

# IDAHO STATE UNIVERSITY LIBERAL ARTS BUILDING #4 CLASSROOM REMODEL DPW 21-225

## PROJECTS CONTACTS

**OWNER**  
IDAHO DIVISION OF  
PUBLIC WORKS  
502 NORTH 4TH STREET  
P.O. BOX 83720  
BOISE, ID 83720  
208-332-1900

**USER GROUP**  
IDAHO STATE UNIVERSITY  
921 SOUTH 8th AVENUE  
STOP 8137  
POCATELLO, ID 83209  
208-282-4086

**ARCHITECTURAL**  
JENSEN-HAYES-SHROPSHIRE  
ARCHITECTS, P.A.  
125 NORTH GARFIELD AVE  
POCATELLO, ID 83204  
208-232-1223

**ELECTRICAL**  
MUSGROVE ENGINEERING  
645 WEST 25th STREET  
IDAHO FALLS, ID 83402  
208-523-2862

## INDEX OF DRAWINGS

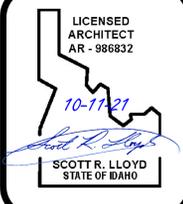
T1 TITLE, DRAWING INDEX, SYMBOLS & ABBREVIATIONS

**ARCHITECTURAL DRAWINGS:**

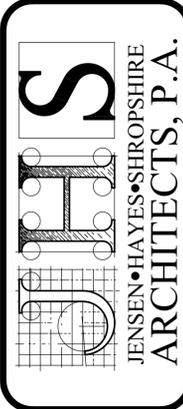
- A1.0 MAIN LEVEL DEMOLITION PLAN
- A1.1 LEVEL 2 DEMOLITION PLAN
- A1.2 LEVEL 3 DEMOLITION PLAN
- A1.3 MAIN LEVEL DEMOLITION REFLECTED CEILING PLANS
- A1.4 LEVEL 2 DEMOLITION REFLECTED CEILING PLANS
- A1.5 LEVEL 3 DEMOLITION REFLECTED CEILING PLANS
- A2.0 MAIN LEVEL FLOOR PLAN
- A2.1 LEVEL 2 FLOOR PLAN
- A2.2 LEVEL 3 FLOOR PLAN
- A3.0 MAIN LEVEL ENLARGED PLANS, CASEWORK ELEVATIONS AND SECTION
- A3.1 LEVEL 2 ENLARGED PLANS
- A3.2 LEVEL 3 ENLARGED PLANS
- A4.0 MAIN LEVEL ENLARGED REFLECTED CEILING PLANS AND DETAILS
- A4.1 LEVEL 2 ENLARGED REFLECTED CEILING PLANS AND DETAIL
- A4.2 LEVEL 3 ENLARGED REFLECTED CEILING PLANS
- A5.0 WINDOW SCHEDULES AND DETAIL

**ELECTRICAL DRAWINGS:**

- E0.0 ELECTRICAL COVER SHEET
- E0.1 LIGHTING COMPLIANCE AND DETAIL
- E1.0 MAIN LEVEL LIGHTING DEMOLITION AND INSTALLATION PLAN
- E2.0 LEVEL TWO LIGHTING DEMOLITION PLAN
- E2.1 LEVEL TWO LIGHTING INSTALLATION PLAN
- E3.0 LEVEL THREE LIGHTING DEMOLITION PLAN
- E3.1 LEVEL THREE LIGHTING INSTALLATION PLAN
- E4.0 POWER PLANS
- E4.1 POWER PLANS
- E4.2 ELECTRICAL DETAILS



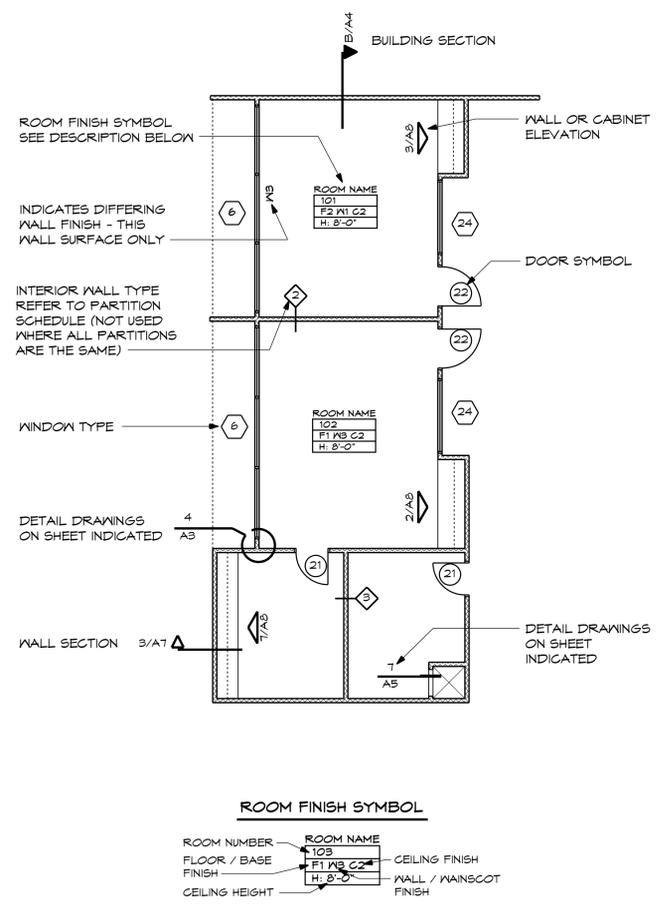
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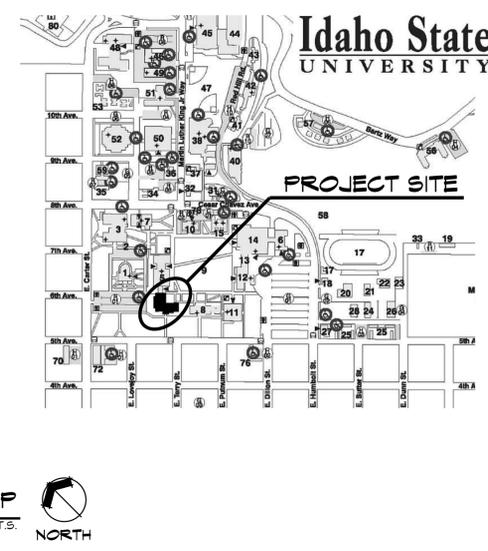
CLASSROOM REMODEL  
DPW #21-225 - ISU LIBERAL ARTS, BLDG #4

TITLE SHEET

### SYMBOLS EXPLANATION



- SYMBOLS**
- T ← DETAIL NUMBER
  - A5 ← SHEET NUMBER
  - DETAIL KEY**
  - △ 4/A1 SECTION NUMBER
  - △ 4/A1 SHEET NUMBER
  - WALL SECTION**
  - △ 5/A1 SECTION LETTER
  - △ 5/A1 SHEET NUMBER
  - BUILDING SECTION**
  - △ 24 WINDOW TYPE
  - △ 21 WINDOW SYMBOL
  - △ 21 DOOR SYMBOL
  - △ 6/A12 ELEVATION & SHEET NUMBER
  - EXTERIOR ELEVATION**
  - △ GLASS TYPE, SEE WINDOW ELEVATIONS
  - GLASS SYMBOL**
  - △ 14 DRAWING NOTE NO.
  - DRAWING NOTE SYMBOL**
  - △ 7/A5 ELEVATION & SHEET NUMBER
  - INTERIOR ELEVATION**
  - △ 3 WALL TYPE
  - △ INTERIOR WALL TYPE
  - F NEW BUILDING GRID
  - 6 EXISTING BUILDING GRID



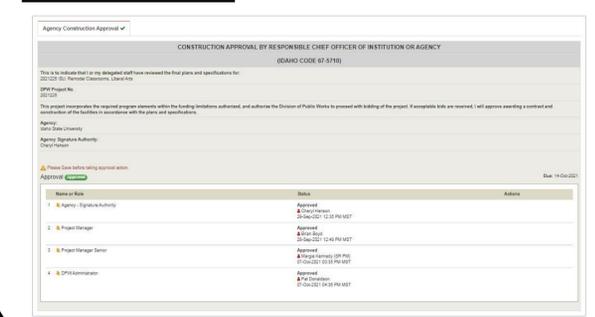
### PROJECT DESCRIPTION

REMODEL THE REMODEL OF CLASSROOMS IN THE ISU LIBERAL ARTS BUILDING. REMODEL SHALL INCLUDE THE REPLACEMENT OF ALL EXISTING CEILING WITH NEW ACT CEILING AND NEW LIGHTING, NEW WINDOW SILLS AND PAINTING THE WALLS OF ALL CLASSROOMS. THERE WILL BE MINIMAL FLOORING REPLACEMENT AND VISUAL DISPLAY BOARD REPLACEMENT.

**CODE REVIEW**

|                        |                         |
|------------------------|-------------------------|
| APPLICABLE CODE        | 2018 IBC                |
| EXISTING BUILDING AREA | 92,840 SQ FT (EXISTING) |
| TYPE OF CONSTRUCTION   | II B (EXISTING)         |
| OCCUPANCY GROUP        | GROUP B (EXISTING)      |
| GROUND SNOW LOAD       | 45 LBS                  |
| WIND LOAD              | 115 MPH                 |
| SEISMIC ZONE           | D                       |

### DPW APPROVAL



### DBS APPROVAL



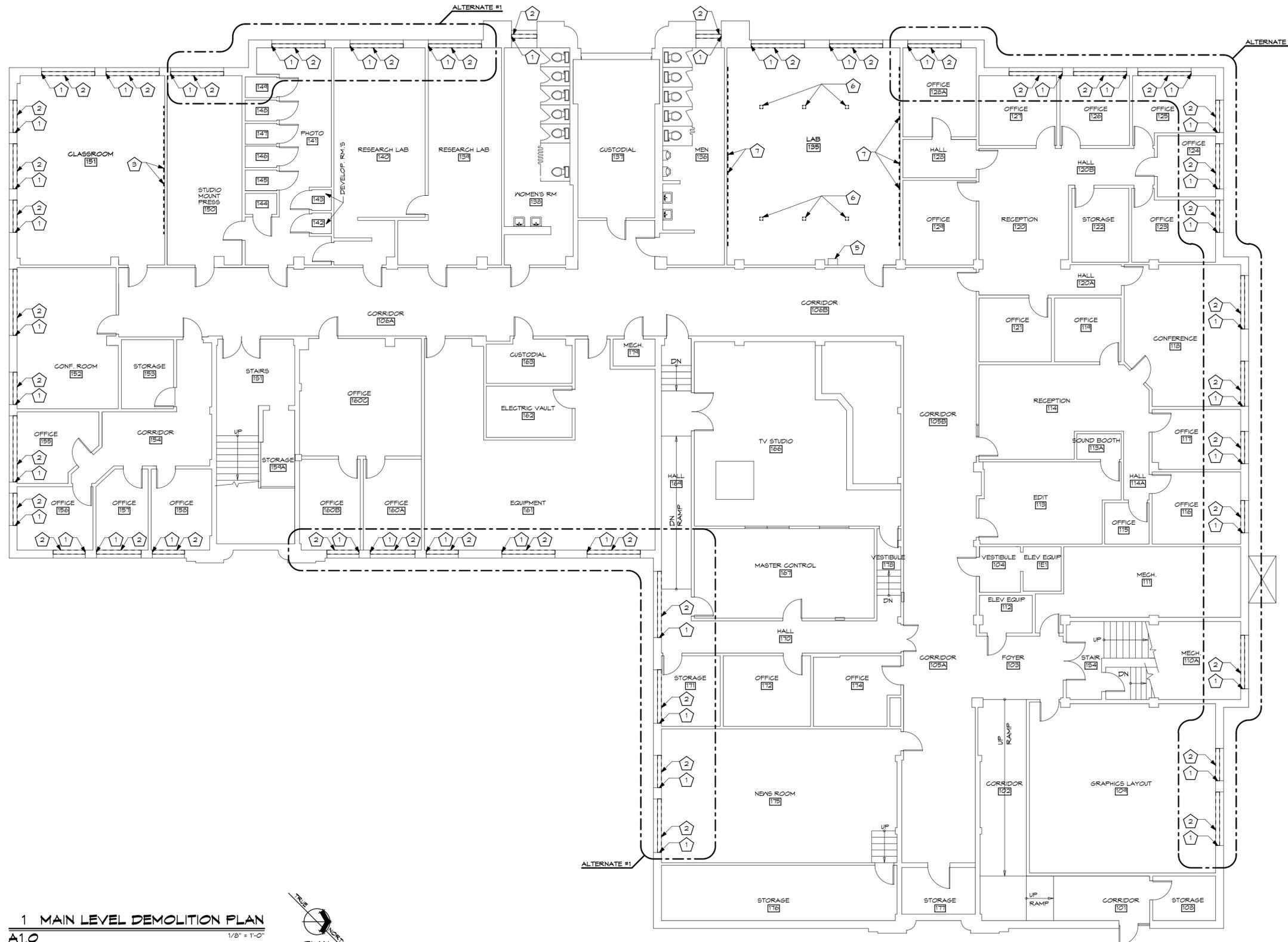
REVISIONS:

DATE: JUL 21

JOB NO. 2029

DRAWING NO. T1

1 OF 16



1 MAIN LEVEL DEMOLITION PLAN  
A1.0 1/8" = 1'-0"



**GENERAL NOTES:** (THIS SHEET ONLY)

A. CONTRACTOR TO ASSUME THAT NOT ALL WORK AREA ON A GIVEN FLOOR WILL BE TURNED OVER TO CONTRACTOR AT ONE TIME. WORK SHALL NEED TO BE COORDINATED WITH USER-GROUP.

B. ISU WORKFORCES SHALL REMOVE AND RELOCATE FURNITURE ITEMS IN WORK AREAS.

C. ROOM NUMBERS ARE UNIQUE TO THIS PROJECT AND ARE FOR CONSTRUCTION PURPOSES ONLY.

**KEYED NOTES:** (THIS SHEET ONLY)

1 SEALANTS TO BE REMOVED AROUND EXISTING WINDOW BY ABATEMENT CONTRACTOR (INTERIOR AND EXTERIOR) - TYP. AT ALL WINDOWS THIS LEVEL.

2 (E) WINDOW SILL TO BE REMOVED BY ABATEMENT CONTRACTOR - TYP. AT ALL WINDOWS THIS LEVEL.

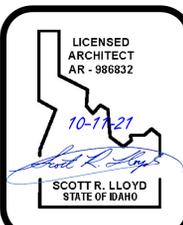
3 (E) CHALKBOARD TO BE REMOVED.

4 (E) MARKERBOARD TO REMAIN.

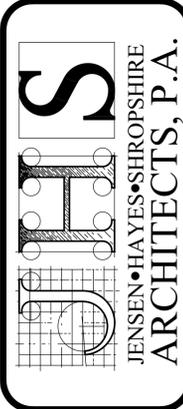
5 (E) ELECTRICAL PANEL TO REMAIN.

6 (E) POWER POLES TO BE REMOVED - REF. ELECTRICAL SHEETS FOR TERMINATION REQUIREMENTS.

7 (E) MARKERBOARD TO BE REMOVED.



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**CLASSROOM REMODEL**  
DPW #21-225 - ISU LIBERAL ARTS, BLDG #4  
**MAIN LEVEL DEMOLITION PLAN**

**DBS APPROVAL**

BLD2107-00040

**REVIEWED FOR CODE COMPLIANCE**

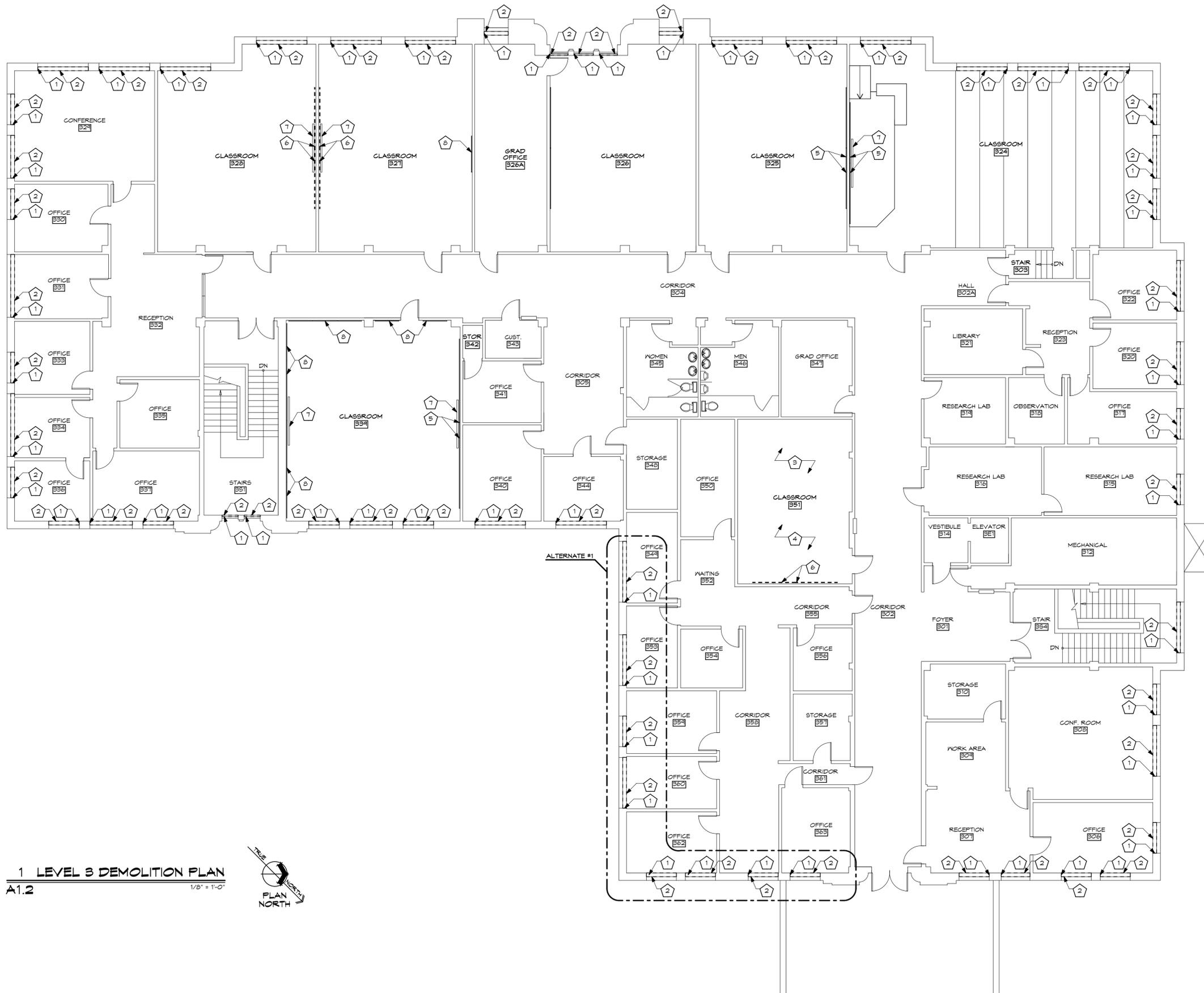
This approval shall not be construed to be an approval of any violation of, or variance from, Idaho's adopted codes, standards, laws or rules applicable to this project.

**SEPARATE BUILDING PERMIT REQUIRED FOR CONSTRUCTION**

REVISIONS:

DATE: JUL 21  
DRAWING NO. **A1.0**  
JOB NO. 2029  
2 OF 16





1 LEVEL 3 DEMOLITION PLAN  
A1.2  
1/8" = 1'-0"



**GENERAL NOTES:** (THIS SHEET ONLY)

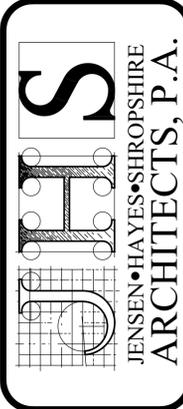
- A. CONTRACTOR TO ASSUME THAT NOT ALL WORK AREA ON A GIVEN FLOOR WILL BE TURNED OVER TO CONTRACTOR AT ONE TIME. WORK SHALL NEED TO BE COORDINATED WITH USER-GROUP
- B. ISU WORKFORCES SHALL REMOVE AND RELOCATE FURNITURE ITEMS IN WORK AREAS
- C. ROOM NUMBERS ARE UNIQUE TO THIS PROJECT AND ARE FOR CONSTRUCTION PURPOSES ONLY

**KEYED NOTES:** (THIS SHEET ONLY)

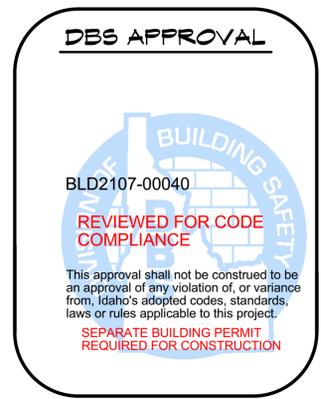
- 1 SEALANTS TO BE REMOVED AROUND EXISTING WINDOW BY ABATEMENT CONTRACTOR (INTERIOR AND EXTERIOR) - TYP. AT ALL WINDOWS THIS LEVEL
- 2 (E) WINDOW SILL TO BE REMOVED BY ABATEMENT CONTRACTOR - TYP. AT ALL WINDOWS THIS LEVEL
- 3 (E) CARPET TO BE REMOVED BY AND SUBSTRATE PREPPED FOR NEW FLOOR FINISH
- 4 (E) WALL BASE TO BE REMOVED
- 5 (E) WHITEBOARD TO REMAIN
- 6 (E) CHALKBOARD TO BE REMOVED
- 7 (E) PROJECTION SCREEN TO REMAIN
- 8 (E) VISUAL DISPLAY BOARD TO REMAIN



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**CLASSROOM REMODEL**  
DPW #21-225 - ISU LIBERAL ARTS, BLDG #4  
**LEVEL 3 DEMOLITION PLAN**



REVISIONS:  
DATE: JUL 21  
DRAWING NO. **A1.2**  
JOB NO. 2029  
4 OF 16



1 MAIN LEVEL DEMOLITION RCP  
A1.3 1/8" = 1'-0"



**GENERAL NOTES:** (THIS SHEET ONLY)

- A. RETAIN & PROTECT EXIST. DOORS, WINDOWS, WALLS, CEILINGS AND EQUIPMENT THAT ARE SHOWN TO BE UNDISTURBED
- B. ROOM NUMBERS ARE UNIQUE TO THIS PROJECT AND ARE FOR CONSTRUCTION PURPOSES ONLY
- C. CONTRACTOR TO COORDINATE WITH USER GROUP WITH THE REMOVAL AND REINSTALLATION OF ELECT./DATA EQUIPMENT AT CEILINGS

**KEYED NOTES:** (THIS SHEET ONLY)

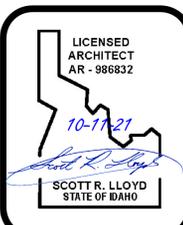
- 1 REMOVE EXISTING GLUE-UP CEILING TILE, SUBSTRATE AND HAT CHANNELS
- 2 REMOVE EXISTING LIGHT FIXTURES - REF. ELECTRICAL SHEETS
- 3 REMOVE EXISTING MECHANICAL REGISTERS
- 4 REMOVE (E) SUSPENDED CEILING SYSTEM
- 5 REMOVE EXISTING GLUE-UP CEILING, SUBSTRATE AND HAT CHANNELS ABOVE SUSPENDED CEILING
- 6 REMOVE CEILING POLE MOUNT

**DBS APPROVAL**

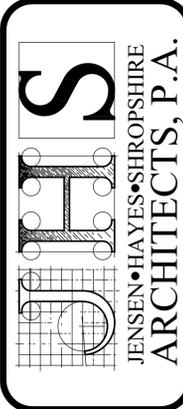
BLD2107-00040  
REVIEWED FOR CODE COMPLIANCE

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SEPARATE BUILDING PERMIT REQUIRED FOR CONSTRUCTION



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**CLASSROOM REMODEL**  
DPW #21-225 - ISU LIBERAL ARTS, BLDG #4  
**MAIN LEVEL DEMOLITION REFLECTED  
CEILING PLANS**

REVISIONS:

DATE: JUL 21  
DRAWING NO. **A1.3**  
JOB NO. 2029  
5 OF 16



1 LEVEL 2 DEMOLITION RCP  
A1.4 1/8" = 1'-0"



**GENERAL NOTES:** (THIS SHEET ONLY)

- A. RETAIN & PROTECT EXIST. DOORS, WINDOWS, WALLS, CEILINGS AND EQUIPMENT THAT ARE SHOWN TO BE UNDISTURBED
- B. ROOM NUMBERS ARE UNIQUE TO THIS PROJECT AND ARE FOR CONSTRUCTION PURPOSES ONLY
- C. ALL CEILING MOUNTED PROJECTORS AND CLASSROOM CAMERAS TO BE REMOVED AND SALVAGED FOR REINSTALLATION
- D. CONTRACTOR TO COORDINATE WITH USER GROUP WITH THE REMOVAL AND REINSTALLATION OF ELECT./DATA EQUIPMENT AT CEILINGS

**KEYED NOTES:** (THIS SHEET ONLY)

- 1 REMOVE EXISTING SUSPENDED CEILING SYSTEM
- 2 REMOVE EXISTING LIGHT FIXTURES - REF. ELECTRICAL SHEETS
- 3 REMOVE EXISTING MECHANICAL REGISTERS
- 4 EXISTING CLASSROOM CAMERA AND MOUNTING POLE TO REMAIN - PROTECT DURING DEMOLITION AND CONSTRUCTION
- 5 REMOVE EXISTING GLUE-UP CEILING TILE, SUBSTRATE AND HAT CHANNELS ABOVE SUSPENDED CEILING SYSTEM

**DBS APPROVAL**

BLD2107-00040

**REVIEWED FOR CODE COMPLIANCE**

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**SEPARATE BUILDING PERMIT REQUIRED FOR CONSTRUCTION**

LICENSED ARCHITECT  
AR - 986832

10-21-21

SCOTT R. LLOYD  
STATE OF IDAHO

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125 NORTH GARFIELD  
POCATELLO, IDAHO 83204  
(208) 232-1123

**JH S**

JENSEN•HAYES•SHROPSHIRE ARCHITECTS, P.A.

