

MEMORANDUM

TO: University Facilities Planning Board: Nancy Cornwell - Chair, Walt Banziger - Vice Chair, Kurt Blunck, Allyson Brekke, Jeff Butler, ASMSU President, Michael Everts, Chris Fastnow, Greg Gilpin, Mandy Hansen, Jeff Jacobsen, Patricia Lane, Terry Leist, Tom McCoy, Martha Potvin, Fatih Rifki, Jim Rimpau, Tom Stump, Jim Thull, Cara Thuringer – ASMSU, Brenda York

FROM: Victoria Drummond, Assoc. University Planner, Planning, Design & Construction

RE: **February 12, 2013**, meeting of the University Facilities Planning Board to be held in the **Facilities Meeting Quonset at 3:30 pm**

ITEM No. 1 – APPROVAL OF NOTES

Approval of the draft notes from January 29, 2013.

ITEM No. 2 – EXECUTIVE COMMITTEE REPORT

Report on any current Executive Committee actions.

ITEM No. 3 – CONSENT AGENDA

No items.

ITEM No. 4 – INFORMATIONAL – **Student Project: Camera Obscura Display**
Presenter – Sam Irons

ITEM No. 5 – RECOMMENDATION – **Harrison Street Punch Through and Reconstruction**
Presenter – Candace Mastel

HORIZON ITEMS

- **External Building Signage Policy**
- **Seminar Materials**
- **Master Planning Issues**
- **Revisit and Update Policies**
- **HBO5 Amendment for lab Facility**

VCD/lk

PC:

President Cruzado

Jayson O'Neill, President's Office

Maggie Hammett, President's Office

Allen Yarnell, President's Office

Lisa Duffey, Provost Office

Diane Heck, Provost Office

Victoria Drummond, Facilities PDC

ASMSU President

Heidi Gagnon, VP Admin & Finance

Jennifer Joyce, VP Student Success

Linda LaCrone, VP Research Office

Bonnie Ashley, Registrar

Robert Putzke, MSU Police

Becky McMillan, Auxiliaries Services

Julie Kipfer, Communications

Jody Barney, College of Agriculture

Susan Fraser, College of Agriculture

Robin Happel, College of Agriculture

JoDee Palin, College of Arts & Arch

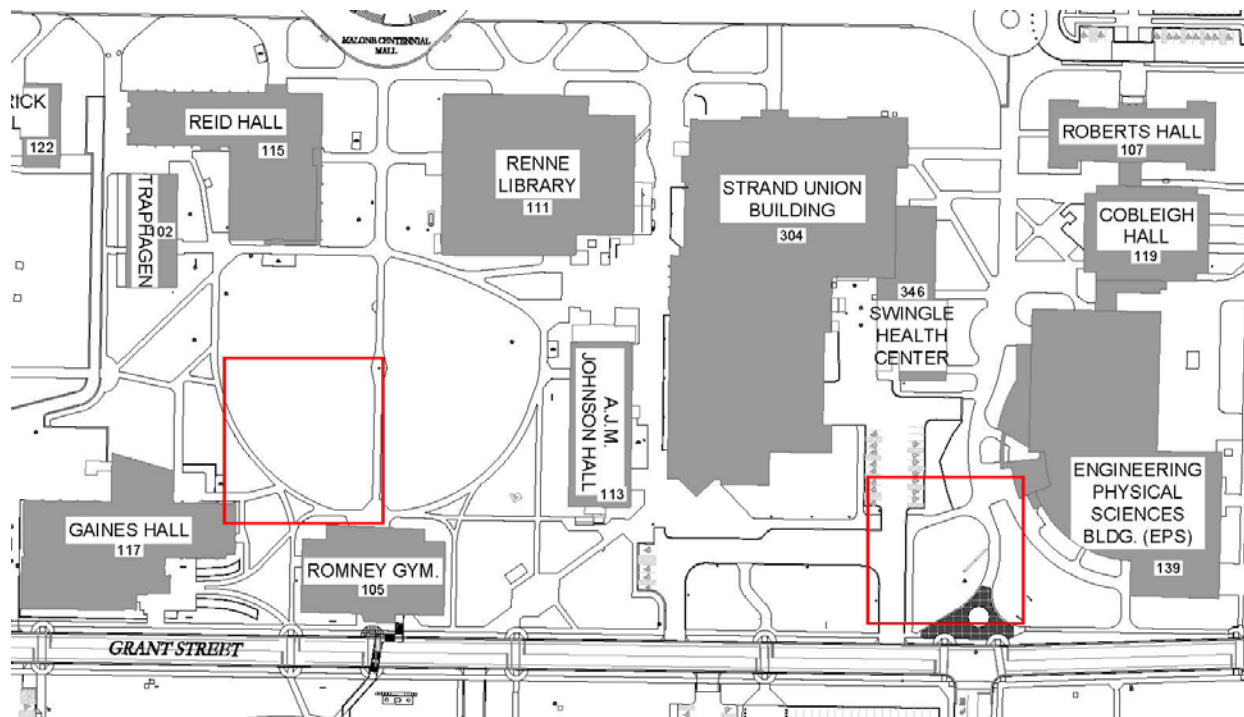
ITEM # 4 Informational	Student Project: Camera Obscura Display
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PRESENTERS:

