

ADDENDUM NO. 02

TO THE PLANS AND SPECIFICATIONS FOR:

Wheatley Institute Third Floor Renovation

Prepared by

Brigham Young University
Planning & Construction Dept.
240 Brewster Physical Plant
Provo, Utah 84602
20 February 2025

This Addendum issued 20 February 2025 is for all persons preparing bids and as such shall be made a part of the contract documents. This Addendum consists of this cover sheet and 31 pages. In case of any conflict between the drawings, specifications, and this Addendum, this Addendum shall govern. All changes, corrections, deletions and/or additions to the initial bidding documents shall be included in the Bidder's proposal. Receipt of this Addendum shall be acknowledged on the Bid proposal forms.

Approved by:



Anthony R. Burdette, Director of Construction

20 Feb 2025

Date

Project: Wheatley Institute – 3rd Floor Renovation

Work Order: M9243

ADDENDUM NO. 2

Date: February 19, 2024

This addendum modifies the following drawings and specifications as follows.

Bidding Information:

1. See attached bidding responses following this narrative sheet.

Drawing Information:

1. **Sheet G0.2**
 - REVISE: Responsibility Matrix for door hardware and signage.
2. **Sheet A1.1**
 - REVISE: Sheet keynote callout for door in hall 384 to show correct information.
3. **Sheet A1.2**
 - ADD: Sheet keynote 14 & tag reference on plan to show portion of ceiling soffit to be removed as part of the demo scope. Elevation tags are shown for clarity.
 - REVISE: Sheet keynotes 2 and 3 to show correct information.
4. **Sheet A1.3**
 - ADD: Location of new Fire/Smoke Damper in storage room 388 along with Return-Air-Grill in wall in Initiative Room 342-11.
 - REVISE: Thickness of wall assembly at reception feature wall to be 6”.
5. **Sheet A4.2**
 - ADD: Location of new Fire/Smoke Damper in storage room 388 along with Return-Air-Grill in wall in Initiative Room 342-11.
6. **Sheet A4.3:**
 - REVISE: Detail 3, sheet keynote reference to show feature wall dimensional signage as Owner Provided, Owner Installed.
7. **Sheet A6.1:**
 - REVISE: Door Schedule to show Door Hardware Set numbers for all doors within project scope.
8. **Sheet E1.1:**
 - ADD: Two new floor penetrations (power only) through floor slab in south-east portion of open office area – rm 342 with associated sheet keynote 21 to new floor plan.
 - ADD: Connections to Fire/Smoke Damper in Storage Room 388 with associated sheet keynote 22 to new floor plan.
 - ADD: TVSS connection to north wall of Initiative #2 rm 386 with associated sheet keynote 23 to new floor plan.

Project: Wheatley Institute – 3rd Floor Renovation

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9. Sheet E1.2:

- REVISE: Light Fixture keynote #12 in Initiative #1 room.
- REVISE: Sheet keynote 13 callout information.

10. Sheet E5.1:

- REVISE: Devices and Pathways legend to show TVSS
- REVISE: Fire Alarm legend to show Fire/Smoke Damper
- REVISE: Detail 6 – Electrical Device mounting Heights – Elevation to show TVSS receptacle.

Specification Information:

1. Section 08 7100 DOOR HARDWARE:

- New complete specification section.

Re-issued Sheets (Full Size):

G0.2, A1.1, A1.2, A1.3, A4.2, A4.3, A6.1, E1.1, E1.2, E5.1

BIDDING QUESTIONS

	QUESTIONS	RESPONSES
1	an the load capacity for the existing floors be provided. (To determine size of scissor lift that can be used on the project.)	The original concrete slab was design for an 80 PSF live load
2	06 2000.1.06.B AWI QCP certification. For the amount of work involved on this project is this required? Is it acceptable that they follow AWI requirements but not require the certification?	It will be acceptable to follow the AWI guidelines, no certification will be required for this project.
3	08 1416: Flush wood doors. The species of veneer does not appear to be noted. From the walk through it appears they are Cherry doors. Please confirm species and the cut?	Wood Species for flush wood doors are to be Cheery wood. Per part 2.04, cut to be plain slice.
4	08 7000: Specifications for the door hardware are missing. Please provide.	Specification section 08 7100 is included as part of this addendum.
5	10 1400 Interior signage: a. A1.3 GN 6 says room signage by BYU. Please confirm. b. Plan sheet A4.3, note 4 talks about dimensional signage and says "RE: SPECS." No specification section is found. Please provide specifications for signage.	A. Room signage will be provided and installed by BYU. B. Dimensional Signage will be provided an installed by BYU. Responsibility Matrix on sheet G0.2 has been revised to reflect this change.
6	Specification Section 21 0500: Can Hatfield Fire Protection be added to the approved list of fire sprinkler contractors?	Hatfield Fire Protection can be used as an approved fire sprinkler contractor.
7	A1.1 note 2: Remove and dispose of existing carpet throughout Wheatly Institute space to be completed by BYU Upholstery shop. a. Please confirm that BYU Upholstery shop is removing the carpet. This is different than understood from the walk through. b. Will this work be done by the May 5th Start date?	A. Removal of existing carpet throughout space will be under the responsibility of BYU and it will be done towards the end of the construction timeframe. B. Exact timeline will be coordinated with the GC at a future date. It will be the responsibility of the GC to remove a portion or sections of carpet tiles as required for the placement of new stud walls.
8	A1.1 call out for note 10 at the door along grids C17.5 seems to be mislabeled. Please clarify.	Callout note for door has been revised with correct information. Sheet is reissued as part of this addendum.
9	A1.2 has many notes that seem to be mismatched with the location and scope of work noted. Please clarify.	Callout notes 2 & 3 were mis-labeled and have been revised to provide the correct callout note information. Sheet is reissued as part of this addendum.
10	Can the elevation of the existing gypsum soffit around the perimeter of the open space be given to help clarify scope of work for new walls and ceilings. IE the grid that sits inside it is at 14'-0" Does this sit at 13'-0" with a 12" difference?	Bottom of soffit elevation is indicated on RCP at 13'-10". A second elevation tag has been added to the sheet A1.2 for clarity.
11	A1.3 GN 8 says GC provides fire caulking at all walls. Please clarify if this is for all walls or only rated walls. If only rated walls, please confirm the rated walls shown on G02 are the only walls that apply to this project.	Correct! Only penetrations through fire walls will need to have fire caulking and G0.2 shows what walls are "known" at this time to be rated.
12	A1.3 KN 10 and Elevation 5/A4.3: Is this signage by BYU or GC? If by GC please provide additional information (Specs).	All signage (room and dimensional) to be provided and installed by BYU. Responsibility Matrix has been revised to reflect this change and sheet as been reissued as part of this addendum.

BIDDING QUESTIONS

<p>13 A4.1 Glazing type Legend: Privacy film refers us to the specifications. There is nothing in the specifications for the privacy film. Please confirm the information given in the Material Finish Legend on A6.1 is accurate.</p>	<p>Glazing Type Legend for privacy film has been revised to read "RE: FINISH LEGEND" - information provided on sheet A6.1 for privacy film is correct.</p>
<p>14 A6.1 Glazing. Calls out for ½” glass thickness for the Laminated and then ¼” for the tempered. Changing glass thickness in the same storefront system can sometimes cause issues. Please confirm two different thicknesses are desired.</p>	<p>1/4" tempered glazing is to be used in lites for HM door frames. 1/2" laminated glazing is to be used in all aluminum storefront systems. Wood doors in aluminum framed storefronts are flush and are not intended to have door lites.</p>
<p>15 E1.2 Note 12. Please clarify where these two fixtures come from. Based on the demo plan we can't find where these two reused fixtures are coming from.</p>	<p>GC/EC will need to provide 2 new fixtures to match existing linear pendent fixtures at this location.</p>
<p>17 M1.0 RN 4: The two locations for the floor F/S dampers that are called out have architectural implications per detail on 3/M1.1. as well but nothing is in the architectural plans. a. As part of this, can information about the space beneath that will have to be accessed be provided? b. Being FSD don't these have to tie into the FA system? Nothing is noted on the electrical pages relating to these F/S dampers.</p>	<p>F/S Damper and ducts footprints will be shown and noted on architectural plans to refer to mechanical drawings. A. Installation of the dampers falls under the contractor means and method - the design intent should allow for installation of the F/S dampers within Storage Room 388. B. F/S Dampers will need to be tied into the Fire Alarm System. A A revised drawing showing the tie-in is included as part of this addendum.</p>
<p>18 M1.1a: Could an additional plan page be provided clouding or clearly noting the area and scope of work for Alternate #2- Lowering of VAV's and ducting not in the base bid? See notes on current M1.0 for clarification of what we are trying to portray/ask for. IE how far back to go to start the height transition, can hard elbows be used and they drop vertically? This will be VERY helpful for mechanical bidders.</p>	<p>Mechanical contractors are to base bid pricing off response to question #9 on addendum #1 issued on 2/14/25. To lower VAV boxes vertical drops may be utilized. GC/MC shall use hard ducted elbows/transitions - refer to round neck diffuser detail on sheet M1.2.</p>
<p>19 T1.3 RN 1: says Electric shop. Per the responsibility matrix are these raceways and low voltage rings would be part of the GC/EC work? Please confirm this.</p>	<p>Note should read "Electrical Contractor" and will be part of the GC/EC scope.</p>
<p>21 Submittal section (1.04) of Division 09 2116 Note E calls for the contractor to submit structural calculation and details stamped by an engineer. Please advise what is to be engineered.</p>	<p>Section 09 2116 Part 1.04 bullet point E is not applicable to the project and will be struck from the section.</p>



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DATE: 01.31.2025
 DESIGNER: J. PALMER
 DRAWN BY: MDL

ADA CHECK: _____
 CODE CHECK: _____
 STRUCTURAL: _____
 UTILITIES DIR: _____
 PLANNING DIR: _____

CLIENT APPROVAL DATE

REVISIONS
 ADDENDUM NO. 1 02.14.2025
 ADDENDUM NO. 2 02.19.2025

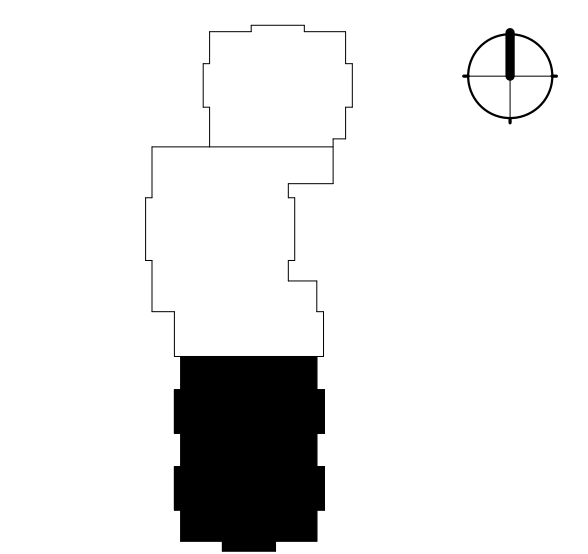
REFERENCE NOTES

- LIGHT GAUGE METAL FRAMING/STUD. STUD SIZE TO BE 4" U.N.O. BRACE TOP OF WALL BACK TO STRUCTURE AS REQUIRED. WHERE A NEW WALL ATTACHES TO AN EXISTING WALL STUD SIZE TO MATCH EXISTING SO FACES OF WALLS ALIGN.
- 5/8" TYPE 'X' GYPSUM WALL BOARD. EXTEND A MINIMUM OF 18" ABOVE FINISHED CEILING U.N.O.
- ACOUSTIC SOUND BATT INSULATION.
- METAL RUNNER - BOTTOM TRACK.
- METAL RUNNER - TOP COMPRESSION TRACK.
- SEALANT WITH BACKER ROD. USE ACOUSTIC SEALANT AT SOUND WALLS.
- WALL BASE, RE: FINISH SCHEDULE.
- TOP OF WALL CONDITION, RE: PLANS AND DETAILS.
- SINGLE LAYER 5/8" TYPE 'X' GYPSUM WALL/CEILING BOARD.
- SUSPENDED ACOUSTIC CEILING TILE (ACT) AND GRID SYSTEM. RE: FINISH SCHEDULE.
- EXISTING 1HR RATED COMPOSITE CONCRETE FLOOR SLAB ASSEMBLY.
- EXISTING STRUCTURAL STEEL FRAMING SYSTEM.
- CARPET (NIC) INSTALLED BY BYU.

LEGEND

- WALLS**
- EXISTING WALL - TO REMAIN
 - EXISTING WALL - DEMOLISH
 - NEW MTL STUD WALL, RE: WALL TYPE
- DOORS**
- EXISTING DOOR - TO REMAIN
 - EXISTING DOOR - DEMOLISH
 - NEW DOOR
- CEILINGS**
- SLOPED GYP CEILING - DEMOLISH
 - EXISTING CEILING - TO REMAIN
 - EXISTING CEILING - DEMOLISH
 - NEW CEILING
 - PENDANT LIGHT FIXTURE - EXISTING TO REMAIN
 - PENDANT LIGHT FIXTURE - REMOVE AND SALVAGE
 - PENDANT LIGHT FIXTURE - REINSTALLED
 - LAY-IN LIGHT FIXTURE (SIZE VARIES) - DEMOLISH
 - LAY-IN LIGHT FIXTURE (SIZE VARIES)
 - MECHANICAL DIFFUSER/GRILLE
 - LINEAR SLOT DIFFUSER - EXISTING
 - LINEAR SLOT DIFFUSER - DEMOLISHED
 - CONCEALED FIRE SPRINKLER HEAD
 - EXIT SIGNAGE
 - WIRELESS ACCESS POINT

KEY PLAN



HINKLEY CENTER - 3RD FLOOR

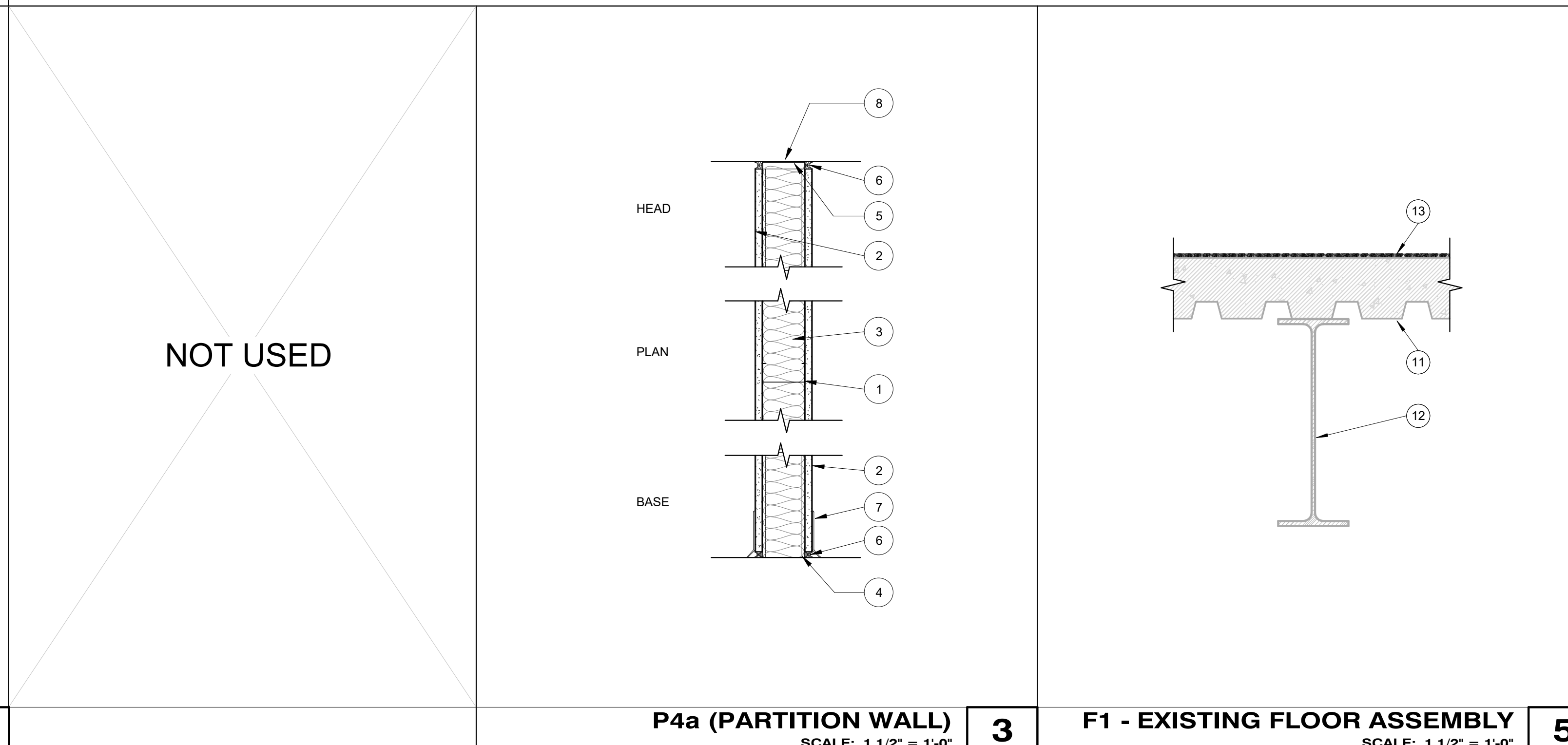
ASSEMBLIES TYPES

WORK ORDER & SHEET NO.

