

**The University of Montana**

**State-Owned Heritage Properties**  
**Biennial Report 2012-2013**

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## **A. Executive Summary:**

The University of Montana consists of four main college campuses located in Missoula, Helena, Butte and Dillon. The largest campus, in Missoula, also has satellites such as The Lubrecht Experimental Forest, a 28,000-acre outdoor classroom/laboratory and the Flathead Lake Biological station, an ecological research and education center 85 miles North of Missoula. In 2013 approximately 13,000 students attended the Missoula campus with over 17,800 students at the four schools combined.

The University of Montana, Missoula is comprised of 413 buildings at various sites totaling 4,667,034 Gross square feet. Main Campus sits on 156 acres on the East side of Missoula and consists of 70 buildings.

An historic district was established in 1992 with 20 contributing properties and was increased to 34 in 2012. . The campus historic district, #24MO0471, and the Prescott House, #24MO0303 both reside on the 156 acre Main Campus.

In determining the Universities stewardship investment a base cost per square foot derived from the annual O&M report was used. This worked out to be \$6.61 for utilities, custodial, administrative costs etc. Please refer to the “Administration and Operations column of **Appendix 1**, Stewardship Costs spreadsheet. The “Restoration and Repair” column constitutes Work Orders and contracted services that addressed Heritage preservation or renewal.

For the purposes of this report , Facilities Condition Inventories (FCI’s) were used on most buildings to determine deferred maintenance needs. See **Appendix 2**.

Please note that historic sites, such as Memorial Row or The M, are not capable of having a percentage of deficiency number as defined by FCI’s. The reporting method was designed for buildings only.

## Senate Bill 3 Heritage Properties, 2013 Reporting Cycle.

### University of Montana System - Priority Properties

Of the Heritage Properties required to be reported on by Senate Bill 3 for the 2013 reporting cycle, only two merit being given a high priority. Since nothing has been addressed from the 2011 cycle, the priority list remains the same with two additions from the 2013 cycle. The Berry-Tremper House urgently needs a new roof and Matthews Hall in Dillon needs substantial renovation.

1. **UM-Tech at Butte: Main Hall 1897(Smithsonian #24SB0354).** Main Hall has the greatest significance to Tech from a historical perspective and is in need of a complete renovation. The building is being maintained for educational purposes; however, major maintenance items are being deferred due to budget constraints.
2. **UM-Western at Dillon: Main Hall 1924 Library Wing (Smithsonian #24BE1433).** This structure is listed on the National Register of Historic Places. It was a large attached Library wing connected to the state's first Normal School, and has historic significance based on its own merits.
3. **UM-Tech at Butte: Engineering Hall 1910 (Smithsonian #24SB0354),** is in similar need of a major retrofit as Main with the additional burden of potential structural failure.
4. **UM-Tech at Butte: Museum Building, 1939(Smithsonian #24SB0354),** is not at risk to the degree main Hall or Engineering is, although many building systems are failing which contribute to the historic fabric of the structure.
5. **UM-Tech at Butte: Prospector Hall, 1935(Smithsonian #24SB0354),** is the original residence hall and has been in continual use. Most building systems are original and require replacement or upgrading to protect the building from further deterioration.
6. **UM-Tech at Butte: Chancellor's Residence, 1936(Smithsonian #24SB0354),** is in fair condition but requires additional stewardship to insure the integrity of the structure.
7. **UM-Missoula, Ft. Missoula: 1944(Smithsonian #24MO0266).** The two Non-Commissioned Officers (NCO) residences, also known as T-14 and T-16 in the Army cataloging system. These structures are boarded up and not fit for human occupation. UM has made efforts to stabilize the envelope to

prevent further deterioration but lacks funding to fully restore them for any type of current/future use by the University.

8. **UM-Missoula, Missoula Campus Rankin Hall, 1909 (Smithsonian #24MO0471):** Requires a roof replacement urgently and has substantial deferred maintenance list.
9. **UM-Missoula, Missoula Campus: Berry-Tremper House, 1918(Smithsonian #24MO0471):** Urgently needs a roof replacement. Interior has been renovated.
10. **UM-Western at Dillon: Matthews Hall (Smithsonian #24BE1433).** Building needs substantial renovation, including insulation of the exterior walls and attic, new windows, exterior doors, heating and electrical.

*Of the UM- Fort Missoula properties that are reported on, the two structures that are in the most urgent need of assistance are the two Non-Commissioned Officers (NCO) residences, also known as T-14 and T-16 in the Army cataloging system. This has not changed from the 2011 reporting cycle. These structures are boarded up and not fit for human occupation. UM has made efforts to stabilize the envelope to prevent further deterioration but lacks funding to fully restore them for any type of current/future use by the University. It should also be noted that a toxic materials analysis was done on them and substantial amounts of Lead Paint and asbestos would need to be abated prior to any renovation project. On the Missoula campus, Rankin Hall requires a roof replacement urgently and the Berry-Tremper House (O'Connor Center for the Rocky Mountain West) also needs a new roof.*

A complete summary of all Heritage Properties is listed below for all UM System campuses for the 2013 cycle.

#### **B. The University of Montana, Missoula new listings.**

Senate Bill 3 of the 62<sup>nd</sup> Legislature requires State agencies and the Montana University System to report biennially to the Preservation Review Board on the status and maintenance needs of Agency Heritage Properties. The University of Montana, Missoula has identified (14) additional heritage properties on the Missoula campus that meet the criteria for reporting for the 2013 cycle. These are

all contributing sites to the existing district #24MO0471. The new properties are as follows:

- Phyllis J. Washington Education Center, 1950 (Historic District #24MO0471)
- School of Forestry Memorial Greenhouse, 1951 (Historic District #24MO0471)
- Craig Hall, 1953 (Historic District #24MO0471)
- Duniway Hall, 1956 (Historic District #24MO0471)
- North Corbin Hall, 1956 (Historic District #24MO0471)
- Liberal Arts Building, 1953 (Historic District #24MO0471)
- Music Building, 1953 (Historic District #24MO0471)
- McGill Hall, 1953(Historic District #24MO0471)
- Emma B. Lommasson Center, 1955 (Historic District #24MO0471)
- Curry Health Center, 1956 (Historic District #24MO0471)
- Knowles Hall, 1963 (Historic District #24MO0471)
- Berry-Tremper House (O'Connor Center for the Rocky Mountain West), 1918 (Historic District #24MO0471)
- Memorial Row, site, 1919(Historic District #24MO0471)
- The "M" and "M Trail", site and structure, 1909 (Historic District #24MO0471)

The State Preservation Board requires a summary of each properties narrative:

1. **Phyllis J. Washington Education Center: 1950 (24MO0471 Historic District):** Originally built as the University of Montana's Business School in 1950, through state appropriations and reserve funds, designed by architect Fred A. Brinkman of Kalispell, building was originally a 3 story rectangle with classrooms, offices and some large lecture rooms. Building was added onto in 2009 by Oz Architects. New section runs north and south and is attached to the East end of the original structure and was paid for by a donation from Phyllis Washington. The Status is **satisfactory**. Condition is **good**. The interior of original building was updated as part of the 2009

addition. Mechanical improvements have also been made via energy savings money. All the exterior windows were also replaced. Terra cotta on exterior is showing signs of age, and is cracked in places. The Priority rank is 4.

