

1 **ADDENDUM NO. #1 (Rev 1/2023)**
2 **ISSUE DATE: September 05, 2024**

3
4
5 **RE: CHAMBERLIN L&S SONGS PHYSICS LAB**
6 **UNIVERSITY OF WISCONSIN-MADISON**
7 **MADISON, WISCONSIN**

8
9 UWM Project No. **0055-2346**
10 UWSA Project No. **A-23-012**

11
12 **BID OPENING AAC - 2:00 P.M., October 3, 2024**

13
14 **FROM: Indoor Air Quality Diagnostics**
15 **11611 W North Avenue, Suite 203**
16 **Wauwatosa, WI 53226**

17
18 **TO: Prospective Bidders**

19
20 This addendum forms a part of the Contract Documents and modifies the original Contract Documents dated
21 **August 16, 2024**, as noted below. Acknowledge receipt of this Addendum by inserting the number and issue
22 date of this addendum in the blank space provided on the Bid Form. Failure to do so may subject the Bidder to
23 disqualification.

24
25 This Addendum consists of **one (1)** page and the attached documents:

26
27 **CHANGES TO DRAWINGS:**

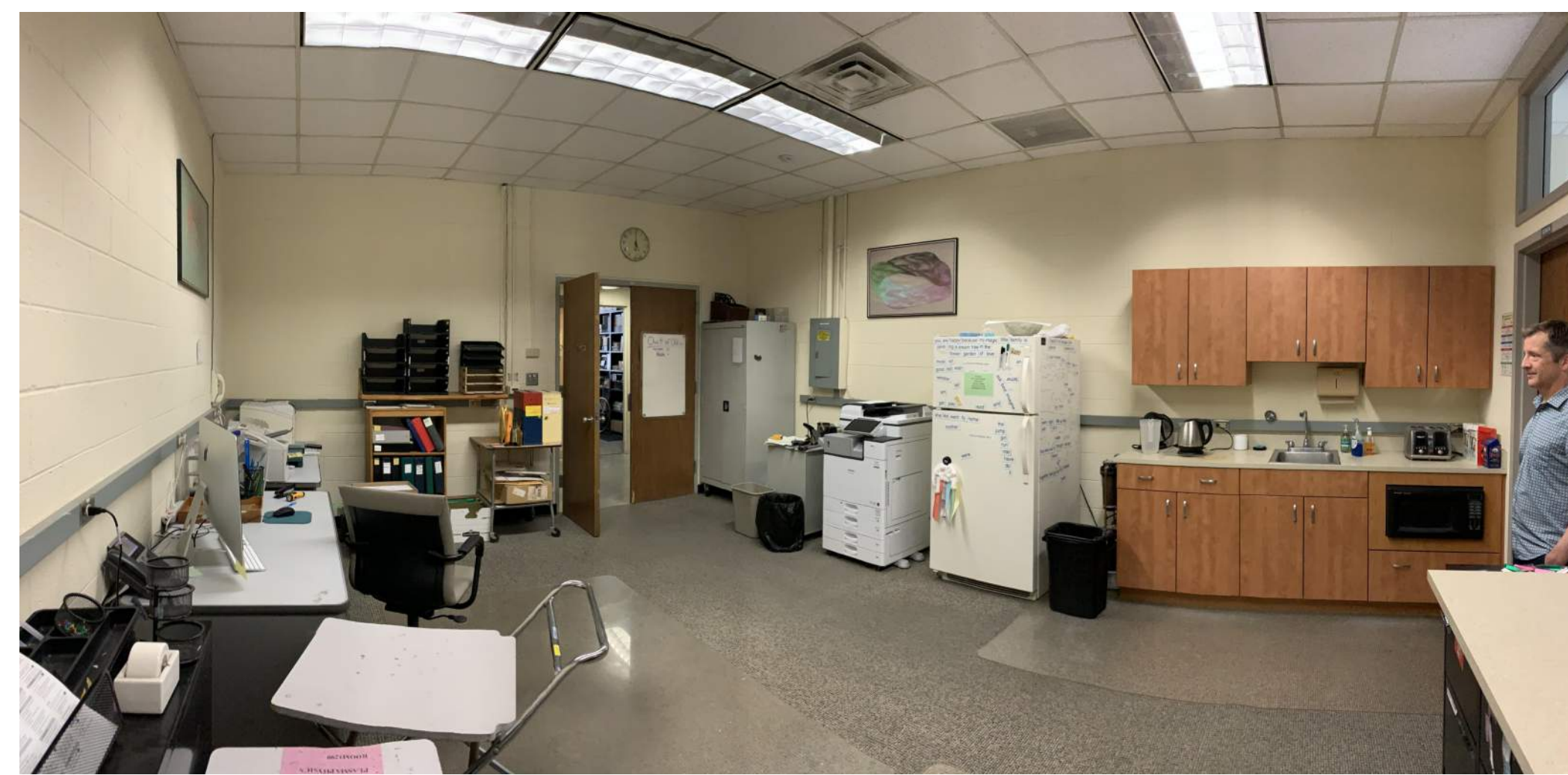
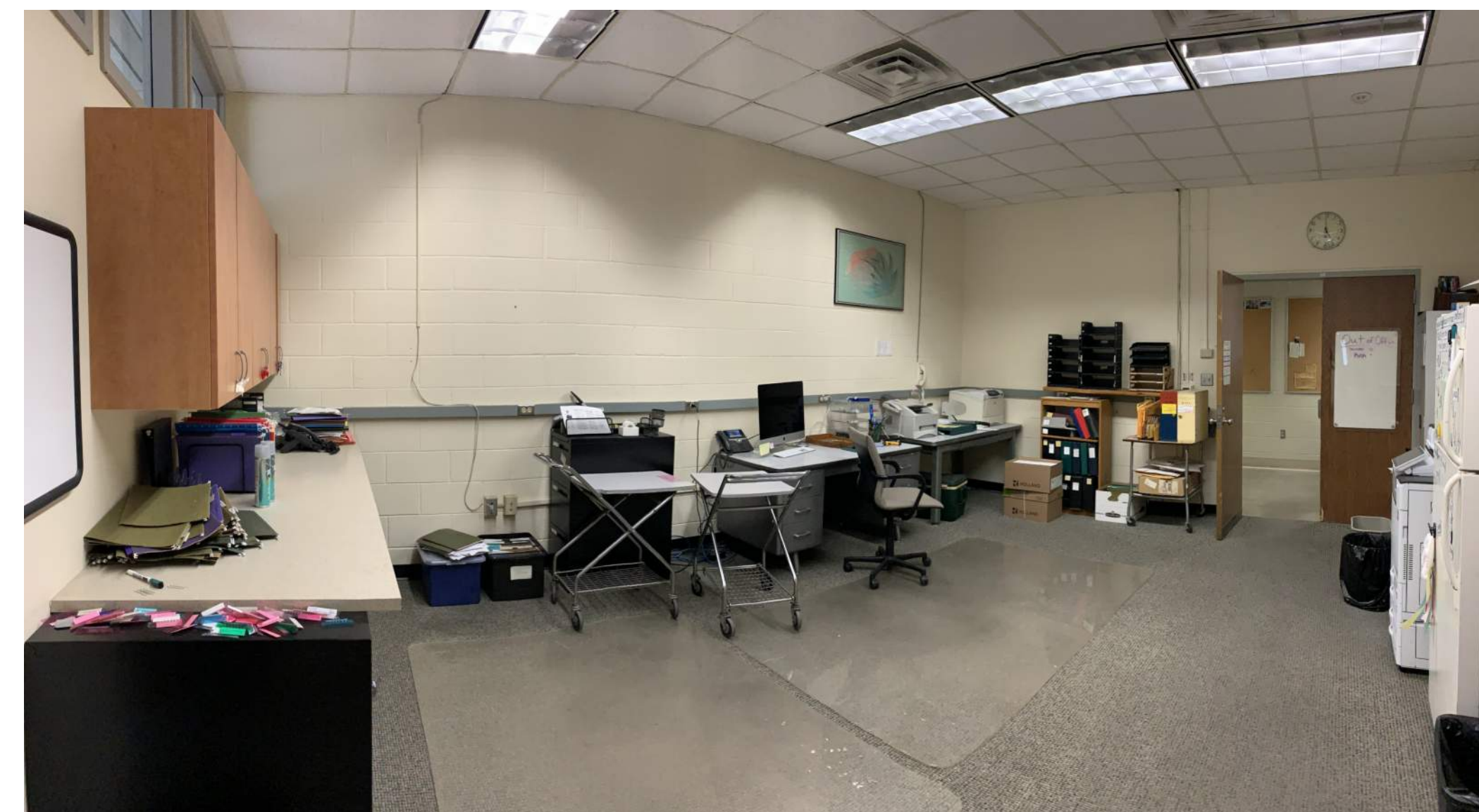
- 28
29 1. Sheet A101 - DEMOLITION PLAN - LEVEL 03 (FOR REFERENCE ONLY)
30 a. Add demolition plan keynote 20.
31
32 2. Sheet A102 - DEMOLITION PLAN - LEVEL 04 (FOR REFERENCE ONLY)
33 a. Add demolition plan keynote 20.
34
35 3. Sheet E201 – NEW WORK PLAN – LEVEL 03 - ELECTRICAL (FOR REFERENCE ONLY)
36 a. Revise power general note to clarify the number of current carrying conductors allowed to be
37 installed in a single conduit prior to conductor derating.
38
39 4. Sheet E211 – NEW WORK PLAN – LEVEL 04 – ELECTRICAL (FOR REFERENCE ONLY)
40 a. Revise power general note to clarify the number of current carrying conductors allowed to be
41 installed in a single conduit prior to conductor derating.
42
43 5. Sheet E301 – NEW WORK ENLARGED PLANS – LEVEL 03 & LEVEL 04 – ELECTRICAL
44 (FOR REFERENCE ONLY)
45 a. Revise power general note to clarify the number of current carrying conductors allowed to be
46 installed in a single conduit prior to conductor derating.
47

48
49 **END OF ADDENDUM**

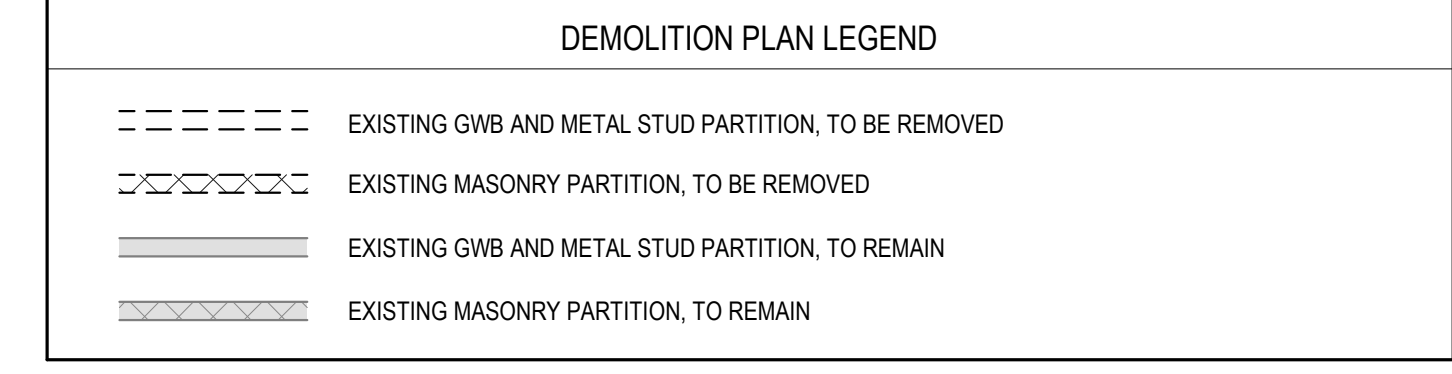
50
51 Indoor Air Quality Diagnostics
52 11611 W North Avenue, Suite 203
53 Wauwatosa, WI 53226

The Board of Regents of the
University of Wisconsin on Behalf of
The University of Wisconsin - Madison
C/O UWSA – Capital Planning and
16 Budget, 780 Regent Street, Suite 239
17 Madison, Wisconsin 53715

