

Sinclair College
Building 14 – EMS Classrooms & Sim Lab
FAC 24-28X
Dayton, OH

Bid Date: February 13, 2025 at 2:00 pm

ADDENDUM 01

Date of Addendum: January 31, 2025

To the Drawings and Specifications for:

Sinclair College
Building 14 – EMS Classrooms & Sim Lab
FAC 24-28X
Dayton, OH

This addendum modifies the original CONTRACT DOCUMENTS dated January 20, 2025. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This addendum consists of five (5) pages plus attachments.

CHANGES TO PROCUREMENT AND CONTRACTING REQUIREMENTS:

1. Section 00 01 10 - Table of Contents:
 - a. Add Section “00 31 43 – Permit Application”
 - b. Add Section “01 21 00 – Allowances”
 - c. Remove Section “22 11 19 – Interior Domestic Water Piping Specialties”

2. Section 00 10 00 – SOLICITATION
 - a. Revise Page 1, Paragraph 3 that starts with “Bidders may submit...” as follows: “Bidders may submit requests for consideration of a proposed Substitution for a specified product, equipment, or service through Bid Express no later than 10 days prior to the bid opening. Additional products, equipment, and services may be accepted as approved Substitutions only by written Addendum.”

3. Section 00 31 19 – EXISTING CONDITION INFORMATION: Add specification section “00 31 19 Existing Condition Information” in its entirety attached.

4. Section 00 31 43 – PERMIT APPLICATION: Add specification section “00 31 43 Permit Application” in its entirety attached.
5. Section 00 41 13 - BID FORM (ELECTRONIC BIDS):
 - a. Revise Bid Form to include Allowance Instructions and Allowance No. 1 (included in the General Contract).

CHANGES TO GENERAL REQUIREMENTS:

1. Section 01 10 00 – SUMMARY
 - a. Subparagraph 1.8.B; Replace Paragraph and subparagraphs 1.8.B as follows:
 - “B. On-Site Work Hours: Limit work to non-business hours, Monday through Friday, for all noisy construction activities, including all activity within the lower-level atrium. All non-noisy construction activity may occur inside the new EMS suite during regular business hours 8:00 a.m. to 5:00 p.m. Work hours may be modified to meet Project requirements if approved by Owner and authorities having jurisdiction. Noisy activities include saw cutting, jackhammering, demolition, etc.
 1. Weekend Hours: As coordinated with A/E and Owner.
 2. Hours for Utility Shutdowns: As coordinated with A/E and Owner.
 3. Hours for Noise Activity: As coordinated with A/E and Owner.”
1. Section 01 21 00 – ALLOWANCES: Add specification section “01 21 00 Allowances” in its entirety attached.

CHANGES TO SPECIFICATIONS:

None.

CHANGES TO DRAWINGS:

Note: Revisions for this addendum on attached reissued sheets are clouded and labeled “Delta 1”.

1. Sheet A-101 PARTIAL LOWER LEVEL FLOOR PLAN:
 - a. Add “ALLOWANCE NO. 1” designation to CODED NOTE 1.

2. Sheet A-111 ENLARGED LOWER LEVEL REFLECTED CEILING PLANS:
 - a. Add coded note 11 to lecture halls.
3. Sheet A-412 LOWER LEVEL INTERIOR ELEVATIONS CONT.
 - a. Revise location of flat panel.
4. Sheet A-520 INTERIOR PARTITION TYPES:
 - a. Add detail 2/A-520 to partition type 0.
 - b. Add detail 3/A-520 to partition types: 1, 1A, 2, 3
5. Sheet A-621 PARTIAL LOWER LEVEL FURNITURE & EQUIPMENT PLAN:
 - a. Add "ALLOWANCE NO. 1" designation to CODED NOTE 1.
6. Sheet E002 PANEL SCHEDULES & SINGLE LINE
 - a. Add (3) 20A circuits to PL.
7. Sheet E003 SCHEDULES
 - a. Change description of A1 to 6".
 - b. Add mark to B1 equal manufacturers.
8. Sheet E100 LOWER LEVEL LIGHTING FLOOR PLAN – NEW WORK
 - a. Revise General Note M.
 - b. Add (4) B1 fixtures to 0017.
9. Sheet E200 LOWER LEVEL POWER & SYSTEMS FLOOR PLAN – NEW WORK
 - a. Add Plan Note 15, along with (5) J-boxes and (1) circuit for clock power.
 - b. Add (6) receptacles to 0023 with (2) circuits.
 - c. Add Plan Note 16 along with instance on plan for revised furniture under Alternate 2.
10. Sheet ED100 LOWER LEVEL FLOOR PLAN - DEMOLITION
 - a. Add Plan Notes 9, 10 & 11, along with instances on plan.
11. Sheet T001 TECHNOLOGY LEGEND

- a. Add Camera symbol “ellipse “CC” and description to legend

12. Sheet T003 AV SYSTEM DETAIL

- a. Add note to instructor input outlet to provide 2-gang engraved plate.

13. Sheet T004 AV SYSTEM DETAIL

- a. Add note to instructor input outlet to provide 2-gang engraved plate.

14. Sheet T005 AV SYSTEM DETAIL

- a. Add note to instructor input outlet to provide 2-gang engraved plate.

15. Sheet T006 AV OUTLET DETAILS

- a. Remove Ethercon jack from diamond V “C”

16. Sheet T101 LOWER LEVEL FLOOR PLAN

- a. Add plan note 10 to revised existing cubicles.
- b. Add flat panel outlet box mounting height detail to wall elevations
- c. Add plan note 9 to instructor furniture location.
- d. Remove ceiling mount camera in EMS/PARAMEDIC STUDIO 016

17. Sheet T102 FIRST AND SECOND FLOOR PARTIAL PLANS

- a. Remove 4” conduit pathway duplicated on the first floor.

18. Sheet TD101 LOWER LEVEL PLAN TECHNOLOGY DEMOLITION

- a. Add plan note 10 to revised existing cubicles.

ATTACHMENTS:

- Pre-Bid Meeting Minutes & sign-in sheet dated January 29, 2025
- Specification Sections 00 31 19, 00 31 43, 01 21 00
- Reissued Drawing Sheets:
 - Sheet A-101
 - Sheet A-111
 - Sheet A-412
 - Sheet A-520

- Sheet A-621
- Sheet ED100
- Sheet E002
- Sheet E003
- Sheet E100
- Sheet E200
- Sheet TD101
- Sheet T001
- Sheet T003
- Sheet T004
- Sheet T005
- Sheet T006
- Sheet T101

END ADDENDUM 01

Pre-Bid Meeting Agenda

Project: **Sinclair College
EMS Classrooms & Sim Lab Bldg. 14**

Project Number: **FAC 24-28X / SCC-002428X**

Meeting Date: **Wednesday, January 29, 2025, 10:00 am**

Location: **Building 17, Conference Room 17140
444 West Third Street
Dayton OH 45402**

Attendees: See attached sign in sheet

DESCRIPTION

I. INTRODUCTIONS:

- A. Participants to sign the Pre-Bid Attendance Sheet and provide contact information:
 - 1. Design Team:
 - a. Tom Gates, SPGB Architects (PIC).
 - b. Chandra Wilson, SPGB Architects (Project Manager).
 - c. Olivia Zalokar, SPGB Architects (Designer).
 - d. Emily Roper, SPGB Architects (Project Admin).
 - 2. SCC Staff:
 - a. Chris Haring, Sinclair College, Project Manager.
 - 3. OFCC Staff
- B. Pre-Bid Meeting Minutes will be emailed to meeting attendees.
- C. SPGB to revise Specification 00 10 00 via Addendum 01.
 - 1. Any questions about the plans and specifications should be submitted through BidExpress.
- D. Nothing said during the Pre-Bid Meeting or subsequent walking tour of the site amends the Contract Documents unless it's documented in an Addendum.

II. NOTICE TO BIDDERS:

- A. Bid Documents are available at the location, listed in the attached Solicitation:
 - 1. BidExpress – <https://bidexpress.com>.
- B. Bid Date: February 13, 2025, at 2:00 pm local time.

- C. Bids shall be electronically submitted and identified as a sealed bid that references the project name and number.
- D. Bids shall be uploaded to <https://bidexpress.com> before the posted Bid Date.
- E. Bid tabulations will be posted no later than 5:00 pm on the day Bids are opened.
- F. Contracts and Estimated Costs:
 - 1. Building 14 EMS Classrooms & Sim Lab.
 - 2. Single-Prime General Contract.
 - a. Lump Sum Base Bid Estimate: \$ 597,600.00
 - b. Alternate 1 – Conference Room Door: \$ 5,330.00
 - c. Alternate 2 – Cubicle Area Modifications: \$ 21,275.00

III. SCOPE OF WORK SUMMARY:

- A. Interior renovation of approximately 3,800 SF in the basement of Building 14. The existing building is Type II-B, Use Group B-Business & A-3 Assembly (accessory use). Renovations include selective demolition of non-structural partitions, new partitions, new wall, ceiling and floor finishes, new lighting, technology, and coordination with the installation of an ambulance simulator. Plumbing systems, mechanical ductwork, diffusers, and fire protection sprinklers will be reworked to accommodate the new floor plan and other Work indicated in the Contract Documents.
- B. Building 14 is owned by the College. The College is coordinating the Project.
- C. Specifications are a combination of the published book specs and Drawing notes.
- D. Campus operations and public circulation must not be disrupted.
- E. Owner will perform the following construction operations at Project site. Those operations will be conducted simultaneously with Work under this Contract.
 - 1. Installation of the Ambulance Simulator.
- F. Contract Limit Lines are established on the Drawings.
- G. Contractor's Use of Site and Premises:
 - 1. Confine construction operations to work area indicated on Drawings.
 - 2. Keep driveways, loading areas, and entrances serving premises clear and available. Do not use these areas for parking or for storage of materials. Schedule deliveries to minimize use of driveways and entrances by construction operations, and to minimize space and time requirements for storage of materials and equipment on-site.
 - 3. Fence enclosures are at the Contractor's discretion as long as public safety is maintained. The Contractor is encouraged to secure materials, equipment, and tools.
- H. Project Completion and Milestone Dates:
 - 1. Anticipating the Notice-to-Proceed being issued around March 25, 2025.
 - 2. Construction duration is 120 consecutive calendar days from the NTP.

BIDDING AND CONTRACTING REQUIREMENTS

Refer also to attachment: 250129 BID EXPRESS - Required Documents for SC Construction Project Bids

I. BID FORM:

- A. The Bidder is responsible for uploading the bid by the time specified in the Solicitation to BidExpress.
- B. The Bidder shall not modify or qualify anything on the Bid Form, as this may be cause for rejection of bid.
- C. Each Bidder shall bear the responsibility to satisfy themselves that the bid is responsive to any Addenda issued. The contractor shall acknowledge any addendum in the appropriate location on the bid schedule. Failure to receive or acknowledge any Addenda shall not release the Bidder from all obligations contained in such Addenda.

II. INSTRUCTIONS TO BIDDERS – SECTION 00 21 13 and SECTION 00 22 00 SUPPLEMENTARY INSTRUCTIONS

- A. Proposal Form, Bid Guaranty, Insurance, Bonding, etc. – Questions should be directed to Chris Haring, Sinclair College, chris.haring@sinclair.edu.
- B. Standards and Substitutions – Refer to Section 2.5.
- C. Bid Package Checklist – Article 2 of this section lists the following items as the minimum that are to be included in the proposal package.
 1. Form of Bid.
 2. Bid Guaranty/Contract Bond – Bond cover needs to read: “Sinclair College.”
 3. Proof of insurance.

III. INSURANCE REQUIREMENTS:

- A. Refer to General Conditions – Section 10.0
- B. Liability – Refer to General Conditions Section 10.3.
- C. Builders Risk – Refer to General Conditions Section 10.4.

IV. WAGE RATE REQUIREMENTS – SECTION 00 73 43:

- A. This is a prevailing wage project, and any questions should be directed to Chris Haring, Sinclair College, chris.haring@sinclair.edu.

V. EDGE AFFIDAVIT – SECTION 00 45 39:

- A. Refer to this section to assist the Bidder in submitting the required certificate with bid.
- B. Questions should be directed to Chris Haring, Sinclair College, chris.haring@sinclair.edu.

VI. CONTRACTING DEFINITIONS – SECTION 00 71 00.

- A. Refer to Specifications for standard definitions.

VII. Substitutions must be received by the A/E less than 10 days prior to the bid deadline.

- A. Proposed substitutions must include side-by-side comparison with specs as basis of design to be considered by A/E.

VIII. Requests for Interpretations must be received no later than 7 days before Bid Opening.

- A. All RFIs must be in writing and emailed to Tom Gates, SPGB Architects.

PROJECT CONDITIONS

I. PROJECT RESTRICTIONS:

- A. SPGB to revise Specification 01 10 00 via Addendum 01:
 - 1. On-Site Work Hours – 10:00 pm to 7:00 am, Monday through Friday. Weekends at contractor’s discretion. (Refer to Post Meeting I.A below)
- B. Specification 01 50 00 Temporary Facilities and Controls:
 - 1. Water and electric power is available for use without metering or payment of use charges.

OPEN DISCUSSION

- I. During the meeting, it was noted that some partition types on sheet A-520 lacked reference details.
 - A. SPGB to revise Sheet A-520 INTERIOR PARTITION TYPES via Addendum 01.

WALKING TOUR

- I. During the meeting, the question was raised regarding the existing clear height from the slab to the deck.
 - A. SPGB to add Specification 00 31 19 with link to existing drawings via Addendum 01.

ADJOURN MEETING

POST MEETING

I. WORK HOURS

- A. The owner agreed to have all noisy construction activities take place outside of Monday to Friday business hours, allowing non-noisy construction to take place inside the new EMS space during regular business hours. However, the owner specified that adding paneling and doors to block the current cubicles should not occur in the common space areas during normal business hours, even if it is considered a non-noisy activity.

ATTACHMENTS:

Pre-Bid Meeting Sign-In Sheet_2024-01-29
250129 BID EXPRESS - Required Documents for SC Construction Project Bids

Required Documents for Sinclair Construction Project Bids

Purchasing Department

All vendor bids are to be submitted via Bid Express, the electronic bidding system at <http://bidexpress.com>

Required forms and examples of required certificates are found on Bid Express.

It is paramount that bidders complete their proposals with complete thoroughness and deliberate attention to detail.

Bidders should include the following documents in their **Bid Express submissions**:

1. Bid Form (General Contracting Project) | OFCC M160-00 41 13
2. Bid Security Form | OFCC M140-00 43 13
3. Current Power of Attorney for Surety/Sureties on Bid Security Form
4. Unexpired OH Dept. of Insurance Certificate for Surety/Sureties on Bid Security Form
5. Unexpired OH Dept. of Development: Minority Business Development Division (MBDD) Certificate
6. Unexpired OH Bureau of Workers Compensation (BWC) Certificate
7. OH BWC Drug Free Safety Program "Approved" Status (original or BWC website printout)
8. Disclosure of Personal Property Taxes (found on Sinclair's Construction webpage)

Only after the completion of all internal and/or external approvals will the executed contract, Purchase Order, Notice to Proceed, Notice of Commencement, and Notice to Surety be issued to the successful bidder to legally engage them. **The contractor cannot be engaged until the above processes have been completed.**

Sinclair's Supplier Diversity Program & Tier II Spend

The state's **EDGE (Encouraging Diversity, Growth and Equity) program** does not apply to two-year colleges. Please see Sinclair's Supplementary Instructions and Supplementary Conditions included in your spec book for more info.

Resources

Sinclair Construction: <https://www.sinclair.edu/about/offices/purchasing/construction/>

Sinclair Supplier Diversity Program: <https://www.sinclair.edu/about/offices/purchasing/supplier-diversity-program/>

Ohio Facilities Construction Commission (OFCC): <https://ofcc.ohio.gov/>

DOCUMENT 003119 - EXISTING CONDITION INFORMATION

1.1 EXISTING CONDITION INFORMATION

- A. This Document with its referenced attachments is part of the Procurement and Contracting Requirements for Project. They provide Owner's information for Bidders' convenience and are intended to supplement rather than serve in lieu of the Bidders' own investigations. They are made available for Bidders' convenience and information, but are not a warranty of existing conditions. This Document and its attachments are not part of the Contract Documents.
- B. Existing drawings that include information on existing conditions including previous construction at Project site are available for viewing at the following link:

[Building 14 Architectural Set.pdf](#)

END OF DOCUMENT 003119

SECTION 003143 – PERMIT APPLICATION

1.1 PERMIT APPLICATION INFORMATION

- A. This Document is part of the Procurement and Contracting Requirements for Project. It provides Owner's information for Bidders' convenience and is intended to supplement rather than serve in lieu of the Bidders' own investigations. This Document is not part of the Contract Documents.
- B. Permit Application: The building permit for Project has been applied for to the City of Dayton, 371 W Second Street, Dayton, OH 45402, by the A/E. The Contractor is responsible for picking up the Permit once completed and paying the associated Permit Fee (approximate amount of \$5,025.00).

END OF SECTION 003143

SECTION 012100 - ALLOWANCES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes administrative and procedural requirements governing allowances.
- B. Types of allowances include the following:
 - 1. Lump-sum allowances.
- C. Related Requirements:
 - 1. Section 012600 "Contract Modification Procedures" for procedures for submitting and handling Change Orders.

1.3 DEFINITIONS

- A. Allowance: A quantity of work or dollar amount included in the Contract, established in lieu of additional requirements, used to defer selection of actual materials and equipment to a later date when direction will be provided to Contractor. If necessary, additional requirements will be issued by Change Order.

1.4 SELECTION AND PURCHASE

- A. At the earliest practical date after award of the Contract, advise Architect of the date when final selection, or purchase and delivery, of each product or system described by an allowance must be completed by the Owner to avoid delaying the Work.
- B. At A/E's request, obtain proposals for each allowance for use in making final selections. Include recommendations that are relevant to performing the Work.
- C. Purchase products and systems selected by A/E from the designated supplier.

1.5 ACTION SUBMITTALS

- A. Submit proposals for purchase of products or systems included in allowances in the form specified for Change Orders.

1.6 INFORMATIONAL SUBMITTALS

- A. Submit invoices or delivery slips to show actual quantities of materials delivered to the site for use in fulfillment of each allowance.
- B. Submit time sheets and other documentation to show labor time and cost for installation of allowance items that include installation as part of the allowance.
- C. Coordinate and process submittals for allowance items in same manner as for other portions of the Work.

1.7 LUMP-SUM ALLOWANCES

- A. Allowance shall include cost to Contractor of specific products and materials ordered by Owner or selected by Architect under allowance and shall include freight, and delivery to Project site.
- B. Unless otherwise indicated, Contractor's costs for receiving and handling at Project site, labor, installation, overhead and profit, and similar costs related to products and materials ordered by Owner or selected by A/E under allowance shall be included as part of the Contract Sum and not part of the allowance.
- C. Unused Materials: Return unused materials purchased under an allowance to manufacturer or supplier for credit to Owner, after installation has been completed and accepted.
 - 1. If requested by Architect, retain and prepare unused material for storage by Owner. Deliver unused material to Owner's storage space as directed.

1.8 ADJUSTMENT OF ALLOWANCES

- A. Allowance Adjustment: To adjust allowance amounts, prepare a Change Order proposal based on the difference between purchase amount and the allowance, multiplied by final measurement of work-in-place where applicable. If applicable, include reasonable allowances for cutting losses, tolerances, mixing wastes, normal product imperfections, required maintenance materials, and similar margins.
 - 1. Include installation costs in purchase amount only where indicated as part of the allowance.
 - 2. If requested, prepare explanation and documentation to substantiate distribution of overhead costs and other markups.
- B. Submit claims for increased costs due to a change in the scope or nature of the allowance described in the Contract Documents, whether for the purchase order amount or Contractor's handling, labor, installation, overhead, and profit.
 - 1. Do not include Contractor's or subcontractor's indirect expense in the Change Order cost amount unless it is clearly shown that the nature or extent of Work has changed from what could have been foreseen from information in the Contract Documents.

2. No change to Contractor's indirect expense is permitted for selection of higher- or lower-priced materials or systems of the same scope and nature as originally indicated.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine products covered by an allowance promptly on delivery for damage or defects. Return damaged or defective products to manufacturer for replacement.

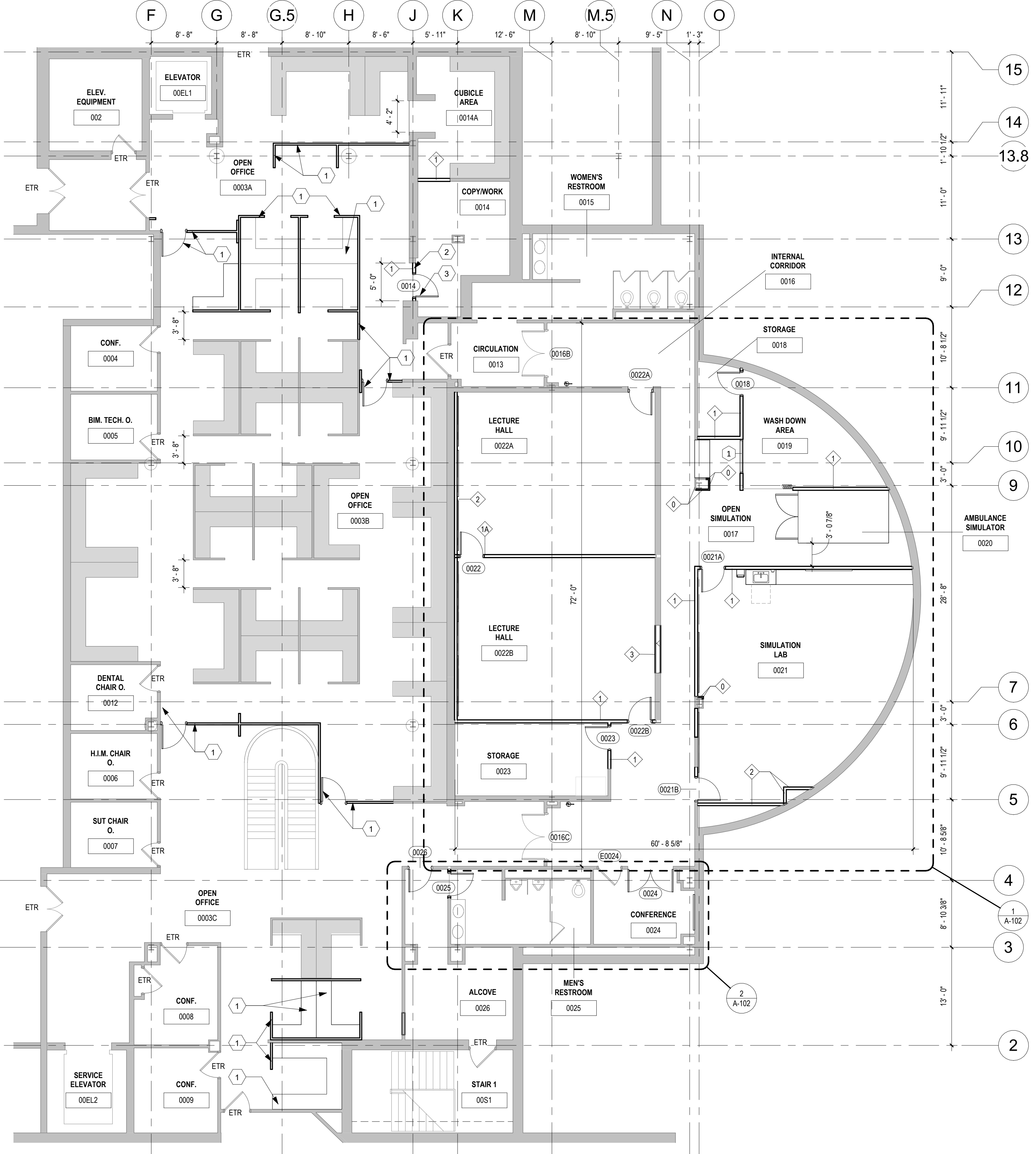
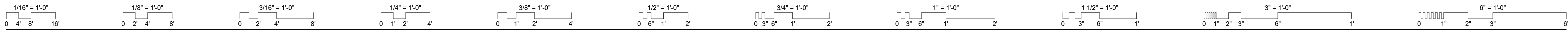
3.2 PREPARATION

- A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

3.3 SCHEDULE OF ALLOWANCES

- A. Allowance No. 1 Systems Furniture: Lump-Sum Allowance: Include \$58,950.00 for the Project for systems furniture as selected and purchased by the Owner.

END OF SECTION 012100

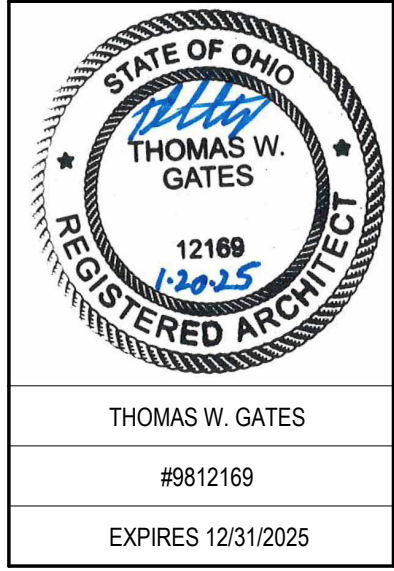


GENERAL NOTES

- INTERIOR PARTITIONS ARE TYPE 1 UON. REFER TO SHEET A-520 FOR PARTITION TYPES.
- REFER TO SHEET A-001 FOR FIXTURE MOUNTING HEIGHTS AND TYPES.
- ALL FURNISHINGS SHOWN ARE PROVIDED BY OWNER, UON.
- PATCH AND REPAIR ALL EXISTING WALLS AS NEEDED.
- PROVIDE 8'-0" H CORNER GUARDS AT ALL EXTERIOR CORNERS OF INTERIOR PARTITIONS WALLS.

CODED NOTES

- ALLOWANCE NO. 1 - PARTIAL HEIGHT SYSTEMS PARTITION, DOOR AND FRAME PROVIDED BY OWNER
- BID ALTERNATE - PATCH, PRIME, PAINT GYP PARTITION AT REMOVED OPENING.
- BID ALTERNATE - PROVIDE DOOR(S), FRAME & ASSOCIATED HARDWARE.



SPGB Architects
 4333-A TULLER ROAD
 DUBLIN, OHIO 43017
 PHONE: (614) 771-8963

DESIGNED BY: CW/OZ
 DRAWN BY: CW/OZ
 CHECKED BY: TG

DATE:	REVISIONS:
1/21/2025	ADDENDUM 01

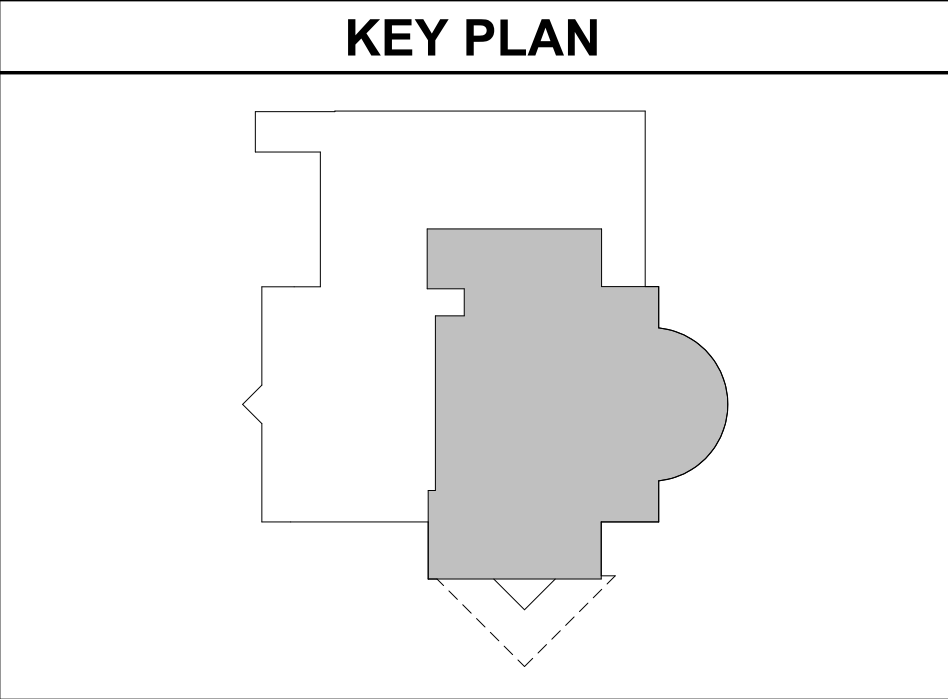
EMS Classrooms & Sim Lab Bldg. 14
 Sinclair College
 444 West 3RD Street
 Dayton, OH 45402