**CLASSROOM REMODEL**  
DPW #21-225 - ISU LIBERAL ARTS, BLDG #4

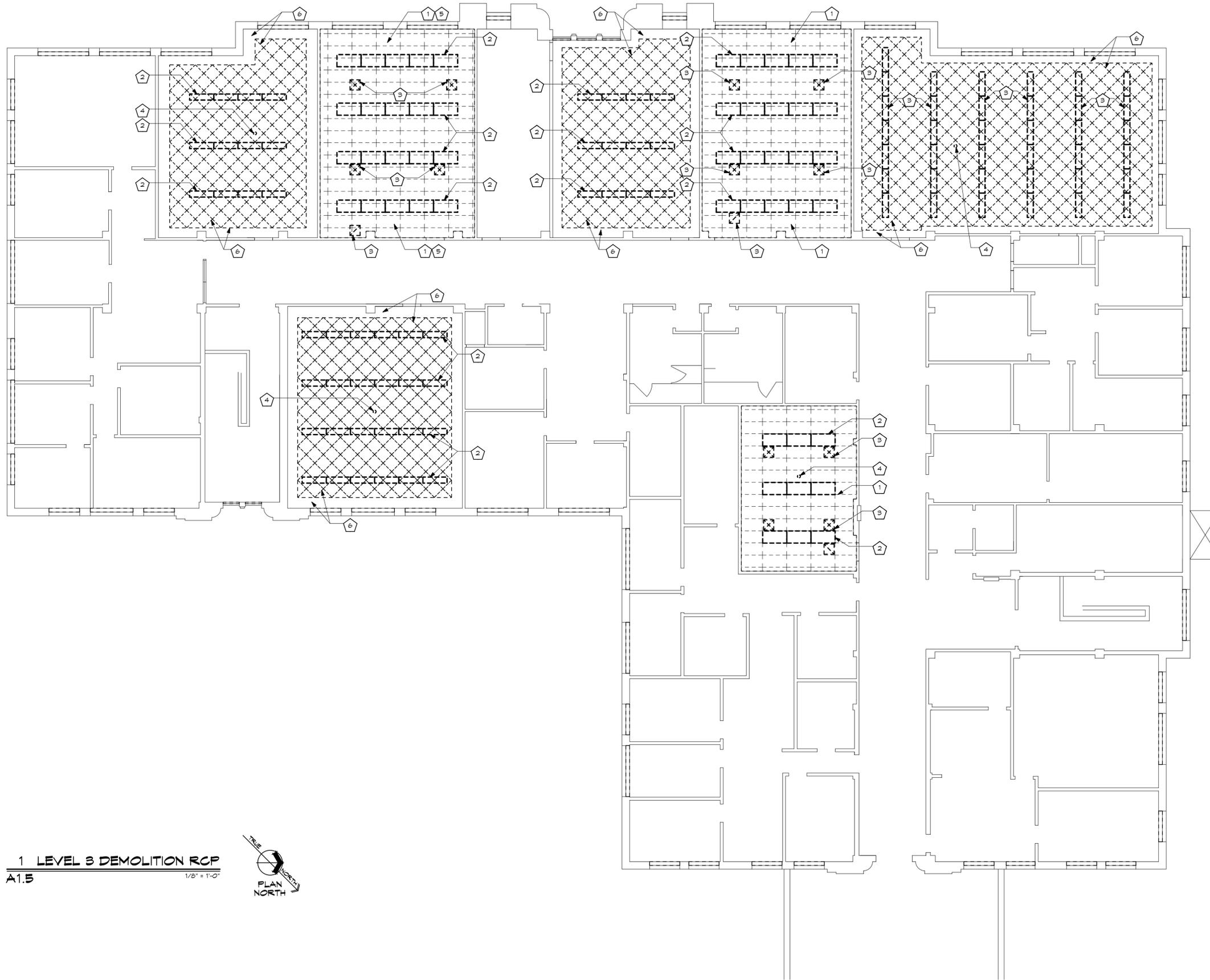
**LEVEL 2 DEMOLITION REFLECTED CEILING PLANS**

REVISIONS:

DATE: JUL 21  
DRAWING NO. **A1.4**

JOB NO. 2029  
6 OF 16

FILE NAME: 2029\_Liberal Arts\_R14  
UPDATE: 2021.07.16  
DRAWN BY: JH



1 LEVEL 3 DEMOLITION RCP  
A1.5  
1/8" = 1'-0"



**GENERAL NOTES:** (THIS SHEET ONLY)

- A. RETAIN & PROTECT EXIST. DOORS, WINDOWS, WALLS, CEILINGS AND EQUIPMENT THAT ARE SHOWN TO BE UNDISTURBED
- B. ROOM NUMBERS ARE UNIQUE TO THIS PROJECT AND ARE FOR CONSTRUCTION PURPOSES ONLY
- C. ALL CEILING MOUNTED PROJECTORS AND CLASSROOM CAMERAS TO BE REMOVED AND SALVAGED FOR REINSTALLATION
- D. CONTRACTOR TO COORDINATE WITH USER GROUP WITH THE REMOVAL AND REINSTALLATION OF ELECT./DATA EQUIPMENT AT CEILINGS

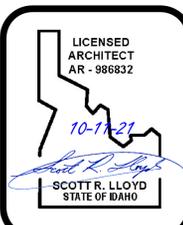
**KEYED NOTES:** (THIS SHEET ONLY)

- 1 REMOVE EXISTING SUSPENDED CEILING SYSTEM
- 2 REMOVE EXISTING LIGHT FIXTURES - REF. ELECTRICAL SHEETS
- 3 REMOVE EXISTING MECHANICAL REGISTERS
- 4 EXISTING CLASSROOM CAMERA AND MOUNTING POLE TO REMAIN - PROTECT DURING DEMOLITION AND CONSTRUCTION
- 5 REMOVE EXISTING GLUE-UP CEILING TILE, SUBSTRATE AND HAT CHANNELS ABOVE SUSPENDED CEILING SYSTEM
- 6 REMOVE EXISTING GLUE-UP CEILING TILE, SUBSTRATE AND HAT CHANNELS

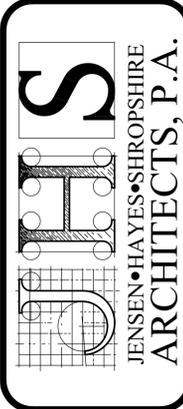
**DBS APPROVAL**



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**SEPARATE BUILDING PERMIT REQUIRED FOR CONSTRUCTION**



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**CLASSROOM REMODEL**  
DPW #21-225 - ISU LIBERAL ARTS, BLDG #4  
**LEVEL 3 DEMOLITION REFLECTED**  
**CEILING PLANS**

REVISIONS:

DATE: JUL 21  
JOB NO. 2029  
DRAWING NO. **A1.5**  
7 OF 16

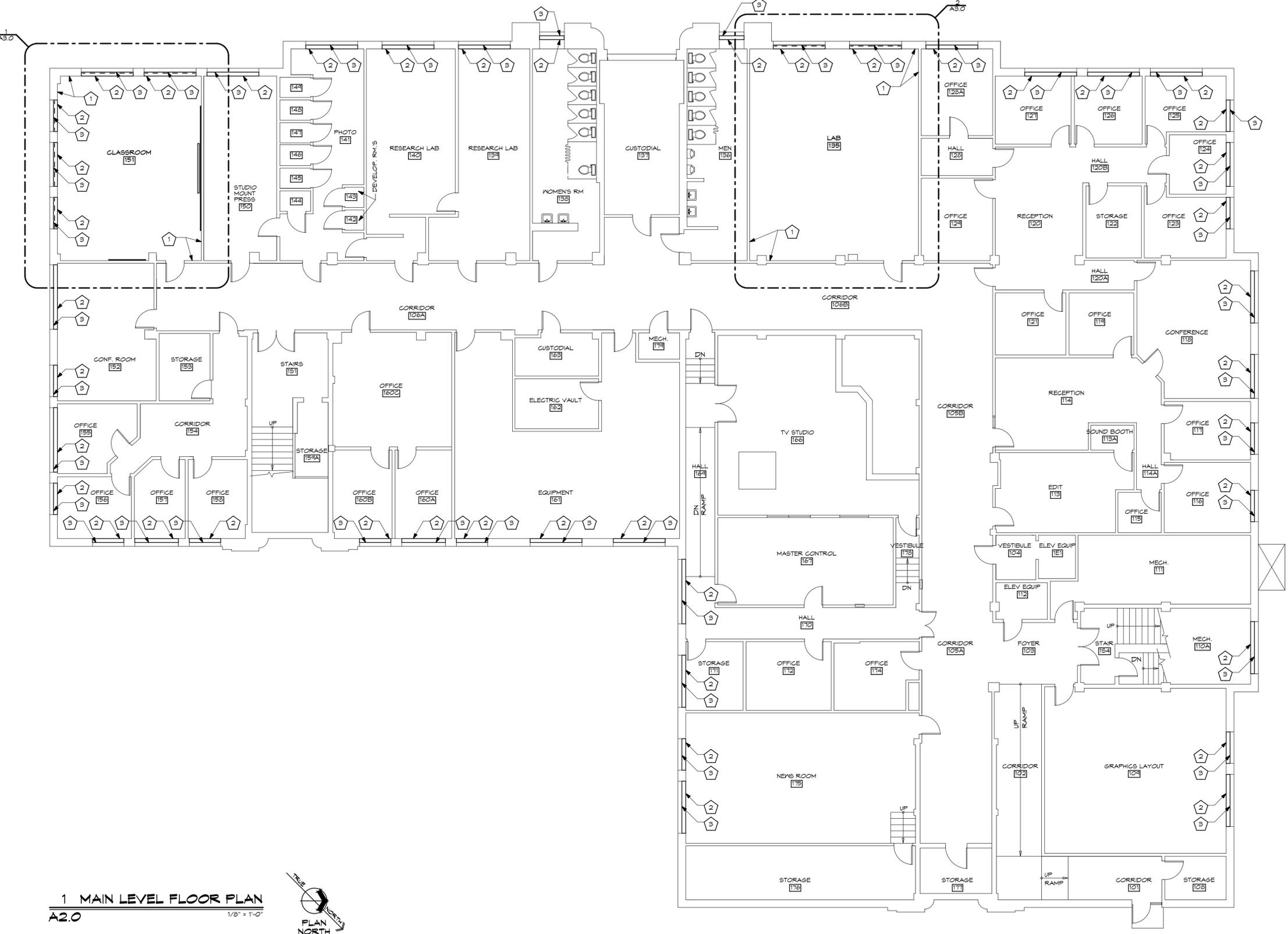
FILE NAME: 2029\_Liberal Arts\_R14  
UPDATE: 2021.07.16  
DRAWN BY: IH

**GENERAL NOTES:** (THIS SHEET ONLY)

- RETAIN & PROTECT EXIST. DOORS, WINDOWS, WALLS, CEILINGS AND EQUIPMENT THAT ARE SHOWN TO BE UNDISTURBED
- OWNER SUPPLIED AND INSTALLED EQUIPMENT INDICATED ON PLANS THUSLY: [Symbol]
- PATCH AND REPAIR EXIST. WALLS WHERE DAMAGE HAS OCCURED DUE TO DEMOLITION
- ROOM NUMBERS ARE UNIQUE TO THIS PROJECT AND ARE FOR CONSTRUCTION PURPOSES ONLY.

**KEYED NOTES:** (THIS SHEET ONLY)

- (E) WALLS TO BE REPAINTED
- NEW SOLID SURFACE WINDOW SILL AT (E) WINDOW - TYP. AT ALL WINDOWS THIS LEVEL
- (E) WINDOW TO BE GULKED AND SEALED (INTERIOR AND EXTERIOR) - TYP. AT ALL WINDOWS THIS LEVEL



1 MAIN LEVEL FLOOR PLAN  
A2.0  
1/8" = 1'-0"



**DBS APPROVAL**

BLD2107-00040

**REVIEWED FOR CODE COMPLIANCE**

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**SEPARATE BUILDING PERMIT REQUIRED FOR CONSTRUCTION**

**GENERAL NOTES:** (THIS SHEET ONLY)

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- OWNER SUPPLIED AND INSTALLED EQUIPMENT INDICATED ON PLANS THUSLY: [Symbol]
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**KEYED NOTES:** (THIS SHEET ONLY)

- (E) WALLS TO BE REPAINTED
- NEW SOLID SURFACE WINDOW SILL AT (E) WINDOW - TYP. AT ALL WINDOWS THIS LEVEL
- (E) WINDOW TO BE GAULKED AND SEALED (INTERIOR AND EXTERIOR) - TYP. AT ALL WINDOWS THIS LEVEL

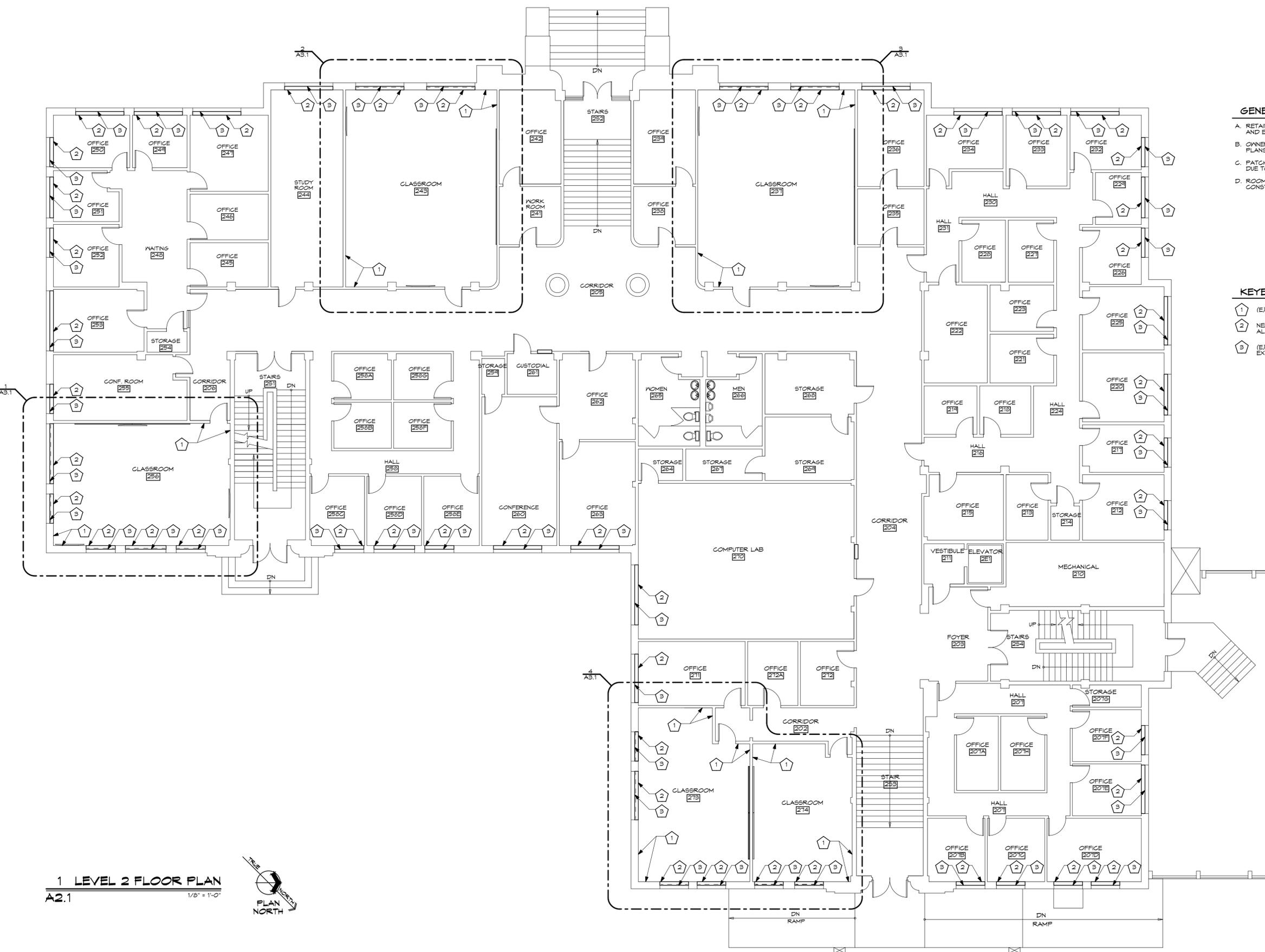
**DBS APPROVAL**

BLD2107-00040

**REVIEWED FOR CODE COMPLIANCE**

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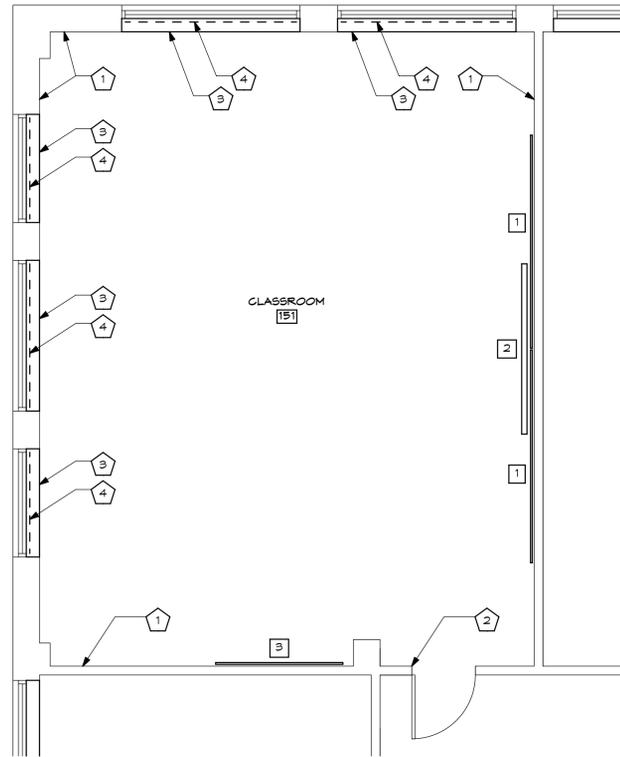
**SEPARATE BUILDING PERMIT REQUIRED FOR CONSTRUCTION**



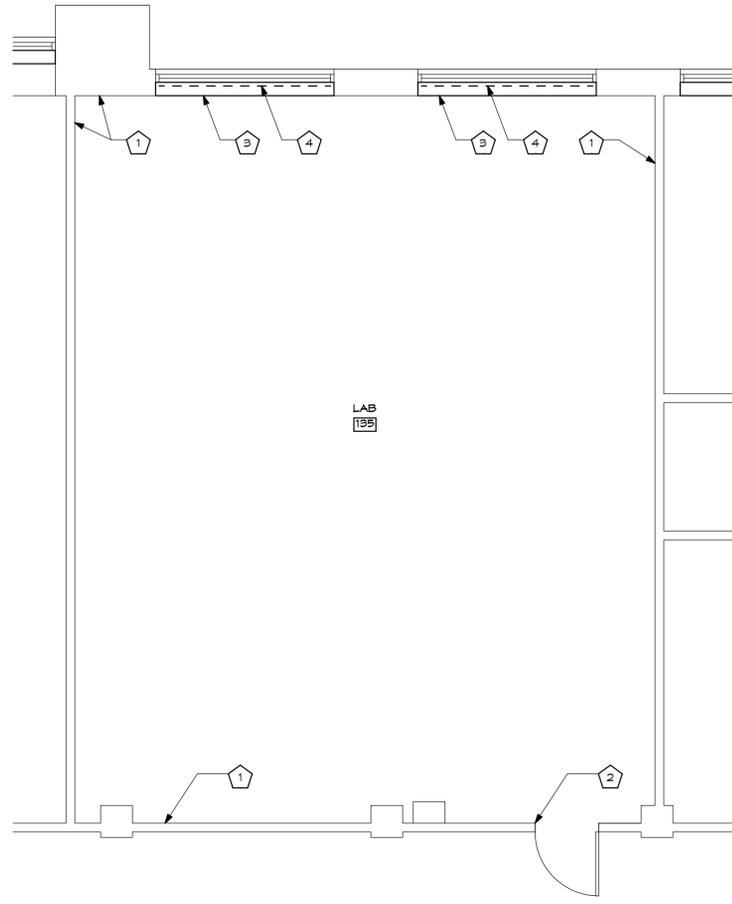
**1 LEVEL 2 FLOOR PLAN**  
A2.1  
1/8" = 1'-0"







**1 CLASSROOM #151 ENLARGED PLAN**  
 A3.0 1/4" = 1'-0"  
 PLAN NORTH



**2 LAB #135 ENLARGED PLAN**  
 A3.0 1/4" = 1'-0"  
 PLAN NORTH

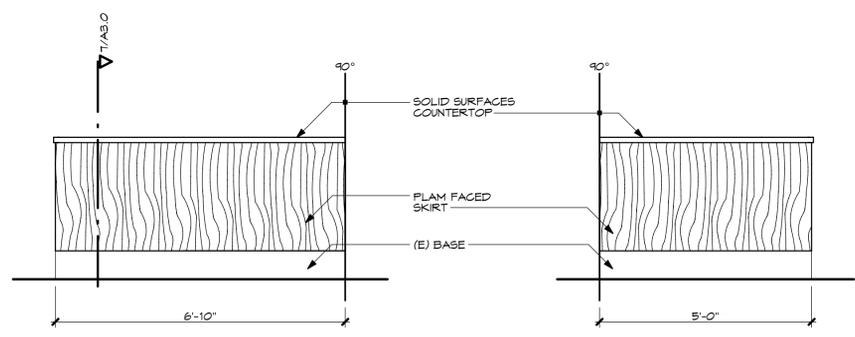
**GENERAL NOTES:** (THIS SHEET ONLY)  
 A. ALL (E) WINDOWS TO BE CAULKED AND SEALED (INTERIOR AND EXTERIOR)

**KEYED NOTES:** (THIS SHEET ONLY)

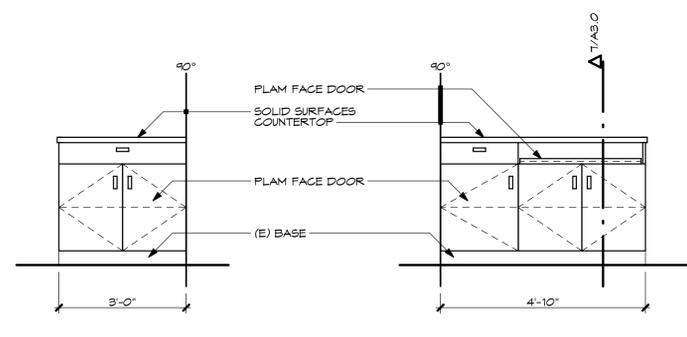
- 1 (E) WALLS TO BE REPAINTED
- 2 (E) DOOR FRAME TO BE REPAINTED
- 3 NEW SOLID SURFACE WINDOW SILL AT (E) WINDOW - SEE WINDOW SILL SCHEDULE (A5.0)
- 4 NEW WINDOW SHADE AT (E) WINDOW - SEE WINDOW SHADE SCHEDULE (A5.0) AND DETAIL 1/A5.0
- 5 (E) MARKERBOARD TO REMAIN

**KEY FOR VISUAL DISPLAY BOARDS**

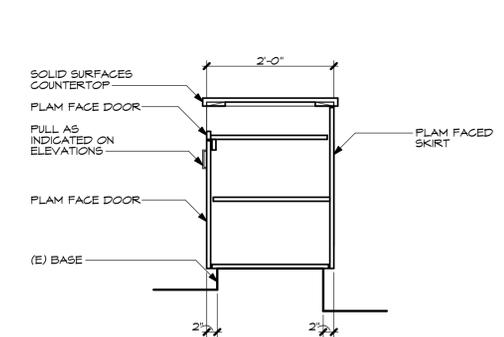
- 1 MARKERBOARD 10'x4'
- 2 BRACKET-MOUNTED PROJECTION SCREEN
- 3 TACKBOARD 6'x4'



**3 CLASSROOM - 324**  
 A3.0 1/2" = 1'-0"  
**4 CLASSROOM - 324**  
 A3.0 1/2" = 1'-0"



**5 CLASSROOM - 324**  
 A3.0 1/2" = 1'-0"  
**6 CLASSROOM - 324**  
 A3.0 1/2" = 1'-0"



**7 CASEWORK SECTION**  
 A3.0 3/4" = 1'-0"

**DBS APPROVAL**

BLD2107-00040  
**REVIEWED FOR CODE COMPLIANCE**

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**SEPARATE BUILDING PERMIT REQUIRED FOR CONSTRUCTION**

LICENSED ARCHITECT  
 AR - 986832  
 10-17-21  
 SCOTT R. LLOYD  
 STATE OF IDAHO

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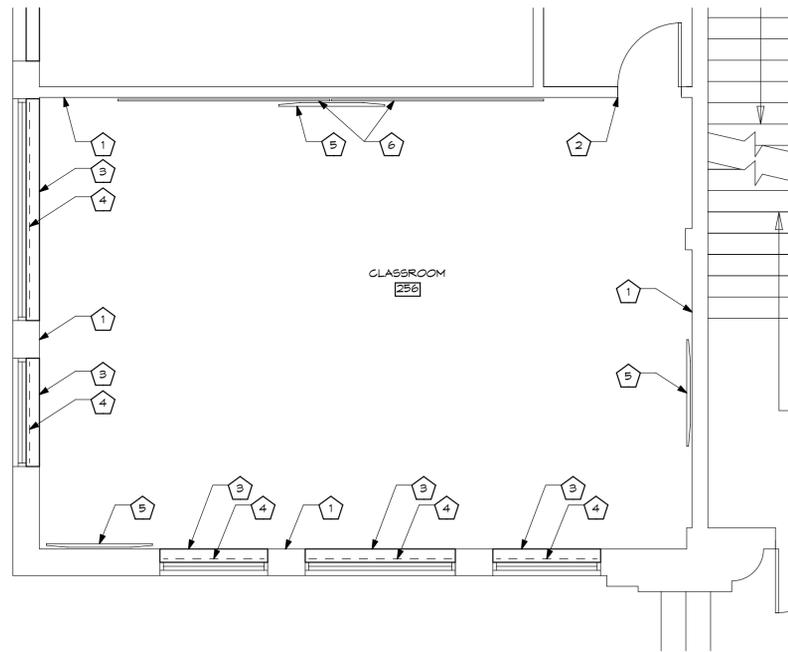
**JH S**  
 JENSEN•HAYES•SHROPSHIRE ARCHITECTS, P.A.