NOTE: IMAGES ARE FOR REFERENCE ONLY



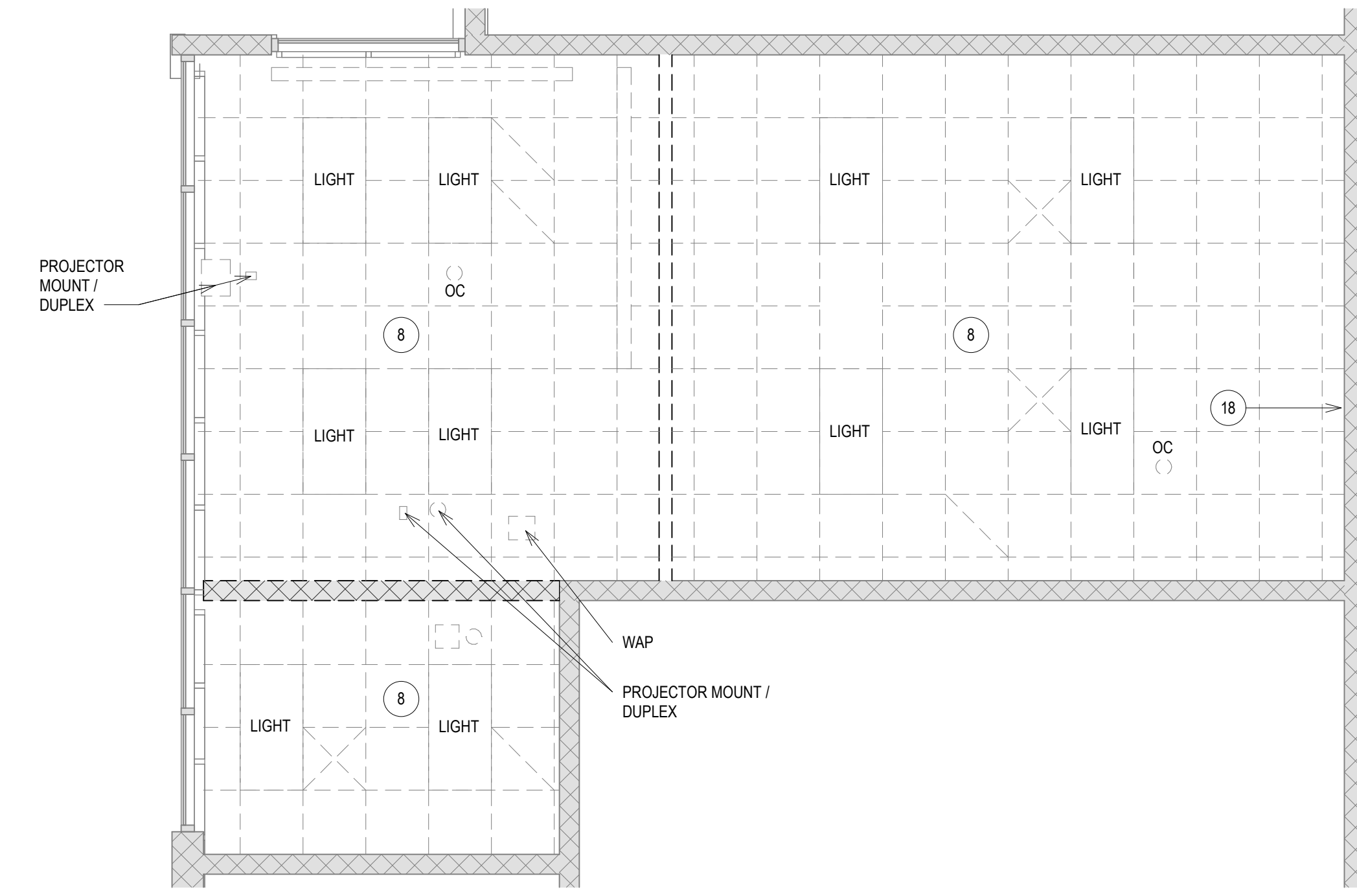
- GENERAL DEMOLITION NOTES TO CONTRACTOR**
- DRAWINGS WERE PREPARED BASED ON AVAILABLE EXISTING BUILDING DOCUMENTATION. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS, AND DIMENSIONS TO SATISFY EXECUTION OF WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY.
 - EXISTING WALLS, DOORS, FRAMES, ETC. THAT ARE SCHEDULED TO BE REMOVED ARE SHOWN BY HEAVY DASHED LINE TYPES. SEE DEMOLITION KEY NOTES FOR SPECIFIC INSTRUCTIONS.
 - EXISTING WALLS, DOORS, FRAMES, ETC. THAT ARE SCHEDULED TO REMAIN ARE SHOWN HALF-TONE AND ARE TO BE PROTECTED FROM DAMAGE DURING DEMOLITION AND CONSTRUCTION. ANY SUCH EXISTING CONDITIONS WHICH ARE DAMAGED OR BECOME UNSTABLE DUE TO OTHER DEMOLITION SHALL BE REPLACED AT NO COST TO THE OWNER, WITH NEW CONSTRUCTION TO MATCH.
 - SEE MEPPF DRAWINGS AND SPECIFICATIONS FOR ELECTRICAL, PLUMBING, FIRE PROTECTION AND HVAC REMOVAL. THESE SYSTEMS ARE SHOWN FOR COORDINATION PURPOSES ONLY.
 - COORDINATE ALL ITEMS TO BE SALVAGED AND TURN OVER TO OWNER.
 - PROVIDE CONSTRUCTION BARRIERS AND DUST CONTROL PROVISIONS IN CORRIDORS AS REQUIRED FOR AREAS TO REMAIN IN OPERATION DURING DEMOLITION AND NEW CONSTRUCTION PER UW STANDARDS.
 - G.P.C. WILL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY SHORING / BRACING FOR SELECTIVE DEMOLITION.
 - ASBESTOS ABATEMENT: SEE GENERAL REQUIREMENTS, HAZARDOUS SUBSTANCES FOR REGULATORY REQUIREMENTS, MATERIALS TESTING RESULTS, AND GENERAL PRIME CONTRACTOR'S RESPONSIBILITY REGARDING ACM. ASBESTOS ABATEMENT WORK WILL BE CONTRACTED BY OWNER. GPC SHALL COORDINATE THE WORK OF THE ASBESTOS ABATEMENT CONTRACTOR (AAC) TO ENSURE CONSTRUCTION PROCEEDS EFFICIENTLY. GPC SHALL PERFORM INITIAL SELECTIVE DEMOLITION IN THE AREA AS REQUIRED TO READY THE AREA FOR ASBESTOS ABATEMENT WORK BY THE OWNER TO PROCEED. GPC SHALL VACATE THE WORK AREA FOR 1 WEEK TO ALLOW SOLE AND UNINTERRUPTED ACCESS FOR THE ASBESTOS ABATEMENT WORK BY THE OWNER TO BE COMPLETED.
 - AFTER REMOVAL OF EXISTING CEILING IN WORK AREA, AND BEFORE DEMOLITION OF MECHANICAL SYSTEMS, GC IS TO INSPECT PERIMETER WALLS FOR EXISTING OPEN PENETRATIONS AND NOTIFY ARCHITECT. GC TO INCLUDE THE FIRESTOPPING OF UP TO (12) 3" DIAMETER EXISTING PENETRATIONS IN THE PROJECT BID.
 - G.P.C. SHALL REFER TO SPECIFICATION SECTION 02 41 19 SELECTIVE DEMOLITION FOR ADDITIONAL REQUIREMENTS. PARTICULAR ATTENTION SHALL BE PAID TO SECTION 3.4 AND 3.5 RELATED TO MAINTAINING A CLEAN JOB SITE DURING DEMOLITION ACTIVITIES.
 - G.P.C. SHALL REFER TO SPECIFICATION SECTION 02 41 41, PARTICULARLY SECTION 3.5 RELATED TO STAGING AREA AND THE REQUIREMENTS FOR KEEPING A CLEAN JOB SITE.



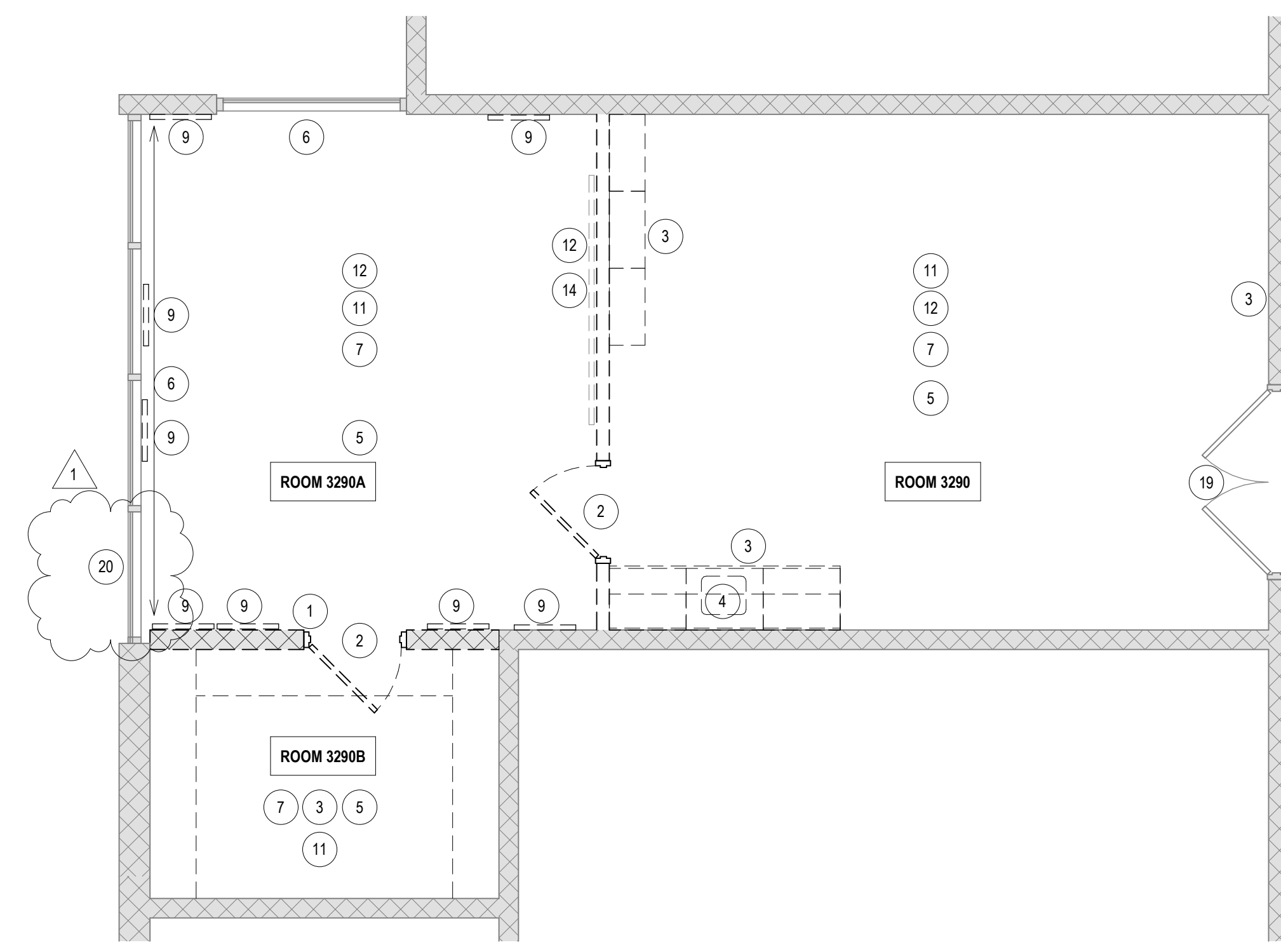
DEMOLITION PLAN KEY NOTES

SEE PROJECT GENERAL CONDITIONS, GENERAL INFORMATION ON SHEET A001 AND SELECTIVE DEMOLITION, CUTTING AND PATCHING SPECIFICATIONS THAT ARE USED IN ASSOCIATION WITH THESE NOTES.

