

COMMUNITY COLLEGE OF ALLEGHENY COUNTY
PURCHASING DEPARTMENT
800 ALLEGHENY AVENUE, PITTSBURGH, PA 15233

ADDENDUM 4
BID PROPOSAL NO. 1148
BIOLOGY LAB RENOVATIONS – BOYCE CAMPUS
GENERAL, ELECTRICAL, HVAC, AND PLUMBING
MAY 15, 2026

The following additional information is hereby made a part of this bid:

See the attached, updated low voltage drawings: E301, E302, E303, E304, E401, E402, E403, E404

CHANGE HARDWARE SETS AT DOORS S607 AND S609A TO SET #1.

Clarifications:

Structural for HVAC equipment - the GC owns the work documented in the S-series drawings.

Commissioning agent – CCAC will provide a commissioning agent so this can come out of the MC contract.

Contact for ATC provider - Previous RFI response stated JCI but a contact will not be provided at this time.

End of Addendum 4

Sign addendum and return to the College with your response.

Company Name

Bidder's Signature

GENERAL NOTES - UNDERFLOOR WORK

- 1 CONTRACTOR SHALL PROVIDE A PHASING PLAN OF ALL WORK AREAS FOR REVIEW BY THE OWNER PRIOR TO CEILING REMOVAL. OBTAIN WRITTEN APPROVAL FROM OWNER PRIOR TO START OF WORK.
- 2 CONTRACTOR SHALL PROVIDE DUST CONTAINMENT ENCLOSURE AT EACH PHASE OF WORK.
- 3 COORDINATE WORK WITH ALL PRIME CONTRACTORS TO OCCUR OVER SUMMER AND HOLIDAY BREAKS AND WEEKENDS TO MINIMIZE DISRUPTION TO STUDENT SERVICES.

SECURITY GENERAL NOTES

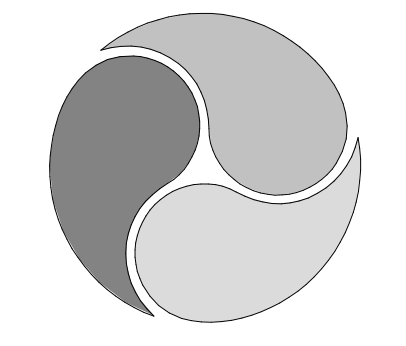
- 1 EXISTING SECURITY SYSTEM, LEVEL 7.6 WITH PLANNED UPGRADE TO LEVEL 8.2 IN 2027. CONNECT ALL DOORS TO DATA CLOSET S656.
- 2 CARD READERS, MUST SUPPORT HID 125KHz PROXIMITY CARDS. VENDOR TO PROVIDE ONE LEVEL READER LICENSE PER CONTROLLED DOOR.
- 3 ACCESS CONTROL PANELS SHALL BE WALL-MOUNTED IN S656 AND POWERED VIA THE CENTRAL UPS-BACKED ELECTRICAL CIRCUIT.
- 4 INTEGRATE NEW ELECTRONIC SECURITY SYSTEM DEVICES, BUILDING FIRE ALARM, INTRUSION ALARM, AND BUILDING AUTOMATION SYSTEMS IN ACCORDANCE WITH APPLICABLE LIFE SAFETY CODES. COORDINATE SYSTEMS LOCATIONS WITH LOCAL CLIENT REPRESENTATIVES.
- 5 THE CONTRACTOR SHALL EVALUATE EXISTING SECURITY SYSTEMS AND COORDINATE WITH MANUFACTURERS, LOCAL CCAC REPRESENTATIVES, AND SERVICE PROVIDERS TO FINALIZE REQUIREMENTS AND DEVELOP SHOP DRAWINGS TO EXECUTE THE WORK.

COMMUNICATIONS GENERAL NOTES

- 1 THE DIVISION 27 COMMUNICATIONS SPECIFICATIONS OUTLINE THE PROJECT PERFORMANCE REQUIREMENTS AND SHALL BE USED IN COMBINATION WITH THE CONSTRUCTION DRAWINGS TO PROVIDE A COMPLETE INFORMATION AND COMMUNICATIONS TECHNOLOGY CABLING INFRASTRUCTURE, READY FOR USE, POWERED EQUIPMENT AND ELECTRONIC DEVICES NOT IN CONTRACTOR SCOPE UNLESS NOTED OTHERWISE.
- 2 THE DRAWINGS ARE DIAGNOSTIC, INTENDED TO CONVEY THE SCOPE OF WORK AND GENERAL ARRANGEMENTS OF WORK AREA OUTLETS AND SUBSYSTEMS. COORDINATE WORK WITH FURNITURE, LOCAL CLIENT REPRESENTATIVES, AND OTHER DISCIPLINES TO MEET THE DESIGN INTENT OF BEING PRACTICAL AND READILY ACCESSIBLE.
- 3 PATHWAYS PENETRATING FIRE-RATED BARRIERS SHALL BE SELF-SEALING UL LISTED MECHANICAL ASSEMBLIES RATED FOR USE AND THAT ALLOW RE-ENTRY WITHOUT THE NEED FOR FIRE-STOP PILLOWS, CAULK, PUTTY, ETC. CONTRACTOR SHALL SEAL USED AND UNUSED PENETRATIONS ALONG CABLING ROUTES.
- 4 UTILIZE EXISTING CODE COMPLIANT PATHWAYS TO THE EXTENT POSSIBLE AND PROVIDE NEW AS NOTED ON DRAWINGS, AND AS NECESSARY TO COMPLETE THE WORK PER INDUSTRY BEST PRACTICES. OPEN-TOP STRUCTURALLY SUPPORTED J-HOOKS APPROVED AS SUPPLEMENTAL MEANS IN WORK AREAS.
- 5 COORDINATE EXISTING TELECOMMUNICATIONS LOCATION WITH LOCAL CLIENT REPRESENTATIVE. ENSURE TERMINATED WORK AREA OUTLET CABLING DOES NOT EXCEED 90 METERS.
- 6 REINSTALL EXISTING WORK AREA COMMUNICATIONS CABLING FROM EXISTING TELECOMMUNICATIONS ROOM TO NEW WORK AREA OUTLET LOCATIONS AND PROVIDE NEW TERMINATION COMPONENTS.
- 7 PROVIDE NEW CABLING AND COMPONENTS FROM EXISTING TELECOMMUNICATIONS ROOM S411 (4TH FLOOR) TO WORK AREA OUTLETS AS NECESSARY TO COMPLETE WORK. TERMINATE CABLES ON NEW 48-PORT PATCH PANELS IN THE TELECOMMUNICATIONS ROOM.
- 8 COORDINATE WIRELESS ACCESS POINT LOCATIONS WITH OTHER DISCIPLINES TO AVOID CONFLICT WITH OTHER BUILDING ELEMENTS.
- 9 COORDINATE SPEAKER LOCATIONS WITH OTHER DISCIPLINES TO AVOID CONFLICT WITH OTHER BUILDING ELEMENTS.
- 10 NOT APPLICABLE.

COMMUNICATIONS KEY NOTES

- 1 PROVIDE 1 1/2" CONDUIT, BACKBOX, AND PULL THROUGH COVER PLATE FOR SMART BOARD CONNECTION. CONDUIT STUB SHALL TERMINATE ABOVE CEILING. SEE DETAIL 1 ON SHEET E409 FOR WALL ELEVATION.
- 2 PRESENTER DESK: PROVIDE TWO 4-GANG AUDIO-VISUAL BACKBOXES WITH ONE 1-1/2" CONDUIT EACH. CONDUIT STUB SHALL TERMINATE ABOVE CEILING. SEE DETAIL 1 ON SHEET E403 FOR FACEPLATE DETAIL. SEE ARCHITECTURAL DRAWINGS FOR FURNITURE DETAILS.
- 3 PRESENTER DESK: PROVIDE ONE 4-GANG AUDIO-VISUAL BACKBOX WITH ONE 1-1/2" CONDUIT TERMINATED ABOVE CEILING AND ONE 1-1/2" CONDUIT TERMINATED TO A FLOOR BOX AT THE INSTRUCTOR LAB DESK. SEE ARCHITECTURAL DRAWINGS FOR FURNITURE AND CUBBY DETAILS.
- 4 PROVIDE 2 X 2' DROP-IN FOR CEILING MOUNTED AUDIO-VISUAL SPEAKERS (TYPICAL). LOCATION SHALL BE FIELD VERIFIED AND CONFIRMED WITH OWNER.
- 5 PROVIDE CEILING MOUNTED AUDIO-VISUAL CAMERAS. LOCATION SHALL BE FIELD VERIFIED AND CONFIRMED WITH OWNER.
- 6 REPOSITION EXISTING MAGNETIC DOOR HOLD OPEN DEVICES TO FUNCTION WITH NEW DOORS.
- 7 WALL PHONE OUTLET MOUNTED AT +42" AFF TO CENTER.
- 8 REINSTALL OWNER FURNISHED PAGING SPEAKER USING EXISTING WIRING TAGGED FOR REUSE IN SAME LOCATION.



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BID DOCUMENTS

NO	DATE	REVISION
1	5/14/2026	ADDENDUM 4

PROFESSIONAL:

PROJECT NAME:
CCAC BIOLOGY LAB
RENOVATIONS BOYCE
CAMPUS

595 Beatty RD, Monroeville PA
15146

DRAWING TITLE:
PARTIAL SIXTH FLOOR
SYSTEMS PLAN

DRAWN BY: JC
CHECKED BY: DF
PROJ. NO: CCAC-008
DATE: 04/14/2026
DRAWING NO:

E301

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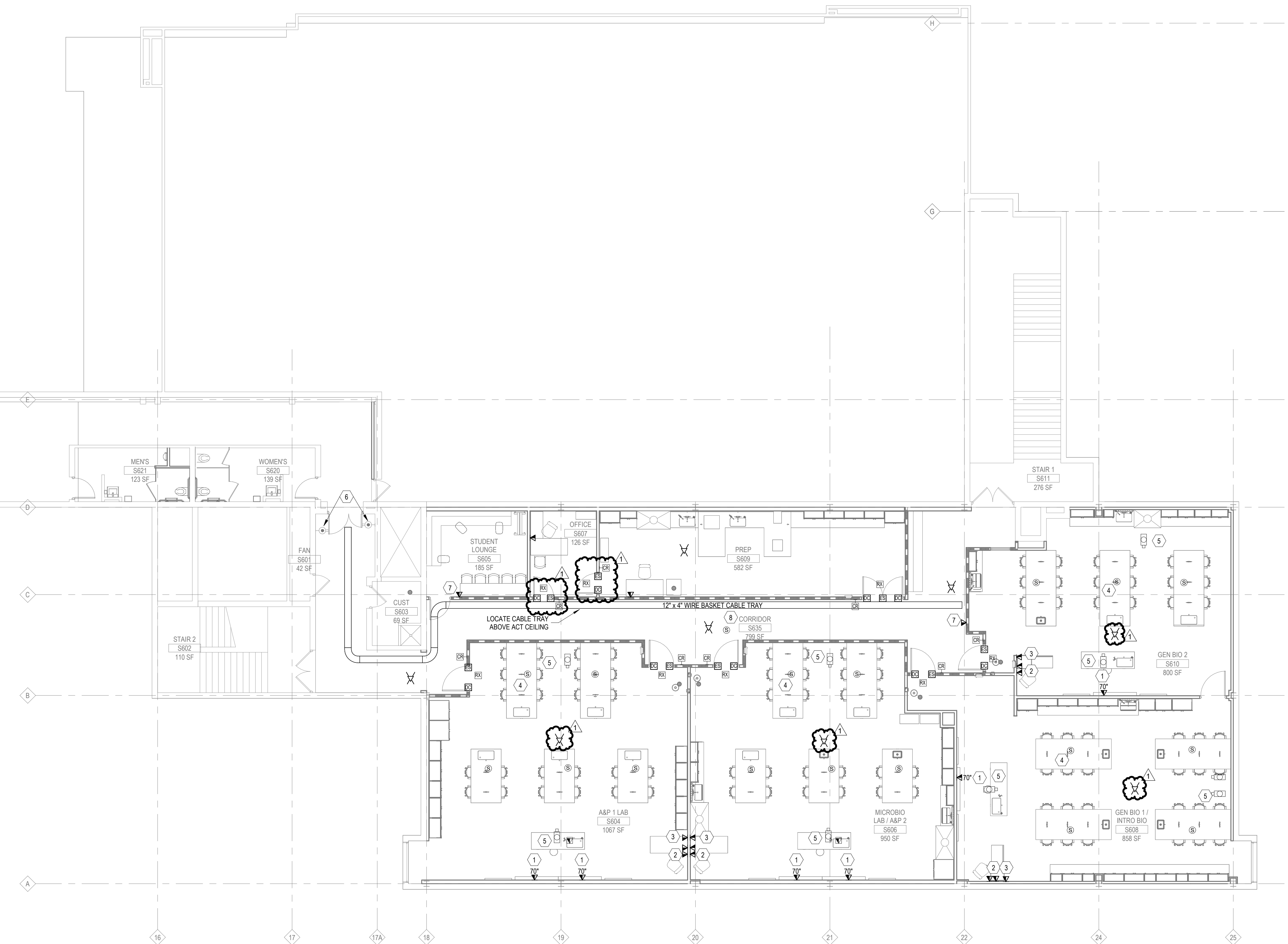
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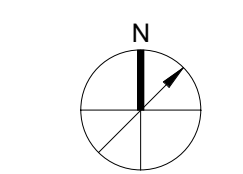
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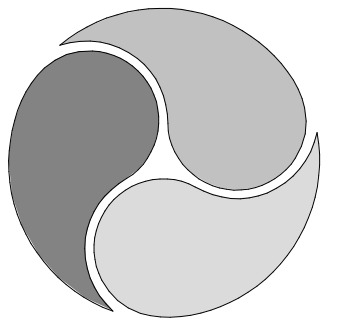


1 PARTIAL SIXTH FLOOR SYSTEMS PLAN
1/8" = 1'-0"

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SHEET NOTE
 1. WHOLE FLOOR PLAN SHOWN FOR COORDINATION PURPOSES ONLY.



