SUMMARY OF WORK:

CLASSROOM INTERIOR UPGRADES

DESCRIPTION:
The existing 2 classrooms are to be combined into a larger updated classroom. This will include new ceilings, soffits, wall finishes, lighting, flooring and furniture. The existing structure will maintain its 1 HR rating.
1. REMOVE WALL ("12" GYP., BLK WALL" PER ORIGINAL DRAWINGS) IN ITS ENTIRETY. COORDINATE WITH ABATEMENT FOR TESTING OF WALL PRIOR TO DEMO.

2. PROTECT ANY & ALL STRUCTURE.

3. REMOVE EXISTING DOOR & FRAME.

4. DEMOLISH WALL FOR NEW DOOR LOCATION.

5. PROTECT (E) CHASE WALLS.

6. REMOVE (E) WOOD PANELING & (E) FURRING STRIPS ALONG ENTIRETY OF THIS WALL.

7. REMOVE (E) CEILING.

8. REMOVE (E) SOFFIT. SEE MEP FOR MECHANICAL DUCTS LOCATED WITHIN SOFFITS.

9. REMOVE EXISTING AV EQUIPMENT.

10. DEMO STAGE AND STRUCTURE.

11. VERIFY EXISTING RISER CAN BE BUILT OVER WITH NEW RISERS.

12. REMOVE EXISTING RISERS THAT DO NOT CONFORM WITH NEW RISER LAYOUT AND HEIGHTS.

13. PROTECT EXISTING HVAC.

14. REMOVE (E) FINISH FLOOR AND PREP FOR CARPET. COORDINATE WITH ABATEMENT FOR REMOVAL OF FINISH FLOOR.

15. REMOVE (E) WINDOW COVERINGS.

16. ALTERNATE: CORE DRILL (E) SLAB (3" SLAB ON CORRUFORM PER ORIGINAL DWGS) FOR NEW IN-FLOOR POWER. SEE ELECTRICAL FOR ADDN INFO.
LEVEL 4 - AS BUILTS

T.O. ROOF CONC SLAB

136' - 0"

3 2 1

2405 SF

CLASSROOM 401-402

1-HOUR RATED ASSEMBLY SEE DETAIL

ACOUSTIC CEILINGS

METAL PANEL SOFFITS, SEE ALTERNATE NOTES

WHITE BOARD SEE ELEVATIONS

CHAIR RAIL TYP.

8'-6"

10'-0"

RATED CLG

10'-8 7/8"

ACT1 10'-0"

EXTEND FRAMING TO RATED CLG MECH VERT CHASE

2 LAYERS 1/2" TYPE X GWB TO MAINTAIN 1 HR RATED WALL ASSEMBLY

HORIZONTAL DUCT BEYOND METAL PANEL SOFFIT

FIRE DAMPER LOCATION

PROVIDE FIRE CAULKED JOINT GYP TO DECK

ALTERNATE METAL PANEL SOFFIT SHOWN, SEE ALTERNATE NOTES.

RATED CLG

10'-8 7/8"

METAL PANEL SOFFITS, SEE ALTERNATE NOTES

EXISTING WALL CONT. SEALANT JT., COLOR MATCH TO SOLID SURF. MTL.

1/2" SOLID SURFACE MATERIAL

EXISTING WALL CONT. SEALANT JT., COLOR MATCH TO SOLID SURF. MTL.

ADHESIVE CONT. SEALANT JT., COLOR MATCH TO SOLID SURF. MTL.

SQUARE EDGE BASEBID:

GWB - GYPSUM WALLBOARD SOFFIT

1. CONTINUOUS GWB WITH REVEAL ON FACE, SEE DETAIL.

2. MODIFY FRAMING DIMENSIONS TO INCORPORATE 1 3/8" GIVEN FOR ALTERNATE METAL PANEL SOFFIT ASSEMBLY.

3. 8'6" CEILING HEIGHT AS DRAWN IN RCP TO MAINTAIN IN BASEBID.

SECTIONS SHOW METAL PANEL SOFFIT ALTERNATE.