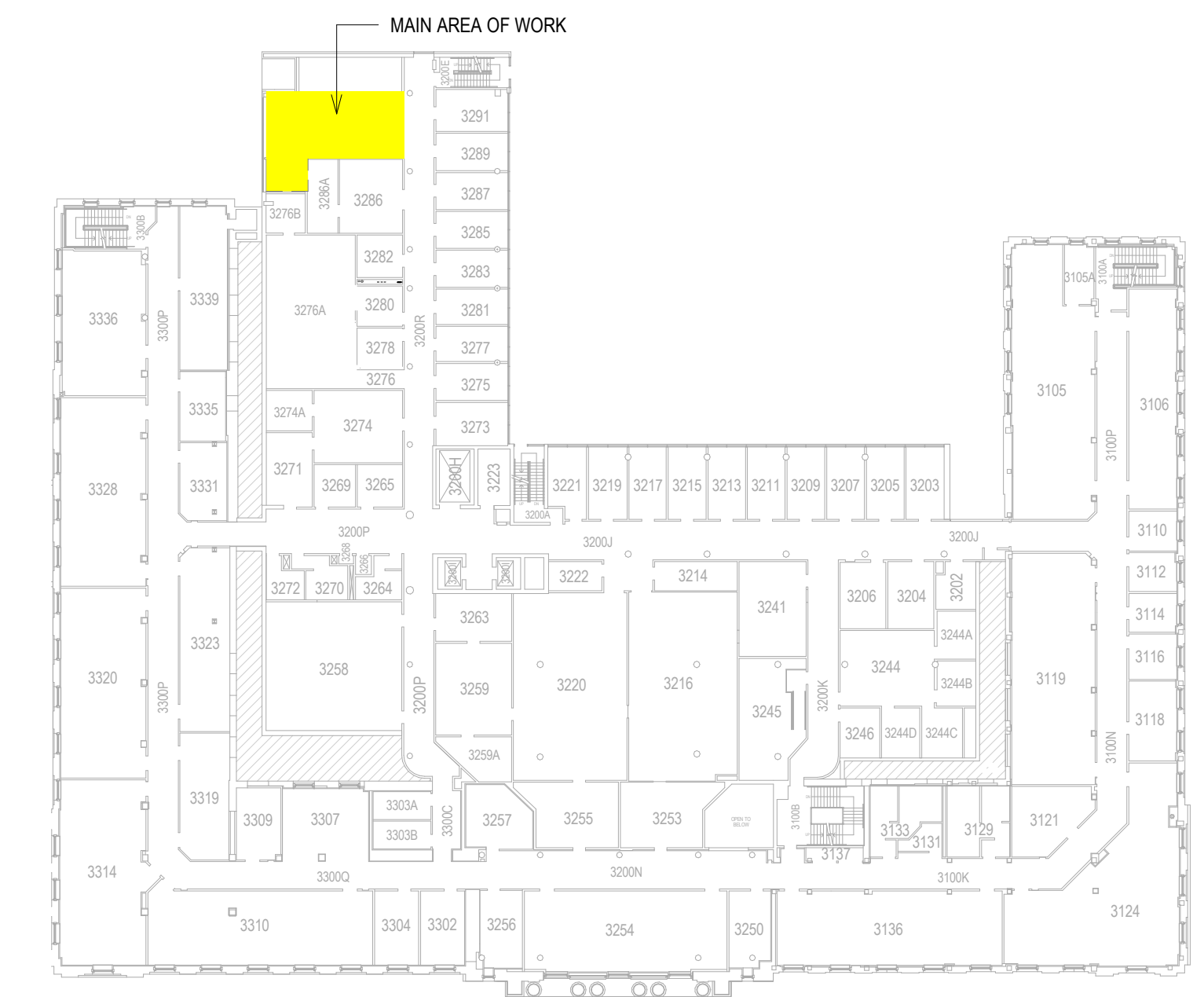
- DEMOLITION PLAN KEY NOTES APPLY TO ALL NEW WORK DRAWINGS AND MAY NOT BE USED ON EVERY SHEET.
- REMOVE EXISTING PARTITION WALL AND ALL SUPPORTS. PATCH INTERSECTIONS AT FLOORS, WALLS, AND STRUCTURE ABOVE TO MATCH EXISTING AT INTERSECTIONS OF CMU PARTITIONS. PATCH REMAINING CMU WITH FULL SIZE BLOCKS TO MATCH EXISTING PATTERN.
 - REMOVE DOOR, FRAME, AND ALL HARDWARE. COMPLETE THE REMOVAL OF THIS DOOR AND FRAME PRIOR TO ASBESTOS ABATEMENT WORK BY OWNER.
 - REMOVE ALL EXISTING CASEWORK (UPPER AND LOWER), COUNTER, SHELVING, ACCESSORIES, AND ALL RELATED SUPPORTS AND ANCHORS. COMPLETE THE REMOVAL OF ALL CASEWORK DEMOLITION PRIOR TO ASBESTOS ABATEMENT WORK BY OWNER. PATCH ADJACENT REMAINING CONSTRUCTION TO MATCH EXISTING.
 - REMOVE EXISTING SINK. COMPLETE THE REMOVAL OF THE SINK PRIOR TO ASBESTOS ABATEMENT WORK BY OWNER.
 - SALVAGE AND RETURN TO OWNER ALL EXISTING WALL AND CEILING ITEMS INCLUDING BUT NOT LIMITED TO CLOCK, PHONE, SPEAKERS, TV MOUNT, PROJECTOR MOUNT, WAP, LIGHTING, ETC. ALL WIRING TO BE REMOVED BACK TO SOURCE. ENTIRE ROOM TO HAVE NOTHING LEFT ON EXISTING WALLS. PREP WALLS TO RECEIVE NEW WORK FINISH.
 - REMOVE EXISTING WINDOW BLINDS AND ALL SUPPORTS. PATCH AT EXISTING TO REMAIN WALLS AND STOREFRONT MILLIONS.
 - REMOVAL OF EXISTING FLOOR FINISHES, INCLUDING CARPET, VCT BELOW CARPET, AND ALL ADHESIVES IS TO BE COMPLETED BY THE OWNERS ASBESTOS ABATEMENT CONTRACTOR.
 - REMOVE EXISTING CEILING TILE, GRID SYSTEM, ANCHORS AND SUPPORTS. COMPLETE THE REMOVAL OF ALL CEILING DEMOLITION PRIOR TO ASBESTOS ABATEMENT WORK BY OWNER. PATCH INTERSECTIONS AT WALLS AND STRUCTURE ABOVE TO MATCH EXISTING.
 - REMOVAL OF ALL ACOUSTIC WALL PANELS AND ADHESIVES TO BE COMPLETED BY THE OWNERS ASBESTOS ABATEMENT CONTRACTOR.
 - REMOVAL OF ALL WOOD PANELING TO BE COMPLETED BY THE OWNERS ASBESTOS ABATEMENT CONTRACTOR. G.P.C. IS TO CLEAN EXISTING TO REMAIN CMU WALLS AND PREP FOR NEW WORK FINISH.
 - REMOVAL OF ALL VINYL BASE AND ADHESIVE ON WALLS TO BE COMPLETED BY THE OWNERS ASBESTOS ABATEMENT CONTRACTOR AS PART OF THEIR FLOOR REMOVAL WORK UNLESS SPECIFICALLY NOTED ON PLANS WHERE CC IS TO REMOVE WALL BASE AS PART OF WALL DEMOLITION THAT IS TO BE COMPLETED PRIOR TO THE OWNERS ASBESTOS ABATEMENT WORK. VINYL BASE IS NON-ACC. WALL DEMOLITION PRIOR TO THE WORK OF THE OWNERS ASBESTOS ABATEMENT CONTRACTOR IS BEING DONE TO ALLOW FOR REMOVAL OF ACC FLOORING EXPECTED TO EXISTING BELOW WALL.
 - REMOVAL OF ALL WHITEBOARDS, TACKBOARDS AND ADHESIVES TO BE COMPLETED BY THE OWNERS ASBESTOS ABATEMENT CONTRACTOR. G.P.C. TO COORDINATE WITH ACC TO REMOVE WHITEBOARD BEFORE DEMOLITION OF THE WALL.
 - SALVAGE EXISTING CLOCK, REINSTALL IN EXACT LOCATION DURING NEW WORK PHASE. CLOCK IS CONNECT TO CAMPUS CENTRAL TIME AND REQUIRES TO BE REWIRED TO THE SYSTEM.
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 - PRIOR TO START OF ABATEMENT, GPC TO REMOVE SINGLE WINDOW PANE IN EXISTING CURTAIN WALL AND INSTALL AND SEAL A TEMPORARY WOOD ENCLOSURE FOR ABATEMENT USE. ABATEMENT CONTRACTOR TO CUT HOLE IN PLYWOOD AND SEAL AS NECESSARY TO INSTALL ALL REQUIRED VENTING. ONCE ABATEMENT WORK IS COMPLETE, GPC TO REMOVE TEMPORARY PLYWOOD ENCLOSURE AND REINSTALL WINDOW PANE AND RESEAL.



2 DEMOLITION RCP - LEVEL 03
Scale: 1/4" = 1'-0"



1 DEMOLITION PLAN - LEVEL 03
Scale: 1/4" = 1'-0"



LEVEL 03 LOCATOR MAP - DEMO
SCALE: 1" = 40'-0"

T 414.220.9640
751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

Chamberlin L&S Songs Physics Lab Renovation
UW Madison
1150 UNIVERSITY AVE. MADISON, WI 53706

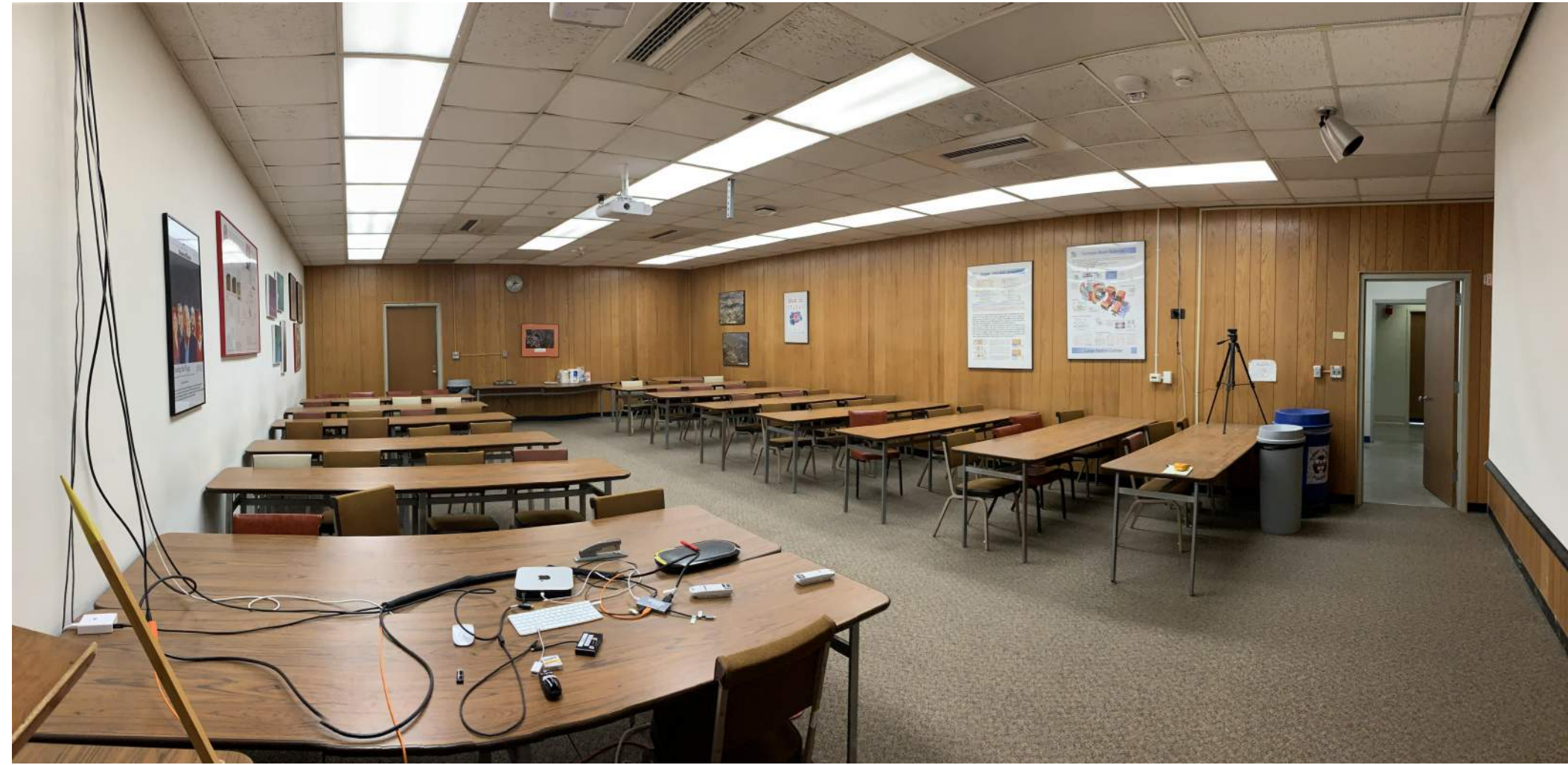
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DEMOLITION PLAN - LEVEL 03