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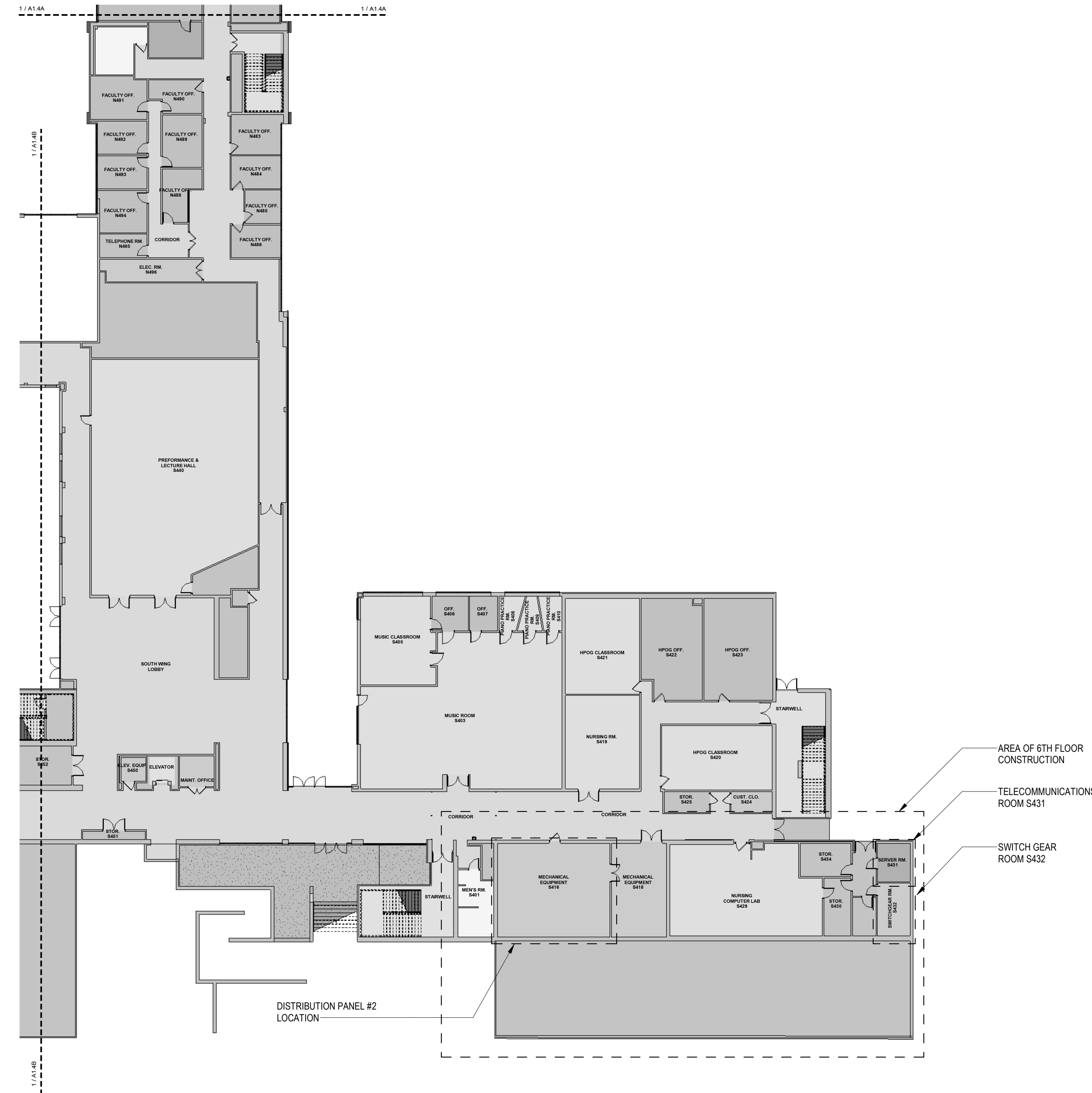
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1 4TH FLOOR PLAN VIEW
 NOT TO SCALE

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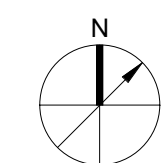
PROFESSIONAL:

PROJECT NAME:
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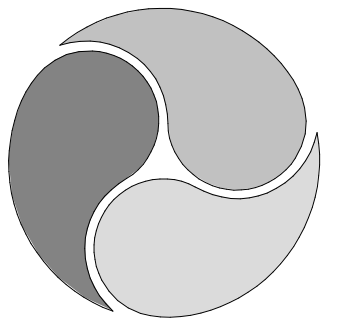
DRAWING TITLE:
**FOURTH FLOOR PLAN
 VIEW**

DRAWN BY: JC
 CHECKED BY: DF
 PROJ. NO: CCAC-006
 DATE: 04/14/2026
 DRAWING NO:



E302

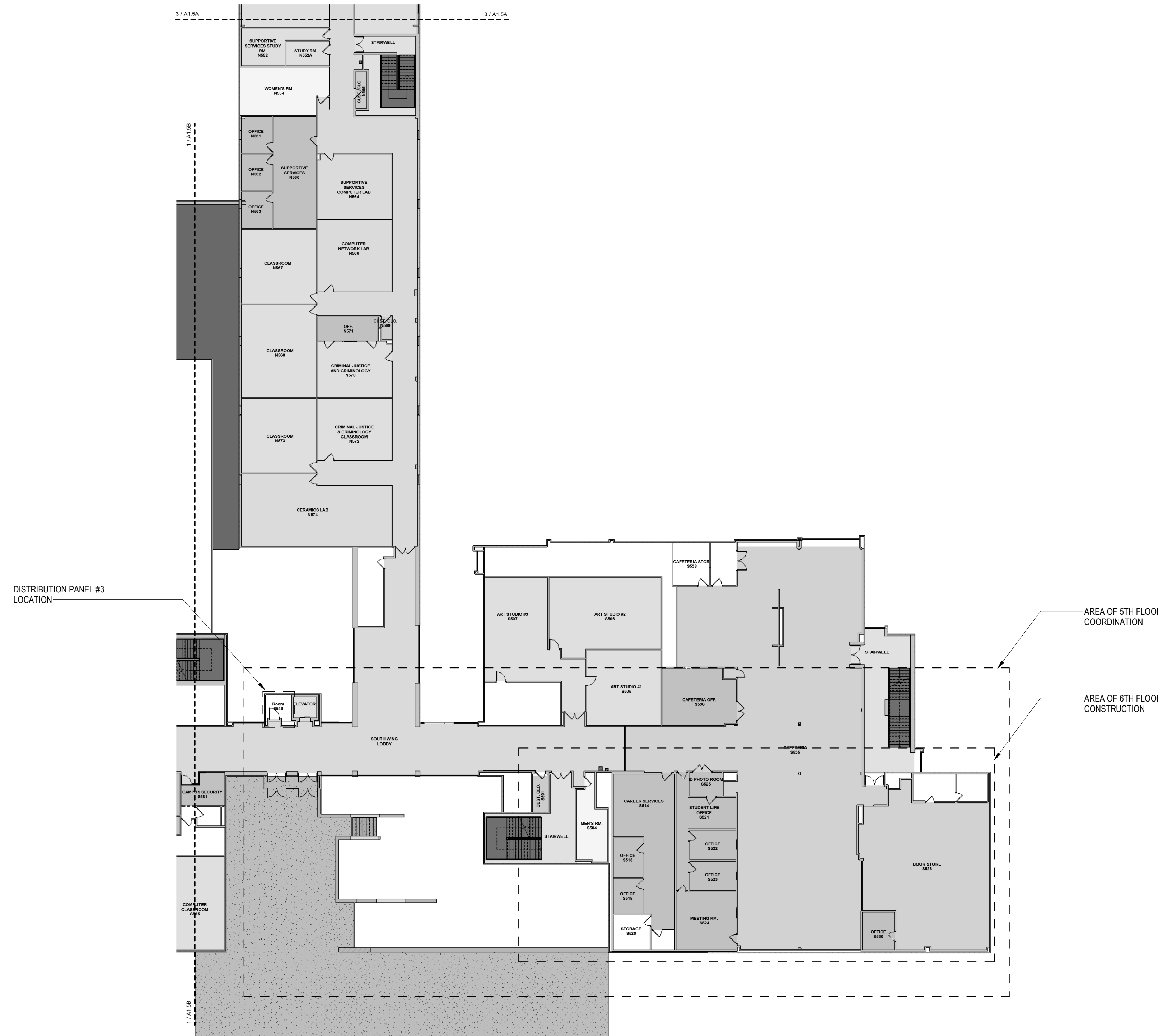
SHEET NOTE
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1 5TH FLOOR PLAN VIEW
 NOT TO SCALE

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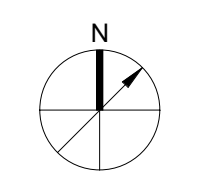
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PROJECT NAME:
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DRAWING TITLE:
FIFTH FLOOR PLAN VIEW

DRAWN BY: JC
 CHECKED BY: DF
 PROJ. NO: CCAC-006
 DATE: 04/14/2026
 DRAWING NO:



E303

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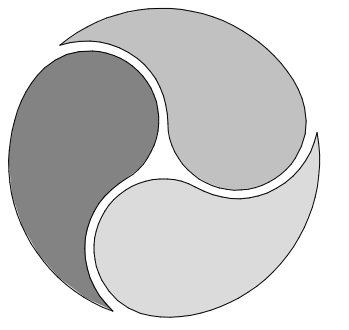
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SHEET NOTE
 1" WHOLE FLOOR PLAN SHOWN FOR COORDINATION PURPOSES ONLY.