2. **School of Forestry Memorial Greenhouse 1951 (24MO0471 Historic District):** The Forestry Memorial Greenhouse is located on the south side of the Forestry building, which was listed in the original nomination for The University of Montana Historic District. The greenhouse is constructed of an iron armature with glass panels. It was designed by Fox/Ballas Architects. The Status is **satisfactory**. The Condition is **good**. The iron armature and glass panels have been replaced with aluminum framed Plexiglas. The Priority rank is 4.
3. **Craig Hall (24MO0471 Historic District):** Designed by Architect Fred A. Brinkman, Craig Hall was built in 1953 and an addition, was completed in 1955. It was named in honor of the University's founding president. The Lommasson Center was originally named Craig Hall but, since it no longer housed students, the name Craig Hall was transferred to the new men's dorm. The Status is **satisfactory**. The condition is **good**. A fire sprinkler system was added which changes the look of the hallways. The heating and ventilation system needs to be updated. The priority rank is 4.
4. **Duniway (24MO0471 Historic District):** : Named after the University of Montana's second President, Clyde V. Duniway (1908-1912), this building basically connected two existing Dorms, Craig and Elrod, in 1956. Originally it was called "The Link" or "The Extension", and was formally name Duniway by President Carl MacFarland. The Status is **satisfactory**. The condition is **good**. Building does not meet ADA and there are no plans to add an elevator or retrofit rooms or bathrooms. The priority rank is 4.
5. **North Corbin Hall (24MO0471 Historic District):** Completed in 1956, North Corbin linked Corbin and Brantly Halls and was designed by Brinkman and Lenon Architects and Engineers. While Corbin and Brantly both have hipped roofs, North Corbin's is flat, and was replaced with a single ply membrane within the last ten years. While it was originally

designed as a dorm, it now serves as an office building and also houses the MSU School of Nursing. The Status is **satisfactory**. The condition is **good**. Substantial deferred maintenance exists such as exterior steps and retaining walls, exterior brick needs tuck pointed and sealed and exterior windows need to be replaced. The priority rank is 4. [In 2013 Exterior Fascia was repaired/painted, \\$23,802 and various patch and paint work orders, \\$13,101.00.](#)

- 6. Liberal Arts Building (24MO0471 Historic District):** The original portion of this building, shaped like a backward L, was built in 1953 with the addition built to the west in 1962 which changed the shape of the building to an E. H.G. Merriam designed the first section. A mosaic on original buildings' exterior was done by Rudy Autio. Building requires an additional elevator to allow access to all floors. The Status is **satisfactory**. The condition is **good**. The exterior windows and roof need to be replaced. There are plumbing and HVAC deferred maintenance needs in the very high use building. The priority rank is 4. [Patch and paint, throughout building, \\$32,000 in 2013. Contracted services renovated various locations including stairs and flooring, \\$51,398 in 2013.](#)
- 7. Music Building (24MO0471 Historic District):** 1953. Designed by Architects Fox, Ballas of Missoula, building looks like a grand piano from the air. Acoustical efficiency is a large factor in its very unique design, from felt wrapped framing to insulated walls throughout. Building currently only has a service elevator and does not meet ADA. The Status is **Watch**. There is a proposal to build an addition to the East side of the building. The condition is **good**. The priority rank is 3.
- 8. McGill Hall (24MO0471 Historic District):** Completed in 1953, McGill Hall was designed by Architect Gehres D. Weed of Kalispell and was the first building on campus intended specifically for "women's activities." Originally called "The Women's Center", it was officially named McGill Hall in 1984 after Doctor Caroline McGill. The Status is **satisfactory**. Some negative impacts to historical integrity have already occurred with the Media Arts renovation where the gym was partially split into two floors and the



HHP addition to the south side of the building in 2009. Condition is **Good**. The priority rank is 4. **Ceiling tile replacement, \$6,000 in 2013.**

**9. Emma B. Lommasson Center (24MO0471 Historic District): 1955.** Built during the post war university population boom to solve the need for a food service and student union building, The Lodge, as it was called then, was designed by Brinkman & Lenon Architects and Engineers of Kalispell. It has been added onto and renovated multiple times making it difficult to evaluate the original structure. Status is **satisfactory**. Condition is **Good**. The priority rank is 5. **Various patch and paint jobs throughout building in 2013, \$12,000.**

**10. Curry Health Service (24MO0471 Historic District):** Designed by Architect Gehres D. Weed of Kalispell, the Student Health Center was completed in 1956, added onto in 1971 and again in 1995. The 1971 addition added an emergency room and out-patient facilities. The Status is **satisfactory**. The condition is **good**. The windows on East side of original building need to be replaced. HVAC system needs some renovation. The priority rank is 5. **Patch and paint various locations, \$2,000.**

**11. Knowles Hall: 1963 (24MO0471 Historic District):** Designed in the "International Modern" style by Taylor, Thon, Schwartz and Kirkpatrick of Kalispell, Knowles was completed in 1963 and was identical to Miller Hall which was completed in 1965. Miller has since gone through a significant change with the addition of two stories. Building was named after Elise Knowles, whom, along with Ella Robb comprised the University's first graduating class of 1898. Status of this building is **satisfactory**. Condition is **good**, but there is some deferred maintenance. South East corner of building is settling and cracking. Ballasted roof needs to be replaced with single ply membrane and insulation added. Plumbing, HVAC and electrical systems all need renewal. The priority rank is 4.

**12. Berry-Tremper House (O'Connor Center for the Rocky Mountain West) (24MO0471 Historic District):** Built in 1916, this Craftsman-style home is the last remaining home of the 600 block of University Avenue. The

University purchased the house in 1957 in accordance with the Carsley-Gilbert plan of 1917. First owned by William Berry and last owned by W.G. Tremper before being sold to the University, the Carsley-Gilbert plan of campus indicated that the house was to be torn down, which never happened. This property will be given priority 9 including all of the 2011 cycle high priority properties because the roof is in such poor condition and structure is at risk. The Status is **Watch**. The condition is **Fair**. The priority rank is 1.

