1. Compliance questions may be elsewhere in this set of drawings. All construction shall comply with all current and
   existing codes.

2. The following is a summary of code:

   - The existing facility is divided into two buildings with a 2hr fire wall. Buildings are identified as North and
     South Building.
   - South Building:
     - 78,450 sf
   - North Building:
     - 61,370 sf

3. South Building
   - Occupancy Classification: 3800 / 100 = 38
   - Labs
   - Assembly at portions of floor 1, North buildings
   - 4 at portions of floor 1, North and South buildings
   - DN 78,450 sf

4. North Building
   - Open Stair added at from Level 1
   - Smoke doors removed at lobby elevator, floors 1
   - Coordinate any times that this area will not be accessible due to construction activity

5. Construction Schedule:
   - 2017-03-03 - MSU Barnard Hall CD.rvt

6. Staging and Schedule Notes:
   - All construction shall be substantially complete by February 1, 2017.
DEMO WOOD PANEL SYSTEM INCLUDING SUPPORTS & ALL ACCESSORIES THIS WALL

DEMO PORTION OF PORTICO INCLUDING CONC COLUMN, STEEL STRUCTURE, MASONRY VENEER, ROOFING, & ALL ACCESSORIES

DEMO HM DOOR, FRAME, & ALL ACCESSORIES, PREP FOR INFILL

DEMO ENTIRE CEILING IN LOBBY AREA

REMOVE ALL ALUM FRAMED STOREFRONT AT ENTRY AREA, U.N.O., CONTRACTOR OPTION: SALVAGE GLASS UNITS FOR REUSE.

DEMO BRICK VENEER BETWEEN DOORS

DEMO ALL RUBBER FLOOR & ACCESSORIES IN LOBBY AREA

DEMO ALL RUBBER FLOOR & ACCESSORIES IN VESTIBULE AREA

DEMO HM DOOR, FRAME, & ALL ACCESSORIES, PREP FOR NEW HM DOOR & FRAME

FLOOR MOUNTED HOLD OPEN TO REMAIN

SALVAGE DOOR ACTUATORS FOR REUSE

REMOVE AND STORE BUILDING DIRECTORY & DONOR SIGNAGE.

DEMO TUBE STL RAILING & GLASS & WOOD PANEL SYSTEM AT ENTIRE FLOOR OPENING. 2x10 TUBE STEEL BASE TO REMAIN

DEMO 2x10 TUBE STEEL BASE TO ACCOMMODATE (N) STAIR

DEMO WOOD PANEL SYSTEM INCLUDING SUPPORTS & ALL ACCESSORIES THIS WALL
This drawing is not intended nor shall it be used for construction purposes unless the signed professional stamp of a registered architect employed by Comma-Q Architecture, Inc. is affixed above.
1" TYP.

11" TYP.

1 1/2"x1 1/2" STL ANGLE

With exposed fasteners, coordinate fasteners with masonry joints, blackened top tread to be flush with (E) floor finish.

Level 2

Glass railing system

114' - 8"

05 73 10

WD-1, fastened to 3/4" plywd backing

1/8" shims

Precast conc. tread w/ cast iron nosing

2" composite slab, SSD

Stl stringer, SSD

Blackened finish

2" composite slab, SSD

3 5/8" MTL FRAMING

Stl bracket, SSD

Exposed at riser

Blackened finish

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**EXISTING LIGHTING CONTROL PANEL 'INDM'**

<table>
<thead>
<tr>
<th>CIRCUIT</th>
<th>DESCRIPTION</th>
<th>LOAD (WATTS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1080 VA 180 VA 180 VA</td>
<td>3 3 3</td>
</tr>
<tr>
<td>2</td>
<td>9 A 2 A 2 A</td>
<td>3 4 3</td>
</tr>
</tbody>
</table>