PARTIAL LOWER LEVEL FLOOR PLAN

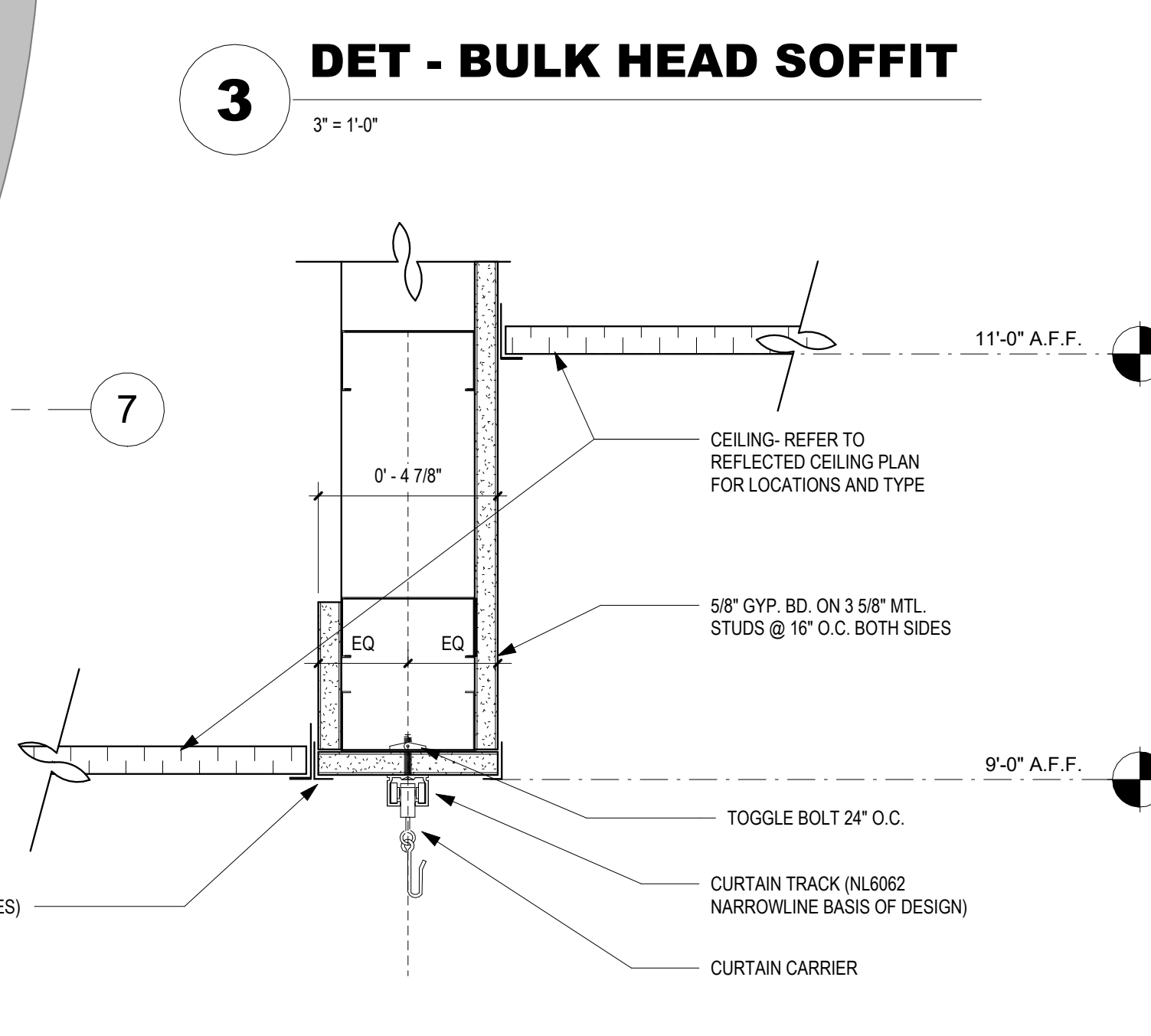
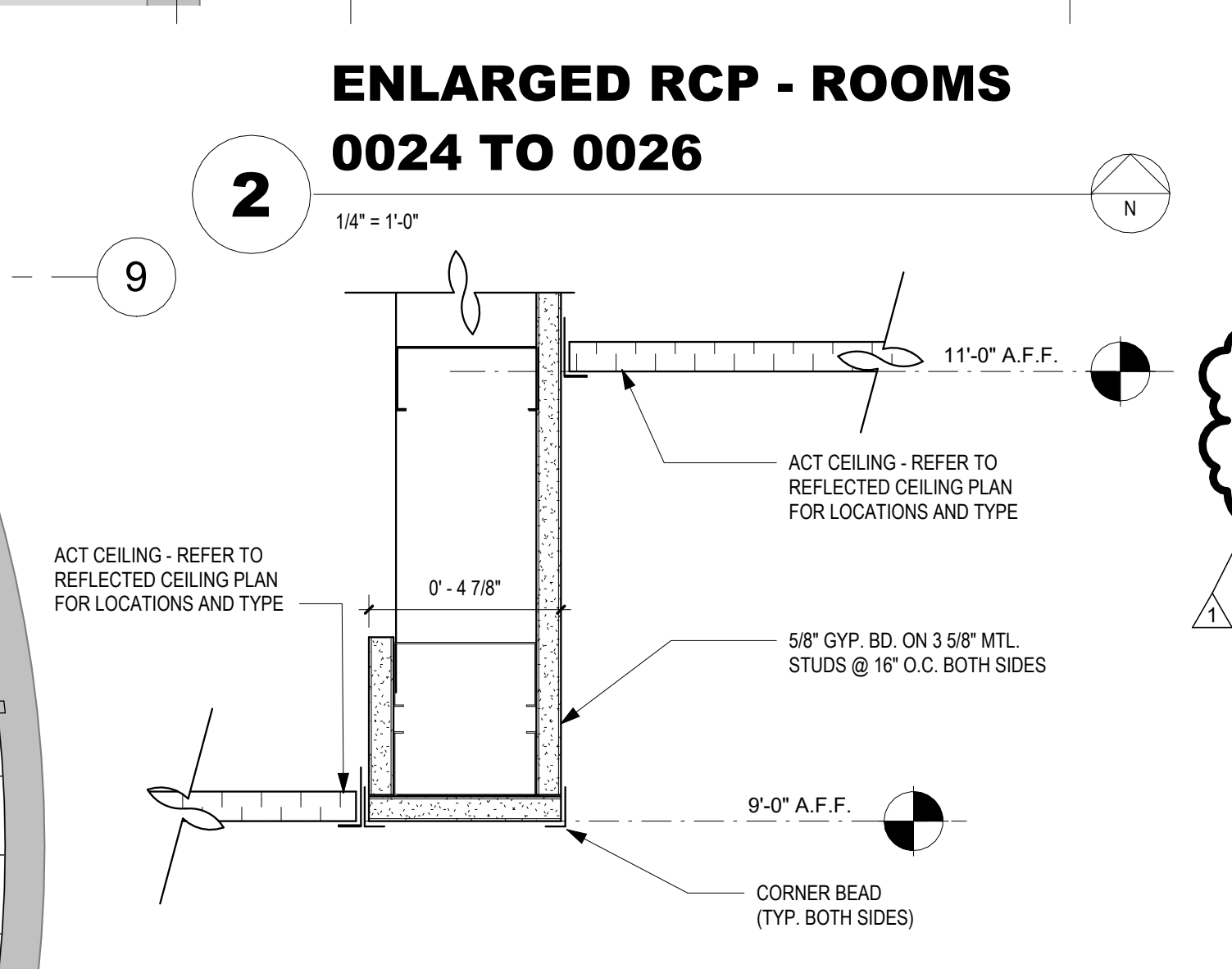
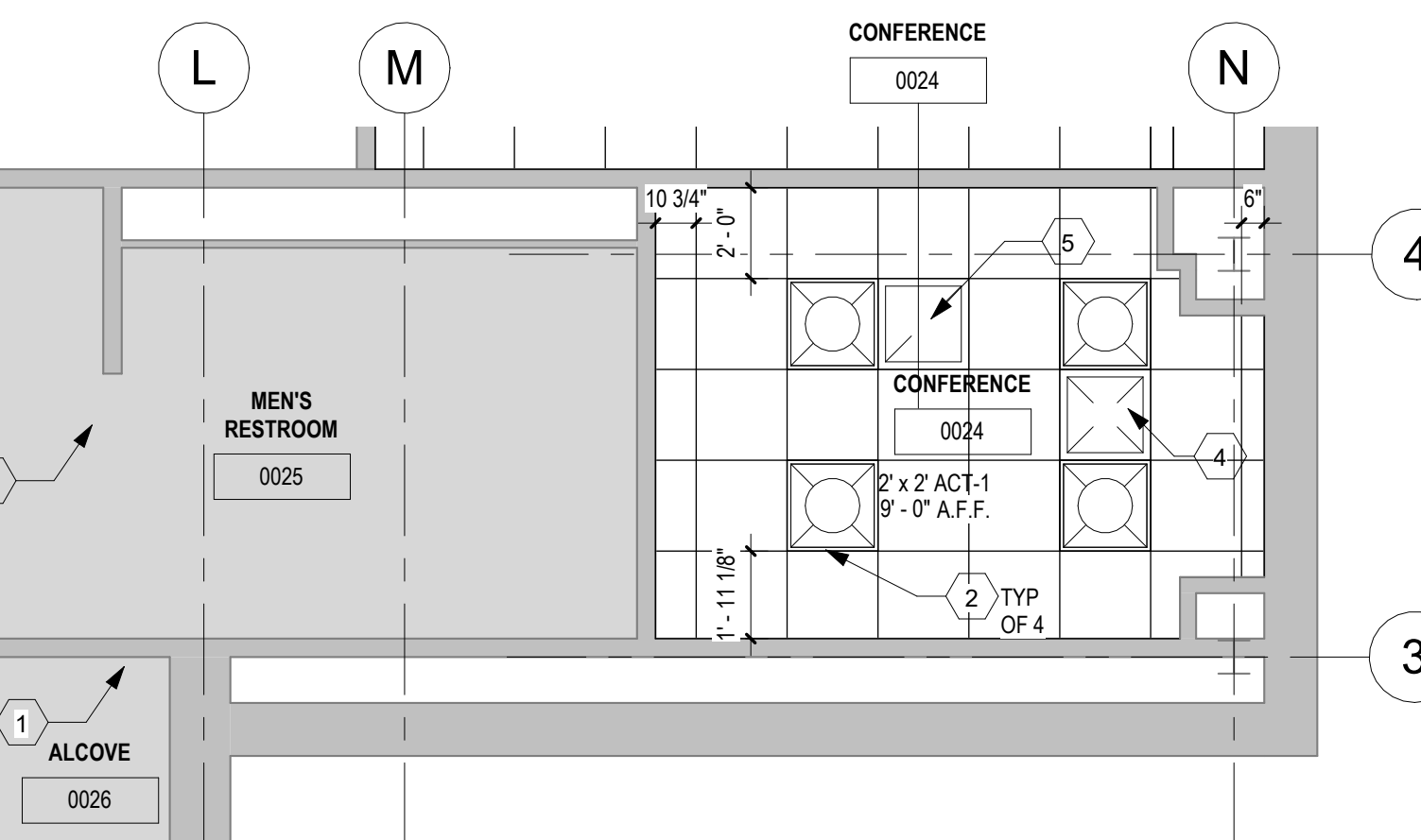
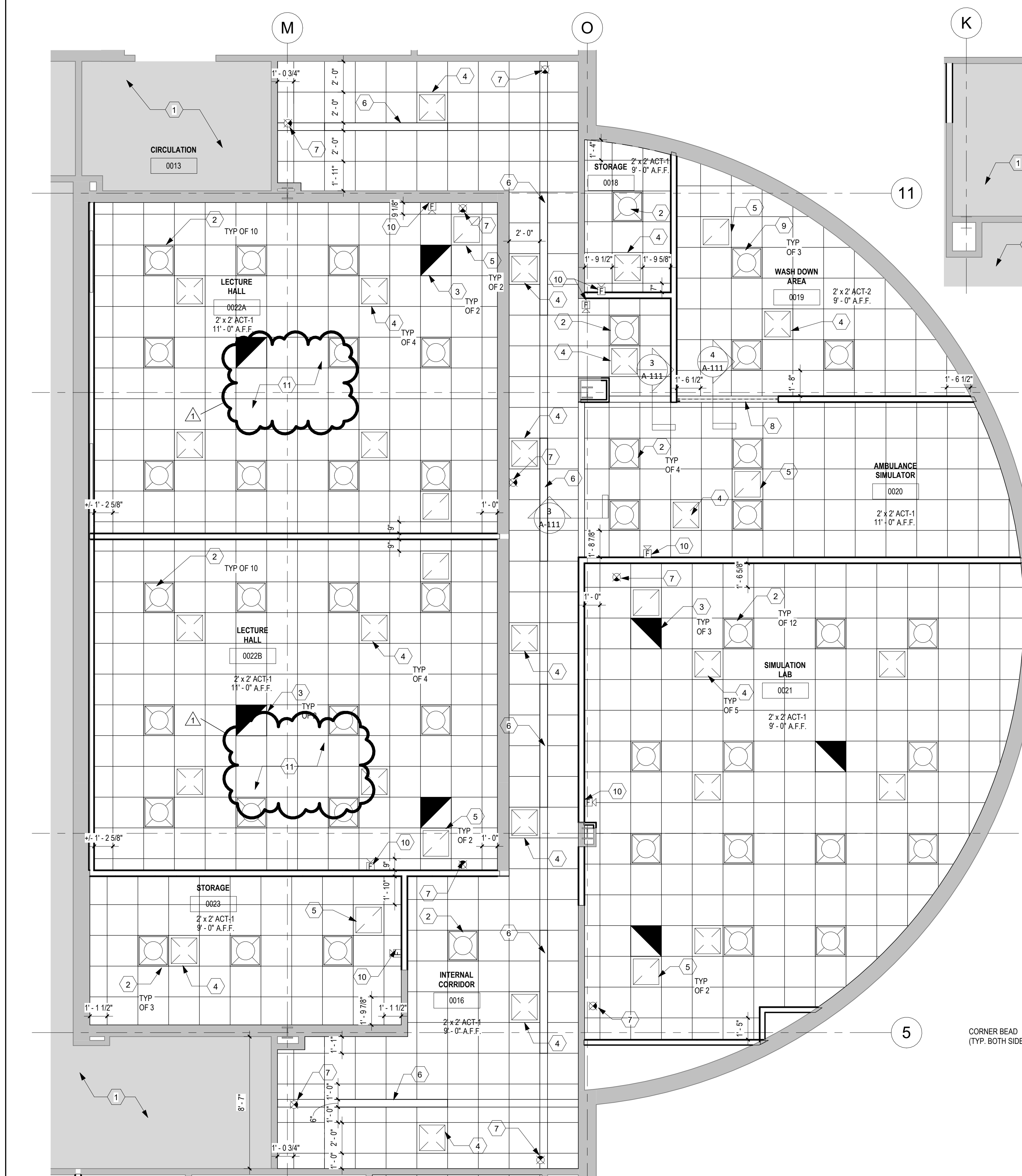
SCALE: 1/8" = 1'-0"

A-101

JOB NO.: 24011
 DATE: 1/20/2025



1 PARTIAL LOWER LEVEL FLOOR PLAN
 1/8" = 1'-0"



GENERAL NOTES

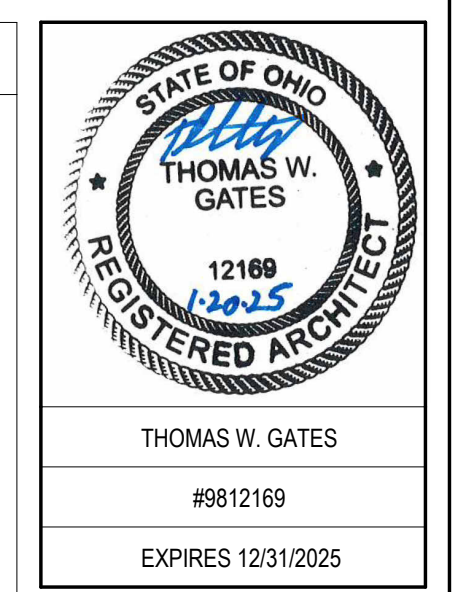
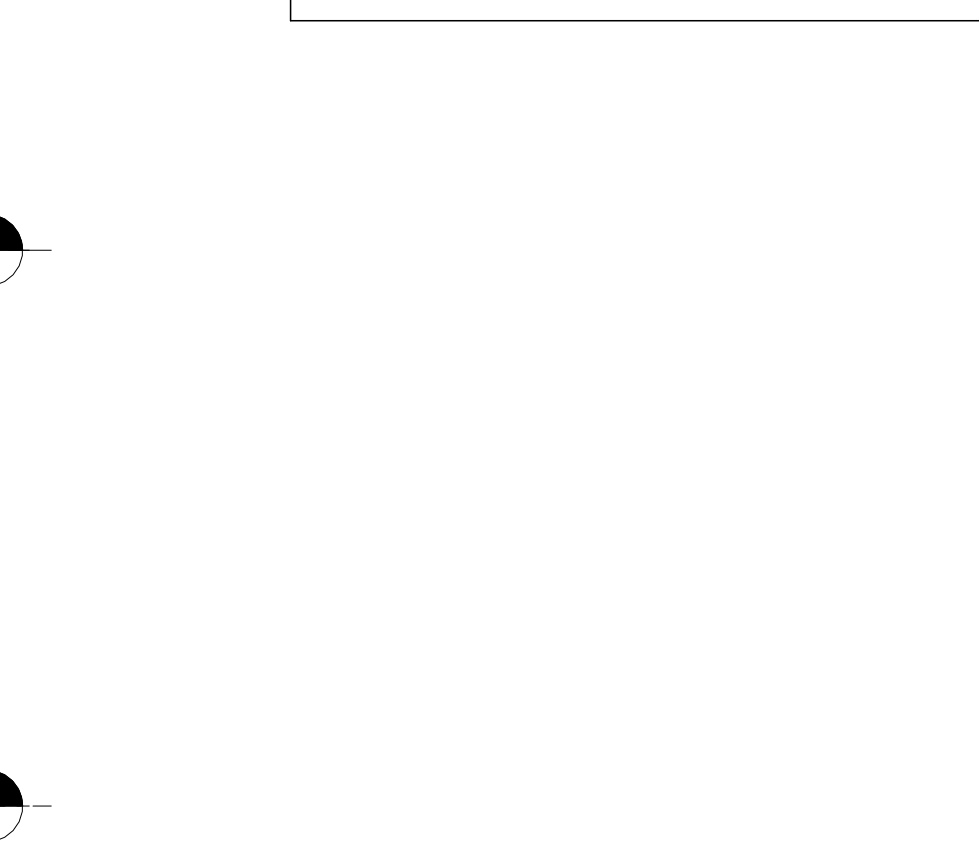
- VERIFY QUANTITIES AND SIZE OF ALL MECHANICAL, ELECTRICAL AND FIRE PROTECTION EQUIPMENT SHOWN ON THE REFLECTED CEILING PLANS WITH RESPECTIVE MECHANICAL, ELECTRICAL AND FIRE PROTECTION CONTRACT DRAWINGS AND SPECIFICATIONS.
- VERIFY ALL FINISHES WITH FINISH SCHEDULE. REPORT ANY DISCREPANCIES TO A/E PRIOR TO WORK.
- LOCATED ALL MECHANICAL AND ELECTRICAL FIXTURES WHICH EXIST IN CEILING AS CLOSE AS POSSIBLE TO THE CONFIGURATION SHOWN. THE INTENT IS TO PROVIDE A UNIFORM AND SYMMETRICAL LAYOUT WITHIN EACH ROOM OR SPACE. THESE LOCATIONS ARE SUBJECT TO FIELD VERIFICATION AND A/E APPROVAL.
- REFER TO FIRE PROTECTION PLANS FOR SPRINKLER HEAD LOCATIONS. LOCATE HEAD IN CENTER OF TILE EACH WAY, TYPICAL.
- PROVIDE METAL CEILING TRIM AT ALL INTERSECTION WITH VAC DUCTS, ELECTRICAL CONDUITS, AND ALL OTHER CEILING PENETRATIONS.
- PROVIDE METAL CEILING TRIM AT ALL COLUMN PENETRATIONS.
- ALL ACT CEILING TILE MIN. OF 6-INCHES WIDE AT EDGE OF ROOM.

CODED NOTES

- EXISTING CEILING TO REMAIN.
- PROVIDE LIGHTS. REFER TO MEPT DRAWINGS.
- PROVIDE LIGHTS ON EMERGENCY CIRCUIT. REFER TO MEPT DRAWINGS.
- SUPPLY AIR DIFFUSER. REFER TO MEPT DRAWINGS.
- RETURN AIR REGISTER. REFER TO MEPT DRAWINGS.
- PROVIDE 6\"/>

RCP SYMBOLS LEGEND

	LAY-IN CEILING GRID (SEE ROOM FINISH SCHEDULE A-620)
	FLUORESCENT LIGHT FIXTURE IN GRID
	LIGHTING FIXTURE ON EMERGENCY CIRCUIT
	SUPPLY DIFFUSER
	RETURN DIFFUSER
	EXIT LIGHTING FIXTURE
	FIRE ALARM SPEAKER & SIGNAL LIGHT
	1i 1'-0\"/>



SPGB Architects
4333-A TULLER ROAD
DUBLIN, OHIO 43017
PHONE: (614) 771-8963

DESIGNED BY: CW/OZ
DRAWN BY: CW/OZ/TE
CHECKED BY: TG

DATE: 1/20/2025

REVISIONS: ADDENDUM 01

EMS Classrooms & Sim Lab Bldg. 14
Sinclair College
444 West 3RD Street
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ENLARGED LOWER LEVEL FLOOR REFLECTED CEILING PLANS

SCALE: As indicated

A-111

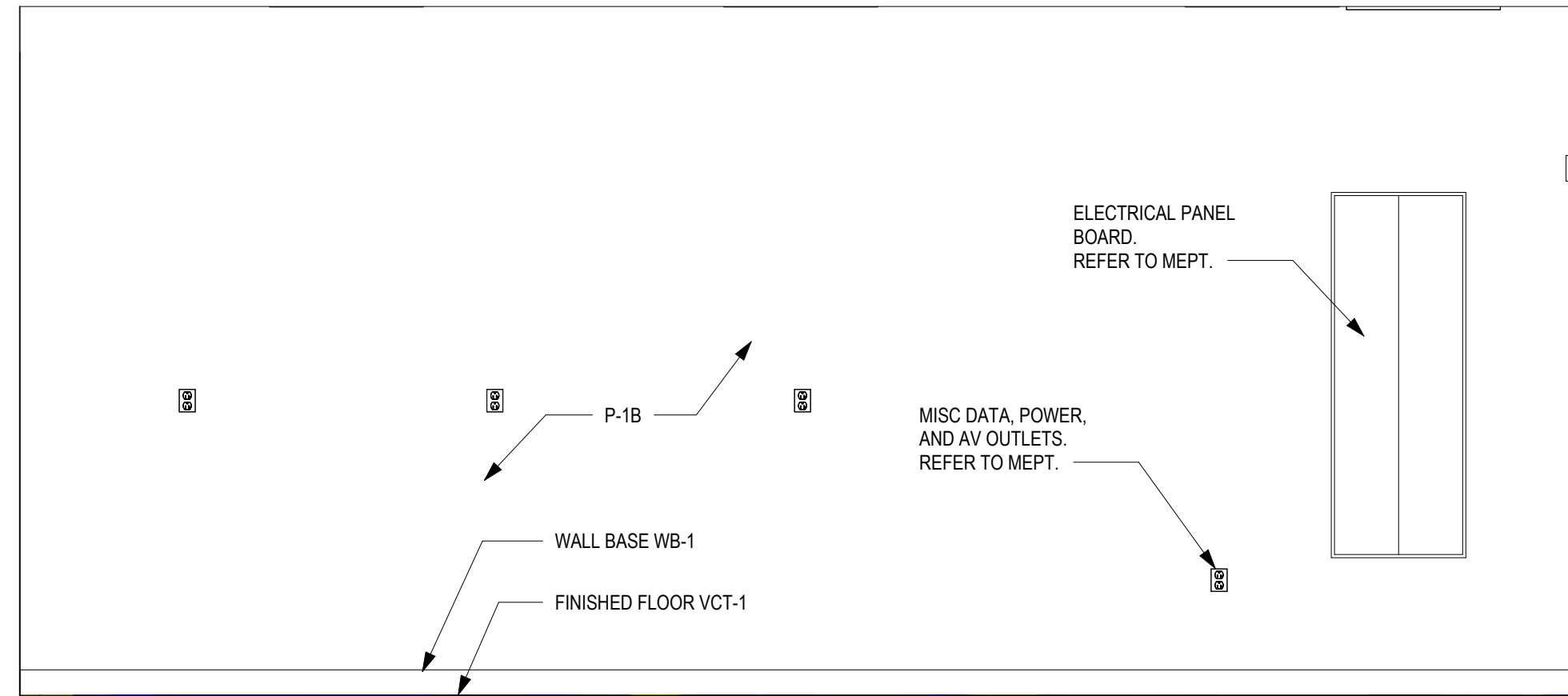
JOB NO.: 24011
DATE: 1/20/2025

1 ENLARGED RCP - ROOMS 0022A, 0022B & 0023
1/4" = 1'-0"

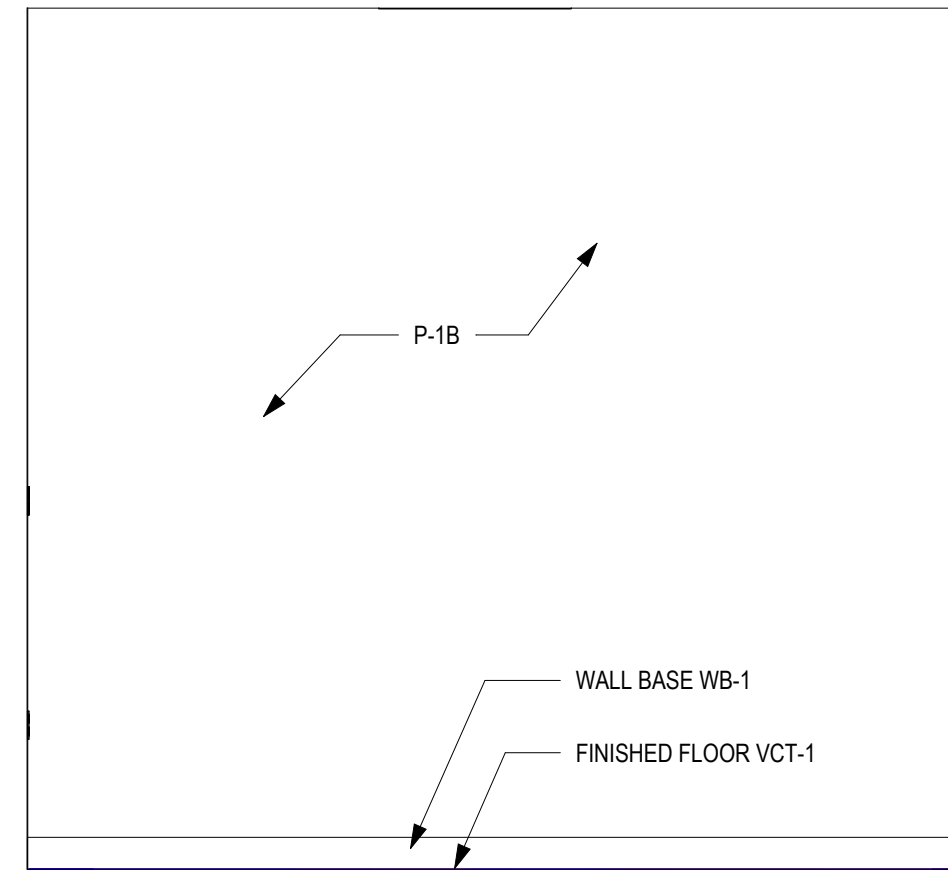
4 DET - CURTAIN TRACK ON BULK HEAD SOFFIT
3" = 1'-0"

3 DET - BULK HEAD SOFFIT
3" = 1'-0"

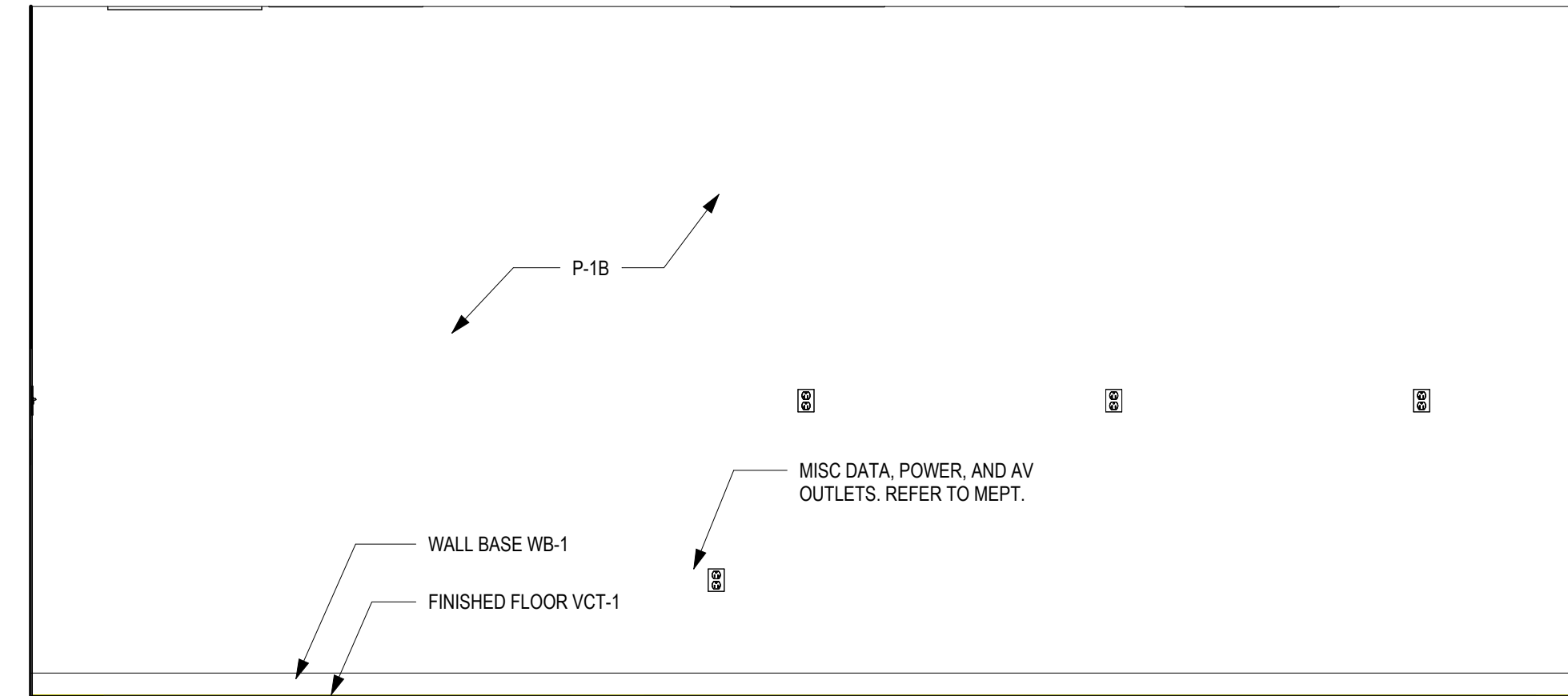
2 ENLARGED RCP - ROOMS 0024 TO 0026
1/4" = 1'-0"