**13. Memorial Row, site, 1919 (24MO0471 Historic District):** Memorial Row was established in 1919 following the end of World War I in an effort to honor the men and women, connected to UM, who died in service during the war by planting a tree in two columns running from the corner of the Oval to Eddy Avenue. 32 Ponderosa Pine trees were planted with the name of the person being honored on a sign at the base of each tree. Over the years, many of these bronze plaques disappeared. In 2010 the missing plaques were duplicated and all were placed on one large boulder at the North end of the Pine tree section of the row. Status is **satisfactory** and condition is **good**. The priority rank is 4.

**14. The “M” and “M Trail”, site and structure, 1909(24MO0471 Historic District):** While the trail is and has been maintained by volunteers, the "M" has gone from being constructed from white washed rocks (1909), to wood (1912), a larger wooden version (1913), to a shale version with a granite border (1915), and finally the existing concrete structure which was built in 1968 at a cost of \$4,328. The original "M" cost \$18 and was equipped with a lighting system. The “M” is a very popular Missoula landmark and hiking trail. The trail is maintained by volunteers and the basketball team paints the “M” annually. Status is **satisfactory** and condition is **good**. The priority rank is 4.

### **C. The University of Montana, Missoula update on previous listings**

Senate Bill 3 of the 62<sup>nd</sup> Legislature requires State agencies and the Montana University System to report biennially to the Preservation Review Board on the status and maintenance needs of Agency Heritage Properties. These were reported

on in 2011. Any changes since that report are noted in blue. All projects and work orders were reviewed, and if pertinent to interior and exterior preservation, were listed. Basic maintenance costs were derived from UM facilities annual O & M calculation and includes utilities, custodial and administrative expenses.

- The Oval (24MO0471 Historic District)
- Main Hall(24MO0471 Historic District)
- Math Building(24MO0471 Historic District)
- Rankin Hall(24MO0471 Historic District)
- Botany (Natural Sciences) Building(24MO0471 Historic District)
- Schreiber Gym. (24MO0471 Historic District)
- Social Science(24MO0471 Historic District)
- Forestry (Pinchot Hall) (24MO0471 Historic District)
- Heating Plant(24MO0471 Historic District)
- Brantly Hall(24MO0471 Historic District)
- Elrod Hall(24MO0471 Historic District)
- Corbin Hall(24MO0471 Historic District)
- Stone Hall (Old Journalism) (24MO0471 Historic District)
- Chem-Pharm Building(24MO0471 Historic District)
- Fine Arts(24MO0471 Historic District)
- International Center (Continuing Ed., Art Museum, Alumni Center, Women's Center) (24MO0471 Historic District)
- Turner Hall(24MO0471 Historic District)
- Botany Lab (Natural Sciences Annex) and Greenhouse(24MO0471 Historic District)
- Prescott House(24MO0471 Historic District)
- Mount Sentinel(24MO0471 Historic District)
- Field Research Center at Ft. Missoula(24MO0266 Historic District)
- East Cell Block, Ft. Missoula(24MO0266 Historic District)
- West Cell Block, Ft. Missoula(24MO0266 Historic District)
- NCO Quarters (2) Ft. Missoula(24MO0266 Historic District)
- Daly Mansion, Hamilton(24RA0241)

1. **The Oval:** 1895. The historic Oval is a prized asset of the University of Montana and features prominently on the campus. Originally designed/proposed by Prof. Frederick Scheuch in 1895 as a plan for the fledgling campus to have buildings facing into the Oval. The Status is **satisfactory**. The Condition/Integrity is **good** – the Oval shape has been modified somewhat over the decades, but remains very central and historically important to the University. As such, it is well maintained and cared for. A tree re-planting plan is underway for maples & oak trees around the Oval. The Priority Rank is 4.

The condition/integrity and status has not changed. There is currently a movement to address the safety issue caused by the unevenness of the brick pathways through the oval. They are not ADA compliant, and the bricks were in poor, used, condition when originally installed in the 1960's. Three test panels have been done, re-using the existing bricks in two different methods and utilizing stamped and colored concrete in the third.

2. **Main (University) Hall:** 1899. Designed by Missoula architect, A.J Gibson, Main Hall was the first building built on the Missoula campus. Main Hall housed the administrators and teaching classrooms for the fledgling university. The Status is **satisfactory** & is actively being used as office space for UM administration & some teaching classrooms. The Condition is **good**. About \$1.3m was spent in 2009 for seismic bracing the clock tower, main façade cleaning & replacement of the roof shingles. UM facilities staff provides routine maintenance of the building. Main Hall needs further exterior brick cleaning and sealing, fire sprinklers, MEP upgrades and a new elevator addition for ADA compliance. The Priority Rank is 2. [Entry door replacement on NE corner of building \(\\$1,000\)](#). [Built-in Casement in hallway was rebuilt, refinished \(\\$7,500\)](#). [Basic maintenance was around \\$217,000 for 2013](#).

3. **Math Building:** 1903. Designed by architect A.J Gibson, this building was originally the Women's Dorm, later called Craig Hall. It subsequently housed the Math & Physics departments and now houses only the Math dept. The Status is **satisfactory**. The Condition is **fair**. About \$1.07m was spent on an ADA elevator, office & bathroom addition in 2007. However, the rest of Math building needs roof replacement, exterior brick cleaning, window

replacement, fire sprinklers and MEP upgrades. UM facilities staff provides routine maintenance of the building. The Priority Rank is 2. [Aside from basic maintenance, no improvements have been made to the historic integrity of this asset. Basic maintenance was \\$143,000 for 2013.](#)

4. **Rankin Hall:** 1909. Designed by architect A.J Gibson, Rankin Hall was named after the first US congresswoman from Missoula. Rankin Hall was the first Library building on campus, later becoming the Law School in 1923, then the Psychology School in 1961 and presently houses the Environmental Studies and Social Work departments. The Status is **satisfactory**. The Condition is **fair**. UM facilities staff provides routine maintenance of the building. Rankin needs roof replacement urgently, brick cleaning, window replacement, interior floor replacement, fire sprinklers, MEP upgrades and an ADA elevator. The Priority Rank is 1. [Asbestos abatement in crawl space and re-insulation of heating lines \(\\$9,700\). Basic maintenance costs were around \\$109,000 for 2013.](#)
  
5. **Botany (Natural Sciences) Building:** 1919. Designed by Billings architects McIver, Cohagen & Marshall, the Natural Science Bld. follows the Cass Gilbert master plan for location & style. The Status is **satisfactory**. The Condition is **good**. The roof was replaced in 1998, ADA restrooms done in 2000 and exterior windows replaced in 2007. UM facilities staff provides routine maintenance of the building. Botany needs brick cleaning, attic insulation, MEP upgrades and an ADA elevator. The Priority Rank is 2. [Basic maintenance for 2013 was \\$152,000.](#)
  