**EXISTING LIGHTING CONTROL PANEL 'INDME'**

<table>
<thead>
<tr>
<th>CIRCUIT</th>
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<th>LOAD (WATTS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>100 1800 3 3</td>
<td>3 3 3</td>
</tr>
</tbody>
</table>

**LUMINAIRE SCHEDULE**

**B1E LED**
- Same as Type B1, except Circuit via Emergency Circuit as shown on plans.
- Luminii ToVE T-SR-S8-5-F-3-F-835

**D1**
- 23W LED 6” Downlight Gotham EV0-35/20-6AR-MWD-LS-MVOLT-

**D2**
- 23W LED 6” Downlight Gotham EV0-35/20-6AR-MWD-LS-MVOLT-

**B1 FIXTURES**
- (R) Sculpture Light Y 100 EXISTING CONTACTOR

**S2E LED**
- 4’ Linear LED Compact Surface Mount Fixture, with Integral Occupancy Sensor & Auto Dim to 50% when Unoccupied.
- Circuit via Emergency Circuit as shown on plans.
- Luminii ToVE T-C-4-7-835-F-D010-WH SURFACE/ 277 1

**C1 LED**
- 8’ Linear Ceiling Mount Fixture Luminii ToVE T-C-8-7-835-F-D010-WH SURFACE/ 277 1

**C2 LED**
- 4’ Linear Ceiling Mount Fixture Luminii ToVE T-C-4-7-835-F-D010-WH SURFACE/ 277 1

**X1 LED**
- Exit Sign, Die-Cast Aluminum Housing, Red Letters, with Self-Diagnostics.
- Lithonia LE-S-1-R UNIVERSAL/ 277 1

**D2 23W LED**
- 6” Downlight Gotham EV0-35/20-6AR-MWD-LS-MVOLT-

**X2 LED**
- 4’ Lineal LED Compact Surface Mount Fixture, with Integral Occupancy Sensor & Auto Dim to 50% when Unoccupied.
- Circuit via Emergency Circuit as shown on plans.
- Lithonia WL4-30L-EZ1-LP835-N80-

**X1 LED**
- Exit Sign, Die-Cast Aluminum Housing, Red Letters, with Self-Diagnostics.
- Lithonia LE-S-1-R UNIVERSAL/ 277 1

**MONTANA STATE UNIVERSITY, BARNARD HALL ENTRY REMODEL**

**ARCHITECTURE, INC.**

**CONSULTANTS**

**PROJECT #:**

**DATE:**

**NO.:**

**E0.2**
1. LEVEL 1 POWER & SYSTEMS DEMOLITION PLAN

2. LEVEL 2 POWER & SYSTEMS DEMOLITION PLAN

3. LEVEL 3 POWER & SYSTEMS DEMOLITION PLAN

**GENERAL ELECTRICAL NOTES**

- This drawing is not intended nor shall it be

**DATE**

3766.027

**DEMOLITION PLANS**

- OF MONTANA STATE UNIVERSITY, BARNARD HALL ENTRY REMODEL

- BLOOMFIELD

- ANIETL

- ED1.1

- Bozeman, Montana

- 03/23/2017

**CONSTRUCTION DOCUMENTS**

- MONTANA STATE UNIVERSITY

- BARNARD HALL MEP R17.rvt

**KEY NOTES:**

- SAVE CASEWORK POWER SD D 1 FOR REINSTALLATION AFTER NEW CEILING IS COMPLETE. SAVE EXISTING DEMOLISHED DEVICE FOR REINSTALLATION.

- SAVE EXISTING WIRING FOR CONNECTIONS/OUTLETS AT NORTH WALL & ASSOCIATED DEMO ALL WIREMOLD ON S A.

- DEMO AREA OF DEMOLISHED SD

- DEMO AREA OF REFUGE MASTER STATION. PROVIDE BLANK OPERATORS.

- RESULTING OPENING.