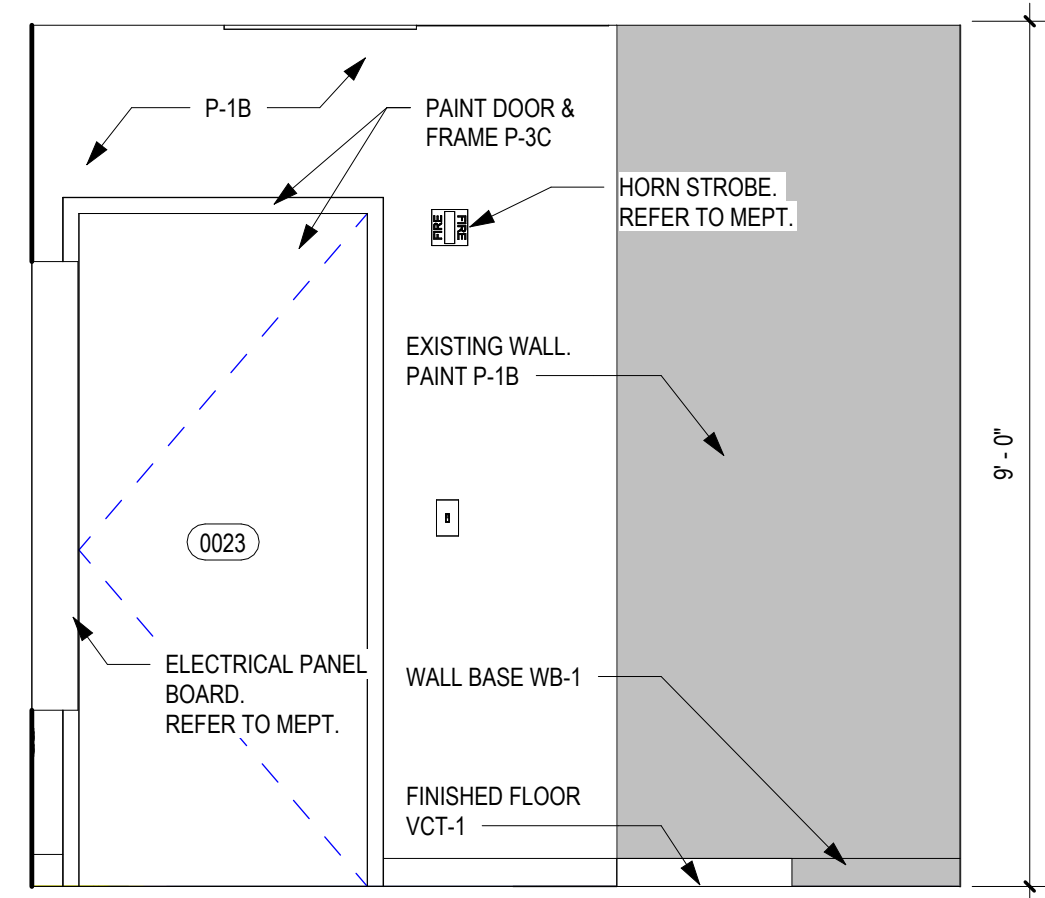
1 ELEV - STORAGE 00223 - NORTH
1/2" = 1'-0"



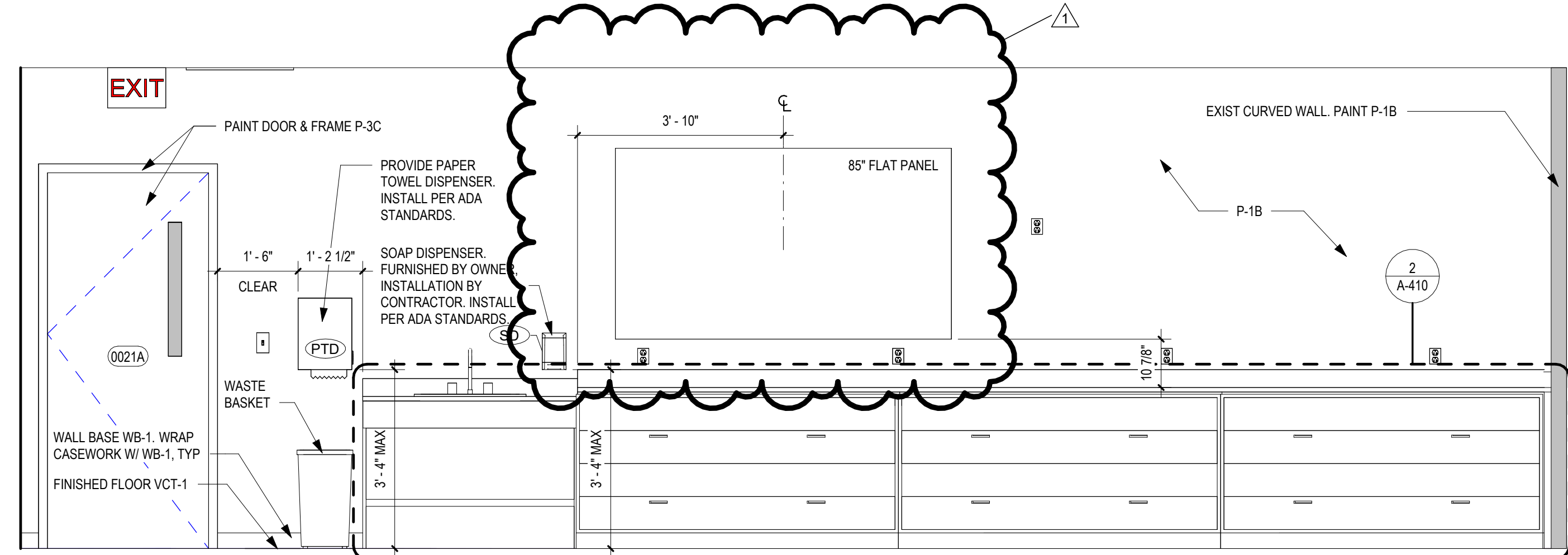
3 ELEV - STOR. 0023 - EAST
1/2" = 1'-0"



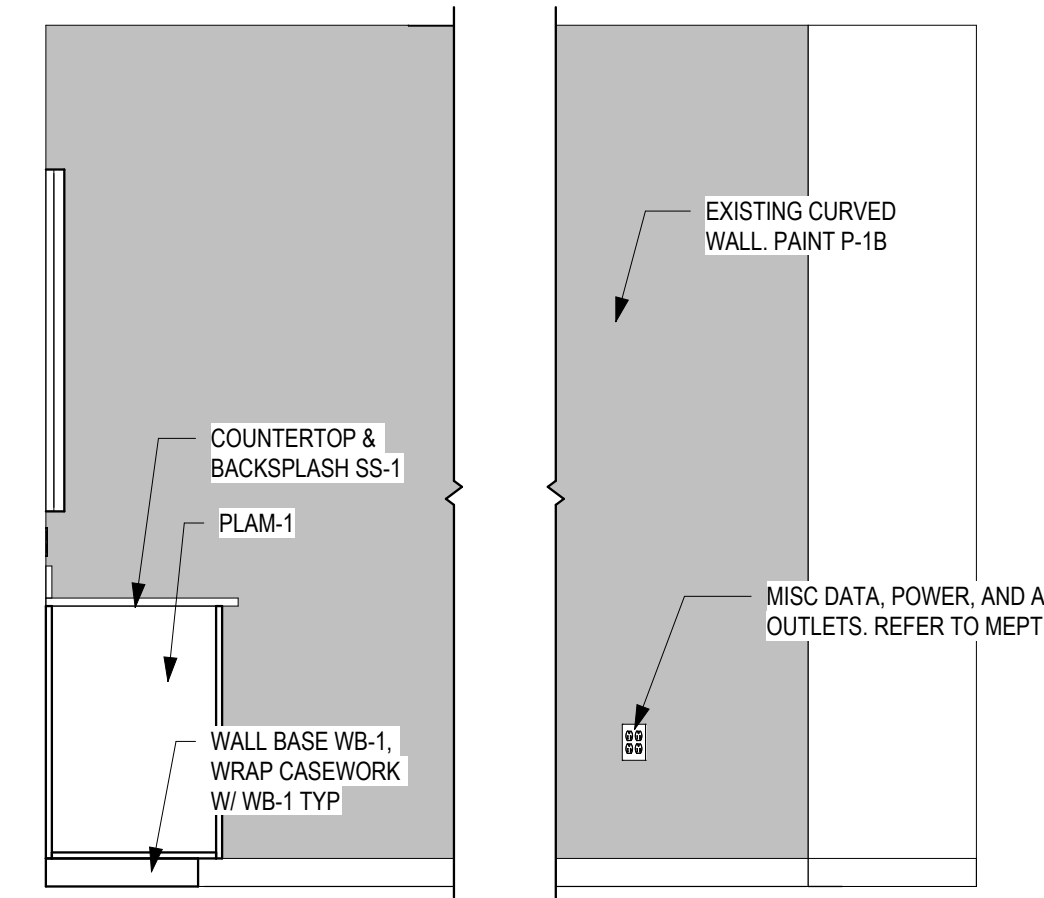
2 ELEV - STORAGE 0223 - SOUTH
1/2" = 1'-0"



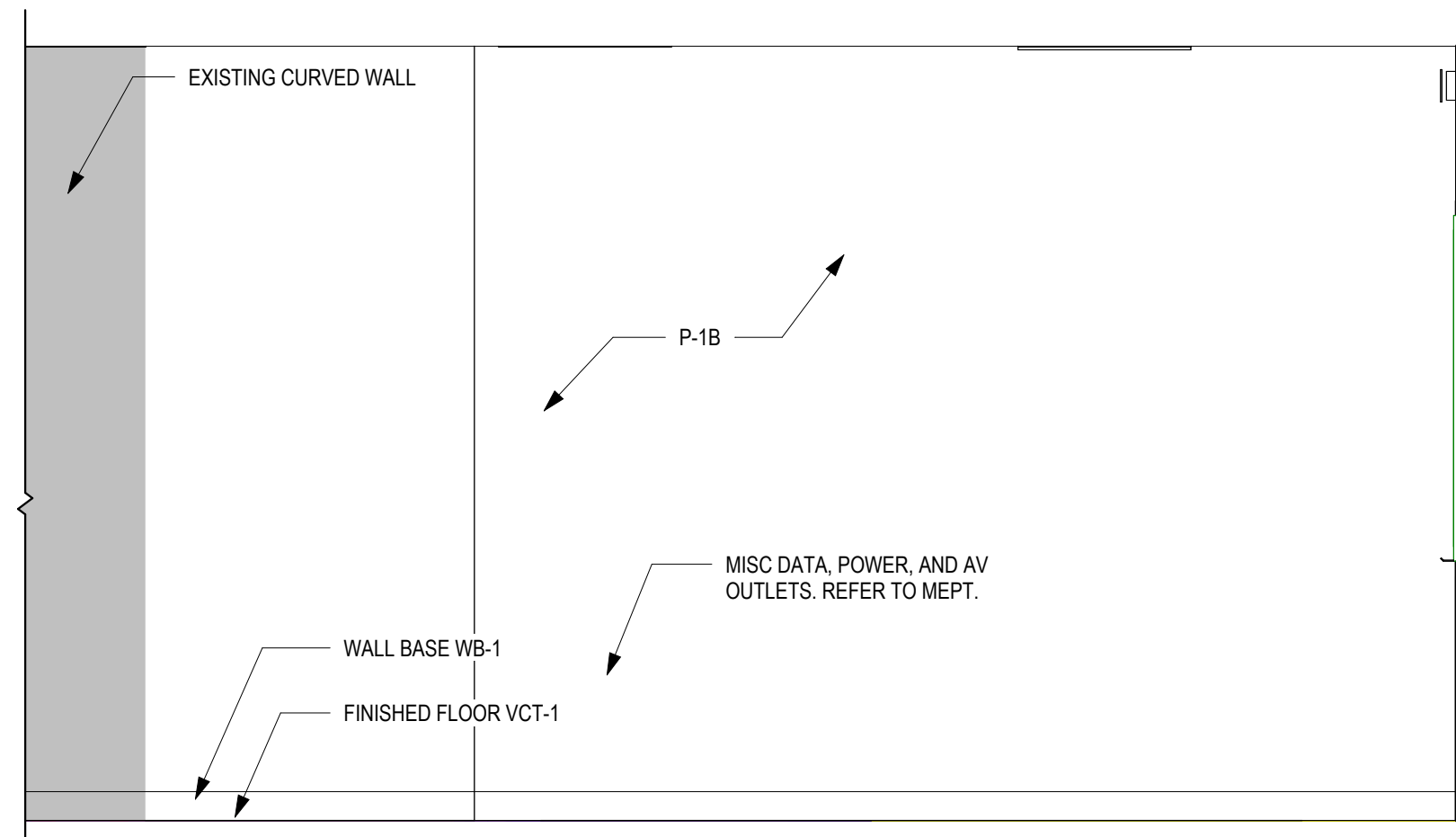
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1/2" = 1'-0"



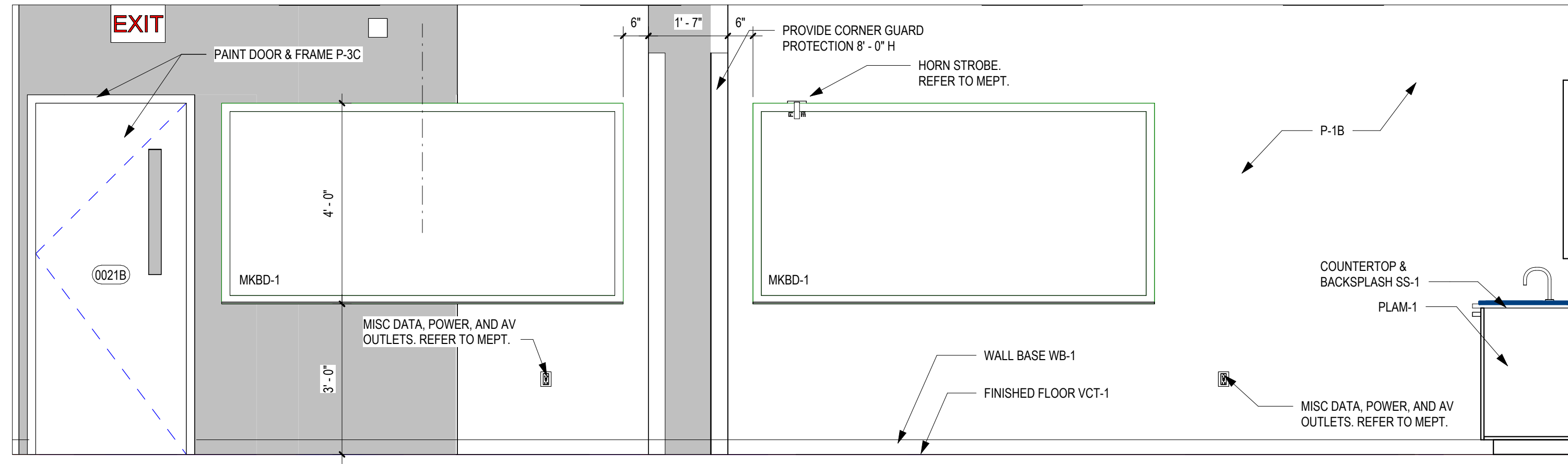
5 ELEV - ROOM 0021 - NORTH
1/2" = 1'-0"



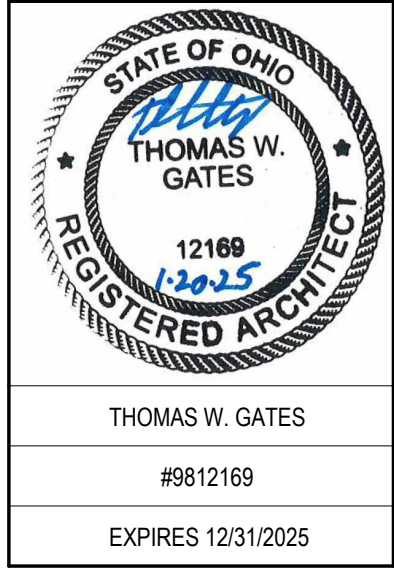
6 ELEV - ROOM 0021 - EAST
1/2" = 1'-0"



7 ELEV - ROOM 0021 - SOUTH
1/2" = 1'-0"



8 ELEV - ROOM 0021 - WEST
1/2" = 1'-0"



SPGB Architects
4333-A TULLER ROAD
DUBLIN, OHIO 43017
PHONE: (614) 771-8963

DESIGNED BY: CW/OZ
DRAWN BY: CW/OZ
CHECKED BY: TG

DATE:	1/31/2025
REVISIONS:	ADDENDUM 01

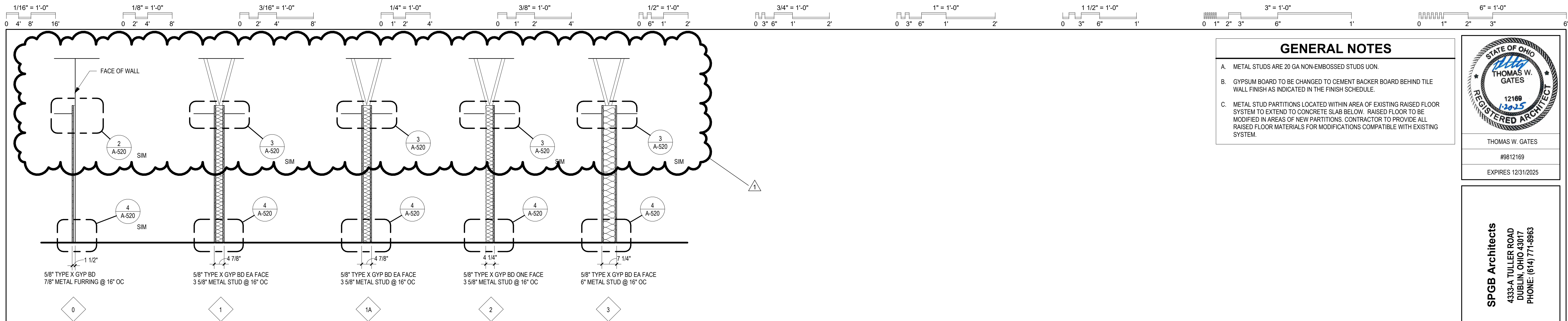
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Dublin, OH 43017

LOWER LEVEL INTERIOR ELEVATIONS CONT.

SCALE: 1/2" = 1'-0"

A-412

JOB NO.: 24011
DATE: 1/20/2025



GENERAL NOTES

A. METAL STUDS ARE 20 GA NON-EMBOSSED STUDS UON.

B. GYPSUM BOARD TO BE CHANGED TO CEMENT BACKER BOARD BEHIND TILE WALL FINISH AS INDICATED IN THE FINISH SCHEDULE.

C. METAL STUD PARTITIONS LOCATED WITHIN AREA OF EXISTING RAISED FLOOR SYSTEM TO EXTEND TO CONCRETE SLAB BELOW. RAISED FLOOR TO BE MODIFIED IN AREAS OF NEW PARTITIONS. CONTRACTOR TO PROVIDE ALL RAISED FLOOR MATERIALS FOR MODIFICATIONS COMPATIBLE WITH EXISTING SYSTEM.

STATE OF OHIO
 THOMAS W. GATES
 12169
 12/25
 REGISTERED ARCHITECT

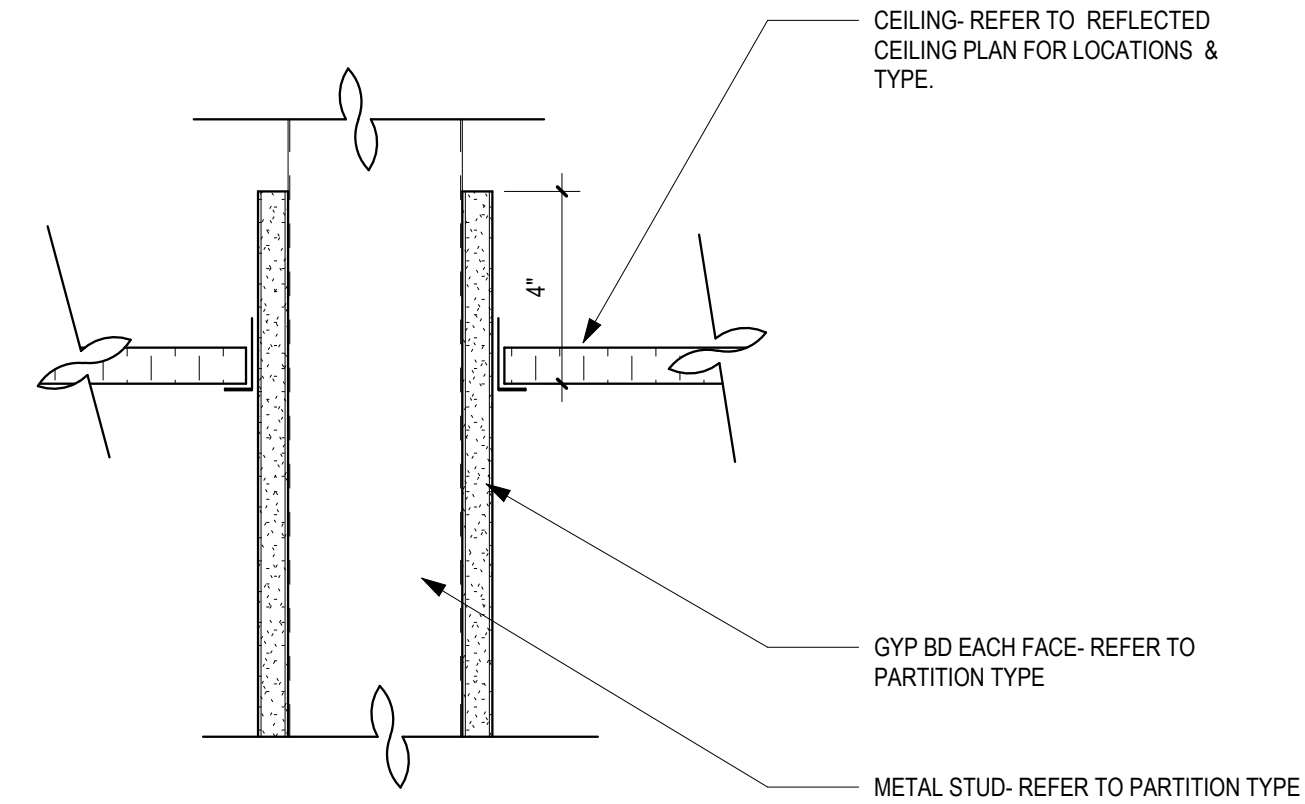
THOMAS W. GATES
 #9812169
 EXPIRES 12/31/2025

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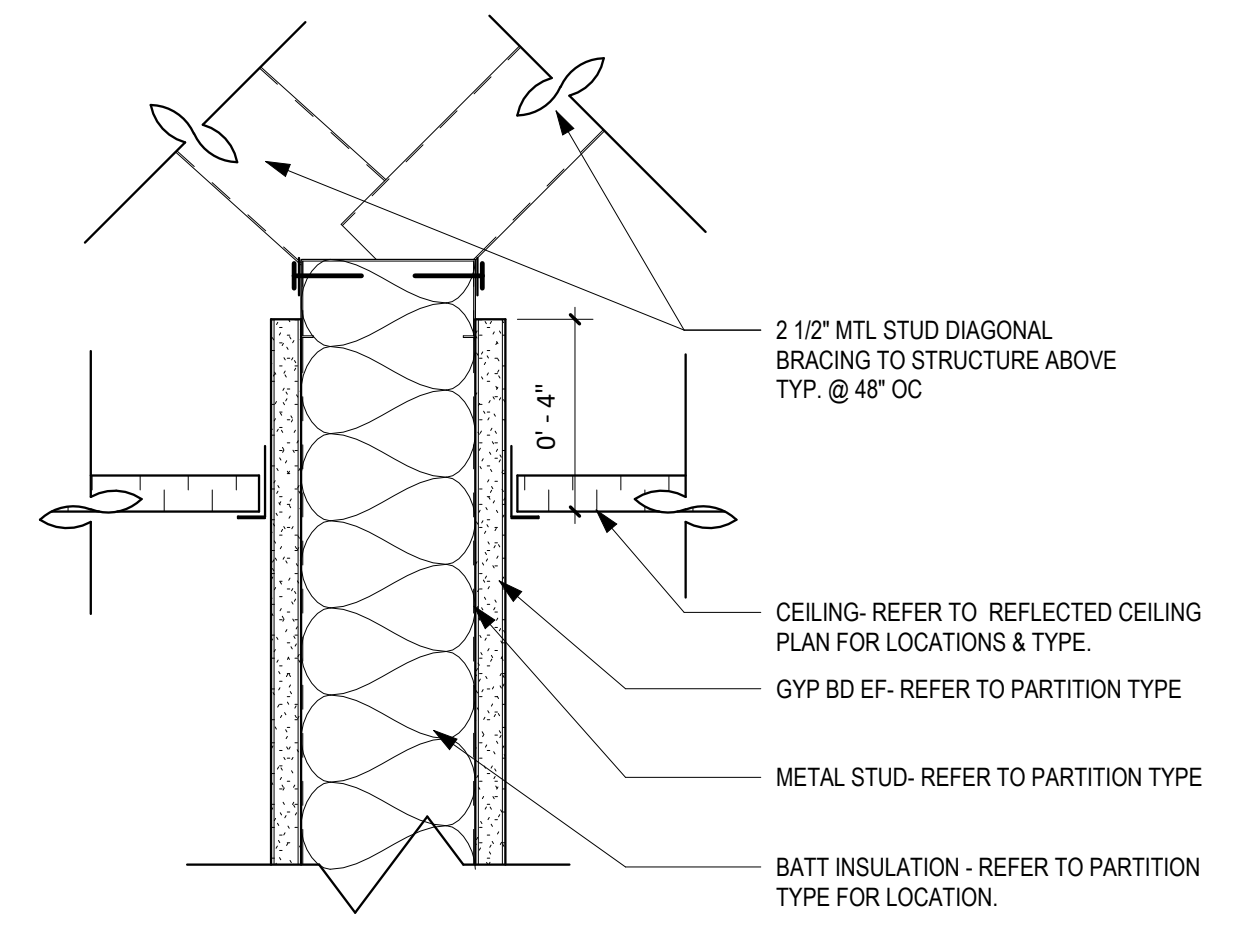
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REVISIONS:	ADDENDUM 01

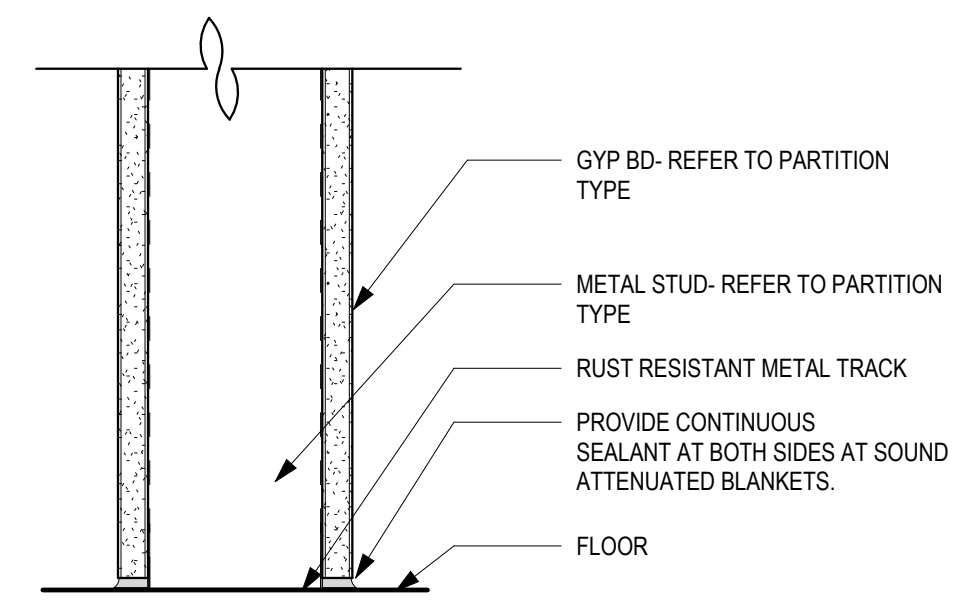
1 PARTITION TYPES
 1/2" = 1'-0"



2 DET- CLG @ GYP BD PARTITION TYP
 3" = 1'-0"



3 DET- CLG @ BRACE GYP BD PARTITION
 3" = 1'-0"



4 DET- FLR @ GYP BD PARTITION TYP
 3" = 1'-0"

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INTERIOR PARTITION TYPES

SCALE: As indicated

A-520

JOB NO.: 24011

DATE: 1/20/2025

1/16" = 1'-0" 1/8" = 1'-0" 3/16" = 1'-0" 1/4" = 1'-0" 3/8" = 1'-0" 1/2" = 1'-0" 3/4" = 1'-0" 1" = 1'-0" 1 1/2" = 1'-0" 3" = 1'-0" 6" = 1'-0"

GENERAL NOTES
 A. ALL FURNISHINGS SHOWN ARE PROVIDED BY OWNER, UON. FURNITURE LAYOUT FOR REFERENCE ONLY.

CODED NOTES X
 1 ALLOWANCE NO. 1 - PARTIAL HEIGHT SYSTEMS PARTITION, DOOR AND FRAME.