6. **Schreiber Gym.:** 1922. Originally called the Men's Gymnasium, the building was renamed Schreiber Gym in 1986. Designed by architect G.H Carsely of Helena, MT. The original building had a swimming pool in the south annex, which has subsequently had a floor built over the pool and the bleachers converted to offices/storage rooms. The Gym is being actively used by ROTC, Fine Arts & staff gymnasium. The Status is **satisfactory**. The Condition is **good**. Various interior remodels have occurred over the years; however, the exterior is very much historically intact. The roof was replaced with metal standing seam in 1995. UM facilities staff provides

routine maintenance of the building. Schreiber Gym needs brick cleaning, window replacement, MEP upgrades and an ADA elevator. The Priority Rank is 2. [Basic maintenance costs for 2013 were \\$284,000. Snow guard protection was added to the metal roof \(\\$7,500\).](#)

7. **Social Science:** 1921. Designed by Billings architects McIver & Cohagen in the Renaissance revival style, the building location follows the Cass Gilbert master plan. First built as the Library to replace the cramped quarters in Rankin Hall. A boxy 1955 addition to the north detracts from its historic elegance. In 1979 it was converted to house the Social Science departments. The building is being actively used by ITO, Sociology, Anthropology and Computer Science. The Status is **satisfactory**. The Condition is **fair**. UM facilities staff provides routine maintenance of the building. Social Science needs roof replacement, brick cleaning, window replacement, ceiling and floor replacement, MEP upgrades and an elevator replacement. The Priority Rank is 2. [Basic Maintenance costs for 2013 were \\$630,000. Small projects included various flooring jobs, wall patch and paint \(\\$31,000\).](#)
8. **Forestry:** 1921. Designed by Missoula architect Ole Bakke in the Renaissance style and located according to the Cass Gilbert master plan. The building is still actively used by Forestry School. The Status is **satisfactory**. The Condition is **good**. UM facilities staff provides routine maintenance of the building. Forestry needs brick cleaning, window replacement, some ceiling and floor replacement, MEP upgrades and an ADA elevator. The Priority Rank is 2. [Basic Maintenance for 2013 was \\$154,000. Work order jobs included whole building interior paint \(\\$18,000\), exterior soffit paint/repair\(\\$3,000\) and exterior window glazing repair\(\\$7,800\), third floor remodel\(\\$5,000\). Contracted projects included the Dean's suite remodel \(\\$11,934\) and Third floor remodel \(\\$50,000\).](#)
9. **Heating Plant:** 1921. Designed by engineer Charles Pillsbury of Minneapolis. A water treatment addition was added to the east. The building is actively used as the heating plant. The Status is **satisfactory**. The Condition is **good**. UM facilities staff provides routine maintenance of the building. Heating Plant needs brick cleaning, window maintenance work and

MEP upgrades. The Priority Rank is 4. [Basic maintenance costs for 2013 were \\$67,000.](#)

10. **Brantly Hall:** 1923. Designed by Link & Haire architects of Helena in the Renaissance style, Brantly Hall was built to replace the first Women's Dorm (Math Bldg). The structure is actively used as the UM Alumni & Foundation offices. The Status is **satisfactory**. The Condition is **good**. An internal ADA elevator and bathroom remodel was done in 1999. UM facilities staff provides routine maintenance of the building. Brantly needs roof replacement, brick cleaning, window replacement, some ceiling and floor replacement and MEP upgrades. The Priority Rank is 2.

[Basic maintenance for 2013 was \\$257,000. Small projects entailed \\$35,000 in carpet replacement. Work orders included South Entry step repair \(\\$1,200\) and circulation space patch and paint \(\\$2,000\).](#)

11. **Elrod Hall:** 1921. Designed by Link & Haire architects of Helena in the Renaissance style, Elrod Hall is a copy of Brantly Hall, built as the Men's Dorm. The structure is still actively used as a Men's Dorm. The Status is **satisfactory**. The Condition is **good**. The clay roof tiles were replaced with concrete roof tiles in 2000. Another remodel in 2003 put in sprinkler systems, a trash and laundry chute, communication cabling and bathroom upgrades. UM Residence Life staff provides routine maintenance of the building. Elrod needs brick cleaning, window replacement, some ceiling and floor replacement and MEP upgrades. The Priority Rank is 2. [Basic maintenance for 2013 was \\$228,000. A small portion of flat roof was redone with TPO \(\\$7,400\).](#)

12. **Corbin hall:** 1927. Designed by architects Ceo A Carsley & C. J. Forbis of Helena in the Renaissance Revival style as a dormitory. The structure is actively used as an office space for various UM departments. The Status is **satisfactory**. The Condition is **good**. An internal ADA elevator and bathroom remodel was done in 1999. UM facilities staff provides routine maintenance of the building. Corbin needs roof replacement, brick cleaning, window replacement, some ceiling and floor replacement and MEP

upgrades. The Priority Rank is 2. [Basic maintenance for 2013 was \\$153,000. Exterior fascia, patched and painted in 2013 \(\\$24,000\).](#)

13. **Stone Hall (Old Journalism):** 1937. Designed by architects RC Hugenin & Norman Dekay of Butte/Helena as a Public Works Administration (PWA) project. The building actively used by Forestry, Geography and Central Southwest Asian Center. The Status is **satisfactory**. The Condition is **good**. An external ADA elevator addition was done in 1982 and it removed the historical east entrance. A major interior remodel was done in 2007 when Journalism moved out & Geography moved in to the second floor. UM facilities staff provides routine maintenance of the building. Stone Hall needs attic vermiculite abatement, brick cleaning, window replacement, some ceiling and floor replacement and MEP upgrades. The Priority Rank is 3. [Basic maintenance for 2013 was \\$191,000.](#)

14. **Chem-Pharm. Building:** 1938. Designed by architects RC Hugenin & Norman Dekay of Butte/Helena as a PWA project. The building underwent an extensive state funded \$7.2M remodel in 2005 done by A&E Architects. The building is actively used by Chemistry & Pharmacy. The Status is **satisfactory**. The Condition is **good**. UM facilities staff provides routine maintenance of the building. Chem-Pharm needs some ceiling and floor replacement and plumbing piping replacement. The Priority Rank is 4. [Basic maintenance for 2013 was \\$358,000.](#)

15. **Fine Arts Building:** 1934. Designed by Missoula architect C. J Forbis as the Student Union Building during the Great Depression as a PWA project. The structure is actively used by Fine Arts Dept. A 1998 remodel of the Theater replaced the seating and added restroom facilities. In 2010 the fourth floor was remodeled and ventilation system modernized. The Status is **satisfactory**. The Condition is **good**. UM facilities staff provides routine maintenance of the building. Fine Arts needs exterior window replacement, brick cleaning, some ceiling and floor replacement and MEP upgrades. The existing elevator does not meet ADAAG and needs replacement. The Priority Rank is 2. [Basic maintenance for 2013 was \\$419,000. The steps on](#)



the South side and leading to the theatre are in the process of being rebuilt. The lobby of the South side was partially renovated in 2013(\$60,000).