REVISIONS:

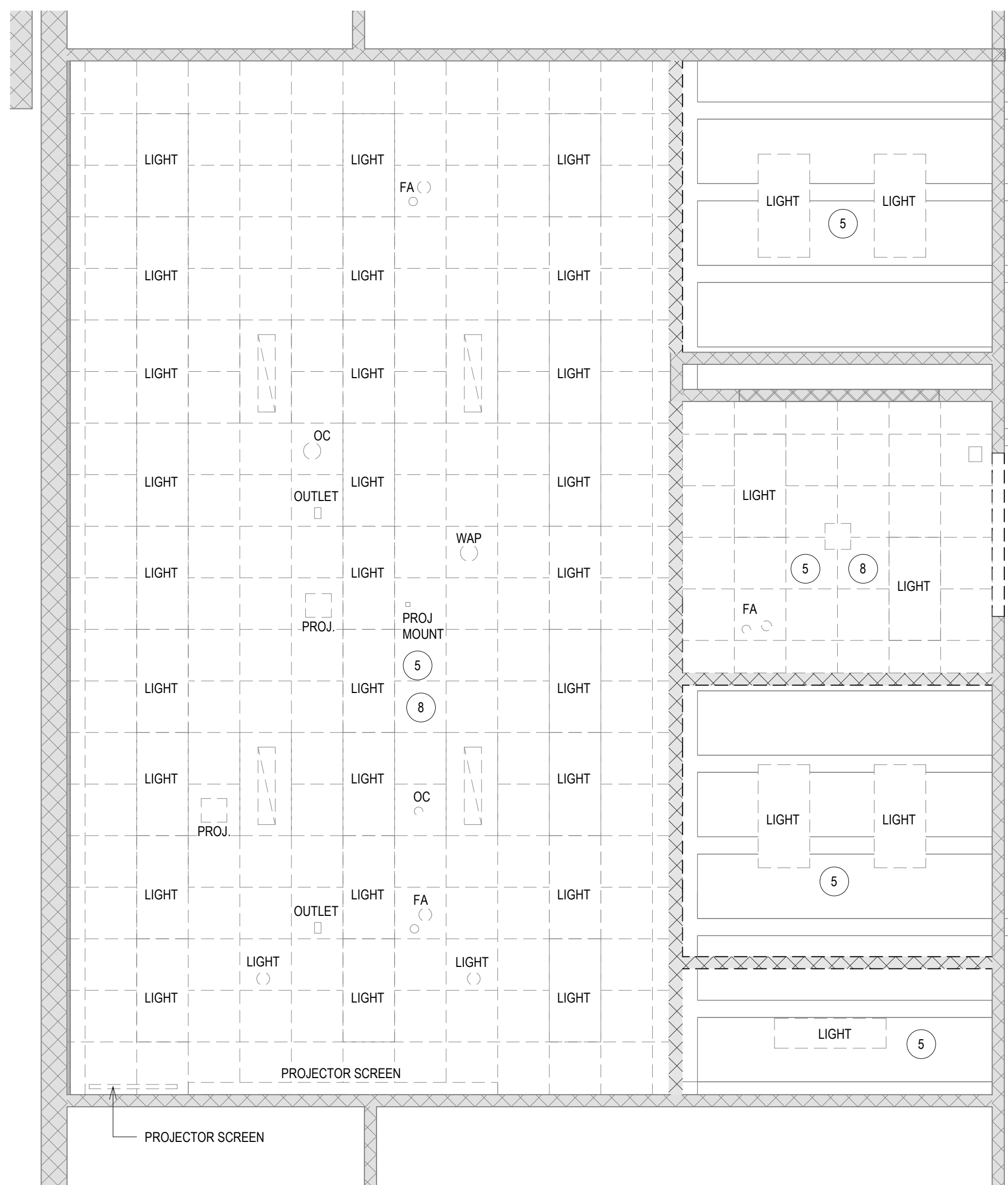
1	9/5/24	Addendum 1
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SCALE	VARIES
PROJECT NUMBER	0055-2346 / A-23-012
SET TYPE	BD
DATE ISSUED	AUG 16, 2024
SHEET NUMBER	A101

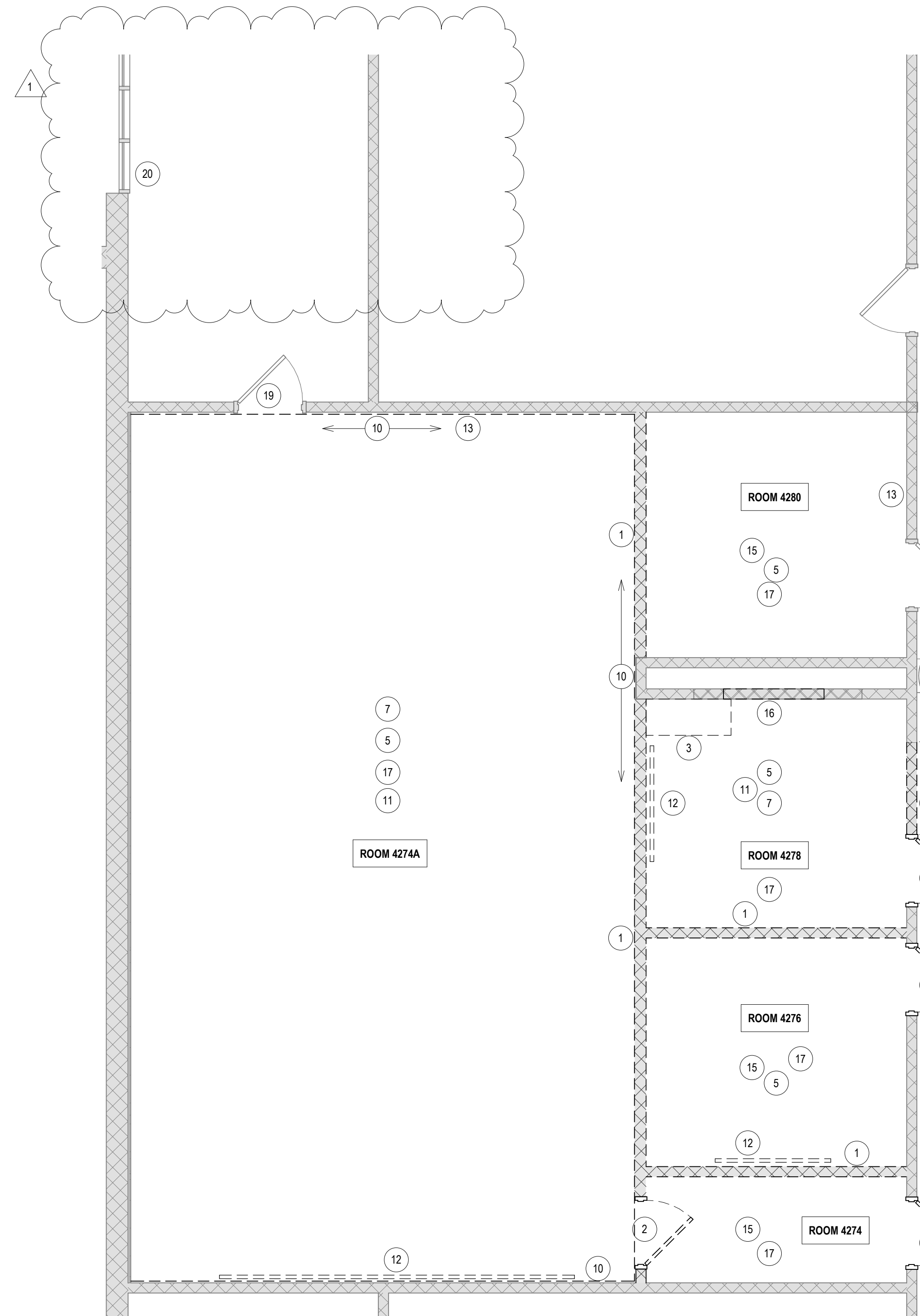
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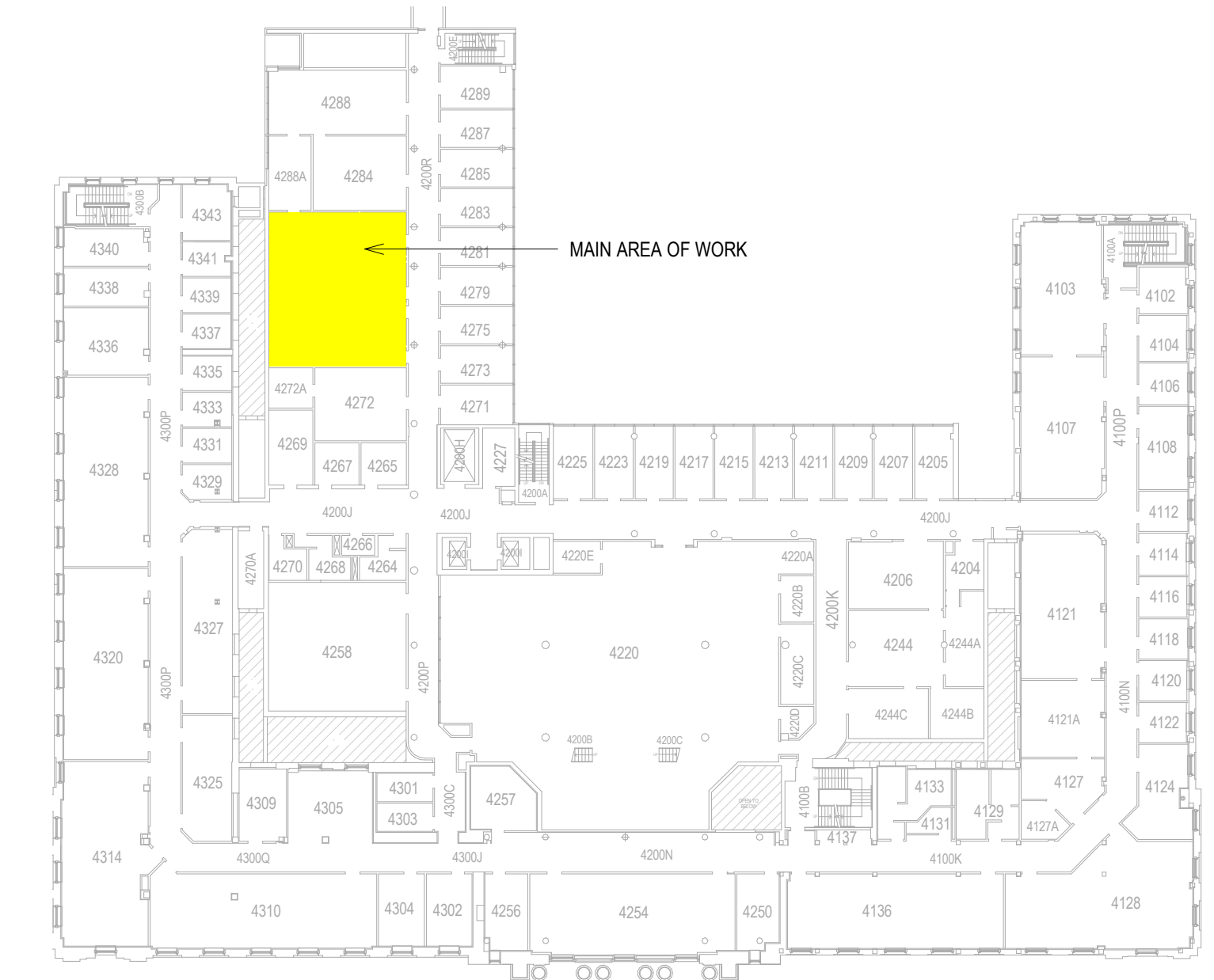