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DRAWING TITLE:
**SIXTH FLOOR PLAN
 VIEW**

DRAWN BY: JC
 CHECKED BY: DF
 PROJ. NO: CCAC-006
 DATE: 04/14/2026
 DRAWING NO:

E304

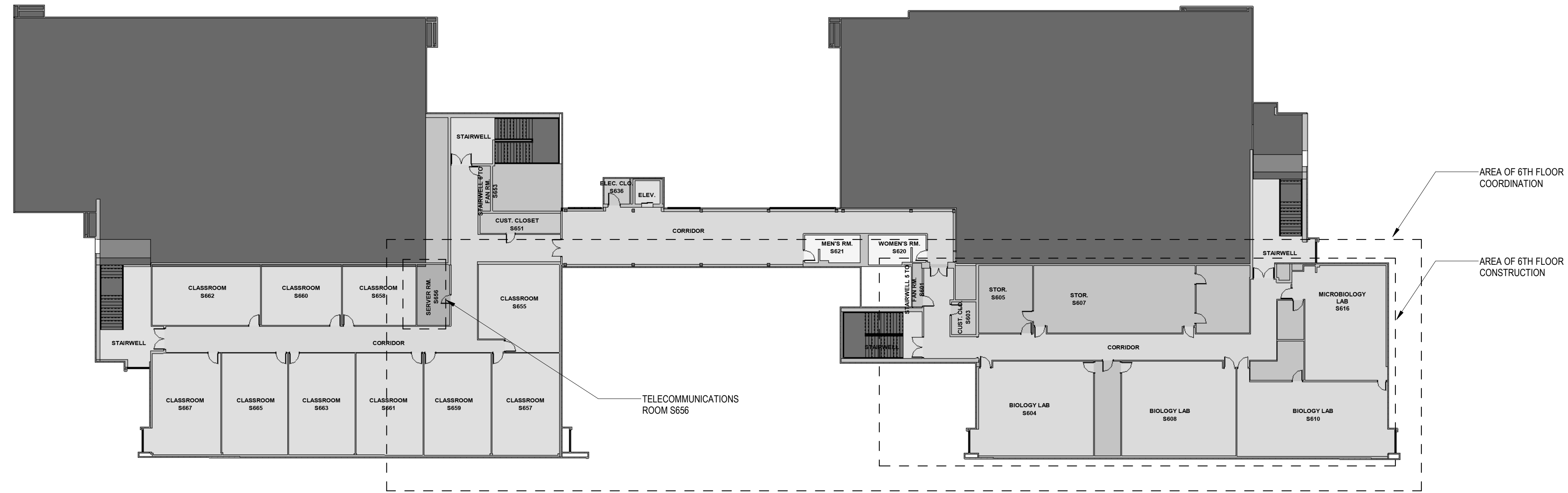
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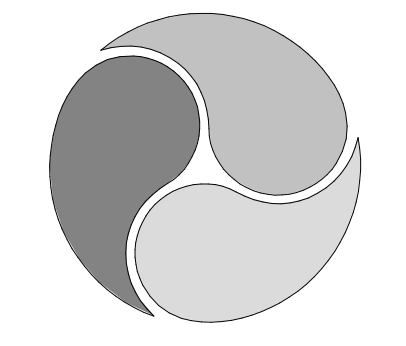
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1 6TH FLOOR PLAN VIEW
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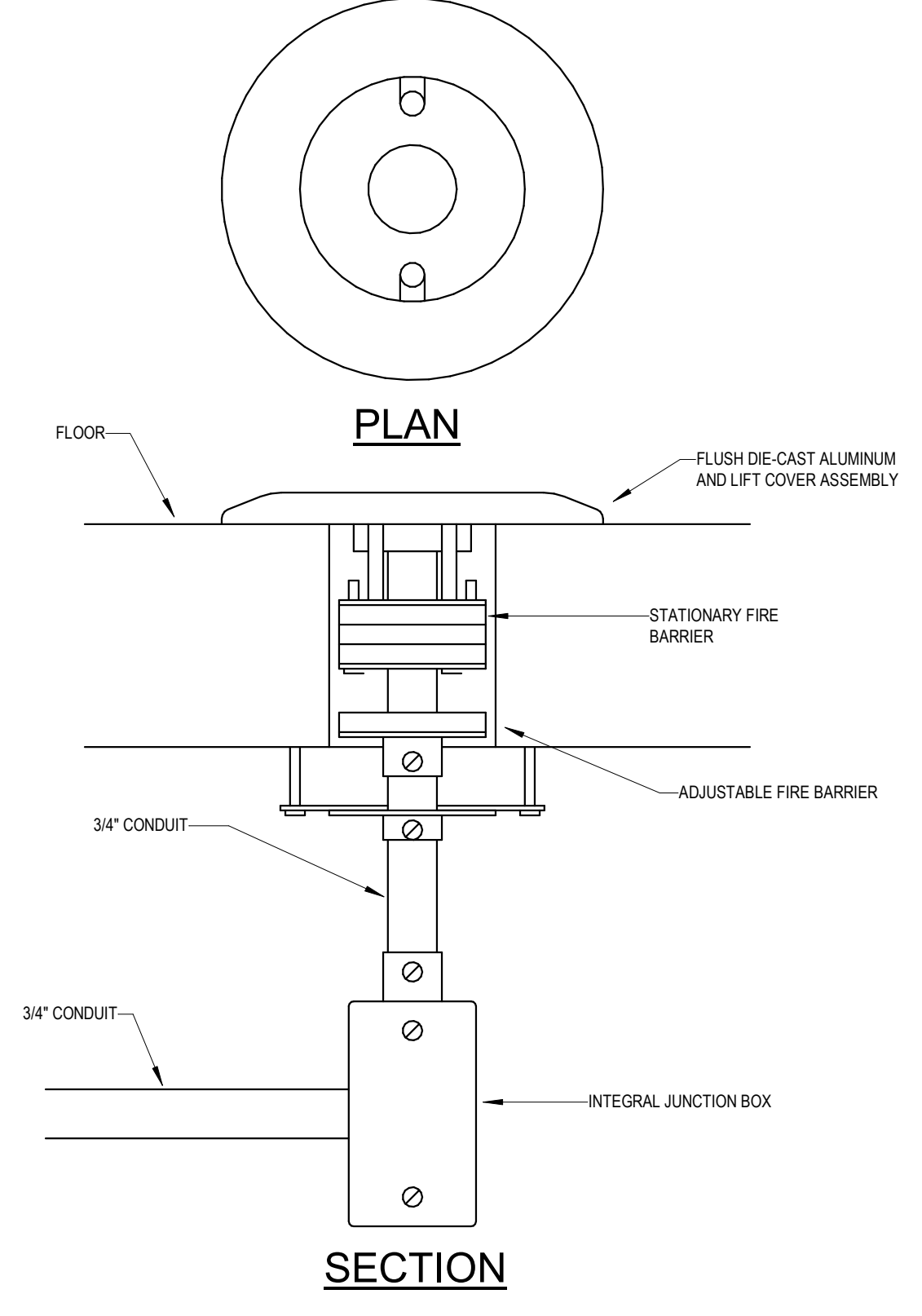
PROJECT NAME:
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DRAWING TITLE:
ELECTRICAL DETAILS

DRAWN BY: JC
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E401



- NOTES:
1. PRIOR TO CORE DRILLING THROUGH THE CONCRETE SLAB, VERIFY THE LOCATION WITH THE EXISTING STRUCTURE BELOW TO ASSURE THE PENETRATION DOES NOT DAMAGE TO THE EXISTING STEEL FRAMING (JOISTS) AND ASSOCIATED BRIDGING.
 2. ADJACENT PENETRATIONS (NEW OR EXISTING) SHALL NOT OCCUR WITHIN 5- FEET IN EITHER DIRECTION OF THE PROPOSED LOCATION WITHOUT WRITTEN APPROVAL FROM THE ARCHITECT/ENGINEER.
 3. PROVIDE POKETHROUGH WITH 1-1/2\"/>

7 POKETHROUGH DETAIL

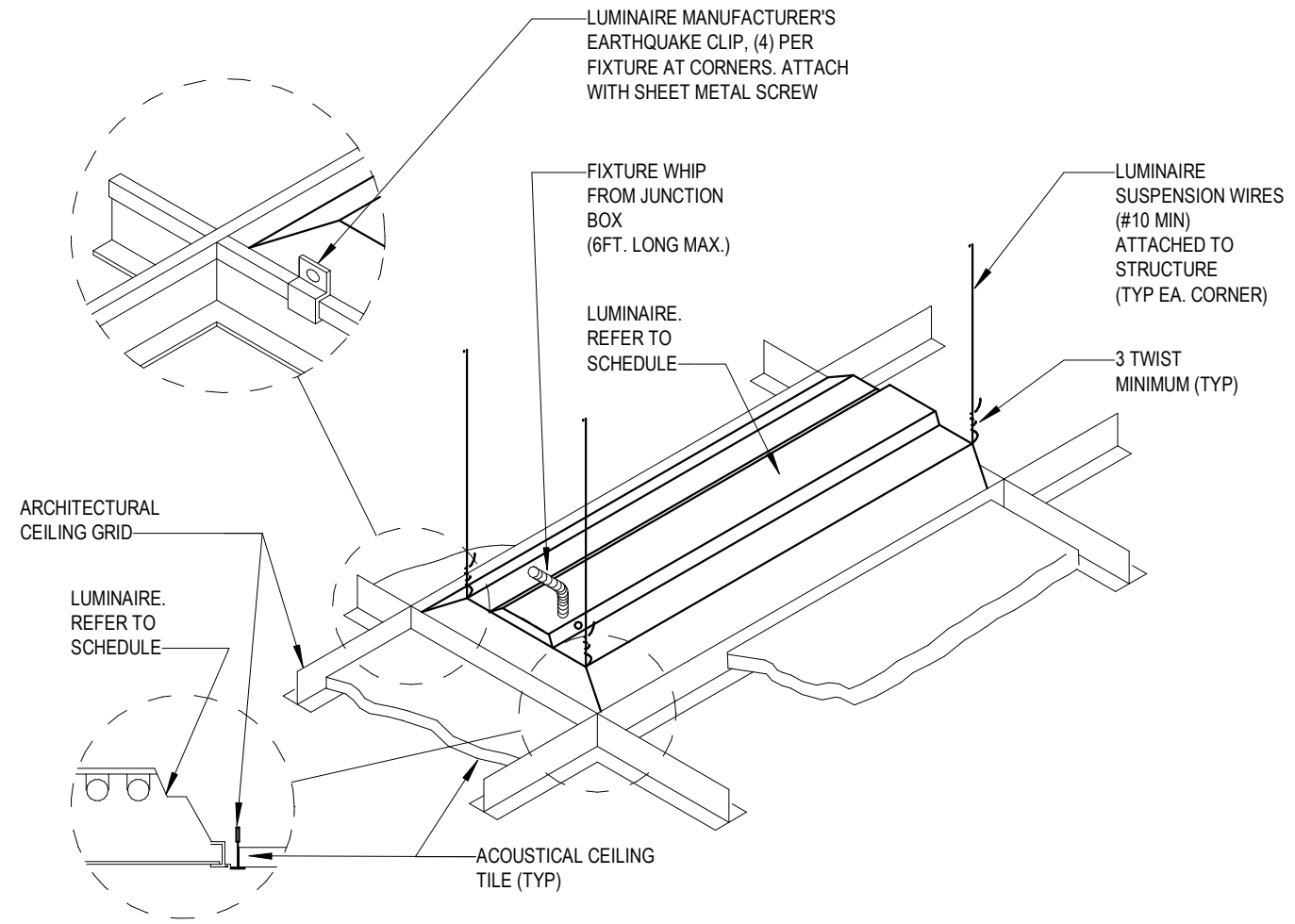
NOT TO SCALE

4\"/>	
VOLTAGE 208Y / 120V	VOLTAGE 480Y / 277V
PHASE A BLACK	PHASE A BROWN
PHASE B RED	PHASE B ORANGE
PHASE C BLUE	PHASE C YELLOW
NEUTRAL WHITE	NEUTRAL GRAY

- NOTES:
1. LABEL SHALL BE DISPLAYED ON ALL SWITCHBOARDS, PANELBOARDS, TRANSFER SWITCHES AND PULLBOXES (MULTIPLE VOLTAGES).
 2. NAMEPLATE SHALL BE WHITE LETTERING ON BLACK MICARTA.
 3. IF ONLY ONE VOLTAGE IS PRESENT, LABEL SHALL INDICATE ONLY THAT RESPECTIVE VOLTAGE.