STATE OF OHIO
 THOMAS W. GATES
 REGISTERED ARCHITECT
 12168
 12025

THOMAS W. GATES
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 EXPIRES 12/31/2025

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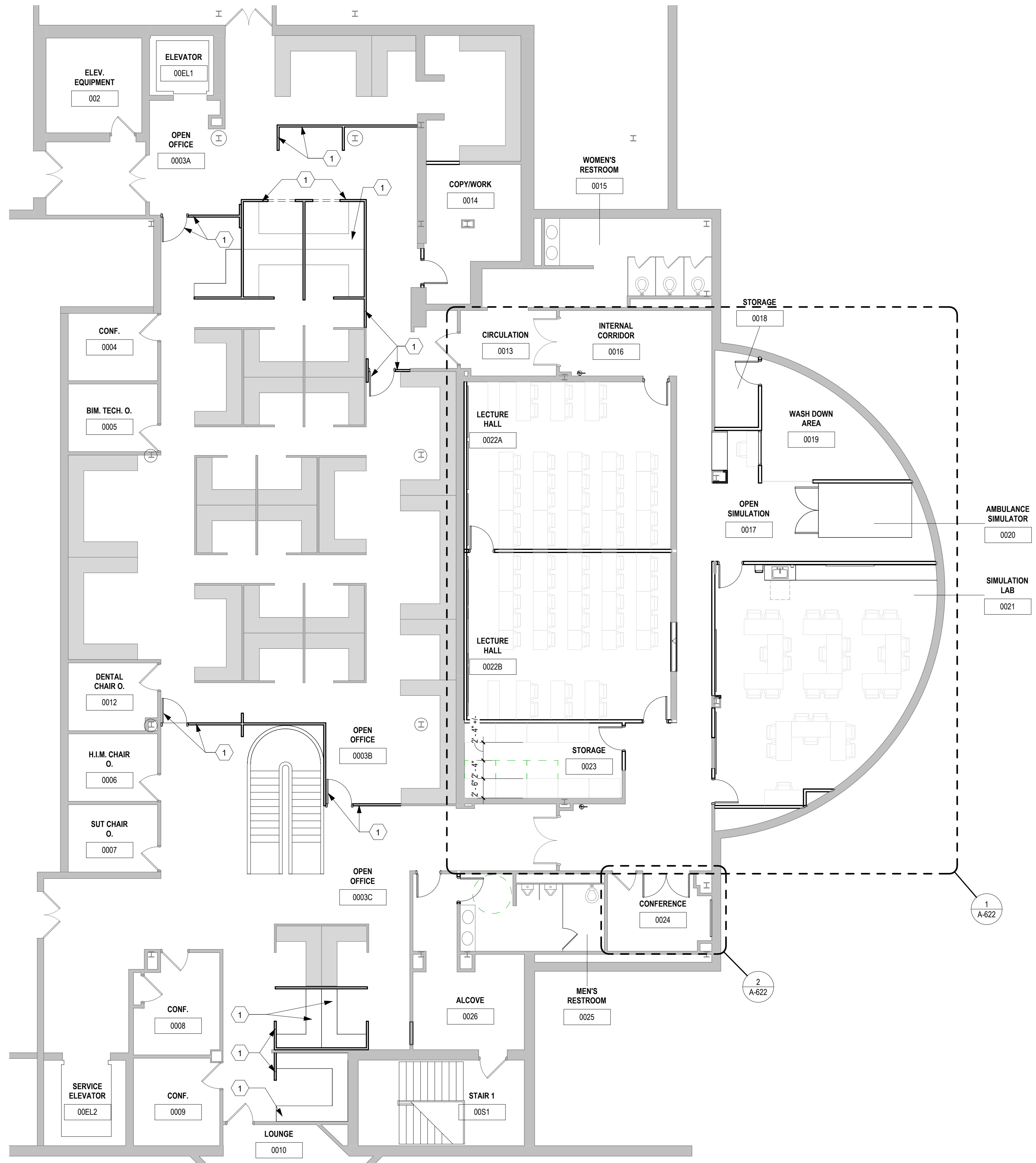
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REVISIONS:	ADDENDUM 01

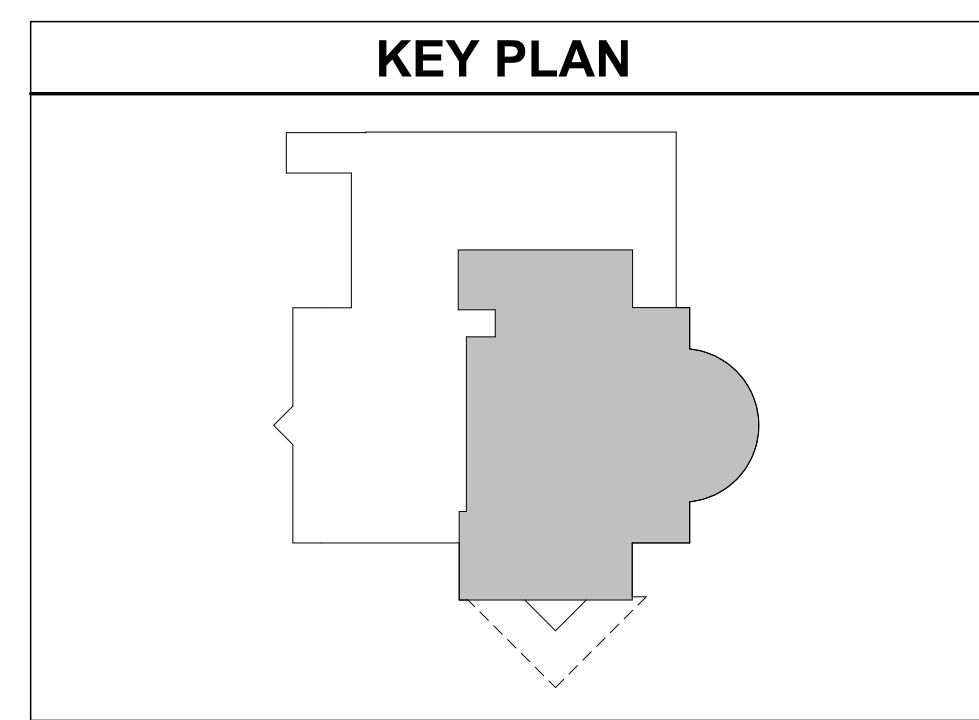
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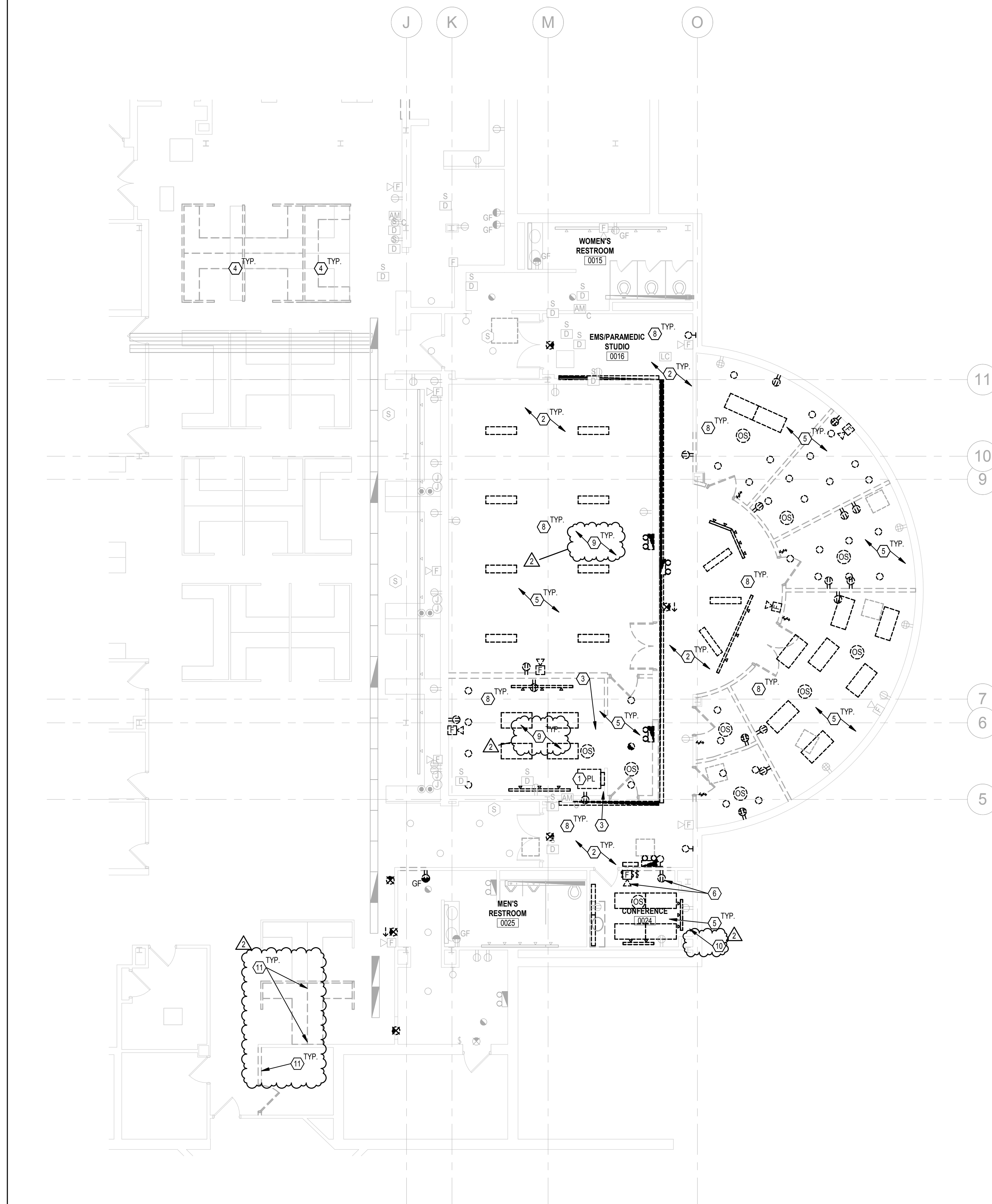
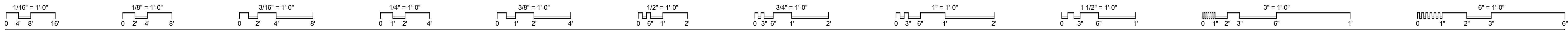
PARTIAL LOWER LEVEL FURNITURE & EQUIPMENT PLAN

SCALE: 1/8" = 1'-0"
A-621
 JOB NO.: 24011
 DATE: 1/20/2025



1 PARTIAL LOWER LEVEL FURNITURE & EQUIPMENT PLAN
 1/8" = 1'-0"



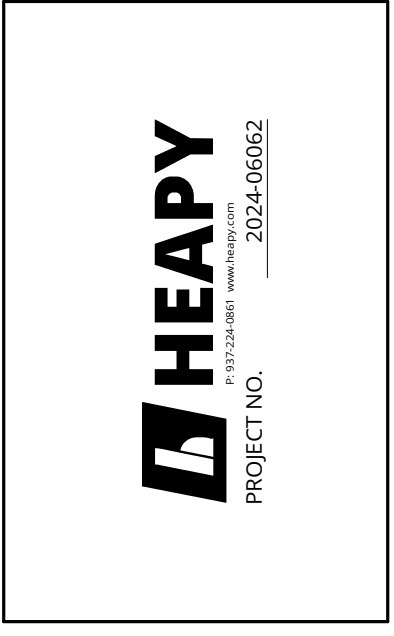
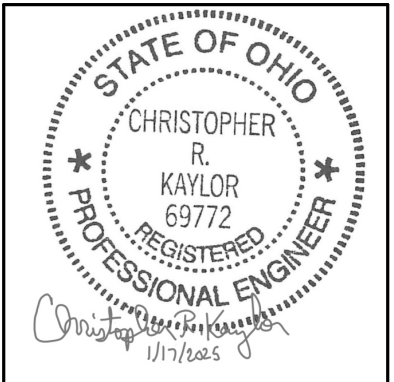


PLAN NOTES

1. E.C. SHALL REMOVE EXISTING PANEL PL AND REUSE EXISTING FEEDER FOR NEW PANEL PL IN NEW LOCATION AS ABLE. SAWCUT FLOOR AS NEEDED TO RELOCATE AND EXTEND EXISTING FEEDER TO NEW LOCATION. REFER TO NOTE 1 ON SHEET E200 FOR NEW LOCATION AND MORE INFORMATION.
2. MAINTAIN EXISTING LIGHTING CIRCUITS IN CORRIDOR AS INDICATED.
3. REMOVE AND RELOCATE EXISTING CONDUITS AND ANY ASSOCIATED WIRING. IF CONDUIT/WIRING IS ABANDONED AND IN CONFLICT WITH NEW WORK, E.C. SHALL REMOVE ACCORDINGLY.
4. DISCONNECT AND MAINTAIN EXISTING FURNITURE FLOOR POWER CONNECTIONS FOR ROTATED FURNITURE AND RECONNECT AS REQUIRED.
5. REMOVE EXISTING LIGHTING FIXTURES AND LIGHTING CONTROLS AS INDICATED IN SPACES TO BE DEMOLISHED AND MAINTAIN EXISTING LIGHTING CIRCUIT TO SERVE NEW LIGHT FIXTURES IN SPACE.
6. IF ALTERNATE 1 IS ACCEPTED, REMOVE EXISTING FIRE ALARM DEVICE AND DOUBLE DUPLEX RECEPTACLE AS INDICATED. IF ALTERNATE 1 IS NOT ACCEPTED, MAINTAIN EXISTING FIRE ALARM DEVICE AND EXISTING DOUBLE DUPLEX RECEPTACLE AS INDICATED.
7. IF ALTERNATE 2 IS ACCEPTED, REMOVE EXISTING EXIT SIGNS AND RECEPTACLE AS INDICATED. IF ALTERNATE 2 IS NOT ACCEPTED, MAINTAIN EXISTING EXIT SIGNS AND RECEPTACLE AS INDICATED.
8. E.C. SHALL MAINTAIN ALL LIGHTING CONTROL EQUIPMENT/DEVICES ABOVE AREA OF WORK THROUGHOUT ALL DEMO AND NEW WORK. EQUIPMENT AND DEVICES ARE LOCATED ABOVE CEILING.
9. E.C. SHALL REMOVE THE EXISTING DIMMING SYSTEM, EQUIPMENT AND DIMMING CARDS IN EQUIPMENT, AND TURN OVER TO SINCLAIR. COORDINATE ALL ITEMS TO BE TURNED OVER WITH SINCLAIR.
10. MAINTAIN EXISTING JUNCTION BOX CONTAINING EXTERIOR LIGHTING CIRCUITS ABOVE CEILING IN THIS SPACE THROUGHOUT DEMO AND NEW WORK.
11. IF ALTERNATE 2 IS ACCEPTED, DISCONNECT AND MAINTAIN EXISTING FURNITURE FLOOR POWER CONNECTIONS FOR ROTATED FURNITURE AND RECONNECT AS REQUIRED. IF ALTERNATE 2 IS NOT ACCEPTED, NO WORK SHALL BE DONE IN THIS AREA.

GENERAL NOTES

- A. A PORTION OF THIS FLOOR IN THE BUILDING WILL BE REMODELED UNDER THIS CONTRACT. REFER TO ARCHITECTURAL DRAWINGS FOR AREAS WHERE DEMO AND NEW WORK WILL OCCUR. E.C. SHALL REMOVE, ELECTRICAL DEVICES, SYSTEM COMPONENTS AND OTHER EQUIPMENT ASSOCIATED WITH DIVISION 26, 27, AND 28 TO ACCOMMODATE ALL NEW CONSTRUCTION AND REMODELING IN THESE AREAS. ONLY EXISTING RECESSED DEVICES, DEVICES SERVING EXISTING EQUIPMENT TO REMAIN, AND DEVICES INDICATED AS EXISTING SHALL BE MAINTAINED ACTIVE (UNLESS INDICATED OTHERWISE). REFER TO GENERAL NOTES "I" AND "J", ON SHEET E001.
- B. ALL EQUIPMENT, LIGHT FIXTURES, CONDUIT, CONDUCTORS, FIRE ALARM WIRING, AND ANY OTHER ELECTRICAL RELATED EQUIPMENT BEING MOUNTED IN THE CEILING OR ABOVE THE CEILING SHALL BE PLENUM RATED.
- C. WHERE NEW DEVICE(S) ARE TO BE PROVIDED ON EXISTING SOLID BLOCK WALL, PROVIDE WITH SURFACE RACEWAY PER GENERAL NOTE G, SHEET E001. WHERE NEW DEVICES ARE SHOWN ON NEW WALL OR EXISTING STUD WALLS DEVICES SHALL BE RECESSED. INTENT IS THAT WHERE EVER POSSIBLE DEVICES SHALL BE RECESSED.
- D. WHERE CONDUITS ARE EXPOSED THEY SHALL BE MOUNTED TIGHT TO THE CEILING STRUCTURE AND PAINTED TO MATCH WALL SURFACES.
- E. ALL EXISTING RECESSED DEVICES TO REMAIN IN AREAS WHERE THERE IS WORK SHALL BE PROVIDED WITH NEW DEVICES AND COVER PLATE. E.C. IS RESPONSIBLE TO VERIFY AND PROVIDE PROPER WIRING (PER NEC) TO EXISTING (TO REMAIN) DEVICES PER GENERAL NOTE N, SHEET E001. E.C. SHALL PROVIDE NEW BLANKS OVER RECESSED NON-USED BACK BOXES.
- F. ALL EXISTING TO REMAIN DEVICES LOCATED ON NEWLY FURRED OUT WALLS SHALL BE PROVIDED WITH EXTENSION BOXES AND BE MOUNTED FLUSH IN NEW WALL.
- G. E.C. IS RESPONSIBLE TO PROVIDE ANY AND ALL ELECTRICAL WORK AND ROUGH-INS ASSOCIATED AND CALLED OUT ON THE TECHNOLOGY DRAWINGS/DETAILS. REFER TO TECHNOLOGY DRAWINGS FOR EXACT SCOPE OF WORK AND PROVIDE ACCORDINGLY.
- H. E.C. IS RESPONSIBLE FOR REMOVAL OF ANY/ALL CEILINGS TO ACCOMMODATE WORK ASSOCIATED WITH ROUTING OF NEW CONDUIT AND WIRING TO NEW EQUIPMENT/FURNITURE LOCATIONS. E.C. SHALL PROVIDE ALL CORE DRILLS AS REQUIRED TO PROVIDE POWER TO NEW EQUIPMENT/FURNITURE.
- I. WHERE REMOVAL OF ELECTRICAL DEVICES/BOXES OCCURS, PATCH AS REQUIRED AND REFER TO GENERAL NOTE F ON SHEET E001 FOR MORE INFORMATION.
- J. E.C. SHALL MAINTAIN ALL LIGHTING CONTROL EQUIPMENT/DEVICES ABOVE AREA OF WORK THROUGHOUT ALL DEMO AND NEW WORK. EQUIPMENT AND DEVICES ARE LOCATED ABOVE CEILING.



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 CHECKED BY: CRK

REVISIONS	DATE
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ADDENDUM 1	01/13/25

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LOWER LEVEL FLOOR PLAN - DEMOLITION

SCALE: 1/8" = 1'-0"

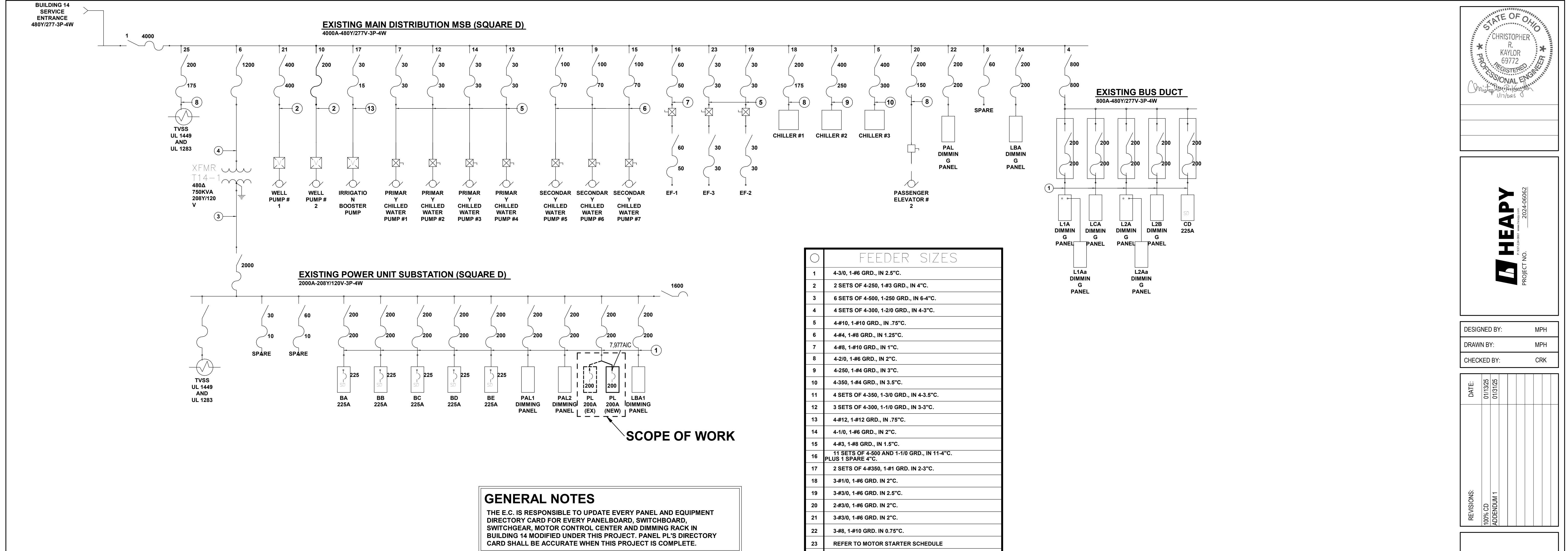
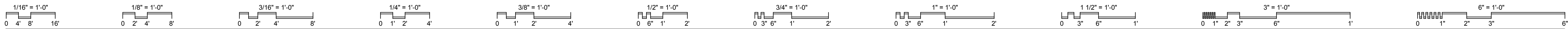
ED100

JOB NO.: 24011

DATE: 1/20/2025

1 ELECTRICAL LOWER LEVEL
 SCALE: 1/8" = 1'-0"





Ø	FEEDER SIZES
1	4-3/0, 1-#6 GRD., IN 2.5°C.
2	2 SETS OF 4-250, 1-#3 GRD., IN 4°C.
3	6 SETS OF 4-500, 1-250 GRD., IN 6-4°C.
4	4 SETS OF 4-300, 1-2/0 GRD., IN 4-3°C.
5	4-#10, 1-#10 GRD., IN .75°C.
6	4-#4, 1-#8 GRD., IN 1.25°C.
7	4-#8, 1-#10 GRD., IN 1°C.
8	4-2/0, 1-#6 GRD., IN 2°C.
9	4-250, 1-#4 GRD., IN 3°C.
10	4-350, 1-#4 GRD., IN 3.5°C.
11	4 SETS OF 4-350, 1-3/0 GRD., IN 4-3.5°C.
12	3 SETS OF 4-300, 1-1/0 GRD., IN 3-3°C.
13	4-#12, 1-#12 GRD., IN .75°C.
14	4-1/0, 1-#6 GRD., IN 2°C.
15	4-#3, 1-#8 GRD., IN 1.5°C.
16	11 SETS OF 4-500 AND 1-1/0 GRD., IN 11-4°C. PLUS 1 SPARE 4°C.
17	2 SETS OF 4-#350, 1-#1 GRD. IN 2-3°C.
18	3-#1/0, 1-#6 GRD. IN 2°C.
19	3-#3/0, 1-#6 GRD. IN 2.5°C.
20	2-#3/0, 1-#6 GRD. IN 2°C.
21	3-#3/0, 1-#6 GRD. IN 2°C.
22	3-#8, 1-#10 GRD. IN 0.75°C.
23	REFER TO MOTOR STARTER SCHEDULE
24	4-#4/0, 1-#4 GRD., IN 2.5°C.

GENERAL NOTES

THE E.C. IS RESPONSIBLE TO UPDATE EVERY PANEL AND EQUIPMENT DIRECTORY CARD FOR EVERY PANELBOARD, SWITCHBOARD, SWITCHGEAR, MOTOR CONTROL CENTER AND DIMMING RACK IN BUILDING 14 MODIFIED UNDER THIS PROJECT. PANEL PL'S DIRECTORY CARD SHALL BE ACCURATE WHEN THIS PROJECT IS COMPLETE.

1 PARTIAL ELECTRICAL SINGLE-LINE (FOR REFERENCE ONLY)

Panel: PL (REPLACED/NEW) ①

Location: STORAGE 0023
Supply From: EXISTING POWER UNIT SUBSTATION
Voltage: 208Y/120V-3PH-4W

Mounting: Surface
Enclosure: Type 1

A.I.C. Rating: 10,000
Mains Type: MCB
Mains Rating: 200 A

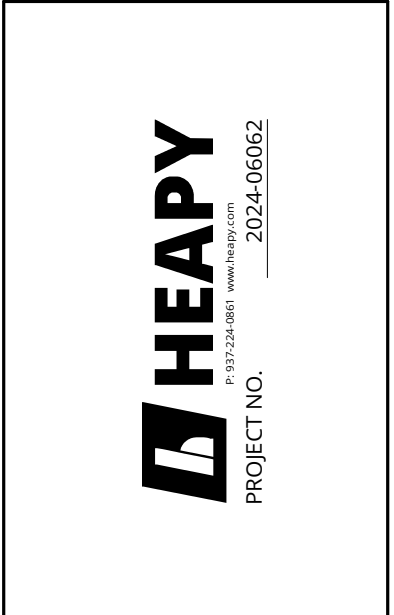
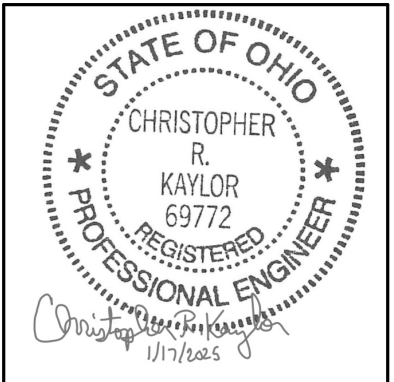
CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	LECTURE DESK PWR	20 A	1	1500...	1500...			1	20 A LECTURE DESK PWR	2	
3	LECTURE DESK PWR	20 A	1		1500...	1500...		1	20 A LECTURE DESK PWR	4	
5	LECTURE DESK PWR	20 A	1			1500...	1500...	1	20 A LECTURE DESK PWR	6	
7	LECTURE DESK PWR	20 A	1	1500...	1500...			1	20 A LECTURE DESK PWR	8	
9	LECTURE DESK PWR	20 A	1		1500...	1500...		1	20 A LECTURE DESK PWR	10	
11	R-Room 0037, 0030...	20 A	1			540 VA 860 VA		1	20 A R-Room 0030, 0029	12	
13	R-Room 0032, 0037...	20 A	1	1080...	360 VA			1	20 A SIM CORD REEL	14	
15	SIM CORD REEL	20 A	1		360 VA 720 VA			1	20 A R-SIM	16	
17	AMBULANCE	20 A	1			180 VA 360 VA		1	20 A R-OPERATING STN	18	
19	R-LECTURE HALL...	20 A	1	860 VA 180 VA				1	20 A AMBULANCE	20	
21	DRAIN PUMP	20 A	1		360 VA 180 VA			1	20 A SMOKE DAMPER	22	
23	R-TV 0021	20 A	1			500 VA 4500...		1	20 A R-LECTURE HALL...	24	
25	R-LECTURE HALL	20 A	1	1500...	600 VA			1	20 A MENS BR. DOOR	26	
27	CLOCKS	20 A	1		125 VA 540 VA			1	20 A R-STORAGE 0023 N	28	
29	R-STORAGE 0023 S	20 A	1			540 VA 0 VA		1	20 A Spare	30	
31	Spare	20 A	1	0 VA	0 VA			1	20 A Spare	32	
33	Spare	20 A	1		0 VA 0 VA			1	20 A Spare	34	
35	Spare	20 A	1			0 VA 0 VA		1	20 A Spare	36	
37	Spare	20 A	1	0 VA	0 VA			1	20 A Spare	38	
39	Spare	20 A	1		0 VA 0 VA			1	20 A Spare	40	
41	Spare	20 A	1			0 VA 0 VA		1	20 A Spare	42	
Total Load:				13.58 kVA	8.29 kVA	10.48 kVA					
Load Classification		Connected...	Demand Factor	Estimated...	Panel Totals						
Motor		600 VA	125.00%	750 VA	Total Conn. Load: 32.35 kVA						
Receptacle		31745 VA	65.75%	20873 VA	Total Est. Demand: 21.62 kVA						
					Total Conn.: 90 A						
					Total Est. Demand: 60 A						

Notes:

TOTAL CONNECTED	ESTIMATED DEMAND
32.35 kVA (2)	21.62 kVA (60 A) (2)

PANEL SCHEDULE NOTES

- UTILIZE EXISTING FEEDER TO SERVE NEW PANEL IN NEW LOCATION AS INDICATED. REFER TO NOTE 1 ON SHEETS ED100 AND E100 FOR MORE INFORMATION.
- THE NEW LOAD ALONG WITH THE EXISTING LOAD DO NOT EXCEED THE EXISTING PANELBOARD'S CONNECTED LOAD/DEMAND LOAD RATINGS AND CHARACTERISTICS.



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REVISIONS	DATE	DESCRIPTION
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ADDENDUM 1	01/13/25	

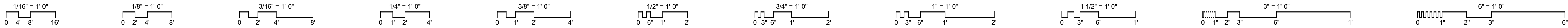
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444 West 380 Street
Dayton, OH 45402

PANEL SCHEDULES & SINGLE LINE

SCALE: 1/8" = 1'-0"

E002

JOB NO.: 24011
DATE: 1/20/2025

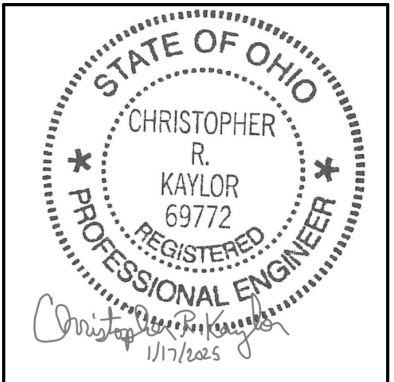


LUMINAIRES

MARK	TYPE	FIXTURE SPECS				LOAD (VA)	FIXTURE VOLTAGE	MANUFACTURER	CATALOG NO.	DESCRIPTION	OTHER ACCEPTABLE MANUFACTURERS	DIFFUSING MEDIA	TRIM COLOR				MOUNTING	SIZE				SEE NOTE
		VA / LINEAR FOOT	DELIVERED LUMENS	COLOR	MARK								WHITE	BLACK	ALUMINUM	BRONZE		STANDARD	DIA	WIDTH	LENGTH	
A1	X	4	345/FT	3500K	32	277	MARK ARCHITECTURAL	SL6L-LOP-8FT-FLP-TG-80CRI-35K-400LMF-MIN1-277-ZT	6\"	LED RECESSED LINEAR	LUMENWERX, LITECONTROL, LEDALITE	ACRYLIC LENS					R	6\"	96\"	4.375\"	1,2	
B1	X		3440	3500K	31	277	LITHONIA	2ALL2-CTRF-33L-EZ1-LP835		2X2 LED TROFFER	LITHONIA, DAYBRITE, COLUMBIA, UTOPIA	ACRYLIC LENS				R	24\"	24\"	3.75\"	1,2		
B2	X		4945	3500K	41	277	LITHONIA	2WRTL-G-L24-5000LM-OAW-AFL-MD-MVOLT-GZ1-35K-80CRI-WH		2X2 WET-LOCATION LED TROFFER	COLUMBIA, UTOPIA	WET-LISTED ACRYLIC LENS				R	24\"	24\"	4\"	1,2		
X1	X		-	RED		277	LITHONIA	EDGR-X-1-RMR		LED EXIT SIGN	DUALITE, CHLORIDE	RED LETTERS ON MIRRORRED FACE				WMCS				1,3,4		

LUMINAIRE SCHEDULE NOTES

- COORDINATE MOUNTING HARDWARE WITH CEILING TYPE, LOCATION ON PLANS AND ARCHITECTURAL DRAWINGS PRIOR TO ORDERING AND PROVIDE ACCORDINGLY. PROVIDE CEILING ADAPTERS FOR MOUNTING ON SLOPED AND FLAT CEILING SURFACES TO OBTAIN A NEAT AND FINISHED APPEARANCE. SCOPE INCLUDES ALL OUTLET BOXES, SUPPORT MEMBERS, CHAIN/CABLE SUPPORTS, FITTINGS AND ALL OTHER LABOR AND MATERIALS TO OBTAIN A COMPLETE INSTALLATION.
- TRIM TO MATCH OR BE PAINTED TO MATCH CEILING COLOR WHERE FIXTURE IS MOUNTED. E.C. SHALL PROVIDE ACCORDINGLY.
- PROVIDE ARROWS AS INDICATED ON PLANS. COORDINATE EXACT MOUNTING ARRANGEMENT WITH CEILING AND WALL CONSTRUCTION PRIOR TO ROUGH-IN. INTENT IS TO HAVE WALL MOUNTED EXIT LIGHT FIXTURES UNLESS CONDITIONS DO NOT FACILITATE.
- WIRE EXIT LIGHTS TO BRANCH CIRCUITRY AS INDICATED ON PLANS. WIRE AHEAD OF ALL SWITCHING AND CONTROLS FOR CONTINUOUS OPERATION.



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 CHECKED BY: CRK

DATE:	01/13/25	01/13/25
REVISIONS:	100% CD	ADDENDUM 1

LIGHTING CONTROL SEQUENCE OF OPERATIONS

NOTES:
 1) PROVIDE NEW CORRIDOR CONTROLS TO MATCH EXISTING CORRIDOR CONTROLS IN SPACE AND PROVIDE COVERAGE FOR NEW LAYOUT.