**CLASSROOM REMODEL**  
 DPW #21-225 - ISU LIBERAL ARTS, BLDG #4  
**MAIN LEVEL ENLARGED PLANS, CASEWORK ELEVATIONS AND SECTION**

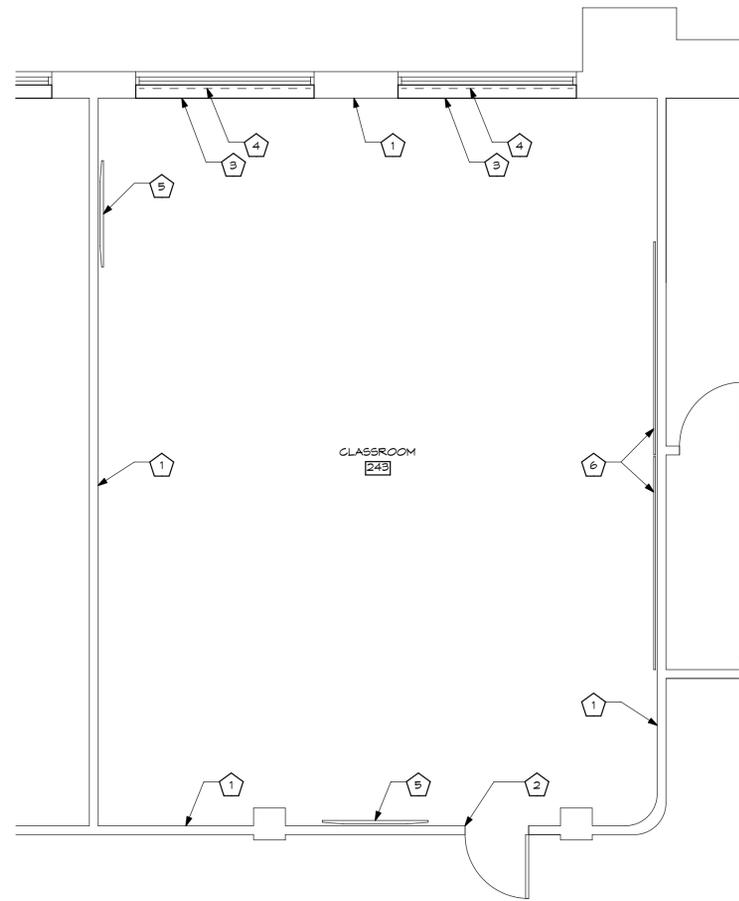
REVISIONS:

DATE: JUL 21  
 DRAWING NO. **A3.0**

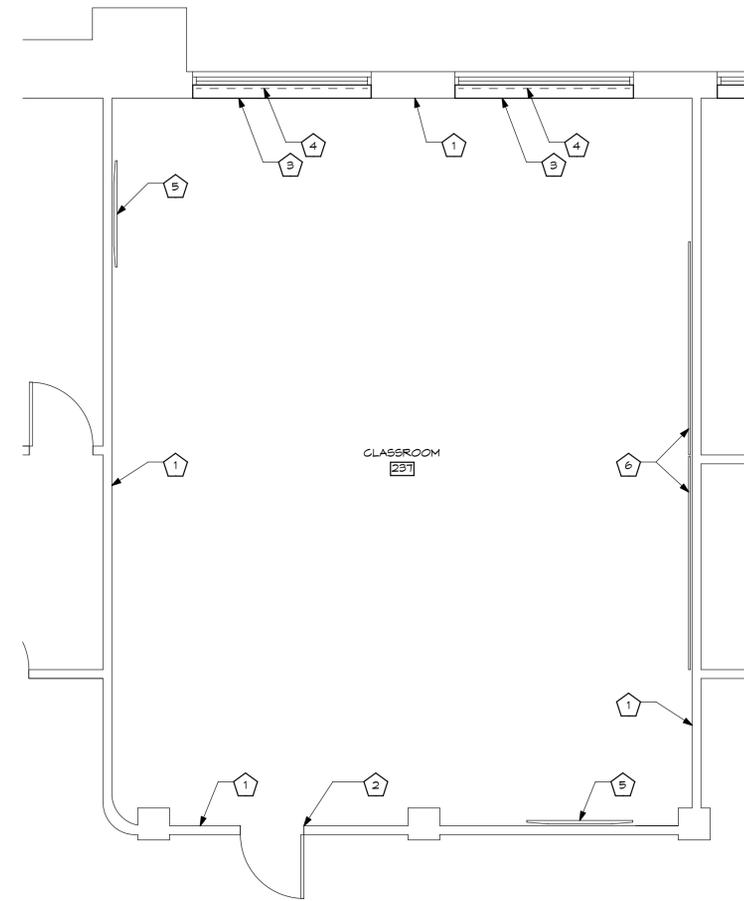
JOB NO. 2029  
 11 OF 16  
 FILE NAME: 2029\_Liberal Arts\_R14  
 UPDATE: 2021.07.16  
 DRAWN BY: JH



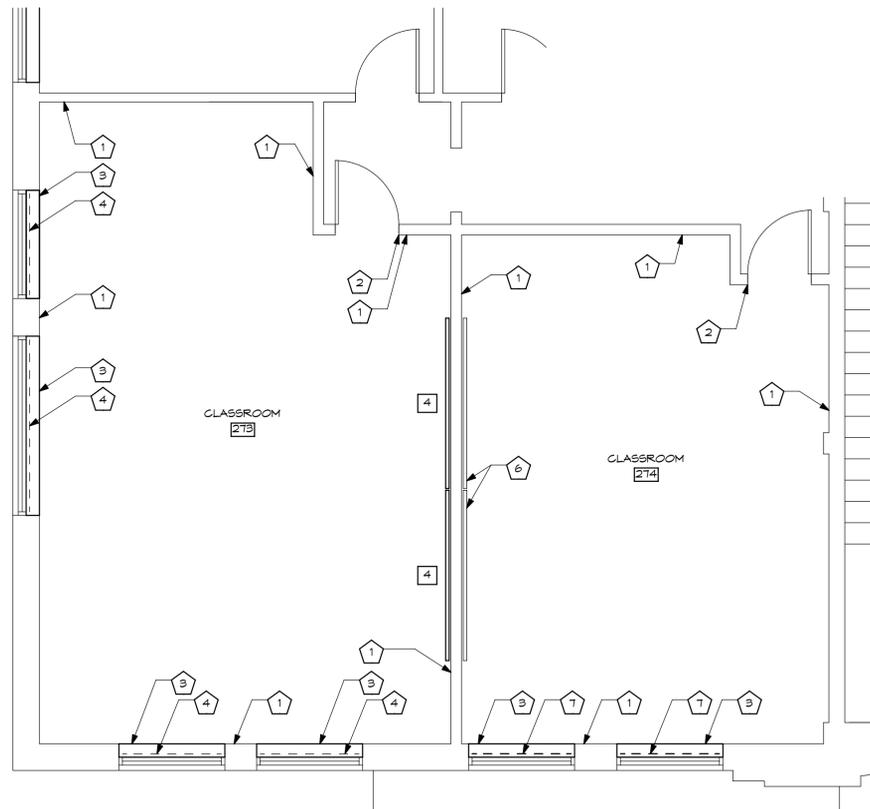
1 CLASSROOM #256 ENLARGED PLAN  
A3.1 1/4" = 1'-0"



2 CLASSROOM #243 ENLARGED PLAN  
A3.1 1/4" = 1'-0"



3 CLASSROOM #237 ENLARGED PLAN  
A3.1 1/4" = 1'-0"



4 CLASSROOM #273 & CLASSROOM #274 ENLARGED PLAN  
A3.1 1/4" = 1'-0"



**GENERAL NOTES:** (THIS SHEET ONLY)

A. ALL (E) WINDOWS TO BE CAULKED AND SEALED (INTERIOR AND EXTERIOR)

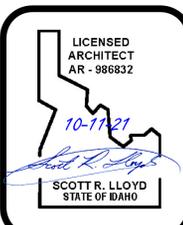
**KEYED NOTES:** (THIS SHEET ONLY)

- 1 (E) WALLS TO BE REPAINTED
- 2 (E) DOOR FRAME TO BE REPAINTED
- 3 NEW SOLID SURFACE WINDOW SILL AT (E) WINDOW - SEE WINDOW SILL SCHEDULE (A5.0)
- 4 (E) WINDOW SHADES TO REMAIN
- 5 (E) TV TO REMAIN
- 6 (E) MARKERBOARD TO REMAIN
- 7 NEW WINDOW SHADE AT (E) WINDOW - SEE WINDOW SHADE SCHEDULE (A5.0) AND DETAIL 1/A5.0

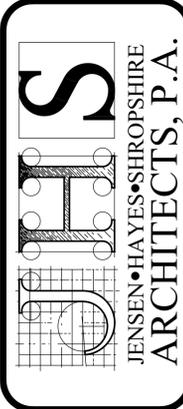
**KEY FOR VISUAL DISPLAY BOARDS**

- 1 MARKERBOARD 10'x4'
- 2 BRACKET-MOUNTED PROJECTION SCREEN
- 3 TACKBOARD 6'x4'
- 4 MARKERBOARD 8'x4'

**DBS APPROVAL**



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POCATELLO, IDAHO 83204  
(208) 232-1223

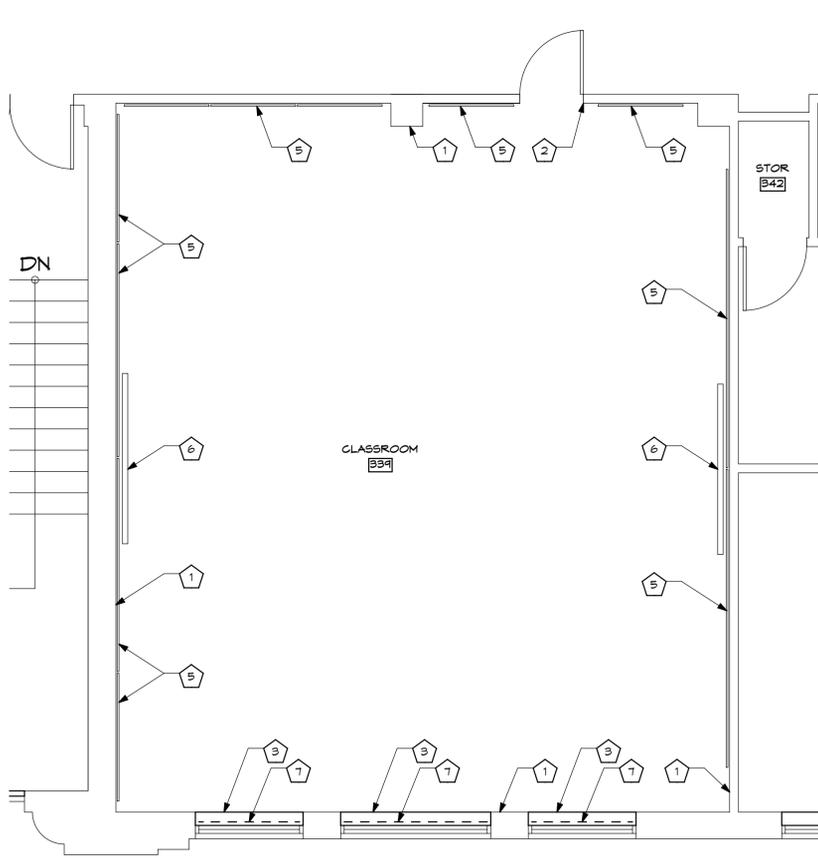


**CLASSROOM REMODEL**  
DPW #21-225 - ISU LIBERAL ARTS, BLDG #4  
**LEVEL 2 ENLARGED PLANS**

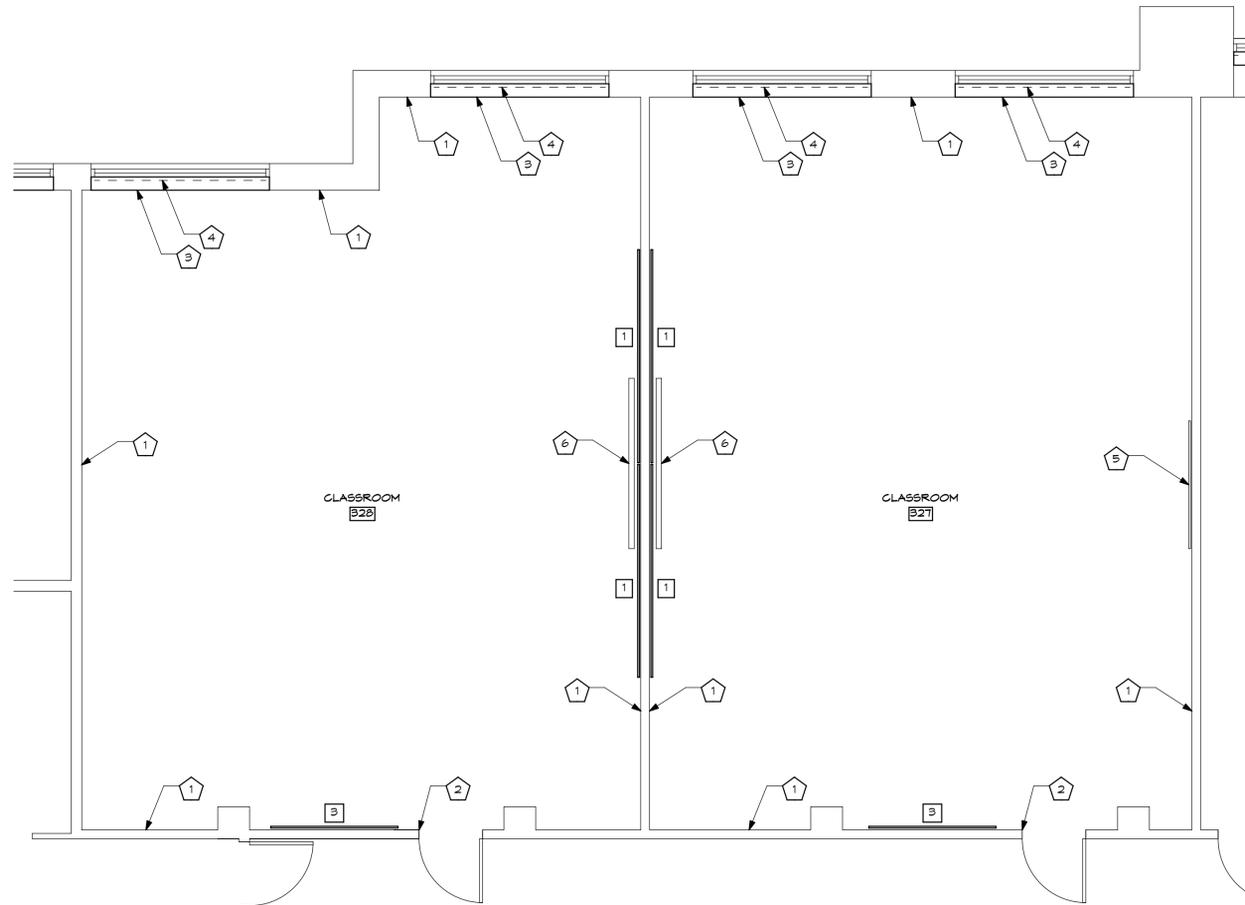
REVISIONS:

DATE: JUL 21  
DRAWING NO. **A3.1**

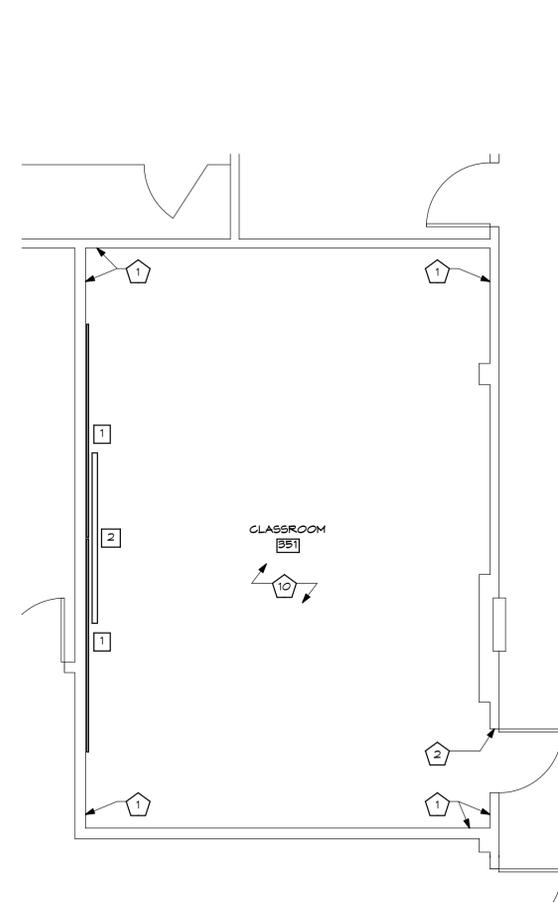
JOB NO. 2029  
12 OF 16  
FILE NAME: 2029\_Liberal Arts\_R14  
UPDATE: 2021.07.16  
DRAWN BY: IH



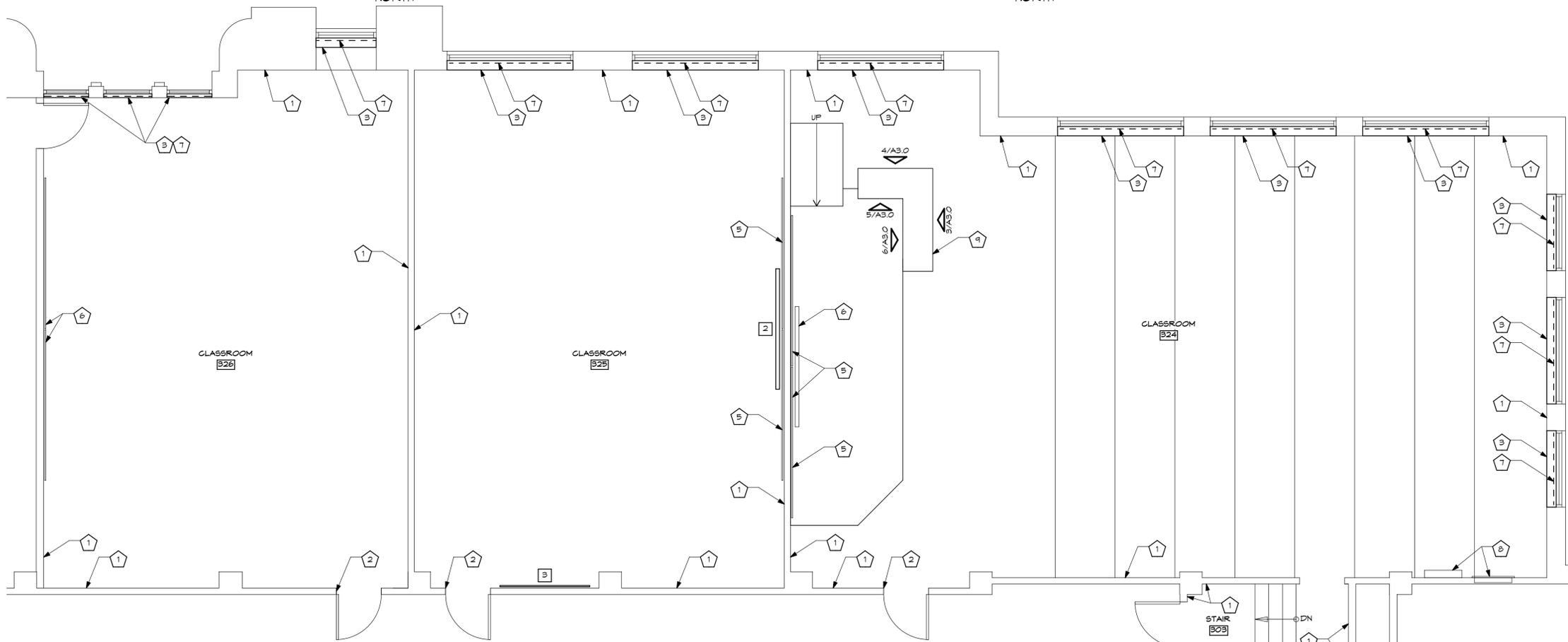
1 CLASSROOM #339 ENLARGED PLAN  
A3.2 1/4" = 1'-0"



2 CLASSROOM #327#328 ENLARGED PLAN  
A3.2 1/4" = 1'-0"



3 CLASSROOM #351 ENLARGED PLAN  
A3.2 1/4" = 1'-0"



4 CLASSROOM #324#325#326 ENLARGED PLAN  
A3.2 1/4" = 1'-0"



**GENERAL NOTES:** (THIS SHEET ONLY)

A. ALL (E) WINDOWS TO BE CAULKED AND SEALED (INTERIOR AND EXTERIOR)

**KEYED NOTES:** (THIS SHEET ONLY)

- 1 (E) WALLS TO BE REPAINTED
- 2 (E) DOOR FRAME TO BE REPAINTED
- 3 NEW SOLID SURFACE WINDOW SILL - SEE WINDOW SILL SCHEDULE (A5.0)
- 4 (E) WINDOW SHADES TO REMAIN
- 5 (E) VISUAL DISPLAY BOARD TO REMAIN
- 6 (E) PROJECTION SCREEN TO REMAIN
- 7 NEW WINDOW SHADE AT (E) WINDOW - SEE WINDOW SHADE SCHEDULE (A5.0) AND DETAIL 1/A5.0
- 8 (E) DATA AND ELEC PANEL TO REMAIN
- 9 NEW PODIUM - SEE INTERIOR ELEVATIONS
- 10 NEW 24"x24" CARPET TILE - TILE PATTERN TO BE BRICK/RANDOM.