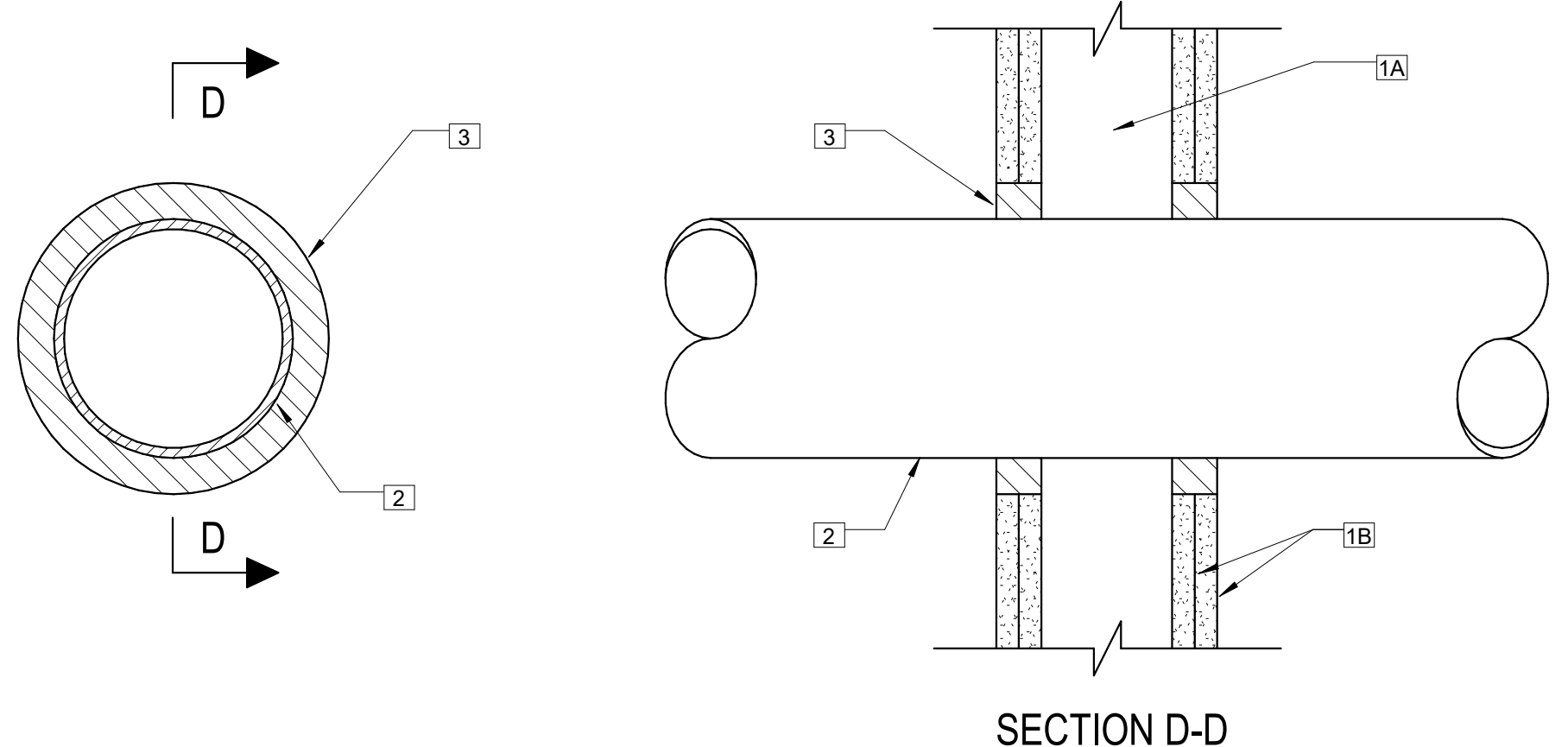
8 BRANCH WIRING IDENTIFICATION

NOT TO SCALE



5 LUMINAIRE MOUNTING - LAY-IN CEILING

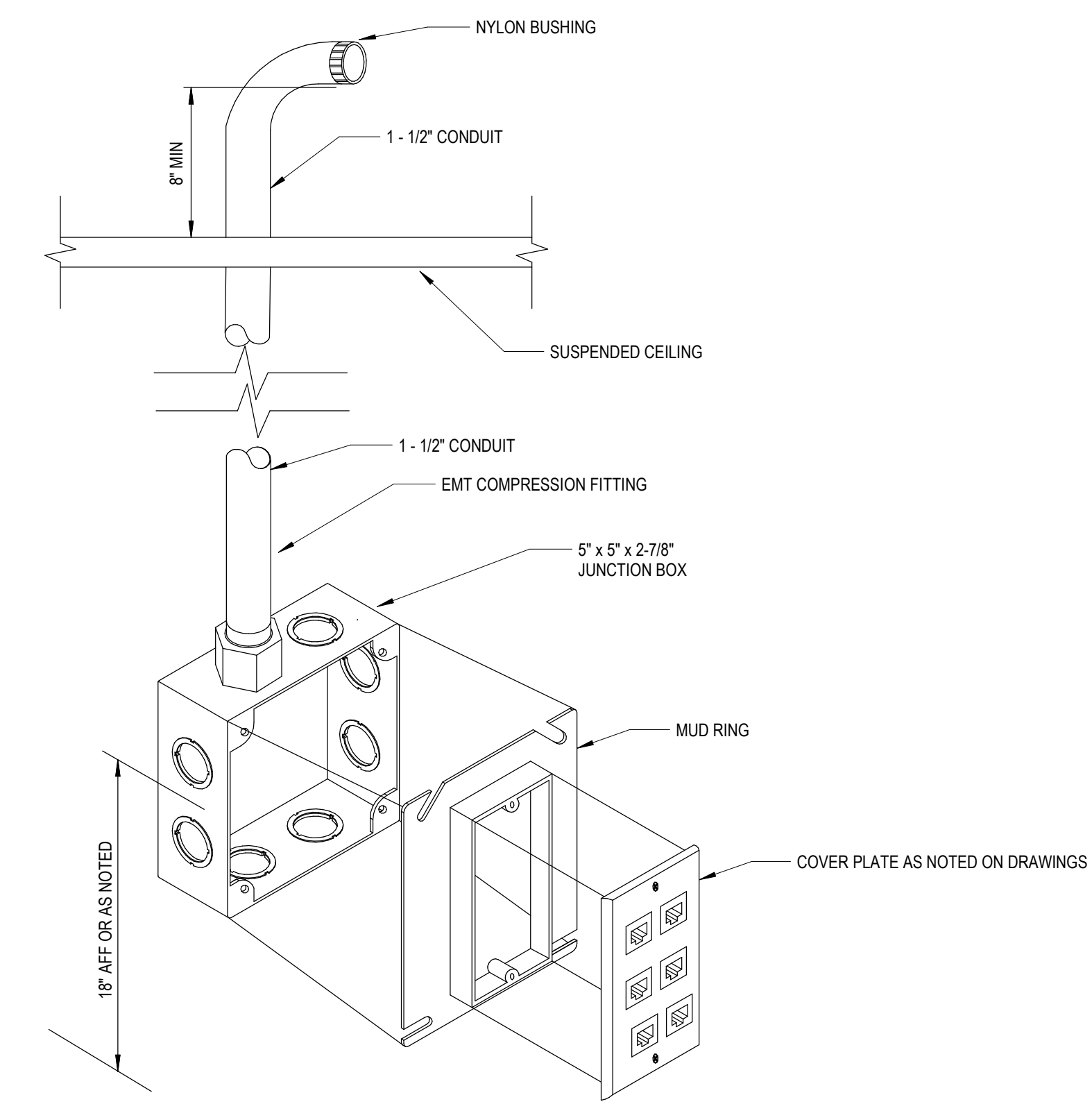
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1. WALL ASSEMBLY - THE 1 OR 2 HR FIRE-RATED GYPSUM WALL BOARD(S) TO WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL LOAD OR LOAD SERIES WALL AND PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
 A. STUDS - WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2\"/>
2. THROUGH-PENETRANTS - ONE METALLIC PIPE, CONDUIT OR TUBING TO BE INSTALLED EITHER CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. THE ANNULAR SPACE SHALL BE MIN 1/4\"/>
3. FILL VOID OR CAVITY MATERIAL - SEALANT - MIN 5/8\"/>

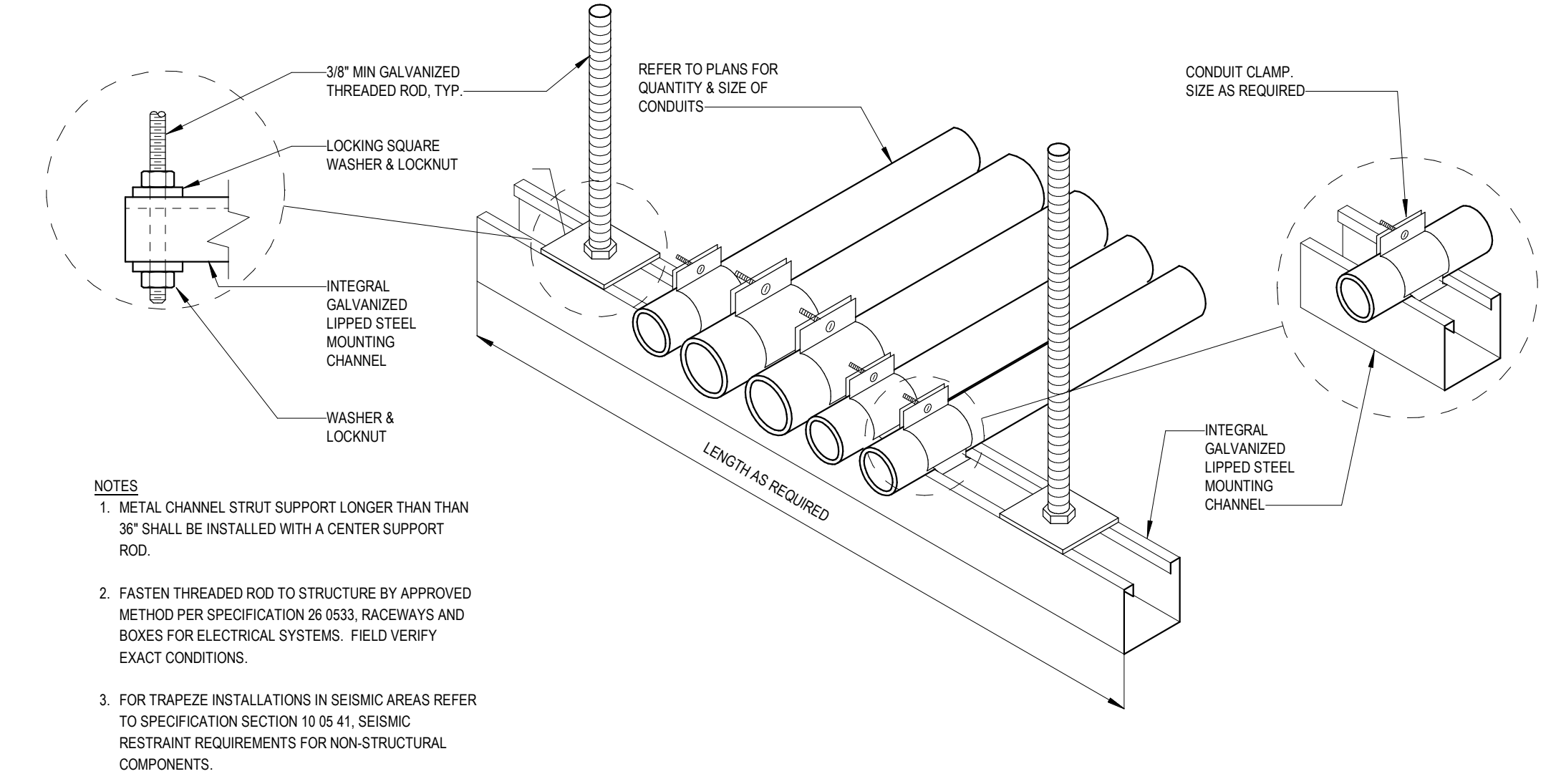
2 CONDUIT THROUGH FIRE RATED DRYWALL PARTITION