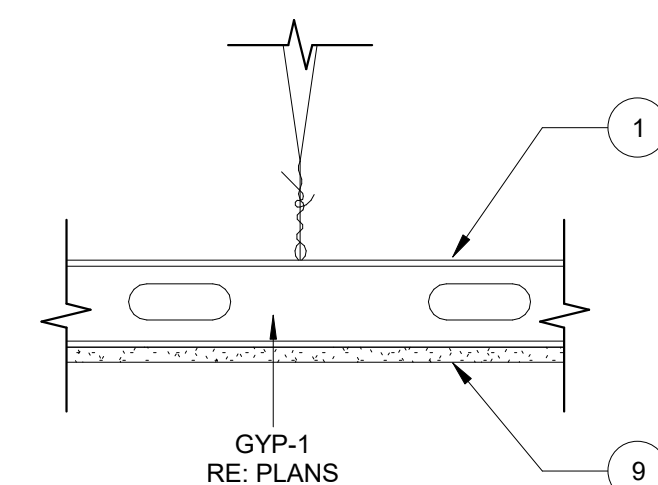
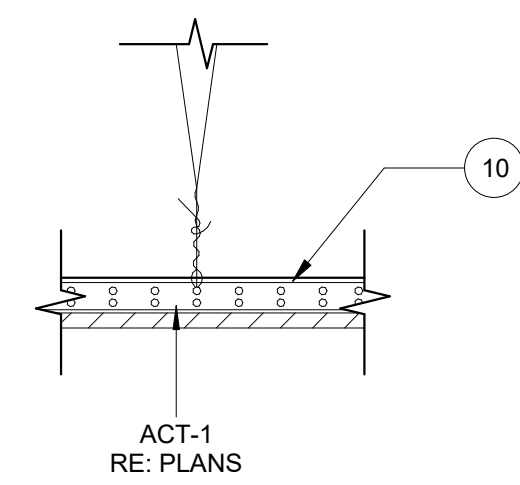
M9243
G0.2

Not-In-Contract (NIC) Coordination List	Furnished by BYU	Installed by BYU / BYU Vendor	Installed by General Contractor	Furnished by General Contractor	Notes
All Design Fees	x				
All Printing Costs (Use established BYU printing contract)	x				
Fees: Plan Check, Demolition Permit, Grading Permit, Building Permit, Sign Permit, Engineering Permit, Connection, and Impact	x				
Street and Sidewalk Closure Permit, Haul Route Permit, etc.				x	
Payment, Performance, and Materials Bonds				x	
Asbestos and Hazardous Materials Abatement	x				
Testing and Special Inspection Fees	x				
Testing and Special Inspection Scheduling				x	
Room Signage - interior and exterior	x	x			
Dimensional Sign Characters	x	x			
Door Hardware			x	x	
Removeable Core Cylinders and Keying	x	x			
Fire Extinguisher Cabinets and Extinguishers			x	x	
General					
Audio / Sound Reinforcement with mounting hardware, etc. (power and rough electrical In Contract)	x	x			
Flat Panel Displays and Digital Signage with mounting hardware (backing, power and rough electrical In Contract)	x	x			
CCTV Cameras with mounting hardware (power and rough electrical In Contract)	x	x			
Smart Boards and Interactive Marker Boards with mounting hardware (power and rough electrical In Contract)	x	x			
All AV systems (power and rough electrical In Contract)	x	x			
All Data Pathways, Termination Boxes and Mud Rings, Pull Strings, Warranty			x	x	
All Data Racks, Cabling, Terminations to Wall Plates	x	x			
All Cable Tray			x	x	
Cable Pass Systems complete, Terminations, Wall Racks, Cable Hangers, Wall Plugs, Intumescent bags (1 per cable pass penetration)			x	x	
Wireless Access Points (Power and Data in Contract)	x	x			
Time Clocks - Student Employee Type (power, data, and rough electrical In Contract)	x	x			
Interiors					
KV type adjustable shelving	x	x			
Marker boards / Tack boards	x	x			
Casework and Cabinetry	x	x			
Solid Surface Countertops	x	x			
Systems Furniture in Offices, etc.	x	x			
Movable Furniture and Seating	x	x			
Carpet and Carpet Base, LVT, Rubber Base	x	x			
Systems					
Mechanical Controls Hardware (both system and terminal units) by Atkinson or Johnson Controls	x		x		
Mechanical Controls Raceway and Wiring			x	x	
Mechanical Controls Programming (Software - both system and terminal units) by Atkinson or Johnson Controls	x	x			
High Temperature Hot Water Control Valves	x		x		
High Temperature Controls (panels and sensors)	x	x			
Project Specific					
Moving Existing Equipment	x				

RESPONSIBILITY MATRIX



NOT USED



ACT-1 (ACOUSTIC CEILING TILE)
 SCALE: 1 1/2" = 1'-0"

1

GYP-1 (GYPSUM CEILING)
 SCALE: 1 1/2" = 1'-0"

2

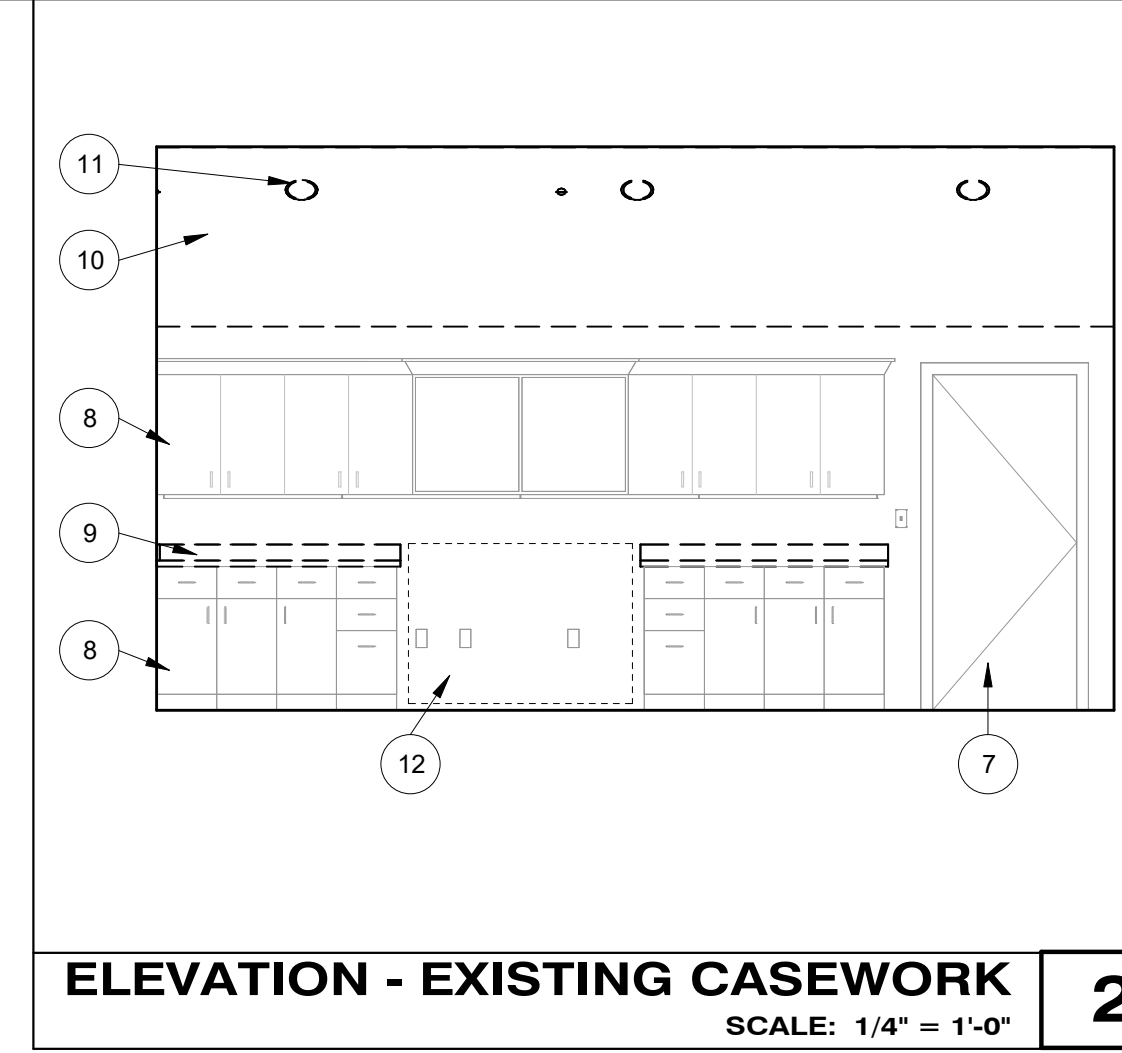
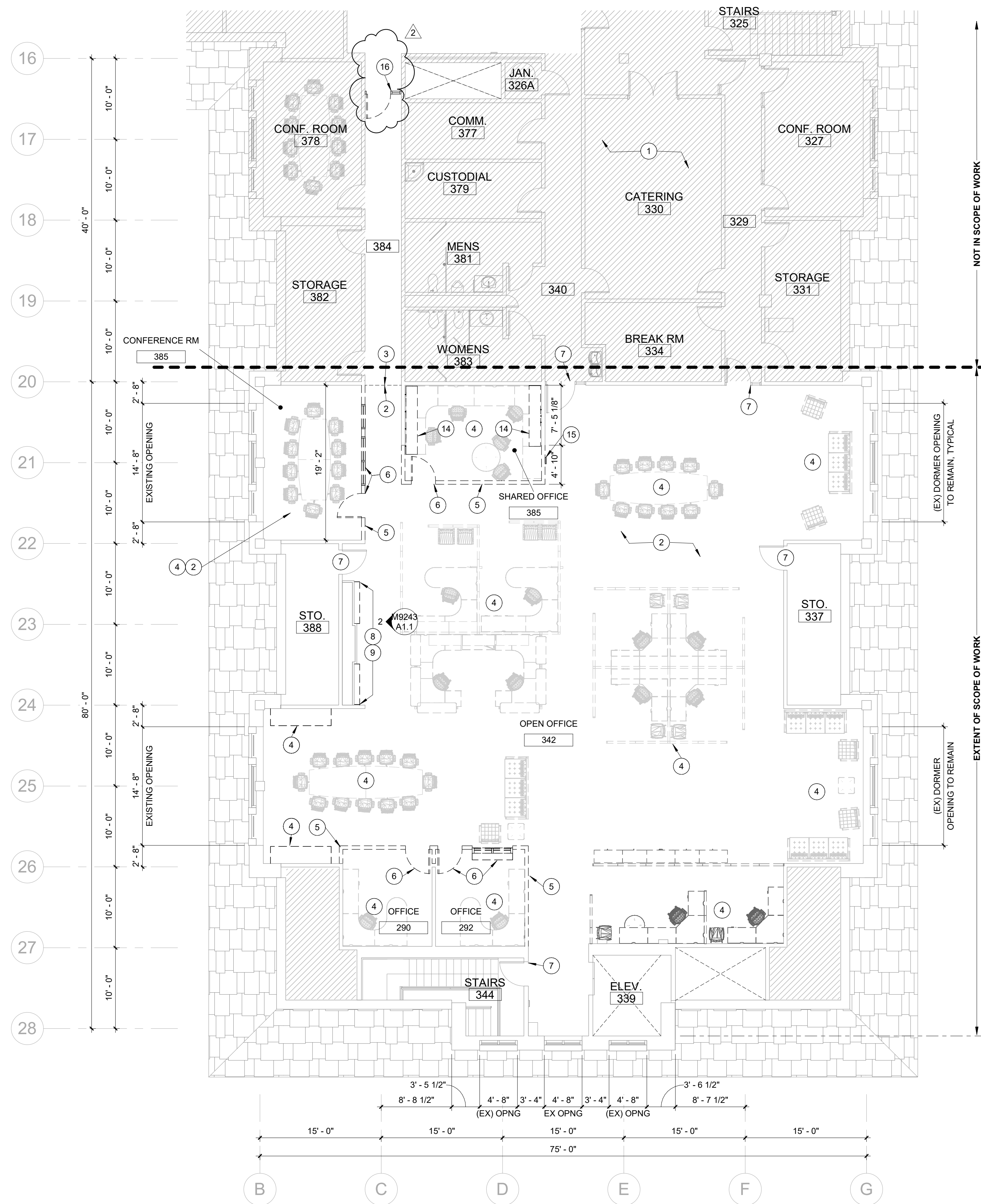
P4a (PARTITION WALL)
 SCALE: 1 1/2" = 1'-0"

3

F1 - EXISTING FLOOR ASSEMBLY
 SCALE: 1 1/2" = 1'-0"

5

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ELEVATION - EXISTING CASEWORK
SCALE: 1/4" = 1'-0" **2**

GENERAL NOTES

- FIELD VERIFY ALL CONDITIONS PRIOR TO START OF DEMOLITION ACTIVITIES. REFER TO RESPONSIBILITY MATRIX FOR ITEMS UNDER THE GENERAL CONTRACTOR'S SCOPE OF WORK AND ITEMS UNDER THE OWNER'S SCOPE OF WORK.
- GENERAL CONTRACTOR SHALL TAKE NECESSARY ACTIONS TO PROTECT EXIST. WALLS, DOORS, WINDOWS, FLOORS, SIGNAGE, BELLS, ALARMS, FIRE EXTINGUISHER CABS., DRINKING FOUNTAINS, WALL MOUNTED HEATERS, & ANY OTHER PERMANENT COMPONENTS OF THE EXIST. BUILDING TO REMAIN. CONTRACTOR SHALL BE RESPONSIBLE TO FIX, PATCH, REPAIR AND/OR REPLACE ANY & ALL EXISTING ITEMS WHICH ARE DAMAGED DURING CONSTRUCTION.
- GENERAL CONTRACTOR SHALL TAKE NECESSARY ACTIONS TO PROTECT ALL EXISTING FIRE SPRINKLER PIPING. DO NOT PLACE, POSITION, HANG, OR SUPPORT AGAINST EXISTING PIPING OR HEADS.
- REMOVE ALL EXISTING CONDITIONS AS INDICATED AND REQUIRED TO COMPLETE THE PROPOSED SCOPE OF NEW CONSTRUCTION.
- REMOVE ALL DEMOLITION MATERIALS FROM THE BUILDING AND OFF-SITE WITHOUT DAMAGE TO THE BUILDING OR ITS FINISHES.
- IMMEDIATELY FOLLOWING DEMOLITION OF EXISTING WALLS, FLOORS, AND CEILINGS, CONTRACTOR SHALL EVALUATE EXISTING CONDITIONS TO IDENTIFY ANY CONFLICTS WITH NEW LAYOUTS. CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY IF CONFLICTS ARE DISCOVERED.

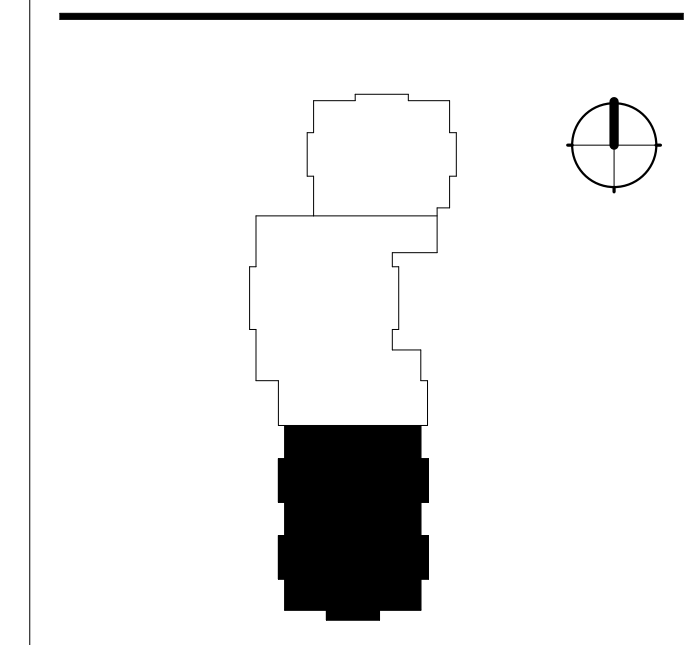
REFERENCE NOTES

- DIAGONAL HATCH REGIONS INDICATE AREA NOT IN SCOPE OF WORK. TYPICAL
- REMOVE AND DISPOSE OF EXISTING CARPET THROUGHOUT WHEATLEY INSTITUTE SPACE TO BE COMPLETED BY BYU UPHOLSTERY SHOP.
- EXISTING CARPET TO REMAIN; PROTECT FROM CONSTRUCTION ACTIVITIES
- REMOVAL, SALVAGING, AND STORAGE OF ALL FURNITURE WITHIN WHEATLEY INSTITUTE SPACE TO BE PROVIDED BY BYU.
- REMOVE AND DISPOSE OF WALL SYSTEM OR PORTION THEREOF. RELOCATE ANY ELECTRICAL AND TECHNOLOGY DEVICES ARE REQUIRED FOR NEW LAYOUT. REFER TO NEW FLOOR PLANS AND ELECTRICAL DRAWINGS.
- REMOVE AND DISPOSE OF EXISTING HM DOOR/WINDOW FRAME
- EXISTING HM DOOR TO REMAIN. PROTECT DURING CONSTRUCTION. RE: DOOR SCHEDULE FOR DOORS TO RECEIVE NEW HARDWARE.
- EXISTING UPPER AND LOWER CASEWORK AND MOLDING TO REMAIN, PROTECT DURING CONSTRUCTION
- (N.I.C.) REMOVE AND DISPOSE OF EXISTING SOLID SURFACE COUNTERTOP TO BE BY BYU CARPENTRY SHOP.
- DEMOLISH PORTION OF SLOPED GYP. BD. CEILING AS INDICATED BY CROSSHATCH PATTERN.
- DISCONNECT AND REMOVE RECESSED CAN LIGHT FIXTURE, RE: ELECTRICAL.
- EXISTING SLOPED GYP. BD CEILING (DORMER CONDITION) TO REMAIN. PROTECT AS REQD.
- NOT USED
- (N.I.C.) REMOVE AND SALVAGE WALL MOUNTED STANDARDS AND SHELVING BY BYU CARPENTRY SHOP.
- EXISTING FIRE EXTINGUISHER CABINET TO BE REMOVED AND RELOCATED IN NEW WALL AS INDICATED ON PLAN.
- CAREFULLY REMOVE EXISTING HM DOOR & FRAME FROM WALL. FLIP DOOR/FRAME 180 DEGREES SO THAT DOOR SWING IS IN THE DIRECTION OF EGRESS (SEE NEW FLOOR PLAN) AND RE-MOUNT DOOR.