Sam Irons or Jonathan Long

PROJECT PHASE:	PLANNING	X	SCHEMATIC	DESIGN DOCUMENTS	CONSTRUCTION DOCUMENTS
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VICINITY MAP:



STAFF COMMENTS:

Date of Event:
March 20, 2013

Location of Event:
Romney Flagpole Area.

The camera obscura will be placed between Gaines and Romney Halls for the visiting artist lecture and unveiling March 20th. It will then be moved in front of the sub on the eastern knoll by the noodle.

Sponsoring organization:
School of Art and School of Architecture

Purpose and complete description of program:

A center piece in the Presidents fine art series, the Camera Obscura aims to raise awareness of the programs offered in the school of arts and architecture. The structure will also travel around the community as part of an outreach program connecting with students from around Montana.

Equipment used:

A modular structure proposed with a footprint no larger than 16x16 will be assembled and disassembled with the aid of a forklift at the different sites.

Environmental Impact:

Crushed grass is likely at the two proposed sites. There will likely be increased traffic to these locations; however both spots were already selected as high traffic areas to raise visibility for the project.

COMPLIANCE:	YES	NO
MSU POLICIES	X	
COMMITTEE OR APPROPRIATE REVIEW	X	
MASTER PLAN	N/A	
BOARD ACTION REQUIRED:		
Informational		