CONTROL NUMBER	TYPICAL CONTROL TYPE OR SPACE NAME	OCCUPANCY SENSOR		TIME CLOCK		WALL SWITCH			DAYLIGHT SENSOR		DETAIL NUMBER
		VACANCY MODE (MANUAL ON)	OCCUPANCY MODE (AUTO ON)	SCHEDULED ON AT	SCHEDULED OFF AT	ON / OFF ONLY	DIMMER SWITCH	SCENE SWITCH	INDOOR - DIMMING	EXTERIOR PHOTOCELL - ON / OFF	
CO	CORRIDOR			EXISTING	EXISTING						5/E004
MVD	MULTI ZONE - VACANCY SENSING WITH DIMMING										3/E004
SV	SINGLE ZONE - VACANCY SENSING										1/E004
SVD	SINGLE ZONE - VACANCY SENSING WITH DIMMING										2/E004

SCHEDULE OF REQUIRED UL FIRESTOP SYSTEMS

NOTE TO INSTALLERS: ONLY THE FOLLOWING UL CLASSIFIED FIRESTOP SYSTEMS SHALL BE ACCEPTED IN THIS FACILITY

SCHEDULE OF APPROVED FIRESTOP SYSTEMS	SLEEVED	INSULATED	PRODUCT(S)	CONCRETE FLOOR	CONCRETE WALL	GWB WALL
ELECTRICAL PENETRATIONS						
SINGLE CONDUIT	NO	NO	LCI SEALANT	CAJ-1080	CAJ-1080	W L-1049
MULTIPLE METALLIC	NO	NO	LCI SEALANT	-	-	W L-1093
MULTIPLE METALLIC	NO	NO	LCI SEALANT	-	-	W L-1168
MULTIPLE MIXED CONDUITS AND TUBING	NO	YES	PILLOWS	CAJ-8093	CAJ-8093	-
MULTIPLE METALLIC	NO	NO	LCI SEALANT	CAJ-8093	CAJ-8053	W L-8003
FLUSH-MOUNTED ELECTRICAL AND VDV OUTLET BOXES	-	NO	PULLY PADS	-	-	CLV
COM/DATA PENETRATIONS						
SINGLE CABLE BUNDLE	NO	YES	SINGLE EZ-PATH	CAJ-3214	C-AJ-3214 OR W L-3099	W L-3219
MULTIPLE CABLE BUNDLES	NO	YES	GANGED EZ-PATHS	FA-3015	W J-3098	W L-3218
CENTER HUNG CABLE TRAY	NO	YES	PILLOWS	-	W J-4021	W L-4029
OPEN LADDER CABLE TRAY	NO	YES	PILLOWS	CAJ-4029	CAJ-4029	W L-4008
SINGLE INNERDUCT	OPTIONAL	NO	LCI SEALANT	CAJ-2140	CAJ-2140	W L-2093
MULTIPLE INNERDUCT	YES	YES	PILLOWS	-	W J-2054	W L-2178
GROUPED PENETRATIONS IN EXISTING BARRIERS						
MULTIPLE MIXED	-	YES	PILLOWS	CAJ-8093	CAJ-8093	-
MULTIPLE MIXED	-	NO	LCI SEALANT	CAJ-8113	CAJ-8113	-
MULTIPLE MIXED	-	NO	SSM MORTAR	CAJ-8114	CAJ-8114	-
MULTIPLE MIXED	-	NO	SSM MORTAR	CAJ-8115	CAJ-8115	-
HVAC PENETRATIONS						
NON-DAMPED RECTANGULAR DUCT	NO	-	LCI SEALANT	-	W J-7012	W L-7029
NON-DAMPED FLAT OVAL DUCT	NO	-	LCI SEALANT	-	W J-7013	W L-7033
NON-DAMPED SPIRAL DUCT	NO	-	LCI SEALANT	-	W J-7005	W L-7026
NON-DAMPED INSULATED DUCT	NO	-	SSS/SSW	-	W J-7011	W L-7028

NOTE: CONTRACTOR IS RESPONSIBLE TO PROVIDE A DRAWING INDICATING WHERE ALL PENETRATIONS ARE BEING MADE IN FIRE RATED ASSEMBLIES/WALLS. CONTRACTOR SHALL REFERENCE WHICH SCHEDULE ITEMS APPLY AND WHICH UL NUMBERS ARE BEING PROVIDED.

FIRESTOP SCHEDULE

EMS Classrooms & Sim Lab Bldg. 14
 Sinclair College
 444 West 38th Street
 Dayton, OH 45402

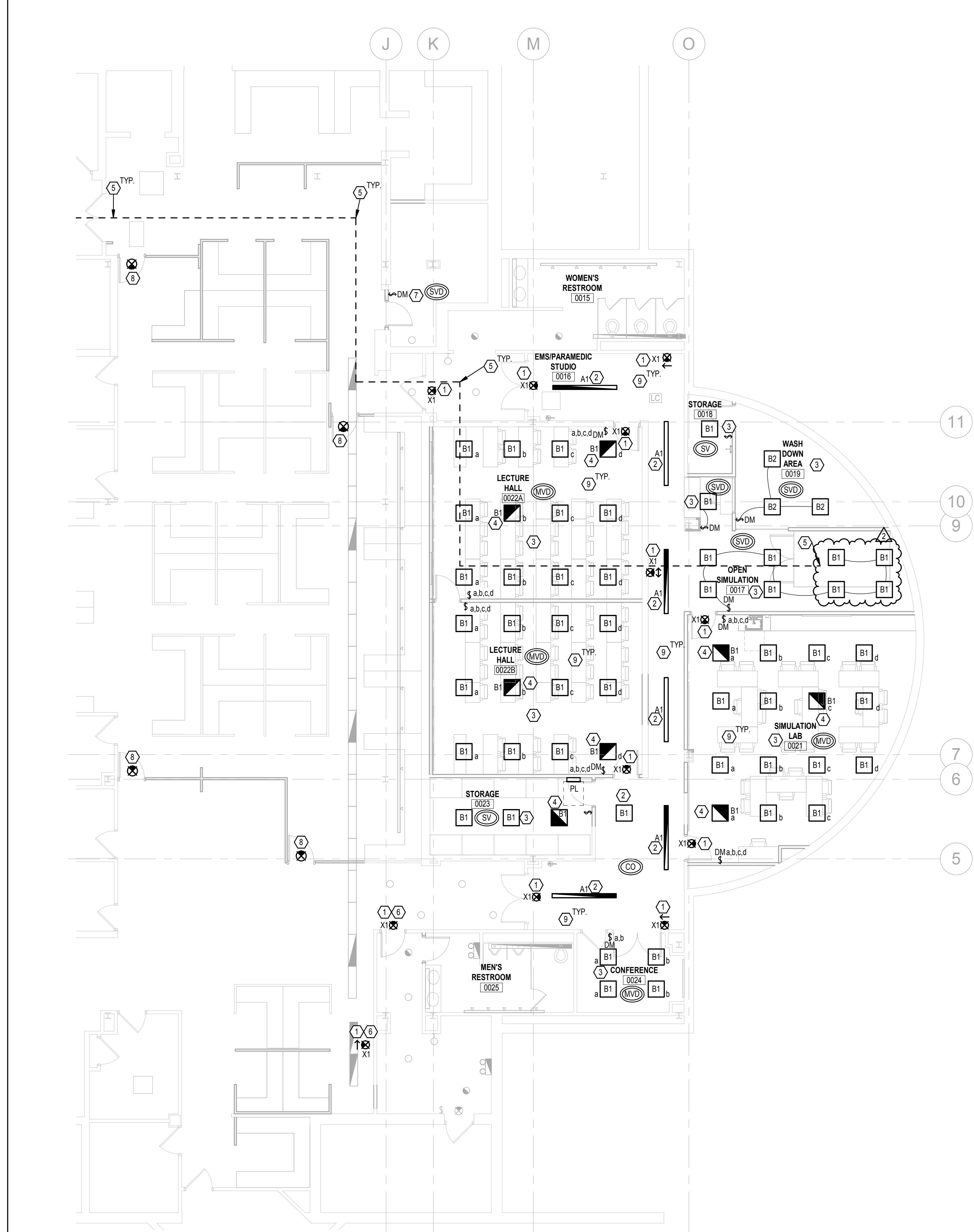
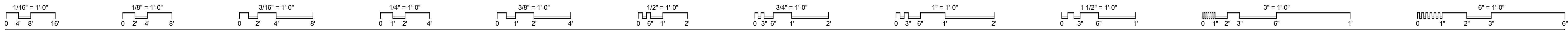
SCHEDULES

SCALE: 12" = 1'-0"

E003

JOB NO.: 24011

DATE: 1/20/2025

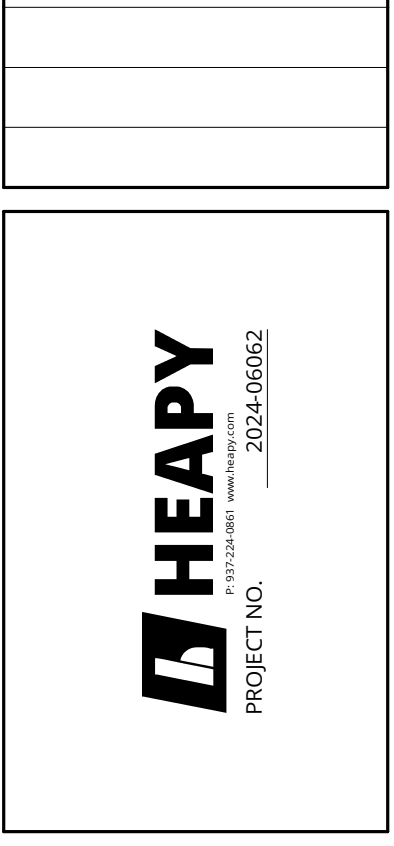
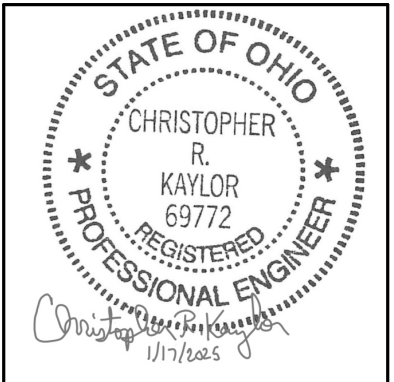


PLAN NOTES

1. WIRE ALL EXIT LIGHTING ON COMMON EMERGENCY CIRCUIT AHEAD OF ANY/ALL LOCAL SWITCHES AND SENSORS. EXIT LIGHTS SHALL BE ON 24 HOURS. RUN ALL EXIT LIGHT CIRCUITS WITH 2#10, 1#10 GRD. IN 1" C. THROUGHOUT.
2. MAINTAIN EXISTING LIGHTING CIRCUIT IN CORRIDOR AS INDICATED.
3. UTILIZE EXISTING NORMAL LIGHTING CIRCUIT PREVIOUSLY SERVING REMOVED LIGHT FIXTURES IN THIS SPACE TO SERVE THE NEW LIGHT FIXTURES. PROVIDE CONTROLS/SWITCHING AS INDICATED ON PLANS. MARK CIRCUIT NUMBER ON AS-BUILTS.
4. UTILIZE EXISTING EMERGENCY LIGHTING CIRCUIT PREVIOUSLY SERVING REMOVED LIGHT FIXTURES IN THIS SPACE TO SERVE THE NEW LIGHT FIXTURES. PROVIDE CONTROLS/SWITCHING AS INDICATED ON PLANS. MARK CIRCUIT NUMBER ON AS-BUILTS.
5. E.C. SHALL COORDINATE TEMPORARY REMOVAL/DISCONNECTION OF EXISTING LIGHT FIXTURES WITH P.C. ALONG NEW PATH OF MEDICAL AIR PIPING PRIOR TO ROUGH-IN AND SHALL PROVIDE ACCORDINGLY. REINSTALL EXISTING LIGHT FIXTURES IN SAME LOCATIONS.
6. IF ALTERNATE 2 IS ACCEPTED, PROVIDE NEW EXIT SIGN IN LOCATION INDICATED. IF ALTERNATE 2 IS NOT ACCEPTED, MAINTAIN EXISTING EXIT SIGNS AS INDICATED PER NOTE 7 ON SHEET ED100.
7. MAINTAIN EXISTING LIGHTING FIXTURES AND LIGHTING CIRCUIT IN SPACE AND PROVIDE NEW LIGHTING CONTROLS AS INDICATED, WITH NEW CONTROL WIRING BETWEEN SWITCH AND FIXTURES AS REQUIRED.
8. NON-LIT EXIT SIGNS TO BE PROVIDED BY FURNITURE SUPPLIER FOR EGRESS OUT OF OPEN OFFICE CUBICLE AREA. NO POWER IS REQUIRED AT THESE EXIT SIGNS.
9. E.C. SHALL MAINTAIN ALL LIGHTING CONTROL EQUIPMENT/DEVICES ABOVE AREA OF WORK THROUGHOUT ALL DEMO AND NEW WORK. EQUIPMENT AND DEVICES ARE LOCATED ABOVE CEILING.

GENERAL NOTES

- A. A PORTION OF THIS FLOOR IN THE BUILDING WILL BE REMODELED UNDER THIS CONTRACT. REFER TO ARCHITECTURAL DRAWINGS FOR AREAS WHERE DEMO AND NEW WORK WILL OCCUR. E.C. SHALL REMOVE, ELECTRICAL DEVICES, SYSTEM COMPONENTS AND OTHER EQUIPMENT ASSOCIATED WITH DIVISION 26, 27, AND 28 TO ACCOMMODATE ALL NEW CONSTRUCTION AND REMODELING IN THESE AREAS. ONLY EXISTING RECESSED DEVICES, DEVICES SERVING EXISTING EQUIPMENT TO REMAIN, AND DEVICES INDICATED AS EXISTING SHALL BE MAINTAINED ACTIVE (UNLESS INDICATED OTHERWISE). REFER TO GENERAL NOTES "I" AND "J", ON SHEET E001.
- B. ALL EQUIPMENT, LIGHT FIXTURES, CONDUIT, CONDUCTORS, FIRE ALARM WIRING, AND ANY OTHER ELECTRICAL RELATED EQUIPMENT BEING MOUNTED IN THE CEILING OR ABOVE THE CEILING SHALL BE PLENUM RATED.
- C. THE OCCUPANCY SENSORS SERVING FIXTURES IN COMMON SPACES/CORRIDORS SHALL BE WIRED TOGETHER SO THE LIGHTING OPERATES AS ALL ONE SPACE.
- D. WHERE NEW DEVICE(S) ARE TO BE PROVIDED ON EXISTING SOLID BLOCK WALL, PROVIDE WITH SURFACE RACEWAY PER GENERAL NOTE G, SHEET E001. WHERE NEW DEVICES ARE SHOWN ON NEW WALL OR EXISTING STUD WALLS DEVICES(S) SHALL BE RECESSED. INTENT IS THAT WHERE EVER POSSIBLE DEVICES SHALL BE RECESSED.
- E. WHERE CONDUITS ARE EXPOSED THEY SHALL BE MOUNTED TIGHT TO THE CEILING STRUCTURE AND PAINTED TO MATCH WALL SURFACES.
- F. ALL EXISTING RECESSED DEVICES TO REMAIN IN AREAS WHERE THERE IS WORK SHALL BE PROVIDED WITH NEW DEVICES AND COVERPLATE. E.C. IS RESPONSIBLE TO VERIFY AND PROVIDE PROPER WIRING (PER NEC) TO EXISTING (TO REMAIN) DEVICES PER GENERAL NOTE N, SHEET E001. E.C. SHALL PROVIDE NEW BLANKS OVER RECESSED NON-USED BACK BOXES.
- G. ALL EXISTING TO REMAIN DEVICES LOCATED ON NEWLY FURRED OUT WALLS SHALL BE PROVIDED WITH EXTENSION BOXES AND BE MOUNTED FLUSH IN NEW WALL.
- H. E.C. IS RESPONSIBLE TO PROVIDE ANY AND ALL ELECTRICAL WORK AND ROUGH-INS ASSOCIATED AND CALLED OUT ON THE TECHNOLOGY DRAWINGS/DETAILS. REFER TO TECHNOLOGY DRAWINGS FOR EXACT SCOPE OF WORK AND PROVIDE ACCORDINGLY.
- I. ALL FIRE ALARM WIRING SHALL BE IN CONDUIT.
- J. ALL LIGHTING CONTROL WIRING SHALL BE IN CONDUIT.
- K. E.C. IS RESPONSIBLE FOR REMOVAL OF ANY/ALL CEILINGS TO ACCOMMODATE WORK ASSOCIATED WITH ROUTING OF NEW CONDUIT AND WIRING TO NEW EQUIPMENT/FURNITURE LOCATIONS. E.C. SHALL PROVIDE ALL CORE DRILLS AS REQUIRED TO PROVIDE POWER TO NEW EQUIPMENT/FURNITURE.
- L. WHERE REMOVAL OF ELECTRICAL DEVICES/BOXES OCCURS, PATCH AS REQUIRED AND REFER TO GENERAL NOTE F ON SHEET E001 FOR MORE INFORMATION.
- M. E.C. SHALL MAINTAIN ALL LIGHTING CONTROL EQUIPMENT/DEVICES ABOVE AREA OF WORK THROUGHOUT ALL DEMO AND NEW WORK. EQUIPMENT AND DEVICES ARE LOCATED ABOVE CEILING.
- N. ALL NEW LIGHTING CONTROLS SHALL BE LUTRON. PROVIDE CONNECTION FROM NEW LIGHTING CONTROLS IN EACH SPACE TO BUILDING'S LUTRON QUANTUM LIGHTING CONTROLS SYSTEM. PROVIDE ALL PROGRAMMING, TECHNICIAN'S TIME, LABOR, WIRING, CONNECTIONS, ACCESSORIES, ETC., AS REQUIRED FOR A COMPLETE LIGHTING CONTROL SYSTEM. COORDINATE ALL REQUIREMENTS ROUTING, AND LOCATIONS WITH OWNER AND LUTRON REP PRIOR TO ROUGH-IN AND PROVIDE ACCORDINGLY.



DESIGNED BY: MPH
 DRAWN BY: MPH
 CHECKED BY: CRK

REVISIONS	DATE	DESCRIPTION
100% CD	01/13/25	ADDENDUM 1
	01/13/25	

EMS Classrooms & Sim Lab Bldg. 14
 Sinclair College
 444 West 38th Street
 Dayton, OH 45402

LOWER LEVEL LIGHTING FLOOR PLAN - NEW WORK

SCALE: 1/8" = 1'-0"

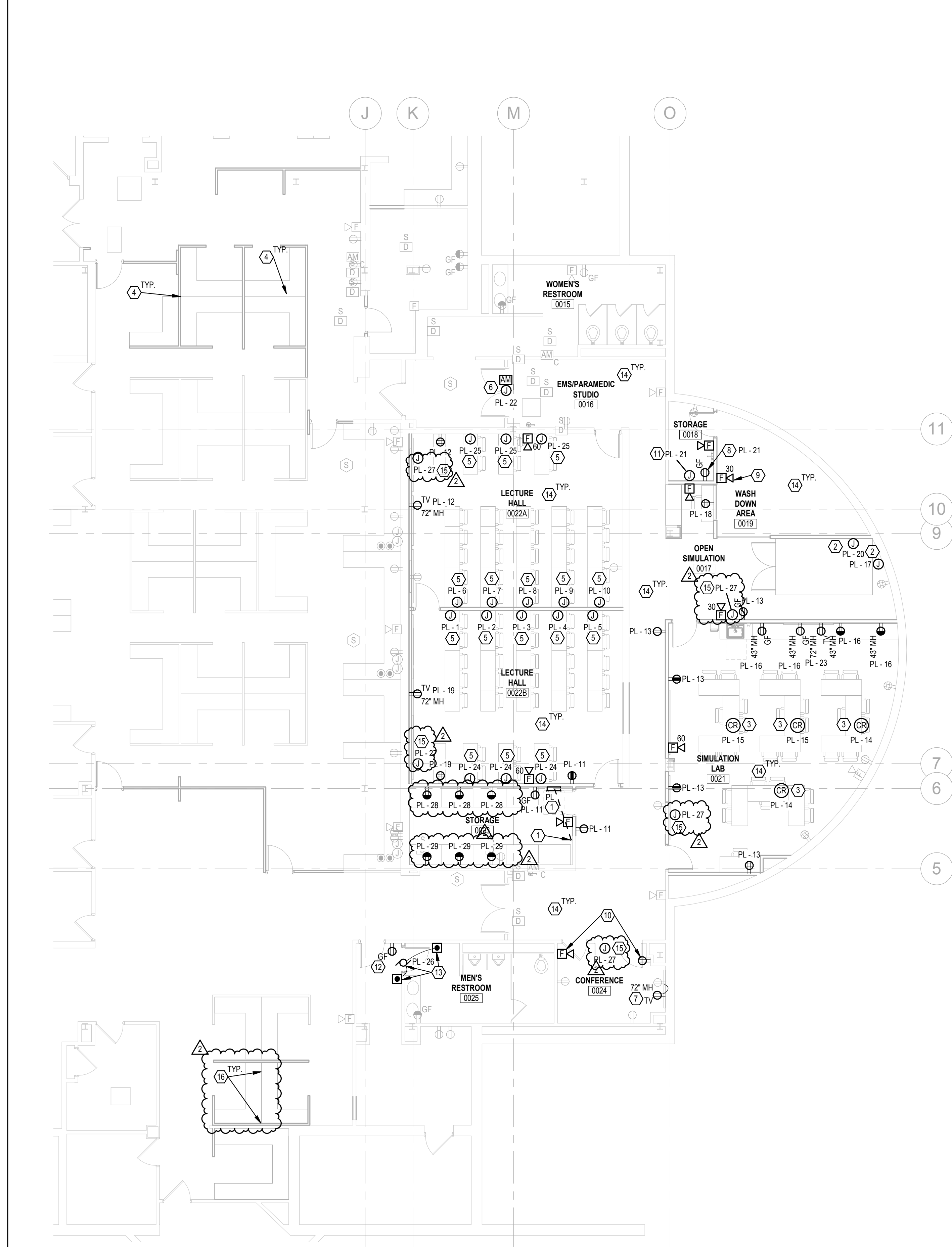
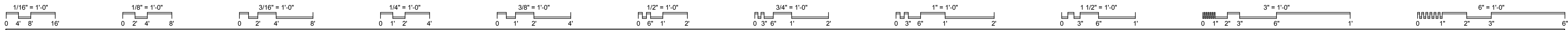
E100

JOB NO.: 24011

DATE: 1/20/2025

1 LIGHTING LOWER LEVEL
 SCALE: 1/8" = 1'-0"



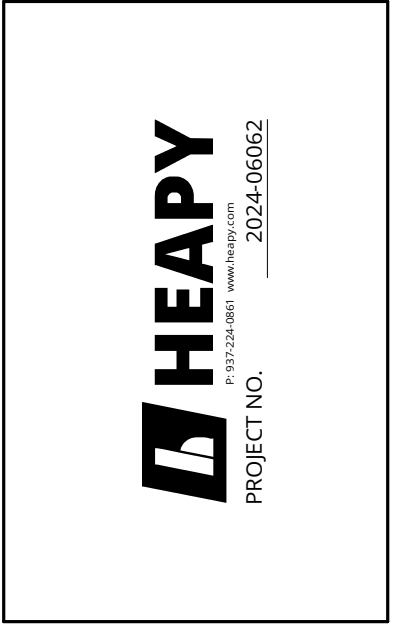
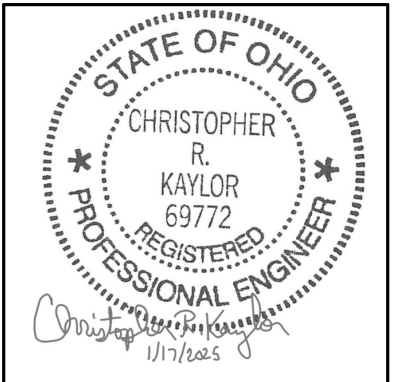


PLAN NOTES

1. E.C. SHALL REMOVE EXISTING PANEL PL AND REUSE EXISTING FEEDER FOR NEW PANEL PL IN NEW LOCATION AS ABLE. SAWCUT FLOOR AS NEEDED TO RELOCATE AND EXTEND EXISTING FEEDER TO NEW LOCATION. MATCHING EXISTING FEEDER SIZE, RATINGS, MATERIALS AND CHARACTERISTICS. ASSUMED EXISTING FEEDER IS 4-#30 CU, 1-#6 GRD IN 2.5\"/>
- 2. PROVIDE 20A, 120V-1PH POWER CONNECTION FOR AMBULANCE WITH 2-#12, 1-#12 GRD IN 0.75\"/>
- 3. NEW CORD REEL WITH 25 FT. LONG CORD, QUAD 20A GFCI RECEPTACLES AND #12 WIRING. BASIS OF DESIGN: LEGRAND #CRCD129G2R20.
- 4. MAINTAIN EXISTING FURNITURE FLOOR POWER CONNECTIONS FOR ROTATED FURNITURE AND RECONNECT AS REQUIRED. EXTEND WIRING/WHIPS TO NEW CONNECTION LOCATIONS. MATCHING EXISTING SIZING, RATINGS AND CHARACTERISTICS. COORDINATE FINAL LOCATIONS WITH ARCHITECT AND EXISTING CONDITIONS PRIOR TO ROUGH-IN AND PROVIDE ACCORDINGLY.
- 5. TABLE RECEPTACLES (FURNISHED WITH TABLE) SHALL RECEIVE POWER FROM BELLBOX/RECEPTACLE ON WALL. PROVIDE WIRING, SEALTIGHT FLEXIBLE CONDUIT AND RECEPTACLE AT EACH SEAT FOR ENTIRE RUN. STAGE WORK BASED ON ROUGH-IN OF ELECTRICAL DEVICES/ITEMS. E.C. SHALL VERIFY EXACT CONNECTION REQUIREMENTS, MOUNTING AND TERMINATION LOCATIONS WITH OWNER AND TABLE MANUFACTURER PRIOR TO ROUGH-IN AND PROVIDE ACCORDINGLY. SEALTIGHT CONDUIT SHALL BE SECURELY MOUNTED TO UNDERSIDE OF TABLE AND HIDDEN FROM VIEW.
- 6. PROVIDE FIRE ALARM CONNECTION FROM SMOKE DAMPER AND INTERFACE TO FIRE ALARM SYSTEM AS REQUIRED, ALONG WITH 20A, 120V POWER WITH 2-#12, 1-#12 GRD IN 0.75\"/>
- 7. EXTEND EXISTING CIRCUIT TO NEW RECEPTACLE AS INDICATED, EXTENDING EXISTING WIRING MATCHING SIZE, RATINGS, MATERIALS AND CHARACTERISTICS. ASSUMED EXISTING CIRCUIT IS 2-#12, 1-#12 GRD IN 0.75\"/>
- 8. PROVIDE 20A, 120V-1PH POWER AND GFCI RECEPTACLE FOR DRAIN PUMP WITH 2-#12, 1-#12 GRD IN 0.75\"/>
- 9. FIRE ALARM DEVICE SHALL BE WEATHER/WET RATED.
- 10. IF ALTERNATE 1 IS ACCEPTED, PROVIDE NEW FIRE ALARM DEVICE AND DUPLEX RECEPTACLE IN LOCATION INDICATED. IF ALTERNATE 1 IS NOT ACCEPTED, MAINTAIN EXISTING FIRE ALARM DEVICE AND EXISTING DOUBLE DUPLEX RECEPTACLE INDICATED PER NOTE 6 ON SHEET ED100.
- 11. PROVIDE 20A, 120V-1PH POWER CONNECTION FOR DRAIN PUMP CONTROL PANEL WITH 2-#12, 1-#12 GRD IN 0.75\"/>
- 12. IF ALTERNATE 2 IS ACCEPTED, PROVIDE NEW RECEPTACLE IN LOCATION INDICATED, EXTENDING EXISTING CIRCUIT AND WIRING TO NEW LOCATION FROM REMOVED LOCATION AS INDICATED IN NOTE 7 ON SHEET ED100. IF ALTERNATE 2 IS NOT ACCEPTED, MAINTAIN EXISTING RECEPTACLE AS INDICATED PER NOTE 7 ON SHEET ED100.
- 13. IF ALTERNATE 2 IS ACCEPTED, PROVIDE NEW POWER AND PUSHBUTTONS FOR MENS RESTROOM DOOR ADA OPERATOR IN LOCATION INDICATED. COORDINATE ALL HARDWARE, CONNECTIONS, LOCATIONS, ETC... WITH MANUFACTURER AND ARCHITECT FOR A COMPLETE AND OPERATIONAL INSTALLATION PRIOR TO ROUGH-IN AND PROVIDE ACCORDINGLY. IF ALTERNATE 2 IS NOT ACCEPTED, NO NEW POWER OR PUSHBUTTONS SHALL BE PROVIDED FOR MENS RESTROOM ADA OPERATOR.
- 14. E.C. SHALL MAINTAIN ALL LIGHTING CONTROL EQUIPMENT/DEVICES ABOVE AREA OF WORK THROUGHOUT ALL DEMO AND NEW WORK. EQUIPMENT AND DEVICES ARE LOCATED ABOVE CEILING.
- 15. PROVIDE 20A, 120V-1PH POWER CONNECTION FOR CLOCK WITH 2-#12, 1-#12 GRD IN 0.75\"/>
- 16. IF ALTERNATE 2 IS ACCEPTED, MAINTAIN EXISTING FURNITURE FLOOR/WALL POWER CONNECTIONS FOR ROTATED FURNITURE AND RECONNECT AS REQUIRED. EXTEND WIRING/WHIPS TO NEW CONNECTION LOCATIONS. MATCHING EXISTING SIZING, RATINGS AND CHARACTERISTICS. COORDINATE FINAL LOCATIONS WITH ARCHITECT AND EXISTING CONDITIONS PRIOR TO ROUGH-IN AND PROVIDE ACCORDINGLY. IF ALTERNATE 2 IS NOT ACCEPTED, NO WORK SHALL BE DONE IN THIS AREA.