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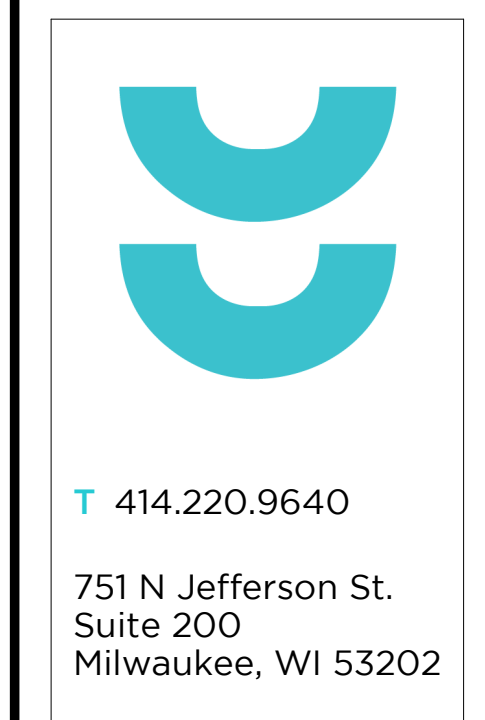
DEMOLITION PLAN LEGEND

	EXISTING GWS AND METAL STUD PARTITION, TO BE REMOVED
	EXISTING MASONRY PARTITION, TO BE REMOVED
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LEVEL 04 LOCATOR MAP - DEMO
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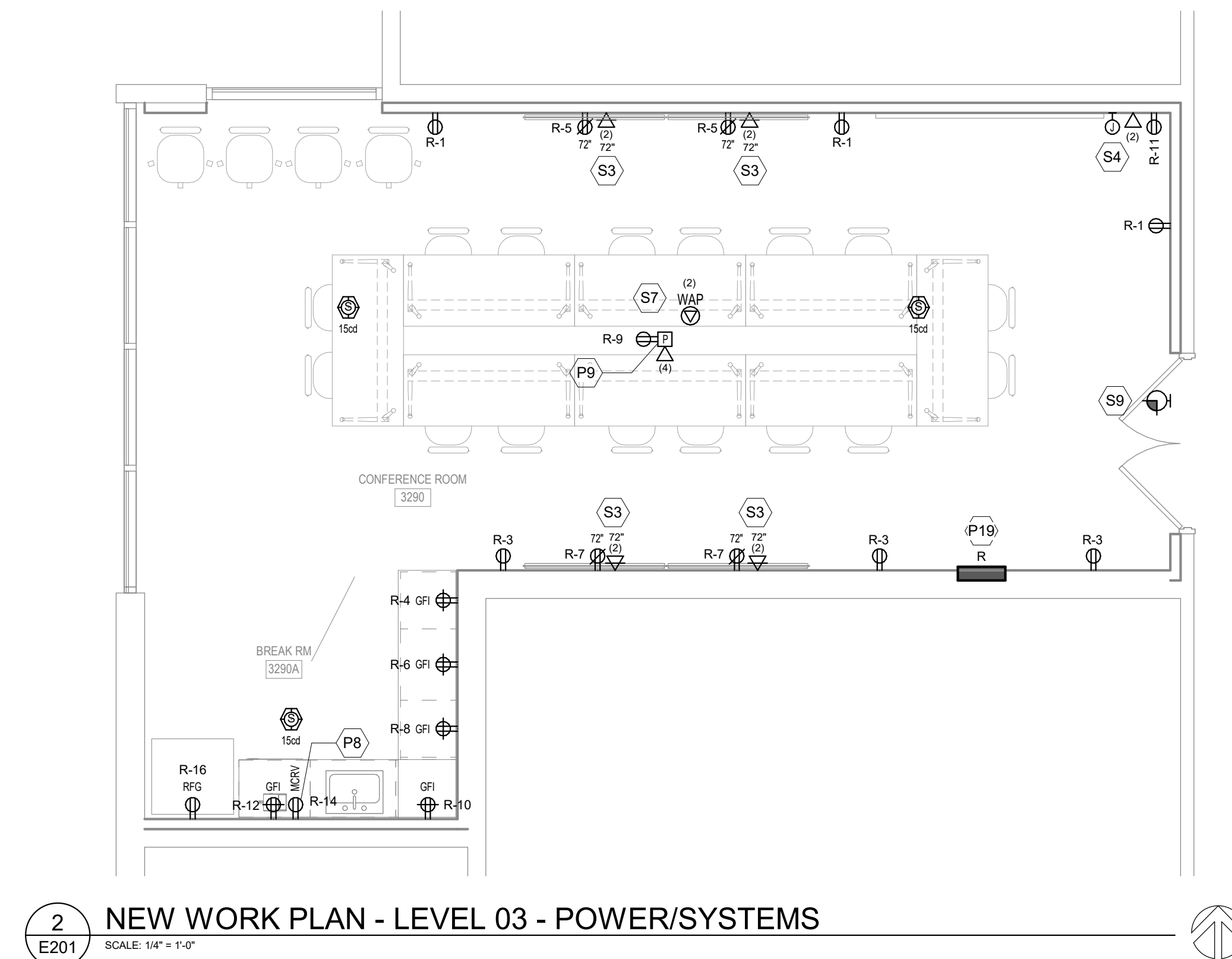
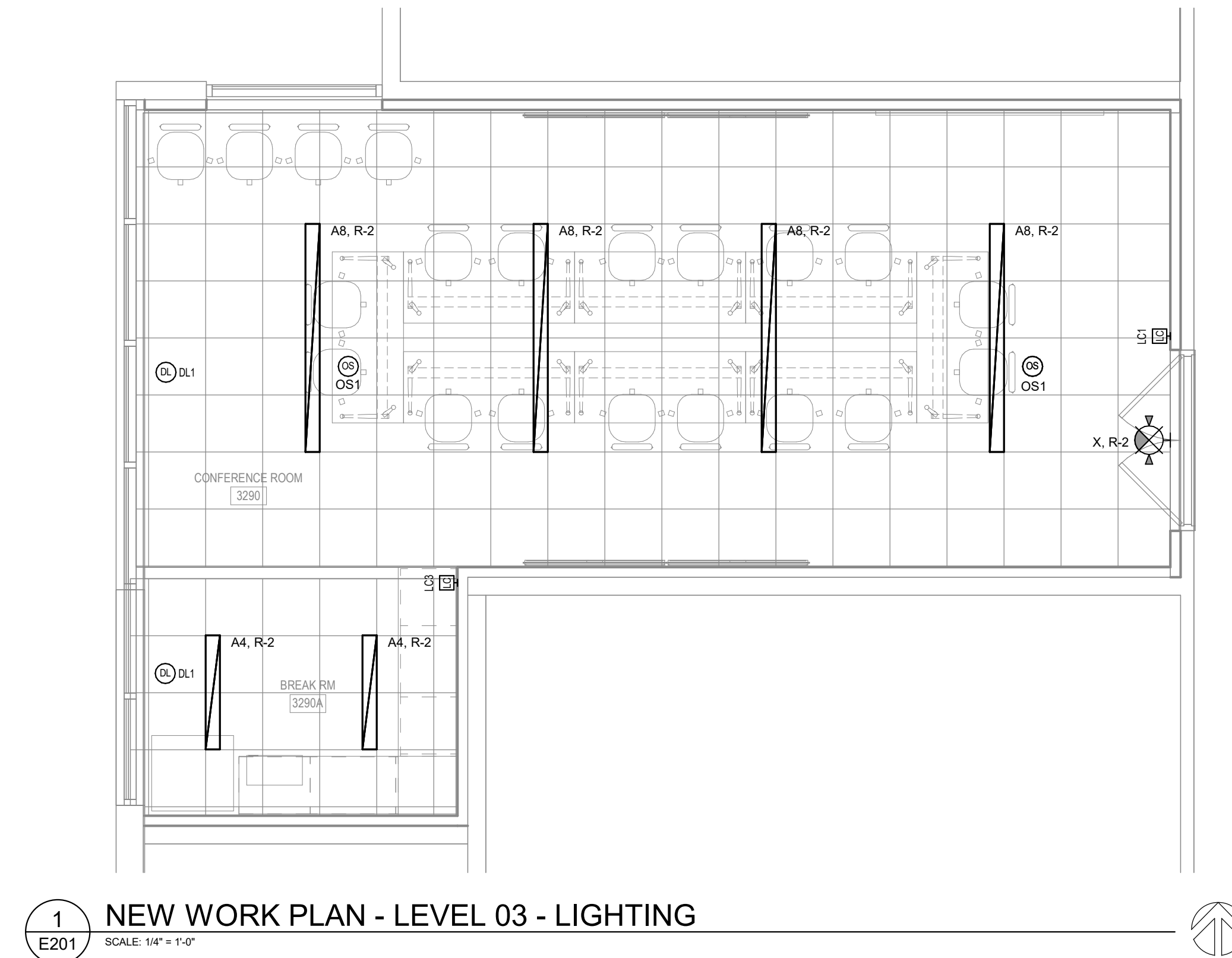
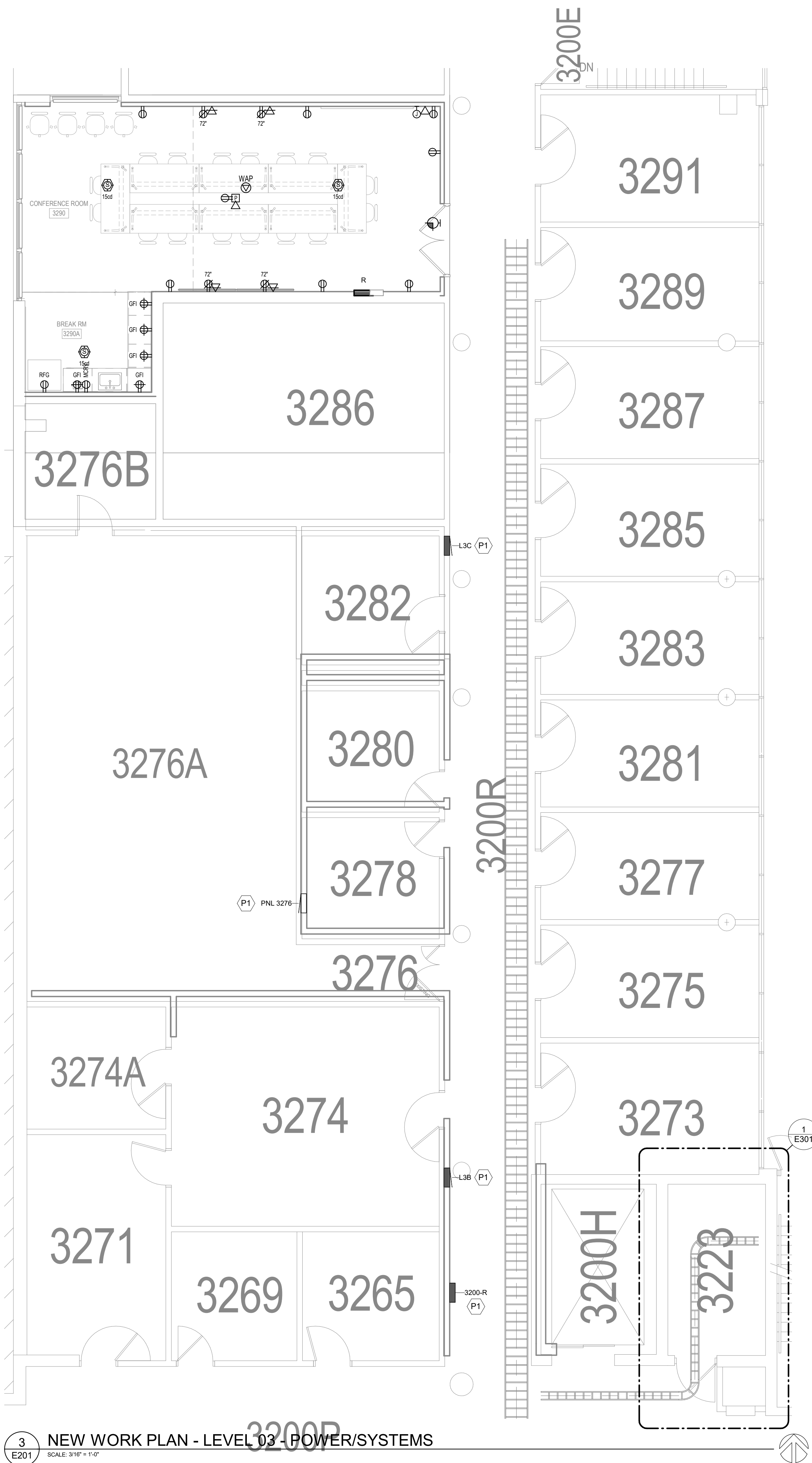
CONSULTANTS:

Chamberlin L&S Songs Physics Lab Renovation
UW Madison
1150 UNIVERSITY AVE. MADISON, WI 53706
SHEET TITLE: DEMOLITION PLAN - LEVEL 04

REVISIONS:
1 9/5/24 Addendum 1

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SHEET NUMBER	A102

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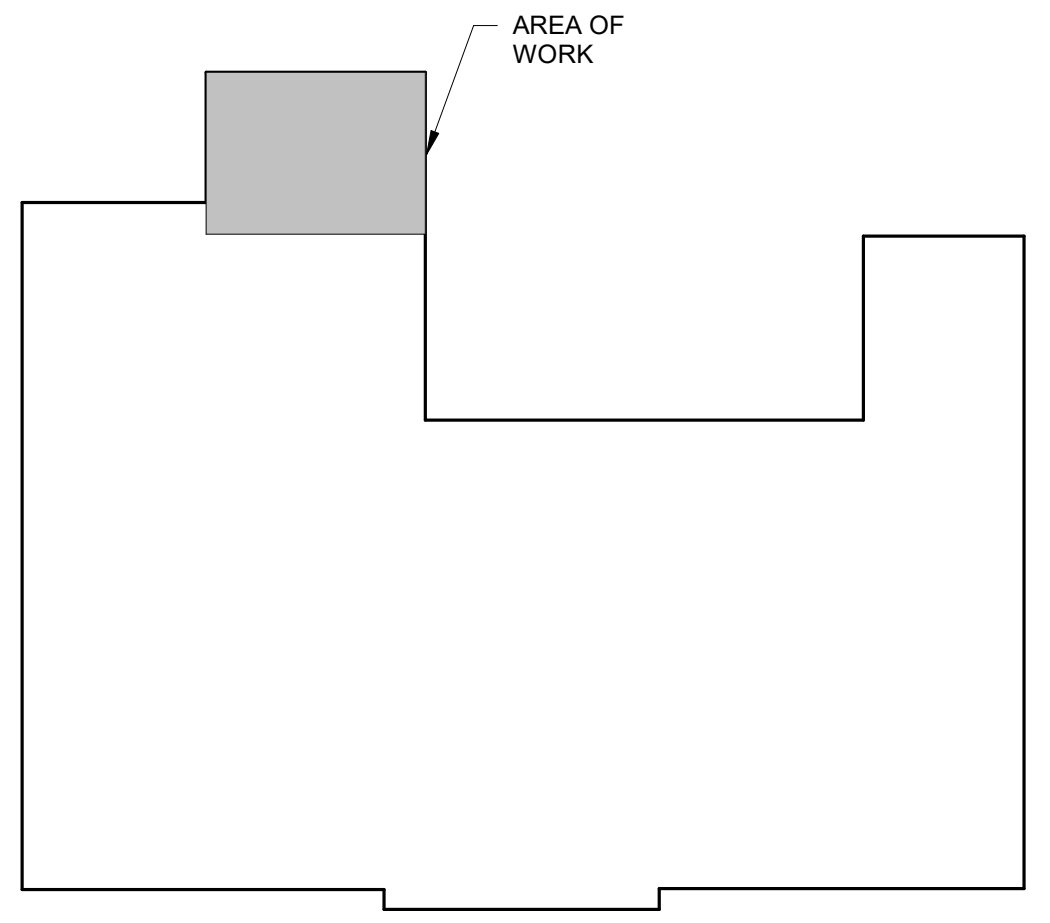


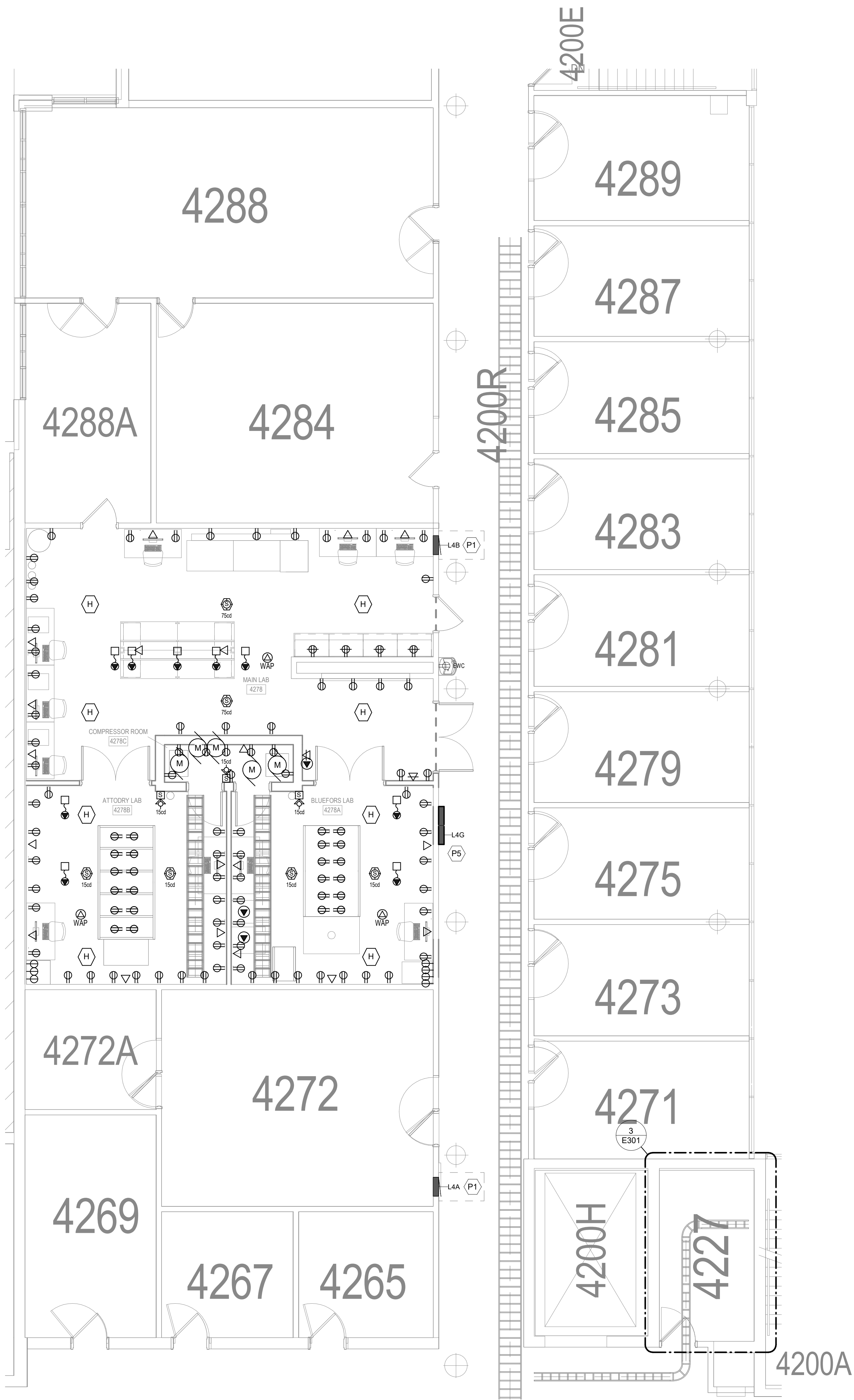
- LIGHTING GENERAL NOTES:**
- REFER TO SHEET E000 FOR ALL SYMBOLS, ABBREVIATIONS, AND DETAILS.
 - REFER TO ARCHITECTURAL PLANS, SECTIONS, ELEVATIONS, AND REFLECTED CEILING PLANS FOR EXACT LOCATION AND COORDINATION OF ALL LIGHT FIXTURE AND CONTROLLER INSTALLATIONS.
 - VERIFY ALL MOUNTING HEIGHTS OF DEVICES ABOVE MILLWORK WITH ARCHITECTURAL PLANS.
 - WIRING SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE (NEC) AND APPLICABLE LOCAL CODES, INCLUDING PROVISION OF EQUIPMENT GROUNDING AS REQUIRED BY THE NEC.
 - POWER CONDUCTORS SHALL BE SIZED PER THE NEC AMPACITY TABLES (ARTICLE 310), INCLUDING ADJUSTMENT FACTOR AND NEUTRAL CONDUCTOR REQUIREMENTS (FEED AND BRANCH NEUTRAL CONDUCTORS MUST BE COUNTED AS CURRENT CARRYING CONDUCTORS). RUN SEPARATE NEUTRAL CONDUCTORS FOR ALL LIGHTING CIRCUITS.
 - LIGHT FIXTURES THAT DO NOT INDICATE A PANEL AND CIRCUIT NUMBER ARE TO BE CONNECTED TO THE EXISTING CIRCUIT THAT FEEDS THE LIGHTING IN THAT SPACE.
 - LIGHT FIXTURES AND OTHER APPARATUS SUPPORTED BY THE ACOUSTICAL CEILING GRID MUST MEET THE REQUIREMENTS OF NEC SECTION 410.16, MEANS OF SUPPORT.

- POWER GENERAL NOTES:**
- REFER TO SHEET E000 FOR ALL SYMBOLS, ABBREVIATIONS, AND DETAILS.
 - THE CONTRACTOR MAY INSTALL UP TO THREE (3) CURRENT CARRYING CONDUCTORS IN A CONDUIT. WHEN UTILIZING ONLY #12 CONDUCTORS, THE CONTRACTOR MAY INSTALL UP TO SIX (6) CURRENT CARRYING CONDUCTORS IN A CONDUIT. LOADINGS ARE BASED ON THW IN INSULATION, 40°C AMBIENT WITH DERATINGS FOR TEMPERATURE AND UP TO THREE (3) CONDUCTORS IN A CONDUIT. CONTACT THE ENGINEER FOR WIRING IN OTHER CONDITIONS TO ACCOUNT FOR CONDUCTOR DERATING. NEUTRAL CONDUCTOR SHALL BE CONSIDERED A CURRENT CARRYING CONDUCTOR IN UNBALANCED 3-PHASE APPLICATIONS.
 - VERIFY ALL MOUNTING HEIGHTS OF DEVICES ABOVE MILLWORK WITH ARCHITECTURAL PLANS.
 - ELECTRICAL CONTRACTOR TO PROVIDE NECESSARY CODE REQUIRED FIRE PROOFING FOR ALL PENETRATIONS INTO FIRE RATED WALLS/CEILING(S) WHERE ALL ASSEMBLIES ARE REQUIRED TO HAVE A 1 OR 2-HOUR RATED FIRE RESISTANCE RATING. RECESSED FIXTURES SHALL BE INSTALLED SUCH THAT THE REQUIRED FIRE RESISTANCE OF THE SURFACE WILL NOT BE REDUCED.
 - ELECTRICAL CONTRACTOR SHALL CONFIRM ALL ELECTRICAL EQUIPMENT REQUIREMENTS FOR OWNER PROVIDED EQUIPMENT PRIOR TO ORDERING/INSTALLING RECEPTACLES, PLUGS, DISCONNECTS, ETC.