16. **International Center:** 1937. Designed by architects RC Hugenin and Norman Dekay of Butte/Helena as a PWA project. The structure is actively being used by International Programs. The Status is **satisfactory**. The Condition is **good**. UM facilities staff provides routine maintenance of the building. International Center needs brick cleaning, window replacement, some ceiling and floor replacement, MEP upgrades and an ADA elevator. The Priority Rank is 2. **Basic Maintenance for 2013 was \$45,000. Work orders included some roof repairs from leaks.**
  
17. **Turner Hall:** 1937. Designed by J. von Taylingen architects of Gt. Falls & H E Kirkemo of Missoula, Turner Hall was a Women's Dorm. The structure is in stable condition & actively used as a Dorm. The Status is **satisfactory**. The Condition is **good**. The clay roof tiles were replaced with concrete roof tiles in 1997. Sprinkler systems, a trash and laundry chute, communication cabling and bathroom upgrades were done in 1998. UM Residence Life staff provides routine maintenance of the building. Turner needs brick cleaning, window replacement, more attic insulation, some ceiling and floor replacement and MEP upgrades. The Priority Rank is 2. **Basic maintenance for 2013 was \$235,000. Small roof repair project in 2013 (\$9,200).**
  
18. **Botany Lab (Natural Sciences Annex) and Greenhouse:** 1938. Designed by RC Hugenin & Norman Dekay of Butte/Helena. The structure is actively used for research by Biological Sciences. In 1998, the wood shakes were replaced with copper shingles. A new insulated glass greenhouse replaced the old greenhouse in 2000. The Status is **satisfactory**. The Condition is **fair**. UM facilities staff provides routine maintenance of the building. Nat. Sci. Annex needs brick cleaning, window replacement, ceiling and floor replacement, fume hood replacement, air handlers replaced, attic asbestos abated, attic insulation, MEP upgrades and a sprinkler system. The Priority Rank is 1. **Basic maintenance for 2013 was \$32,000.**

19.**Prescott House:** 1898. The structure is in great condition following a major restoration project done in 2005 by Missoula architect James McDonald. The Status is **satisfactory**. The Condition is **excellent**. UM facilities staff provides routine maintenance of the building. Prescott needs exterior siding paint. The Priority Rank is 4. [Basic maintenance in 2013 was \\$37,000.](#)  
[Work orders for 2013 included back porch maintenance of \\$4,100.](#)

20.**Mount Sentinel:** The Status is **satisfactory**. The Condition is **good**. The mountain side serves as the scenic backdrop for the UM campus as well as City of Missoula. It serves as recreation area for city residents and the historic M is a well-known symbol and icon of the Missoula valley. Weed control, soil erosion and un-controlled hiking trails are the major maintenance issue on Mount Sentinel. Wildfires are a serious threat in dry weather. The Priority Rank is 3. [N/A](#)

21.**Field Research Station, Ft. Missoula:** 1944. Designed as stables for army horses by the Post Engineer at Ft. Missoula, the University took ownership of the building in 1966. The structure is actively being used by Biological Sciences as a field research station. The Status is **satisfactory**. The Condition is **fair**. A major interior remodel was done in 1998 by MMW architects for avian research. The second floor was remodeled into offices and meeting spaces in 2009. UM facilities staff provides routine maintenance of the building. Field Research needs exterior wall cracks repaired, exterior paint, roof replacement and MEP upgrades. The Priority Rank is 3. [Basic maintenance for 2013 was \\$118,000.](#)

22.**East Cell Block, Ft. Missoula:** 1945. Designed as isolation & solitary cell blocks for US Army incorrigibles in 1945 by the Army Corps of Engineers, Seattle Office; the University took ownership of the buildings in 1966 after the army vacated it. The structure is used for storage by Fine Arts. The Status is **satisfactory**. The Condition is **fair**. A pitched metal roof was added on both sides of the central courtyard, which was also roofed over recently. The roof pitches detract from the original flat roof form of 1945. An interior remodel occurred to add mezzanine storage over half the courtyard. UM facilities staff provides routine maintenance of the building. East Cell Block

needs exterior wall cracks repaired, exterior & interior paint, window replacement, light fixture replacement and MEP upgrades. The Priority Rank is 2. [Basic maintenance for 2013 was \\$83,000.](#)

23. **West Cell Block, Ft. Missoula:** 1945. Designed as isolation & solitary cell blocks for US Army incorrigibles in 1945 by the Army Corps of Engineers, Seattle Office; the University took ownership of the buildings in 1966 and used it for primate research. In 2008 Geosciences took over the structure for field research space. The Status is **satisfactory**. The Condition is **fair**. A pitched metal roof was added on both sides of the central courtyard, which was also roofed over recently. The roof pitches detract from the original flat roof form of 1945. A 2008 remodel added pitched roofs on both sides of the courtyard & raised the roof over the courtyard to make it look identical to the East Cell Block. UM facilities staff provides routine maintenance of the building. East Cell Block needs exterior wall cracks repaired, exterior & interior paint, window replacement, light fixture replacement and MEP upgrades. The Priority Rank is 2. [Basic maintenance for this unheated storage building with no custodial in 2013 was \\$9,500.](#)

24. **NCO Quarters, Ft. Missoula:** 1944. Designed as residences for non-commissioned officers in the army, the University took ownership of the buildings in 1966. The structures are boarded up & not being used. This situation must be improved as unoccupied buildings deteriorate faster than occupied buildings. The Status is **watch**. The Condition is **poor**. Both structures are identical in condition & integrity. The exterior is stabilized somewhat by university efforts to paint the exterior, caulk wall cracks & make emergency repairs to the roof. The historical value of the structures is still intact, but will take great effort & financial resources (\$430,000 each structure) to restore to a usable condition. The Priority Rank is 1. [Basic maintenance for these two buildings in 2013 was \\$2,600 each.](#)

25. **Daly Mansion, Hamilton:** 1910. Designed by Missoula architect A.J Gibson for copper king Marcus Daly and his family. The mansion & its grounds (Marcus Daly Memorial Arboretum) is owned by the State of Montana but maintained by the Daly Mansion Preservation Trust since 1987.