**KEY FOR VISUAL DISPLAY BOARDS**

- 1 MARKERBOARD 10'x4'
- 2 BRACKET-MOUNTED PROJECTION SCREEN
- 3 TACKBOARD 6'x4'
- 4 MARKERBOARD 8'x4'

**DBS APPROVAL**

BLD2107-00040  
**REVIEWED FOR CODE COMPLIANCE**

This approval shall not be construed to be an approval of any violation of, or variance from, Idaho's adopted codes, standards, laws or rules applicable to this project.  
**SEPARATE BUILDING PERMIT REQUIRED FOR CONSTRUCTION**

LICENSED ARCHITECT  
AR - 986832  
10-11-21  
SCOTT R. LLOYD  
STATE OF IDAHO

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POCATELLO, IDAHO 83204  
(208) 232-1223

**JH S**  
JENSEN•HAYES•SHROPSHIRE ARCHITECTS, P.A.

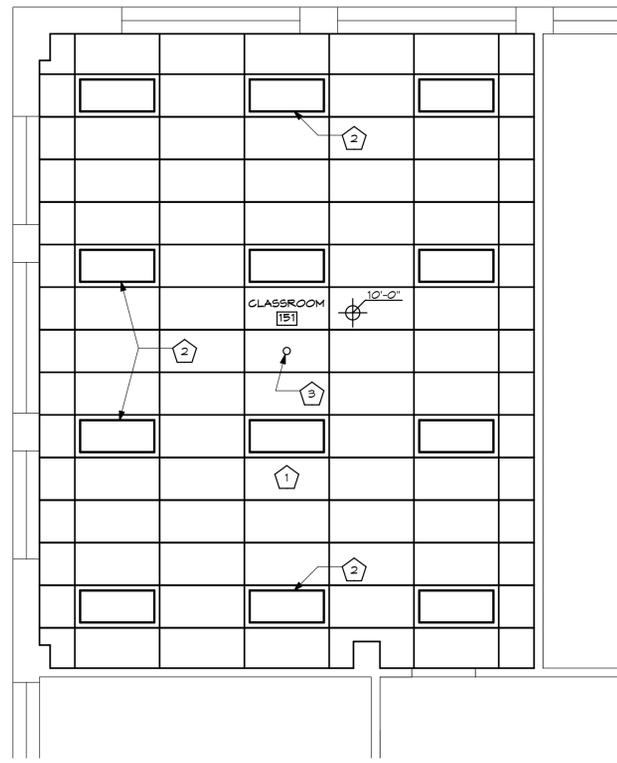
**CLASSROOM REMODEL**  
DPW #21-225 - ISU LIBERAL ARTS, BLDG #4  
**LEVEL 3 ENLARGED PLANS**

REVISIONS: \_\_\_\_\_

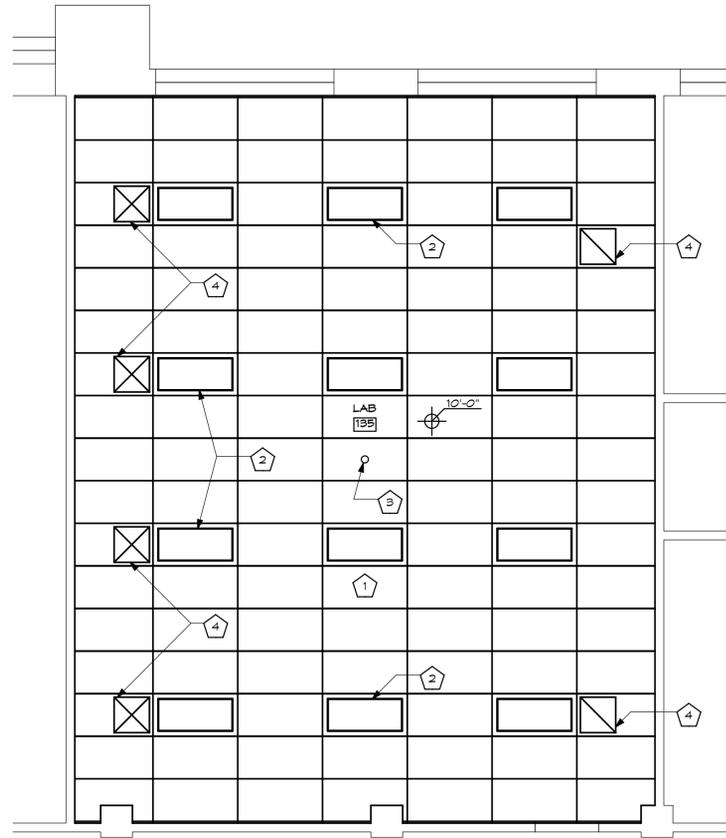
DATE: JUL 21  
DRAWING NO. **A3.2**

JOB NO. 2029  
13 OF 16

FILE NAME: 2029\_Liberal Arts\_R14  
UPDATE: 2021.07.16.  
DRAWN BY: IH



**1 CLASSROOM #151 RCP**  
**A4.0** 1/4" = 1'-0"  
 PLAN NORTH



**2 LAB #135 RCP**  
**A4.0** 1/4" = 1'-0"  
 PLAN NORTH

**GENERAL NOTES:** (THIS SHEET ONLY)

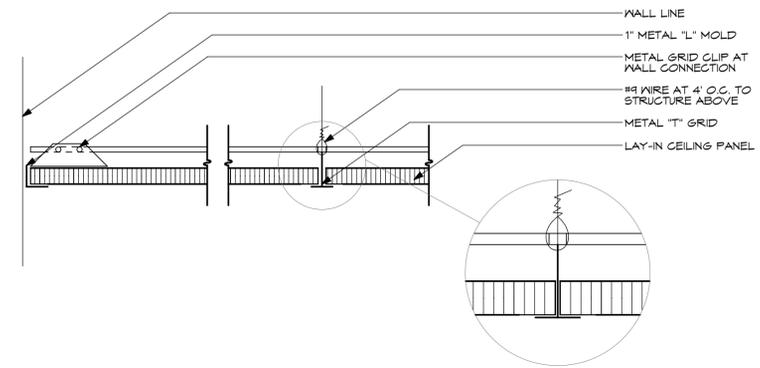
A. REFER TO ELEC. FOR LIGHT FIXTURES

**KEYED NOTES:** (THIS SHEET ONLY)

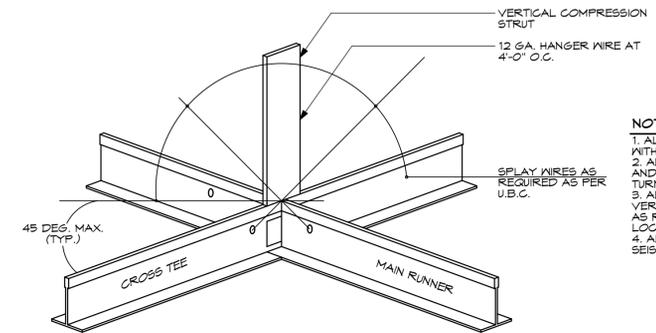
- 1 NEW LAY-IN ACT SYSTEM
- 2 NEW LAY-IN LIGHT FIXTURE - REF. ELEC.
- 3 NEW DATA MOUNTING POLE - SECURED TO UNDERSIDE OF FLOOR/ ROOF DECK ABOVE. PROVIDE POWER AND DATA TO MOUNTING LOCATION - SEE DETAIL 3/A5.0
- 4 NEW 24"x24" LAY-IN MECH DIFFUSER SIMILAR IN TYPE AND SIZE OF EXISTING DIFFUSER (WHITE) - CONTRACTOR SHALL CONNECT TO EXISTING DUCTWORK AT EXISTING LOCATION

**CEILING SYMBOLS LEGEND:** (THIS SHEET ONLY)

- (N) 2x4 LAY-IN SUSPENDED CEILING SYSTEM
- (N) 2x4 LAY-IN LIGHT FIXTURE
- (N) SUPPLY AIR GRILLE
- (N) RETURN AIR GRILLE
- (N) MOUNTING POLE

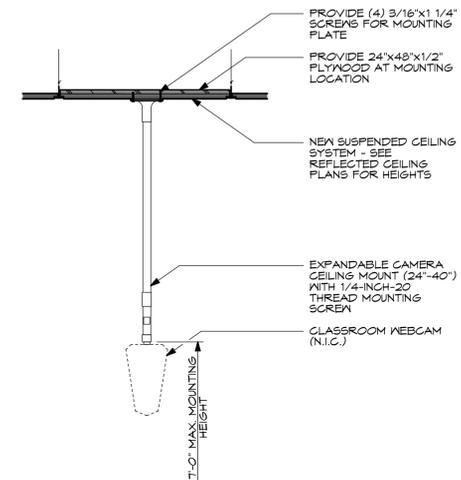


**3 LAY-IN CEILING WELL DETAIL**  
**A4.0** N.T.S.

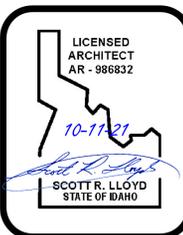


**4 SEISMIC CEILING DETAIL**  
**A4.0** N.T.S.

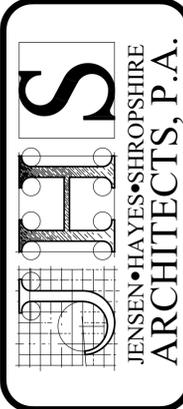
**NOTE:**  
 1. ALL SPLAY WIRES TO BE IN LINE WITH ATTACHED COMPONENT.  
 2. ALL SPLAY WIRES TO BE TAUT AND TIED AT BOTH ENDS W/ MIN. 3 TURNS IN 1" OF RUN.  
 3. ALL CEILINGS SHALL HAVE VERTICAL COMPRESSION STRUTS AS REQUIRED BY U.B.C. AND LOCAL BUILDING CODES.  
 4. ALL CEILINGS SHALL HAVE SEISMIC BRACING AS SHOWN



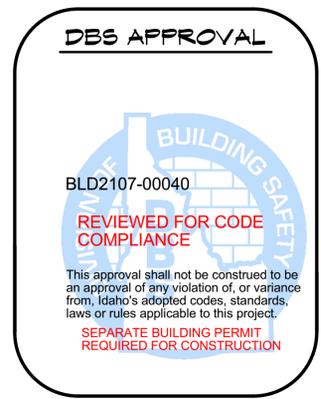
**5 CEILING MOUNTED POLE DETAIL**  
**A4.0** 1" = 1'-0"



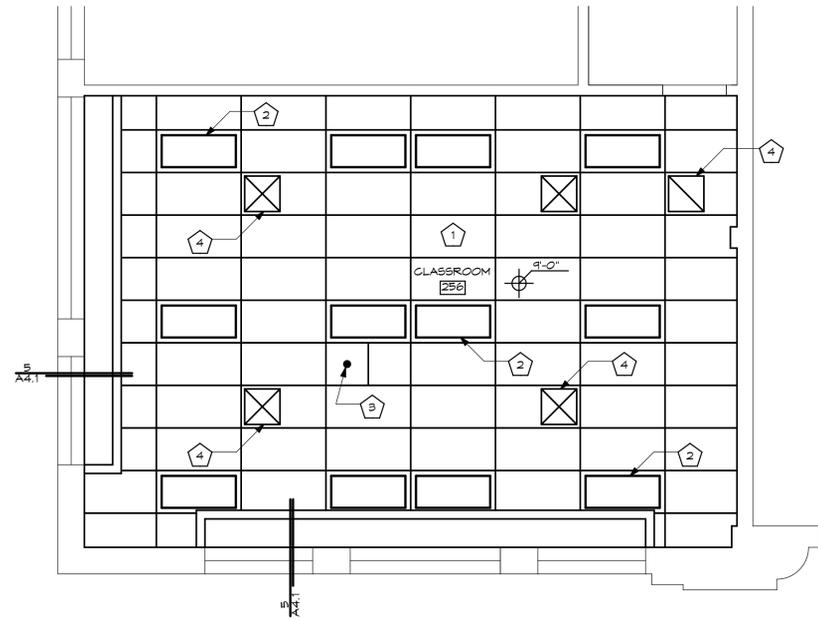
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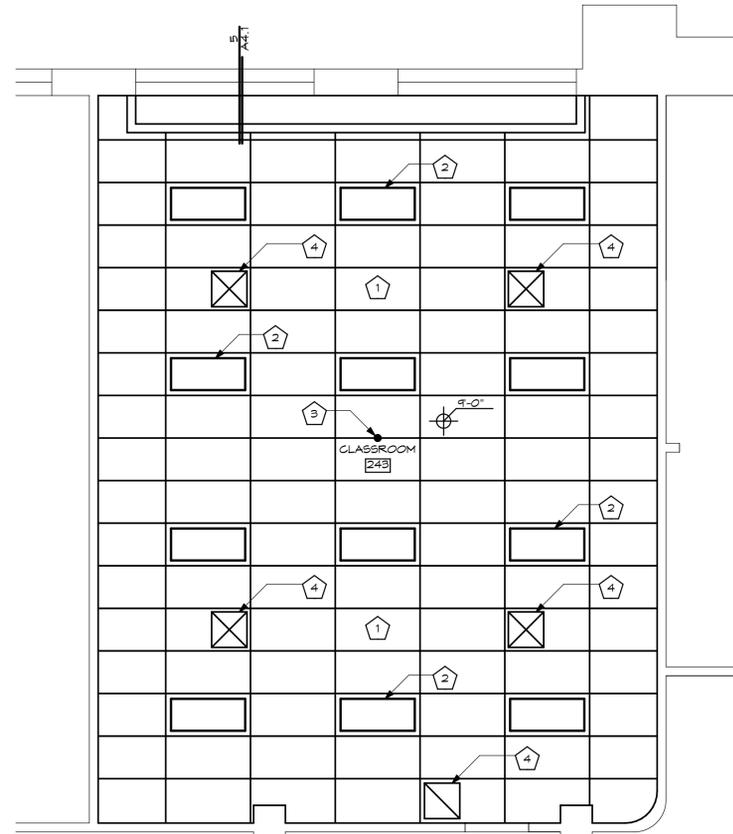
**CLASSROOM REMODEL**  
 DPW #21-225 - ISU LIBERAL ARTS, BLDG #4  
**MAIN LEVEL ENLARGED REFLECTED  
 CEILING PLANS AND DETAILS**



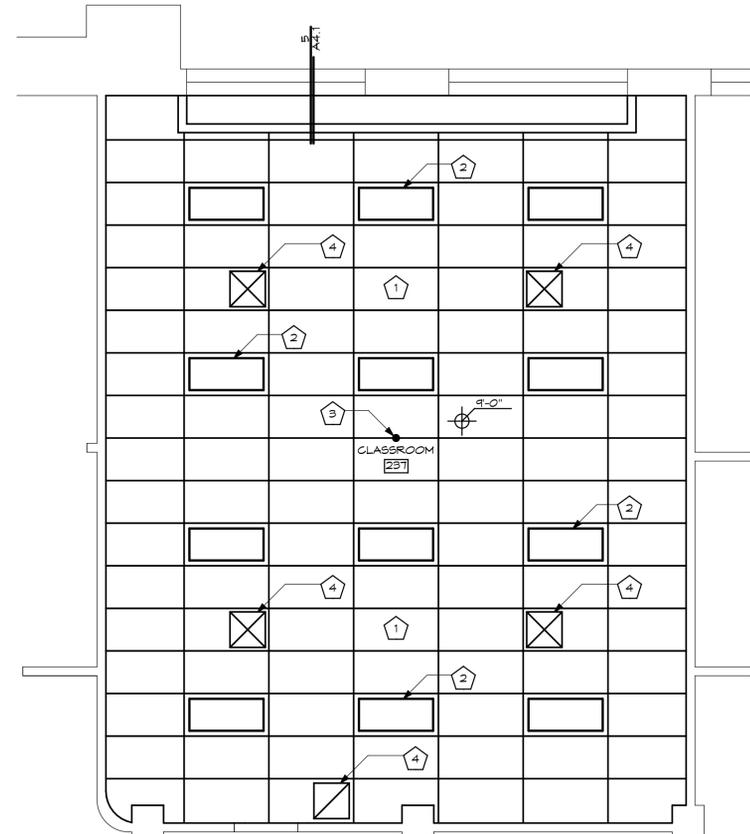
REVISIONS:  
 DATE: JUL 21  
 JOB NO. 2029  
 DRAWING NO. **A4.0**  
 14 OF 16



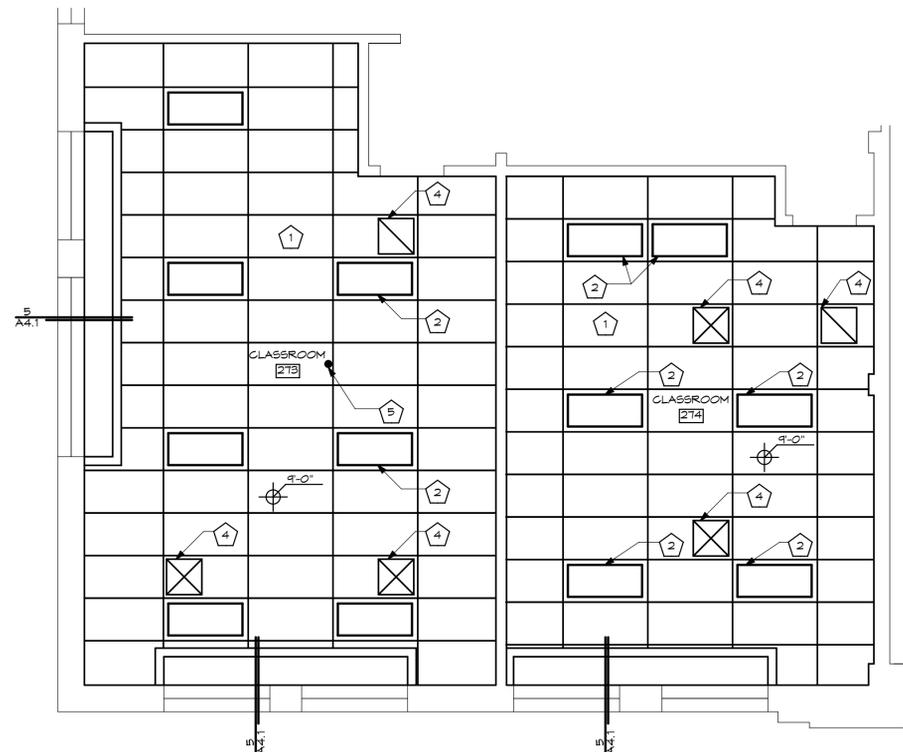
**1 CLASSROOM #256 RCP**  
A4.1 1/4" = 1'-0"



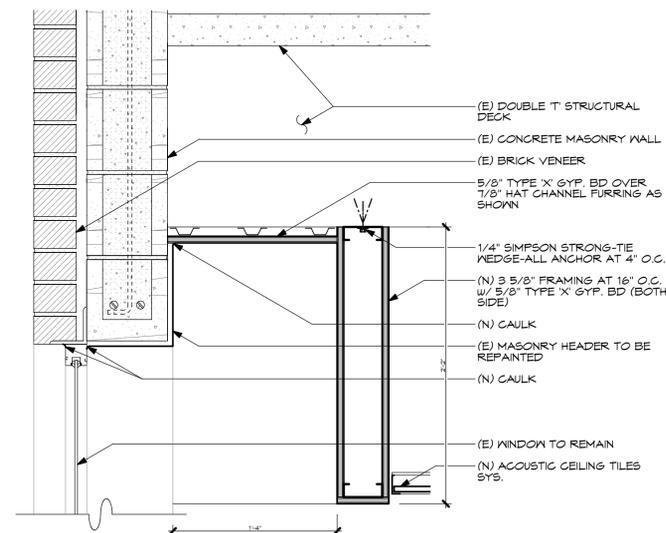
**2 CLASSROOM #243 RCP**  
A4.1 1/4" = 1'-0"



**3 CLASSROOM #237 RCP**  
A4.1 1/4" = 1'-0"



**4 CLASSROOM #273#274 RCP**  
A4.1 1/4" = 1'-0"



**5 LIGHT WELL DETAIL**  
A4.1 1 1/2" = 1'-0"

**GENERAL NOTES:** (THIS SHEET ONLY)

A. REFER TO ELEC. FOR LIGHT FIXTURES

**KEYED NOTES:** (THIS SHEET ONLY)

- 1 NEW LAY-IN ACT SYSTEM
- 2 NEW LAY-IN LIGHT FIXTURE - REF. ELEC.
- 3 (E) MOUNTING POLE AND CLASSROOM CAMERA TO BE REINSTALLED IN CEILING AS SHOWN - SEE DETAIL 5/A5.0
- 4 NEW 24"x24" LAY-IN MESH DIFFUSER SIMILAR IN TYPE AND SIZE OF EXISTING DIFFUSER (WHITE) - CONTRACTOR SHALL CONNECT TO EXISTING DUCTWORK AT EXISTING LOCATION
- 5 NEW DATA MOUNTING POLE - SECURED TO UNDERSIDE OF FLOOR/ROOF DECK ABOVE. PROVIDE POWER AND DATA TO MOUNTING LOCATION

**CEILING SYMBOLS LEGEND:** (THIS SHEET ONLY)

- (N) 2x4 LAY-IN SUSPENDED CEILING SYSTEM
- (N) 2x4 LAY-IN LIGHT FIXTURE
- (N) SUPPLY AIR GRILLE
- (N) RETURN AIR GRILLE
- (E) MOUNTING POLE TO REMAIN

**DBS APPROVAL**

BLD2107-00040

**REVIEWED FOR CODE COMPLIANCE**

This approval shall not be construed to be an approval of any violation of, or variance from, Idaho's adopted codes, standards, laws or rules applicable to this project.

**SEPARATE BUILDING PERMIT REQUIRED FOR CONSTRUCTION**

LICENSED ARCHITECT  
AR - 986832

10-7-21

SCOTT R. LLOYD  
STATE OF IDAHO

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**JH S**

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ARCHITECTS, P.A.

**CLASSROOM REMODEL**  
DPW #21-225 - ISU LIBERAL ARTS, BLDG #4

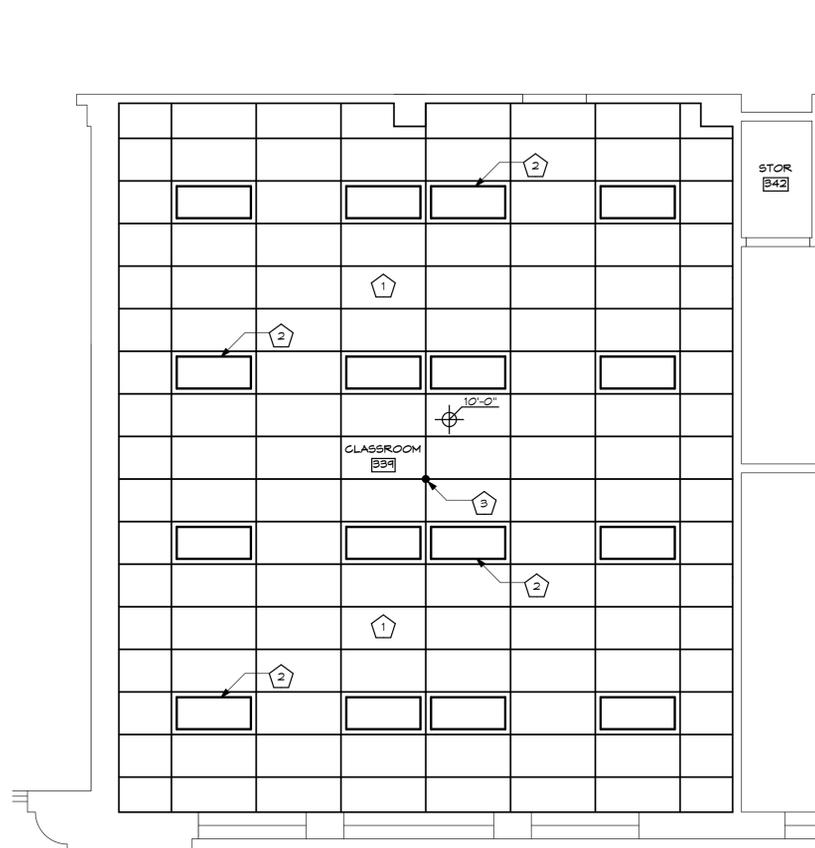
**LEVEL 2 ENLARGED REFLECTED CEILING PLANS AND DETAIL**

REVISIONS:

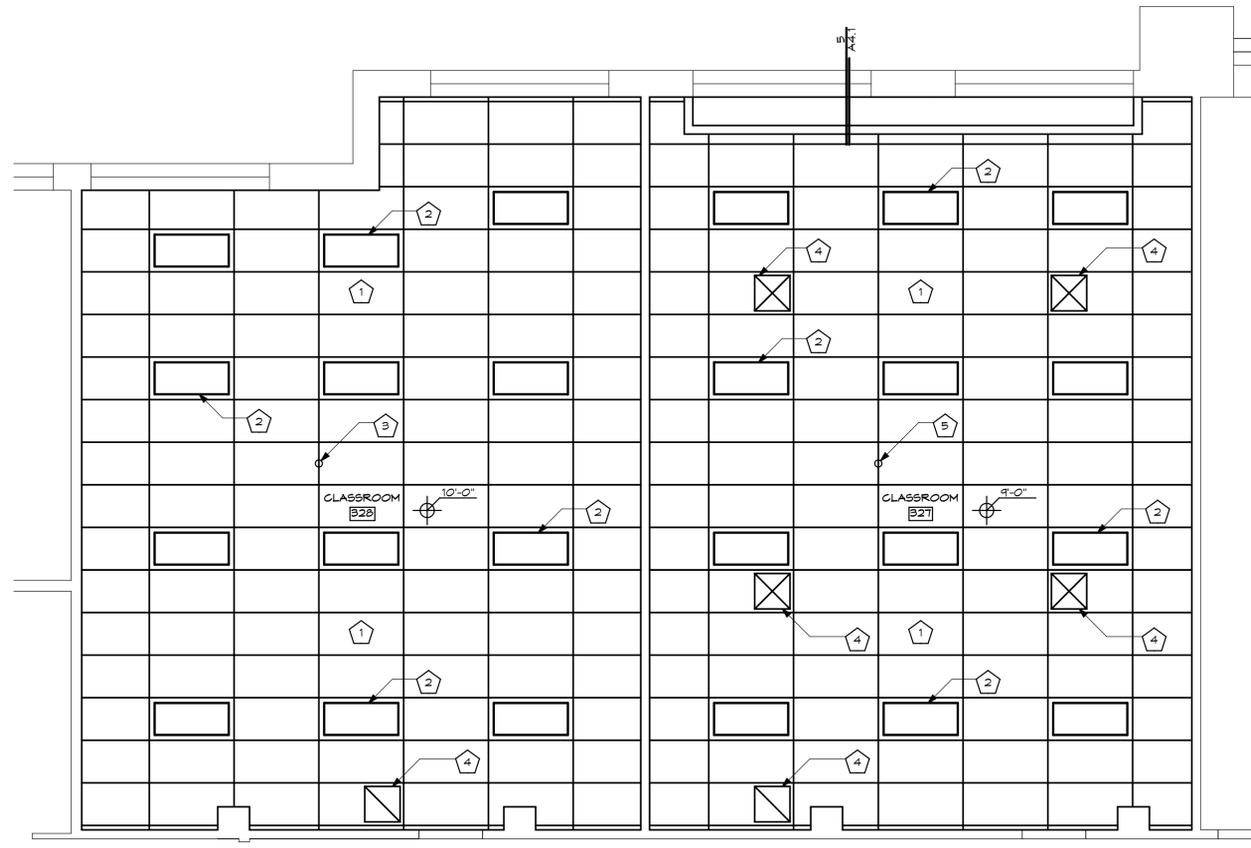
DATE: JUL 21  
DRAWING NO. **A4.1**

JOB NO. 2029  
15 OF 16

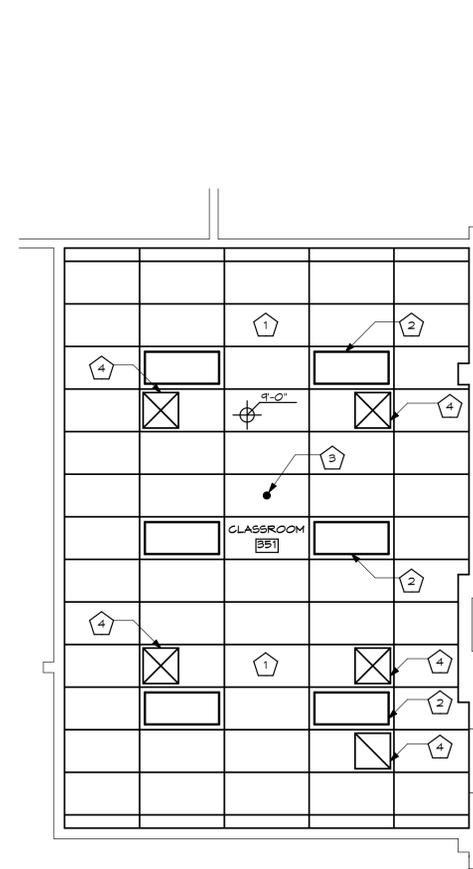
FILE NAME: 2029\_Liberal Arts\_R14  
UPDATE: 2021.07.16  
DRAWN BY: JH