- ADA CORNER 102B

- SAVE EXISTING STOREFRONT & REMOVE ADA ACTUATORS FROM SD D

- SAVE VOLTAGE AV WIRING CONTRACTOR TO DEMO ALL CABLE TRAY IN THIS AREA, SEE E1.1

- MICROWAVE SENSOR BY MSU;

- USE AT NEW STUDY BAR.

- DEMO AREA OF REFUGE MASTER STATION. PROVIDE BLANK OPERATORS.

- RESULTING OPENING.

- ADA CORNER 102B

- SAVE EXISTING STOREFRONT & REMOVE ADA ACTUATORS FROM SD D

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- SAVE VOLTAGE AV WIRING CONTRACTOR TO DEMO ALL CABLE TRAY IN THIS AREA, SEE E1.1

- MICROWAVE SENSOR BY MSU;

- USE AT NEW STUDY BAR.
LEVEL 1 LIGHTING DEMOLITION PLAN

LEVEL 3 LIGHTING DEMOLITION PLAN

LEVEL 2 LIGHTING DEMOLITION PLAN

1/8" = 1'-0"

SAVE FEEDER FROM PANEL TO LOBBY FOR CKT 1NDM

(4) SUSPENDED FIXTURES TO NEW ACOUSTICAL CEILING.

REMAIN. REMOVE DURING DEMO (5) 2x2 FIXTURES

INSTALL IN 1NDM - 1NDM - 1NDM - 1NDM - 1NDM

NEW FIXTURE(S) IN SAME LOCATION(S).

ALTERNATE 2: DEMO (10) WALL MOST FIXTURES. SEE SHEET E2.1 FOR BASE BID: DEMO ONLY (2) EASTERN FIXTURES AS SHOWN. RE USE BOX, CONDUIT, WIRE, ETC.

EXIT SIGN(S) TO REMAIN; REMOVE, DEMOLITION AS REQUIRED

DIMMER ASSOCIATED LIGHTING & DEMO TRACK

SAVAGE ANY DESIRED ITEMS FOR MSU'S USE.

COORDINATE DEMOLITION OF LIGHTS & OTHER DEVICES WITH MSU, AND DASHED & DENOTED WITH A '(D)' ARE TO BE DEMOLISHED.

ARCHITECT: Architecture, Inc. is affixed above.

ARCHITECT EMPLOYED BY Comma signed professional stamp of a registered used for construction purposes unless the

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**LEVEL 1 POWER & SIGNAL PLAN**

- **General Electrical Notes:**
  - **General:**
    - All wiring must be installed in accordance with the National Electrical Code (NEC) and local electrical codes.
    - All electrical panels must be properly labeled and identified.
    - All electrical connections must be made with UL-listed devices.
  - **Receptacles:**
    - Provide (2) 120V circuits; receptacle every 3'.
    - Provide (2) 120V circuits; receptacle every 3'.
    - Provide (2) 120V circuits; receptacle every 3'.
  - **Wiring:**
    - Provide Wiremold 3000 series, grey color, with a 20A duplex receptacle.
    - Duplex receptacles. Coordinate exact location with architect. Install per manufacturer recommendations.
    - New floor pedestal: LEW Electric FDN-300 under new raised wooden floor.
    - New receptacle in new CMU wall as shown.
    - Replacement existing receptacle in this location. Extend box as required for flush mount in new wooden wall.
  - **Other:**
    - A360:// MSU Barnard Hall Lobby Renovation MSU/MSU BARNARD HALL MEP R17.rvt