LEGEND

- WALLS**
- EXISTING WALL - TO REMAIN
 - EXISTING WALL - DEMOLISH
 - NEW MTL STUD WALL, RE: WALL TYPE
- DOORS**
- EXISTING DOOR - TO REMAIN
 - EXISTING DOOR - DEMOLISH
 - NEW DOOR

KEY PLAN



HINKLEY CENTER - 3RD FLOOR

DEMOLITION FLOOR PLAN - 3RD FLOOR SOUTH
SCALE: 1/8" = 1'-0" **1**



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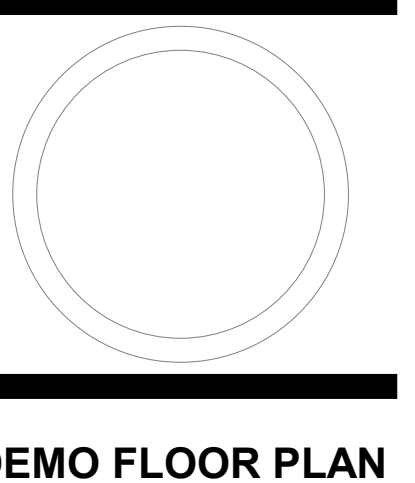
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CLIENT APPROVAL DATE

REVISIONS

ADDENDUM NO. 1	02.14.2025
ADDENDUM NO. 2	02.19.2025

BRIGHAM YOUNG UNIVERSITY
WHEATLEY INSTITUTE - 3RD FLOOR RENOVATION
ADVANCEMENT VP - ALUMNI
GORDON B. HINCKLEY ALUMNI AND VISITORS CENTER



DEMO FLOOR PLAN

WORK ORDER & SHEET NO.

M9243
A1.1



FACILITIES PLANNING
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 DESIGNER: J. PALMER
 DRAWN BY: EPE

ADA CHECK:
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 PLANNING DIR:

CLIENT APPROVAL DATE

REVISIONS

ADDENDUM NO. 2 02.19.2025

BRIGHAM YOUNG UNIVERSITY
 WHEATLEY INSTITUTE - 3RD FLOOR RENOVATION
 ADVANCEMENT VP - ALUMNI
 GORDON B. HINKLEY ALUMNI AND VISITORS CENTER

REFERENCE NOTES

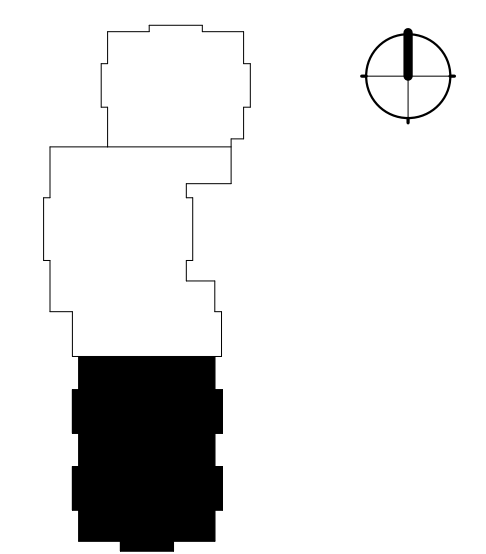
- 1 DIAGONAL HATCH REGIONS INDICATE AREA NOT IN SCOPE OF WORK. TYPICAL.
- 2 EXISTING SLOPED GYP. BD CEILING (DORMER CONDITION) TO REMAIN. PROTECT AS REQ'D.
- 3 EXISTING SLOPED GYP. BD CEILING (STANDARD CONDITION) TO REMAIN. PROTECT AS REQ'D.
- 4 EXISTING LINEAR PENDANT LIGHT FIXTURE TO REMAIN. RE: ELECTRICAL.
- 5 EXISTING RECESSED CAN LIGHT FIXTURE TO BE REMOVED AND REPLACED WITH NEW RECESSED LED FIXTURE. RE: ELECTRICAL PLANS.
- 6 EXISTING LINEAR DIFFUSER TO REMAIN. PROTECT AS REQUIRED. RE: MECHANICAL.
- 7 EXISTING LINEAR DIFFUSER TO BE REMOVED AND REPLACED WITH SHORTER LENGTH SLOT DIFFUSER THAT MATCHES EXISTING SLOT DIFFUSERS IN BUILDING. RE: MECHANICAL.
- 8 EXISTING LINEAR DIFFUSER TO REMAIN. PROTECT AS REQUIRED. RE: MECHANICAL.
- 9 EXISTING CONCEALED FIRE SPRINKLER TO REMAIN IN PLACE. PROTECT AS REQUIRED. RE: PLUMBING.
- 10 EXISTING CONCEALED FIRE SPRINKLER HEAD TO BE MODIFIED/RELOCATED PER NEW FLOOR PLAN LAYOUT. IN AREAS WHERE CEILING HEIGHT WAS LOWERED PIPE, SPRINKLER PIPING WILL NEED TO BE EXTENDED TO LOWER CEILING HEIGHT. RE: PLUMBING.
- 11 EXISTING LINEAR PENDANT LIGHT FIXTURE TO BE REMOVED AND SALVAGED. PREP FOR NEW SHORTER LENGTH LINEAR LIGHT FIXTURE TO BE INSTALLED IN SAME PLACE WHERE INDICATED ON NEW FLOOR PLAN. RE: ELECTRICAL.
- 12 EXIT SIGNS, WAP, SMOKE DETECTORS, AND OTHER CEILING MOUNTED DEVICES ARE TO BE TEMPORARILY REMOVED AND REINSTALLED IN NEW LOCATIONS AS INDICATED PER DRAWINGS.
- 13 EXISTING GYP. BOARD CEILING SOFFIT TO REMAIN. PATCH, REPAIR, AND PAINT ANY AREA THAT RECEIVE DAMAGE AS A RESULT OF CONSTRUCTION ACTIVITIES.
- 14 PORTION OF EXISTING GYP. BD. SOFFIT TO BE REMOVED AS INDICATED ON REFLECTED CEILING PLANS.

LEGEND

CEILINGS

- SLOPED GYP CEILING - DEMOLISH
- EXISTING CEILING - TO REMAIN
- EXISTING CEILING - DEMOLISH
- NEW CEILING
- PENDANT LIGHT FIXTURE - EXISTING TO REMAIN
- PENDANT LIGHT FIXTURE - REMOVE AND SALVAGE
- PENDANT LIGHT FIXTURE - REINSTALLED
- LAY-IN LIGHT FIXTURE (SIZE VARIES) - DEMOLISH
- LAY-IN LIGHT FIXTURE (SIZE VARIES)
- MECHANICAL DIFFUSER/GRILLE
- LINEAR SLOT DIFFUSER - EXISTING
- LINEAR SLOT DIFFUSER - DEMOLISHED
- CONCEALED FIRE SPRINKLER HEAD
- EXIT SIGNAGE
- WIRELESS ACCESS POINT

KEY PLAN

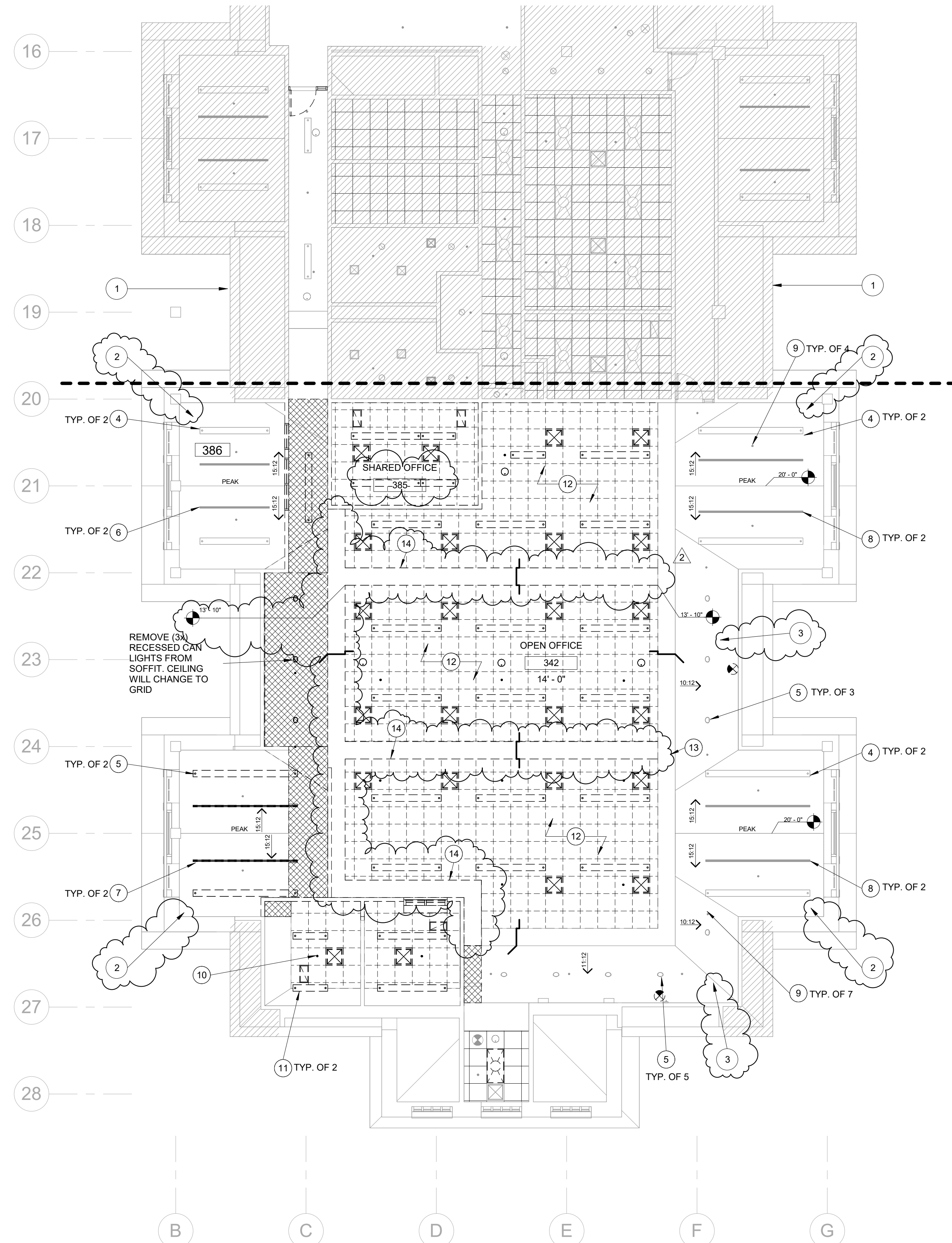


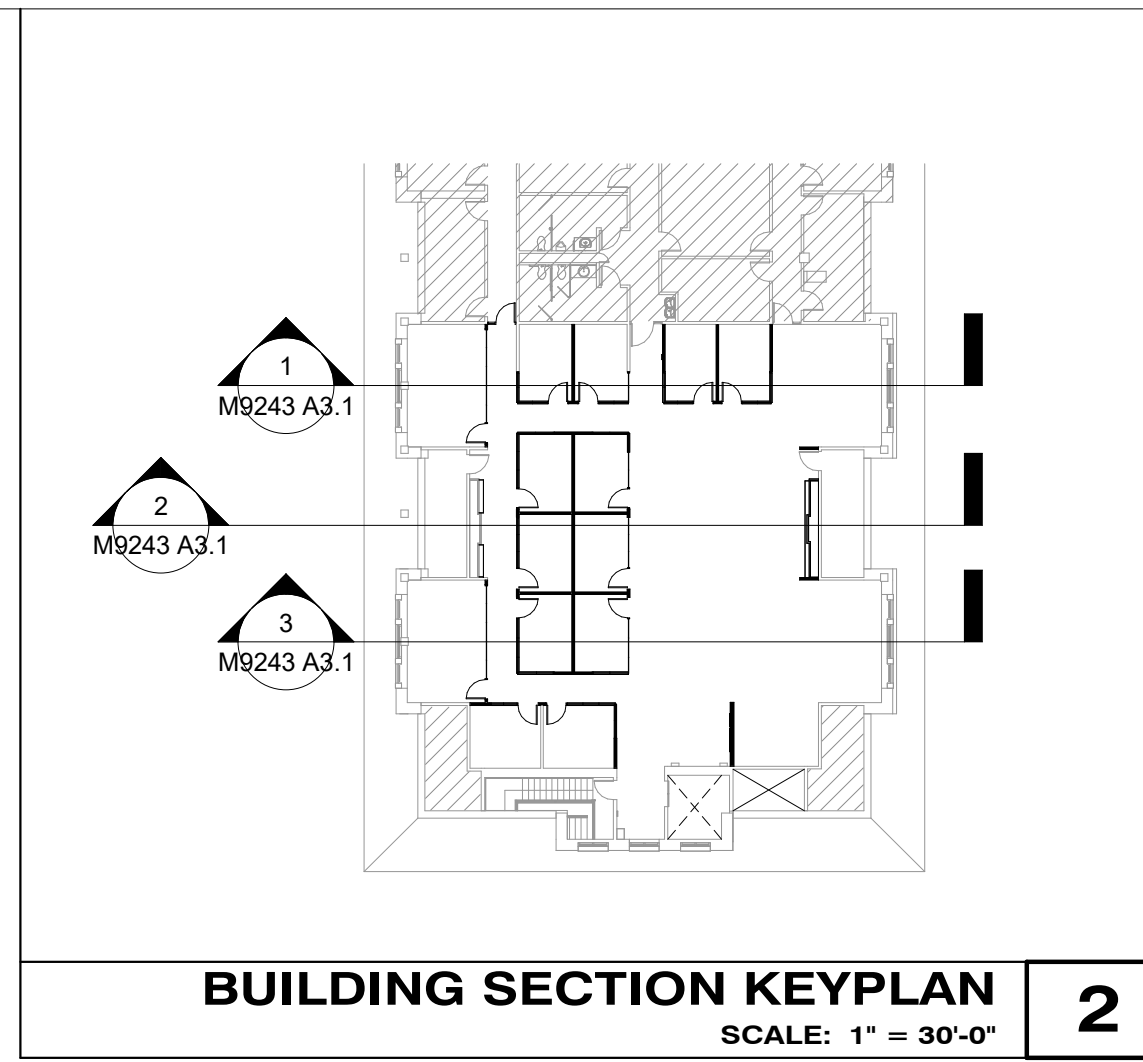
DEMO CEILING PLAN

WORK ORDER & SHEET NO.

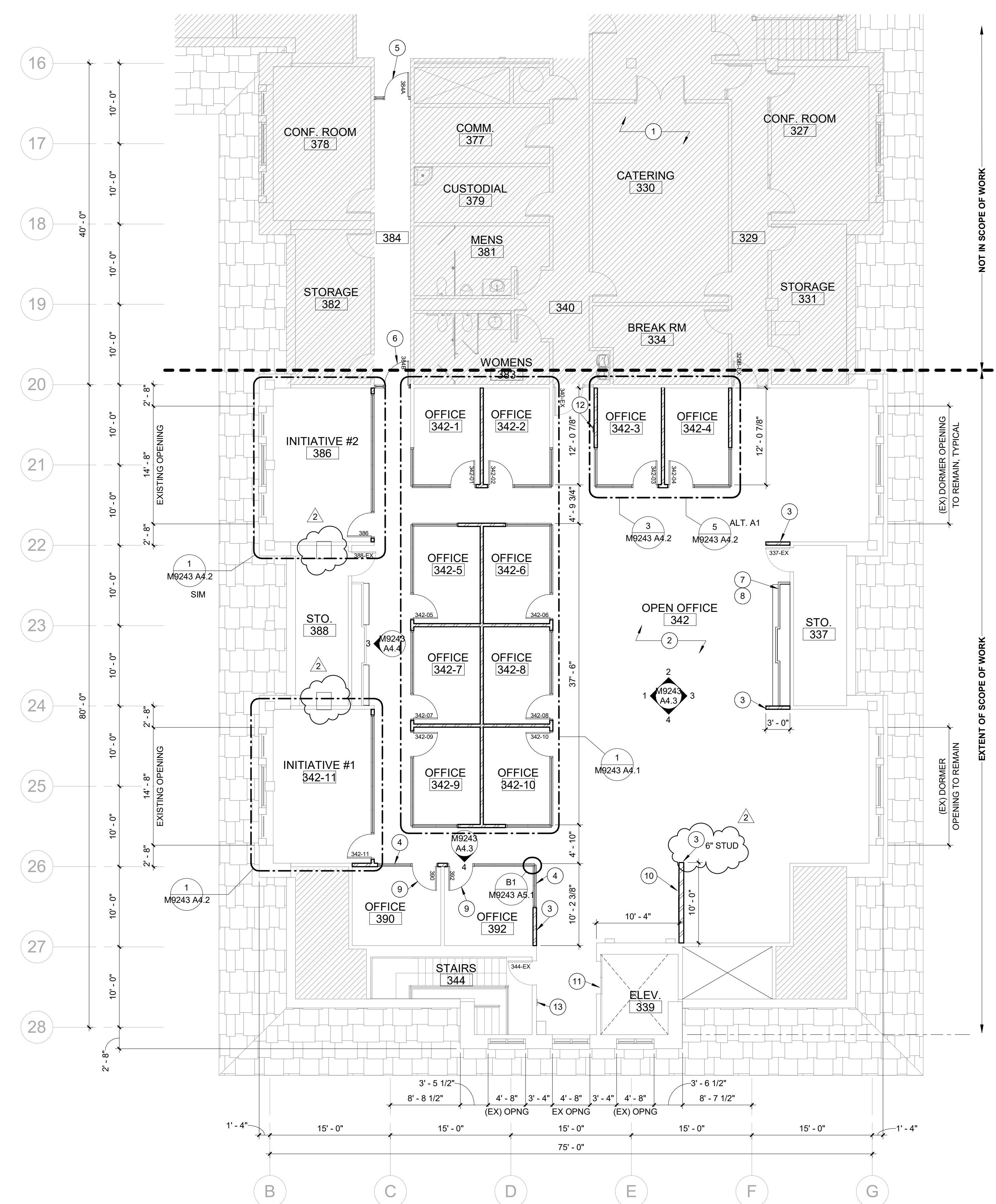
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A1.2

HINKLEY CENTER - 3RD FLOOR





BUILDING SECTION KEYPLAN
SCALE: 1" = 30'-0" **2**



NOT IN SCOPE OF WORK

EXTENT OF SCOPE OF WORK

NOTE:
BYU TO EVALUATE ANY EXISTING FLOOR PENETRATIONS WITHIN SCOPE OF WORK AND COORDINATE WITH CONTRACTOR ON ANY PENETRATIONS THAT WILL NO LONGER BE USED AND WILL REQUIRE TO BE GROUTED AND FILLED.
CONTRACTOR TO VERIFY WITH BYU PRIOR TO ANY NEW PENETRATIONS THROUGH FLOOR.