GENERAL NOTES

- A. A PORTION OF THIS FLOOR IN THE BUILDING WILL BE REMODELED UNDER THIS CONTRACT. REFER TO ARCHITECTURAL DRAWINGS FOR AREAS WHERE DEMO AND NEW WORK WILL OCCUR. E.C. SHALL REMOVE ELECTRICAL DEVICES, SYSTEM COMPONENTS AND OTHER EQUIPMENT ASSOCIATED WITH DIVISION 26, 27, AND 28 TO ACCOMMODATE ALL NEW CONSTRUCTION AND REMODELING IN THESE AREAS. ONLY EXISTING RECESSED DEVICES, DEVICES SERVING EXISTING EQUIPMENT TO REMAIN, AND DEVICES INDICATED AS EXISTING SHALL BE MAINTAINED ACTIVE (UNLESS INDICATED OTHERWISE). REFER TO GENERAL NOTES "I" AND "J", ON SHEET E001.
- B. ALL EQUIPMENT, LIGHT FIXTURES, CONDUIT, CONDUCTORS, FIRE ALARM WIRING, AND ANY OTHER ELECTRICAL RELATED EQUIPMENT BEING MOUNTED IN THE CEILING OR ABOVE THE CEILING SHALL BE PLENUM RATED.
- C. THE OCCUPANCY SENSORS SERVING FIXTURES IN COMMON SPACES/CORRIDORS SHALL BE WIRED TOGETHER SO THE LIGHTING OPERATES AS ALL ONE SPACE.
- D. WHERE NEW DEVICE(S) ARE TO BE PROVIDED ON EXISTING SOLID BLOCK WALL, PROVIDE WITH SURFACE RACEWAY PER GENERAL NOTE G, SHEET E001. WHERE NEW DEVICES ARE SHOWN ON NEW WALL OR EXISTING STUD WALLS DEVICE(S) SHALL BE RECESSED. INTENT IS THAT WHERE EVER POSSIBLE DEVICES SHALL BE RECESSED.
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- G. ALL EXISTING TO REMAIN DEVICES LOCATED ON NEWLY FURRED OUT WALLS SHALL BE PROVIDED WITH EXTENSION BOXES AND BE MOUNTED FLUSH IN NEW WALL.
- H. E.C. IS RESPONSIBLE TO PROVIDE ANY AND ALL ELECTRICAL WORK AND ROUGH-INS ASSOCIATED AND CALLED OUT ON THE TECHNOLOGY DRAWINGS/DETAILS. REFER TO TECHNOLOGY DRAWINGS FOR EXACT SCOPE OF WORK AND PROVIDE ACCORDINGLY.
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- K. E.C. IS RESPONSIBLE FOR REMOVAL OF ANY/ALL CEILINGS TO ACCOMMODATE WORK ASSOCIATED WITH ROUTING OF NEW CONDUIT AND WIRING TO NEW EQUIPMENT/FURNITURE LOCATIONS. E.C. SHALL PROVIDE ALL CORE DRILLS AS REQUIRED TO PROVIDE POWER TO NEW EQUIPMENT/FURNITURE.
- L. WHERE REMOVAL OF ELECTRICAL DEVICES/BOXES OCCURS, PATCH AS REQUIRED AND REFER TO GENERAL NOTE F ON SHEET E001 FOR MORE INFORMATION.
- M. E.C. SHALL MAINTAIN ALL LIGHTING CONTROL EQUIPMENT/DEVICES ABOVE AREA OF WORK THROUGHOUT ALL DEMO AND NEW WORK. EQUIPMENT AND DEVICES ARE LOCATED ABOVE CEILING.
- N. NEW FIRE ALARM DEVICES SHALL BE COMPATIBLE WITH AND MATCH EXISTING FIRE ALARM SYSTEM MANUFACTURER.



DESIGNED BY: MPH
 DRAWN BY: MPH
 CHECKED BY: CRK

REVISIONS	DATE
100% CD	01/13/25
ADDENDUM 1	01/13/25

EMS Classrooms & Sim Lab Bldg. 14
 Sinclair College
 444 West 38th Street
 Dayton, OH 45402

**LOWER LEVEL
 POWER & SYSTEMS
 FLOOR PLAN - NEW
 WORK**

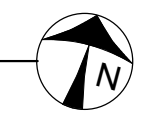
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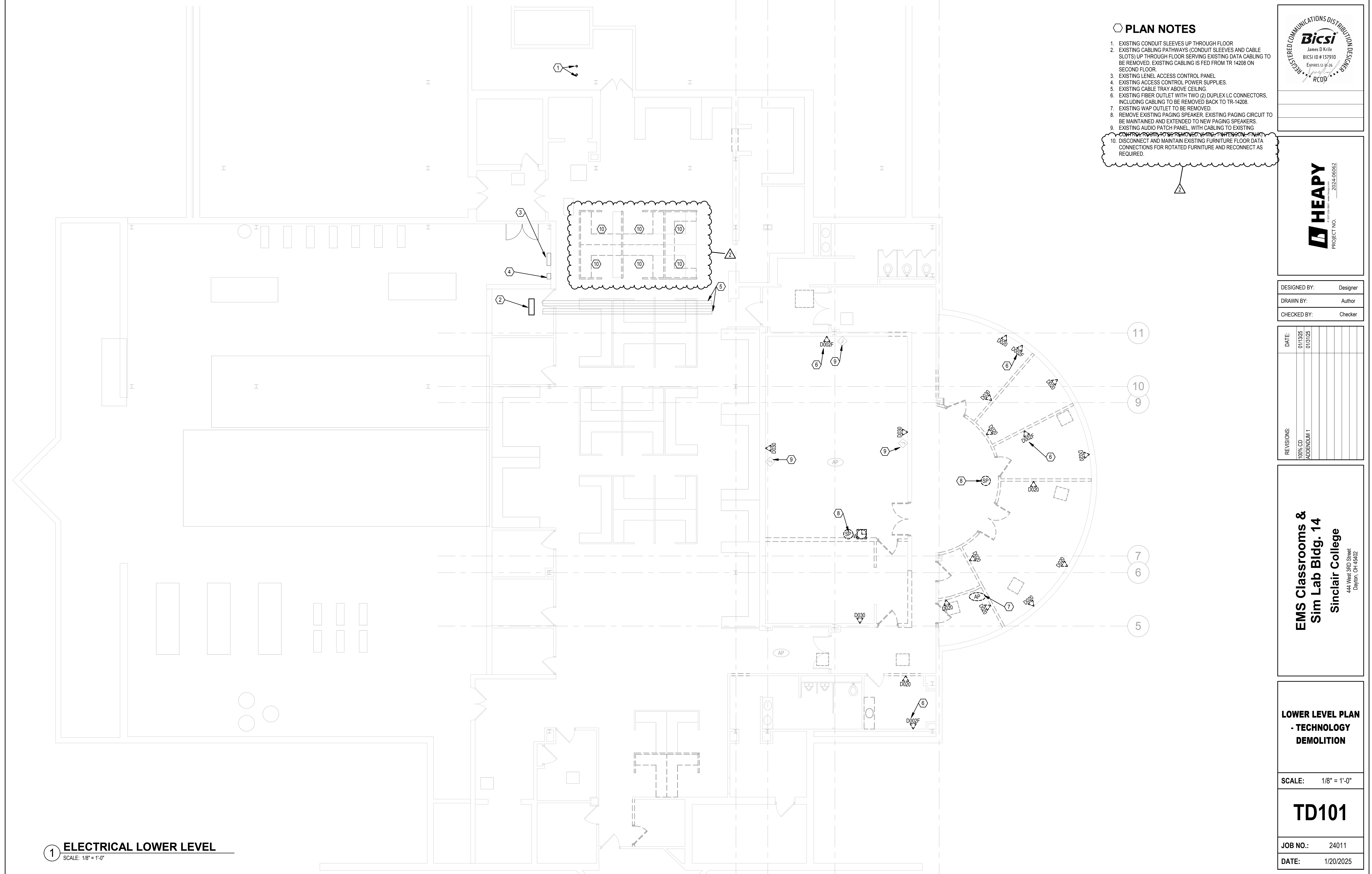
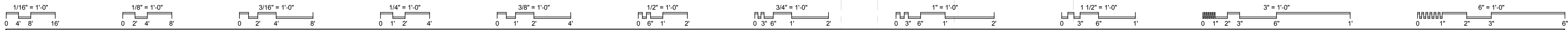
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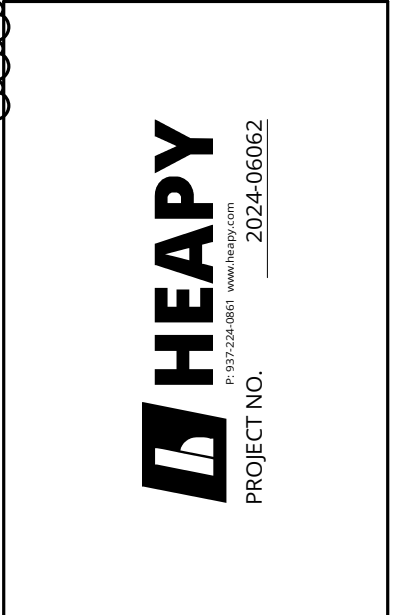
DATE: 1/20/2025

1 POWER & SYSTEMS LOWER LEVEL
 SCALE: 1/8" = 1'-0"





- PLAN NOTES**
- EXISTING CONDUIT SLEEVES UP THROUGH FLOOR
 - EXISTING CABLING PATHWAYS (CONDUIT SLEEVES AND CABLE SLOTS) UP THROUGH FLOOR SERVING EXISTING DATA CABLING TO BE REMOVED. EXISTING CABLING IS FED FROM TR 14208 ON SECOND FLOOR.
 - EXISTING LEVEL ACCESS CONTROL PANEL
 - EXISTING ACCESS CONTROL POWER SUPPLIES
 - EXISTING CABLE TRAY ABOVE CEILING
 - EXISTING FIBER OUTLET WITH TWO (2) DUPLEX LC CONNECTORS, INCLUDING CABLING TO BE REMOVED BACK TO TR-14208.
 - EXISTING WAP OUTLET TO BE REMOVED.
 - REMOVE EXISTING PAGING SPEAKER. EXISTING PAGING CIRCUIT TO BE MAINTAINED AND EXTENDED TO NEW PAGING SPEAKERS.
 - EXISTING AUDIO PATCH PANEL WITH CABLING TO EXISTING CONTROL ROOM TO BE MAINTAINED AND EXTENDED TO NEW PAGING SPEAKERS.
 - DISCONNECT AND MAINTAIN EXISTING FURNITURE FLOOR DATA CONNECTIONS FOR ROTATED FURNITURE AND RECONNECT AS REQUIRED.



DESIGNED BY: Designer
 DRAWN BY: Author
 CHECKED BY: Checker

REVISIONS	DATE
100% CD	01/13/25
ADDENDUM 1	01/13/25

EMS Classrooms & Sim Lab Bldg. 14
Sinclair College
 444 West 3RD Street
 Dayton, OH 45402

LOWER LEVEL PLAN
- TECHNOLOGY
DEMOLITION

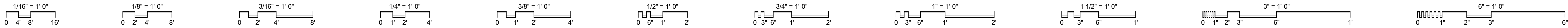
SCALE: 1/8" = 1'-0"

TD101

JOB NO.: 24011

DATE: 1/20/2025

1 ELECTRICAL LOWER LEVEL
 SCALE: 1/8" = 1'-0"



AV SYMBOLS

	FLAT PANEL DISPLAY WITH WALL MOUNTING HARDWARE (84" MH UNLESS NOTED OTHERWISE). # INDICATES NOMINAL SCREEN DIAGONAL SIZE.
	INTERACTIVE FLAT PANEL DISPLAY WITH WALL MOUNTING HARDWARE (84" MH UNLESS NOTED OTHERWISE). # INDICATES NOMINAL SCREEN DIAGONAL SIZE.

AV SYMBOLS WITH ELECTRICAL REQUIREMENTS

	SINGLE FACED WALL MOUNTED CLOCK (102" MH UNLESS NOTED OTHERWISE). 12" DIAMETER PRIMEX 120V ANALOG CLOCK WITH WIRELESS SYNCHRONIZATION.
	RECESSED CEILING MOUNTED SOUND PAGING SYSTEM SPEAKER. CONNECT TO EXISTING LOCAL PAGING CIRCUIT.
	WALL MOUNTED SOUND SYSTEM SPEAKER. 1-GANG BOX WITH 1" CONDUIT TO ABOVE CEILING, SPEAKER AND CABLING.

SECURITY SYMBOLS WITH ELECTRICAL REQUIREMENTS

	WALL MOUNTED PROXIMITY CARD READER (46" MH UNLESS NOTED OTHERWISE). 1-GANG BOX WITH CONDUIT TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING, CARD READER AND CABLING. REFER TO SECURITY ROUGH-IN DETAILS.
	CEILING MOUNTED SECURITY CAMERA. PROVIDE CAMERA AND 1-DATA DROP. REFER TO CAMERA SCHEDULE FOR CAMERA SPECIFICATIONS.
	ELECTRONIC DOOR CONTROL. SUBSCRIPT "X" INDICATES SPECIFIC DOOR. REFER TO ELECTRONIC DOOR CONTROL SCHEDULE FOR REQUIREMENTS.

TECHNOLOGY SYMBOLS WITH ELEC. REQUIREMENTS

	CONDUIT SLEEVE / FIRE RATED SLEEVE ASSEMBLY THRU WALL (1-2" SLEEVE UNLESS NOTED OTHERWISE).
	WALL MOUNTED DATA OUTLET (18" MH UNLESS NOTED OTHERWISE). BOX WITH CONDUIT(S) TO ABOVE ACCESSIBLE CEILING, JACKS, FACEPLATE AND CABLING. SUBSCRIPT "X" DESIGNATES QUANTITY OF DATA CABLES. REFER TO FACEPLATE DETAILS.
	CEILING MOUNTED WIRELESS ACCESS POINT. OFCI. PROVIDE DUAL DATA DROP AT AP LOCATION.
	WALL MOUNTED AV OUTLET (18" MH UNLESS NOTED OTHERWISE). BOX WITH CONDUITS TO ABOVE ACCESSIBLE CEILING. REFER TO FACEPLATE DETAILS. JACKS, FACEPLATE AND CABLING. SUBSCRIPT "X" INDICATES ALTERNATE CONFIGURATION.
	TELECOM BOX AND CONDUIT TO ABOVE ACCESSIBLE CEILING. REFER TO PLANS. REFER TO FACEPLATE DETAILS.
	WALL MOUNTED AV OUTLET (44" MH UNLESS NOTED OTHERWISE). BOX WITH CONDUIT TO ABOVE ACCESSIBLE CEILING, JACKS, FACEPLATE AND CABLING. SUBSCRIPT "X" INDICATES ALTERNATE CONFIGURATION. REFER TO FACEPLATE DETAILS.

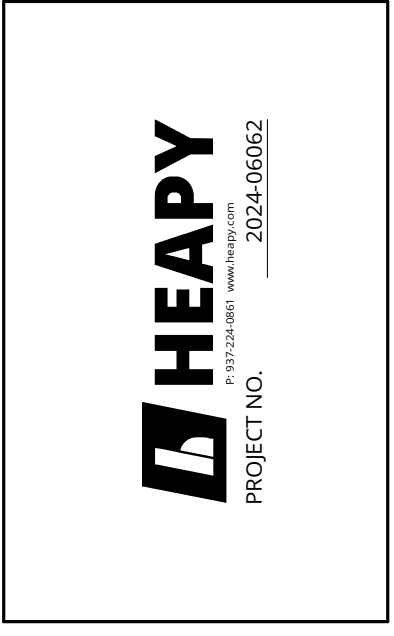
GENERAL FLOOR PLAN NOTES

	DETAIL: B = DETAIL DESIGNATION T2 = SHEET WHERE DETAIL IS LOCATED
	SECTION: 1 = SECTION DESIGNATION T2 = SHEET WHERE SECTION IS LOCATED
	ELEVATION: 1 = ELEVATION DESIGNATION T2 = SHEET WHERE ELEVATION IS LOCATED
	PLAN NOTE. APPLIES ONLY TO THE SHEET WHICH IT IS SHOWN.
	DETAIL NOTE. APPLIES ONLY TO THE ASSOCIATED DETAIL.
	LADDER TRAY, 12" x 4" DEEP UNLESS NOTED OTHERWISE.
	CABLE TRAY, 12" x 4" DEEP UNLESS NOTED OTHERWISE.
	CONDUIT RUN IN WALL OR ABOVE CEILING.
	CONDUIT RUN IN SLAB OR UNDERGROUND.
	CABLE MANAGEMENT SYSTEM PATHWAY.
	DASH SYMBOL INDICATES PARTICULAR OUTLET, DEVICE, OR EQUIPMENT TO BE REMOVED AND SUPPORTING CABLING TO BE REMOVED BACK TO SOURCE OF ORIGIN UNLESS NOTED OTHERWISE.
	EXISTING OUTLET, DEVICE, OR EQUIPMENT TO REMAIN. MAINTAIN EXISTING CABLING.
	SURFACE MOUNTED OUTLET OR DEVICE. REFER TO PLANS AND DETAILS.

SHEET LIST	
SHEET NUMBER	SHEET NAME
T001	TECHNOLOGY LEGEND, GENERAL NOTES & INDEX
T002	TECHNOLOGY OUTLET DETAILS
T003	AV SYSTEM DETAIL
T004	AV SYSTEM DETAIL
T005	AV SYSTEM DETAIL
T006	AV OUTLET DETAILS
T007	SECURITY DETAILS
T101	LOWER LEVEL FLOOR PLAN - NEW WORK
T102	FIRST AND SECOND FLOOR PARTIAL PLANS
TD101	LOWER LEVEL PLAN - TECHNOLOGY DEMOLITION

ABBREVIATIONS

AAP	- AREA ALARM PANEL - MEDICAL GAS
ACC	- ACCESS
ADJ	- ADJUSTABLE
AF	- ARC FAULT CIRCUIT INTERRUPTER
AFCI	- ARC FAULT CIRCUIT INTERRUPTER
AFF	- ABOVE FINISHED FLOOR TO BOTTOM OF ITEM
AFG	- ABOVE FINISHED GRADE TO BOTTOM OF ITEM
ALT	- ALTERNATE
AP	- ACCESS PANEL
APPROX	- APPROXIMATE
ARCH	- ARCHITECT OR ARCHITECTURAL
ASSY	- ASSEMBLY
ATS	- AUTOMATIC TRANSFER SWITCH
BLDG	- BUILDING
BOE	- BOTTOM OF EQUIPMENT
BOT	- BOTTOM
BTWN	- BETWEEN
CFCI	- CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CKT	- CIRCUIT
CLG	- CEILING
CMU	- CONCRETE MASONRY UNIT
CONN	- CONNECT OR CONNECTION
CONTR	- CONTRACTOR
CORR	- CORRIDOR
CTR	- CENTER
D	- DEPTH
DET	- DETAIL
DIA	- DIAMETER
DIM	- DIMENSION
DIV	- DIVISION
DN	- DOWN
DWG	- DRAWING
EA	- EACH
EC	- ELECTRICAL CONTRACTOR (DIVISION 26)
EJ	- EXPANSION JOINT
ELEC	- ELECTRICAL
ELEV	- ELEVATION OR ELEVATOR
EM	- EMERGENCY
EQ	- EQUAL
EQS	- EQUIPMENT SUPPLIER
EQUIP	- EQUIPMENT
ETR	- EXISTING TO REMAIN
EX	- EXISTING
EXP	- EXPANSION
EXT	- EXTERIOR
FCE	- FIRE CONTROL EQUIPMENT
FF	- FINISHED FLOOR ELEVATION
FLR	- FLOOR
FSC	- FIRE SUPPRESSION CONTRACTOR (DIVISION 21)
FT	- FEET
FTG	- FOOTING
GC	- GENERAL CONTRACTOR
GF	- GROUND FAULT CIRCUIT INTERRUPTER
GFCI	- GROUND FAULT CIRCUIT INTERRUPTER OR GOVERNMENT FURNISHED CONTRACTOR INSTALLED
GFFT	- GROUND FAULT FEED THRU
HC	- HVAC CONTRACTOR (DIVISION 23)
HP	- HORSE POWER OR HIGH POINT
HVAC	- HEATING, VENTILATING, AND AIR CONDITIONING
ID	- INSIDE DIAMETER
IN	- INCHES
KEC	- KITCHEN EQUIPMENT CONTRACTOR
L	- LENGTH
LBS	- POUNDS
MAP	- MASTER ALARM PANEL (MEDICAL GAS)
MAX	- MAXIMUM
MEZZ	- MEZZANINE
MFR	- MANUFACTURER
MH	- MANHOLE OR MOUNTING HEIGHT TO CENTER LINE OF ITEM
MIN	- MINIMUM OR MINUTE
MISC	- MISCELLANEOUS
MTD	- MOUNTED
MTG	- MOUNTING
NIC	- NOT IN CONTRACT
NOM	- NOMINAL
NTS	- NOT TO SCALE
OD	- OUTSIDE DIAMETER
OFCI	- OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	- OWNER FURNISHED OWNER INSTALLED
PC	- PLUMBING CONTRACTOR (DIVISION 22)
PLBG	- PLUMBING
RAD	- RADIUS
REC	- RECESSED
REQD	- REQUIRED
RI	- ROUGH-IN
S	- SURFACE MOUNTED
SC	- SECURITY CONTRACTOR
SCH	- SCHEDULE
SHT	- SHEET
SMS	- SECURITY MANAGEMENT SYSTEM
SPEC	- SPECIFICATIONS
SQ	- SQUARE
SS	- STAINLESS STEEL
STD	- STANDARD
STRUC	- STRUCTURAL OR STRUCTURE
SUC	- SITE UTILITY CONTRACTOR
TC	- TECHNOLOGY CONTRACTOR
TEMP	- TEMPERATURE
TOE	- TOP OF EQUIPMENT
TYP	- TYPICAL
UNO	- UNLESS NOTED OTHERWISE
VFD	- VARIABLE FREQUENCY DRIVE
VOL	- VOLUME
W/	- WITH
W/O	- WITHOUT
WP	- WEATHERPROOF
ZVC	- ZONE VALVE CABINET



DESIGNED BY:	JEM
DRAWN BY:	ABS
CHECKED BY:	JDK

DATE:	01/13/25	01/13/25						
REVISIONS:								
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ADDENDUM 1								

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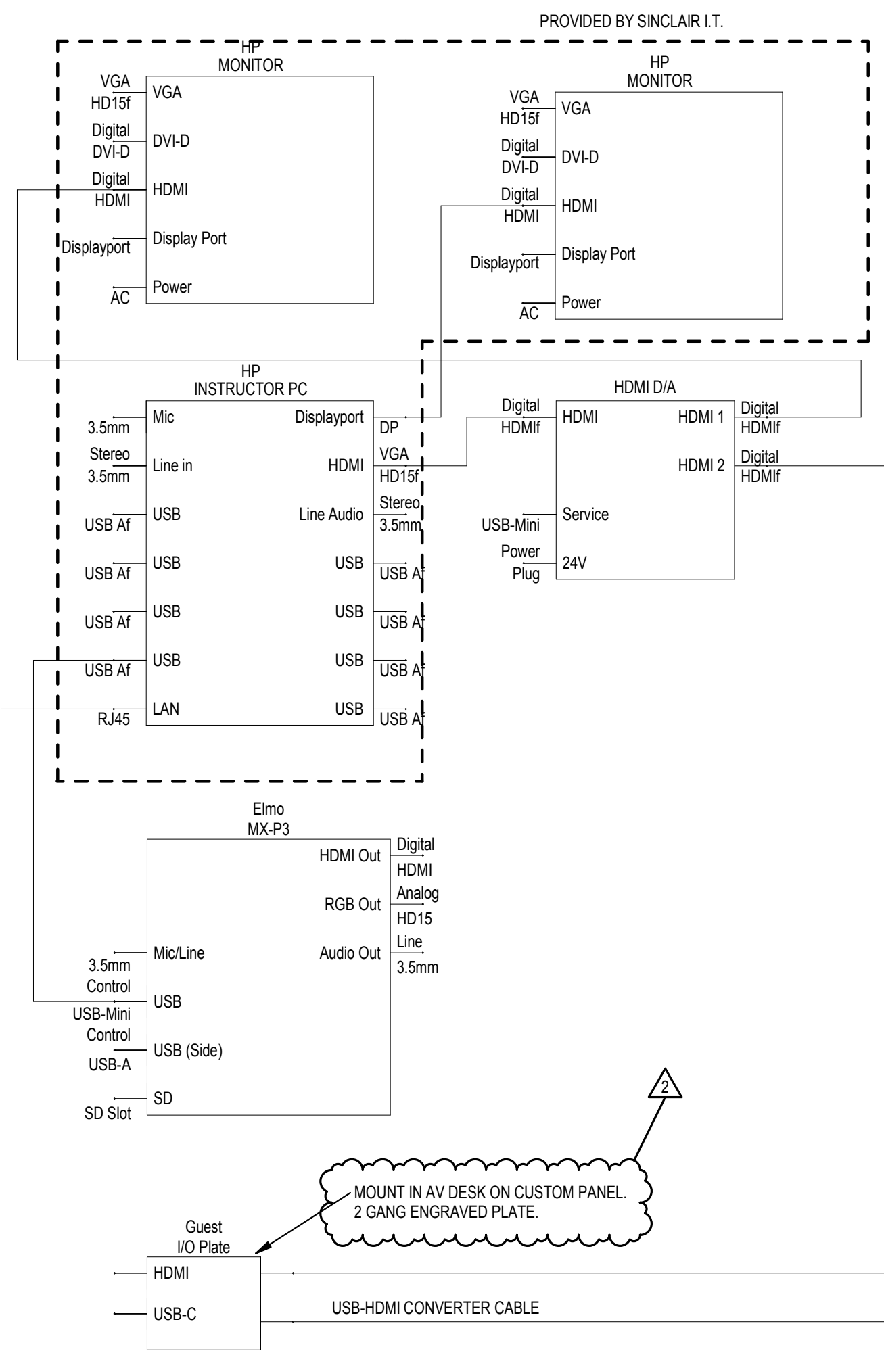
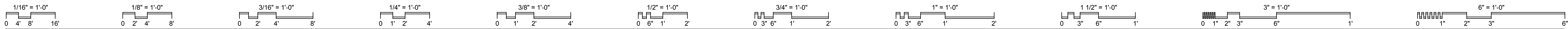
TECHNOLOGY LEGEND, GENERAL NOTES & INDEX

SCALE: 12" = 1'-0"

T001

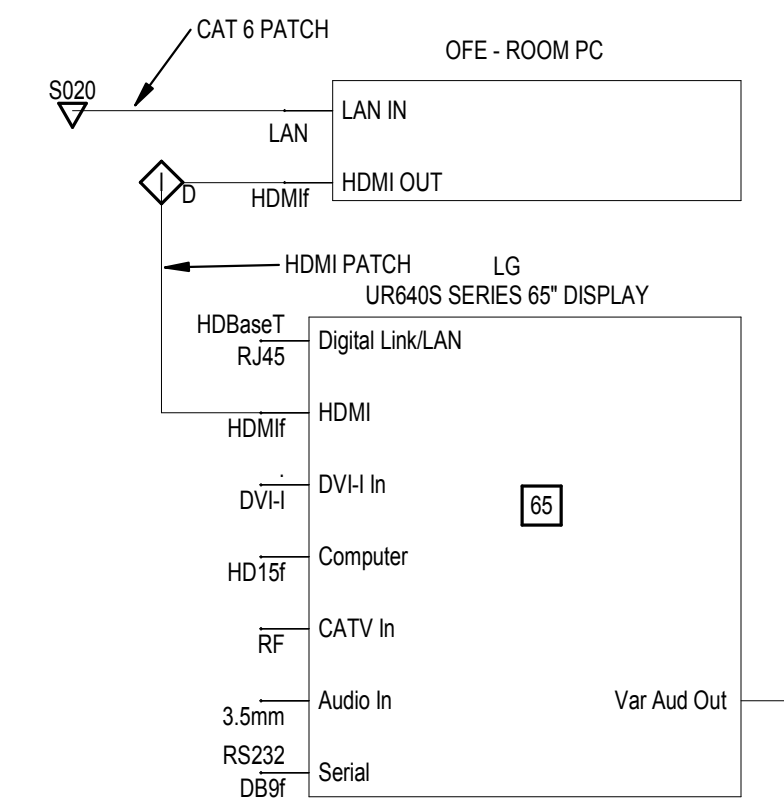
JOB NO.: 24011

DATE: 1/20/2025



**9-OUTLET PDU
MIDDLE ATLANTIC
PD-915R**

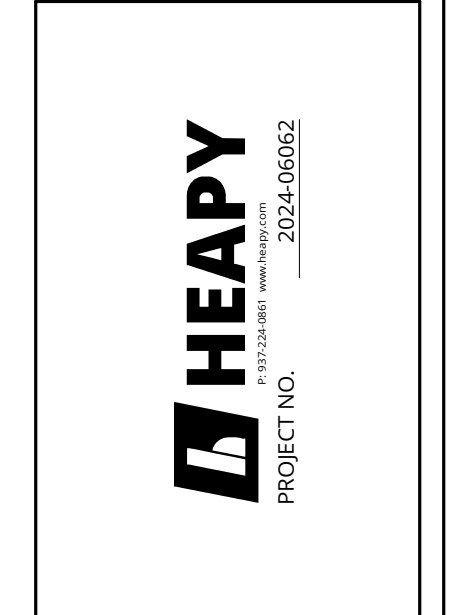
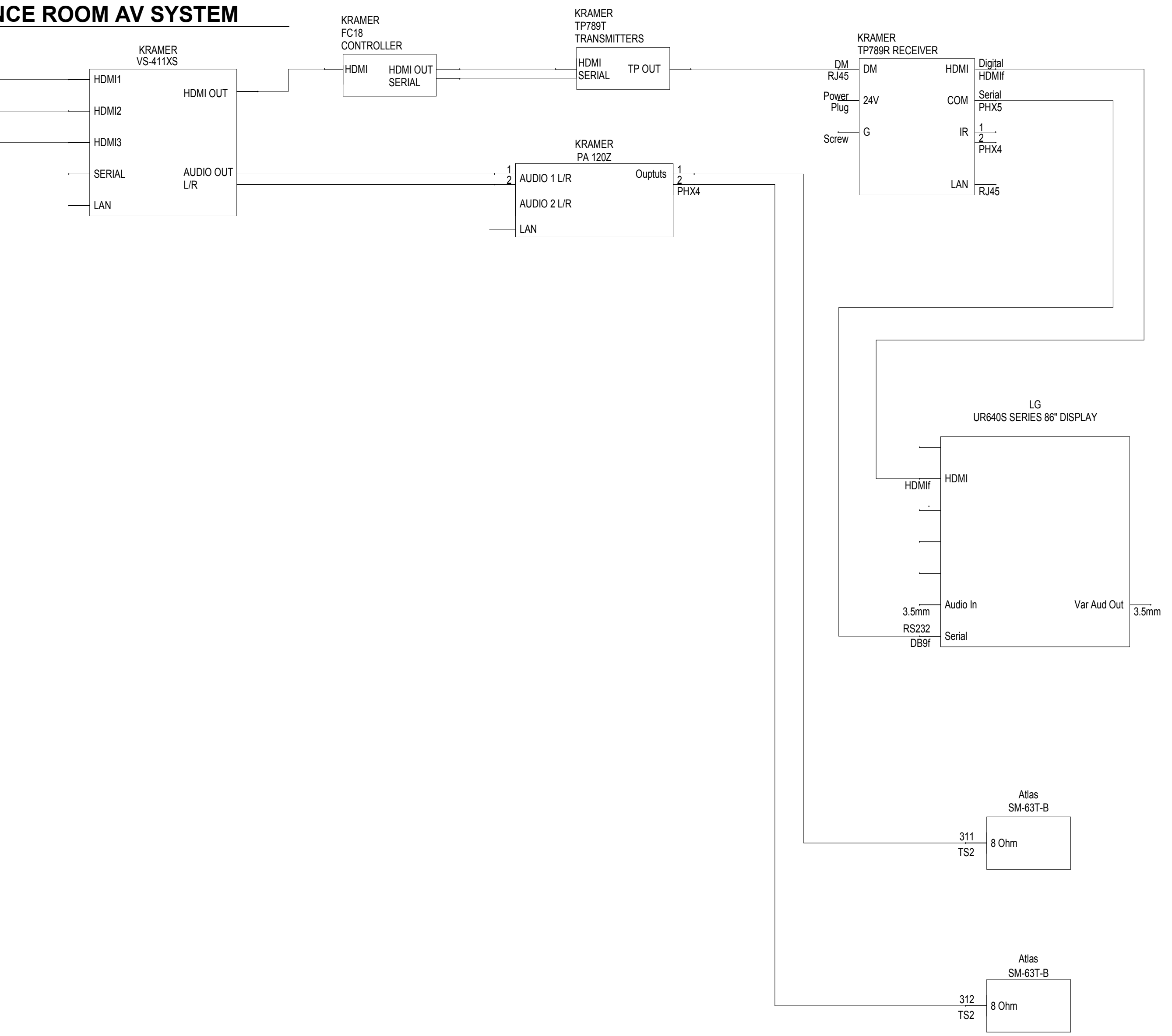
1 CLASSROOM AV SYSTEM - SIM LAB
SCALE: 3" = 1'-0"



2 EMS SIMULATOR 2-WAY COMMUNICATION SYSTEM
SCALE: 1/8" = 1'-0"

- DETAIL NOTES**
1. CEILING MOUNTED SPEAKER - VALCOM V-1010C
 2. CEILING MOUNTED PTZ CAMERA WITH 2-WAY AUDIO. AXIS M5526-E WITH AUDIO ADAPTOR.
 3. CEILING MOUNTED CONDENSER BOUNDARY MICROPHONE. SHURE XXXXX
 4. LOW VOLTAGE POWER CONNECTOR
 5. LINE AUDIO CONNECTOR
 6. AUDIO SPEAKER POWER SUPPLY. VALCOM VP624D WITH LOCAL POWER SUPPLY
 7. MICROPHONE PRE-AMPLIFIER AND PHATOM POWER. RDL RU-MLATZ WITH LOWER POWER SUPPLY.
 8. CAT 6 DATA CABLE CONNECTION.
 9. USB CABLE CONNECTION
 10. SCC S010 DATA DROP FOR CAMERA.
 11. DESK MOUNTED MICROPHONE WITH STAND. BLUE YETI 2070.
 12. OWNER FURNISHED PC.
 13. MIC LEVEL AUDIO CONNECTOR.