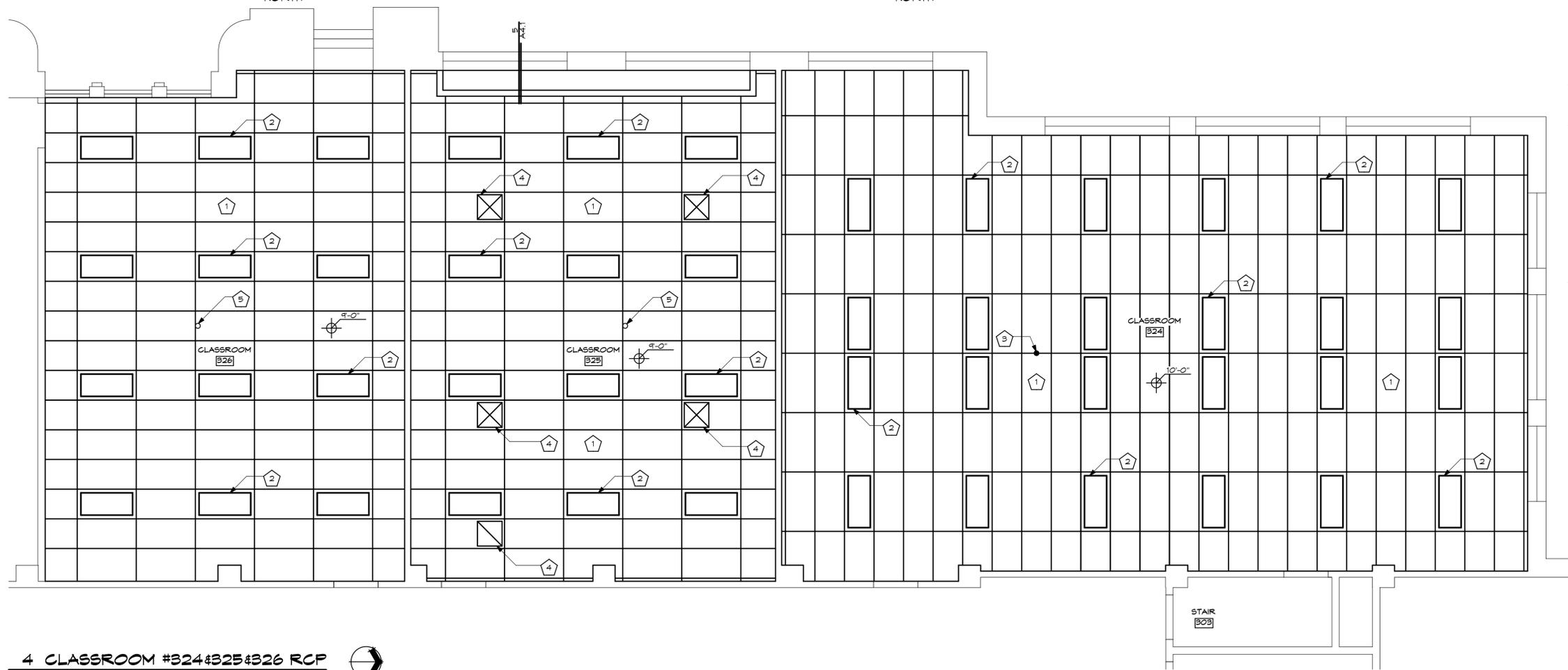
**1 CLASSROOM #339 RCP**  
A4.2 1/4" = 1'-0" PLAN NORTH



**2 CLASSROOM #327#328 RCP**  
A4.2 1/4" = 1'-0" PLAN NORTH



**3 CLASSROOM #351 RCP**  
A4.2 1/4" = 1'-0" PLAN NORTH



**4 CLASSROOM #324#325#326 RCP**  
A4.2 1/4" = 1'-0" PLAN NORTH

- GENERAL NOTES:** (THIS SHEET ONLY)  
A. REFER TO ELEC. FOR LIGHT FIXTURES
- KEYED NOTES:** (THIS SHEET ONLY)
- 1 NEW LAY-IN ACT SYSTEM
  - 2 NEW LAY-IN LIGHT FIXTURE - REF. ELEC.
  - 3 (E) MOUNTING POLE TO REMAIN
  - 4 NEW 24"x24" LAY-IN MESH DIFFUSER SIMILAR IN TYPE AND SIZE OF EXISTING DIFFUSER (WHITE) - CONTRACTOR SHALL CONNECT TO EXISTING DUCTWORK AT EXISTING LOCATION
  - 5 NEW MEDIA MOUNTING POLE - SECURE TO UNDERSIDE OF FLOOR/ROOF DECK ABOVE. PROVIDE POWER AND DATA TO MOUNTING LOCATION - SEE DETAIL 5/AS.0
- CEILING SYMBOLS LEGEND:** (THIS SHEET ONLY)
- (N) 2x4 LAY-IN SUSPENDED CEILING SYSTEM
  - (N) 2x4 LAY-IN LIGHT FIXTURE
  - (N) SUPPLY AIR GRILLE
  - (N) RETURN AIR GRILLE
  - (N) MOUNTING POLE
  - (E) MOUNTING POLE TO REMAIN

**DBS APPROVAL**

BLD2107-00040

**REVIEWED FOR CODE COMPLIANCE**

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**SEPARATE BUILDING PERMIT REQUIRED FOR CONSTRUCTION**

LICENSED ARCHITECT  
AR - 986832

10-17-21

SCOTT R. LLOYD  
STATE OF IDAHO

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**JH S**

JENSEN•HAYES•SHROPSHIRE ARCHITECTS, P.A.

**CLASSROOM REMODEL**  
DPW #21-225 - ISU LIBERAL ARTS, BLDG #4

**LEVEL 3 ENLARGED REFLECTED CEILING PLANS**

REVISIONS:

DATE: JUL 21  
DRAWING NO. **A4.2**

JOB NO. 2029  
16 OF 16

FILE NAME: 2029\_Liberal Arts\_R14  
UPDATE: 2021.07.16  
DRAWN BY: IH

### WINDOW SILL SCHEDULE

| LEVEL 1                |              |              |              |              |              |              |              |
|------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| ROOM                   | WINDOW SIZES |              |              |              |              |              |              |
|                        | -            | -            | -            | 4'-0"x5'-6"  | 5'-0"x5'-6"  | 7'-0"x5'-6"  | 8'-5"x5'-6"  |
| BASE BID               |              |              |              |              |              |              |              |
| LAB 135                |              |              |              |              |              |              | 2            |
| MEN 136                |              |              |              | 1            |              |              |              |
| WOMEN 138              |              |              |              | 1            |              |              |              |
| CLASSROOM 151          |              |              |              |              | 2            | 1            | 2            |
| CONFERENCE 152         |              |              |              |              | 1            |              | 1            |
| OFFICE 155             |              |              |              |              |              |              | 1            |
| OFFICE 156             |              |              |              |              | 2            |              |              |
| OFFICE 157             |              |              |              |              |              | 1            |              |
| OFFICE 158             |              |              |              |              | 1            |              |              |
| ALTERNATE #1           |              |              |              |              |              |              |              |
| GRAPHICS LAYOUT 109    |              |              |              |              | 1            |              | 1            |
| OFFICE 116             |              |              |              |              | 1            |              |              |
| OFFICE 117             |              |              |              |              | 1            |              |              |
| CONFERENCE 118         |              |              |              |              |              | 1            | 1            |
| OFFICE 123             |              |              |              |              | 1            |              |              |
| OFFICE 124             |              |              |              |              |              | 1            |              |
| OFFICE 125             |              |              |              |              | 1            |              | 1            |
| OFFICE 126             |              |              |              |              |              |              | 1            |
| OFFICE 127             |              |              |              |              |              |              | 1            |
| OFFICE 128A            |              |              |              |              |              |              | 1            |
| RESEARCH LAB 139       |              |              |              |              |              |              | 1            |
| RESEARCH LAB 140       |              |              |              |              |              |              | 1            |
| PHOTO 141              |              |              |              |              |              |              | 1            |
| STUDIO MOUNT PRESS 150 |              |              |              |              |              |              | 1            |
| OFFICE 160A            |              |              |              |              | 1            |              |              |
| OFFICE 160B            |              |              |              |              |              | 1            |              |
| EQUIPMENT 161          |              |              |              |              | 1            |              | 2            |
| HALL 169               |              |              |              |              |              |              | 1            |
| STORAGE 171            |              |              |              |              |              |              | 1            |
| NEWS ROOM 175          |              |              |              |              | 1            |              | 1            |
| LEVEL 2                |              |              |              |              |              |              |              |
| ROOM                   | WINDOW SIZES |              |              |              |              |              |              |
|                        | 2'-8"x4'-3"  | 3'-0"x6'-10" | 3'-3"x6'-10" | 4'-0"x6'-10" | 5'-0"x6'-10" | 7'-0"x6'-10" | 8'-5"x6'-10" |
| BASE BID               |              |              |              |              |              |              |              |
| OFFICE 207B            |              |              |              |              | 1            |              |              |
| OFFICE 207C            |              |              |              |              | 1            |              |              |
| OFFICE 207D            |              |              |              |              | 2            |              |              |
| OFFICE 207E            |              |              |              |              |              |              | 1            |
| OFFICE 207F            |              |              |              |              | 1            |              |              |
| OFFICE 212             |              |              |              |              | 1            |              |              |
| OFFICE 217             |              |              |              |              | 1            |              |              |
| OFFICE 220             |              |              |              |              |              | 1            |              |
| OFFICE 225             |              |              |              |              |              |              | 1            |
| OFFICE 226             |              |              |              |              | 1            |              |              |
| OFFICE 229             |              |              |              |              |              | 1            |              |
| OFFICE 232             |              |              |              |              | 1            |              | 1            |
| OFFICE 233             |              |              |              |              |              |              | 1            |
| OFFICE 234             |              |              |              |              |              |              | 1            |
| OFFICE 236             |              |              |              |              |              |              | 1            |
| CLASSROOM 237          |              |              |              |              |              |              | 2            |
| CLASSROOM 243          |              |              |              |              |              |              | 2            |
| STUDY ROOM 244         |              |              |              |              |              |              | 1            |
| OFFICE 247             |              |              |              |              |              |              | 1            |
| OFFICE 249             |              |              |              |              |              |              | 1            |
| OFFICE 250             |              |              |              |              | 1            |              | 1            |
| OFFICE 251             |              |              |              |              |              | 1            |              |
| OFFICE 252             |              |              |              |              | 1            |              |              |
| OFFICE 253             |              |              |              |              |              |              | 1            |
| CONFERENCE 255         |              |              |              |              | 1            |              |              |
| CLASSROOM 256          |              |              |              |              | 3            | 1            | 1            |
| OFFICE 258C            |              |              |              |              | 1            |              |              |
| OFFICE 258D            |              |              |              |              |              | 1            |              |
| OFFICE 258E            |              |              |              |              | 1            |              |              |
| CONFERENCE 260         |              |              |              |              |              |              | 1            |
| OFFICE 263             |              |              |              |              |              |              | 1            |
| COMPUTER LAB 270       |              |              |              |              |              |              | 1            |
| OFFICE 271             |              |              |              |              |              |              | 1            |
| CLASSROOM 273          |              |              |              |              | 3            |              | 1            |
| CLASSROOM 274          |              |              |              |              | 2            |              |              |
| STAIR 251              | 2            |              |              |              |              |              |              |
| STAIR 252              |              | 2            | 1            |              |              |              |              |
| STAIR 253              | 2            |              |              |              |              |              |              |

### WINDOW SILL SCHEDULE

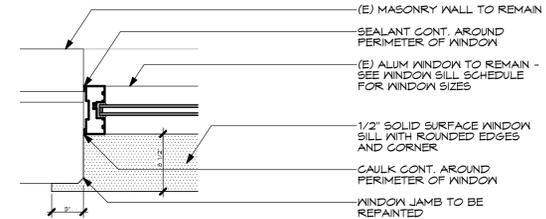
| LEVEL 3          |              |              |              |              |              |              |              |
|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| ROOM             | WINDOW SIZES |              |              |              |              |              |              |
|                  | 2'-8"x4'-3"  | 3'-0"x6'-10" | 3'-3"x6'-10" | 4'-0"x6'-10" | 5'-0"x6'-10" | 7'-0"x6'-10" | 8'-5"x6'-10" |
| BASE BID         |              |              |              |              |              |              |              |
| OFFICE 306       |              |              |              |              | 3            |              |              |
| RECEPTION 307    |              |              |              |              | 2            |              |              |
| CONFERENCE 308   |              |              |              |              | 1            |              | 1            |
| RESEARCH LAB 315 |              |              |              |              | 1            |              |              |
| OFFICE 317       |              |              |              |              | 1            |              |              |
| OFFICE 320       |              |              |              |              |              | 1            |              |
| OFFICE 322       |              |              |              |              |              |              | 1            |
| CLASSROOM 324    |              |              |              |              | 2            | 1            | 4            |
| CLASSROOM 325    |              |              |              |              |              |              | 2            |
| CLASSROOM 326    |              |              | 2            | 1            | 1            |              |              |
| GRAD OFFICE 326A |              |              |              |              | 1            |              |              |
| CLASSROOM 327    |              |              |              |              |              |              | 2            |
| CLASSROOM 328    |              |              |              |              |              |              | 2            |
| CONFERENCE 329   |              |              |              |              | 1            | 1            | 2            |
| OFFICE 330       |              |              |              |              | 1            |              |              |
| OFFICE 331       |              |              |              |              |              |              | 1            |
| OFFICE 333       |              |              |              |              | 1            |              |              |
| OFFICE 334       |              |              |              |              |              |              | 1            |
| OFFICE 336       |              |              |              |              | 2            |              |              |
| OFFICE 337       |              |              |              |              | 1            | 1            |              |
| CLASSROOM 339    |              |              |              |              | 2            | 1            |              |
| OFFICE 340       |              |              |              |              |              |              | 1            |
| OFFICE 341       |              |              |              |              |              |              | 1            |
| STAIR 351        | 2            |              |              |              |              |              |              |
| STAIR 354        |              |              |              |              |              |              | 1            |
| ALTERNATE #1     |              |              |              |              |              |              |              |
| OFFICE 349       |              |              |              |              |              |              | 1            |
| OFFICE 353       |              |              |              |              | 1            |              | 1            |
| OFFICE 359       |              |              |              |              |              |              | 1            |
| OFFICE 360       |              |              |              |              |              |              | 1            |
| OFFICE 362       |              |              |              |              | 2            |              |              |
| CORRIDOR 358     |              |              |              |              | 1            |              |              |
| OFFICE 363       |              |              |              |              | 1            |              |              |

### WINDOW SHADE SCHEDULE

| LEVEL 1       |              |              |              |              |              |              |
|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| ROOM          | WINDOW SIZES |              |              |              |              |              |
|               | -            | -            | 4'-0"x5'-6"  | 5'-0"x5'-6"  | 7'-0"x5'-6"  | 8'-5"x5'-6"  |
| LAB 135       |              |              |              |              |              | 2            |
| CLASSROOM 151 |              |              |              | 2            | 1            | 2            |
| LEVEL 2       |              |              |              |              |              |              |
| ROOM          | WINDOW SIZES |              |              |              |              |              |
|               | 3'-0"x6'-10" | 3'-3"x6'-10" | 4'-0"x6'-10" | 5'-0"x6'-10" | 7'-0"x6'-10" | 8'-5"x6'-10" |
| CLASSROOM 274 |              |              |              | 2            |              |              |
| LEVEL 3       |              |              |              |              |              |              |
| ROOM          | WINDOW SIZES |              |              |              |              |              |
|               | 3'-0"x6'-10" | 3'-3"x6'-10" | 4'-0"x6'-10" | 5'-0"x6'-10" | 7'-0"x6'-10" | 8'-5"x6'-10" |
| CLASSROOM 324 |              |              |              | 2            | 1            | 4            |
| CLASSROOM 325 |              |              |              |              |              | 2            |
| CLASSROOM 326 | 2            | 1            | 1            |              |              |              |
| CLASSROOM 339 |              |              |              | 2            | 1            |              |

#### GENERAL NOTES: (THIS SHEET ONLY)

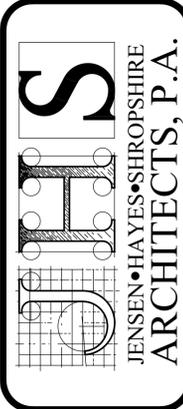
A. CONTRACTOR TO VERIFY EXISTING ALL WINDOW OPENINGS



1 SOLID SURFACE WINDOW SILL DETAIL  
 A5.0 1-1/2" = 1'-0"



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CLASSROOM REMODEL  
 DPW #21-225 - ISU LIBERAL ARTS, BLDG #4  
 WINDOW SCHEDULES AND DETAIL

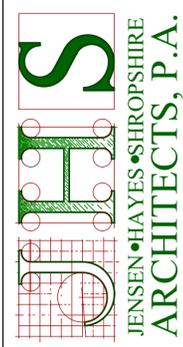
**DBS APPROVAL**

BLD2107-00040  
**REVIEWED FOR CODE COMPLIANCE**  
 This approval shall not be construed to be an approval of any violation of, or variance from, Idaho's adopted codes, standards, laws or rules applicable to this project.  
**SEPARATE BUILDING PERMIT REQUIRED FOR CONSTRUCTION**

REVISIONS:  
 DATE: JUL 21  
 DRAWING NO. **A5.0**  
 JOB NO. 2029  
 17 OF 16  
 FILE NAME: 2029\_Liberal Arts\_R14  
 UPDATE: 2021.07.16  
 DRAWN BY: IH



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FLOORING REPLACEMENT PROJECT  
 DPW #21-225 - ISU LIBERAL ARTS, BLDG #4  
 ELECTRICAL COVER SHEET

REVISIONS:  
 DATE: JULY 21  
 DRAWING NO. E0.0  
 1 OF 16  
 FILE NAME: 2029\_Liberal Arts\_R06  
 UPDATE: 2021.03.22  
 DRAWN BY: IH

### ELECTRICAL LEGEND - LIGHTING

REFERENCE SCHEDULE FOR MOUNTING TYPE, MOUNTING HEIGHT, AND FIXTURE TYPE.

|   |   |
|---|---|
| ⊗ | DOUBLE FACE EXIT SIGN, CEILING MOUNTED, PROVIDE UNSWITCHED CONDUCTOR.   |
| ⊗ | WALL MOUNTED DOUBLE FACE EXIT SIGN PROVIDE UNSWITCHED CONDUCTOR. MOUNT AT +8'-0" UNO.   |
| ⊗ | SINGLE FACE EXIT SIGN, CEILING MOUNTED PROVIDE UNSWITCHED CONDUCTOR.  |
| ⊗ | WALL MOUNTED SINGLE FACE EXIT SIGN PROVIDE UNSWITCHED CONDUCTOR. MOUNT AT +8'-0" UNO.   |
| ↑ | ARROW INDICATES DIRECTION TO BE SHOWN ON SIGN.  |
| □ | 1'X1' LIGHT FIXTURE.  |
| □ | 1'X1' LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.                                   |
| ▭ | TRACK LIGHT   |
| ▭ | 1'X4' LIGHT FIXTURE.  |
| ▭ | 1'X4' LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.                                   |
| ▭ | 2'X4' LIGHT FIXTURE.  |
| ▭ | 2'X4' LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.                                   |
| ▭ | 2'X2' LIGHT FIXTURE.  |
| ▭ | 2'X2' LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.                                   |
| ▭ | DIRECT/INDIRECT LIGHT FIXTURE. SEE SCHEDULE FOR LENGTH.   |
| ▭ | DIRECT/INDIRECT LIGHT FIXTURE. SEE SCHEDULE FOR LENGTH, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR |
| ▭ | STRIP LIGHT FIXTURE. SEE SCHEDULE FOR LENGTH.   |
| ▭ | STRIP LIGHT FIXTURE. SEE SCHEDULE FOR LENGTH, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR           |
| ▭ | WALL MOUNTED LIGHT FIXTURE.   |
| ▭ | WALL MOUNTED LIGHT FIXTURE, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.                            |
| ○ | RECESSED LIGHT FIXTURE  |
| ○ | RECESSED LIGHT FIXTURE. PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.                                |
| ○ | ROUND LIGHT FIXTURE   |
| ○ | ROUND EMERGENCY LIGHT FIXTURE. PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.                         |
| ○ | WALL MOUNTED LIGHT FIXTURE.   |
| ○ | WALL MOUNTED EMERGENCY LIGHT FIXTURE. PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR.                  |
| ○ | POLE LIGHT 1 HEAD WITH POLE   |
| ○ | TIME CLOCK  |
| ○ | PHOTO CONTROL CELL LOCATED 12" ABOVE ROOF FACING NORTH.   |
| ○ | OCCUPANCY SENSOR. PROVIDE RELAYS AND POWER PACKS AS REQUIRED  |
| ○ | LED DRIVER  |
| ○ | EMERGENCY EGRESS LIGHTING WITH OUT FUTURE HEADS. CONNECT TO AN UNSWITCHED CONDUCTOR.  |
| ○ | EMERGENCY EGRESS LIGHTING. CONNECT TO AN UNSWITCHED CONDUCTOR.  |
| ○ | INDICATES FIXTURE TYPE. REFER TO FIXTURE SCHEDULE.  |
| ⊞ | EXTERIOR WALL PACK  |
| ⊞ | EMERGENCY EXTERIOR WALL PACK, PROVIDE EMERGENCY BATTERY BACKUP CONNECTED TO AN UNSWITCHED CONDUCTOR                           |

### DEVICES

|     |  |
|-----|--|
| SW  | SWITCH, TYPE AS INDICATED. +46" AFF  |
| 2   | DOUBLE POLE  |
| 3   | 3-WAY  |
| 4   | 4-WAY  |
| K   | KEYED  |
| P   | PILOT LIGHT  |
| D   | DIMMER   |
| HP  | HORSEPOWER RATED   |
| TO  | THERMAL OVERLOAD   |
| LV  | LOW VOLTAGE  |
| OS  | OCCUPANCY SENSOR   |
| OR  | LOW VOLTAGE, MOMENTARY OVERRIDE  |
| VS  | VACANCY SENSOR   |
| a   | SUPERSCRIPT INDICATES LIGHTS TO BE SWITCHED TOGETHER   |
| SS  | DUAL LEVEL SWITCHING, INSIDE AND OUTSIDE LAMPS OF FIXTURE TO BE SWITCHED SEPARATELY.   |
| SSa | DUAL LEVEL SWITCHING WITH OCCUPANCY SENSOR, INSIDE AND OUTSIDE LAMPS OF FIXTURE TO BE SWITCHED SEPARATELY.   |
| SSa | OCCUPANCY SENSOR WITH MANUAL DIMMING, SET FOR 50% AUTOMATIC ON, AUTOMATIC OFF, WITH MANUAL DIMMING.  |
| ○   | SINGLE CONVENIENCE OUTLET, +18" AFF UNO  |
| ○   | FLOOR MOUNT SINGLE CONVENIENCE OUTLET  |
| ○   | DUPLEX CONVENIENCE OUTLET, +18" AFF UNO  |
| ○   | FLOOR MOUNT DUPLEX CONVENIENCE OUTLET  |
| ○   | EMERGENCY DUPLEX CONVENIENCE OUTLET, +18" AFF UNO  |
| ○   | SWITCHED DUPLEX CONVENIENCE OUTLET, +18" AFF UNO   |
| ○   | FLOOR MOUNTED SWITCHED DUPLEX CONVENIENCE OUTLET   |
| ○   | USB DUPLEX CONVENIENCE OUTLET, +18" AFF UNO  |
| ○   | USB FOURPLEX CONVENIENCE OUTLET, +18" AFF UNO  |
| ○   | FOURPLEX CONVENIENCE OUTLET, +18" AFF UNO  |
| ○   | FLOOR MOUNT FOURPLEX CONVENIENCE OUTLET  |
| ○   | CONNECTION POINT TO EQUIPMENT SPECIFIED, ELECTRICAL CONTRACTOR TO SUPPLY RACEWAY AND CONDUCTORS AND MAKE FINAL CONNECTION TO EQUIPMENT UNDER THIS SECTION. UNO |
| ○   | FLOOR MOUNT CONNECTION POINT, SEE NOTE ABOVE FOR REQUIREMENTS  |
| ○   | FLOOR MOUNTED JUNCTION BOX   |
| ○   | JUNCTION BOX   |
| ○   | WALL MOUNTED PUSH BUTTON, MOUNT AT SWITCH HEIGHT UNO   |
| ○   | WALL MOUNTED PUSH BUTTON, MOUNT AT SWITCH HEIGHT UNO   |
| ○   | MOTOR STARTER/CONTACTOR, SIZE/POLES NEMA 1 UNO AS INDICATED  |
| ○   | COMBINATION STARTER AND DISCONNECT, SIZE/POLES, STARTER SIZE AS INDICATED, NEMA 1 UNO  |
| ○   | FUSED DISCONNECT SWITCH, SIZE/POLES, FUSE SIZES AS INDICATED, NEMA 1 UNO   |
| ○   | NON-FUSED DISCONNECT SIZE/ POLES AS INDICATED, NEMA 1 UNO  |
| ○   | THERMOSTAT, +46" AFF PROVIDE CONDUIT, J-BOX, CONDUCTORS AS REQUIRED TO CONTROL ASSOCIATED UNITS. UNO COORDINATE WITH DIVISION 15.                              |
| ○   | POWER POLE - DUAL CHANNEL  |
| ○   | TRANSFORMER  |
| ○   | PANELBOARD. SEE SCHEDULE FOR TYPE.   |
| ○   | EQUIPMENT CABINET, SURFACE MOUNTED   |
| ○   | EQUIPMENT CABINET FLUSH MOUNTED  |
| ○   | SURFACE MULTI-OUTLET RACEWAY   |
| ○   | MECHANICAL EQUIPMENT CALL OUT  |
| ○   | KITCHEN EQUIPMENT CALLOUT  |

### ONE LINE

|   |  |
|---|--|
| Δ | DELTA WYE TRANSFORMER UNO  |
| ⊞ | PANEL BOARD, SEE SCHEDULE FOR TYPE AND SIZE  |
| ⊞ | CIRCUIT BREAKER, SIZE AND POLES INDICATED  |
| ⊞ | FUSE, SIZE AND TYPE INDICATED, PROVIDE FUSE FOR EACH POLE  |
| ⊞ | INTERRUPTER SWITCH, SIZE AND POLES INDICATED   |
| ⊞ | FUSED SWITCH, SIZE/POLES AND FUSE SIZE INDICATED   |
| ⊞ | DRAW OUT CIRCUIT BREAKER, SIZE AND POLES INDICATED   |
| ⊞ | INDIVIDUAL BREAKER WITH SHUNT TRIP, SIZE AND POLES INDICATED, NEMA 1 UNO   |
| ⊞ | INDIVIDUAL BREAKER, SIZE AND POLES INDICATED, NEMA 1 UNO   |
| ⊞ | GROUND FAULT PROTECTION  |
| ⊞ | TRANSIENT VOLTAGE SURGE SUPPRESSION  |
| ⊞ | ADJUSTABLE BREAKER SETTINGS (PER SPECIFICATIONS):<br>L-LONG TIME<br>S-SHORT TIME<br>T-INSTANTANEOUS<br>G-GROUND FAULT<br>R-ENERGY REDUCING MAINTENANCE SWITCH W/STATUS INDICATOR |
| ⊞ | GROUND   |
| ⊞ | SHUNT TRIP COIL  |
| ⊞ | MOTOR  |
| ⊞ | DISCONNECT SWITCH, SIZE AND POLES INDICATED, NEMA 1 UNO  |
| ⊞ | OVERHEAD SERVICE DROP  |
| ⊞ | GENERATOR SET, MAIN BREAKER SIZE INDICATED   |
| ⊞ | AUTOMATIC TRANSFER SWITCH (ATS)  |
| ⊞ | METER AND BASE   |
| ⊞ | NEUTRAL  |
| ⊞ | DRY TYPE TRANSFORMER   |
| ⊞ | PAD MOUNT TRANSFORMER  |

### SECURITY

|   |   |
|---|---|
| ⊞ | CCTV CAMERA POWER SUPPLY  |
| ⊞ | CCTV SYSTEM POWER SUPPLY  |
| ⊞ | ADJUSTABLE CAMERA (PAN/TILT/ZOOM)   |
| ⊞ | FIXED CAMERA  |
| ⊞ | CAMERA IN OUTDOOR HOUSING   |
| ⊞ | ADJUSTABLE CAMERA (PAN/TILT/ZOOM) IN OUTDOOR HOUSING                          |
| ⊞ | CCTV OUTLET, +18" UNO   |
| ⊞ | CEILING MOUNTED CCTV OUTLET   |
| ⊞ | SECURITY SYSTEM KEYPAD CONTROLLER COORDINATE BOX SIZE AND MUDRING WITH VENDOR |
| ⊞ | CARD READER   |
| ⊞ | CEILING MOUNTED MOTION SENSOR   |
| ⊞ | WALL MOUNTED MOTION SENSOR, MOUNTING HEIGHT INDICATED                         |
| ⊞ | PANIC BUTTON - MOUNTED UNDER COUNTER  |

NOTE: THIS IS A STANDARD LIST OF COMMONLY USED ELECTRICAL SYMBOLS. SOME OF THE SYMBOLS SHOWN MAY NOT HAVE BEEN USED IN THIS DRAWING PACKAGE.