**LEVEL 2 POWER & SIGNAL PLAN**

- **General Electrical Notes:**
  - **General:**
    - All wiring must be installed in accordance with the National Electrical Code (NEC) and local electrical codes.
    - All electrical panels must be properly labeled and identified.
    - All electrical connections must be made with UL-listed devices.
  - **Receptacles:**
    - Provide (2) 120V circuits; receptacle every 3'.
    - Provide (2) 120V circuits; receptacle every 3'.
    - Provide (2) 120V circuits; receptacle every 3'.
  - **Wiring:**
    - Provide Wiremold 3000 series, grey color, with a 20A duplex receptacle.
    - Duplex receptacles. Coordinate exact location with architect. Install per manufacturer recommendations.
    - New floor pedestal: LEW Electric FDN-300 under new raised wooden floor.
    - New receptacle in new CMU wall as shown.
    - Replacement existing receptacle in this location. Extend box as required for flush mount in new wooden wall.
  - **Other:**
    - A360:// MSU Barnard Hall Lobby Renovation MSU/MSU BARNARD HALL MEP R17.rvt

**LEVEL 3 POWER & SIGNAL PLAN**

- **General Electrical Notes:**
  - **General:**
    - All wiring must be installed in accordance with the National Electrical Code (NEC) and local electrical codes.
    - All electrical panels must be properly labeled and identified.
    - All electrical connections must be made with UL-listed devices.
  - **Receptacles:**
    - Provide (2) 120V circuits; receptacle every 3'.
    - Provide (2) 120V circuits; receptacle every 3'.
    - Provide (2) 120V circuits; receptacle every 3'.
  - **Wiring:**
    - Provide Wiremold 3000 series, grey color, with a 20A duplex receptacle.
    - Duplex receptacles. Coordinate exact location with architect. Install per manufacturer recommendations.
    - New floor pedestal: LEW Electric FDN-300 under new raised wooden floor.
    - New receptacle in new CMU wall as shown.
    - Replacement existing receptacle in this location. Extend box as required for flush mount in new wooden wall.
  - **Other:**
    - A360:// MSU Barnard Hall Lobby Renovation MSU/MSU BARNARD HALL MEP R17.rvt
BASE BID: NO ELECTRICAL S1E FIXTURES AS SHOWN.

1/8" = 1'-0"

WORK IN STAIRWELL

KEY NOTES:

1. PROVIDE THE (2) 'W2E' FIXTURES ONLY.
2. ALTERNATE 2: REPLACE (10) EXISTING LIGHT FIXTURES

GENERAL ELECTRICAL NOTES

1. PROVIDE FIXTURE WITH INTEGRAL EMERGENCY BATTERY BACKUP AS PHOTCELL.
2. TYPE C1 LUMINAIRES IN THIS AREA SHALL BE CONTROLLED VIA OCCUPANCY SENSOR.
3. TYPE C2 LUMINAIRES IN THIS AREA SHALL BE CONTROLLED VIA PHOTOCELL.
4. NEW LIGHTING IN LOBBY TO BE CIRCUITED & CONTROLLED VIA DOORWAY AS SHOWN.
5. EXISTING LIGHTING CONTACTORS 'C2B' (CKT 2N1H -6) & 'CE2A' (CKT 3N1H -8) TO BE REUSE / REINSTALL IN SAME LOCATION IN NEW CEILING.
6. 1S1H-2 LIGHTING IN STUDY BAR PROVIDED BY OTHERS USED.
7. CONNECTION AS SHOWN.
8. CONTROLLED BY CONTACTOR E1.
9. LIGHTING CIRCUIT AND CONTROL. EXISTING CIRCUIT 1S1H-2.
10. REUSE / REINSTALL IN SAME LOCATION IN NEW CEILING.
11. CONNECTION AS SHOWN.
12. CONTROLLED BY CONTACTOR E1.
13. LIGHTING CIRCUIT AND CONTROL. EXISTING CIRCUIT 1S1H-2.

MONTANA STATE UNIVERSITY, BARNARD HALL ENTRY REMODEL

PLANS

DATE: 03/23/2017

CONSTRUCTION DOCUMENTS - MONTANA STATE UNIVERSITY, BARNARD HALL ENTRY REMODEL

ARCHITECT/ENGINEER: Arian C.

MONTANA STATE UNIVERSITY, BARNARD HALL MEP R17.rvt