The Trust raises funds for operations & maintenance of the Mansion. The Status is **watch**. The Condition is **good**. Before the Trust got involved, water had leaked into the Mansion and damaged large amounts of the structure, floors, walls and fixtures. In 2004, Phase 1 of restoration work was begun under the direction of architect James McDonald at a cost of \$1.9M. Once this was completed, several other phases of work were accomplished on the wood floors, interior wallpaper, windows, handicap parking, porches etc. The Ice House and Play House were also worked on. The next phase will work on the east and south porches. Further work is required to the front porch, 2<sup>nd</sup> & 3<sup>rd</sup> floor wallpaper, grounds, swimming pool, changing rooms and tennis courts. See Daly Mansion prioritized maintenance list. The Priority Rank is 1. [Since 2012, the front porch was completely renovated including the addition of concrete pedestal infrastructure and glu-lams at a cost of \\$41,715.00. According to the 2013 Infrastructure report, there are minor ongoing roof leak issues on the main house “flat” roof areas as well as some of the outbuildings.](#)

#### **D. The University of Montana, Western at Dillon New listings**

New to the list of Heritage properties for Western since the last reporting cycle is Matthews Hall, Smithsonian #24BE1433. 16 other properties have been identified as possible candidates but need to go through the process to see if they qualify.

1. **Matthews Hall:** Matthews Hall was the first women's dormitory built in 1902 and the first of several additions in 1906 and 1918. The first major remodel occurred in 1921. Architect G. H. Carsley designed the addition which included the current kitchen, The Lewis & Clark room and dining facility. The entire residence hall portions of the building were reconstructed in 1935 and there have been a number of remodels and upgrades to the building in 1958, 1965, 1983, 1992, 1993-95, 1996, 1998 mostly for fire alarm codes and compliance. Status is **watch**. Condition is fair. The remainder of the building needs are: remodel interior dorm space, insulate exterior walls and attic to meet current codes, replace windows and entry doors, replace heating and software equipment, replace outdated electrical wiring. This building is listed as high priority #10.

## **E. The University of Montana, Western at Dillon update on previous listings**

As reported in 2012, UM Western's Main Hall has recently undergone renovations approved by the 61<sup>st</sup> and 62<sup>nd</sup> legislature. Main I Complex consists of four buildings constructed in different years - 1896, 1907, 1924 and 1951. Main Hall is listed in the National Register of Historic Places.

**1A.) UM Western- Main Hall original core structure was built in 1896.** This structure is listed on the National Register of Historic Places. It is the primary structure within a single listing comprised as the Main Hall Complex identified by the property number.

Period of July 2010 – current: Numerous non-historic intrusions from previous modifications were removed; primary spaces (corridors, stairs, & assembly hall) were restored in compliance with DOI standards; (2) large office spaces (former classrooms) subdivided with reversible office partitions. Seismic, mechanical, and electrical systems upgraded throughout. (1) Dangerous foundation deficiency corrected. Attic seismically stabilized. The status of the building is **satisfactory** and the condition /integrity is **excellent**. UM Facilities Maintenance services perform regular/routine maintenance on the property. Property-specific preservation maintenance needs include.

1. Application of water repellant to exterior masonry surfaces; face brick is exhibiting surface degradation at selected areas.
2. Assessment of steps, railings, and access to South Entrance (particularly the lower level).
3. Interpretive signage and / or national register plaque (with consideration to exhibiting the building cornerstone).
4. Reconstruction of the decorative classical plaster cartouche that was exhibited in the south grand stairwell.

On a scale of 1-5, 1 being the highest and 5 being the lowest, the Main Hall 1896 portion of the building is ranked at a 4 on the preservation priority scale.

**1B.) UM Western- Main Hall addition 1907.** This structure is listed on the National Register of Historic Places. It was the first large addition to the state's first Normal School, and has historic significance based on its own merits. It is included within a single listing comprised as the Main Hall Complex identified by the property number.

Period of July 2010 – current: Selected non-historic intrusions from previous modifications were removed; primary spaces (corridors, stairs, & classrooms) were restored in compliance with DOI standards; the auditorium and former library space were rehabilitated in their 1929 configuration. Seismic, mechanical, and electrical systems were upgraded throughout; the introduction of mechanical ductwork on the lower level of the 4-story facility is an adverse effect that was mitigated with the State Historic Preservation Office. The status of the building is **satisfactory** and the condition /integrity is **excellent**. UM Facilities Maintenance services performs regular/routine maintenance on the property. Property-specific preservation maintenance needs include.

1. Application of water repellent to exterior masonry surfaces; face brick is exhibiting surface degradation at selected areas.

2. Interpretive signage and exhibits (original time clock, oak electrical cabinets, chandelier windlass in auditorium and classroom 209).

On a scale of 1-5, 1 being the highest and 5 being the lowest, the Main Hall 1907 portion of the building is ranked at a 4 on the preservation priority scale.

**1C.) UM Western- Library Wing attached in 1924.** This structure is listed on the National Register of Historic Places. It was a large attached Library wing connected to the state's first Normal School, and has historic significance based on its own merits. It is included within a single listing identified as the Main Hall Complex identified by the property number.

Period of July 2010 – current: Work on the Library wing during this reporting period was related to rehabilitation and improvements made to other connected wings of the Main Hall complex by a major construction project in 2010-2011; the impact to this specific wing of the complex by the project was less than to other areas. Selected primary spaces (2<sup>nd</sup> & 3<sup>rd</sup> floor corridors, primary North entrance, and marble grand staircase) were protected, preserved, or rehabilitated by the identified project in compliance with DOI standards – the remainder of the structure was not addressed but had been adversely impacted by previous changes to the interior architecture; particularly the highly ornate Library reading room.. A third floor connecting corridor was added above the interconnecting corridors at the interface of the various wings of the complex by the 2011-2011 project; the construction of this addition was implemented in collaboration with discussion with the State Historic Preservation Office and in compliance with guidance for incorporating additions to historic properties. An elevator was introduced within this connecting link between wings of the complex to satisfy accessibility requirements mandated by today's building codes. The status of the building is **Endangered** and the condition /integrity is **poor**. UM Facilities Maintenance

services perform regular/routine maintenance on the property. Property-specific preservation maintenance needs include.

1. Restoration of the ornamental plaster Library reading room.
2. Seismic strengthening.
3. Improved fire exiting (eliminate fire escape as a primary exit assembly).
4. Upgrade utility systems.
5. Energy improvements.

On a scale of 1-5, 1 being the highest and 5 being the lowest, the Main Hall 1924 portion of the building is ranked at a 1 on the preservation priority scale.

**1D.) Main Hall- Auditorium 1951.** This structure is listed on the National Register of Historic Places. It was a large attached Auditorium wing connected to the state's first Normal School in 1951, and has historic significance based on its own merits. It is included within a single listing identified as the Main Hall Complex identified by the above property number.