### ELECTRICAL ABBREVIATIONS

|   |   |
|---|---|
| A                                       | AMPERES   |
| AC                                      | 6" ABOVE BACKSPASH ABOVE FINISHED FLOOR   |
| AFG                                     | ABOVE FINISHED GRADE  |
| AF                                      | AMP FRAME   |
| AIC                                     | AMPS INTERRUPTING CAPACITY  |
| AT                                      | AMP TRIP  |
| ATS                                     | AUTOMATIC TRANSFER SWITCH   |
| AWG                                     | AMERICAN WIRE GAUGE   |
| BD                                      | BOTTOM OF DECK  |
| BS                                      | BOTTOM OF STRUCTURE   |
| C                                       | CEILING MOUNTED CONDUIT   |
| CB                                      | CIRCUIT BREAKER   |
| CF                                      | COMPACT FLUORESCENT   |
| CKT                                     | CIRCUIT   |
| CO                                      | CONDUIT ONLY, PROVIDE PULL-LINE   |
| CT                                      | CURRENT TRANSFORMER   |
| CTL                                     | CONTROL   |
| DC                                      | DIRECT CURRENT  |
| (D)                                     | DEMOLITION  |
| DEMO                                    | DEMOLITION  |
| DET                                     | DETAIL  |
| DTT                                     | DOUBLE TWIN TUBE  |
| E                                       | EMERGENCY   |
| (E)                                     | EXISTING  |
| EC                                      | ELECTRICAL CONTRACTOR   |
| EL                                      | EMERGENCY LIGHT   |
| F                                       | FUSE  |
| (F)                                     | FUTURE  |
| FACP                                    | FIRE ALARM CONTROL PANEL  |
| G                                       | GROUND  |
| GIGND                                   | GROUND FAULT CIRCUIT INTERRUPTER  |
| GFCI                                    | GROUND FAULT INTERRUPTER  |
| GFI                                     | GROUND FAULT INTERRUPTER  |
| HH                                      | HAND HOLE   |
| HID                                     | HIGH INTENSITY DISCHARGE  |
| HOA                                     | HAND-OFF-AUTO   |
| HPS                                     | HIGH PRESSURE SODIUM  |
| HVAC                                    | HEATING, VENTILATION, & AIR CONDITIONING  |
| IG                                      | ISOLATED GROUND   |
| IPCO                                    | IDAHO POWER COMPANY   |
| J-BOX                                   | JUNCTION BOX  |
| KA                                      | KILOAMP   |
| KVA                                     | KILO VOLT-AMP   |
| KW                                      | KILOWATT  |
| KWH                                     | KILOWATT HOUR   |
| LCP                                     | LIGHTING CONTROL PANEL  |
| MB                                      | MAIN BREAKER  |
| MBR                                     | MAIN CIRCUIT BREAKER  |
| MCC                                     | MOTOR CONTROL CENTER  |
| MDP                                     | MAIN DISTRIBUTION PANEL   |
| MLO                                     | MAIN LUGS ONLY  |
| MMC                                     | MODULAR METERING CENTER   |
| MH                                      | METAL HALIDE  |
| MSB                                     | MAIN SWITCH BOARD   |
| MTG                                     | MOUNTING  |
| N                                       | NEUTRAL   |
| (N)                                     | NEW   |
| NC                                      | NORMALLY CLOSED   |
| NEC                                     | NATIONAL ELECTRICAL CODE  |
| NIC                                     | NOT IN CONTRACT   |
| NL                                      | NIGHT LIGHT   |
| NO                                      | NORMALLY OPEN   |
| NTS                                     | NOT TO SCALE  |
| OH                                      | OVERHEAD  |
| OS                                      | OCCUPANCY SENSOR  |
| P                                       | POLES   |
| PC                                      | PHOTO-CONTROL   |
| PVC                                     | POLY VINYL CHLORIDE   |
| PWR                                     | POWER   |
| RE:                                     | REFERENCE   |
| REC                                     | RECEPTACLE  |
| (R)                                     | RELOCATED   |
| SF                                      | SQUARE FEET   |
| TBD                                     | TO BE DETERMINED  |
| TDR                                     | TIME DELAY RELAY  |
| TK                                      | TOE KICK  |
| TSP                                     | TWISTED SHIELDED PAIR   |
| TRT                                     | TRIPLE TUBE   |
| TTB                                     | TELEPHONE TERMINAL BOARD  |
| (TYP.)                                  | TYPICAL   |
| UC                                      | UNDERCABINET  |
| UG                                      | UNDERGROUND   |
| U.N.O.                                  | UNLESS NOTED OTHERWISE  |
| V                                       | VOLT  |
| VA                                      | VOLT-AMPERE   |
| W                                       | WATT  |
| WG                                      | WIRE GUARD  |
| WP                                      | WEATHER PROOF/NEMA 3R   |
| PROVIDED/ PROVIDE BY INSTALLED/ INSTALL | PROVIDE AND INSTALL / PROVIDED AND INSTALLED BY / PROVIDE AND INSTALL   |
| NOTE:                                   | THIS IS A STANDARD LIST OF COMMONLY USED ELECTRICAL ABBREVIATIONS. SOME OF THE ABBREVIATIONS SHOWN ABOVE MAY NOT BE USED IN THIS DRAWING PACKAGE. |

### ELECTRICAL GENERAL NOTES

- THESE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC IN NATURE; THEREFORE, THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL ELECTRICAL EQUIPMENT AND DEVICE LOCATIONS WITH ARCHITECTURAL, MECHANICAL, AND PLUMBING DIVISIONS PRIOR TO ROUGH-IN. REFER TO AND COORDINATE WITH ARCHITECTURAL, MECHANICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL WORK THAT IS REQUIRED BY THE ELECTRICAL CONTRACTOR.
  - ALL CONDUIT AND JUNCTION BOXES ARE TO BE CONCEALED UNLESS LOCATED WITHIN DEDICATED ELECTRICAL OR MECHANICAL ROOMS. USE OF SURFACE MOUNTED RACEWAYS IN ALL OTHER SPACES MUST BE APPROVED BY THE ARCHITECT FOR EACH LOCATION. WHERE SURFACE RACEWAYS ARE APPROVED, UTILIZE WIREMOLD, OR APPROVED EQUAL, SURFACE MOUNTED RACEWAYS PAINTED TO MATCH SURROUNDING WALLS.
  - REFER TO ARCHITECTURAL ELEVATIONS FOR OUTLET HEIGHTS WHERE THE SPECIFIC OUTLET HEIGHT IS NOT INDICATED. REFER TO THE ELECTRICAL LEGEND FOR THE DEFAULT OUTLET HEIGHT WHEN NOT INDICATED ON ELEVATIONS OR ON AT THE DEVICES.
  - PROVIDE PULL-LINE IN ALL EMPTY CONDUITS.
  - TERMINATE ALL LOW-VOLTAGE CONDUITS WITH INSULATED THROAT BUSHING.
  - MECHANICAL EQUIPMENT INDICATED IS SHOWN IN AN APPROXIMATE LOCATION. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
  - ALL NON-LOCKING, 120-V, 15 AND 20-AMP RECEPTACLES SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES PER NEC 406.12
- DEMO:
- THE ELECTRICAL DEMOLITION DRAWING(S) PROVIDED ARE INTENDED TO ASSIST THE ELECTRICAL CONTRACTOR IN ESTABLISHING AREAS REQUIRING DISCONNECTION, REMOVAL, OR RELOCATION OF ELECTRICAL EQUIPMENT, OUTLETS, WIRING, DEVICES, FIXTURES, ETC. AND MAY NOT INDICATE ALL DEVICES OR THE FULL EXTENT OF DEMOLITION AND RECONNECTION WHICH MAY BE REQUIRED. THE ELECTRICAL CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY EXAMINE ALL REQUIRED DEMOLITION WORK AND INCLUDE ALL LABOR AND INCIDENTALS THAT WILL BE NECESSARY TO PERFORM DEMOLITION RECONNECTION AND TEMPORARY POWER CONNECTIONS IN THE BID.
  - ALL ELECTRICAL DEVICES AND WALLS INDICATED ON THE ELECTRICAL DEMOLITION DRAWING(S) ARE TO REMAIN UNLESS OTHERWISE NOTED.

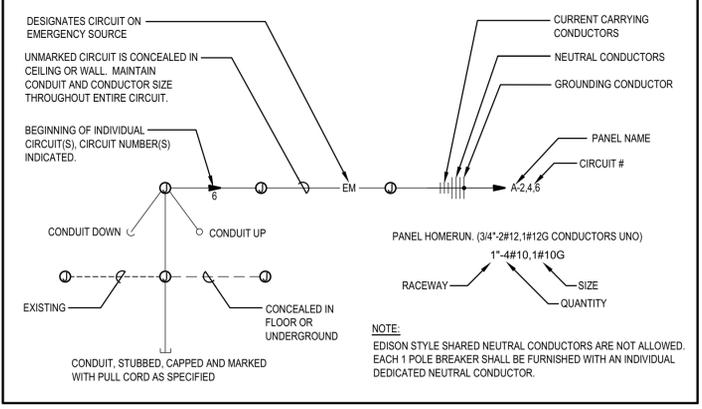
### SHEET INDEX

|      |  |
|------|--|
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| E0.1 | LIGHTING COMPLIANCE AND LIGHTING DETAILS             |
| E0.2 | ELECTRICAL OVERALL LAYOUT                            |
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| E4.0 | POWER PLANS  |
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| E4.2 | ELECTRICAL DETAILS                                   |

LEGEND IS GENERAL IN NATURE. NOT ALL OF THE SYMBOLS SHOWN ARE USED IN THIS PROJECT.

**Electrical Plan Review Note:**  
 The stamped documentation has been Reviewed for Compliance in accordance with the NEC as adopted by the State of Idaho by an Electrical Plan Review. This shall not be construed as an approval of any violation of, or variance from Idaho's adopted codes, laws, standards, or rules. Final approval will be based upon on-site electrical inspections to field verify compliance.

### CIRCUITING SYMBOLS



BLD2107-00040

REVIEWED FOR CODE COMPLIANCE

This approval shall not be construed to be an approval of any violation of, or variance from, Idaho's adopted codes, standards, laws or rules applicable to this project.

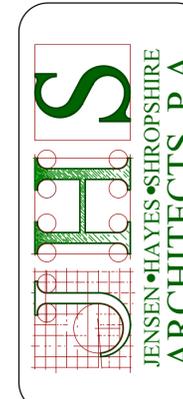
SEPARATE BUILDING PERMIT REQUIRED FOR CONSTRUCTION



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 Project No. 21-134



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**FLOORING REPLACEMENT PROJECT**  
 DPW #21-225 - ISU LIBERAL ARTS, BLDG #4  
**LIGHTING COMPLIANCE AND DETAILS**

| LIGHTING FIXTURE SCHEDULE (21-134) |   |          |           |       |   |                                  |       |
|------------------------------------|---|----------|-----------|-------|---|----------------------------------|-------|
| TYPE                               | DESCRIPTION   | MTG.     | LAMPS     | WATTS | MFG. & CATALOG NUMBER                                     | OR EQUAL BY                      | NOTES |
| A                                  | 2'X4' LED FLAT PANEL SWITCHABLE LUMENS SET TO 4000 LUMENS, MVOLT  | RECESSED | LED 4000K | 32    | LITHONIA NO. CPANL 2X4 40/50/60LM 40K M2                  | LIGHTOLIER METALUX H.E. WILLIAMS | 1     |
| AE                                 | 2'X4' LED FLAT PANEL SWITCHABLE LUMENS SET TO 4000 LUMENS, MVOLT WITH EMERGENCY CONSTANT POWER BATTERY PACK | RECESSED | LED 4000K | 32    | LITHONIA NO. CPANL 2X4 40/50/60LM 40K M2 PS1055CP FMC EMI | LIGHTOLIER METALUX H.E. WILLIAMS | 1     |

**LIGHTING FIXTURE SCHEDULE NOTES:**  
 1 SUBSTITUTIONS WILL BE ALLOWED IF SUBMITTED PRIOR TO BID DATE BY THE GREATER OF: 7 BUSINESS DAYS OR THE TIME PERIOD SPECIFIED BY DIVISION 1 SPECIFICATIONS, AND IF DEEMED EQUAL BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING SUBSTITUTED FIXTURES MEET OR EXCEED THE SPECIFICATIONS OF THE FIXTURES SPECIFIED.

**COMcheck Software Version 4.1.5.1**  
**Interior Lighting Compliance Certificate**

**Project Information**  
 Energy Code: 2018 IECC  
 Project Title: ISU LIBERAL ARTS  
 Project Type: New Construction

Construction Site: POCATELLO, ID  
 Owner/Agent: ISU LIBERAL ARTS POCATELLO, ID  
 Designer/Contractor: MATTHEW BRADLEY MUSGROVE ENGINEERING PA 645 WEST 25TH STREET IDAHO FALLS, ID 83402 208-523-2862 MATTB@MUSGROVEPA.COM

High efficiency HVAC. Systems that do not meet the performance requirement will be identified in the mechanical requirements checklist report.

**Allowed Interior Lighting Power**

| A                     | B                | C                   | D                     |
|-----------------------|------------------|---------------------|-----------------------|
| Area Category         | Floor Area (ft2) | Allowed Watts / ft2 | Allowed Watts (B X C) |
| 1-School/University   | 11046            | 0.81                | 8947                  |
| Total Allowed Watts = |                  |                     | 8947                  |

**Proposed Interior Lighting Power**

| A  | B              | C             | D             | E       |
|--|----------------|---------------|---------------|---------|
| Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast | Lamps/ Fixture | # of Fixtures | Fixture Watt. | (C X D) |
| 1-School/University<br>LED 1 - A LED Panel 33W:              | 1              | 161           | 32            | 5152    |
| Total Proposed Watts =                                       |                |               |               | 5152    |

Interior Lighting PASSES: Design 42% better than code

**Interior Lighting Compliance Statement**  
 Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version 4.1.5.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.  
 MATTHEW BRADLEY, P.E. Signature Date 5/7/2021

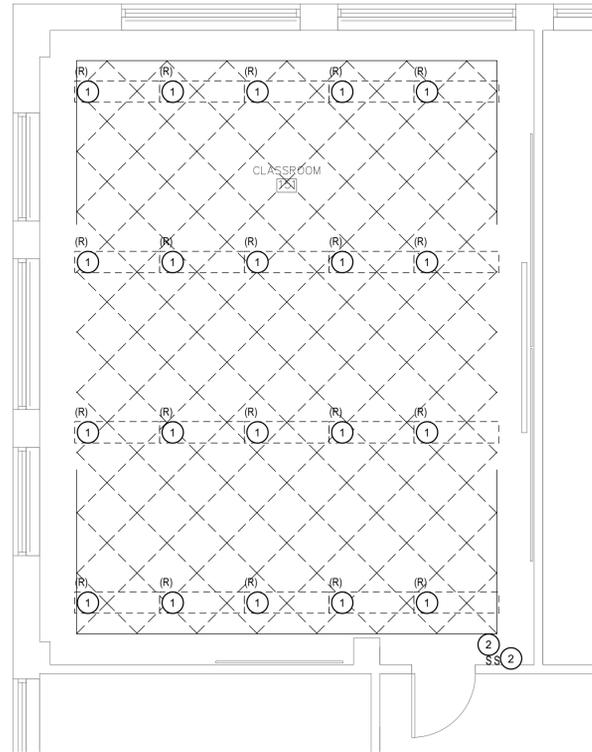
BLD2107-00040  
**REVIEWED FOR CODE COMPLIANCE**  
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**SEPARATE BUILDING PERMIT REQUIRED FOR CONSTRUCTION**

REVISIONS:

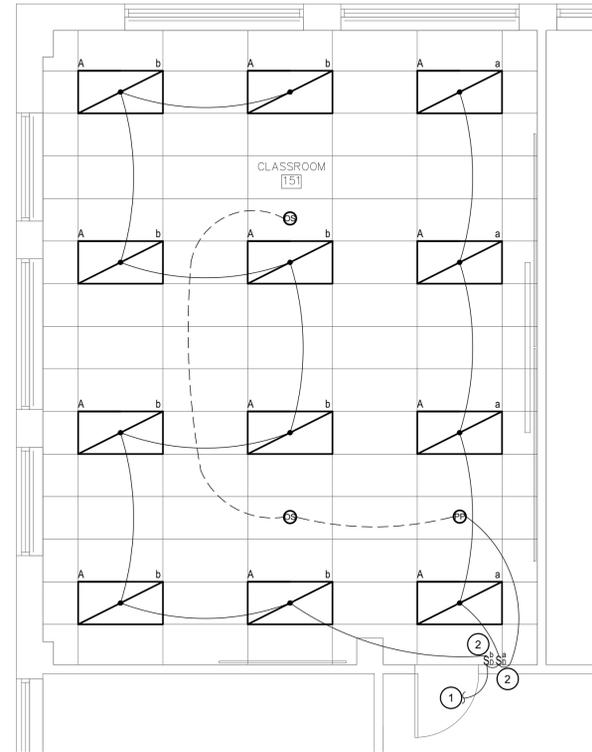
DATE: JULY 21  
 DRAWING NO. **E0.1**  
 1 OF 16

**DEMO KEYED NOTES:**

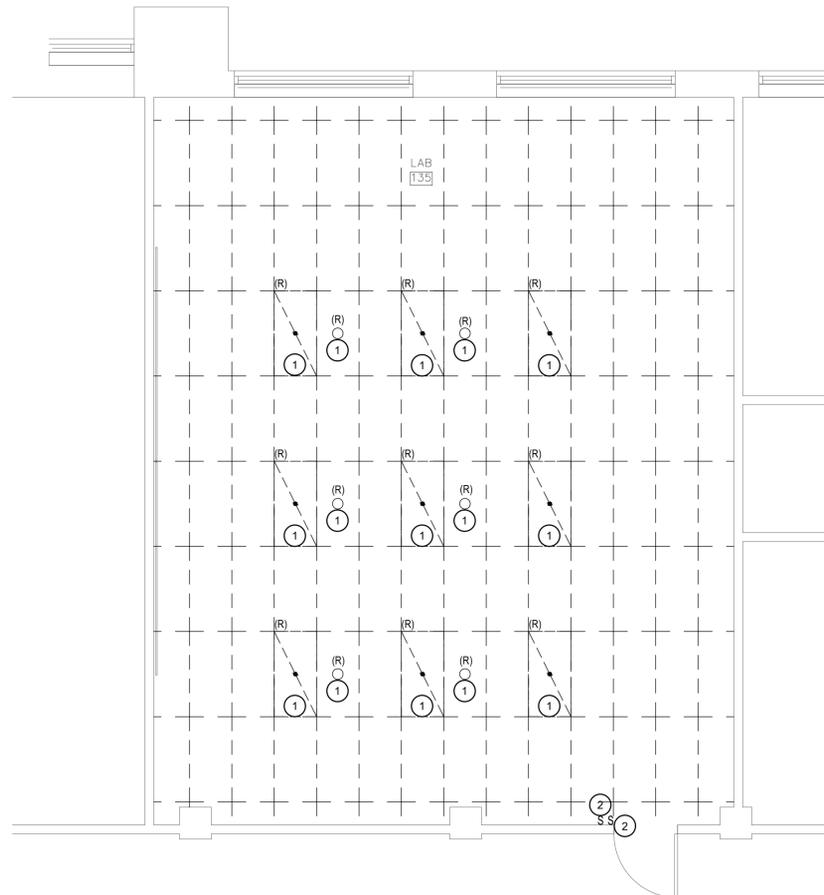
- # SYMBOL USED FOR NOTE CALLOUT.
- EXISTING LIGHTING FIXTURE TO BE REMOVED.
  - EXISTING LIGHTING SWITCH TO BE REPLACED WITH DIMMER.



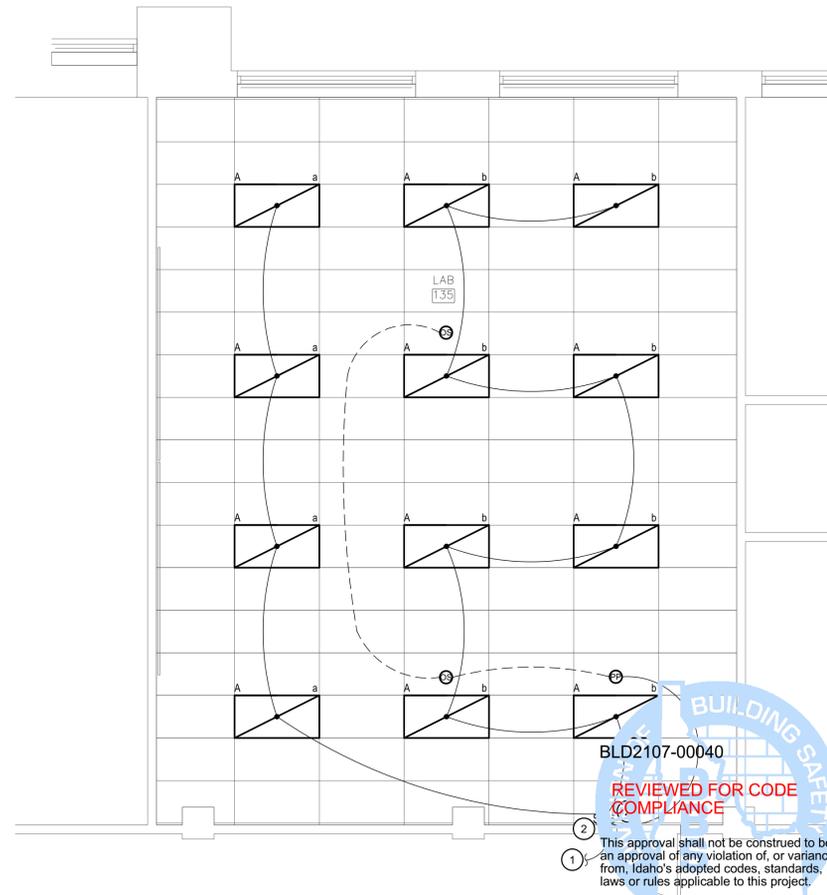
**1 CLASSROOM #151 LIGHTING DEMOLITION PLAN**  
E1.0  $1/4" = 1'-0"$  PLAN NORTH



**2 CLASSROOM #151 LIGHTING INSTALLATION PLAN**  
E1.0  $1/4" = 1'-0"$  PLAN NORTH



**3 LAB #135 LIGHTING DEMOLITION PLAN**  
E1.0  $1/4" = 1'-0"$  PLAN NORTH



**4 LAB #135 LIGHTING INSTALLATION PLAN**  
E1.0  $1/4" = 1'-0"$  PLAN NORTH

**KEYED NOTES:**

- # SYMBOL USED FOR NOTE CALLOUT.
- RECONNECT TO EXISTING LIGHTING CIRCUIT.
  - INSTALL 0-10V DIMMING CONDUCTORS TO ALL LIGHTS CONTROLLED BY THIS SWITCH.