ITEM # 5

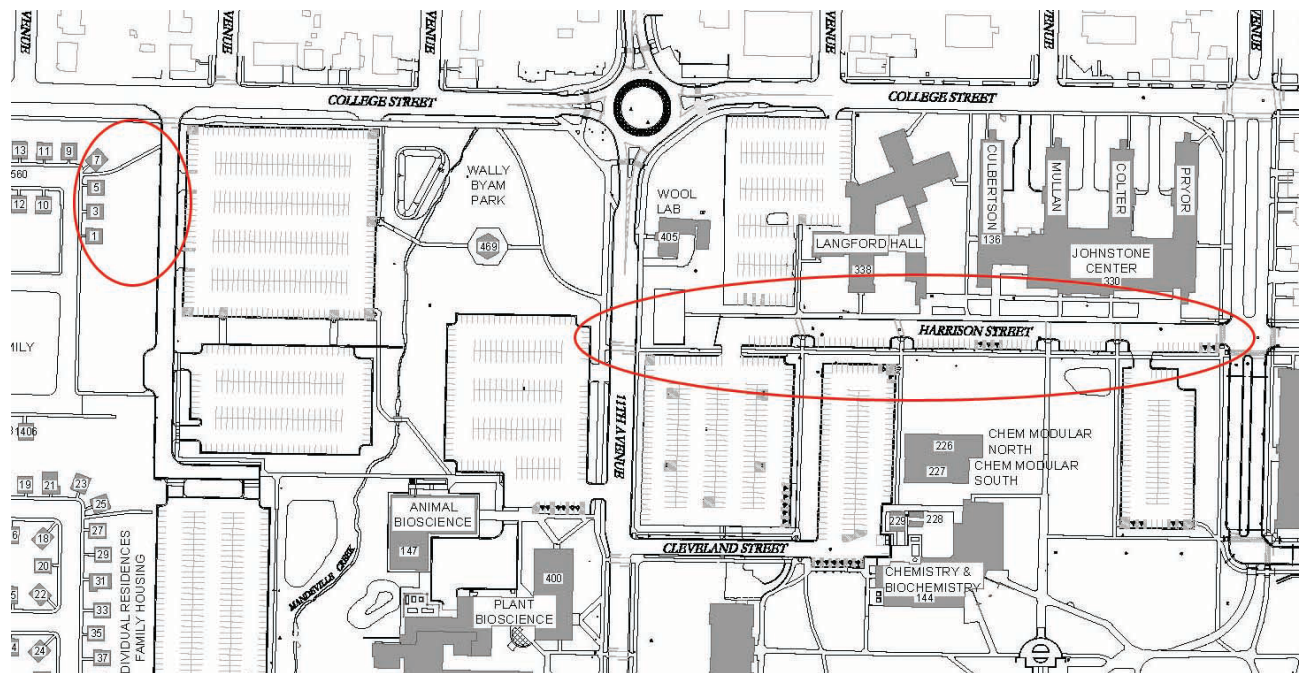
West End Harrison Street Reconstruction

PRESENTERS:

Candace Mastel, Assistant Planner

PROJECT PHASE:	PLANNING	SCHEMATIC	DESIGN DOCUMENTS	CONSTRUCTION DOCUMENTS	X
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VICINITY MAP:



STAFF COMMENTS:

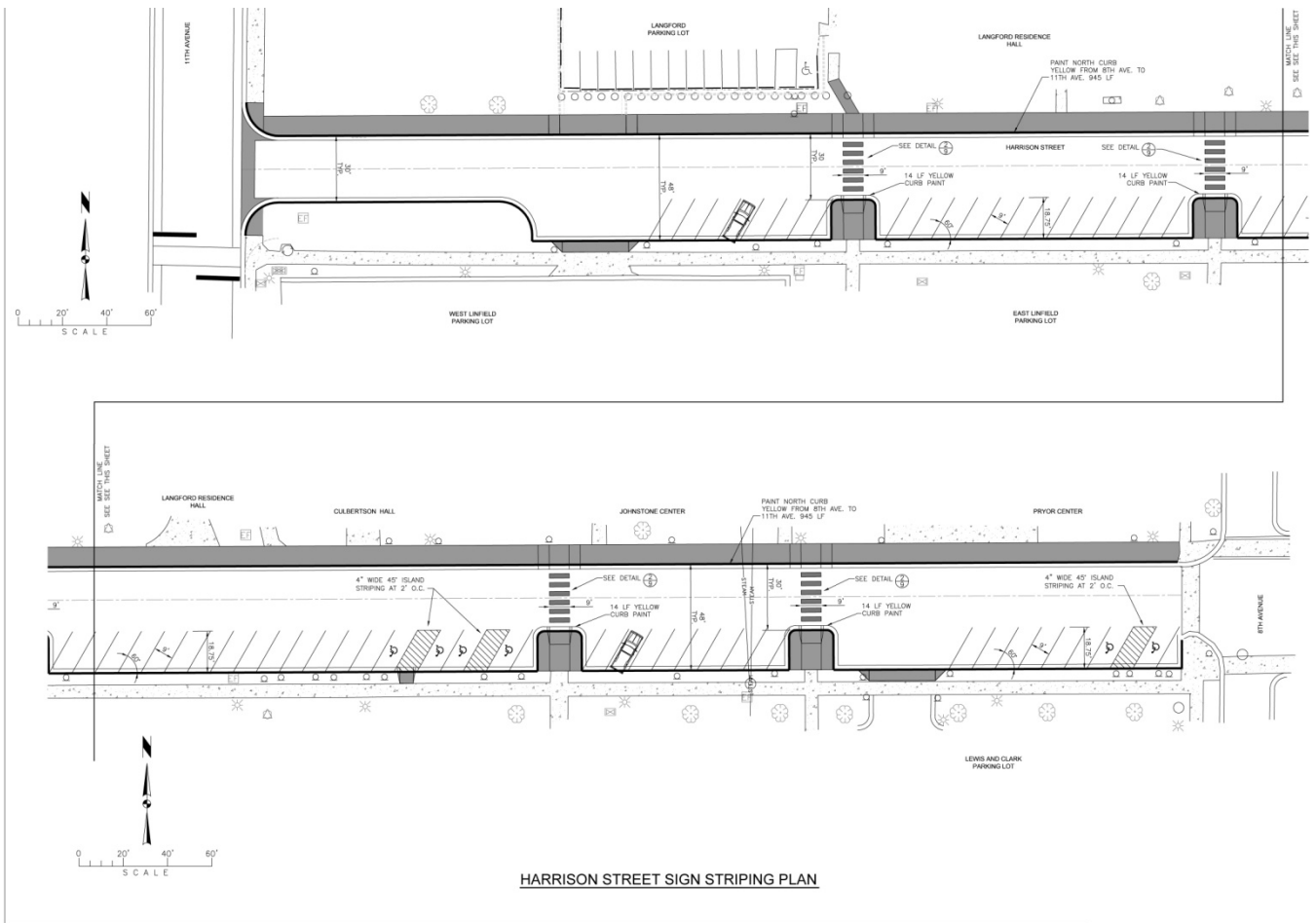
Harrison Street, from South 8th Avenue to South 11th Avenue will undergo a total reconstruction this spring and summer, including new pavement, curb and gutter, and some utility upgrades or replacement. In addition, a major component, as is illustrated in the drawings, is the removal and relocation of the existing basketball court in order to make room for the extension of Harrison Street to South 11th Avenue. The basketball court will be rebuilt west of the Antelope Lot.