3 CONFERENCE ROOM AV SYSTEM
SCALE: 3" = 1'-0"



DESIGNED BY: JEM
DRAWN BY: ABS
CHECKED BY: JDK

REVISIONS	DATE	DESCRIPTION
100% CD	01/13/25	
ADDENDUM 1	01/13/25	

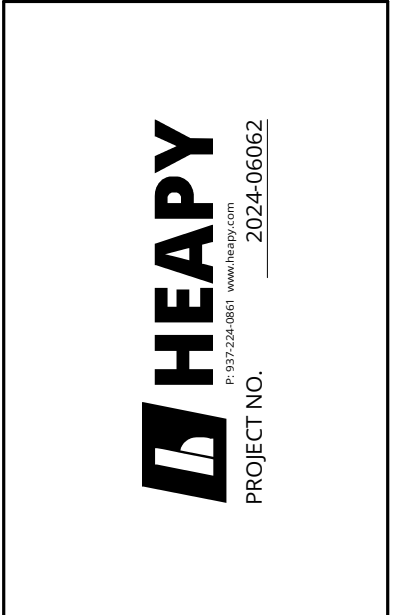
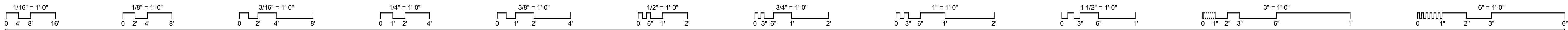
**EMS Classrooms &
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Sinclair College
444 West 380 Street
Dayton, OH 45402

AV SYSTEM DETAIL

SCALE: As indicated

T003

JOB NO.: 24011
DATE: 1/20/2025



DESIGNED BY: Designer
 DRAWN BY: Author
 CHECKED BY: Checker

DATE:	01/13/25	01/13/25							
REVISIONS:	100% CD	ADDENDUM 1							

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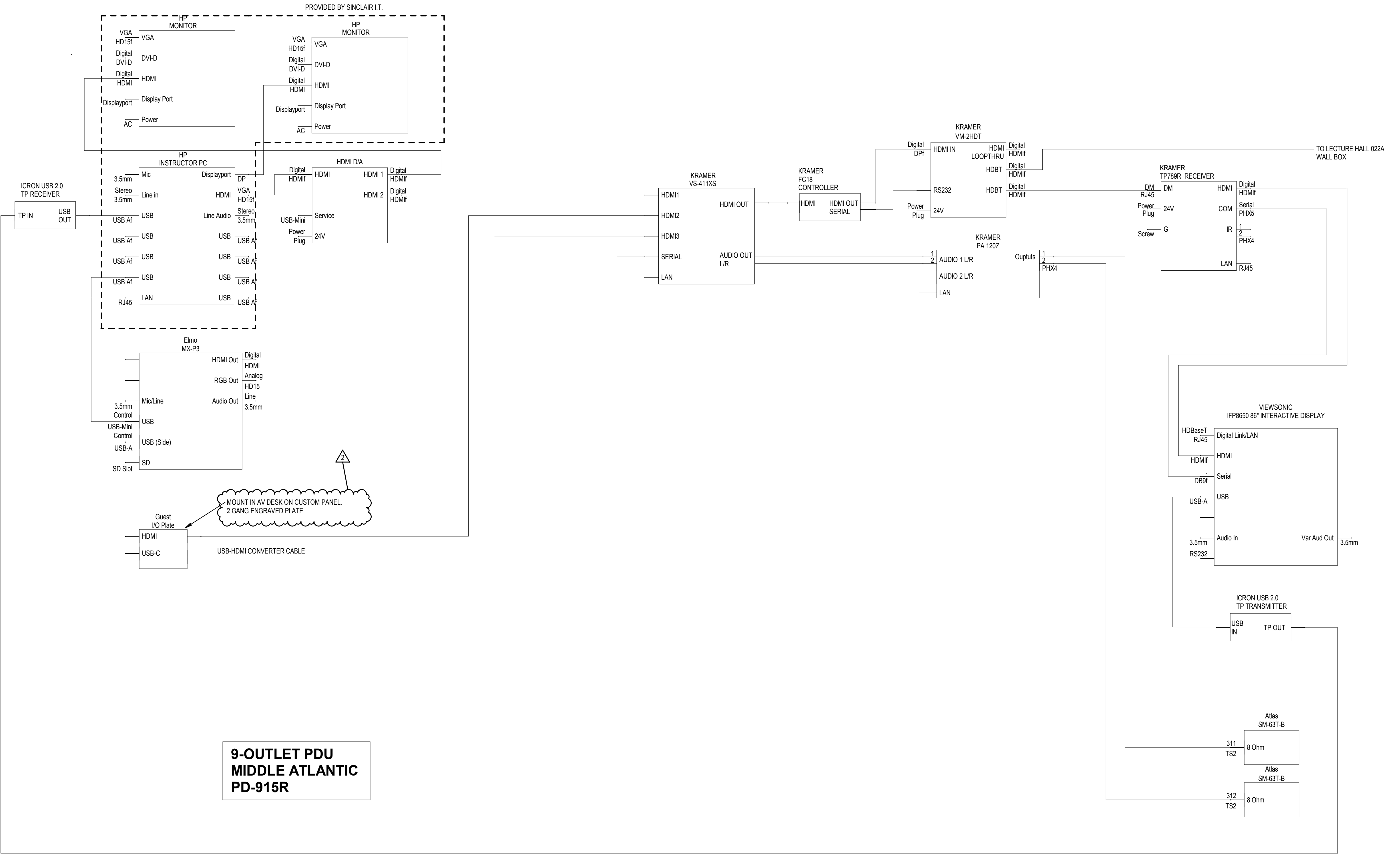
AV SYSTEM DETAIL

SCALE: 3" = 1'-0"

T004

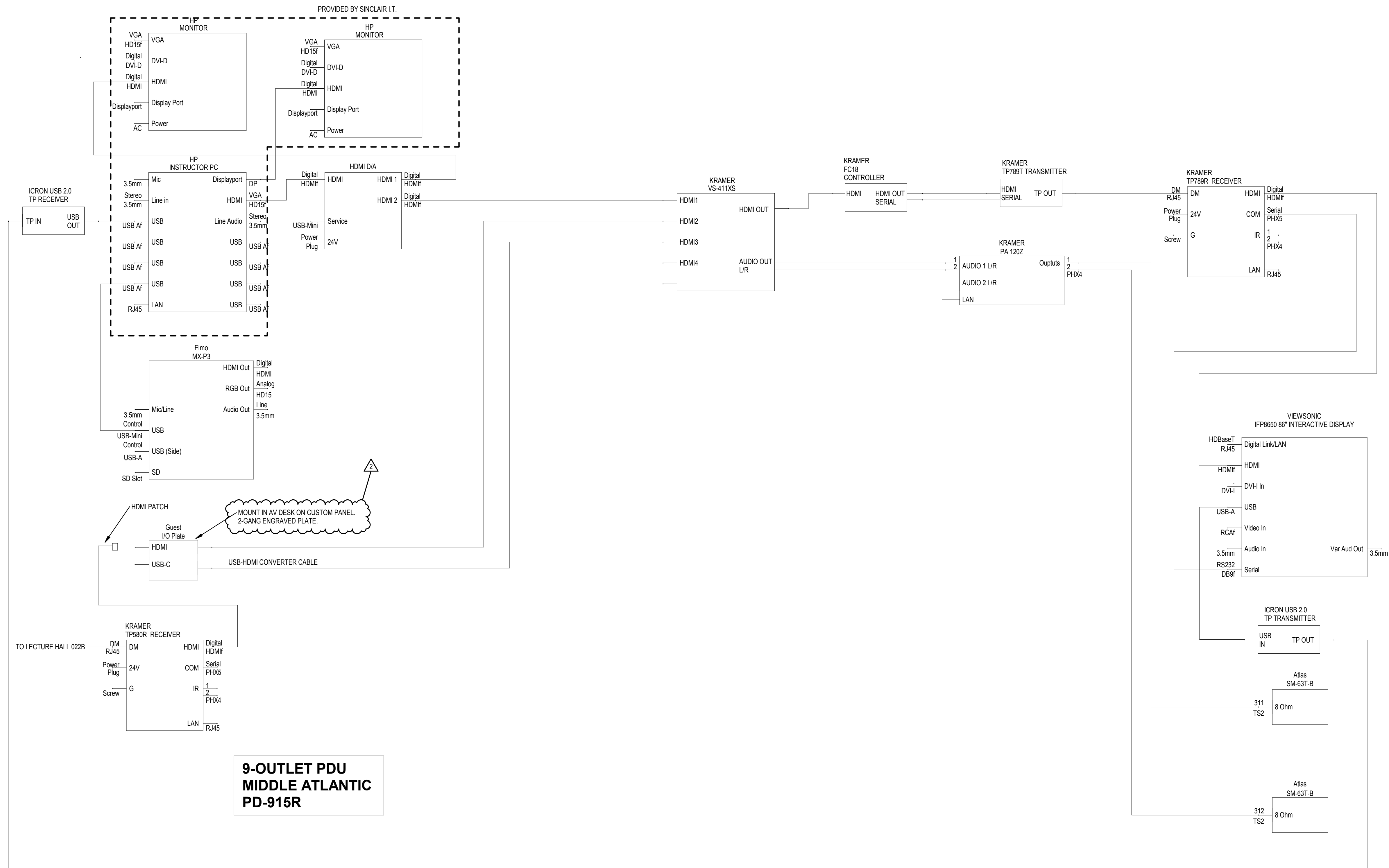
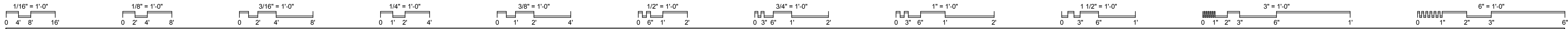
JOB NO.: 24011

DATE: 1/20/2025



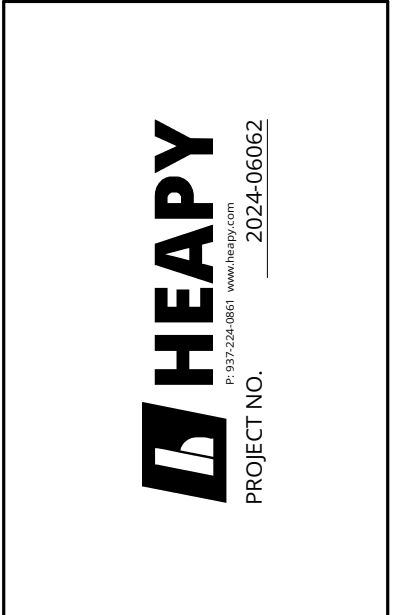
1 CLASSROOM AV SYSTEM - LECTURE HALL 01
 SCALE: 3" = 1'-0"

**9-OUTLET PDU
 MIDDLE ATLANTIC
 PD-915R**



**9-OUTLET PDU
MIDDLE ATLANTIC
PD-915R**

1 CLASSROOM AV SYSTEM - LECTURE HALL 02
SCALE: 3" = 1'-0"



DESIGNED BY: Designer
DRAWN BY: Author
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DATE:	REVISIONS:
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01/13/25	ADDENDUM 1

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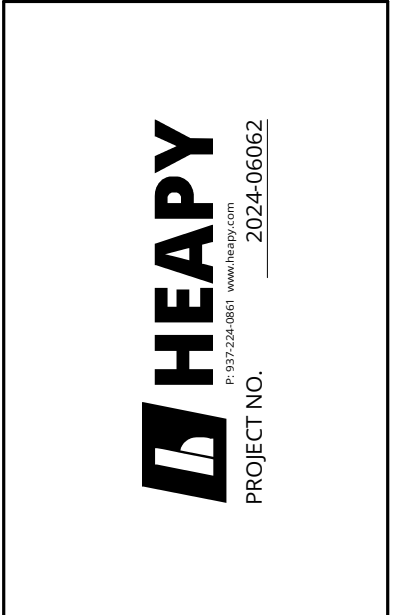
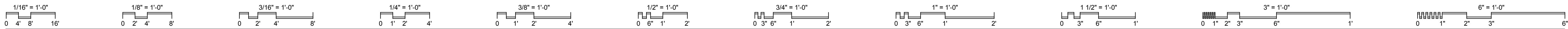
AV SYSTEM DETAIL

SCALE: 3" = 1'-0"

T005

JOB NO.: 24011

DATE: 1/20/2025



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 CHECKED BY: Checker

DATE:	01/13/25
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ADDENDUM 1	

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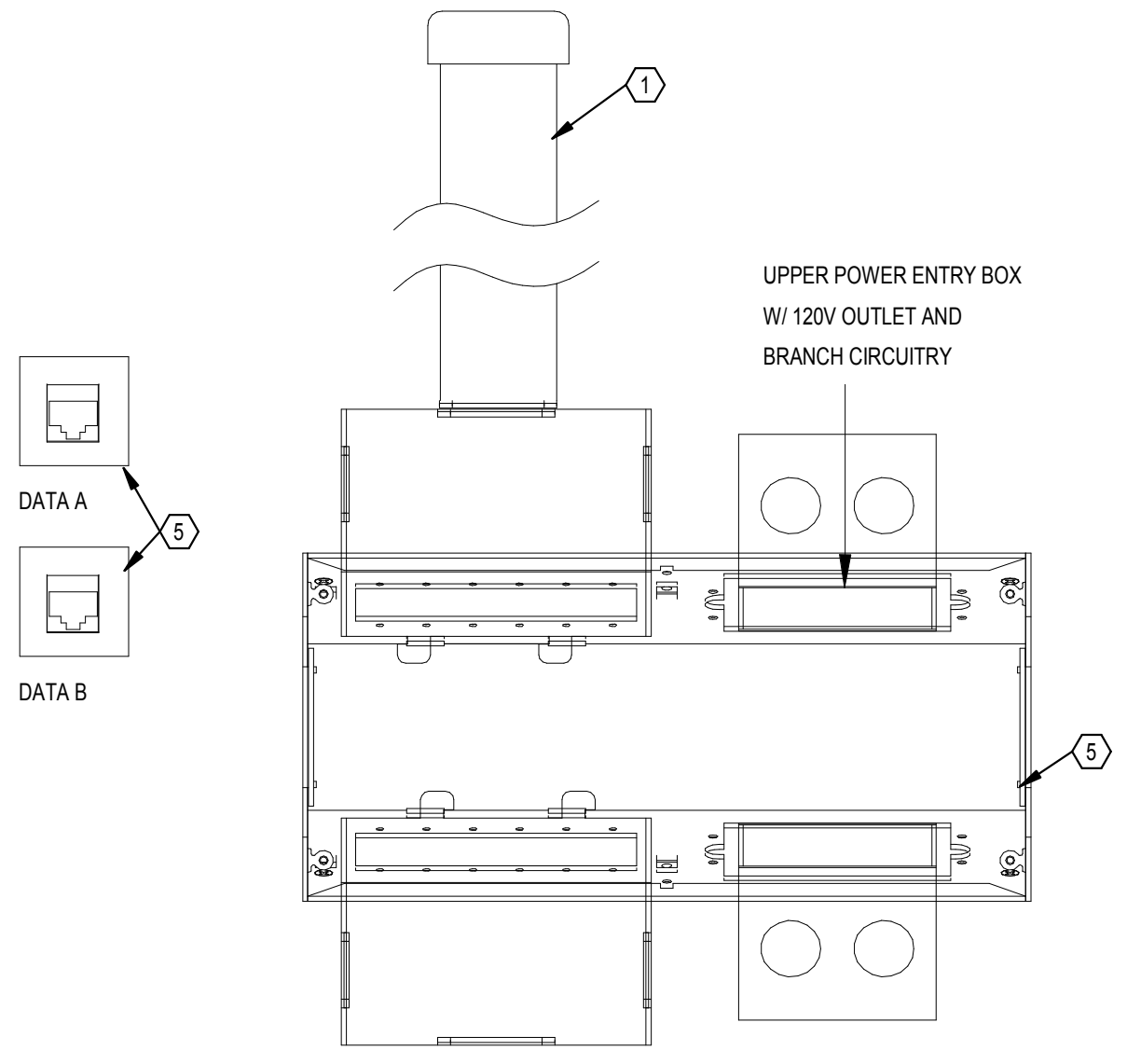
AV OUTLET DETAILS

SCALE: 1" = 10'-0"

T006

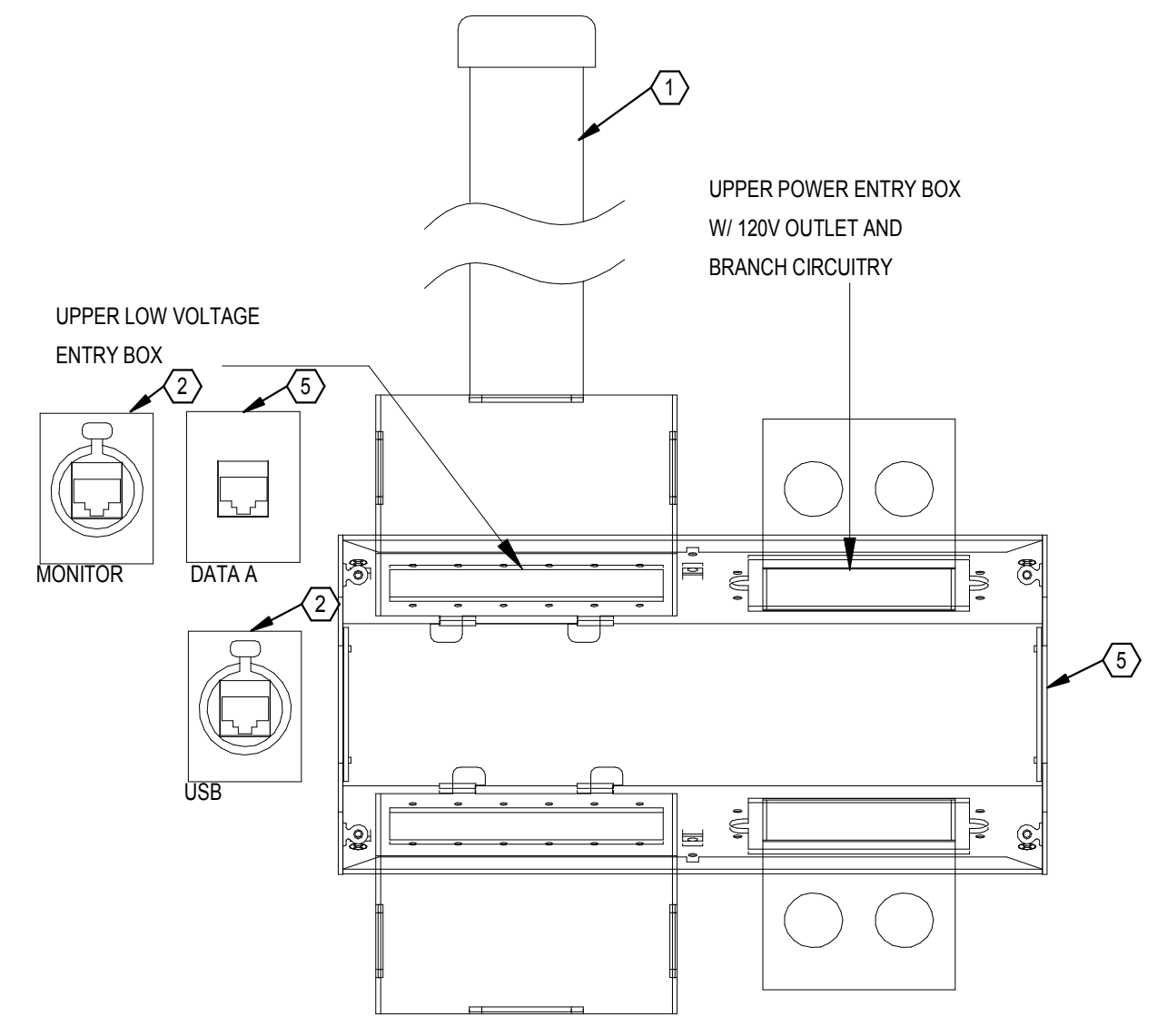
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DATE: 1/20/2025



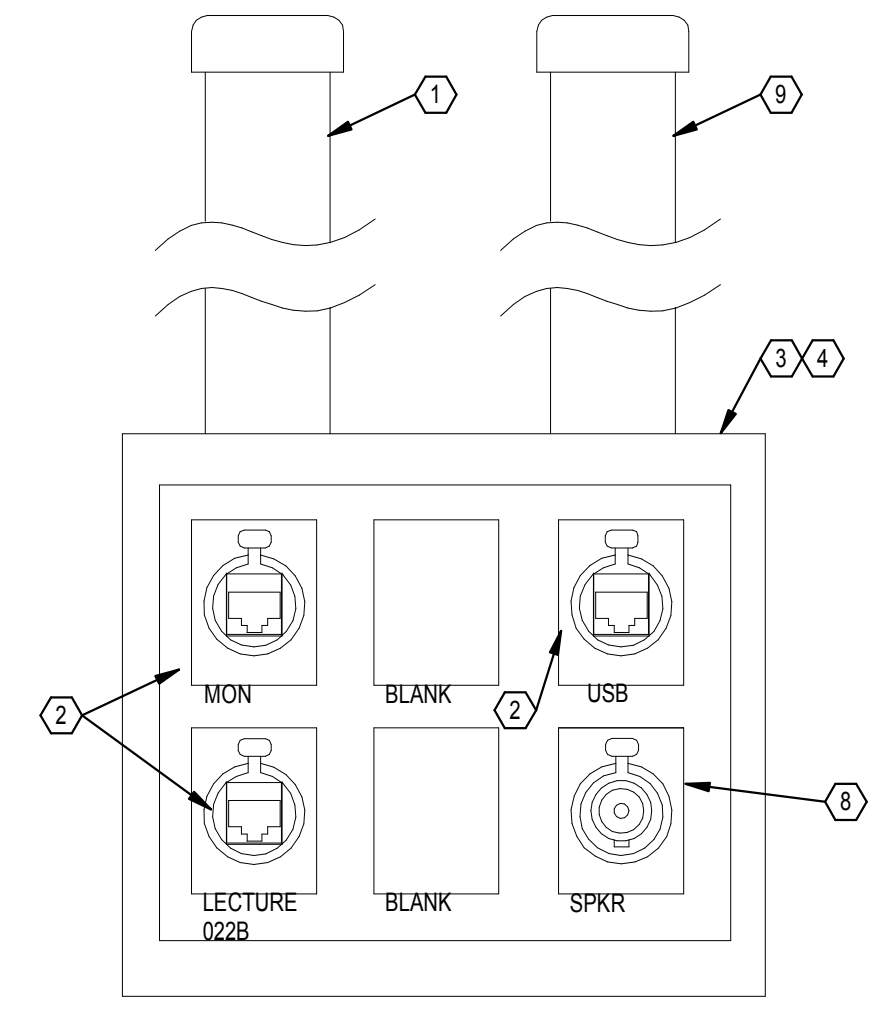
AV OUTLET TYPE A

PORT	CONNECTOR	CABLE	COLOR	APPLICATION
1	RJ45	CAT 6 UTP	---	SCC LAN
2	RJ45	CAT 6 UTP	---	SCC LAN
3				
4				



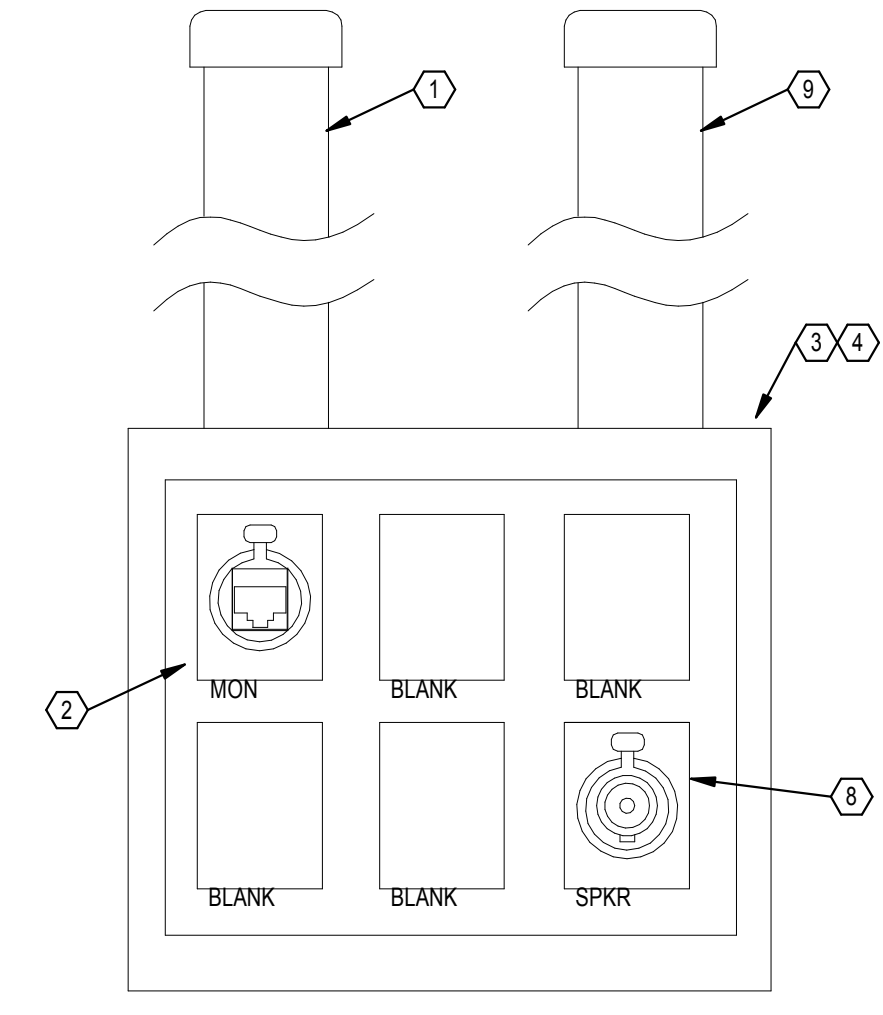
AV OUTLET TYPE B

PORT	CONNECTOR	CABLE	COLOR	APPLICATION
1	ETHERCON	CAT 6 UTP	---	HDBASET
2	RJ45	CAT 6 UTP	---	SCC LAN
3	ETHERCON	CAT 6 UTP	---	USB
4				