NOT TO SCALE



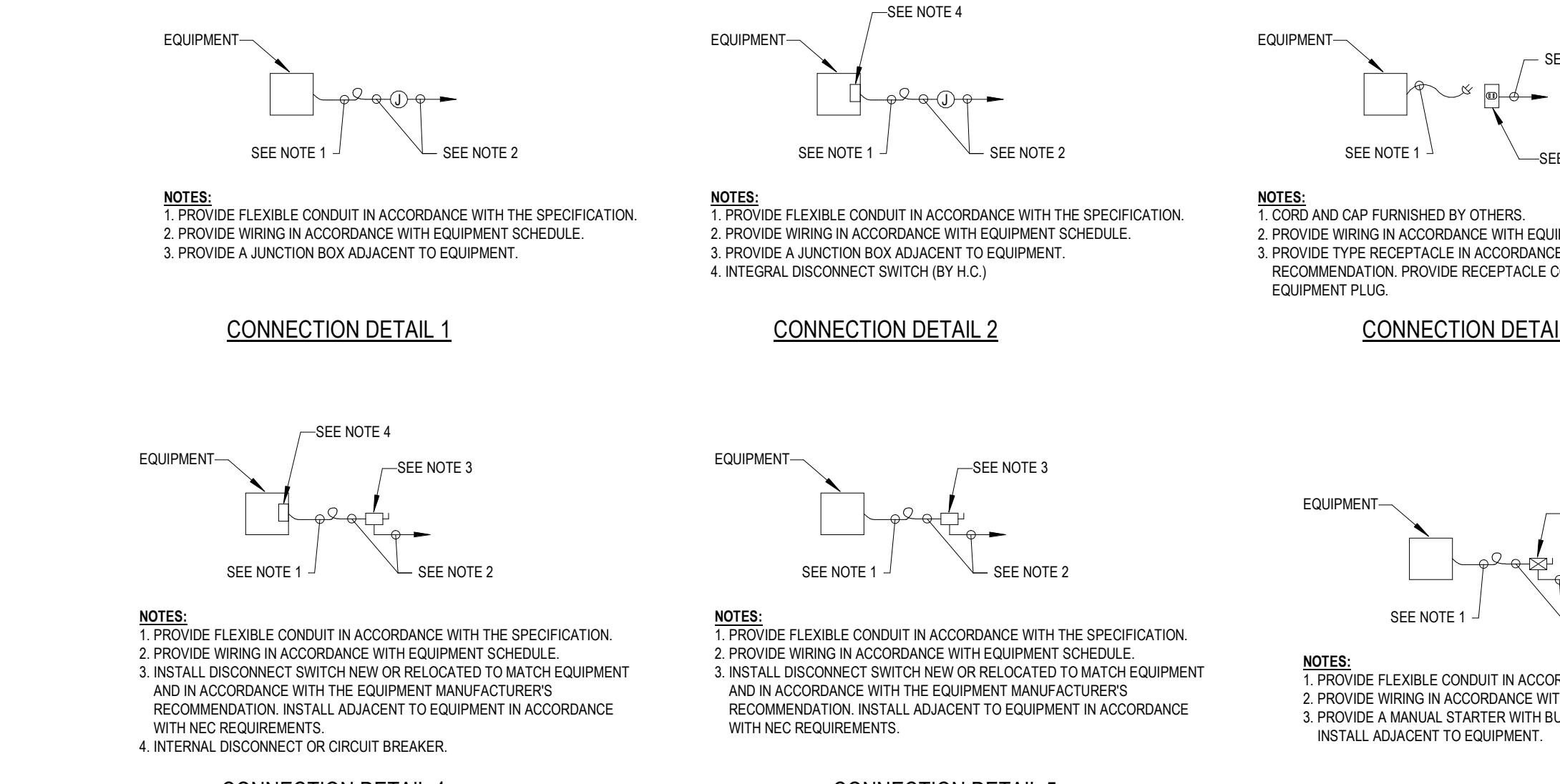
7 WAO ROUGH-IN DETAIL

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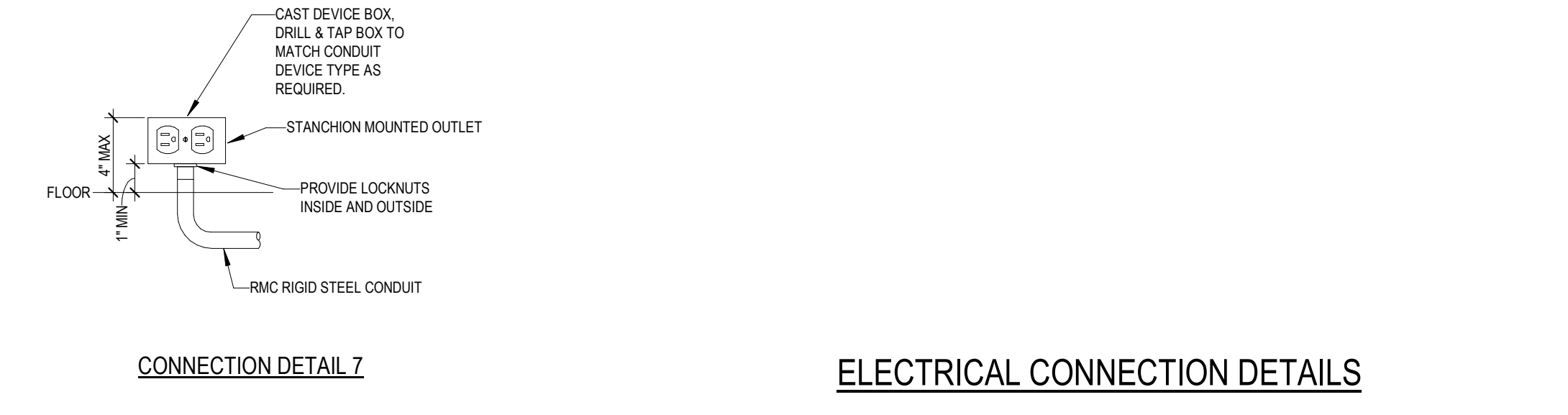
4 CONDUIT TRAPEZE MOUNTING DETAIL

NOT TO SCALE



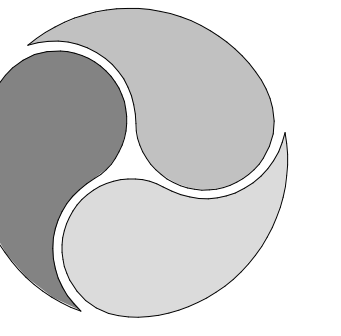
1 ELEC CONNECTION DETAILS

NOT TO SCALE



3 CONDUIT THROUGH CONCRETE WALL - FLOOR ASSEMBLY

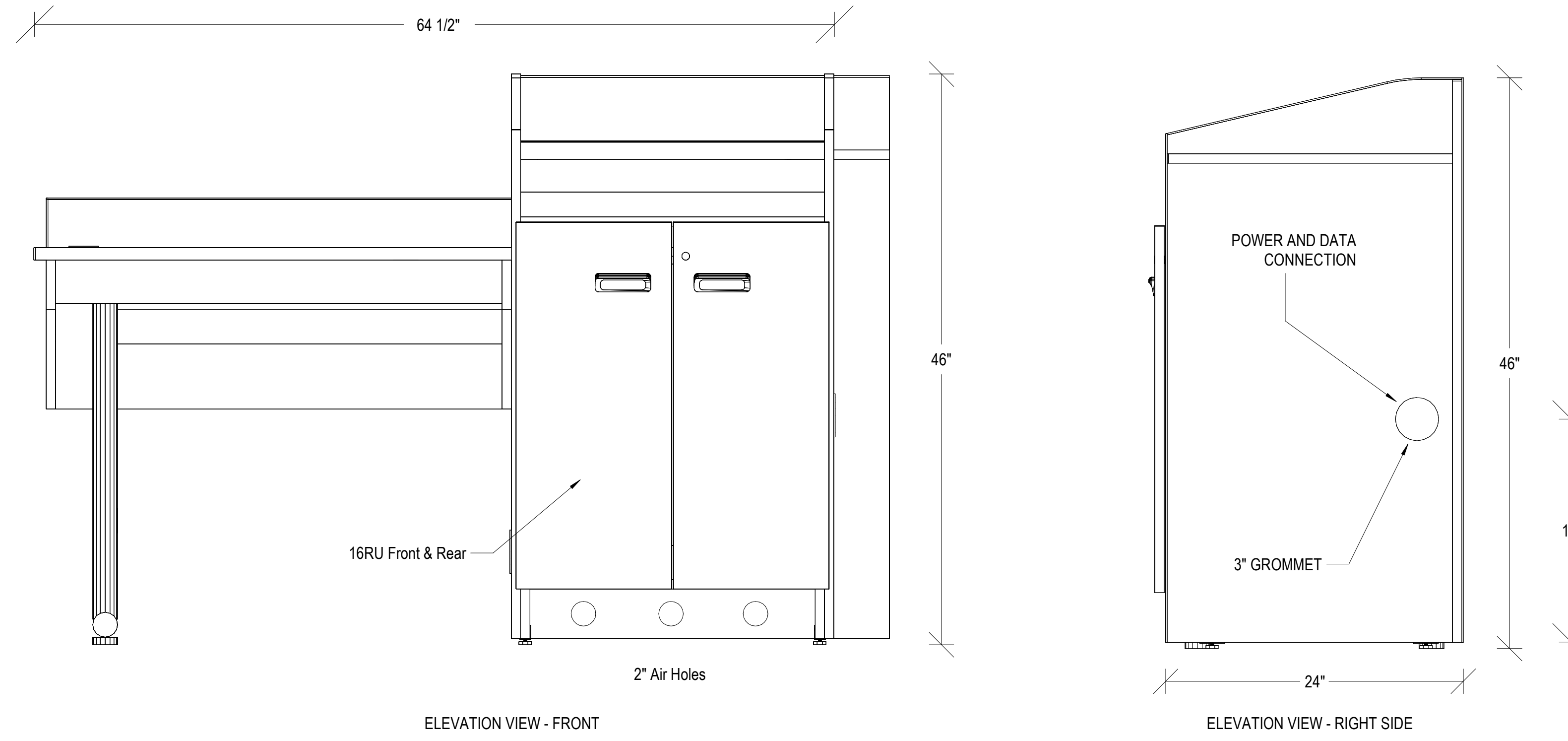
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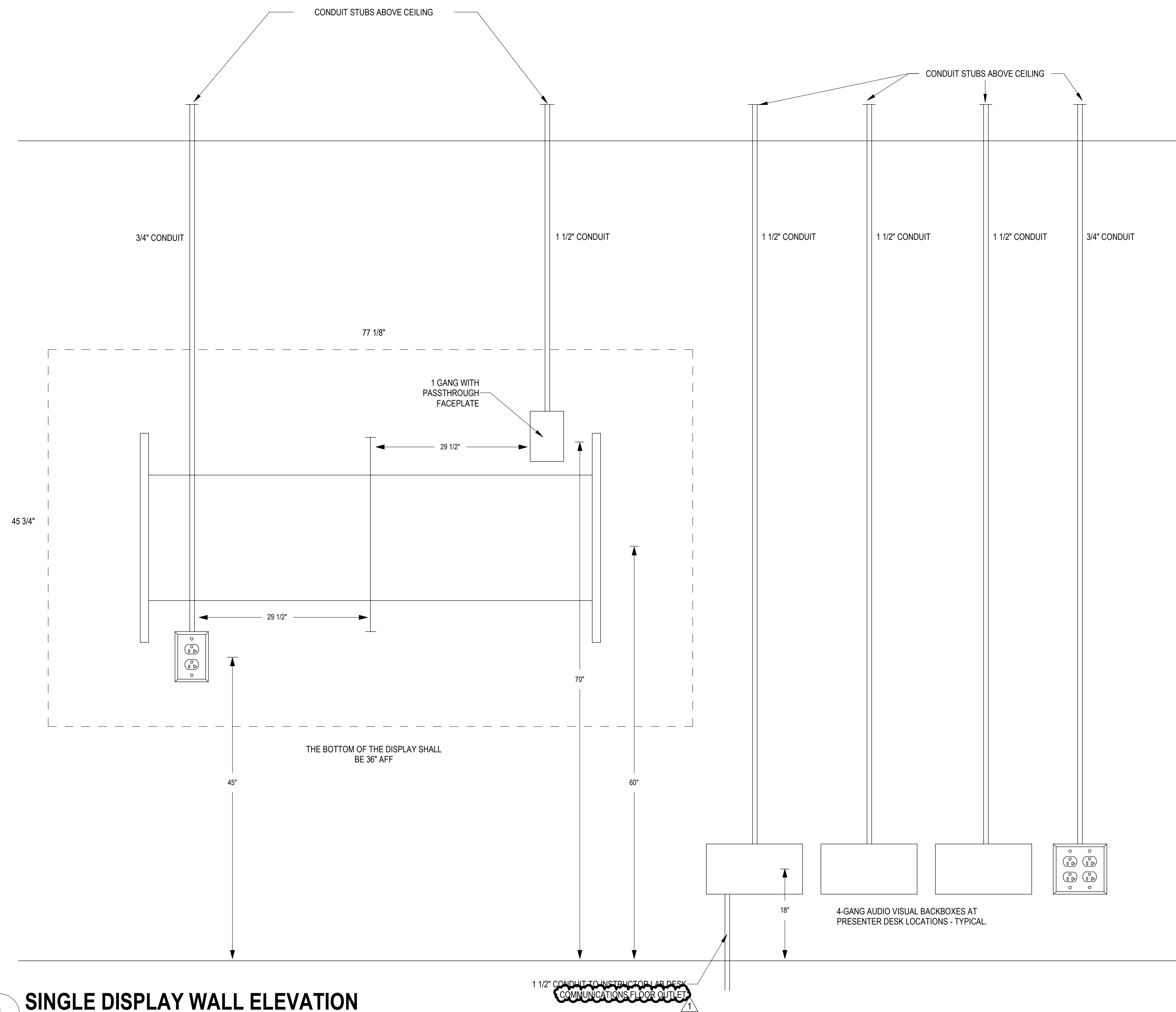
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2 PRESENTER DESK ELEVATION
NOT TO SCALE
NOTE: SHOWN FOR COORDINATION PURPOSES ONLY.