ALTERNATE NOTES

ALTERNATE: MC1

1. PERFORATED METAL PANELS WITH BAMBOO REVEALS

2. SEE FINISH LEGEND FOR FINISHES

3. ALTERNATE MC1 AS SPECIFIED IN DRAWINGS

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Helena, Montana 59601
406.449.2013 phone
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MONTANA STATE UNIVERSITY
BOZEMAN, MONTANA
PHONE: 406.994.5413
FAX: 406.994.5665

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406.994.5665

1/4" = 1'-0" REF: 1/ A100
CROSS SECTION - REID 401,402

1/4" = 1'-0" REF: 1/ A100
LONGITUDINAL SECTION - REID 401,402

3/4" = 1'-0" REF: 3/ A300
WALL SECTION 014

1" = 1'-0" REF: 2/ A300
CHAIR RAIL DETAIL

MSU CLASSROOM RENOVATIONS 2019
REID HALL 401,402 - 100% CD SET

01/23/2019

WALL SECTION 01
WALL SECTION 02
WALL SECTION 03
### REID 401-402 OPTION 1 FURNITURE SCHEDULE

<table>
<thead>
<tr>
<th>SAMPLE IMAGE</th>
<th>RM</th>
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<th>MODEL TYPE</th>
<th>DESCRIPTION</th>
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<td>CH-1</td>
<td>Chair_loose_KI-Learn2-IntellectWave</td>
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<td>CH-2</td>
<td>ADJ TABLET CHAIR_CASTERS</td>
<td>MOVABLE CHAIR WITH ADJUSTABLE TABLET</td>
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<td>WB1</td>
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<td>WB2</td>
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Grand total: 174
**REID 401/402 POWER & SIGNAL DEMOLITION PLAN**

**REID 401/402 POWER & SIGNAL RENOVATION PLAN**

**KEY NOTES:**

1. **Demo Contractor: (Typ. 4)**
   - Use existing raceway & receptacles. Provide new circuiting shown in View #2.
   - Coordinate exact location with MSU prior to rough.
   - Remove existing raceway, conduit & raceway boxes. Coordinate exact location with the architect and MSU prior to rough.

2. **Landscape (Room 438CU):**
   - Electrical panels 'H' not in scope.
   - Provide new 20A 1P breakers as required in existing panel 'Z'.
   - Route 120V feeder as required from existing projector to existing electrical panel 'Z'.
   - Use existing feeder. Coordinate exact location with MSU before final placement of materials.

3. **Electrical Panels 'H':**
   - Provide series V700 wiremold OAE.
   - Use existing raceway feeder(s) from existing electrical panel.
   - Use existing circuit. Coordinate exact location with MSU.

4. **Use Existing Conduit & Raceway: (Typ.)**
   - Use existing conduit & raceway to perform the required work depicted on this sheet.
   - Electrical contractor is responsible for all cutting of floors, walls, ceilings, and roofs to perform the required work depicted on this sheet.
   - No additional cuts required. Coordinate exact location with MSU.

5. **Landscape (Room 457):**
   - Coordinate exact location with MSU.
   - Remove existing raceway between two noted devices and replace as shown in View #2.
   - Remove existing conduit and raceway boxes. Coordinate exact location with MSU prior to rough.

**GENERAL ELECTRICAL NOTES:**

- Use existing raceway & receptacles. Provide new circuiting shown in View #2.
- Coordinate exact location with MSU prior to rough.
- Cooper series V700 wiremold OAE. Use existing feeder(s) from existing electrical panel.
- Use existing circuit. Coordinate exact location with MSU.
- Use existing raceway feeder(s) from existing electrical panel.
- Coordinate exact location with MSU before final placement of materials.
**KEY NOTES:**

- All existing electrical devices and lights shown in grey are existing to remain.
- Electrical devices and lights shown in dashed black & specifically noted as ‘DEMO’ are to be demolished, UNO.
- It is absolutely necessary for all trades involved to coordinate with each other and verify that there are no conflicts in location of ducts, conduits, diffusers, boxes, and other items throughout this project before final placement of materials.
- The electrical contractor is responsible for all cutting of floors, walls, ceilings, and roofs to perform the required work depicted in these documents. The contractor is responsible for all patching of holes to the satisfaction of the architect/engineer.

**GENERAL ELECTRICAL NOTES:**

- Provide series 2400D Divided Wiremold OAE to lighting control switches. Share Wiremold with keyed switches. Stack keyed switches directly above lighting control switches. Route Wiremold tight to window.
- Route Wiremold directly into surface mounted exit sign. Do not use back box or junction box for lighting control.
- Provide 5-gang box for (5) LMDM-101 Digital Dimmers. See detail #1 on Sheet E001.
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