A noticeable change in the parking concept can be noticed in the proposed project, mainly in that a 90-degree parking scheme has been replaced with a diagonal, back-in, angled parking scheme on the south side of the street. This scheme has been identified as providing increased safety for pedestrians and has been well received in other areas of the country. Included in the reconstruction is a new section of parking on the south side of Harrison Street, between the Linfield Lot drive access and South 11th Avenue. Also

included is improved storm sewer service for the street and steam line replacement under the street to the connection in the tunnel alongside Johnstone Center. The new storm sewer will increase surface area drainage and more inlets to handle water from impermeable surfaces. A new access will be provided from the Langford Lot onto Harrison Street and new pedestrian street crossings and bump-outs will be constructed to compliment the new parking scheme.

Construction is planned to begin the day after commencement and be complete by Fall of 2013. The road is planned to be reopened and functional for Move In Day.

Note: At the time this staff report went to print there was a new development in the project, involving the potential development of back-in, angled parking on the north side of the street also. This concept is currently being developed and will be presented at the meeting. This concept should be discussed with several factors in mind, including the overall best use of this space, adherence to the Long Range Campus Development Plan, safety of pedestrians, and aesthetics of the overall area.



COMPLIANCE:	YES	NO
MSU POLICIES	X	
COMMITTEE OR APPROPRIATE REVIEW	X	
MASTER PLAN	X	
BOARD ACTION REQUIRED:		
Recommend approval for design drawings of West Harrison Street reconstruction.		
RECOMMENDATION OUTCOME:		

**MEETING NOTES OF THE
UNIVERSITY FACILITIES PLANNING BOARD
January 15, 2012**

- Members Present:** University Facilities Planning Board: Nancy Cornwell - Chair, Walt Banziger - Vice Chair, Kurt Blunck, Jeff Butler, Greg Gilpin, Mandy Hansen, Patricia Lane, Linda LaCrone for Tom McCoy, Ritchie Boyd for Martha Potvin, Fatih Rifki, Brenda York
- Proxy:** Michael Everts carried by Walt Banziger, Chris Fastnow carried by Ritchie Boyd, Bob Lashaway carried by Jeff Butler, Jim Rimpau carried by Brenda York, Jim Thull carried by Mandy Hansen
- Members Absent:** Allyson Brekke, Jeff Jacobsen, Tom Stump, Cara Thuringer – ASMSU
- Guests:** EJ Hook, Jami Lorenz, Robert Putzke, Dennis Raffensperger, Bill Rea, Bryan Tate, Bob Warfle

The University Facilities Planning Board met beginning at 3:30 pm to discuss the following:

ITEM No. 1 – Approval of Meeting Notes

Lane moved to approve the meeting notes from January 15, 2013. Boyd seconded the Motion. The meeting notes were approved unanimously.