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**FLOORING REPLACEMENT PROJECT**  
DPW #21-225 - ISU LIBERAL ARTS, BLDG #4

**MAIN LEVEL LIGHTING DEMOLITION AND INSTALLATION PLAN**



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REVISIONS:

DATE: JULY 21

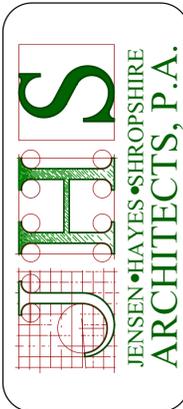
JOB NO. 2029

**E1.0**  
1 OF 16

FILE NAME: 2029\_Liberal Arts\_R06  
UPDATE: 2021.03.22  
DRAWN BY: IH



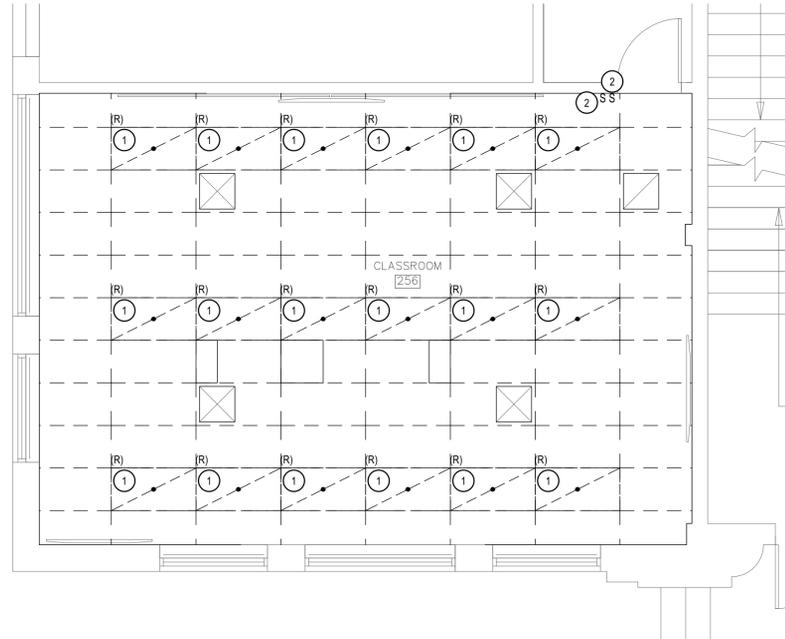
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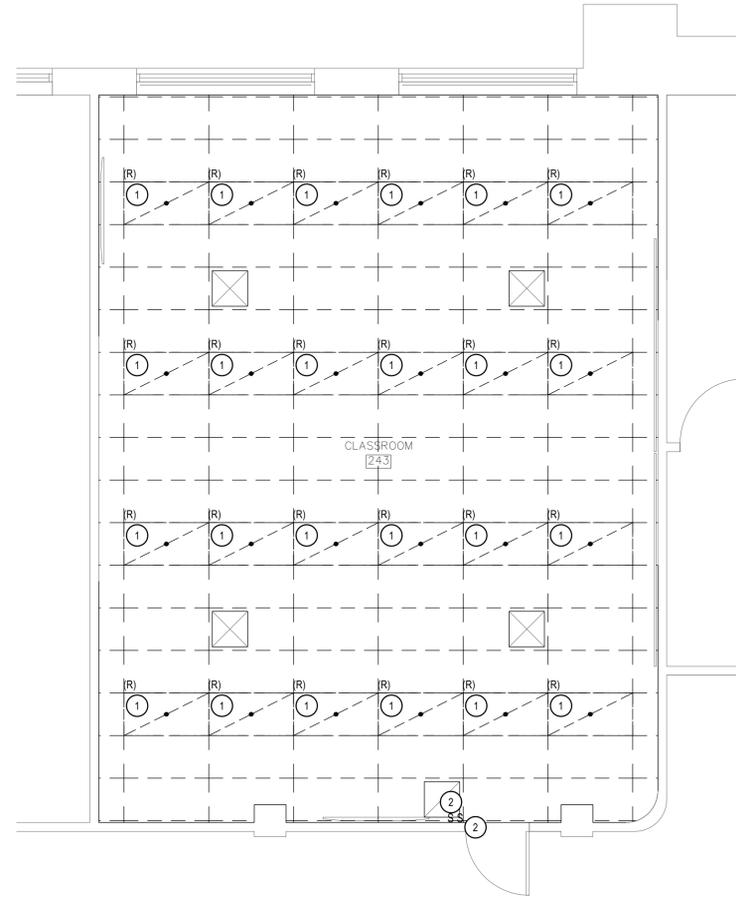
**FLOORING REPLACEMENT PROJECT**  
DPW #21-225 - ISU LIBERAL ARTS, BLDG #4  
**LEVEL TWO LIGHTING DEMOLITION PLAN**

**DEMO KEYED NOTES:**

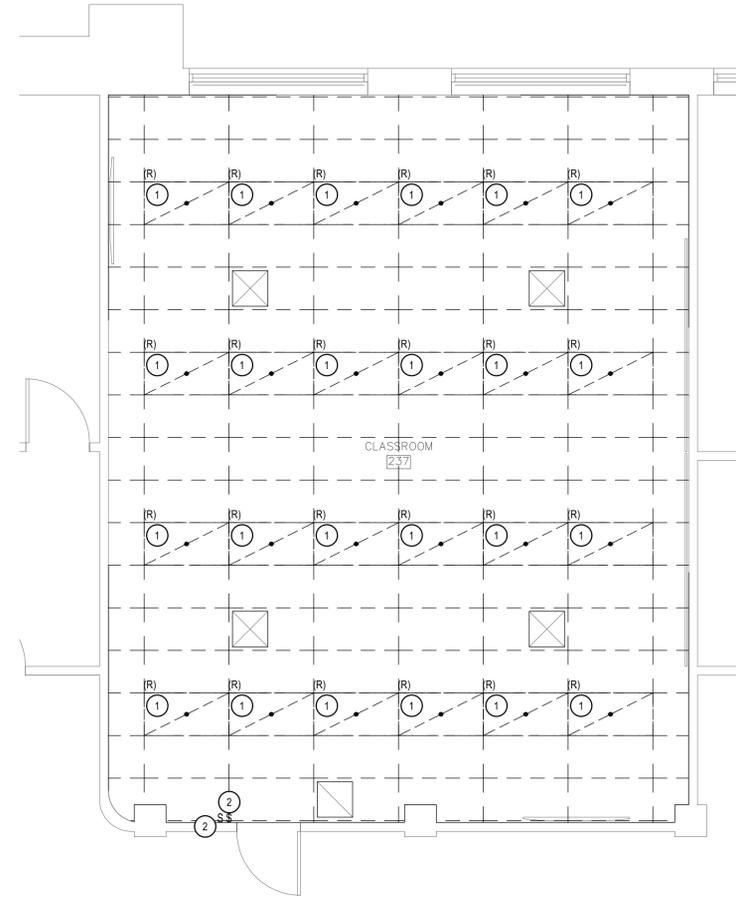
- # SYMBOL USED FOR NOTE CALLOUT.
- EXISTING LIGHTING FIXTURE TO BE REMOVED.
  - EXISTING LIGHTING SWITCH TO BE REPLACED WITH DIMMER.



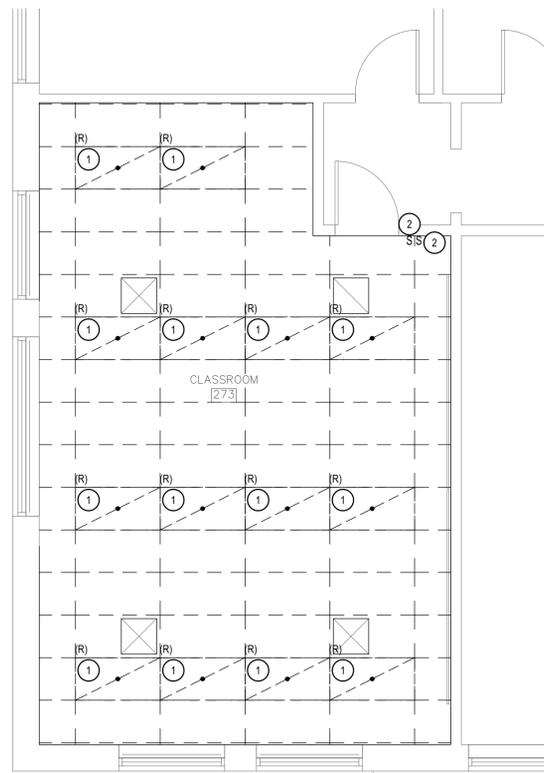
1 CLASSROOM #256 LIGHTING DEMOLITION PLAN  
E2.0 1/4" = 1'-0" PLAN NORTH



2 CLASSROOM #243 LIGHTING DEMOLITION PLAN  
E2.0 1/4" = 1'-0" PLAN NORTH



3 OFFICE #237 LIGHTING DEMOLITION PLAN  
E2.0 1/4" = 1'-0" PLAN NORTH

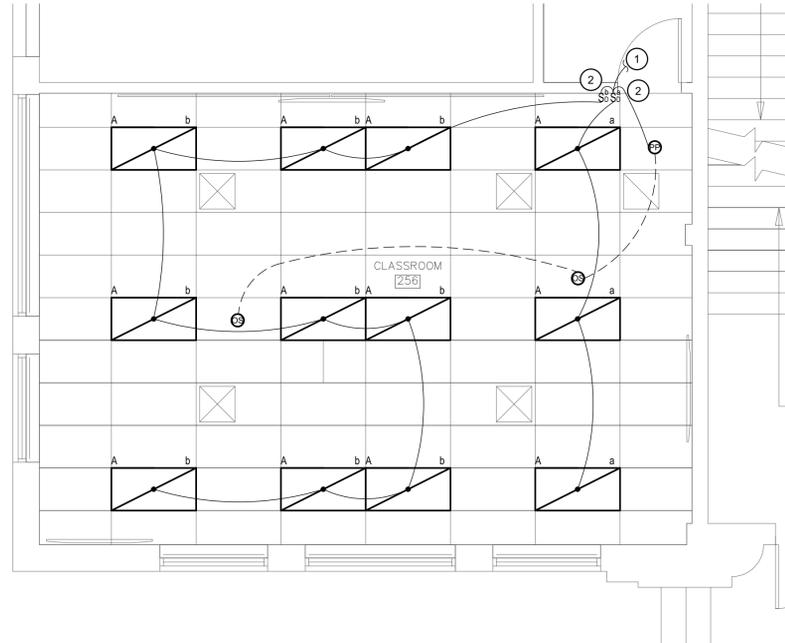


4 CLASSROOM #273 LIGHTING DEMOLITION PLAN  
E2.0 1/4" = 1'-0" PLAN NORTH

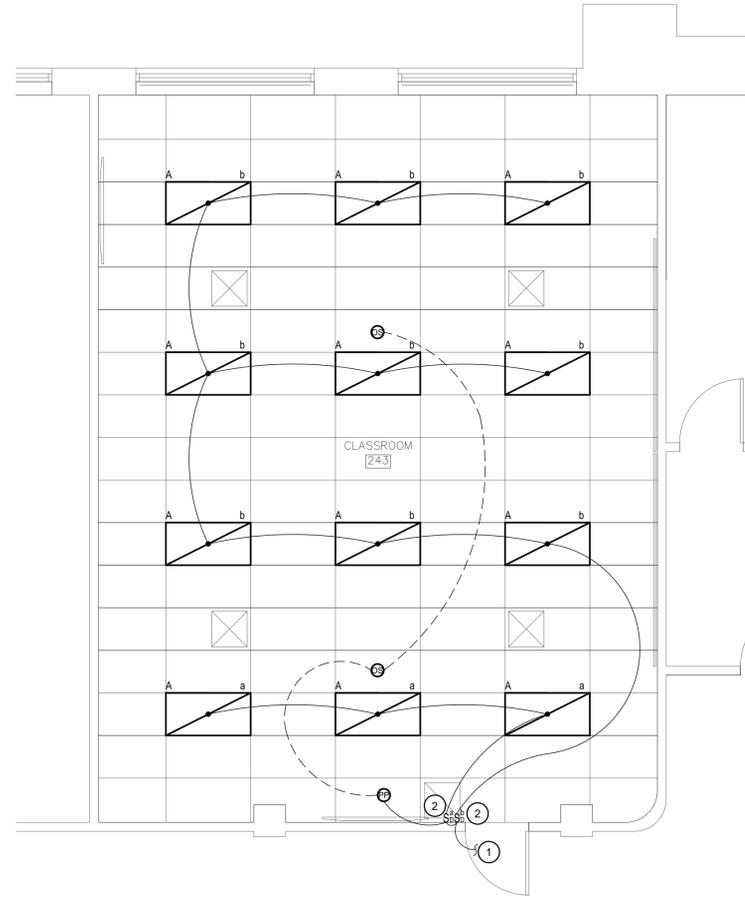


REVISIONS:

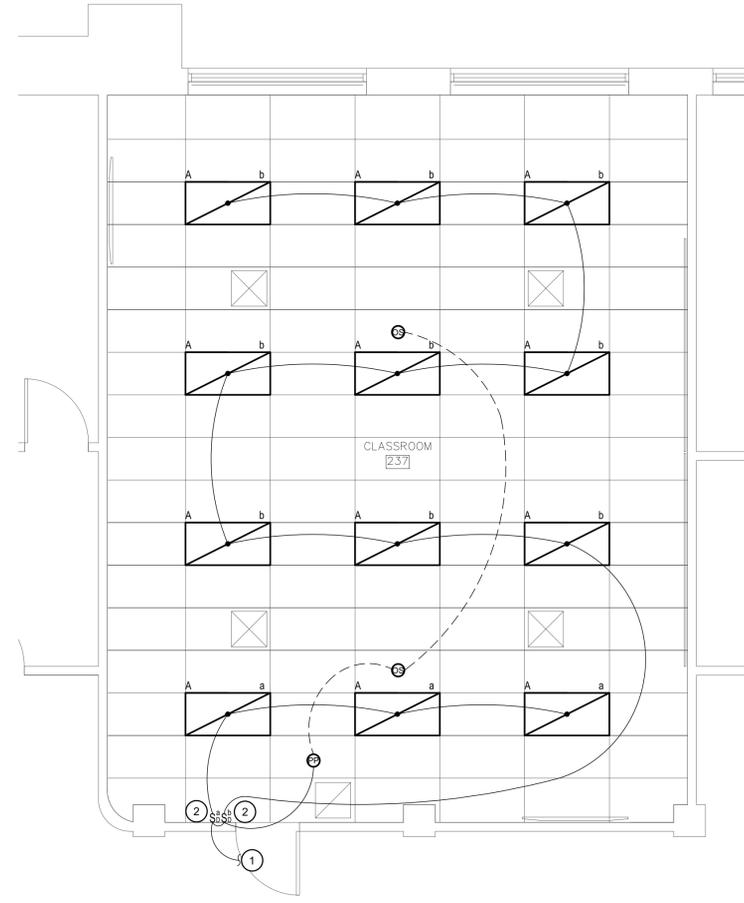
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JOB NO. 2029  
1 OF 16



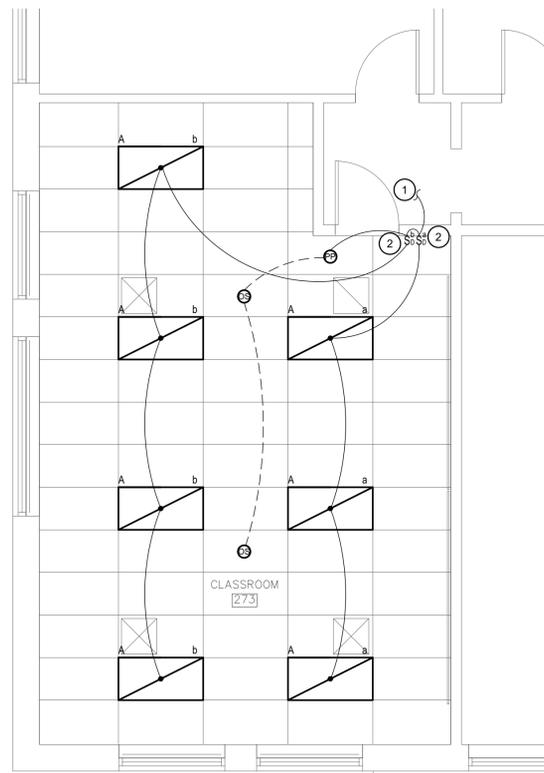
**1 CLASSROOM #256 LIGHTING INSTALLATION PLAN**  
 E2.1 1/4" = 1'-0" PLAN NORTH



**2 CLASSROOM #243 LIGHTING INSTALLATION PLAN**  
 E2.1 1/4" = 1'-0" PLAN NORTH



**3 OFFICE #237 LIGHTING INSTALLATION PLAN**  
 E2.1 1/4" = 1'-0" PLAN NORTH



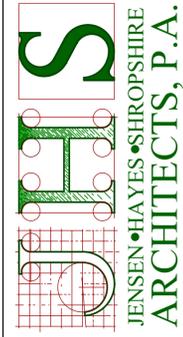
**4 CLASSROOM #273 LIGHTING INSTALLATION PLAN**  
 E2.1 1/4" = 1'-0" PLAN NORTH



**KEYED NOTES:**

- # SYMBOL USED FOR NOTE CALLOUT.
1. RECONNECT TO EXISTING LIGHTING CIRCUIT.
  2. INSTALL 0-10V DIMMING CONDUCTORS TO ALL LIGHTS CONTROLLED BY THIS SWITCH.

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**FLOORING REPLACEMENT PROJECT**  
 DPW #21-225 - ISU LIBERAL ARTS, BLDG #4  
**LEVEL TWO LIGHTING INSTALLATION PLAN**



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REVISIONS:

DATE: JULY 21  
 JOB NO.: 2029  
**E2.1**  
 1 OF 16

**DEMO KEYED NOTES:**

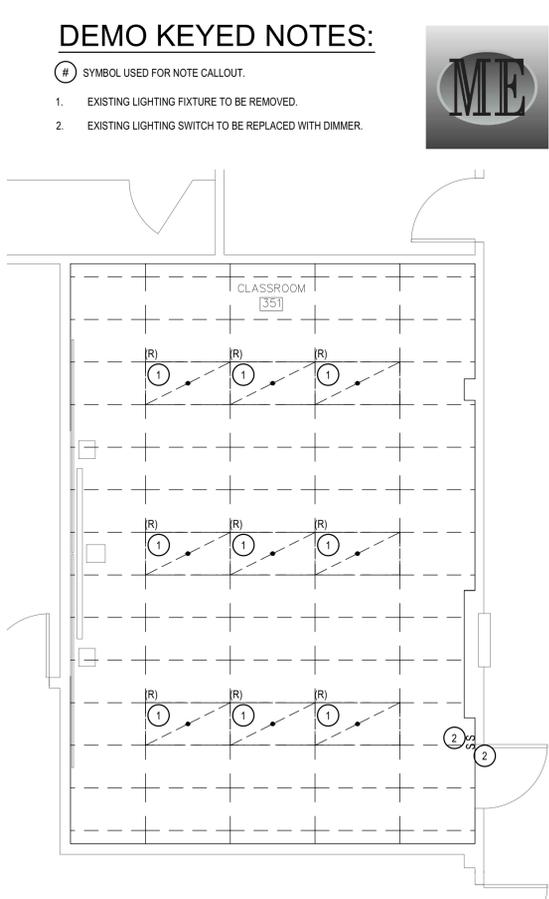
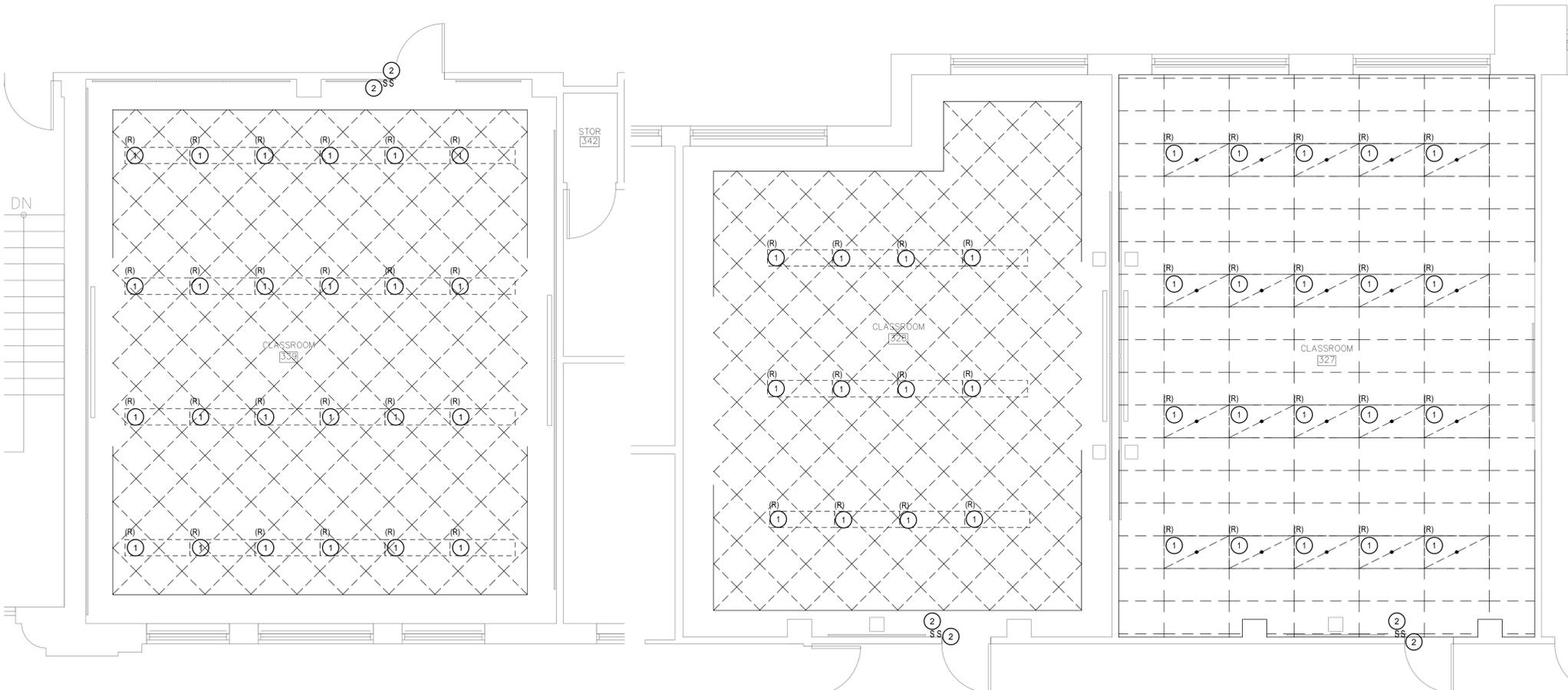
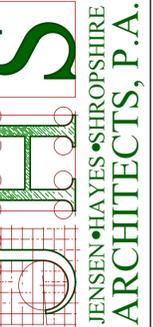
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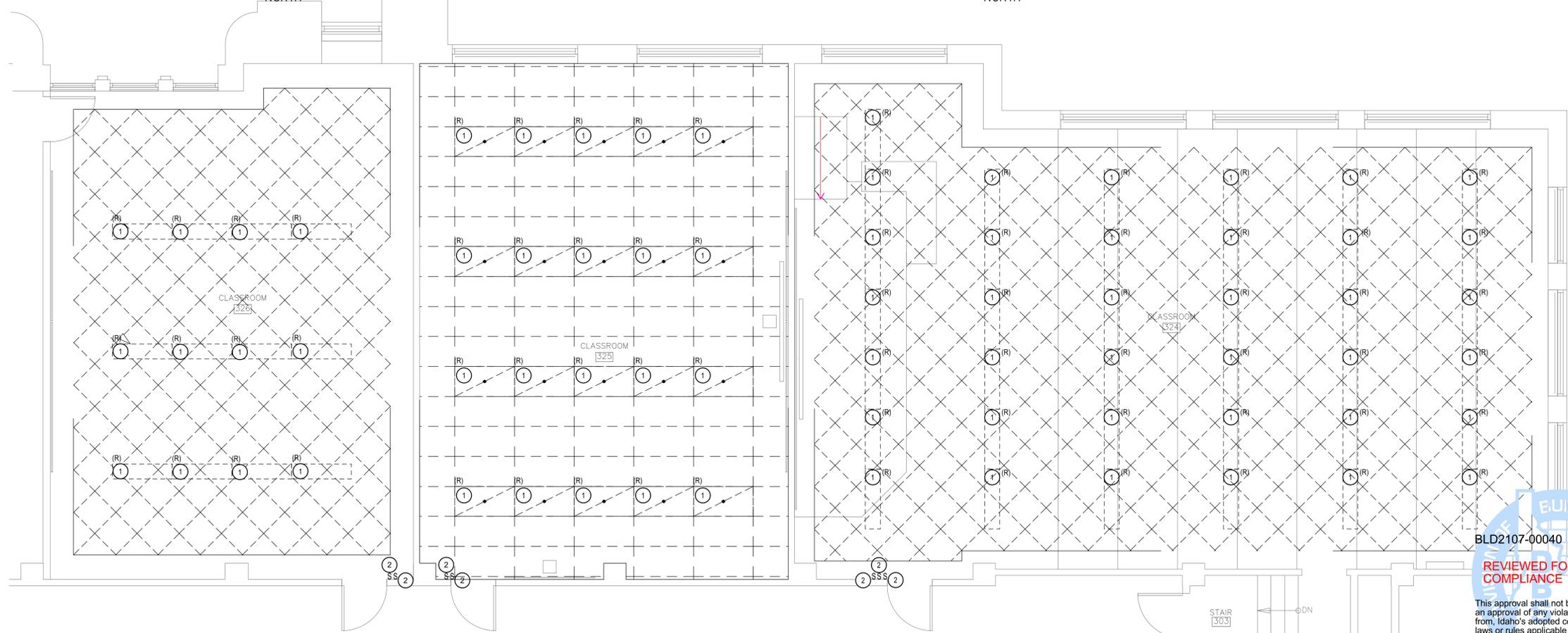
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**1 CLASSROOM #339 LIGHTING DEMOLITION PLAN**  
 E3.0 1/4" = 1'-0" PLAN NORTH