1 SINGLE DISPLAY WALL ELEVATION
NOT TO SCALE

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DRAWING TITLE: ELECTRICAL DETAILS

DRAWN BY: JC
CHECKED BY: DF
PROJ. NO: CCAC-006
DATE: 04.14.2026
DRAWING NO:

E402

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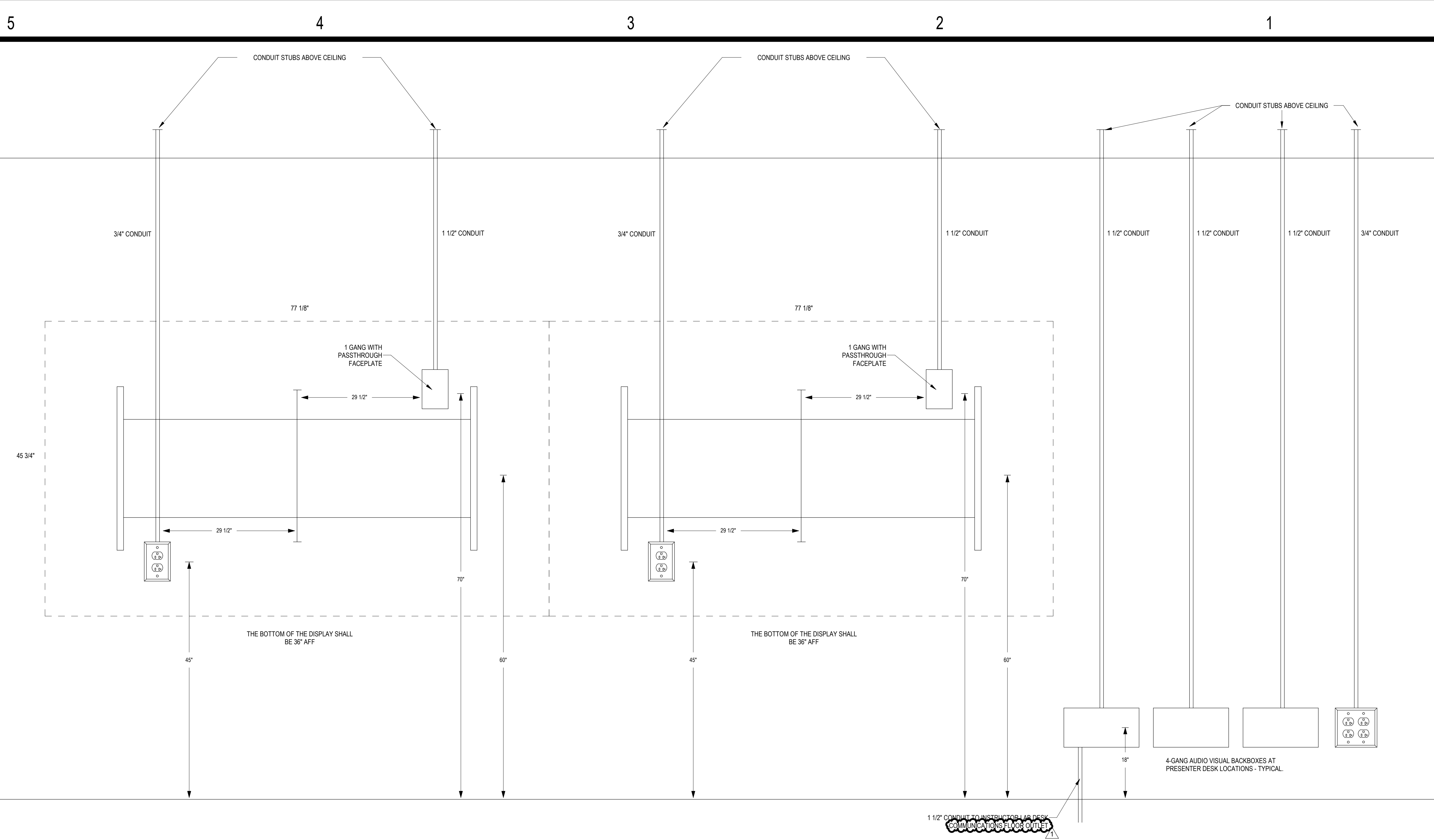
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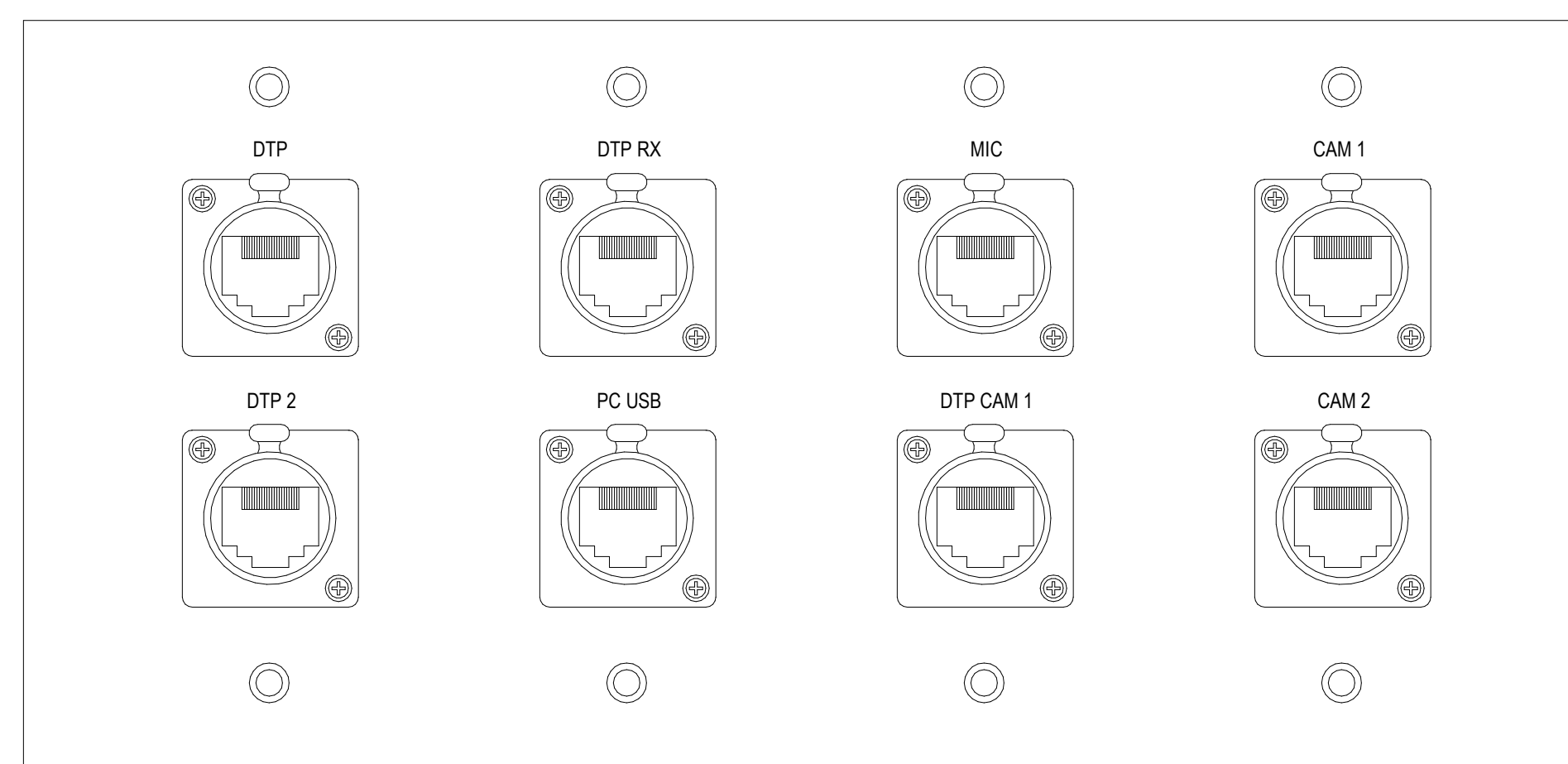
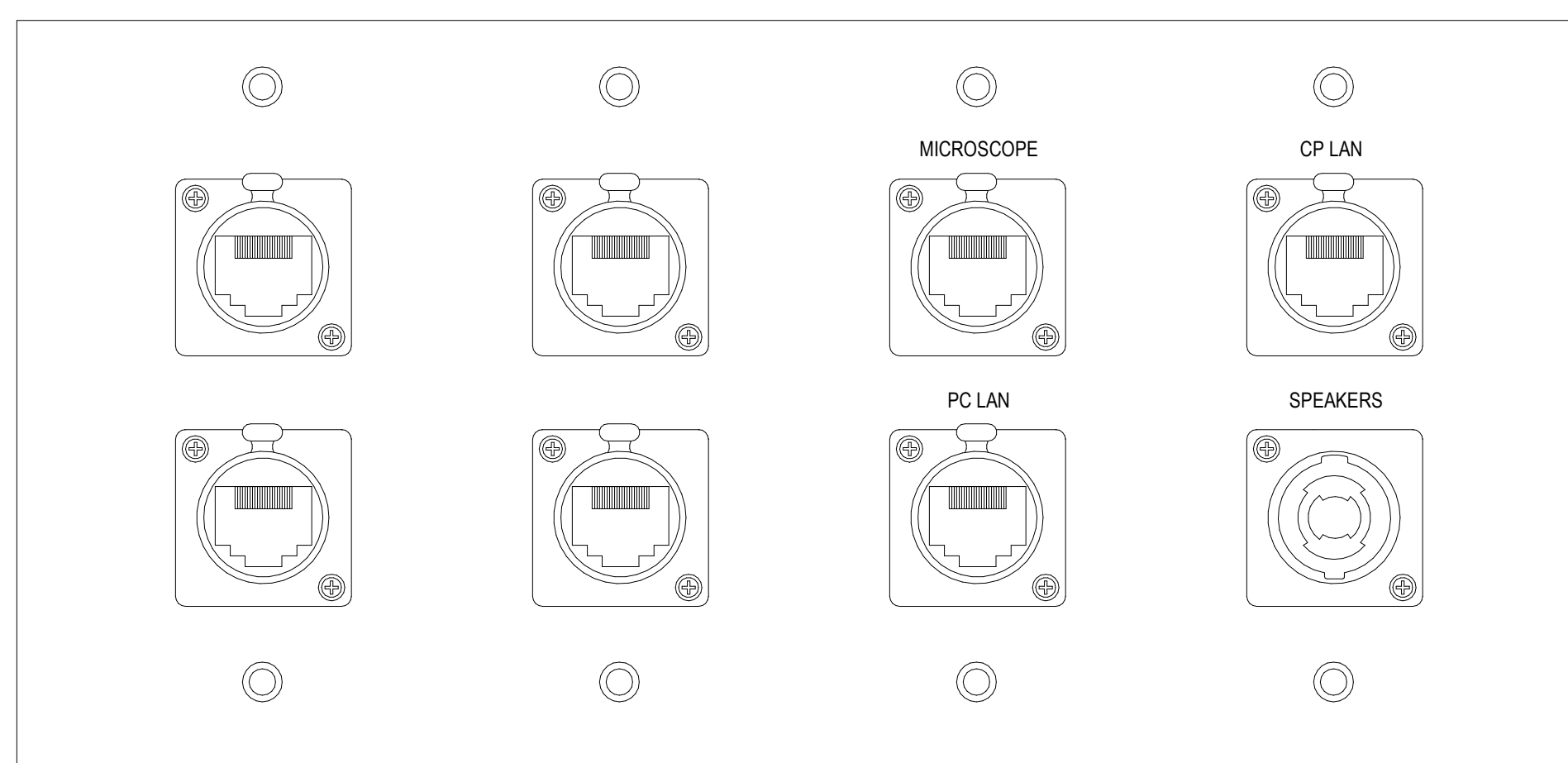
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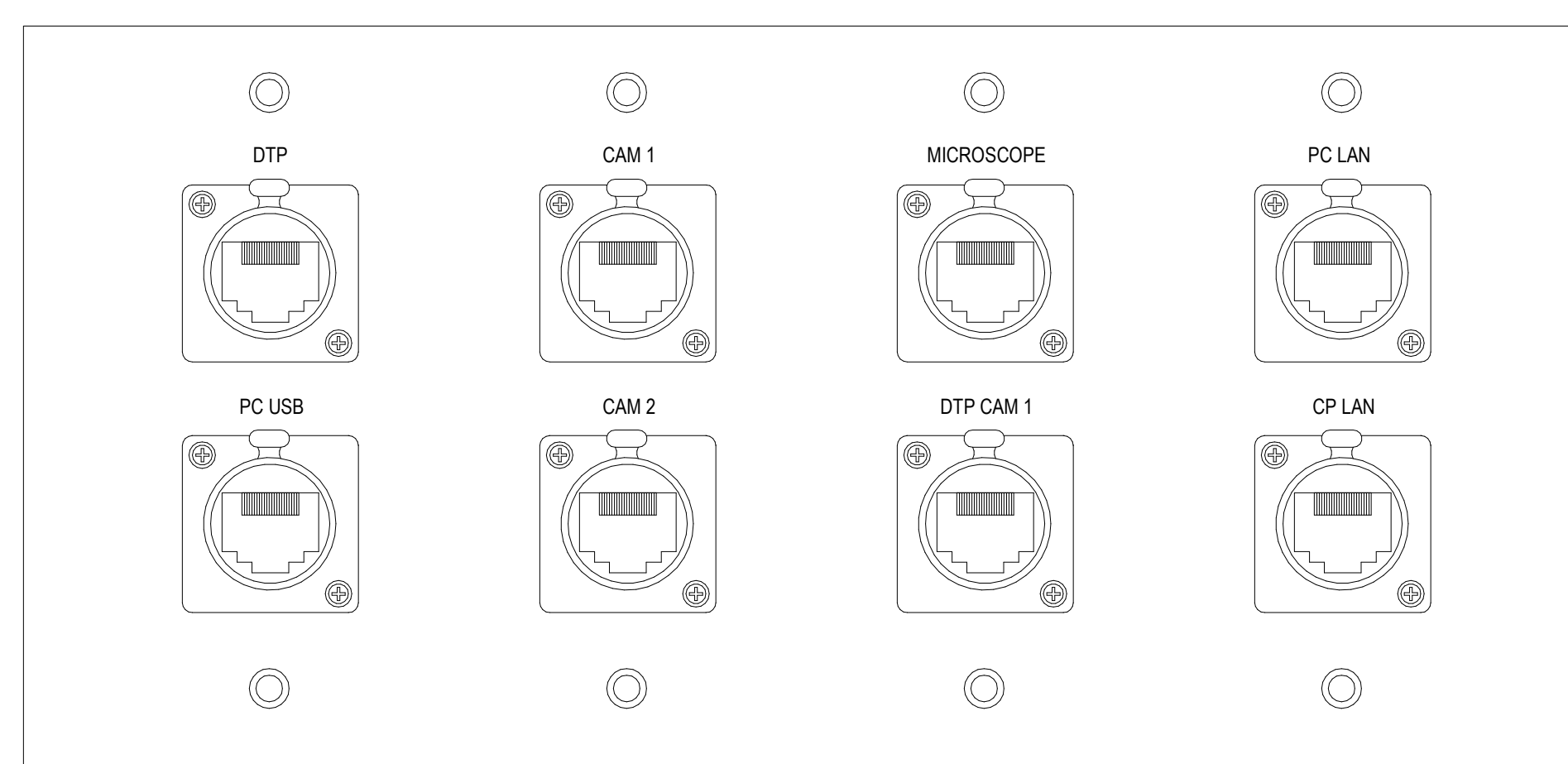
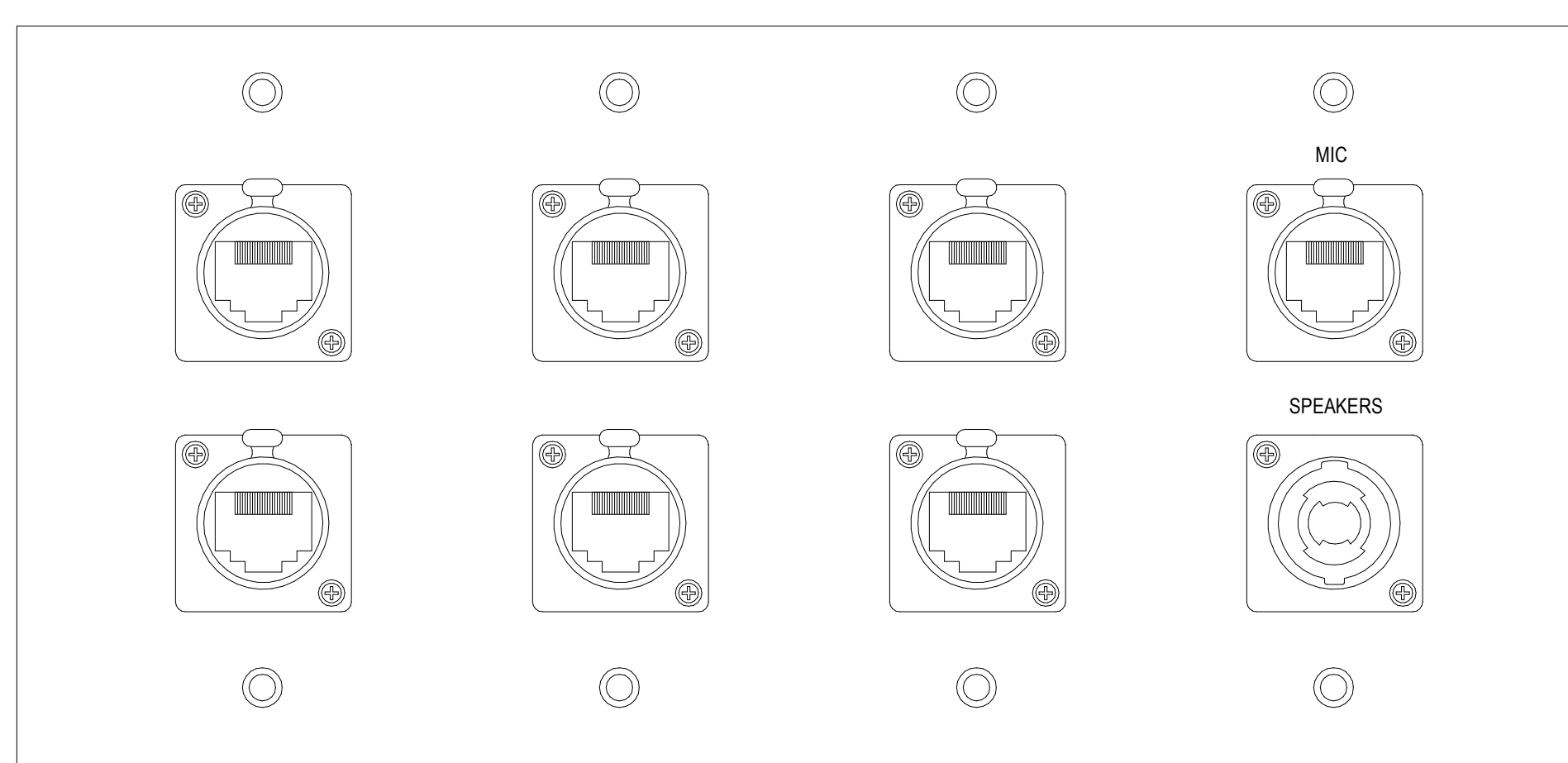