ITEM No. 2 – Executive Committee Report

There was no action from the Executive Committee to report.

ITEM No. 3 – Consent Agenda

No items.

ITEM No. 4 – Informational – Tree Campus USA Application

EJ Hook presented an overview of the application for Tree Campus USA. This is a program managed by the Arbor Day Foundation that recognizes college and university campuses for their efforts. Campuses have to meet five standards: have a tree committee, a tree care plan, a dedicated budget, an Arbor Day observance every year, and service learning. One goal is to maintain our urban forest canopy at 10%. Cornwell questioned if the removal of trees for the College of Business reduces us below the 10% urban canopy and Hook replied that we are only losing a tenth of a percent and clarified that the 10% canopy is the actual canopy we have at this moment in time. All trees are included and a lot of younger trees will continue to grow. The loss of the 14 trees, and the canopy they represent, will be replaced by the growth in our juvenile trees. While it may not be enough in other instances it does reach the canopy goal. We find out in March or April if we are recognized as a Tree Campus USA.

ITEM No. 5 – Recommendation – Creative Arts Complex (CAC) Exterior Architectural Treatments

Dennis Raffensperger presented an overview of the Creative Arts Complex (Cheever, Haynes and Howard Halls) exterior architectural treatments. This project is for seismic upgrades and is primarily funded by a \$2.4 million FEMA grant. The state of Montana is funding 25% as required matching funds for the grant. BCE Engineering, Mosaic Architecture and Langlass Construction are all part of the design team. Seismic loads will be restrained by new reinforced shear walls and brace frames. Use of shear walls versus brace frames are dependent on a number of factors. Braced areas have to be tied to a foundation to restrain the loads. Masonry walls that are replaced can be tied to an existing foundation. If no foundation is available a new foundation has to be constructed. That's why they are looking at the inside and outside of a wall. Tunnels for utilities underneath the complex complicate this. A foundation can't be made where there is a tunnel under the location. In those cases a frame would be added to the outside of the wall where a new foundation can be made. In Howard Hall most of the additive structure will be on the outside of the building, Cheever Hall will have interior and exterior structure, and Haynes Hall will have most of it inside. Construction of either sheer walls or brace frames outside the building is complicated by how to treat those frames from an aesthetic and functional standpoint. Since the brick can't be replicated for an exterior shear wall it will be a concrete block and then be covered. For an exterior steel brace frame different styles and materials were looked at, but because of potential climbing, pigeons roosting on them, and maintenance for dirt and rust they will be covered. The bridge connecting to the elevator to Cheever Hall will be removed and Cheever Hall will get its own elevator. The existing elevator will be dedicated to Haynes Hall and will be enclosed.

Additional windows were identified to be put in since some of the walls are coming down. The FEMA grant will not cover them, but there is potential use of the Academic Building R&R funds (\$125,000). Another planned request (not yet reviewed by UFPB) is \$134,000 to replace seating in Cheever Hall Room 215. Banziger mentioned the Classroom Committee has identified Room 215 as second in priority of large tier classrooms for major renovation. Banziger questioned if the seating should be done with a major renovation and if that classroom should be moved up to priority one

The coverings on Howard Hall will be either a flat metal panel type with grooved joints or a vertical panel type. The final color options will come back to UFPB as an informational item. Panels will cover the brace frames at the elevator for Haynes Hall, but the brace frames under Cheever Hall Room 215 will be either exposed or have a mesh enclosure. Cascading stairs will be added to Haynes Hall to retain emergency egress. Cornwell questioned if the stairs would eliminate the sculpture garden and Raffensperger replied that it will be affected, but not eliminated. Cornwell also questioned the placement of the frame under

Cheever Hall Room 215 as it will be where people walk. Lorenz explained that it can't be placed differently because of the tunnel underneath.