GENERAL NOTES

- REFER TO RESPONSIBILITY MATRIX FOR A BREAKDOWN ON SCOPE OF WORK. GENERAL CONTRACTOR SHALL COORDINATE WITH OWNER FOR ALL ITEMS OUTSIDE THEIR SCOPE.
- ALL DIMENSIONS SHOWN ON DRAWINGS FOR NEW WALLS ARE TO FACE OF STUD. FOR EXISTING WALLS, DIMENSIONS ARE TO FACE OF WALL SURFACE.
- WALL SURFACES SHOWN ON DRAWINGS THAT APPEAR TO BE FLUSH WITH AN EXISTING WALL ARE INDEED FLUSH. GENERAL CONTRACTOR TO COORDINATE INSTALLATION OF FRAMING SO THAT FINISH WALL SURFACE REMAINS FLUSH.
- AT WALL TRANSITIONS FROM EXISTING TO NEW, PATCH AND/OR REPLACE GYP. BOARD AS REQUIRED TO PROVIDE A FLUSH AND SEAMLESS TRANSITION BETWEEN WALL SURFACES.
- WHERE LOWER PORTIONS OF THE ROOF STRUCTURE EXIST, EXTEND NEW WALLS UP AND ATTACH TO STRUCTURE. WHERE IT IS NOT FEASIBLE TO EXTEND WALLS UP DUE TO ROOF STRUCTURE HEIGHT THE GENERAL CONTRACTOR SHALL PROVIDE DIAGONAL BRACING BACK TO STRUCTURE AS REQUIRED.
- ROOM ID SIGNAGE TO BE PROVIDED AND INSTALLED BY BYU.
- GENERAL CONTRACTOR TO PROVIDE IN WALL BLOCKING FOR ALL WALL MOUNTED EQUIPMENT (CABINETS, ACCESSORIES, HARDWARE, ETC.). WOOD BLOCKING OR 16 GA. METAL STRAPPING (SECURED TO 3 STUDS MINIMUM) IS ACCEPTABLE.
- GENERAL CONTRACTOR TO PROVIDE FIRESTOPPING/CAULKING AT ALL NEW PENETRATIONS THROUGH EXISTING WALLS AND FLOORS. PENETRATIONS THROUGH NEW WALLS SHOULD BE SEALED/CAULKED AS REQUIRED.

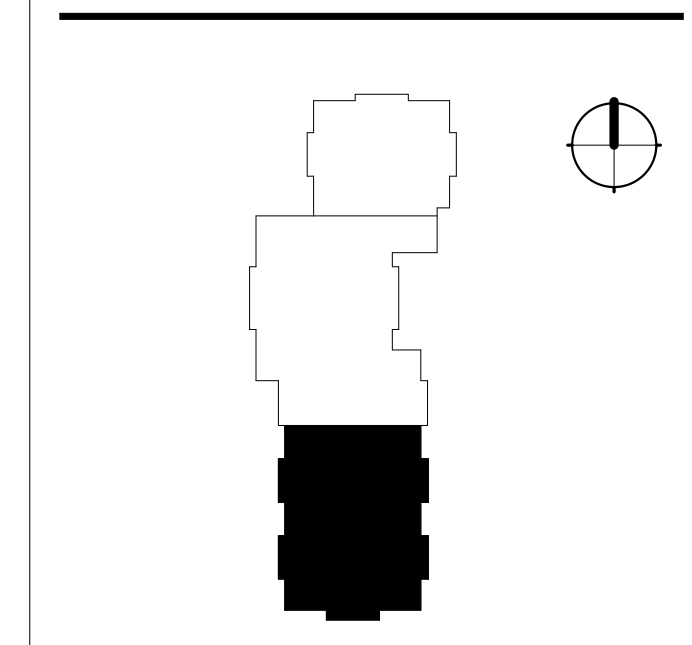
REFERENCE NOTES

- DIAGONAL HATCH REGIONS INDICATE AREA NOT IN SCOPE OF WORK. TYPICAL.
- GENERAL CONTRACTOR TO PREP FLOOR FOR NEW FLOORING INSTALLATION. BYU TO PROVIDE AND INSTALL NEW HC BUILDING STANDARD CARPET TILES THROUGHOUT SPACE. RE: RESPONSIBILITY MATRIX.
- NEW MTL STUD FRAMED WALL (RE WALL TYPE ASSEMBLY). EXTEND AND SECURE WALL UP TO 12" ABOVE HIGHEST CEILING.
- NEW ALUMINUM FRAMED STOREFRONT SYSTEM WITH BUTT GLAZED GLASS PANELS. RE: STOREFRONT ELEVATIONS AND SPECS.
- REMOVE AND REINSTALL DOOR WITH DOOR SWING IN OPPOSITE DIRECTION SO THAT DOOR SWINGS OUT INTO OPEN EVENT SPACE.
- NEW 3'-0" X 7'-0" HM DOOR & FRAME WITH SIDELITE. RE: DOOR SCHEDULE AND FRAME ELEVATIONS.
- N.I.C. - NEW UPPER AND LOWER CABINETRY TO BE FURNISHED AND INSTALLED BY OWNER. RE: INTERIOR ELEVATIONS.
- N.I.C. - NEW SOLID SURFACE COUNTERTOP TO BE FURNISHED AND INSTALLED BY OWNER. RE: FINISH SCHEDULE. COORDINATE ABOVE COUNTER ELECTRICAL RECEPTACLES.
- NEW FLUSH WOOD DOOR PROVIDED. RE: DOOR SCHEDULE AND DOOR PANEL ELEVATIONS.
- N.I.C. - ACRYLIC DIMENSIONAL SIGNAGE CHARACTERS BY BYU SIGN SHOP.
- CONTRACTOR TO PROVIDE PROTECTION OF ALL SURFACES WITHIN ELEVATOR CAR AND ELEVATOR ENTRANCES.
- ELEVATED FIRE EXTINGUISHER CABINET. RE: DOOR SCHEDULE AND DOOR PANEL ELEVATIONS.
- EXISTING FIRE EXTINGUISHER CABINET TO REMAIN. PROTECT AS REQUIRED.

LEGEND

- WALLS**
- EXISTING WALL - TO REMAIN
 - EXISTING WALL - DEMOLISH
 - NEW MTL STUD WALL, RE: WALL TYPE
- DOORS**
- EXISTING DOOR - TO REMAIN
 - EXISTING DOOR - DEMOLISH
 - NEW DOOR

KEY PLAN



HINKLEY CENTER - 3RD FLOOR



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ADA CHECK:
CODE CHECK:
STRUCTURAL:
UTILITIES DIR:
PLANNING DIR:

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APPENDUM NO. 1 02.14.2025

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GORDON B. HINKLEY ALUMNI AND VISITORS CENTER

NEW FLOOR PLAN

WORK ORDER & SHEET NO.

M9243 A1.3

NEW FLOOR PLAN - 3RD FLOOR SOUTH
SCALE: 1/8" = 1'-0" **1**

REFERENCE NOTES

- GENERAL CONTRACTOR TO PREP FLOOR FOR NEW FLOORING INSTALLATION. BYU TO PROVIDE AND INSTALL NEW HC BUILDING STANDARD CARPET TILES THROUGHOUT SPACE. RE: RESPONSIBILITY MATRIX.
- NEW MTL STUD FRAMED WALL (RE WALL TYPE ASSEMBLY). EXTEND AND SECURE WALL UP TO 12" ABOVE HIGHEST CEILING.
- NEW ALUMINUM FRAMED STOREFRONT SYSTEM WITH BUTT GLAZED GLASS PANELS. RE: STOREFRONT ELEVATIONS AND SPECS.
- NEW FLUSH WOOD DOOR PROVIDED. RE: DOOR SCHEDULE AND DOOR PANEL ELEVATIONS.
- PROVIDE ELECTRICAL POWER AND DEVICES AS INDICATED ON ELECTRICAL PLANS.
- EXISTING SLOPED GYP. BD CEILING (DORMER CONDITION) TO REMAIN. PROTECT AS REQ'D. SOUTH DORMER ONLY.
- EXISTING LINEAR PENDANT LIGHT FIXTURE TO REMAIN. RE: ELECTRICAL.
- NEW - SHORTER LENGTH - LINEAR PENDANT LIGHT FIXTURE TO BE INSTALLED IN SAME LOCATION AS EXISTING. RE: ELECTRICAL. SOUTH DORMER ONLY.
- EXISTING LINEAR DIFFUSER TO REMAIN. PROTECT AS REQUIRED. RE: MECHANICAL.
- NEW - SHORTER LENGTH - LINEAR SLOT DIFFUSER TO BE INSTALLED IN SAME LOCATION AS EXISTING. RE: MECHANICAL. SOUTH DORMER ONLY.
- EXISTING CONCEALED FIRE SPRINKLER TO REMAIN IN PLACE. PROTECT AS REQUIRED. RE: PLUMBING.
- NEW 2' X 2' CEILING AND GRID SYSTEM; MODIFY ELECTRICAL AND MECHANICAL DEVICES AND EQUIPMENT AS INDICATED ON PLANS.
- PROVIDE NEW ELECTRICAL LED FLAT PANEL LIGHT FIXTURES. RE: ELECTRICAL.
- NEW DIFFUSER/GRILLE. RE: MECHANICAL.
- EXISTING CONCEALED FIRE SPRINKLER HEAD TO BE MODIFIED/RELOCATED PER NEW FLOOR PLAN LAYOUT. IN AREAS WHERE CEILING HEIGHT WAS LOWERED PIPE, SPRINKLER PIPING WILL NEED TO BE EXTENDED TO LOWER CEILING HEIGHT. RE: PLUMBING.
- WALL MOUNTED RETURN AIR GRILLE. KEEP AS LOW AS POSSIBLE. RE: MECHANICAL.
- FIRE/SMOKE DAMPER & DUCT. RE: MECHANICAL.



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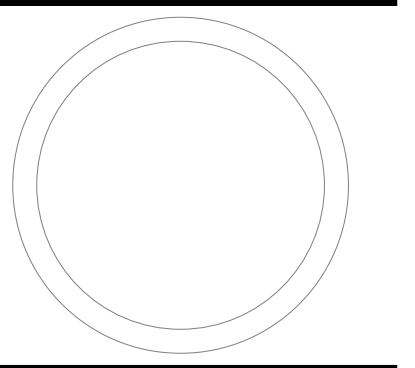
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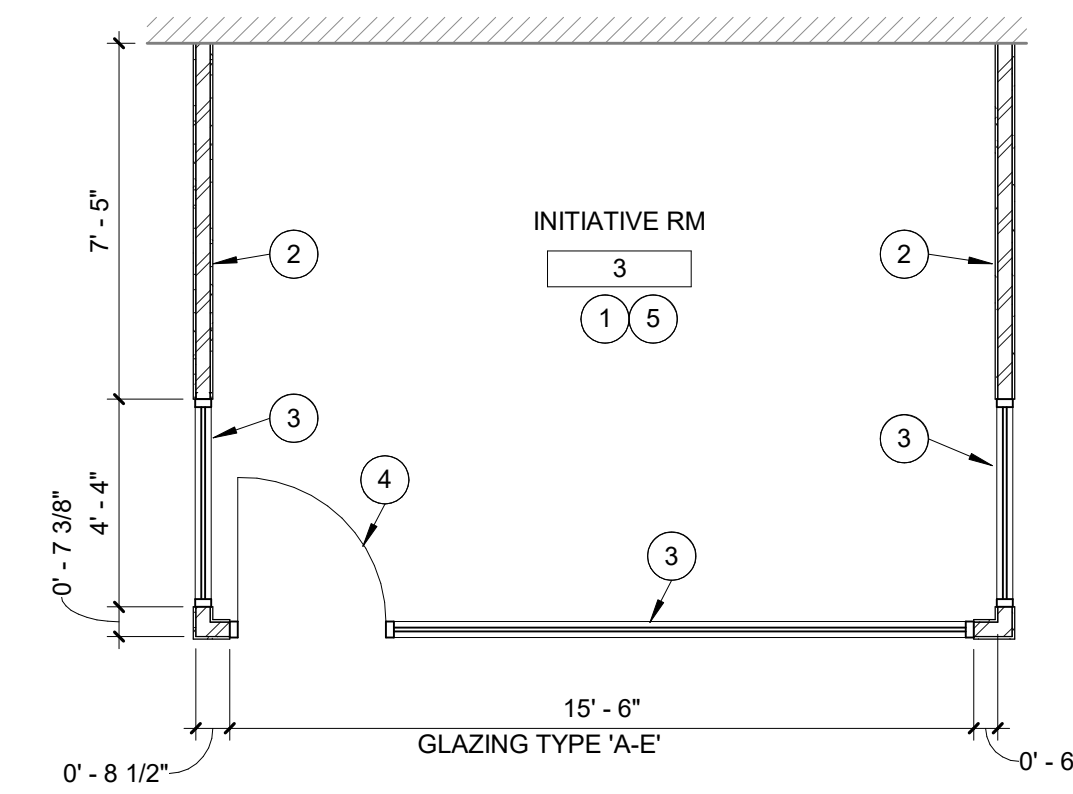
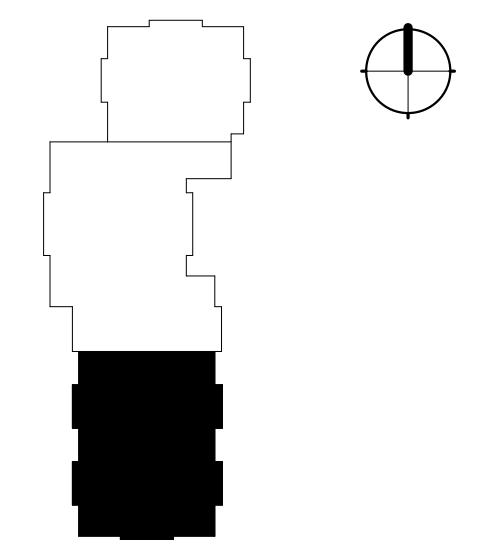
ENLARGED FLOOR PLANS & ELEVATIONS

WORK ORDER & SHEET NO.