2 DUAL DISPLAY WALL ELEVATION
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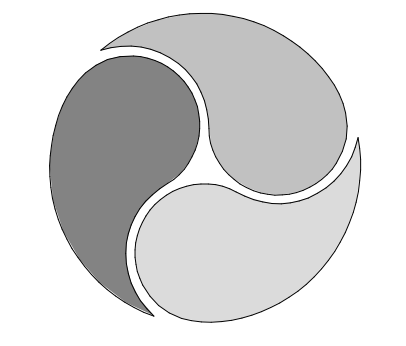
MICROBIOLOGY AND AP LABS



GEN BIO LABS



1 FACEPLATE DETAIL
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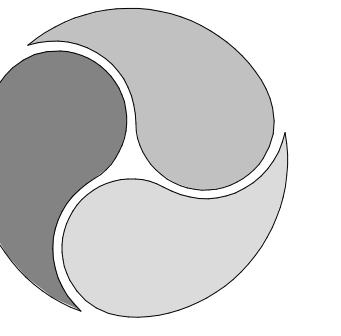
E403

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SHEET NOTE

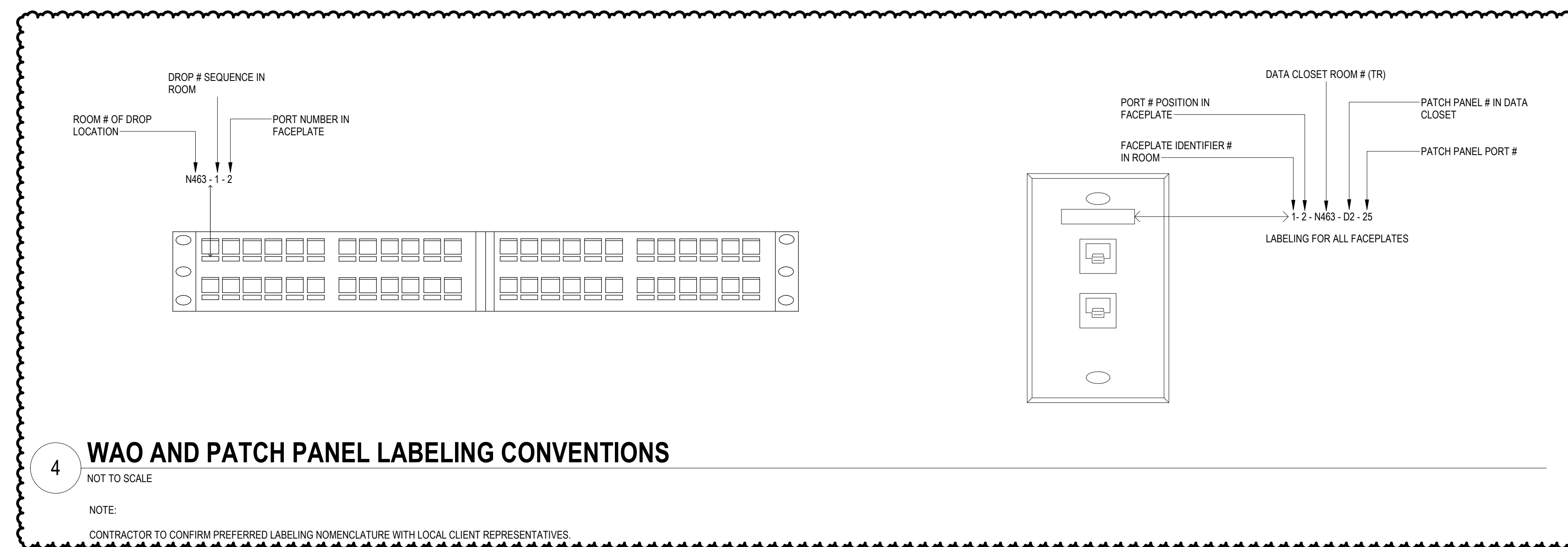
1. APPROVED CCAC COMMUNICATIONS CABLING MANUFACTURERS INCLUDE THE FOLLOWING:
 HUBBELL - NEXTSPEED
 GENERAL - GENSPED
 PANDUIT - PAN-NET
 COMMSCOPE - NETCONNECT
 BERK-TEK - LANMARK
 BLACKBOX - GIGATRUE
 VERTICAL CABLE
 PAIGE - GAMECHANGER CABLE