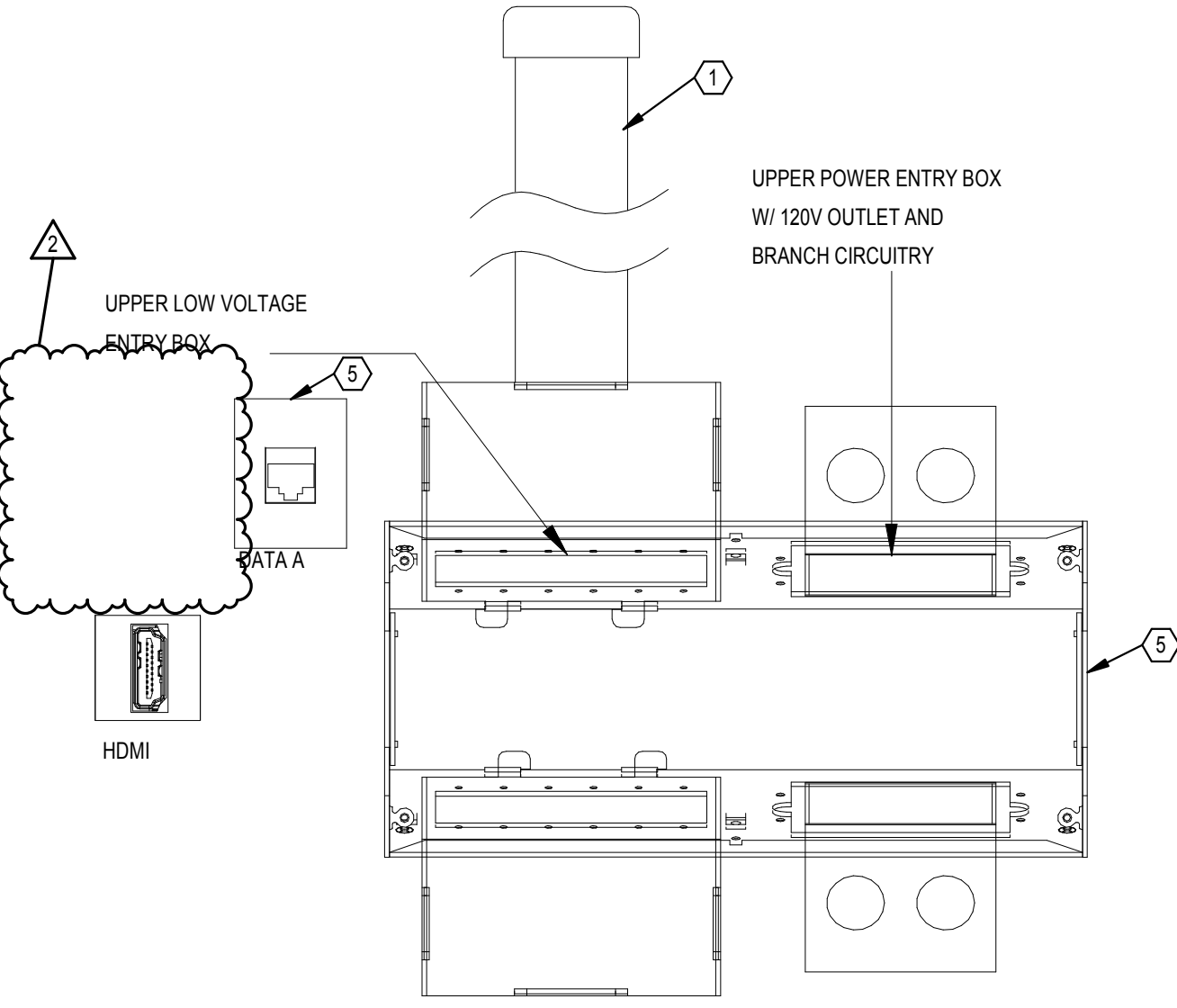
AV OUTLET TYPE C

FACEPLATE: _THREE GANG STAINLESS STEEL					
PORT	CONNECTOR	COLOR	CABLE	COLOR	APPLICATION
1	ETHERCON	---	CAT 6 UTP	---	HDBASE T
2	ETHERCON	---	CAT 6 UTP	---	HDBASE T
3	ETHERCON	---	CAT 6 UTP	---	USB
4	SPEAKON-4P	---	#14 AWG	---	SPEAKER
5					
6					



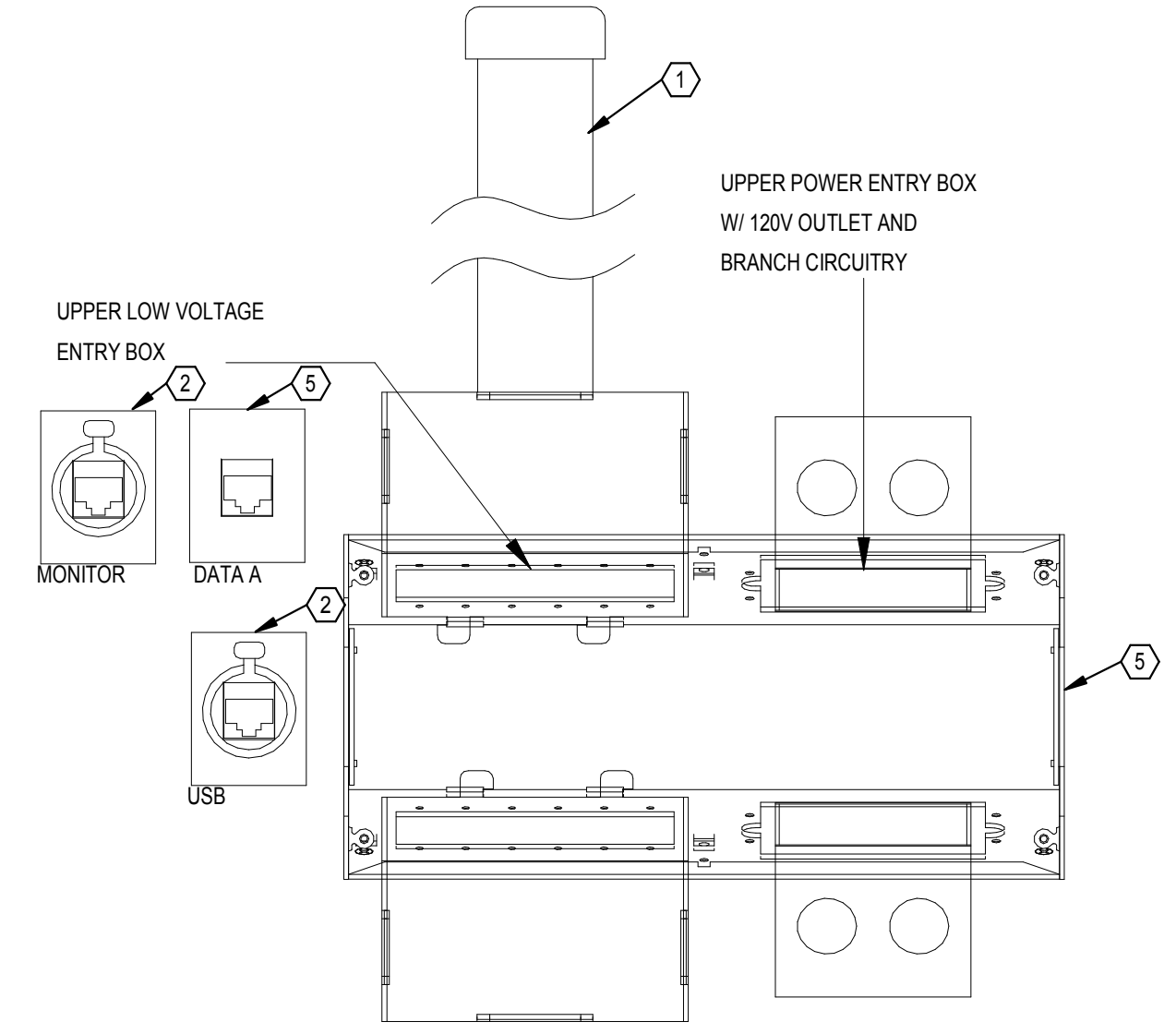
AV OUTLET TYPE D

FACEPLATE: _THREE GANG STAINLESS STEEL					
PORT	CONNECTOR	COLOR	CABLE	COLOR	APPLICATION
1	ETHERCON	---	CAT 6 UTP	---	HDBASE T
2					
3					
4	SPEAKON-4P	---	#14 AWG	---	SPEAKER
5					
6					



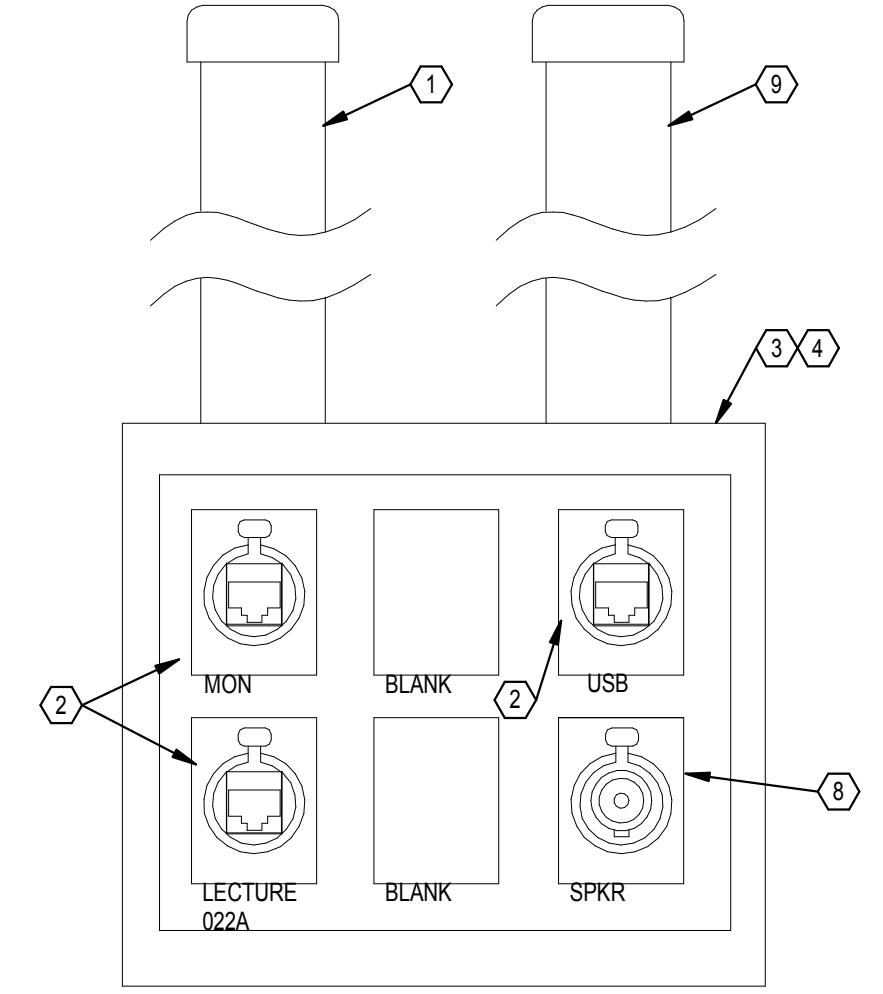
AV OUTLET TYPE E

PORT	CONNECTOR	CABLE	COLOR	APPLICATION
1	ETHERCON	CAT 6 UTP	---	HDBASET
2	RJ45	CAT 6 UTP	---	SCC LAN
3				
4				



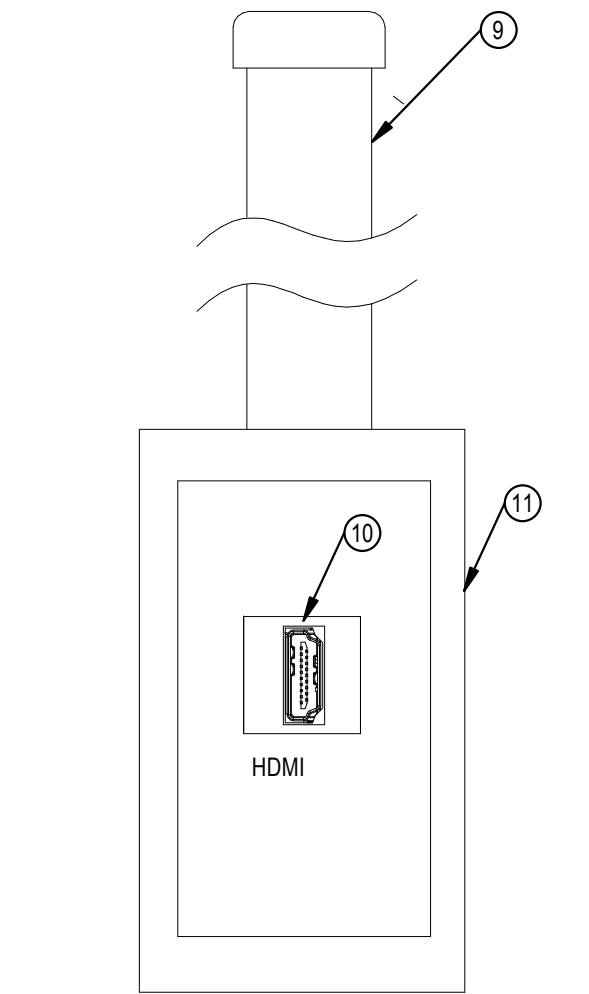
AV OUTLET TYPE F

PORT	CONNECTOR	CABLE	COLOR	APPLICATION
1	ETHERCON	CAT 6 UTP	---	HDBASET
2	RJ45	CAT 6 UTP	---	SCC LAN
3	ETHERCON	CAT 6 UTP	---	USB
4				



AV OUTLET TYPE G

FACEPLATE: _THREE GANG STAINLESS STEEL					
PORT	CONNECTOR	COLOR	CABLE	COLOR	APPLICATION
1	ETHERCON	---	CAT 6 UTP	---	HDBASE T
2	ETHERCON	---	CAT 6 UTP	---	HDBASE T
3	ETHERCON	---	CAT 6 UTP	---	USB
4	SPEAKON-4P	---	#14 AWG	---	SPEAKER
5					
6					



AV OUTLET TYPE H

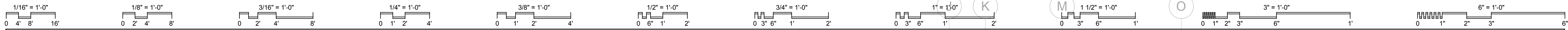
FACEPLATE: _SINGLE GANG PLASTIC			
PORT	CONNECTOR	CABLE	APPLICATION
1	ETHERCON	F/UTP	USB/TP
2	ETHERCON	F/UTP	HDBASET
3			
4			

- DETAIL NOTES**
- RECESSED 1.25" CONDUIT TO ABOVE ACCESSIBLE CEILING.
 - CATEGORY 6 F/UTP CABLE AND ETHERCON CONNECTOR.
 - 3-GANG BOX WITH CONDUIT TO ABOVE ACCESSIBLE CEILING.
 - PROVIDE CUSTOM ENGRAVED FACEPLATE.
 - FSR PWB-100 WHITE WITH ALL REQUIRED DATA/AV INSERTS.
 - CATEGORY 6 CABLE AND JACK.
 - TYPE "F" COAX CONNECTOR WITH RG-6 BACK TO TR AND CATV DISTRIBUTION SPLITTER/TAP.
 - 4 POLE SPEAKON CONNECTOR AND #14AWG SPEAKER WIRING.
 - RECESSED 1" CONDUIT TO ABOVE ACCESSIBLE CEILING.
 - HDMI CONNECTOR AND CABLING.
 - 1-GANG DEEP BOX WITH COVER.

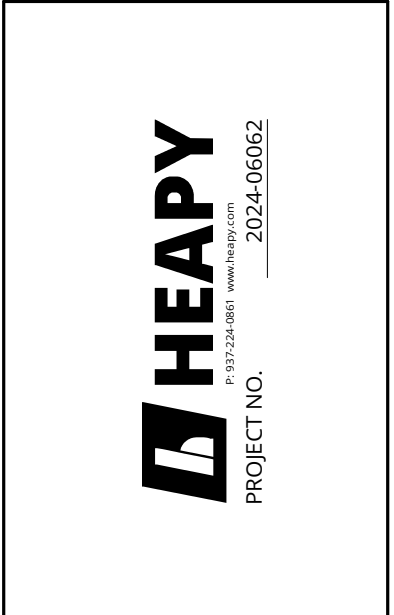
- DETAIL GENERAL NOTES**
- DATA OUTLETS TO BE PROVIDED WITH NOMINAL 7' PATCH CORD FOR EACH JACK. FINAL CABLE LENGTHS/QUANTITIES TO BE COORDINATED WITH SCC.
 - AV OUTLETS TO BE PROVIDED WITH MATCHING PATCH CABLES FOR EACH PORT. LENGTH AS REQUIRED BY EQUIPMENT LOCATION. PROVIDE BLACK CABLE ORGANIZER FOR CABLE BUNDLE.

1 AV OUTLET DETAILS

SCALE: 1" = 10'-0"



- PLAN NOTES**
- EXISTING LEVEL GUARD DOOR CONTROLLER PANEL TUB. PROVIDE NEW LNL-1320 2 DOOR CONTROLLER BOARD WITH MAGNETIC STANDOFF BRACKET.
 - CEILING MOUNTED IP CAMERA WITH DATA DROP TO BE PLACED IN THE CEILING OF THE AMBULANCE SIMULATOR IN COORDINATION WITH OWNER REQUIREMENTS PROVIDE AXIS M526-E CAMERA PROVIDE OPTIONAL AUDIO CONNECTOR ASSEMBLY FOR CONNECTION TO 2-WAY OVERHEAD COMMUNICATION SYSTEM.
 - CEILING MOUNTED MICROPHONE IN THE AMBULANCE SIMULATOR FOR 2-WAY COMMUNICATION SYSTEM.
 - CEILING MOUNTED SPEAKER IN THE AMBULANCE SIMULATOR FOR 2-WAY COMMUNICATION SYSTEM.
 - WALL MOUNTED JUNCTION BOX WITH GROMMETED COVER, 2-GANG BOX, 1" CONDUIT TO ABOVE CEILING.
 - UTILIZE EXISTING CONDUIT RISERS FOR NEW DATA CABLING.
 - PROVIDE NEW ALTRONIX 8-DOOR, 24V POWER SUPPLY. CONNECT TO EXISTING LINE VOLTAGE IN EXISTING POWER SLEEVE ABOVE.
 - PROVIDE NEW 4" CONDUIT SLEEVE UP (THROUGH EXISTING CORE) FOR NEW CABLING.
 - AV EQUIPMENT TO BE INSTALLED IN CUSTOM CASEWORK RACK.
 - DISCONNECT AND MAINTAIN EXISTING FURNITURE FLOOR DATA CONNECTIONS FOR ROTATED FURNITURE AND RECONNECT AS REQUIRED.



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LOWER LEVEL
FLOOR PLAN - NEW WORK

SCALE: As indicated

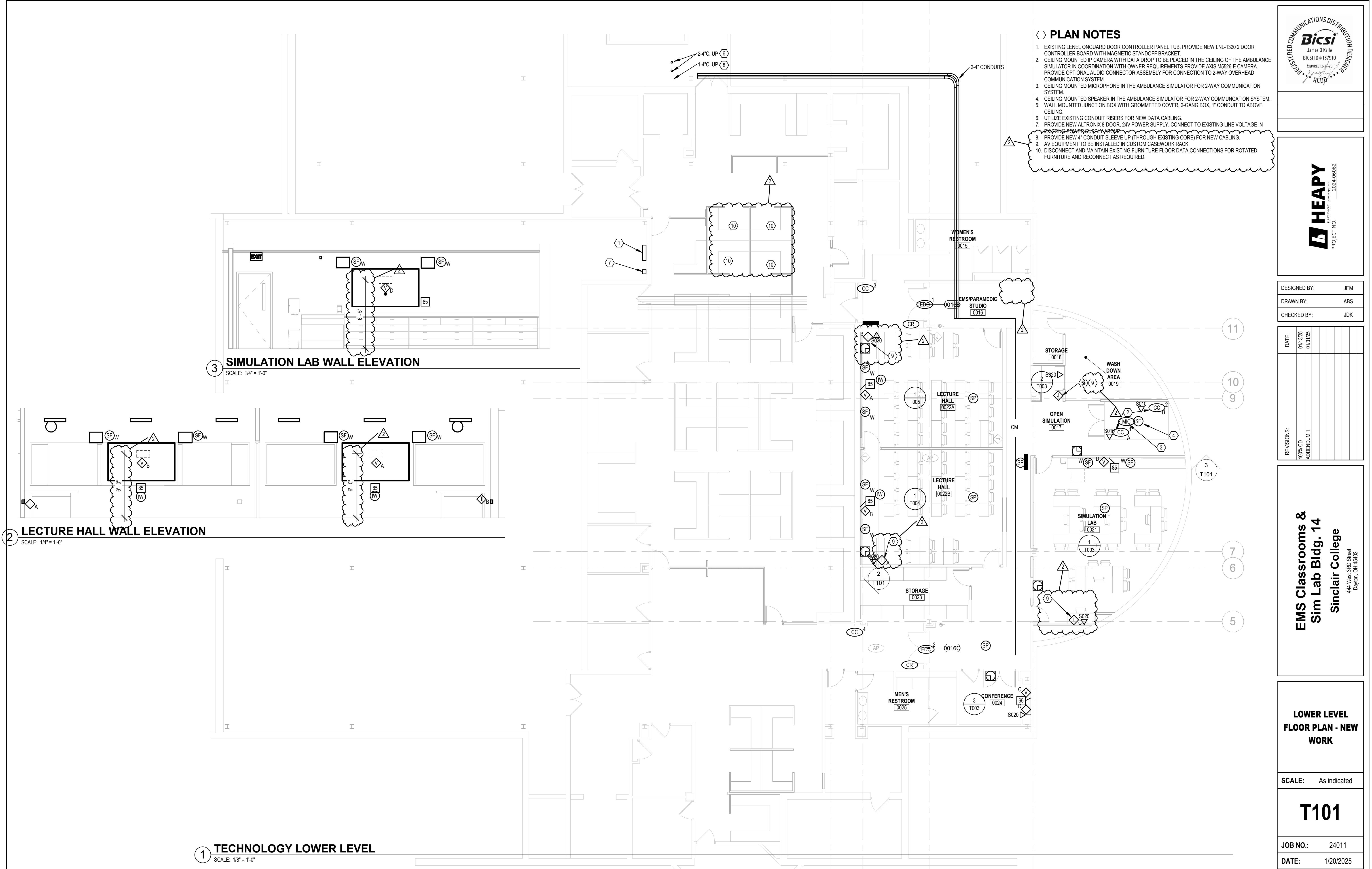
T101

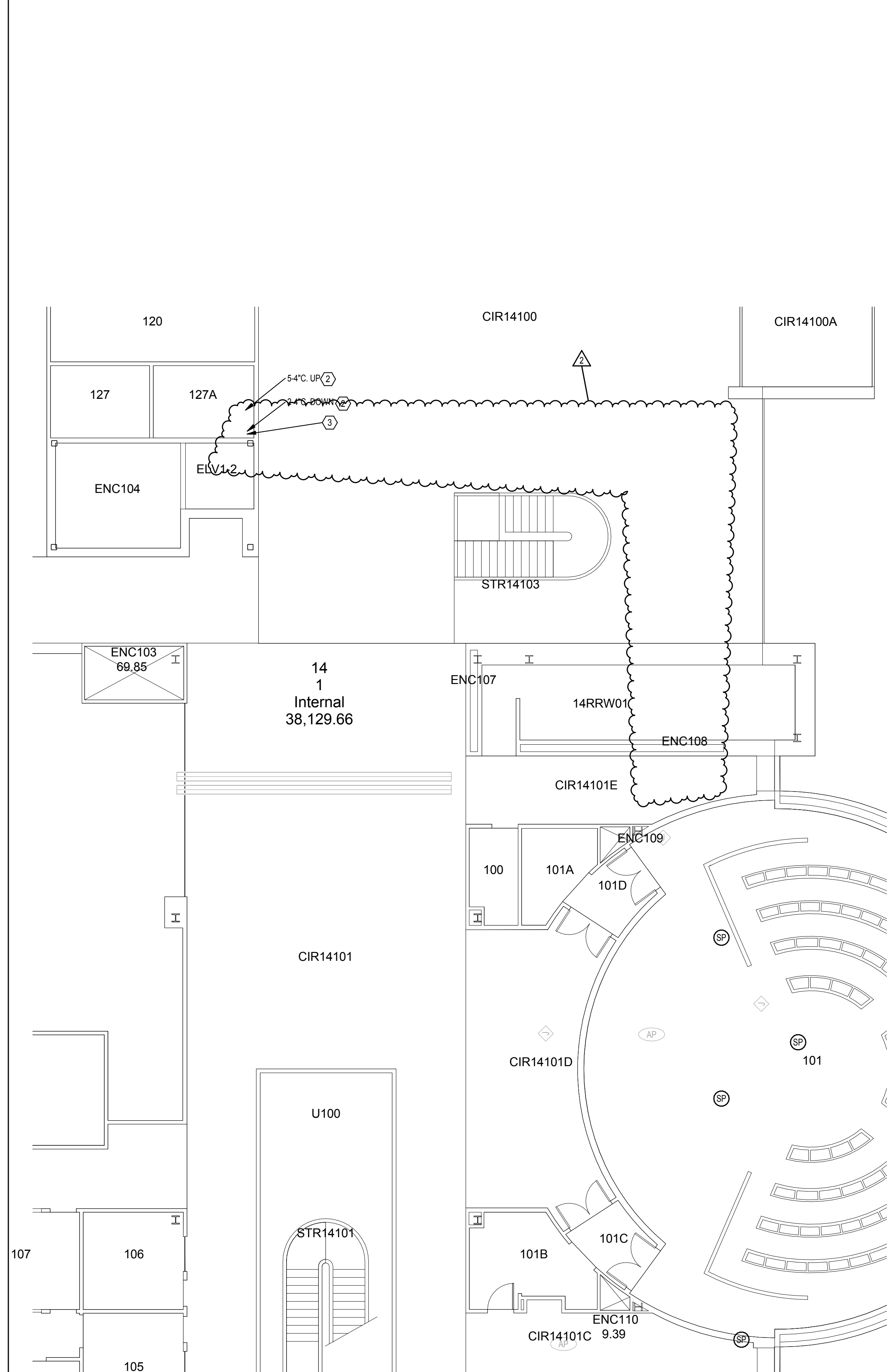
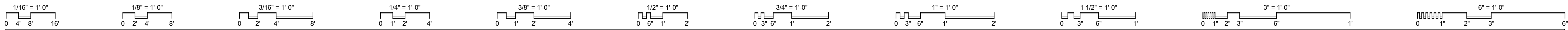
JOB NO.: 24011
 DATE: 1/20/2025

3 SIMULATION LAB WALL ELEVATION
 SCALE: 1/4" = 1'-0"

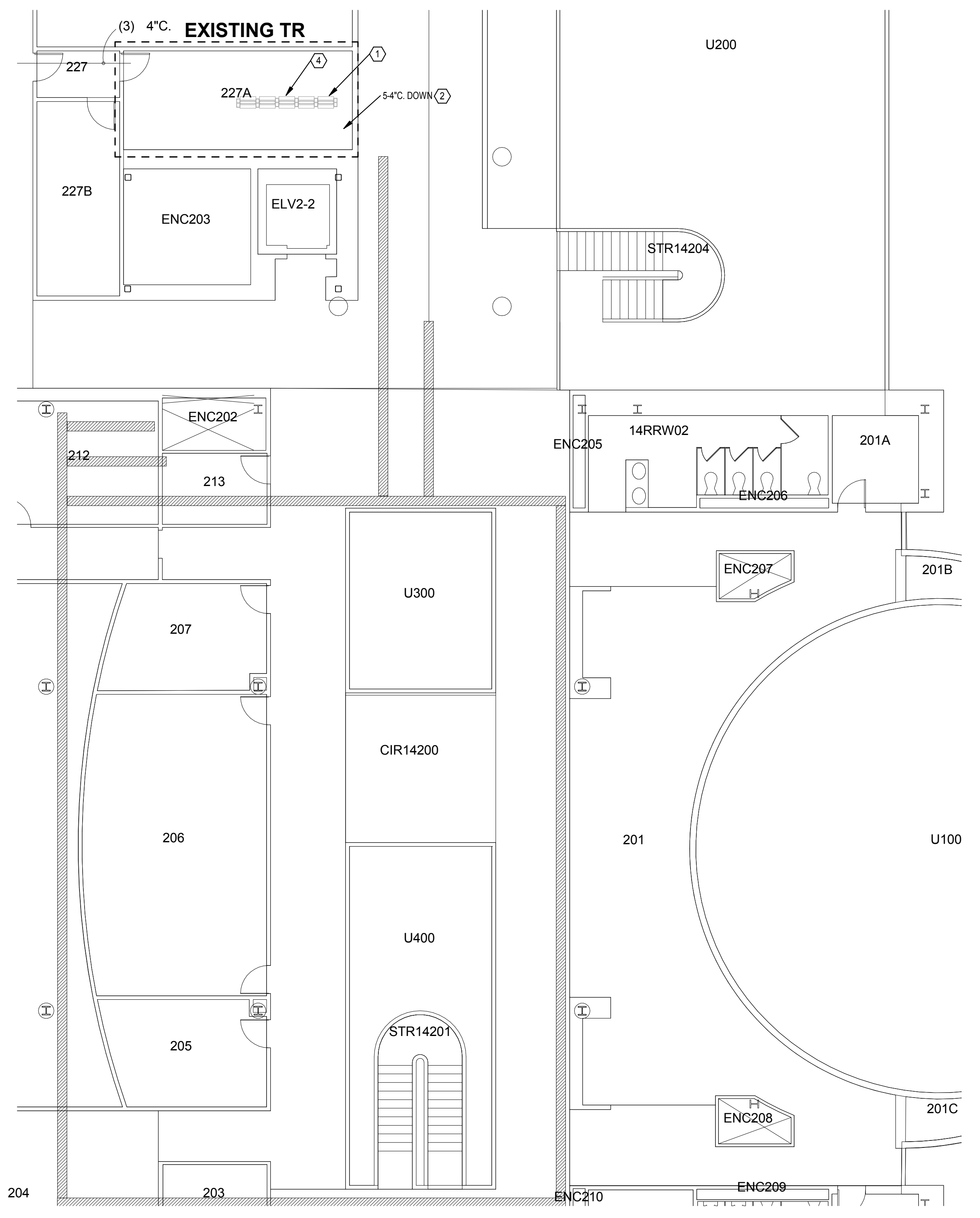
2 LECTURE HALL WALL ELEVATION
 SCALE: 1/4" = 1'-0"

1 TECHNOLOGY LOWER LEVEL
 SCALE: 1/8" = 1'-0"





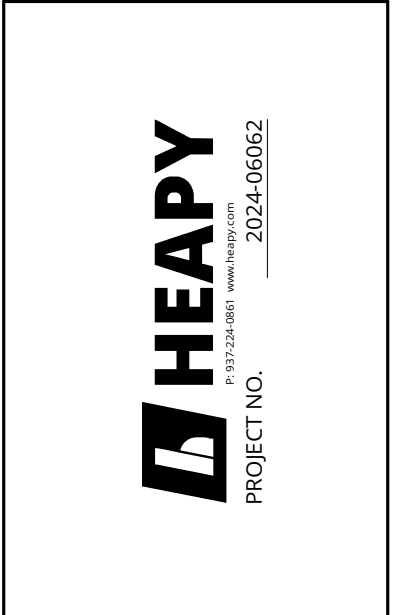
1 PARTIAL FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"



2 PARTIAL SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

PLAN NOTES

1. EXISTING RACKS. PROVIDE NEW 48 PORT CAT 6 MODULAR PATCH PANELS IN EXISTING RACKS. COORDINATE WITH SCC OIT.
2. EXISTING RISER CONDUITS.
3. PROVIDE NEW 4" CONDUIT SLEEVE THROUGH EXISTING CORE IN FLOOR. UTILIZE FOR NEW CABLING.
4. PROVIDE NEW CAT 6 MODULAR JACKS IN EXISTING MODULAR PATCH PANEL FOR NEW CAMERA CABLING.



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DATE:	REVISIONS:
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FIRST AND SECOND FLOOR PARTIAL PLANS

SCALE: 1/8" = 1'-0"

T102

JOB NO.: 24011

DATE: 1/20/2025