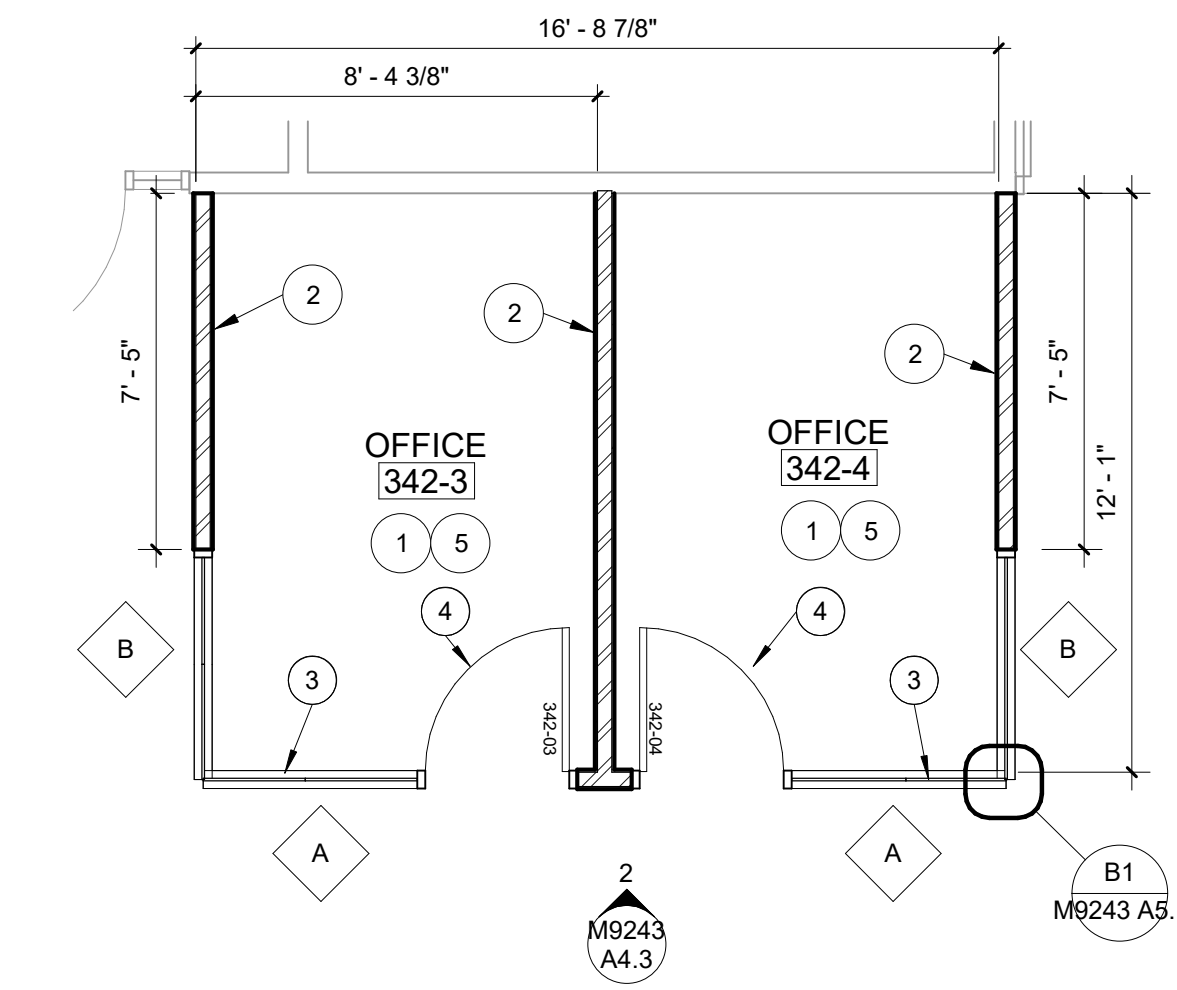
**M9243
A4.2**

HINCKLEY CENTER - 3RD FLOOR

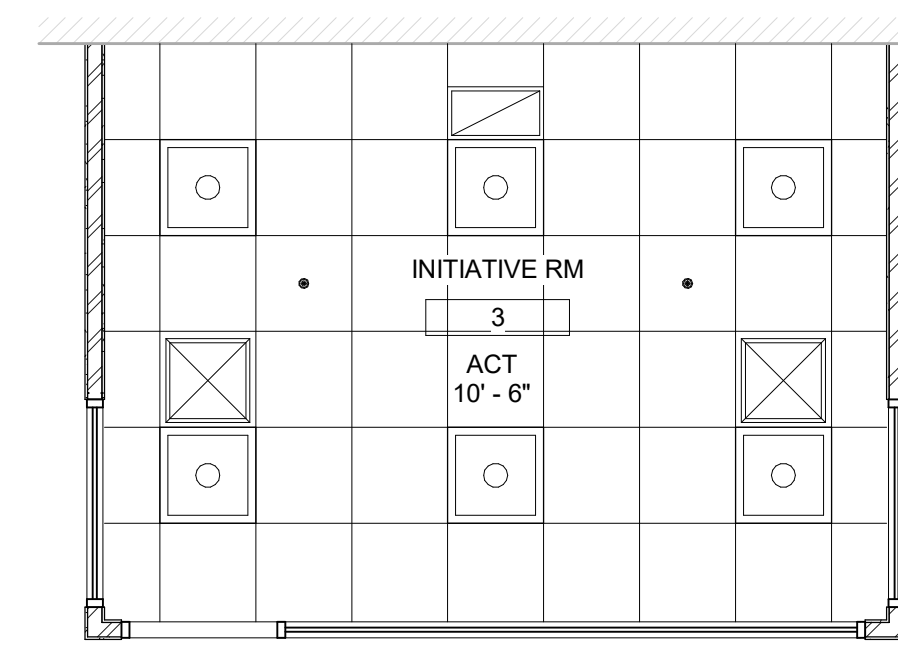
KEY PLAN



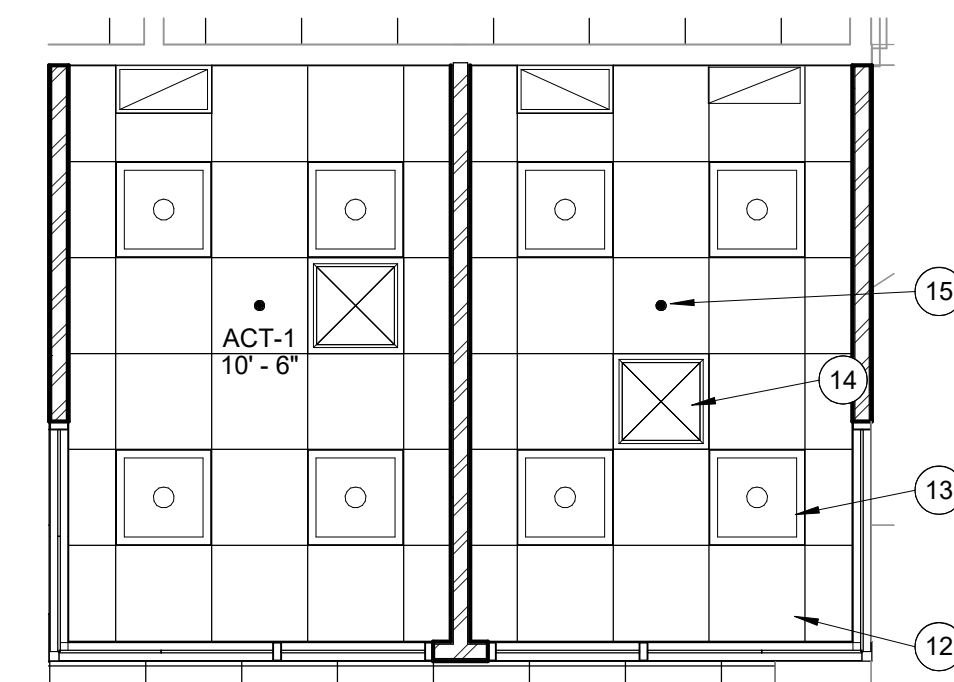
ENLARGED PLAN ALTERNATE NO. A1 SCALE: 1/4" = 1'-0" **5**



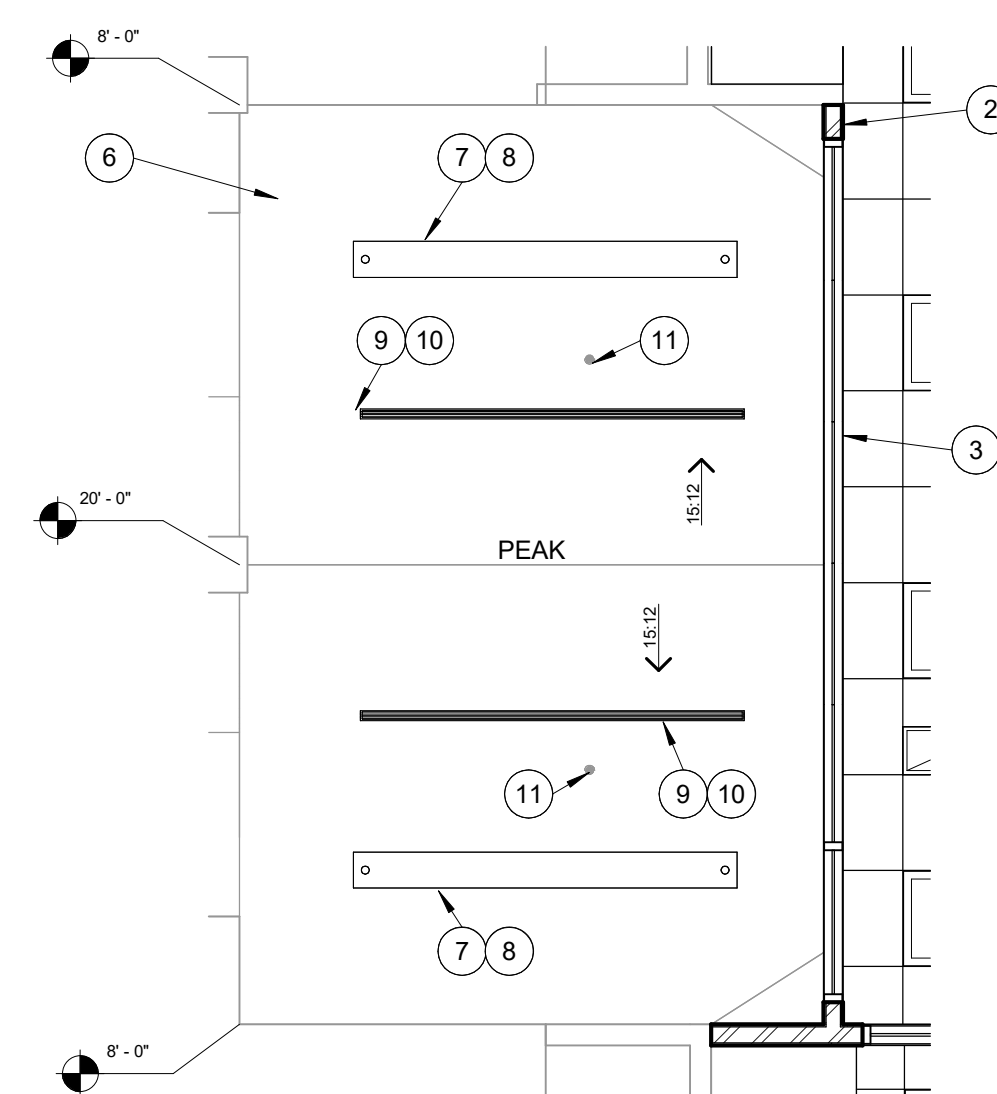
ENLARGED PLAN - OFFICES (BASE BID) SCALE: 1/4" = 1'-0" **3**



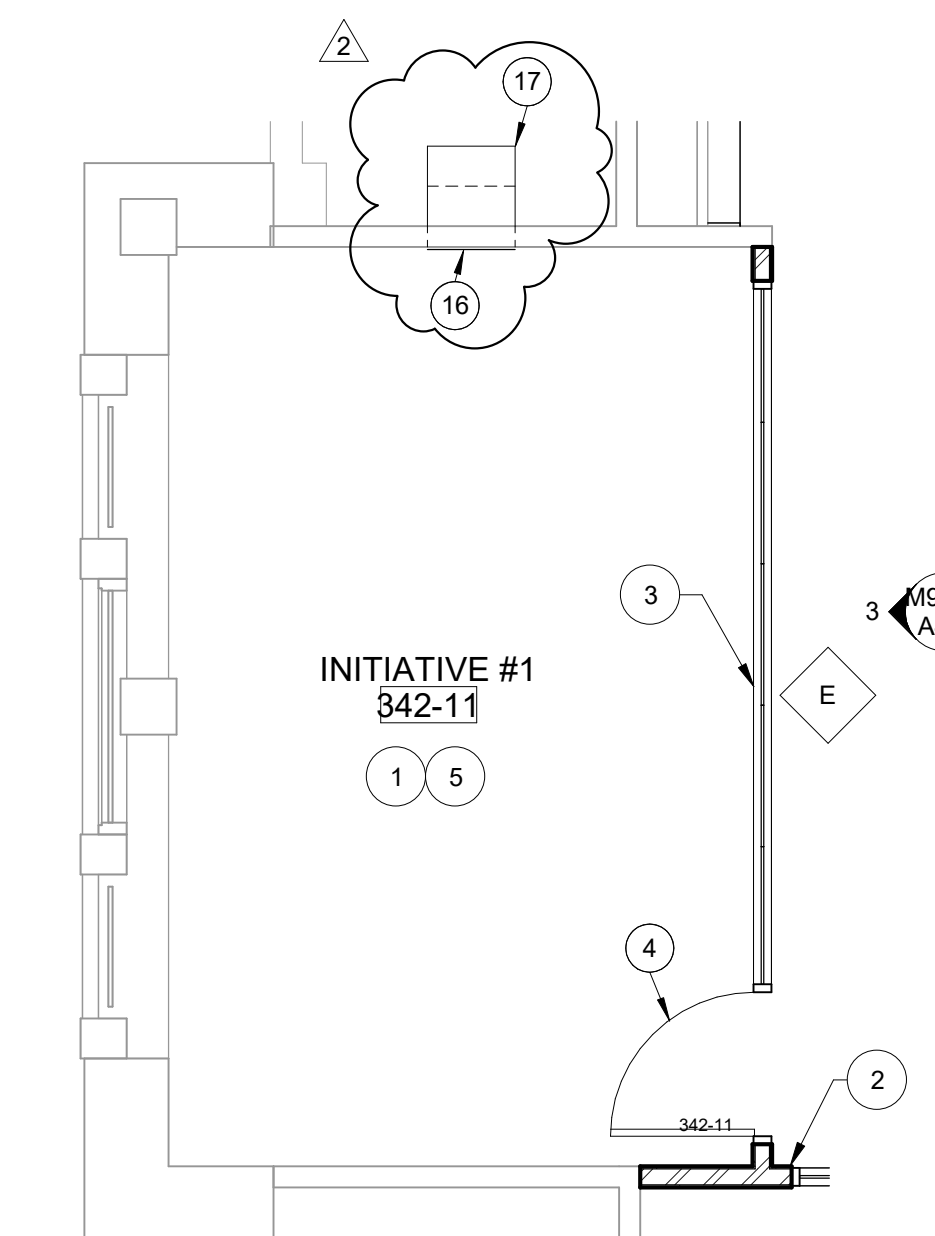
ENLARGED RCP - ALTERNATE NO. A1 SCALE: 1/4" = 1'-0" **6**



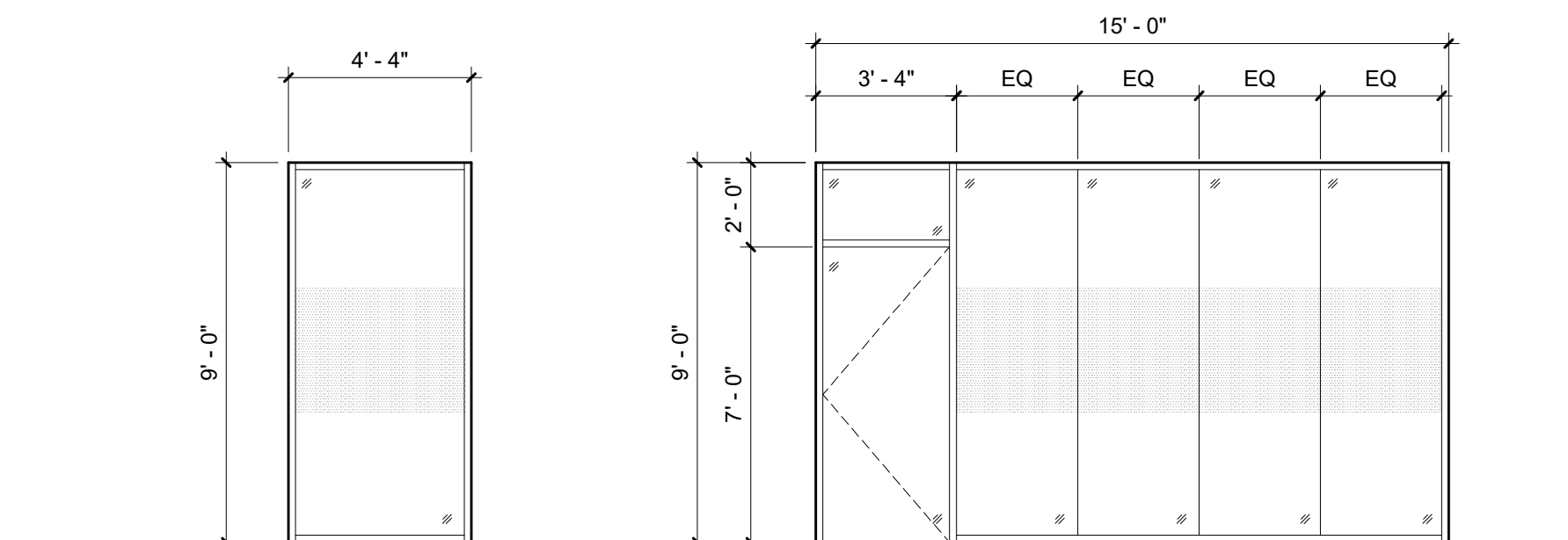
ENLARGED CEILING PLAN - INITIATIVE RM #3 SCALE: 1/4" = 1'-0" **4**



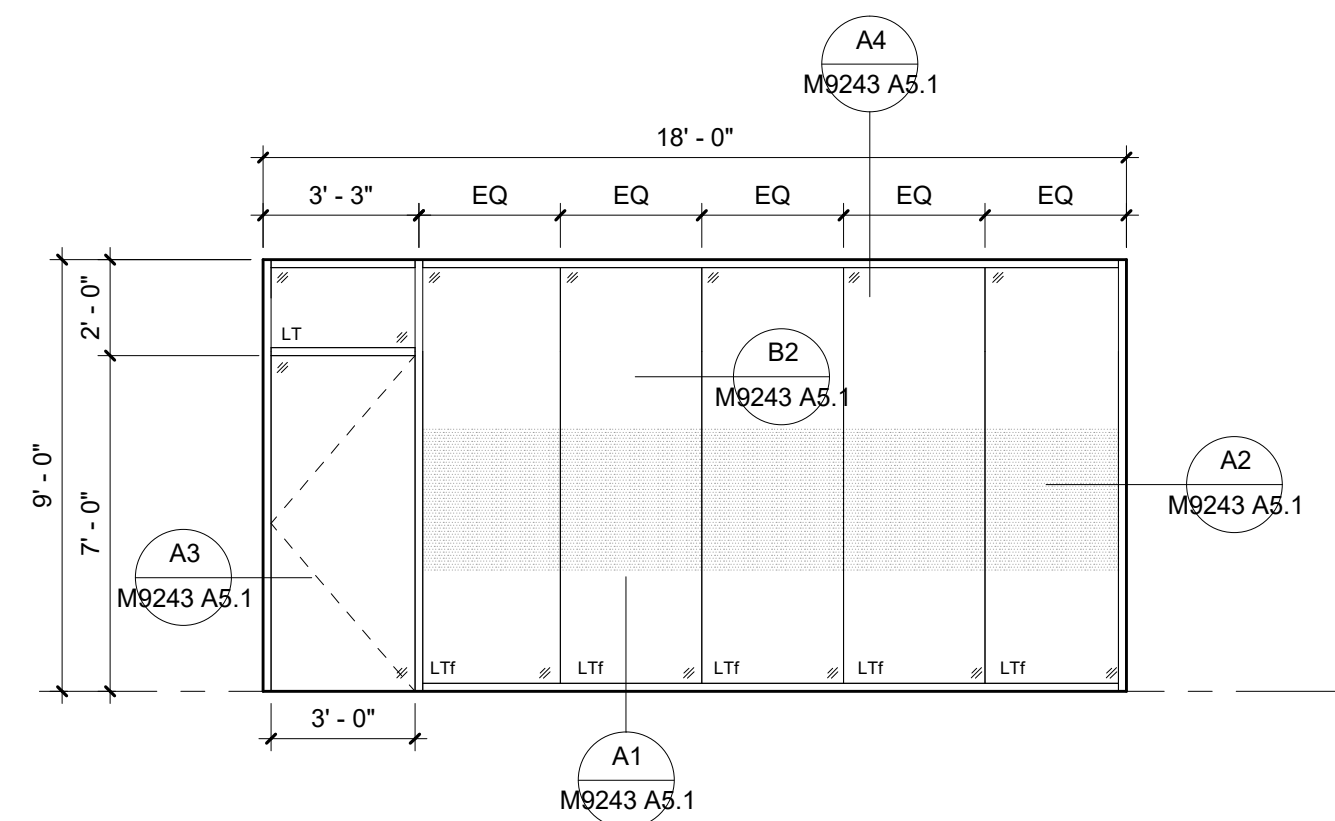
ENLARGED CEILING PLAN - INITIATIVE RM #1 SCALE: 1/4" = 1'-0" **2**