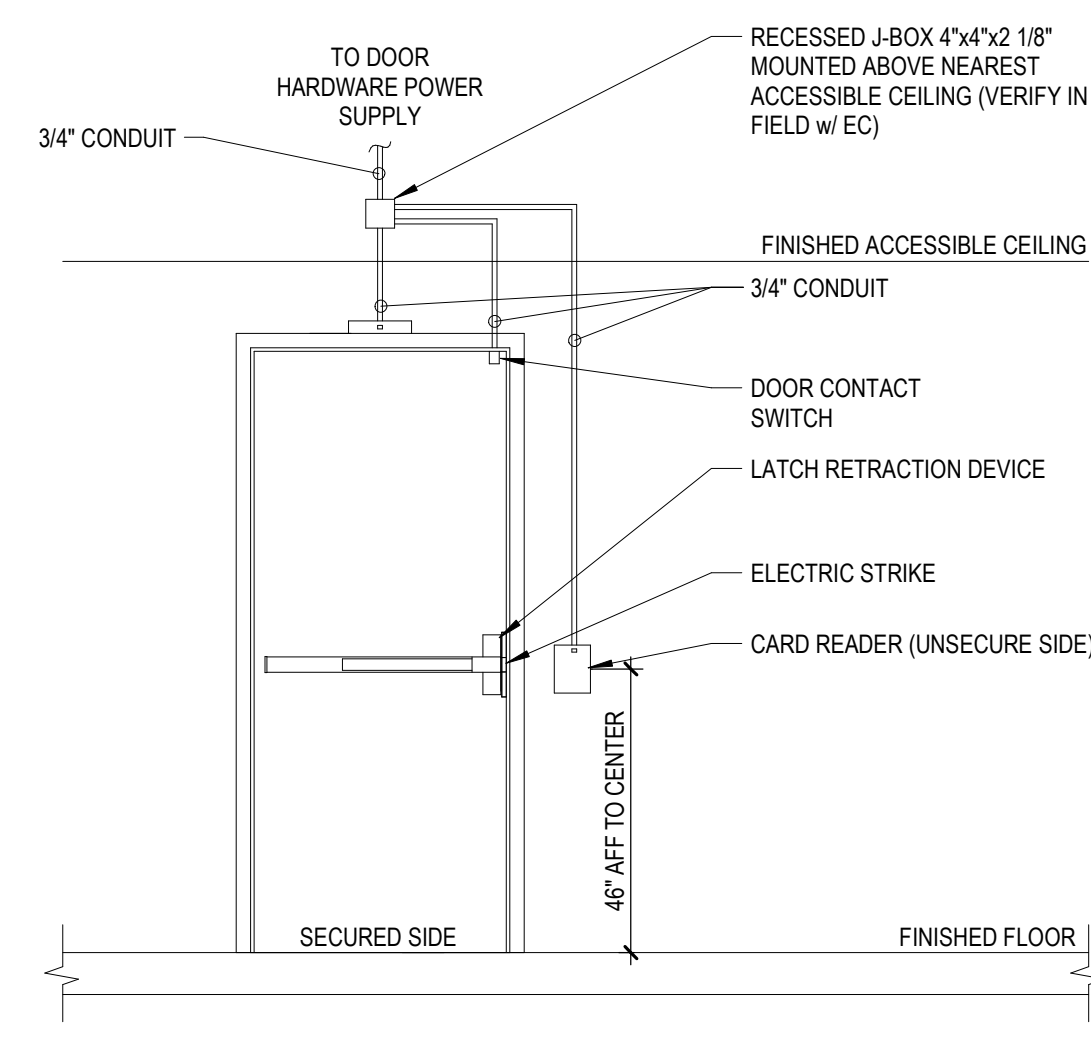
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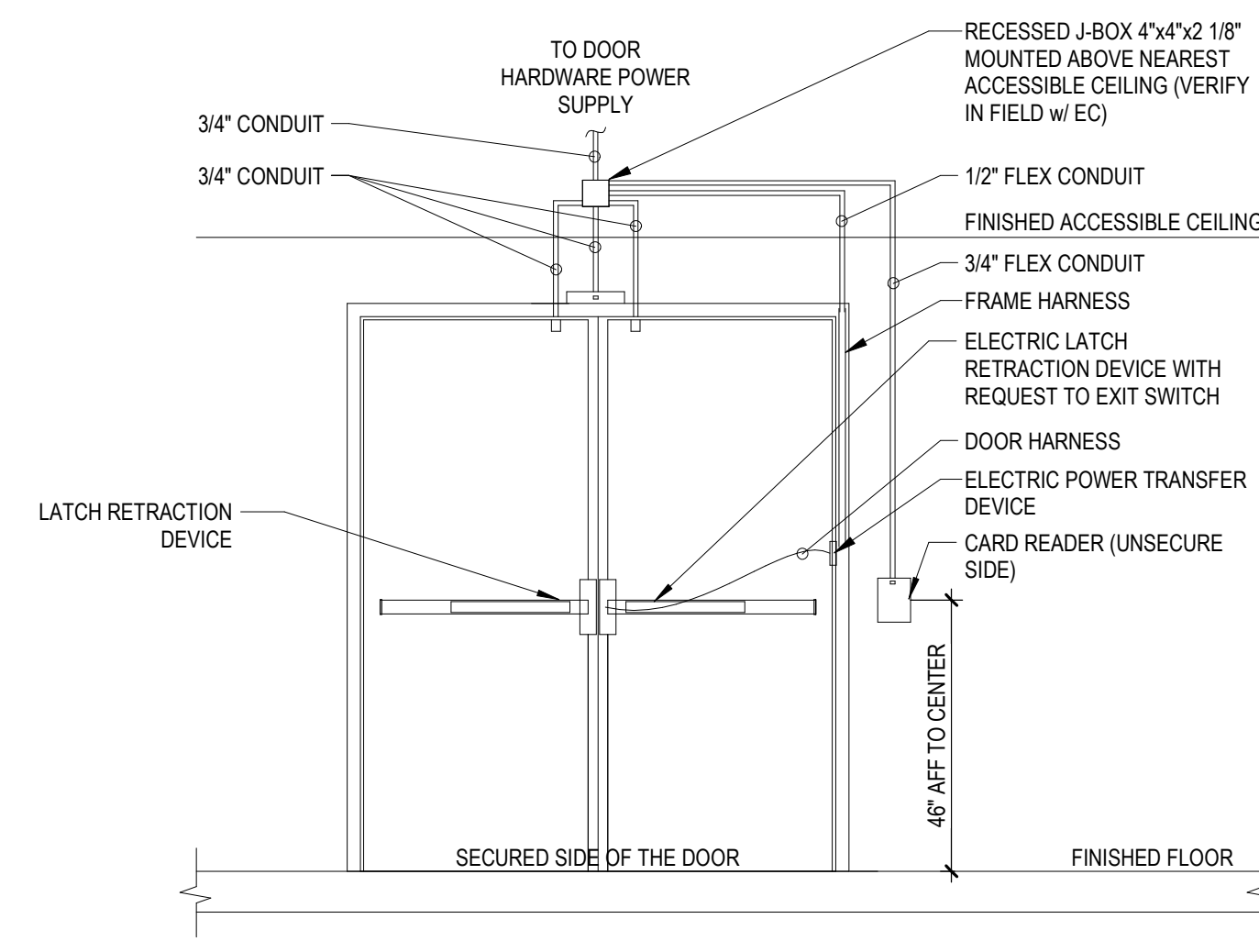
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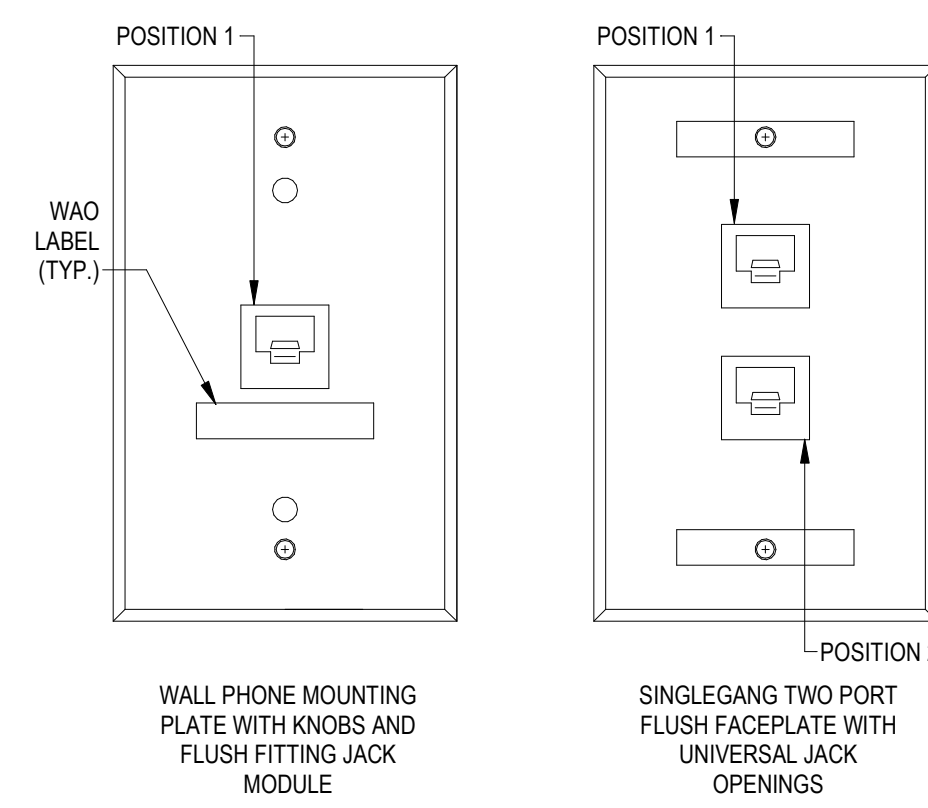
4 WAO AND PATCH PANEL LABELING CONVENTIONS
 NOT TO SCALE
 NOTE:
 CONTRACTOR TO CONFIRM PREFERRED LABELING NOMENCLATURE WITH LOCAL CLIENT REPRESENTATIVES



3 DOOR HARDWARE ELEVATION - SINGLE DOOR
 NOT TO SCALE
 NOTE:
 PROVIDE YELLOW PLENUM-RATED COMPOSITE "BANANA CABLE" (BELDEN 638AMJ OR EQUIVALENT) FOR ALL DOOR STRIKES, READERS, AND SENSORS



2 DOOR HARDWARE ELEVATION - DOUBLE DOOR
 NOT TO SCALE
 NOTE:
 PROVIDE YELLOW PLENUM-RATED COMPOSITE "BANANA CABLE" (BELDEN 638AMJ OR EQUIVALENT) FOR ALL DOOR STRIKES, READERS, AND SENSORS



1 STANDARD COMMUNICATIONS FACEPLATE DETAILS
 NOT TO SCALE
 NOTES:
 1. PROVIDE BLUE CATEGORY 6A UNSHIELDING TWISTED PAIR CABLES AND JACKS FOR EACH OUTLET PORT AND TERMINATED T-568B
 2. PROVIDE WIRELESS ACCESS POINT LOCATIONS WITH TWO CATEGORY 6A CABLES IN A SURFACE MOUNT BOX ABOVE CEILING WITH A 10' TERMINATED WHIP

595 Beatty Rd
 Monroeville, PA 15146

SUBMISSION:
BID DOCUMENTS

NO	DATE	REVISION
1	5/14/2026	ADDENDUM 4

PROFESSIONAL:

PROJECT NAME:
**CCAC BIOLOGY LAB
 RENOVATIONS BOYCE
 CAMPUS**

595 Beatty RD, Monroeville PA
 15146

DRAWING TITLE:
ELECTRICAL DETAILS

DRAWN BY: JC
 CHECKED BY: DF
 PROJ. NO: CCAC-006
 DATE: 04/14/2026
 DRAWING NO:

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