**2 CLASSROOM #327&328 LIGHTING DEMOLITION PLAN**  
 E3.0 1/4" = 1'-0" PLAN NORTH

**3 CLASSROOM #351 LIGHTING DEMOLITION PLAN**  
 E3.0 1/4" = 1'-0" PLAN NORTH



**4 CLASSROOM #324&325&326 LIGHTING DEMOLITION PLAN**  
 E3.0 1/4" = 1'-0" PLAN NORTH



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**SEPARATE BUILDING PERMIT REQUIRED FOR CONSTRUCTION**

**FLOORING REPLACEMENT PROJECT**  
 DPW #21-225 - ISU LIBERAL ARTS, BLDG #4

**LEVEL THREE LIGHTING DEMOLITION PLAN**

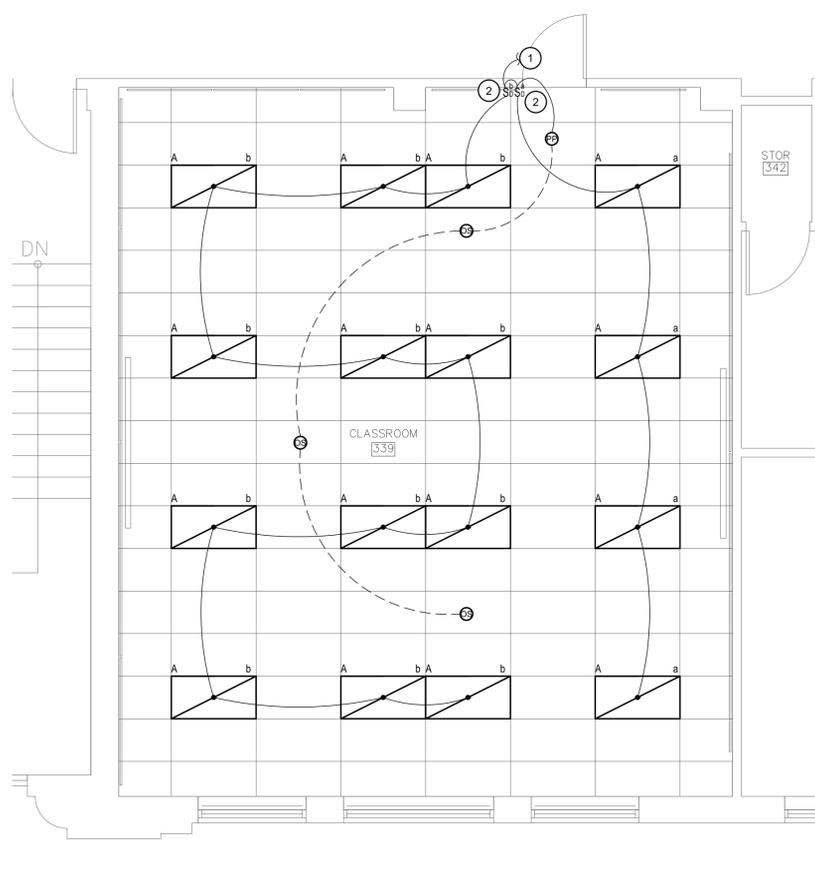
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JOB NO. 2029

FILE NAME: 2029\_Liberal Arts\_R06  
 UPDATE: 2021.03.22  
 DRAWN BY: IH

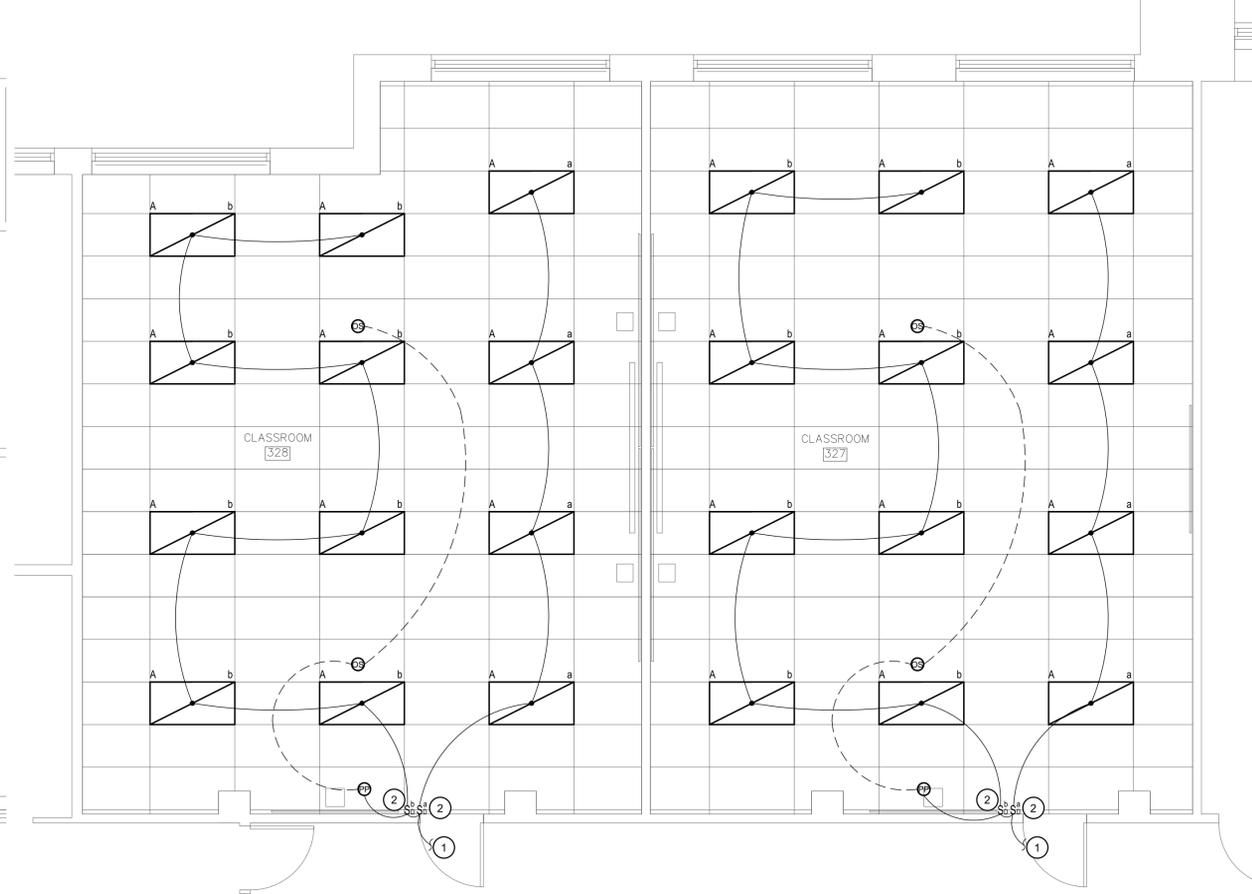
**E3.0**  
 1 OF 16



1 CLASSROOM #339 LIGHTING INSTALLATION PLAN  
E3.1



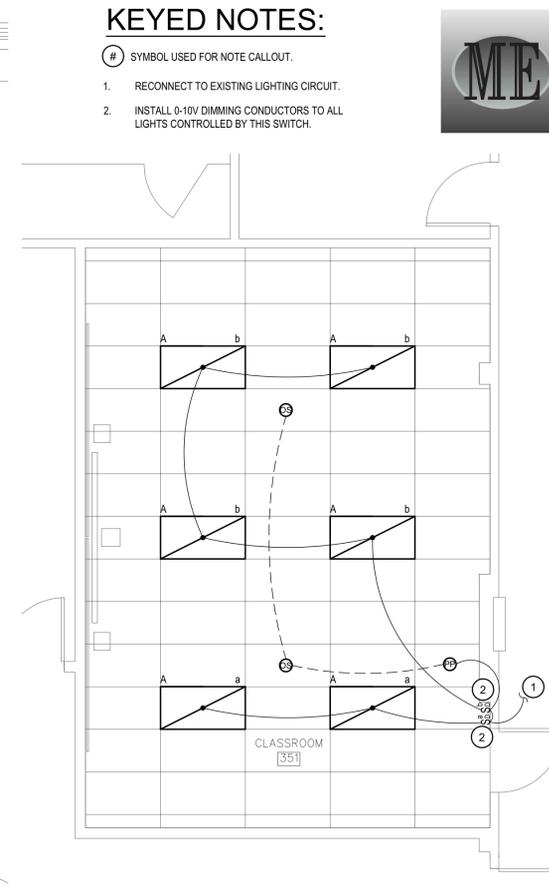
1/4" = 1'-0"



2 CLASSROOM #327&328 LIGHTING INSTALLATION PLAN  
E3.1



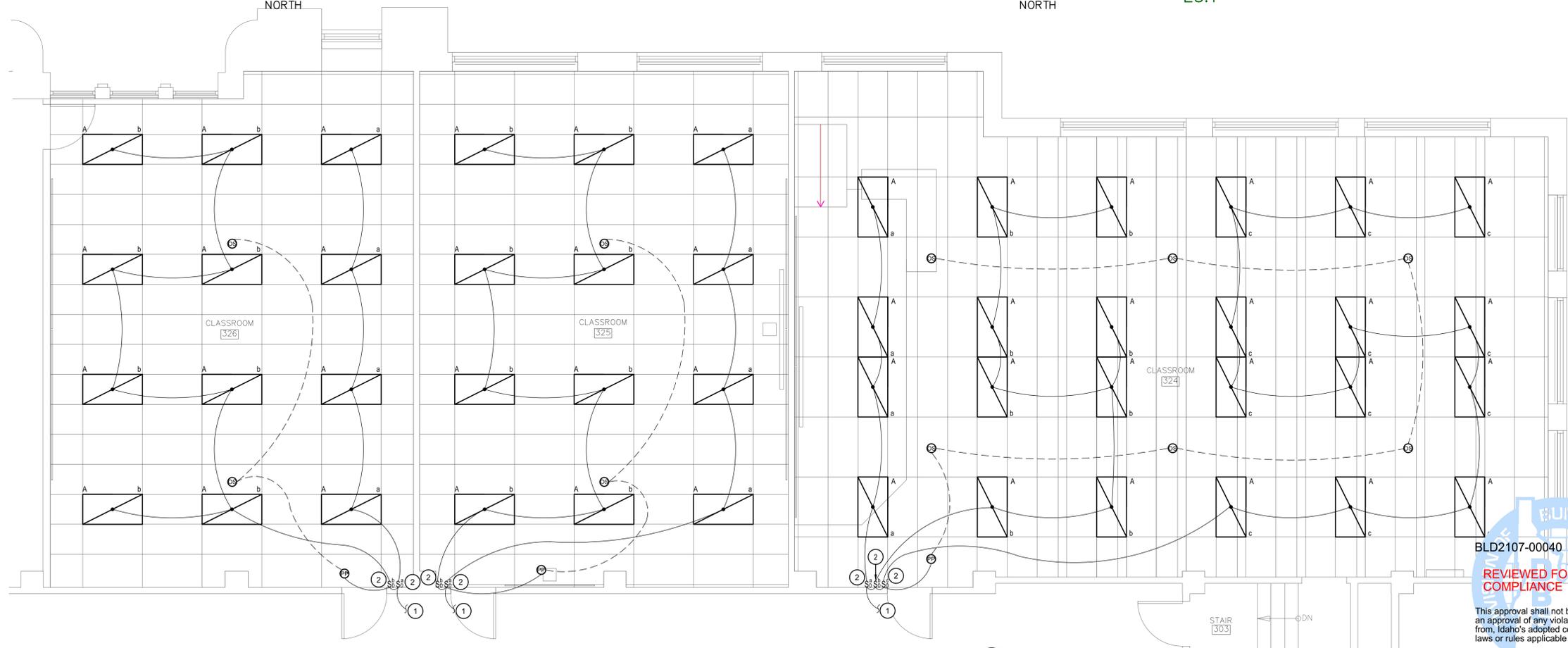
1/4" = 1'-0"



3 CLASSROOM #351 LIGHTING INSTALLATION PLAN  
E3.1



1/4" = 1'-0"



4 CLASSROOM #324&325&326 LIGHTING INSTALLATION PLAN  
E3.1



1/4" = 1'-0"

**KEYED NOTES:**

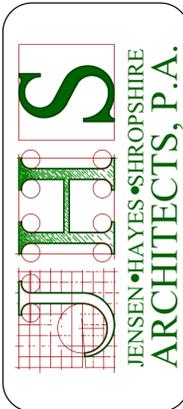
- # SYMBOL USED FOR NOTE CALLOUT.
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- 2. INSTALL 0-10V DIMMING CONDUCTORS TO ALL LIGHTS CONTROLLED BY THIS SWITCH.



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**FLOORING REPLACEMENT PROJECT**  
DPW #21-225 - ISU LIBERAL ARTS, BLDG #4  
**LEVEL THREE LIGHTING INSTALLATION PLAN**



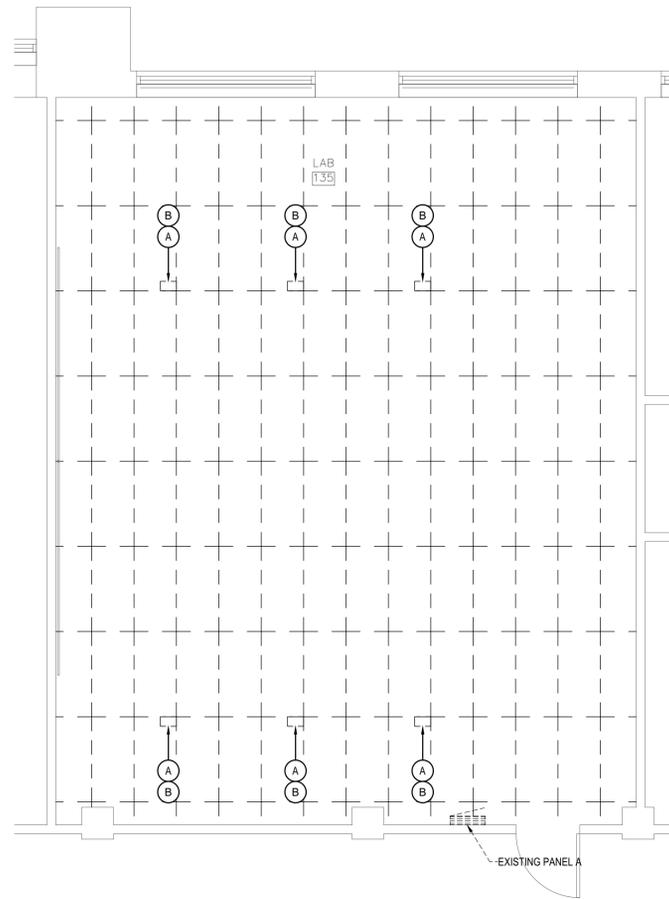
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|            |         |             |
|------------|---------|-------------|
| REVISIONS: | DATE:   | DRAWING NO. |
|            | JULY 21 | <b>E3.1</b> |
|            |         | 1 OF 16     |

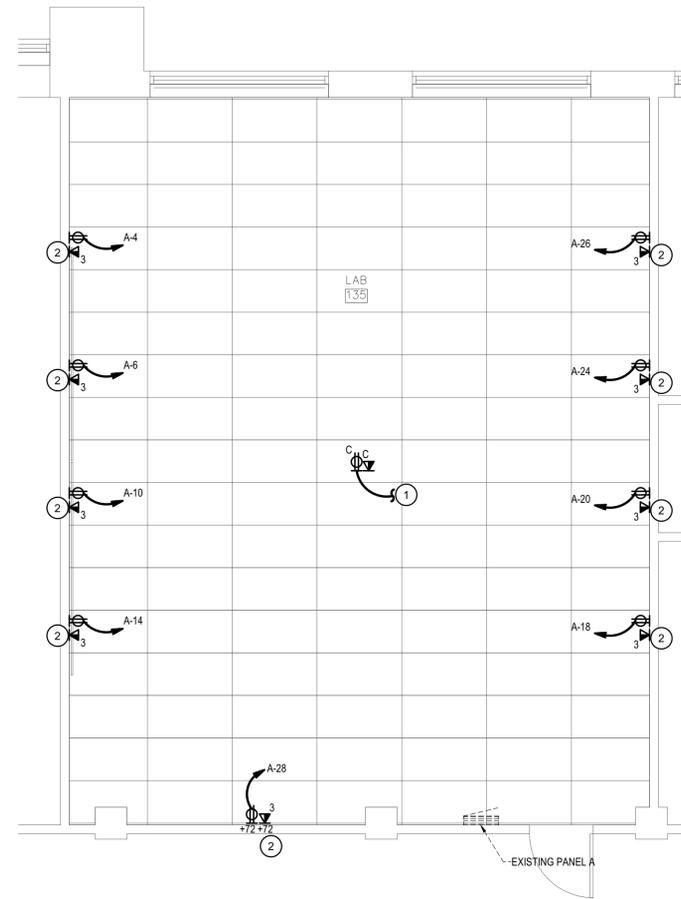
FILE NAME: 2029\_Liberal Arts\_R06  
UPDATE: 2021.03.22  
DRAWN BY: IH

**DEMOLITION KEYED NOTES:**

- # SYMBOL USED FOR NOTE CALLOUT.
- A POWER POLES TO BE REMOVED. REMOVE ALL POWER ASSOCIATED WITH POWER POLE BACK TO PANEL A. VERIFY ALL EXISTING CIRCUIT INFORMATION PRIOR TO DEMOLITION.
- B DATA IN POWER POLE TO BE REMOVED BACK TO DATA RACK IN CUSTODIAL 163.



**1 LAB #135 POWER DEMOLITION PLAN**  
E4.0 1/4" = 1'-0" PLAN NORTH



**2 LAB #135 POWER INSTALLATION PLAN**  
E4.0 1/4" = 1'-0" PLAN NORTH

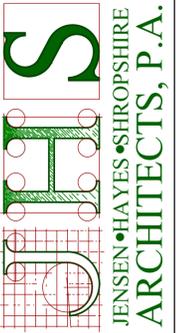


**KEYED NOTES:**

- # SYMBOL USED FOR NOTE CALLOUT.
- 1. CONNECT TO EXISTING RECEPTACLE CIRCUIT IN JUNCTION BOX ABOVE CEILING. FIELD VERIFY LOCATION.
- 2. SEE DATA INSTALLATION DETAIL ELEVATION ON SHEET E4.2.



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**3 OVERALL ELECTRICAL PLAN**  
E4.0 1/4" = 1'-0" PLAN NORTH



**FLOORING REPLACEMENT PROJECT**  
DPW #21-225 - ISU LIBERAL ARTS, BLDG #4  
**POWER PLANS**

REVISIONS:

DATE: JULY 21  
JOB NO. 2029  
DRAWING NO. **E4.0**  
1 OF 16

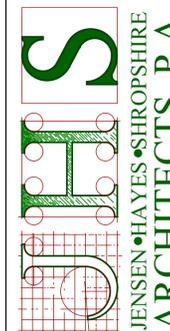


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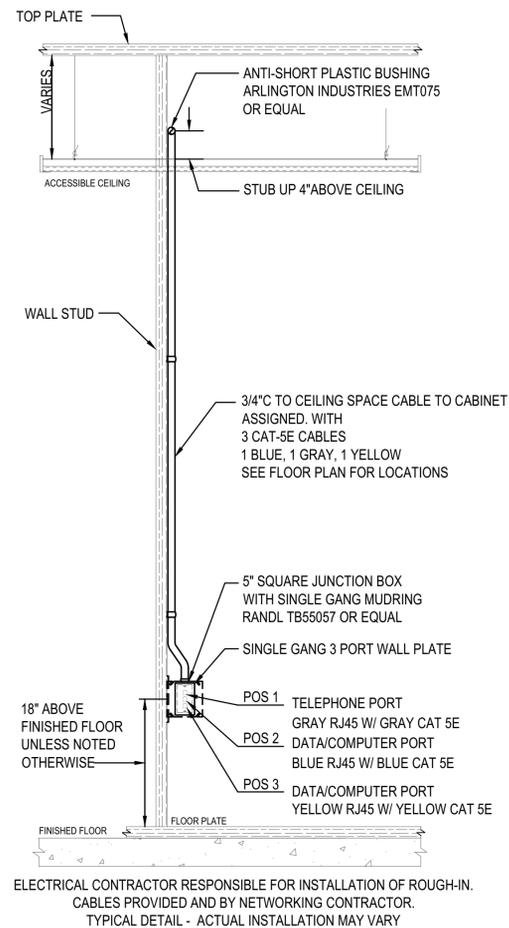
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FLOORING REPLACEMENT PROJECT  
DPW #21-225 - ISU LIBERAL ARTS, BLDG #4

ELECTRICAL DETAILS



DATA INSTALLATION ELEVATION  
SCALE: 1" = 1'-0"

| PANEL: A                   |                                | PROJECT: ISU CLASSROOM REMODEL |         |                        |             |   |               |              |             |                 |           |          |             |                        |    |
|----------------------------|--------------------------------|--------------------------------|---------|------------------------|-------------|---|---------------|--------------|-------------|-----------------|-----------|----------|-------------|------------------------|----|
| VOLTAGE                    |                                | 240 / 120 V                    |         | 1 PH 3 WIRE            |             | AMPERE RATING: 125A   |               | WITH 100A CB |             | MOUNTING: FLUSH |           |          |             |                        |    |
| BASIS OF DESIGN PANEL TYPE |                                | LOAD CENTER                    |         | NEMA ENCLOSURE TYPE: 1 |             | PANEL AIC RATING: 10000 AIC   |               |              |             |                 |           |          |             |                        |    |
| CMT NOTES:                 |                                | 1. EXISTING BREAKER            |         | 2. NEW BREAKER         |             | REMARKS:<br>TWO SECTION BOA RD. PROVIDE SECTION 1 WITH FEED THROUGH LUGS.<br>MAINTAIN SPECIFIED CONDUIT AND FEEDER SIZE FROM SECTION 1 TO SECTION 2 |               |              |             |                 |           |          |             |                        |    |
| CKT                        | DESCRIPTION                    | CKT NOTE                       | LOAD VA | LOAD AMPS              | AMPS/ POLES | LOAD (VA) A   | LOAD (VA) N/A | C            | AMPS/ POLES | LOAD VA         | LOAD AMPS | CKT NOTE | DESCRIPTION | CKT                    |    |
| 1                          | MAIN                           | 1                              |         | 0.0                    | 20          | 1   | 0             |              |             |                 |           | 1        | SPARE       | 2                      |    |
| 3                          | ***                            | 1                              |         | 0.0                    | 20          | 1   |               | 180          | 20          | 1               | 1.5       | 180      | 2           | RECEPT LAB 135         | 4  |
| 5                          | ***                            | 1                              |         | 0.0                    | 20          | 1   | 180           |              | 20          | 1               | 1.5       | 180      | 2           | RECEPT LAB 135         | 6  |
| 7                          | REAR TABLE OUTLETS LEFT DESK   | 1                              |         | 0.0                    | 20          | 1   |               | 0            | 20          | 1               | 0.0       |          | 1           | SPARE MIDDLE ROW BLUE  | 8  |
| 9                          | REAR TABLE OUTLETS MIDDLE DESK | 1                              |         | 0.0                    | 20          | 1   | 180           |              | 20          | 1               | 1.5       | 180      | 2           | RECEPT LAB 135         | 10 |
| 11                         | SPARE REAR TABLE BLUE          | 1                              |         | 0.0                    | 20          | 1   |               | 0            | 20          | 1               | 0.0       |          | 1           | SPARE MIDDLE ROW BLACK | 12 |
| 13                         | REAR TABLE OUTLETS RIGHT DESK  | 1                              |         | 0.0                    | 20          | 1   | 180           |              | 20          | 1               | 1.5       | 180      | 2           | RECEPT LAB 135         | 14 |
| 15                         | SPARE REAR TABLE BLACK         | 1                              |         | 0.0                    | 20          | 1   |               | 0            | 20          | 1               | 0.0       |          | 1           | SPARE                  | 16 |
| 17                         | PRINTER                        | 1                              |         | 0.0                    | 20          | 1   | 180           |              | 20          | 1               | 1.5       | 180      | 2           | RECEPT LAB 135         | 18 |
| 19                         | CEILING OUTLET TELCOM          | 1                              |         | 0.0                    | 20          | 1   |               | 180          | 20          | 1               | 1.5       | 180      | 2           | RECEPT LAB 135         | 20 |
| 21                         | SPARE                          | 1                              |         | 0.0                    | 20          | 1   | 0             |              | 20          | 1               | 0.0       |          | 1           | SPARE                  | 22 |
| 23                         | BLANK                          |                                |         | 0.0                    |             |   | 180           |              | 20          | 1               | 1.5       | 180      | 2           | RECEPTS LAB 135        | 24 |
| 25                         | BLANK                          |                                |         | 0.0                    |             |   | 180           |              | 20          | 1               | 1.5       | 180      | 2           | RECEPTS LAB 135        | 26 |
| 27                         | BLANK                          |                                |         | 0.0                    |             |   | 0             |              | 20          | 1               | 0.0       |          | 2           | SPARE                  | 28 |
| 29                         | BLANK                          |                                |         | 0.0                    |             |   | 0             |              |             |                 | 0.0       |          |             |                        | 30 |
|                            |                                |                                |         |                        |             | 900.0   |               | 540.0        | VA          |                 |           |          |             |                        |    |
|                            |                                |                                |         |                        |             | 3.8   |               | 2.3          | AMPS        |                 |           | 1440     | TOTAL VA    |                        |    |

BLD2107-00040

REVIEWED FOR CODE COMPLIANCE

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SEPARATE BUILDING PERMIT REQUIRED FOR CONSTRUCTION

REVISIONS:

DATE: JULY 21

JOB NO. 2029

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