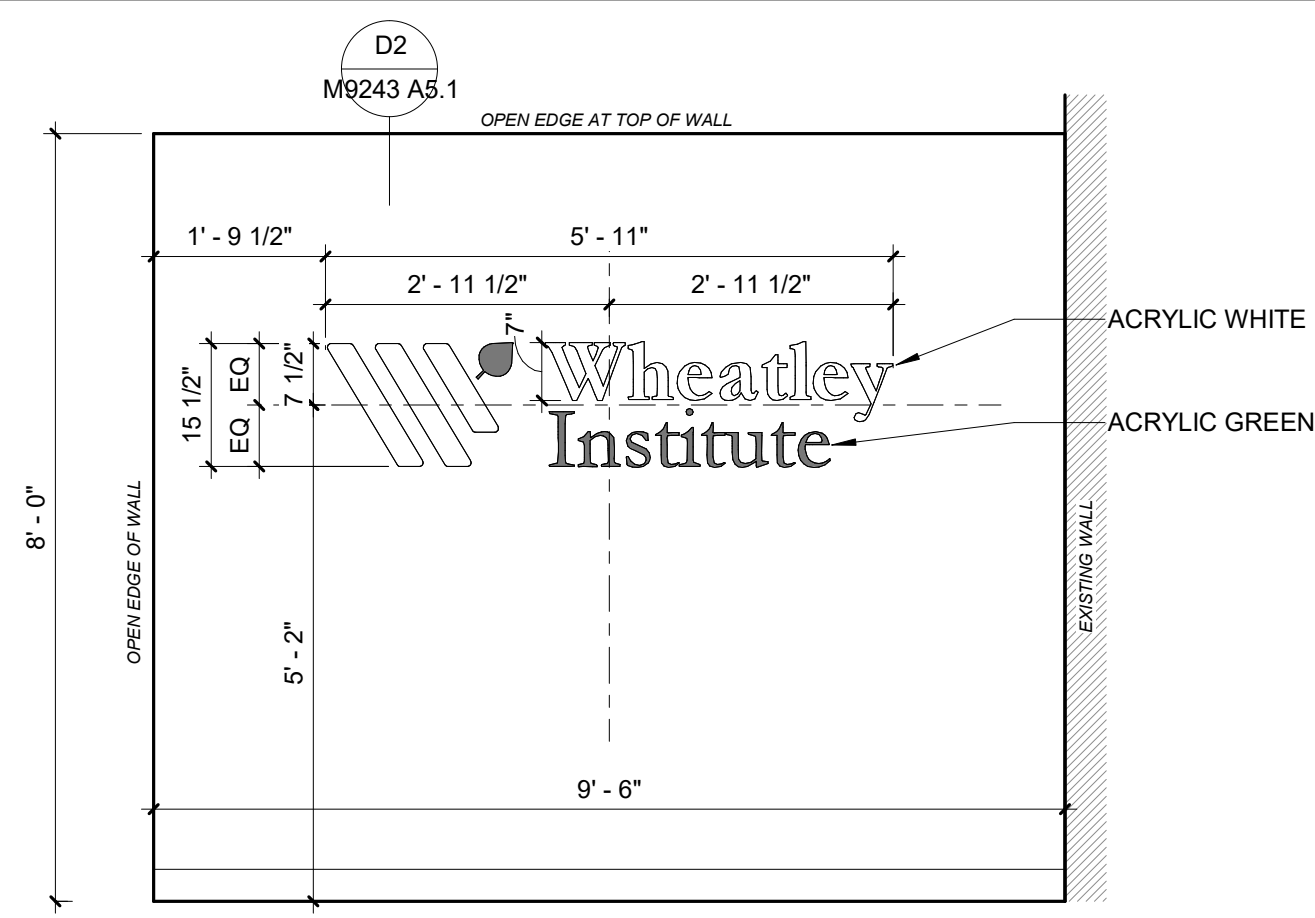
ENLARGED PLAN - INITIATIVE RM #1 SCALE: 1/4" = 1'-0" **1**



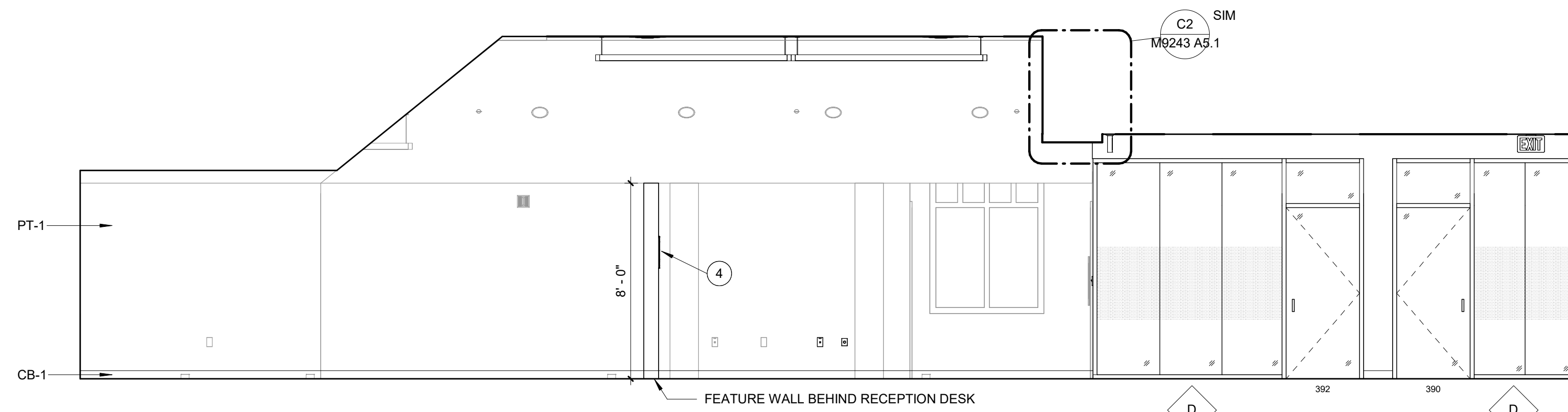
ALTERNATE - GLASS TYPE A-E



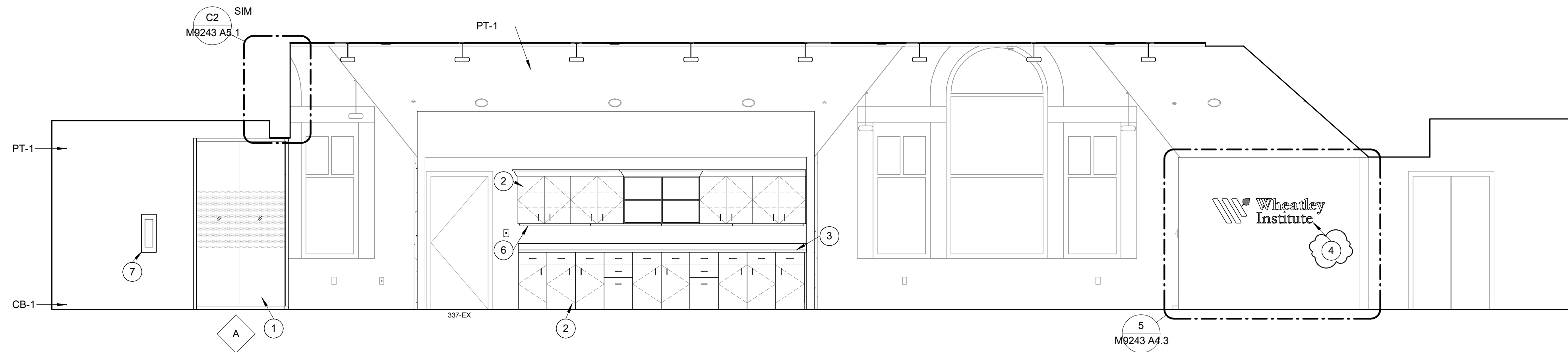
GLASS TYPE E



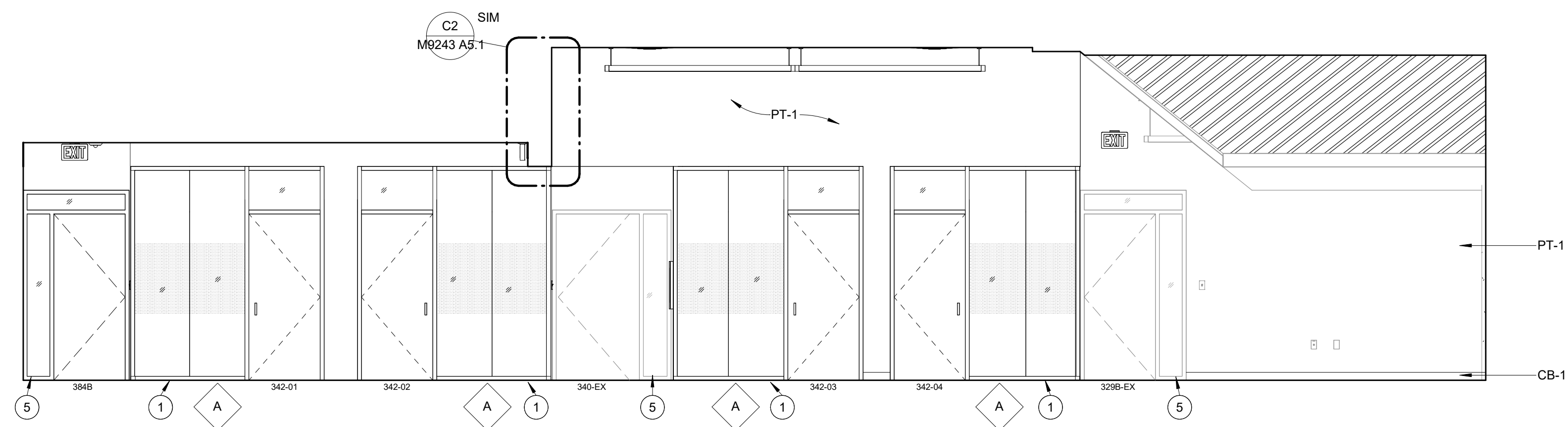
ELEVATION - RECEPTION FEATURE WALL
SCALE: 1/2" = 1'-0" **5**



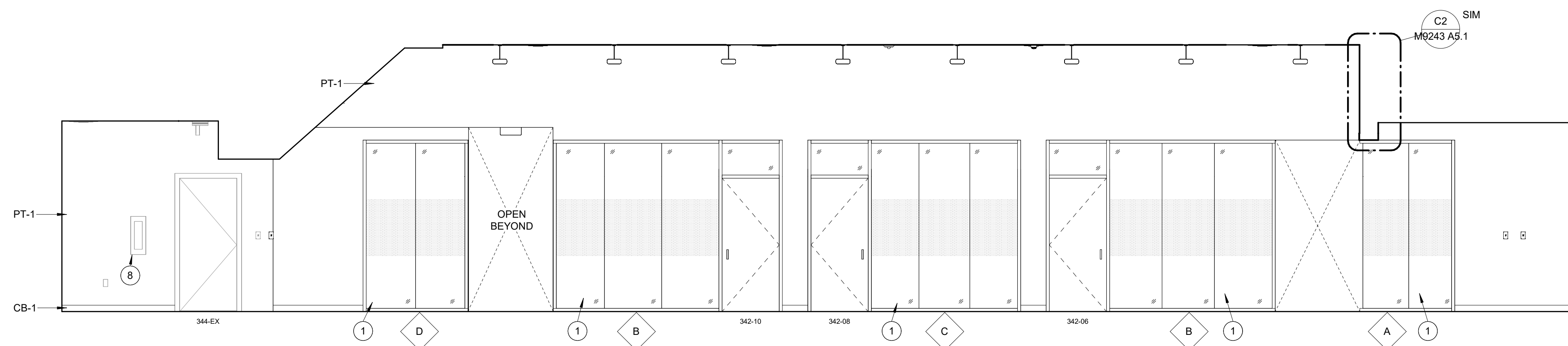
SOUTH ELEVATION (RM 342)
SCALE: 1/4" = 1'-0" **4**



WEST ELEVATION (RM 342)
SCALE: 1/4" = 1'-0" **3**



NORTH ELEVATION (RM 342)
SCALE: 1/4" = 1'-0" **2**



EAST ELEVATION (RM 342)
SCALE: 1/4" = 1'-0" **1**

REFERENCE NOTES

- 1 ALUMINUM FRAMED STOREFRONT SYSTEM, RE: SPECS.
- 2 N.I.C. - NEW UPPER AND LOWER CABINETS TO BE FURNISHED AND INSTALLED BY OWNER, RE: INTERIOR ELEVATIONS.
- 3 N.I.C. - NEW SOLID SURFACE COUNTERTOP TO BE FURNISHED AND INSTALLED BY OWNER, RE: FINISH SCHEDULE, COORDINATE ABOVE COUNTER ELECTRICAL RECEPTACLES.
- 4 N.I.C. - ACRYLIC DIMENSIONAL SIGNAGE CHARACTERS BY BYU SIGN SHOP.
- 5 HM DOOR FRAME, RE: DOOR SCHEDULE.
- 6 UNDER CABINET LIGHT FIXTURE, COORDINATE INSTALLATION WITH INSTALLATION OF OWNER PROVIDED CABINETS, RE: ELECTRICAL.
- 7 RELOCATED FIRE EXTINGUISHER CABINET.
- 8 EXISTING FIRE EXTINGUISHER CABINET TO REMAIN, PROTECT AS REQUIRED.



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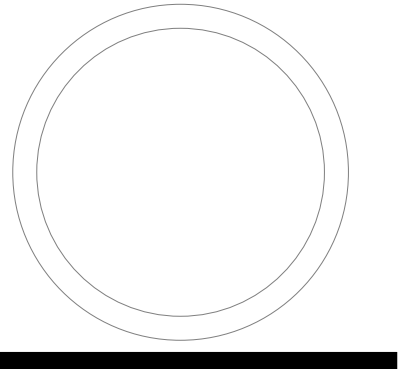
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ADDENDUM NO. 1 02.14.2025
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INTERIOR ELEVATIONS

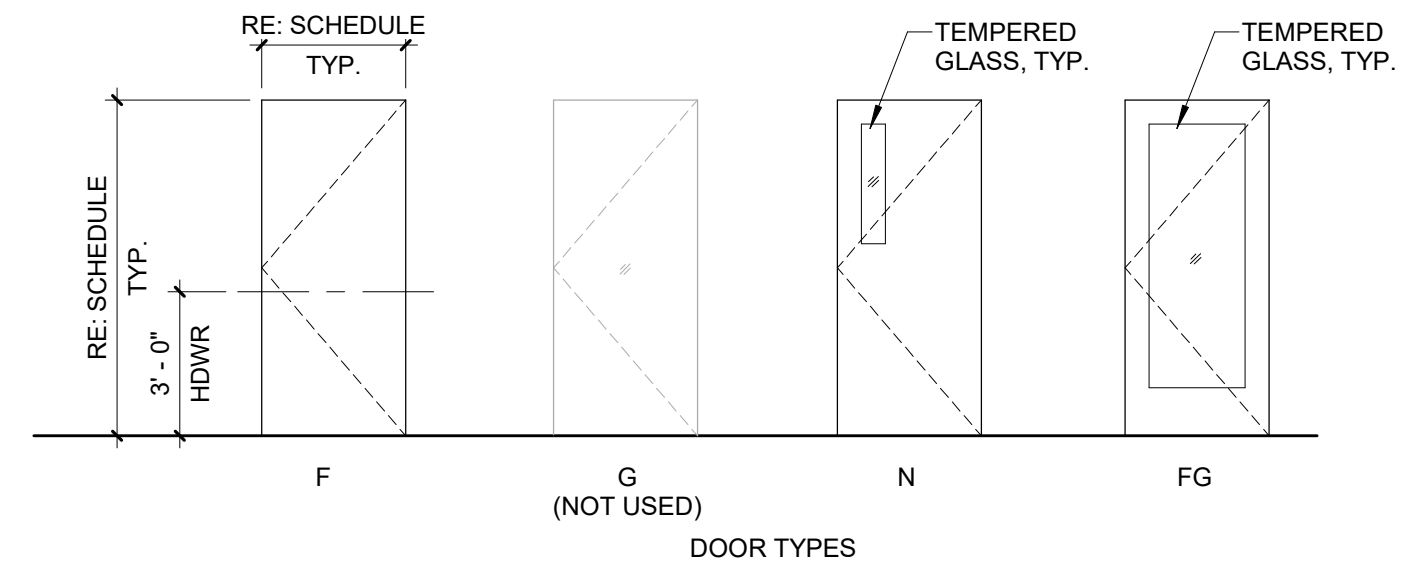
WORK ORDER & SHEET NO.