Raffensperger addressed an issue raised by Everts in an email. Everts objects to the plan from a design standpoint and feels the school teaches that the form of a building and its function should be both legible and act together. He argues that the bracing should be exposed to view. The building committee has discussed that issue, but decided the frames should be covered for the reasons stated previously. Banziger read Everts' concerns to the Board. Everts believes there is a different way to brace it that doesn't require any cladding. Cornwell asked Rea and Rifki if they could talk about that issue. Rea gave an example of a poor retrofit at City College in New York City that has exposed x-bracing on the exterior of the building and is horrendous. While he understands Everts' concerns, he does recommend the panel covering. He added that the bracing under Room 215 and interior bracing is exposed. He also commented that there is the function of maintaining the building and making it safe. The covers will eliminate maintenance costs and make it safe. Rifki commented about truth in design and believes paneling is no more than applied decoration. He believes there are creative solutions to be found. Buildings need to be maintained and it is not an added cost. Cornwell commented that there is a timing issue and decisions have to be made. The schedule is to have Howard Hall and Cheever Hall done this summer. They are not doing Haynes Hall this summer so there is space for faculty offices and studios. Haynes Hall will be done summer 2014. To achieve the schedule this summer they are short on time with finalizing the design and moving forward with ordering steel. Cornwell inquired if there was a middle ground and suggested the bracing be covered at a later time. Rifki responded that the solution is to not have the intent to cover. Raffensperger had Lorenz talk about the other kinds of designs as opposed to a standard x-frame that might be possible. The other options presented were too expensive or had maintenance and safety issues. The x-frame is the most efficient structural frame. Raffensperger reiterated that the cladding does have function.

The board decided to divide the recommendation into two. One is for the character of exterior additions with covers, and the other is for use of \$125,000 from the Academic Building R&R Fund for addition of windows to academic areas. Butler moved to approve use \$125,000 of the Academic Building R&R Fund to support additional windows. Rifki seconded the Motion. The vote:

Yes: 14
Abstain: 2 (Everts, Thull)
Motion carried.

York moved to approve the exterior bracing and covers with details to be determined. Butler seconded the Motion. The vote:

Yes: 13
No: 3 (Everts, Rifki, Blunk)
Motion carried.

ITEM No. 6 – Recommendation – Proposed Parking Improvements

Robert Putzke presented an overview of proposed parking improvements. Parking Services manages about 5,500 spaces and distributes about 8,000 parking permits. They have never, until recently, used up that parking. In past years at peak hours there were 200 – 300 spaces still available. Days with events going on take up a lot of parking. In the past, with high use at peak hours, they would still have about 250 spaces open around campus. This year with the influx of new students, faculty, staff and outreach programs along with a big snowfall day and athletic event they had about 50 spaces left. Since they were spread out, they essentially ran out of parking. He proposed three solutions for next fall with the lowest investment: 1) make additional overflow available at the Stadium and at Lincoln Street and 19th Avenue, 2) adjust parking type allocations, and 3) pave the Fieldhouse lot and expand S&B spaces. Pay parking is overcrowded so it would expand to double the size. The

reserved spaces near the pay parking would also be expanded. The Fielhouse lot would include green belts, retention ponds, lighting, emergency phones, and a relocated crosswalk.

There is a parking long term R&R account. To cover the long term repair and replacement \$20 million is needed. Since fees haven't increased in the last five years they have been using money from the long term R&R account to cover the annual maintenance needs for the parking lots. A modest increase in fees is proposed. Permits would increase by \$5 next year and another \$5 the year after to help rebuild the funds that were used out of the R&R account. Hansen questioned if there would be an increase to the pay lot rates and Putzke replied that there will be so it keeps the rest of the permit fees lower. Butler moved to approve the proposed parking improvements and increase in fees. Boyd seconded the Motion and it was unanimously approved.

Yes: 14
No: 0
Motion carried.

This meeting was adjourned at 5:15 p.m.

VCD:lk

PC:

President Cruzado

Jayson O'Neill, President's Office

Maggie Hammett, President's Office

Allen Yarnell, President's Office

Lisa Duffey, Provost Office

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