Period of July 2010 – current: Work on the Auditorium during this reporting period was included with other rehabilitation and improvements made to other connected wings of the Main Hall complex by a major construction project in 2010-2011; the impact from the 2010-2011 project included significant changes to the auditorium structure. Prior to the initiation of the identified project, the auditorium wing was culturally evaluated and was rated as not retaining significant interior historic materials. The original 1951 construction did not complete finishing of the lower level of the building, and the 1951 applied finishes within the upper level auditorium were not able to be determined from extant historic documents. The lower level space had been adapted to various uses over time, and the upper level auditorium decor had been altered; as a consequence there was very little original historic fabric available to preserve or rehabilitate. Actions initiated during the 2010-2011 project that recognize the cultural values of the facility included: the original configuration of the auditorium was retained (with consideration to accessibility), interior applied finishes were selected to be compatible with and sensitive to the art-deco style of architecture, and selected materials (i.e. end standards for the seating) were restored and re-installed. In addition, seismic strengthening was introduced, utility systems were upgraded, and incompatible uses were relocated to other more advantageous locations on campus. Access to the auditorium and building complex was improved by an expansion (addition) at the intersection of the various wings of the complex of structures, and a small masonry addition was incorporated at the side of the auditorium structure to house an ADA lift to access theater seating. The status of the building is **Satisfactory** and the condition /integrity is **Excellent**. UM Facilities Maintenance services perform

regular/routine maintenance on the property. Property-specific preservation maintenance needs include.

1. Enclosure of the fire exit stairs from the theater seating area.
2. Improved access to the backstage area of the theater for large objects.
3. Develop policies to prevent adverse impacts to the theater interior by improvisational uses associated with theater productions.

On a scale of 1-5, 1 being the highest and 5 being the lowest, the Main Hall 1951 portion of the building is ranked at a 1 on the preservation priority scale.

Western has the approval of 4 million in improvements to main hall, for additional restoration and earth quake remediation. They are required to raise \$500,000 to match state funds and are currently at about \$200,000.

Buildings for possible future inclusion to Westerns heritage stewardship list are:

- **I.T./Pool building (1924)**
- **South Campus Housing (1954)**
- **Jordon Hall(1958)**
- **Davis Hall(1959)**
- **Grand House(1927)**
- **Roe House(1911)**
- **Curry House(1947)**
- **Engineers House(1925)**
- **Heating Plant(1926)**
- **Bridenstine House(1941)**
- **Kurtz House(1943)**
- **College Motors(1951)**
- **Chancellor's House(1957)**
- **Married Student Housing(**
- **Osborne House(1954)**
- **Student Union(1958)**



## **F. University of Montana, Tech at Butte:**

For the 2013 cycle, Montana Tech has no new assets to add to its current list of heritage properties.

1. **Main Hall** (Smithsonian #24SB0354) has the greatest significance to the Tech from a historical perspective and is in need of a complete renovation. The building is being maintained for educational purposes; however, major maintenance items are being deferred due to budget constraints.
2. **Engineering Hall** (Smithsonian #24SB0354) is in similar need of a major retrofit similar to Main with the additional burden of potential structural failure.
3. **The Museum Building** (Smithsonian #24SB0354) is not at risk to the degree of Main or Engineering Halls, although, many building systems are failing which contribute to the heritage of Montana Tech.
4. **Prospector Hall** (Smithsonian #24SB0354) is the original residence hall and has been in continual use since 1934. Most systems are original and require replacement or upgrading to protect the building.
5. **The Chancellor's Residence** (Smithsonian #24SB0354) is in fair condition but additional stewardship is necessary to insure the integrity of the structure.
6. **The Science and Engineering Building** (Smithsonian #24SB0354) has seen many modifications since it was built in 1925 that were made without consideration to the historical nature of the building. The safeguarding of the building of the building would be assured with additional upgrades.
7. **The Chemistry and Biology Building** (Smithsonian #24SB0354) was refit in 1999 and is in good condition, however, some building systems were untouched. The systems will require upgrades to further protect the building.
8. **The Mill Building** (Smithsonian #24SB0354) was refurbished in 1998 and is in good condition. Monitoring and maintenance will guard the Mill from deterioration of the historical structure.
9. **The Health Science Building** (formerly The Petroleum Building- Smithsonian #24SB1042) interior was renovated in 2011 and major systems were replaced. The exterior will require attention in the future to assure the future of the building.

Buildings for possible future inclusion to Montana Techs' heritage stewardship list are:

- **The Physical Plant Building(1948)**
- **The Student Union Building(1960)**
- **Motor Pool Garage(1950)**
- **Lexington, Missoula North and Missoula South Apartment Buildings(1950)**
- **Leonard Field(1931)**
- **HIRL North and South(1938)**