**M9243
A4.3**

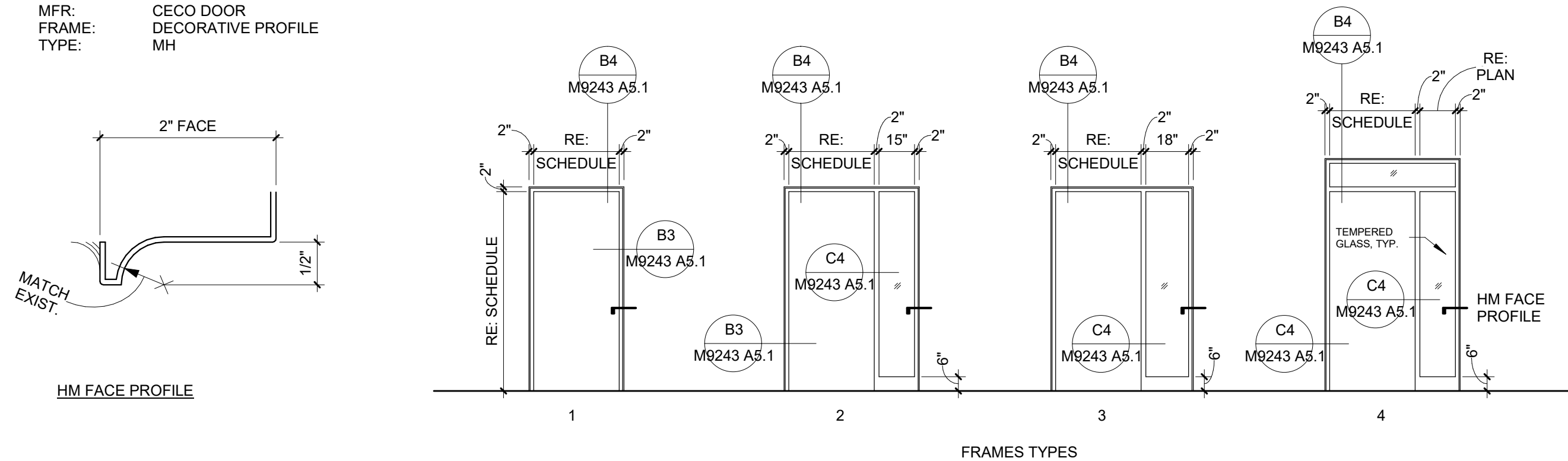
M9243 DOOR SCHEDULE													
MARK	DOOR			FRAME			HEAD DTL	JAMB DTL	HDWR FUNCTION	SET #	Comments		
	W	HT	T	MATL	EL	MATL						EL	
329B-EX	3'-0"	7'-0"	1 3/4"	WD	FG	HM	4	-	-	EXIST.	03	EXISTING DOOR, NEW HARDWARE - PROTECT FROM DAMAGE	
337-EX	3'-0"	7'-0"	1 3/4"	WD	F	HM	1	-	-	EXIST.	EX1	EXISTING DOOR, NIC - PROTECT FROM DAMAGE	
340-EX	3'-6"	7'-0"	1 3/4"	WD	FG	HM	3	-	-	EXIST.	EX1	EXISTING DOOR, NIC - PROTECT FROM DAMAGE	
342-01	3'-0"	7'-0"	1 3/4"	WD	F	AL	A	C3/A1.9	A3/A1.9	OFFICE	01		
342-02	3'-0"	7'-0"	1 3/4"	WD	F	AL	A	C3/A1.9	A3/A1.9	OFFICE	01		
342-03	3'-0"	7'-0"	1 3/4"	WD	F	AL	A	C3/A1.9	A3/A1.9	OFFICE	01		
342-04	3'-0"	7'-0"	1 3/4"	WD	F	AL	A	C3/A1.9	A3/A1.9	OFFICE	01		
342-05	3'-0"	7'-0"	1 3/4"	WD	F	AL	B	C3/A1.9	A3/A1.9	OFFICE	01		
342-06	3'-0"	7'-0"	1 3/4"	WD	F	AL	B	C3/A1.9	A3/A1.9	OFFICE	01		
342-07	3'-0"	7'-0"	1 3/4"	WD	F	AL	C	C3/A1.9	A3/A1.9	OFFICE	01		
342-08	3'-0"	7'-0"	1 3/4"	WD	F	AL	C	C3/A1.9	A3/A1.9	OFFICE	01		
342-09	3'-0"	7'-0"	1 3/4"	WD	F	AL	B	C3/A1.9	A3/A1.9	OFFICE	01		
342-10	3'-0"	7'-0"	1 3/4"	WD	F	AL	B	C3/A1.9	A3/A1.9	OFFICE	01		
342-11	3'-0"	7'-0"	1 3/4"	WD	FG	AL	E	C3/A1.9	A3/A1.9	OFFICE	01		
344-EX	3'-0"	7'-0"	1 3/4"	WD	F	HM	1	-	-	EXIST.	EX1	EXISTING DOOR, NIC - PROTECT FROM DAMAGE	
384A	3'-0"	7'-0"	1 3/4"	WD	FG	HM	4	B4/A5.1	B3/A5.1	PASSAGE	02	REUSE EXISTING DOOR FRAME, NEW DOOR SLAB & HARDWARE - PROTECT FROM DAMAGE	
384B	3'-0"	7'-0"	1 3/4"	WD	FG	HM	4	B4/A5.1	B3/A5.1	PASSAGE	02		
386	3'-0"	7'-0"	1 3/4"	WD	FG	AL	E	C3/A1.9	A3/A1.9	OFFICE	01		
388-EX	3'-0"	7'-0"	1 3/4"	WD	F	HM	1	-	-	EXIST.	EX1	EXISTING DOOR, NIC - PROTECT FROM DAMAGE	
390	3'-0"	7'-0"	1 3/4"	WD	F	AL	D	C3/A1.9	A3/A1.9	OFFICE	01		
392	3'-0"	7'-0"	1 3/4"	WD	F	AL	D	C3/A1.9	A3/A1.9	OFFICE	01		

DOOR MATERIALS & TYPES

- AL ALUMINUM FRAMED STOREFRONT
- GL GLASS (TEMPERED)
- HM HOLLOW METAL
- WD WOOD - MATCH BUILDING STANDARD
- F FLUSH
- N NARROW LITE (TEMPERED GLASS)
- FG FULL GLAZED



NOTE:
EXISTING HM DOOR FRAME
MFR: CECO DOOR
FRAME: DECORATIVE PROFILE
TYPE: MH



DOOR AND FRAME TYPES
SCALE: 1/4" = 1'-0"

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS				CEILING	HEIGHT (A.F.F.)	COMMENTS
				NORTH	EAST	SOUTH	WEST			
337	STO.	CPT	CB	PT-1	PT-1	PT-1	PT-1	ACT	10'-6"	VAULTED CEILING
342	OPEN OFFICE	CPT	CB	PT-1	PT-1	PT-1	PT-1	ACT	VARIES	RE: RCP FOR GYP SOFFIT PORTIONS AND TIE-IN TO EXISTING CEILINGS.
342-1	OFFICE	CPT	CB	PT-1	PT-2	PT-1	PT-1	ACT	10'-6"	
342-2	OFFICE	CPT	CB	PT-1	PT-1	PT-1	PT-2	ACT	10'-6"	
342-3	OFFICE	CPT	CB	PT-1	PT-2	PT-1	PT-1	ACT	10'-6"	
342-4	OFFICE	CPT	CB	PT-1	PT-1	PT-1	PT-2	ACT	10'-6"	
342-5	OFFICE	CPT	CB	PT-1	PT-2	PT-1	PT-1	ACT	10'-6"	
342-6	OFFICE	CPT	CB	PT-1	PT-1	PT-1	PT-2	ACT	10'-6"	
342-7	OFFICE	CPT	CB	PT-1	PT-2	PT-1	PT-1	ACT	10'-6"	
342-8	OFFICE	CPT	CB	PT-1	PT-1	PT-1	PT-2	ACT	10'-6"	
342-9	OFFICE	CPT	CB	PT-1	PT-2	PT-1	PT-1	ACT	10'-6"	
342-10	OFFICE	CPT	CB	PT-1	PT-1	PT-1	PT-2	ACT	10'-6"	
342-11	INITIATIVE #1	CPT	CB	PT-1	PT-1	PT-1	PT-2	EX - GYP		VAULTED CEILING
384	CORRIDOR	CPT	CB	PT-1	PT-1	PT-1	PT-1			
386	INITIATIVE #2	CPT	CB	PT-1	PT-1	PT-2	PT-1	EX - GYP		VAULTED CEILING
388	STO.	CPT	CB	PT-1	PT-1	PT-1	PT-1	EX - GYP		VAULTED CEILING
390	OFFICE	CPT	CB	PT-1	PT-1	PT-2	PT-1	ACT	10'-0"	
392	OFFICE	CPT	CB	PT-1	PT-1	PT-2	PT-1	ACT	10'-0"	



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

MATERIAL FINISH LEGEND:

- ALUMINUM FRAMED STOREFRONT SYSTEM:**
AL: ALUMINUM - BLACK ANODIZED FINISH
- CEILING TILE & GRID**
ACT: ACOUSTIC CEILING TILE, BUILDING STANDARD
MANUF.: ARMSTRONG
PRODUCT: CIRRUS (VERIFY EXISTING)
SIZE: 24" x 24"
EDGE: BEVELED TEGULAR (9/16)
COLOR: WHITE
GRID: SILHOUETTE XL 9/16" BOLT SLOT
REVEAL: 1/4" (VERIFY EXISTING)
- FILM (GLAZING)**
F-1: GLAZING FILM (LOCATIONS, RE: WINDOW ELEVATIONS)
MANUF.: 3M
PRODUCT: FASARA GLASS FINISHES
GEOMETRIC GRID (SH2FGGD)
PATTERN: 7100126668
STOCK NO.: 50" WIDE (INSTALL HORIZONTAL)
SIZE:
- FLOORING (NIC)**
CPT-1: CARPET TILE, BUILDING STANDARD
MANUF.: MANNINGTON
PRODUCT: ALIGN
COLOR: RADIAN
SIZE: 2' x 2'
- GLAZING**
G-1: LAMINATED GLASS - ALL INTERIOR GLAZING U.N.O
MANUF.: CARDINAL GLASS INDUSTRIES
THICKNESS: 1/2" OVERALL
STC: 36
G-2: TEMPERED SAFETY GLASS - GLAZED LITES IN DOORS
MANUF.: CARDINAL GLASS INDUSTRIES
THICKNESS: 1/4" OVERALL
- PAINT**
PT-1: STANDARD (FIELD): SW 6105 DIVINE WHITE
PT-2: ACCENT: SW 6223 STILL WATER
- SOLID SURFACE (NIC)**
SS-1: SOLID SURFACE COUNTERTOP
MANUF.: STARON
PRODUCT: WS287
COLOR: QUARRY STARRED
- WALL BASE (NIC)**
CB-1: CARPET WALL BASE
MANUF.: MANNINGTON
PRODUCT: ALIGN
COLOR: RADIAN
HEIGHT: 4"
- WOOD VENEER**
WV-1: WOOD VENEER FINISH (DOORS AND CASEWORK)
SPECIES: CHEERY (MATCH EXISTING)



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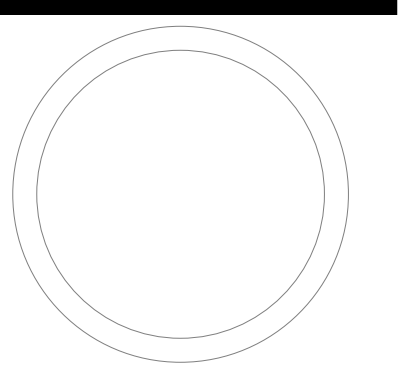
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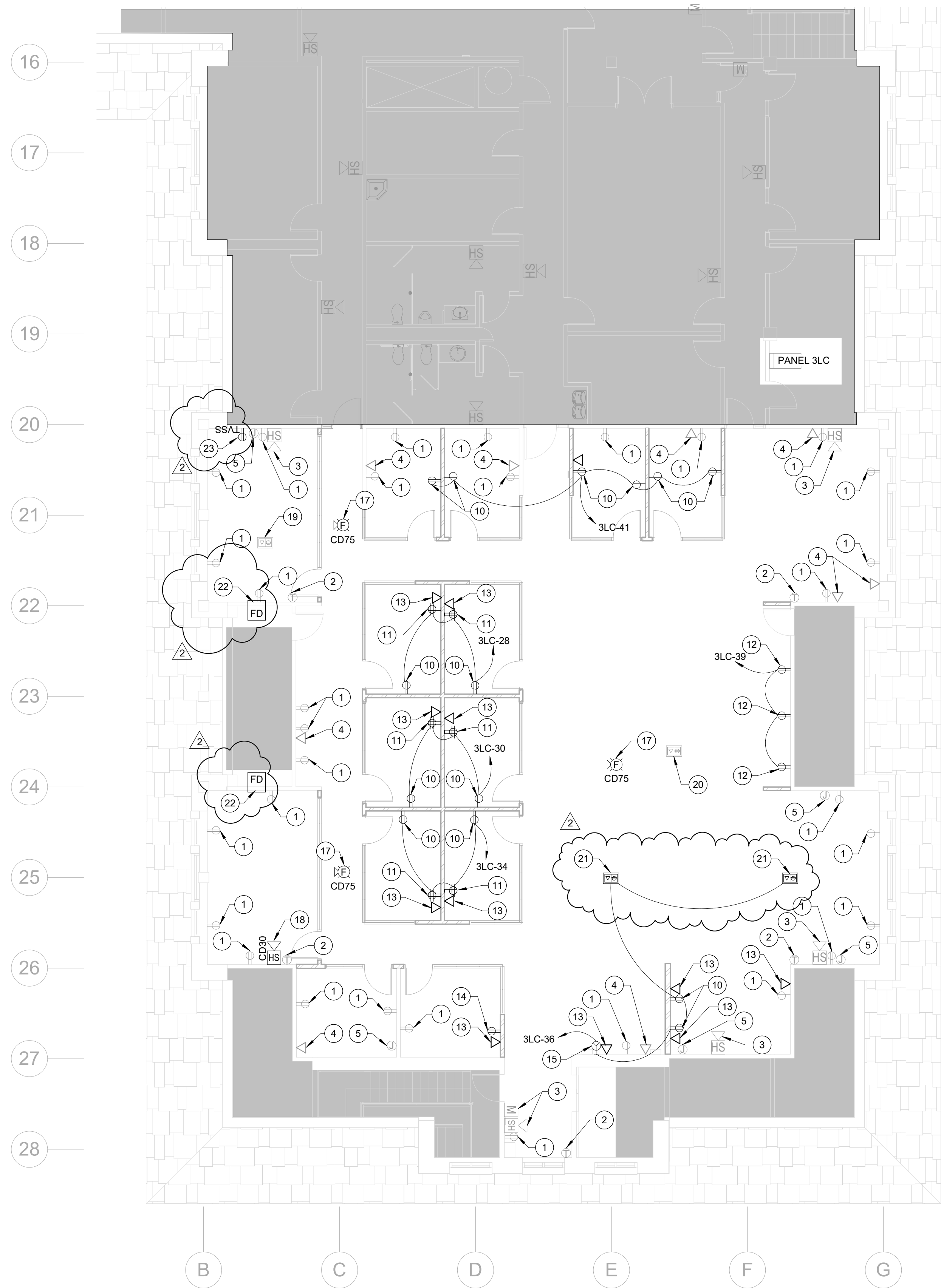
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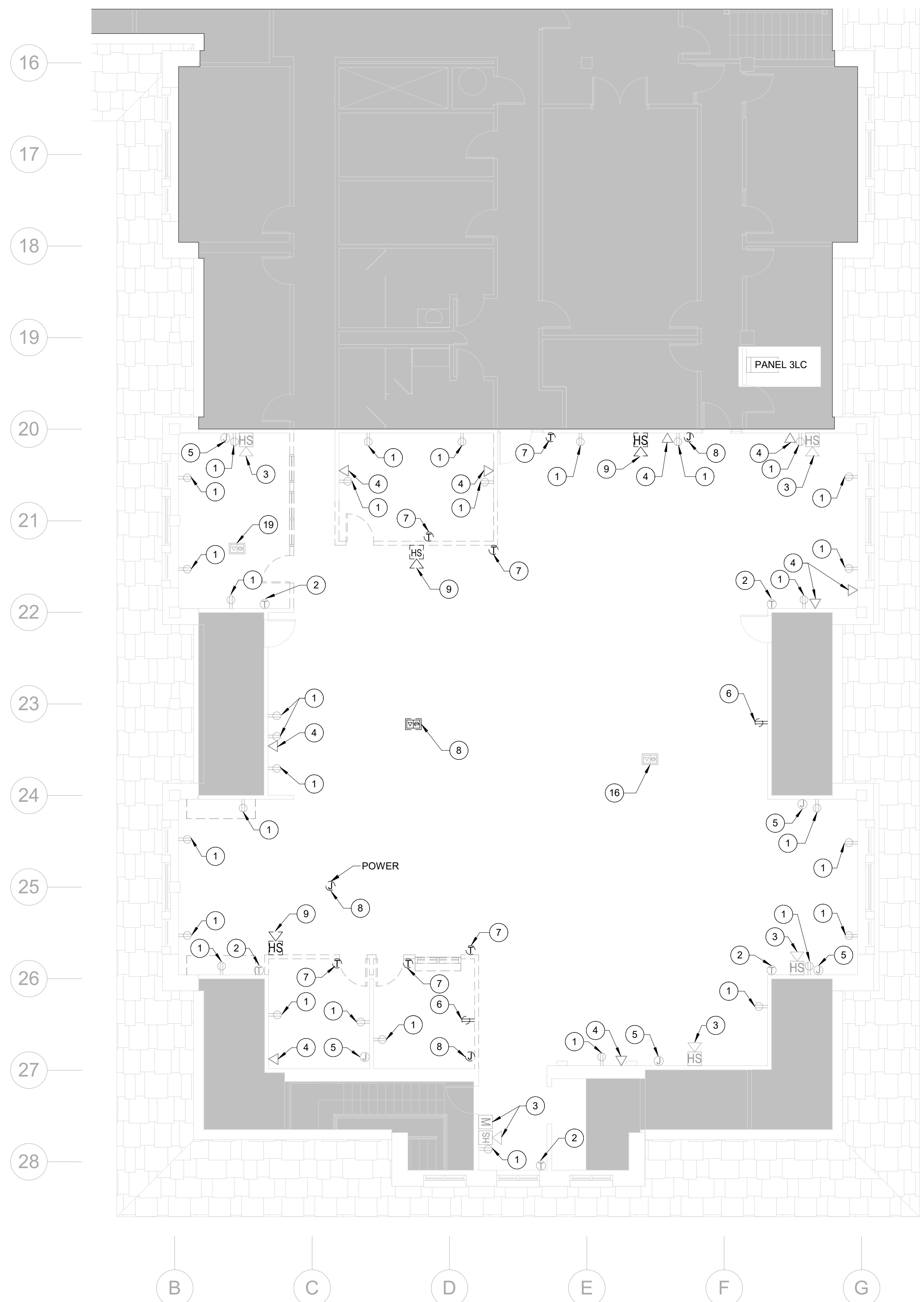
DOOR AND FINISH SCHEDULE

WORK ORDER & SHEET NO.

