1 (Officers Amusement Hall – Res. 6)	1886	5409	3,530
C/NC	NARC Soils Lab (Post Exchange – Res. 7)	1879	5404	5,214
C	NARC Warehouse (Ordinance House–Res. 8)	1884	5415	1,500

<sup>5</sup> NARC includes historic Fort Assiniboine. The buildings, sites, structures, and objects listed as contributing to the historic district are identified with “C” in left-hand column. The resources without individual Smithsonian numbers are listed in numerical order of the Resource (Res.) listing.

<sup>6</sup> “Res.” Indicates resource number from the Fort Assiniboine (Boundary Increase and Additional Documentation) National Register Form listed on April 2, 2018. The list above includes all resources identified in the National Register nomination; the building names have been supplemented to include their historic names.

<b>Montana State University Buildings Greater Than or Equal to 50 Years Old</b>				
<b>Smith. Number</b>	<b>Building Name</b>	<b>Construction/ Occupancy Date</b>	<b>Building Number</b>	<b>Gross Area (s.f.)</b>
C	NARC Rec Building (Stable #4 Rec Hall – Res. 9)	1906	5414	7,922
C	NARC East Guard House (Dbl. Calvary Stable Guard/Shop – Res. 10)	1905	5418	1,749
C	NARC - Dbl. Calvary Stable Guard/Shop – Res. 11			
C	NARC West Guard House (Dbl. Calvary Stable Guard/Shop – Res. 12)	1905	5420	1,749
C	NARC Field Officers’ Stable (Res. 13)	1880		
C	NARC Field Officers’ Stable (Res. 14)	1880		
C	NARC Commissary Root Cellar (Res. 15)	1902		
C	NARC Commissary Root Cellar (Res. 16)	1902		
C	NARC Commissary Root Cellar (Res. 17)	1902		
C	NARC Ice House (Res. 18) – Steer Barn	1904-1905		
C	NARC Flag Staff (Res. 19)	1890		
C	NARC Fort Assinniboine Monument (Res. 20)	1880		
C	NARC Daughters of the American Revolution Marker (Res. 21)	1958		
--	NARC – No Resource 22 in NR nomination			
C	NARC Cattle Feeding Shed/Hay Storage Barn (Res. 23)	1934/1938		
C	NARC Machine Shed & Old Shop (Res. 24)	1938	5411	6,040
--	NARC - No Res. 25 in NR nomination			
C	NARC Pump House (Res. 26)	1927	5413	312
C	NARC Garage #2 (2-Car – Res. 27)	1927	5422	420
C	NARC Valve House (Res. 28)	1923	5424	90
--	NARC - No Resource 29 in NR nomination			
NC	NARC Resources 30 - 34	1981 - 2010		
C	NARC Weather Station (Res. 35)	1915		
C	NARC – various ruins/fdtns (Res. 36 – 48)	1879-1894		
C	NARC Cemetery (Res. 49)	1879-1911		
	NARC Research Barn	1927	5410	8,976
24HL1679	NARC – Thackeray Ranch Barn	c.1928	5447	3,500
	NWARC Behlen Grain Tank 1000BU	1970	6423	
	NWARC Crops Res/Office/Wet Lab	1957	6408	2,560
	NWARC Foreman’s Residence	1925	6401	1,600
	NWARC Garage/Two Wet Labs	1963	6410	1,728
	NWARC Misc. Storage	1955	6413	100
	NWARC Residence	1925	6402	1,000
	NWARC Shop	1963	6411	2,304
	NWARC Truck Scale	1967	6415	

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	Red Bluff Bottom Hopper Bin	1928	2419	240
	Red Bluff Cow Barn (Stone)	1880	2426	1,000
	Red Bluff Lumber Shed	1961	2423	656
	Red Bluff Sheep Office	1930	2438	600
24YL2248	<del>SARC Barn Ctr. Condemned Section</del>	<del>1916</del>	<del>3421</del>	<del>4,493</del>
	SARC Lg. Bushel Bins (3)	1950	3456	11,400
	SARC Sm. bushel bins (3)	1950	3455	1,050
24YL2249	<del>SARC Cereal/Crops Lab</del>	<del>1928</del>	<del>3433</del>	<del>760</del>
24YL2252	<del>SARC Drying Rm East Barn Complex</del>	<del>1916</del>	<del>3467</del>	<del>823</del>
	SARC Feed Mill	1950	3457	240
Unresolved <sup>7</sup>	SARC Homesteader Hall (Leased)	1928	3411	3,200
24YL2250	<del>SARC Horse Barn/Machine Shed</del>	<del>1959</del>	<del>3438</del>	<del>3,737</del>
Unresolved	SARC Irrigation Pump Well House	1951	3420	48
Unresolved	SARC Machine Shed #1	1916	3419	2,852
Unresolved	SARC Machine Shed #2	1920	3464	4,500
	SARC Machine Shed #3	1948	3425	5,040
Unresolved	SARC Well Pump House #1 (Domestic)	1928	3409	189
Unresolved	SARC Residence #3	1917	3403	1,784
Unresolved	SARC Residence #4	1917	3404	2,182
Unresolved	SARC East Residence Garage	1920	3423	672
Unresolved	SARC West Residence Garage	1917	3424	620
Unresolved	SARC Seed Shop	1920	3415	2,200
Unresolved	SARC Southern Annex Dairy Barn Complex	1916	3465	4,125
Unresolved	SARC Truck Scale House & Scale	1960	3444	160
24YL2251	<del>SARC Western Annex Barn Complex</del>	<del>1916</del>	<del>3466</del>	<del>1,706</del>
	VET Clinic Building	1960	426	2,527
	Veterinary Equipment Shed	1960	421	3,600
	Veterinary Loafing Shed	1960	422	3,600
	VET Quonset Livestock Shelter	1950	409	1,004
	VET Quonset Livestock Shelter	1950	410	1,970
	VET Shop Quonset	1953	413	960
	VET Storage Building	1941	627	1,000
24RA0239	Western MT Agricultural Experiment Stn.	1910-1970		
C	WARC Bio Laboratory (East Cottage)	1910	7401	1,319
C	WARC Garden Tool House (Garage & Machine Storage)	1925	7404	660
C	WARC Grind Rm/ Greenhouse	1926	7405	1,383
C	WARC Horticulture & Soils Lab (Office)	1926	7406	2,200
C	WARC Main Office	1911	7403	2,304

<sup>7</sup> Where listed as “unresolved” for listing in the National Register of Historic Places, this default ruling is in response to a judgement of “eligible” by the State Historic Preservation Office for a building previously deemed ineligible by MSU.

<b>Montana State University Buildings Greater Than or Equal to 50 Years Old</b>				
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	WARC Tractor Shed & Machine Shop	1935	7409	2,520
C	WARC Well/Pump House	1935	7412	120
C	WARC West Residence	1921	7402	1,640
	WTARC – none (established 1977; housed in a “steel government building”)			
	<i>Miscellaneous Buildings</i>			
	Cold Storage Quonset	1949	612	700
	Poultry Barn -Vacant	1943	631	6,837
	Swine Center Shed	1958	683	255