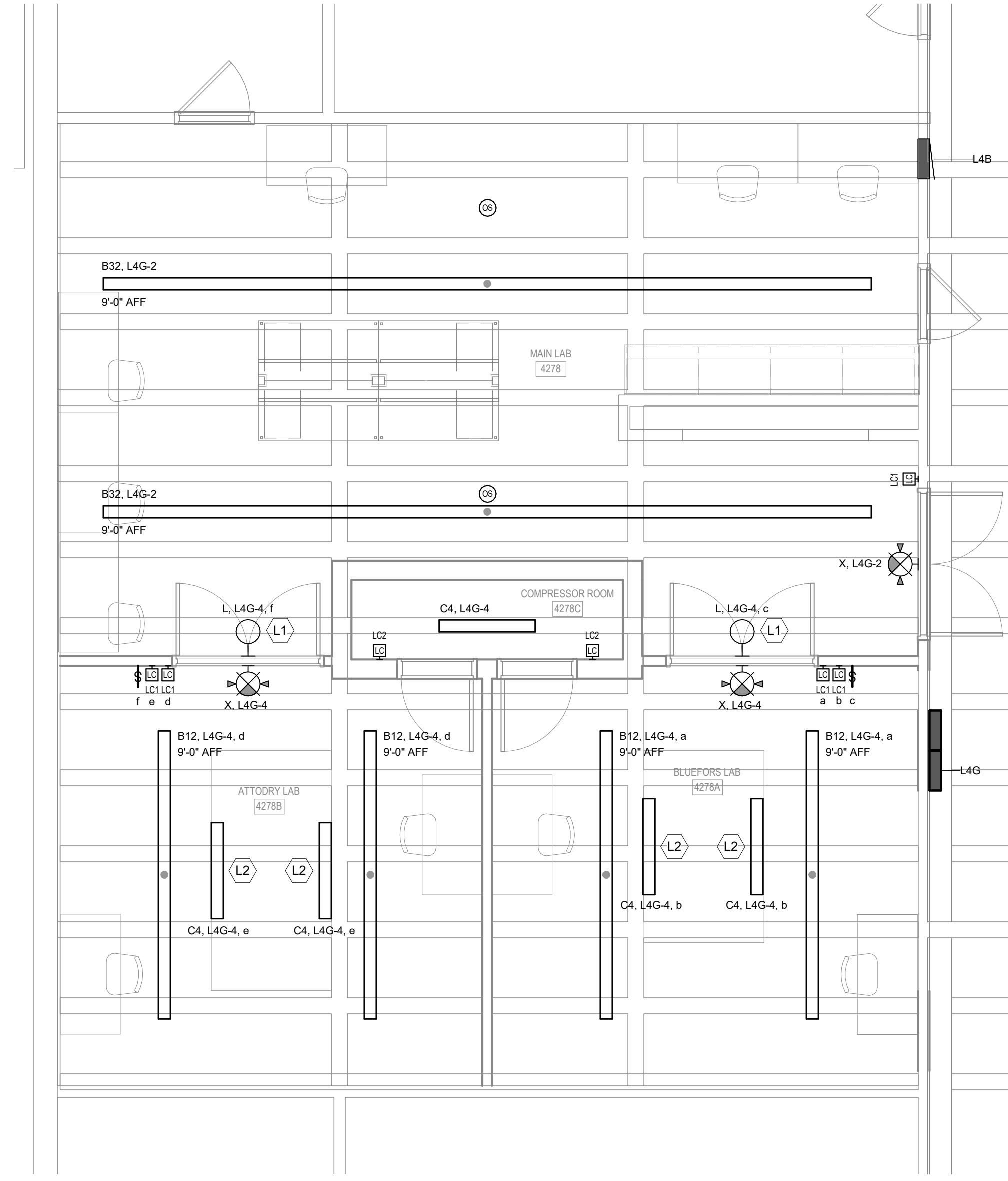
- SYSTEMS GENERAL NOTES:**
- REFER TO SHEET E000 FOR ALL SYMBOLS, ABBREVIATIONS, AND DETAILS.
 - ALL LOW VOLTAGE CABLES OR CONDUCTORS OPERATING AT LESS THAN 50 VOLTS SHALL BE IN ELECTRICAL METAL TUBING (EMT) WHERE INSTALLED WITHIN WALLS OR INACCESSIBLE SPACES.
 - LOW VOLTAGE CABLES SHALL BE RUN IN CABLE TRAY. HOOKS SHALL BE LIMITED TO SUPPORTING CABLES TO THE NEAREST CABLE TRAY.
 - TV OUTLETS, VOLUME CONTROLS, TELEPHONE OUTLETS, AND DATA OUTLETS SHALL CONSIST OF A BACK BOX WITH CONDUIT STUBBED ABOVE THE ACCESSIBLE CEILING. SEE ROUGH-IN DETAIL ON 2/E900. VERIFY SIZE OF BACK BOX REQUIRED WITH DEVICE TO BE INSTALLED. LOCATE BACK BOXES 6" FROM ADJACENT POWER RECEPTACLE INTENDED FOR COMPUTER USE.
 - ANY ALL LOW VOLTAGE SYSTEMS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: COMMUNICATIONS, PAGING, CLOCK SYSTEM, CLASS BELLS, ETC., SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. FIELD VERIFY ALL LOW VOLTAGE SYSTEM REQUIREMENTS AND EXTEND/MAINTAIN/REUSE AS REQUIRED. EXTEND ANY ALL NEW COMMUNICATIONS CABLE TO EXISTING MOD/ID AS REQUIRED. COORDINATE JACK CABLE REQUIREMENTS AND COLORS WITH OWNER.
 - ANY ALL EXISTING PROTECTION/INTRUSION SYSTEMS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: ACCESS CONTROL, AIRPHONE SECURITY, CCTV, ETC., SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. MODIFY/EXTEND EXISTING SYSTEMS AS REQUIRED AND AS APPROXIMATELY SHOWN. COORDINATE EXTENT OF WORK AND ANY ALL REQUIREMENTS WITH SYSTEM PROVIDER.
 - COORDINATE LOCATIONS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND DETAILS. ARCHITECTURAL ELEVATIONS AND DETAILS TAKE PRECEDENCE OVER LOCATIONS SHOWN ON ELECTRICAL DRAWINGS.
 - ALL NEW DATA CABLES SHALL BE PULLED TO TR-3303A ON FLOOR 3, AND TR-4301 ON FLOOR 4. REFER TO ROOM LOCATIONS SHOWN ON SHEET E301.
 - ALL NEW DATA CABLES AT EQUIPMENT OUTLETS SHALL BE CAT6. (2) NEW CAT6A DATA CABLES SHALL BE PROVIDED AT WAF LOCATIONS.

- KEYED NOTES**
(KEYED NOTES PER PROJECT)
- P1 EXISTING PANELBOARD NOT IN PROJECT SCOPE TO REMAIN AS IS.
 - P8 COORDINATE HEIGHT OF MICROWAVE RECEPTACLE WITH FINAL ARCHITECTURAL CABINET LAYOUT.
 - P9 ELECTRICAL CONTRACTOR TO PROVIDE POKE THRU DEVICE EQUAL TO LEGRAND 8' EVOLUTION SERIES. POKE THRU DEVICE SHALL BE PROVIDED WITH A MINIMUM TWO (2) DUPLEX RECEPTACLES, FOUR (4) CAT6 JACKS, AND ONE (1) SINGLE GANG DECORA HDMI PLATE. PROVIDE 1-1/4" RAGWAY BETWEEN POKE THRU AND ACCESSIBLE CEILING IN CONFERENCE ROOM FOR AV CABLING. AV CABLING IS OWNER FURNISHED, OWNER INSTALLED. COORDINATE FINAL POKE THRU UTILITY CONNECTIONS AND FINISH WITH ARCHITECTURE/OWNER.
 - P19 PROVIDE PANEL INTERIOR RETROFIT KIT TO EXISTING PANEL 'R'. PROVIDE NEW FLUSH MOUNT PANEL COVER FOR FLUSH INSTALLATION WITH NEW WALL.
 - S3 ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL A 4" SQUARE JUNCTION BOX WITH SINGLE GANG TRIM RING FOR MONITOR LOW VOLTAGE CABLING. PROVIDE A 1-1/4" FROM JUNCTION BOX LOCATION TO ABOVE ACCESSIBLE CEILING.
 - S4 ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL A 4" SQUARE JUNCTION BOX WITH SINGLE GANG TRIM RING FOR MONITOR LOW VOLTAGE CABLING. PROVIDE A 1-1/2" FROM JUNCTION BOX LOCATION TO ABOVE ACCESSIBLE CEILING.
 - S7 LOW VOLTAGE CONTRACTOR SHALL COORDINATE INSTALLATION/REINSTALLATION OF WIRELESS ACCESS POINT WITH DOT/IS INFRASTRUCTURE MANAGER. REFER TO S/E900 AND S/E900 FOR WIRELESS ACCESS POINT INSTALLATION DETAILS.
 - S9 NEW BUILDING LOCK TO BE PROVIDED IN THIS AREA. COORDINATE INSTALLATION REQUIREMENTS WITH UW.

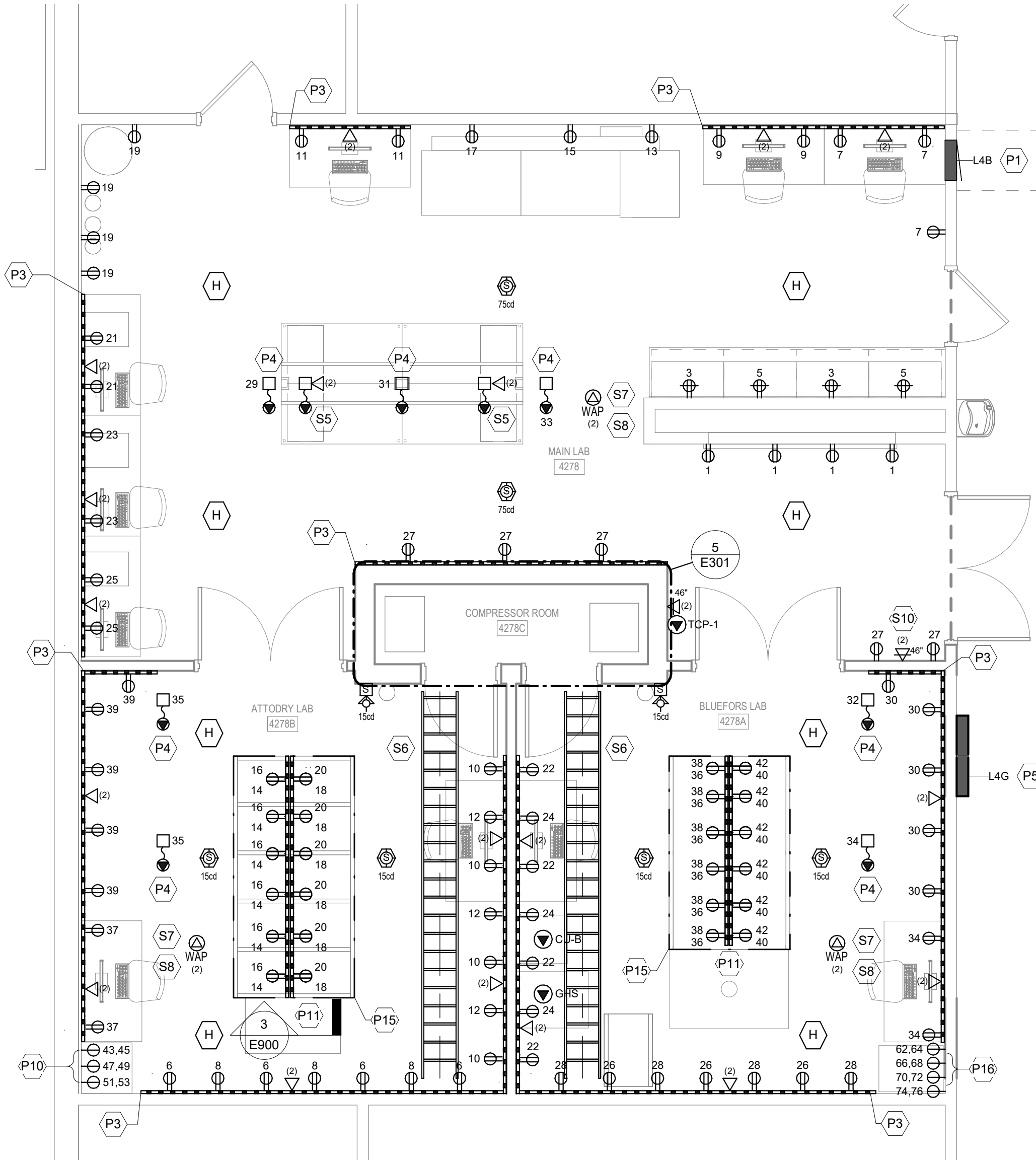




3 E211 SCALE: 3/16" = 1'-0"
NEW WORK PLAN - LEVEL 04 - POWER/SYSTEMS



1 E211 SCALE: 1/8" = 1'-0"
NEW WORK PLAN - LEVEL 04 - LIGHTING



2 E211 SCALE: 1/8" = 1'-0"
NEW WORK PLAN - LEVEL 04 - POWER/SYSTEMS

LIGHTING GENERAL NOTES:

- REFER TO SHEET E000 FOR ALL SYMBOLS, ABBREVIATIONS, AND DETAILS.
- REFER TO ARCHITECTURAL PLANS, SECTIONS, ELEVATIONS, AND REFLECTED CEILING PLANS FOR EXACT LOCATION AND COORDINATION OF ALL LIGHT FIXTURE AND CONTROLLER INSTALLATIONS.
- VERIFY ALL MOUNTING HEIGHTS OF DEVICES ABOVE MILLWORK WITH ARCHITECTURAL PLANS.
- WIRING SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE (NEC) AND APPLICABLE LOCAL CODES, INCLUDING PROVISION OF EQUIPMENT GROUNDING AS REQUIRED BY THE NEC.
- POWER CONDUCTORS SHALL BE SIZED PER THE NEC AMPACITY TABLES (ARTICLE 310), INCLUDING ADJUSTMENT FACTOR AND NEUTRAL CONDUCTOR REQUIREMENTS (FEED AND BRANCH NEUTRAL CONDUCTORS MUST BE COUNTED AS CURRENT CARRYING CONDUCTORS). RUN SEPARATE NEUTRAL CONDUCTORS FOR ALL LIGHTING CIRCUITS.
- LIGHT FIXTURES THAT DO NOT INDICATE A PANEL AND CIRCUIT NUMBER ARE TO BE CONNECTED TO THE EXISTING CIRCUIT THAT FEEDS THE LIGHTING IN THAT SPACE.
- LIGHT FIXTURES AND OTHER APPARATUS SUPPORTED BY THE ACOUSTICAL CEILING GRID MUST MEET THE REQUIREMENTS OF NEC SECTION 410.16, MEANS OF SUPPORT.

POWER GENERAL NOTES:

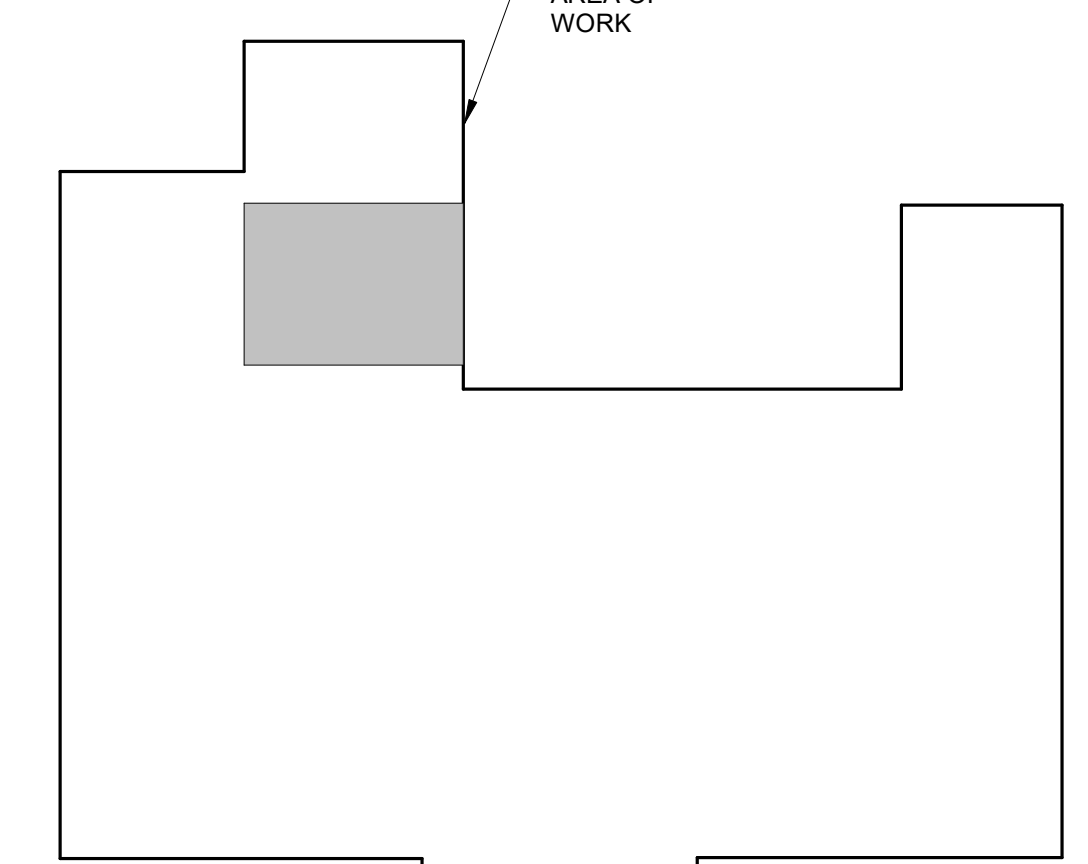
- ALL CIRCUIT NUMBERS SHOWN ON THIS SHEET SHALL BE FED FROM PANEL L4G UNLESS OTHERWISE NOTED.
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KEYED NOTES

- (KEYED NOTES PER PROJECT)
- L1 LASER IN USE LIGHT TO BE CONTROLLED VIA MANUAL SWITCH WITHIN LAB.
 - L2 MOUNT OPTICAL TABLE LIGHT FIXTURE BELOW THE GRID SYSTEM WITH NEW AIRCRAFT CABLING. PROVIDE NEW FIXTURE WHIPS FROM CEILING MOUNTED JUNCTION BOX. REFER TO 3/E900 FOR INSTALLATION DETAIL.
 - P1 EXISTING PANELBOARD NOT IN PROJECT SCOPE TO REMAIN AS IS.
 - P3 ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL SURFACE DIVIDED PLUGMOLD MULTIOUTLET SYSTEM EQUAL TO LEGRAND WIREMOLD 4000 SERIES IN IVORY WITH DEVICES AS SHOWN. COORDINATE HEIGHT OF WIREMOLD WITH FINAL FURNITURE LAYOUT.
 - P4 ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL NEW CORD DROP WITH NEMA 5-20P PLUG. CONFIRM FINAL NEMA CONFIGURATION WITH USER GROUP. PROVIDE CORD CONNECTORS/GRIPS/STRAIN RELIEF AS REQUIRED. HANG CORD DROP TO 6 FOOT AFF.
 - P5 ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL NEW 208Y/120V, 225A, 3P, MLO, PANEL L4G. PROVIDE NEW 225A BREAKER IN EXISTING SWITCHBOARD "L4G".
 - P10 ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL THREE(3) NEMA L6-20R RECEPTACLES FOR MAGNET POWER SUPPLIES. CONFIRM FINAL EQUIPMENT NEMA PLUG TYPE WITH EQUIPMENT VENDOR.
 - P11 WIREMOLD AT OPTICAL TABLE TO BE MOUNTED ABOVE AND BELOW THE GRID SYSTEM (GRID SYSTEM PROVIDED BY DIV 13 CONTRACTOR). REFER TO 3/E900 FOR INSTALLATION DETAIL. TOP CIRCUIT NUMBER REFERS TO WIREMOLD MOUNTED ABOVE GRID SYSTEM, BOTTOM CIRCUIT NUMBER REFERS TO WIREMOLD MOUNTED BELOW GRID SYSTEM.
 - P15 ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL #4 INSULATED GROUND WIRE TO UNDERSIDE OF GRID SYSTEM. BOND TO GROUND BAR IN NEW PANELBOARD L4G.
 - P16 ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL FOUR(4) NEMA L6-20R RECEPTACLES FOR MAGNET POWER SUPPLIES. CONFIRM FINAL EQUIPMENT NEMA PLUG TYPE WITH EQUIPMENT VENDOR.
 - S5 ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL A 4" SQUARE BOX WITH EXTENSION RING FOR A SINGLE GANG DEVICE. PROVIDE TWO(2) CAT6 CABLES AND JACKS UNLESS NOTED OTHERWISE. PROVIDE TWO(2) CAT6 CABLES AND CORD CONNECTORS/GRIPS/STRAIN RELIEF AS REQUIRED TO FEED NEW WORKSTATION. HANG NETWORK DROP TO 6 FOOT AFF.
 - S6 ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL NEW 1/8" STEEL LADDER RACK STYLE CABLE TRAY FROM COMPRESSOR ROOM TO LAB SPACE. COORDINATE FINAL CABLE TRAY REQUIREMENTS WITH EQUIPMENT VENDOR/OWNER.
 - S7 LOW VOLTAGE CONTRACTOR SHALL COORDINATE INSTALLATION/REINSTALLATION OF WIRELESS ACCESS POINT WITH DOT NS INFRASTRUCTURE MANAGER. REFER TO 5/E900 AND 6/E900 FOR WIRELESS ACCESS POINT INSTALLATION DETAILS.
 - S8 WAP MOUNTING LOCATION SHALL BE LOWERED TO, AT, OR BELOW PIPING, DUCTWORK, LIGHTING, ETC. IN THE AREA IF MOUNTING HEIGHT IS ABOVE 12'-0" AFF. THE DOT NS INFRASTRUCTURE PROJECT MANAGER NEEDS TO BE CONSULTED.
 - S10 LOW VOLTAGE CONTRACTOR SHALL COORDINATE NETWORK DROP FACEPLATE PROVIDED FOR DEDICATED WALL PHONE IN THIS LOCATION. FACEPLATE SHALL BE AS FLUSH TO THE WALL AS POSSIBLE.



CAMPUS LOCATOR MAP
NO SCALE



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UW Madison

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SHEET TITLE

NEW WORK ENLARGED PLANS - LEVEL 03 & LEVEL 04 - ELECTRICAL

REVISIONS:

1 9/5/24 Addendum 1

SCALE	VARIES
PROJECT NUMBER	0055-2346 / A-23-012
SET TYPE	BD
DATE ISSUED	AUG 16, 2024
SHEET NUMBER	E301

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KEYED NOTES

(KEYED NOTES PER PROJECT)

- EXISTING PANEL BOARD NOT IN PROJECT SCOPE TO REMAIN AS IS.
- ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL PIN & SLEEVE RECEPTACLE EQUAL TO HUBBELL HBL532R6W TO CONNECT TO 3P+N+E, 32A, 6H MALE CONNECTOR PROVIDED BY ATTOCUBE. CONFIRM FINAL CONFIGURATION WITH EQUIPMENT VENDOR.
- ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL TWISTLOCK PLUG AND RECEPTACLE FOR BLUEFORS COMPRESSOR. CONFIRM FINAL NEMA CONFIGURATION WITH EQUIPMENT VENDOR. REFER TO E301 FOR LOCATION OF 480V PANEL, 4H1 TO FEED BLUEFORS COMPRESSOR.
- ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL NEW 25A/3P BREAKER IN EXISTING GE, 480Y/277V, 3P, 125A, MLO PANEL 4H1 TO FEED BLUEFORS COMPRESSOR.
- ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL NEW 225A/3P BREAKER IN EXISTING SQUARE D, 208Y/120V, 3P, 800A, MLO PANEL L40P TO FEED NEW PANEL L4G.
- REFER TO CAMPUS LOCATOR MAP FOR APPROXIMATE ROOM LOCATION.