# Appendix 1

UNIVERSITY OF MONTANA, MISSOULA, Stewardship Costs									
Building Number	Smithsonian Trinomial	Contributing Orig. District	Contributing Expanded District	Building or Asset name	year constructed	Gross square feet	Aministration and Operations Investment	Restoration, Repair, Preservation	Total Stewardship Efforts Cost
site	24MO0471	X		The Oval	1895	n/a	0	0	
site	24MO0471	X		Mount Sentinel	n/a	n/a	0	0	0
site	24MO0471		X	Memorial Row	1919	n/a	0	0	0
site	24MO0471		X	The "M" and The "M Trail" site/structure	1909	n/a	0	0	0
001	24MO0471	X		University (Main) Hall	1898	32843	\$217,092.23	8500	\$225,592.23
003	24MO0471	X		Mathematics	1903	21668	\$143,225.48	0	\$143,225.48
004	24MO0471	X		Jeanette Rankin Hall	1909	16532	\$109,276.52	9700	\$118,976.52
005	24MO0471	X		Natural Sciences	1919	23100	\$152,691.00	0	\$152,691.00
006	24MO0471	X		Social Science	1923	95246	\$629,576.06	31000	\$660,576.06
007	24MO0471	X		Forestry	1921	23310	\$154,079.10	90734	\$244,813.10
008	24MO0471	X		Schreiber Gymnasium	1922	43085	\$284,791.85	7500	\$292,291.85
009	24MO0471	X		Heating Plant	1923	10160	\$67,157.60	0	\$67,157.60
011	24MO0471	X		Fine Arts	1935	63375	\$418,908.75	60000	\$478,908.75
012	24MO0471	X		Stone Hall (Old Journalism)	1937	28916	\$191,134.76	0	\$191,134.76
013	24MO0471	X		International Center	1937	6853	\$45,298.33	0	\$45,298.33
014	24MO0471	X		Chemistry	1938	54184	\$358,156.24	0	\$358,156.24
015	24MO0471	X		Natural Sciences Annex	1938	4890	\$32,322.90	0	\$32,322.90
016	24MO0471		X	Education Bldg. Phyllis J. Wash	1950	69661	\$460,459.21	0	\$460,459.21
017	24MO0471		X	Forestry Greenhouse	1951	2750	\$18,177.50	0	\$18,177.50
018	24MO0471		X	Music	1953	37180	\$245,759.80	0	\$245,759.80
020	24MO0471	X		Liberal Arts	1954	100713	\$665,712.93	83398	\$749,110.93
021	24MO0471	X		McGill Hall	1953	67079	\$443,392.19	6000	\$449,392.19
022	24MO0471	X		Curry Health Center	1956	56061	\$370,563.21	2000	\$372,563.21
036	24MO0471		X	Tremper House	1955	3149	\$20,814.89	0	\$20,814.89
90	24MO0471		X	Emma B. Lommasson Center	1955	110669	\$731,522.09	12000	\$743,522.09
100	24MO0471	X		Brantly Hall	1923	38935	\$257,360.35	67000	\$324,360.35
101	24MO0471	X		Elrod Hall	1923	34547	\$228,355.67	7400	\$235,755.67
102	24MO0471	X		Corbin Hall	1927	23190	\$153,285.90	24000	\$177,285.90
103	24MO0471	X		Turner Hall	1938	35620	\$235,448.20	9200	\$244,648.20
104	24MO0471		X	Craig Hall	1953	71666	\$473,712.26	0	\$473,712.26
105	24MO0471		X	Duniway Hall	1956	37216	\$245,997.76	0	\$245,997.76
106	24MO0471		X	North Corbin Hall	1956	14858	\$98,211.38	36903	\$135,114.38
107	24MO0471		X	Knowles Hall	1963	63360	\$418,809.60	0	\$418,809.60
702	24MO0303			Clarence R. Prescott House	1898	5707	\$37,723.27	4100	\$41,823.27
402	24MO0266			Field Research Center at Ft. Missoula	1944	17986	\$118,887.46	0	\$118,887.46
401	24MO0266			East Cell Block, Fort Missoula	1945	12687	\$83,861.07	0	\$83,861.07
400	24MO0266			West Cell Block, Fort Missoula	1945	12731	\$9,548.25	0	\$9,548.25
403	24MO0266			NCO Quarters, Fort Missoula T-14	1944	3515	\$2,636.25	0	\$2,636.25
404	24MO0266			NCO Quarters, Fort Missoula T-16	1944	3515	\$2,636.25	0	\$2,636.25
910	24RA0241			Marcus Daly Mansion	1886	24000	\$158,640.00	41715	\$200,355.00
913	24RA0241			Daly Greenhouse/Potting Shed	1890	1000	\$750.00	0	\$750.00
914	24RA0241			Daly Ice House	1890	130	\$97.50	0	\$97.50
915	24RA0241			Daly Laundry Building	1890	2200	\$1,650.00	0	\$1,650.00
916	24RA0241			Daly Playhouse(3/4 size)	1890	525	\$393.75	0	\$393.75
				Totals		1274812	\$8,288,117.56		\$8,789,267.56

## Appendix 2

UNIVERSITY OF MONTANA, MISSOULA,							
Building Number	Smithsonian Trinomial	Contributing Orig. District	Contributing Expanded District	NAME	Property Condition Integrity	FCI	Priority for Maintenance
N/A	24MO0471	X		The Oval	n/a	n/a	3
N/A	24MO0471	X		Mount Sentinel	n/a	n/a	3
N/A	24MO0471		X	Memorial Row	n/a	n/a	4
N/A	24MO0471		X	The "M" and The "M Trail" site/structure	n/a	n/a	4
001	24MO0471	X		University (Main) Hall	32843	27.70%	2
003	24MO0471	X		Mathematics	21668	29.50%	2
004	24MO0471	X		Jeanette Rankin Hall	16532	40.50%	1
005	24MO0471	X		Natural Sciences	23100	29.40%	2
006	24MO0471	X		Social Science	95246	16.10%	2
007	24MO0471	X		Forestry	23310	18.40%	2
008	24MO0471	X		Schreiber Gymnasium	43085	25.70%	2
009	24MO0471	X		Heating Plant	10160	25.40%	4
011	24MO0471	X		Fine Arts	63375	31.20%	2
012	24MO0471	X		Stone Hall (Old Journalism)	28916	25.30%	3
013	24MO0471	X		International Center	6853	13.80%	2
014	24MO0471	X		Chemistry	54184	12.50%	4
015	24MO0471	X		Natural Sciences Annex	4890	17.70%	1
016	24MO0471		X	Education Bldg. Phyllis J. Wash	69661	11.20%	4
017	24MO0471		X	Forestry Greenhouse	2750	25.50%	4
018	24MO0471		X	Music	37180	21.90%	3
020	24MO0471	X		Liberal Arts	100713	21.90%	4
021	24MO0471	X		McGill Hall	67079	14.10%	4
022	24MO0471	X		Curry Health Center	56061	n/a	5
036	24MO0471		X	O'Connor Center Rocky Mountain West, Berry Tremper House	3149	7.00%	1
90	24MO0471		X	Emma B. Lommasson Center	110669	25.20%	5
100	24MO0471	X		Brantly Hall	38935	39.00%	2
101	24MO0471	X		Elrod Hall	34547	N/A	2
102	24MO0471	X		Corbin Hall	23190	22.60%	2
103	24MO0471	X		Turner Hall	35620	N/A	2
104	24MO0471		X	Craig Hall	71666	29.70%	4
105	24MO0471		X	Duniway Hall	37216	26.70%	4
106	24MO0471		X	North Corbin Hall	14858	24.20%	4
107	24MO0471		X	Knowles Hall	63360	28.20%	4
400	24MO0266			Geology Lab, West Cell Block	12731	13.50%	2
401	24MO0266			Drama/Dance Storage, East Cell Block	12687	13.50%	2
402	24MO0266			Field research station at Fort Msla	17986	5.30%	3
403	24MO0266			NCO Quarters West	3515	70.20%	1
404	24MO0266			NCO Quarters East	3515	70.20%	1
702	24MO0303			Clarence R. Prescott House	5707	10.10%	4
910	24RA0241			Marcus Daly Mansion	24000	n/a	1
913	24RA0241			Daly Greenhouse/Potting Shed	1000	n/a	1
914	24RA0241			Daly Ice House	130	n/a	1
915	24RA0241			Daly Laundry Building	2200	n/a	1
916	24RA0241			Daly Playhouse(3/4 size)	525	n/a	1