**M9243
A6.1**



NEW POWER PLAN - 3RD FLOOR SOUTH
SCALE: 1/8" = 1'-0" **2**



DEMOLITION POWER PLAN - 3RD FLOOR SOUTH
SCALE: 1/8" = 1'-0" **1**

REFERENCE NOTES

- 1 EXISTING RECEPTACLE TO REMAIN. SHOWN FOR REFERENCE PURPOSES ONLY.
- 2 EXISTING THERMOSTAT TO REMAIN. SHOWN FOR REFERENCE PURPOSES ONLY.
- 3 EXISTING FIRE ALARM DEVICE TO REMAIN. SHOWN FOR REFERENCE PURPOSES ONLY.
- 4 EXISTING DATA JACK TO REMAIN. SHOWN FOR REFERENCE PURPOSES ONLY.
- 5 EXISTING JUNCTION BOX TO REMAIN. SHOWN FOR REFERENCE PURPOSES ONLY.
- 6 REMOVE EXISTING RECEPTACLE AND ALL ASSOCIATED ABANDONED CIRCUITING BACK TO SOURCE COMPLETE OR NEAREST ELECTRICAL DEVICE TO REMAIN. MAINTAIN CIRCUIT INTEGRITY TO ALL DOWN STREAM ELECTRICAL DEVICES TO REMAIN.
- 7 REMOVE EXISTING THERMOSTAT AND ALL ASSOCIATED ABANDONED CIRCUITING BACK TO SOURCE COMPLETE.
- 8 REMOVE EXISTING JUNCTION BOX AND ALL ASSOCIATED ABANDONED CIRCUITING BACK TO SOURCE COMPLETE.
- 9 REMOVE EXISTING FIRE ALARM DEVICE AND ALL ABANDONED CIRCUITING BACK TO SOURCE COMPLETE OR NEAREST FIRE ALARM DEVICE TO REMAIN. MAINTAIN CIRCUIT INTEGRITY TO ALL DOWN STREAM FIRE ALARM DEVICES TO REMAIN.
- 10 INSTALL NEW RECEPTACLE. EXTEND A 3/4" W/ (2)#12, (1)#12 GND., THHN, CU., FROM RECEPTACLE TO CIRCUIT INDICATED ON DRAWING.
- 11 INSTALL NEW QUAD RECEPTACLE. EXTEND A 3/4" W/ (2)#12, (1)#12 GND., THHN, CU., FROM RECEPTACLE TO CIRCUIT INDICATED ON DRAWING.
- 12 INSTALL NEW RECEPTACLE AT 6" TO CENTER OF RECEPTACLE ABOVE COUNTER TOP OR BACK SPLASH. EXTEND A 3/4" C WITH (2)#12, (1)#12 GND., THHN, CU., FROM THE RECEPTACLE TO CIRCUIT INDICATED ON DRAWING.
- 13 INSTALL NEW DATA JACK LOCATION. SEE DETAIL 5 ON SHEET E5.1 FOR INSTALLATION DETAIL.
- 14 INSTALL NEW RECEPTACLE. EXTEND A 3/4" W/ (2)#12, (1)#12 GND., THHN, CU., FROM RECEPTACLE TO NEAREST RECEPTACLE CIRCUIT.
- 15 INSTALL NEW MODULAR FURNITURE CONNECTION. PROVIDE DOUBLE-GANG J-BOX FOR POWER. EXTEND A 3/4" WITH (2) #12, (1)#12 GRND., THHN, CU., FROM THE FURNITURE TO CIRCUIT INDICATED ON DRAWING.
- 16 DISCONNECT EXISTING FLOOR POWER AND DATA FROM FURNITURE AND PREPARE FOR CONNECTION TO NEW FURNITURE.
- 17 INSTALL ADA COMPLIANT CEILING MOUNTED FIRE ALARM HORN/STROBE DEVICE, 15CD UNLESS OTHERWISE NOTED. CONNECT TO EXISTING FIRE ALARM LOOP. PROVIDE ALL NECESSARY WIRE AND CONDUIT AS REQUIRED FOR A COMPLETE INSTALLATION.
- 18 INSTALL ADA COMPLIANT WALL MOUNTED FIRE ALARM HORN / STROBE, 15CD UNLESS OTHERWISE NOTED. CONNECT TO EXISTING FIRE ALARM LOOP. PROVIDE ALL NECESSARY WIRE AND CONDUIT AS REQUIRED FOR A COMPLETE INSTALLATION.
- 19 EXISTING FLOOR POWER DATA CONNECTION TO REMAIN.
- 20 CONNECT EXISTING FLOOR POWER TO NEW FURNITURE.
- 21 INSTALL NEW 4" POKE THROUGH (HUBBELL 51TAVFTJ-SIGCAL-SUSPDSLS) COORDINATE EXACT LOCATION WITH FURNITURE INSTALLER. EXTEND A 3/4" C WITH (2)#12, (1)#12 GND., THHN, CU., FROM THE FURNITURE TO CIRCUIT INDICATED ON DRAWING.
- 22 CONNECT NEW FIRE DAMPER TO FIRE ALARM SYSTEM. PROVIDE ALL REQUIRED CIRCUITING FOR A COMPLETE INSTALLATION.
- 23 INSTALL NEW TVSS RECEPTACLE AT 72" A.F.F. IN LINE WITH EXISTING RECEPTACLE BELOW. PROVIDE 3/4" WITH (2)#12, (1)#12 GND., THHN, CU., FROM RECEPTACLE TO NEAREST AVAILABLE RECEPTACLE CIRCUIT.

GENERAL NOTES

1. IF THERE ARE ANY DESIGN OR BUDGET PROBLEMS WITH THIS PROJECT, CONTACT THE DESIGNER ABOVE AS SOON AS POSSIBLE.
2. FOLLOW THE DESIGN AS PER THESE STANDARD PLANS. ANY CHANGES, ADDITIONS, OR ADJUSTMENTS SHALL BE REVIEWED WITH THE PERSON WHOSE ENGINEERING STAMP IS HERE ATTACHED.
3. ALL CONDUIT PENETRATIONS THROUGH WALLS, FLOORS, AND CEILINGS SHALL BE FIRE CAULKED AS REQUIRED BY CODE.
4. SEE OIT DRAWINGS FOR PATHWAYS AND J-BOXES REQUIRED FOR TELEDATA AND AUDIO/VISUAL NEEDS.
5. ALL SHADED AREAS ARE OUTSIDE SCOPE OF WORK.



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FAX: (801) 422-0566

DATE: 01/29/25
DESIGNER: LRM
DRAWN BY: LRM

ADA CHECK: _____
CODE CHECK: _____
STRUCTURAL: _____
UTILITIES DIR: _____
PLANNING DIR: _____

CLIENT APPROVAL _____ DATE _____

REVISIONS
ADDENDUM #2 02/19/25

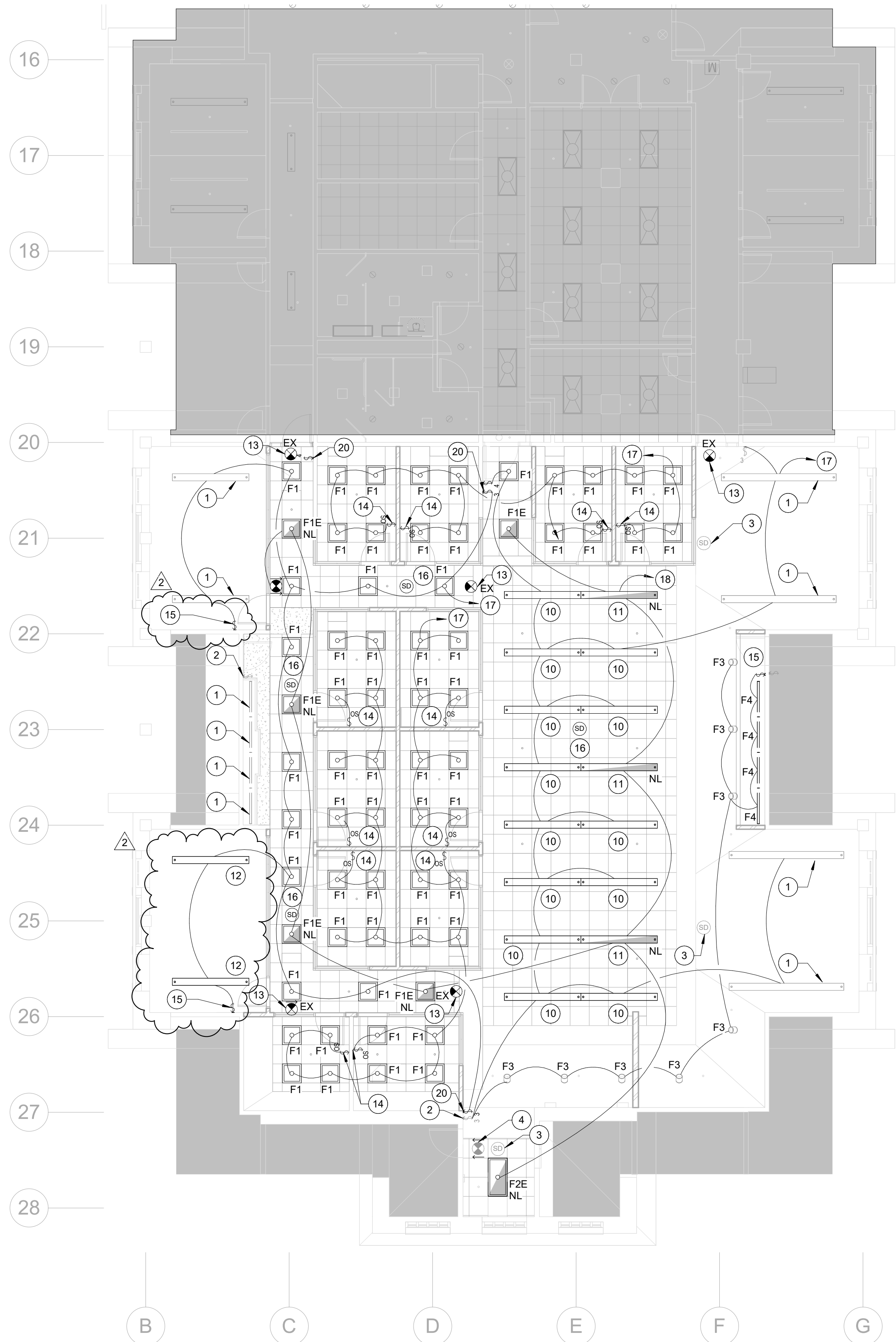
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DEMOLITION AND NEW POWER PLANS

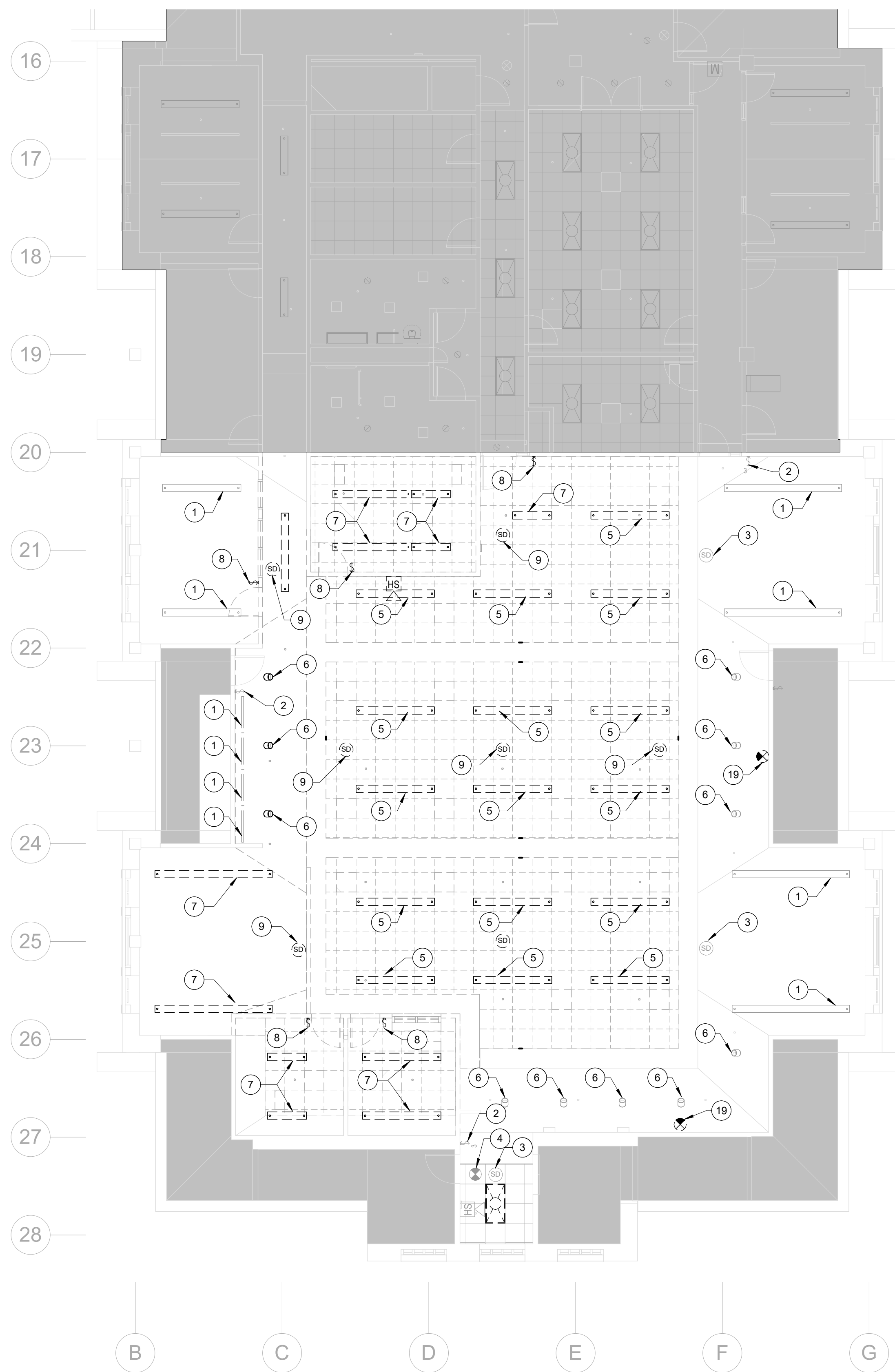
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E1.1



NEW LIGHTING PLAN - 3RD FLOOR SOUTH
SCALE: 1/8" = 1'-0"

2



DEMOLITION LIGHTING PLAN - 3RD FLOOR SOUTH
SCALE: 1/8" = 1'-0"

1

REFERENCE NOTES

- 1 EXISTING LIGHT FIXTURE TO REMAIN. SHOWN FOR REFERENCE PURPOSES ONLY.
- 2 EXISTING LIGHT SWITCH TO REMAIN. SHOWN FOR REFERENCE PURPOSES ONLY.
- 3 EXISTING CEILING MOUNTED SMOKE DETECTOR TO REMAIN. SHOWN FOR REFERENCE PURPOSES ONLY.
- 4 EXISTING EXIT SIGN TO REMAIN. SHOWN FOR REFERENCE PURPOSES ONLY.
- 5 CAREFULLY REMOVE EXISTING LINEAR PENDANT LIGHT FIXTURE. PREPARE FOR RELOCATION. PREPARE EXISTING LIGHTING CIRCUIT FOR CONNECTION TO NEW LIGHT FIXTURE.
- 6 REMOVE EXISTING LIGHT FIXTURE AND PREPARE FOR NEW FIXTURE TO BE INSTALLED IN EXISTING LOCATION.
- 7 REMOVE EXISTING LIGHT FIXTURE. PREPARE EXISTING LIGHTING CIRCUIT FOR CONNECTION TO NEW LIGHT FIXTURE.
- 8 REMOVE EXISTING LIGHT SWITCH AND ALL ASSOCIATED ABANDONED CIRCUITING BACK TO SOURCE COMPLETE.
- 9 CAREFULLY REMOVE EXISTING CEILING MOUNTED SMOKE DETECTOR AND PREPARE FOR RELOCATION TO NEW CEILING.
- 10 INSTALL REMOVED LINEAR PENDANT FIXTURE IN LOCATION SHOWN. SEE DETAIL 2 ON SHEET E5.1 FOR WIRING DIAGRAM.
- 11 INSTALL REMOVED LINEAR PENDANT FIXTURE IN THIS LOCATION. CONNECT TO NEAREST AVAILABLE UN-SWITCHED EMERGENCY LIGHTING CIRCUIT.
- 12 INSTALL NEW LINEAR PENDANT LIGHT FIXTURE. MATCH FIXTURES IN ROOM 386. SEE DETAIL 4 ON SHEET E5.1 FOR WIRING DIAGRAM.
- 13 INSTALL NEW CEILING MOUNTED EXIT SIGN. SEE DRAWING FOR NUMBER OF SIDES AND ARROWS REQUIRED. CONNECT TO NEAREST EXISTING EMERGENCY LIGHTING CIRCUIT.
- 14 INSTALL OCCUPANCY SENSOR WALL SWITCH. SEE DETAIL 3 ON SHEET E5.1 FOR WIRING DIAGRAM.
- 15 INSTALL SINGLE POLE SWITCH SEE DETAIL 4 ON SHEET E5.1 FOR WIRING DIAGRAM.
- 16 INSTALL REMOVED CEILING MOUNTED SMOKE DETECTOR IN LOCATION SHOWN. RECONNECT TO EXISTING FIRE ALARM LOOP.
- 17 CONNECT LIGHTING TO EXISTING LIGHTING CIRCUIT SERVING THIS SPACE.
- 18 CONNECT TO NEAREST AVAILABLE EMERGENCY LIGHTING CIRCUIT.
- 19 REMOVE EXISTING EXIT SIGN, AND ALL ASSOCIATED ABANDONED CIRCUITING BACK TO SOURCE COMPLETE.
- 20 INSTALL NEW 4-WAY LIGHT SWITCH. SEE DETAIL 2 ON SHEET E5.1 FOR WIRING DIAGRAM.

GENERAL NOTES

1. IF THERE ARE ANY DESIGN OR BUDGET PROBLEMS WITH THIS PROJECT, CONTACT THE DESIGNER ABOVE AS SOON AS POSSIBLE.
2. FOLLOW THE DESIGN AS PER THESE STANDARD PLANS. ANY CHANGES, ADDITIONS, OR ADJUSTMENTS SHALL BE REVIEWED WITH THE PERSON WHOSE ENGINEERING STAMP IS HERE ATTACHED.
3. ALL CONDUIT PENETRATIONS THROUGH WALLS, FLOORS, AND CEILINGS SHALL BE FIRE CAULKED AS REQUIRED BY CODE.
4. SEE OIT DRAWINGS FOR PATHWAYS AND J-BOXES REQUIRED FOR TELE/DATA AND AUDIO/VISUAL NEEDS.
5. ALL SHADED AREAS ARE OUTSIDE SCOPE OF WORK.



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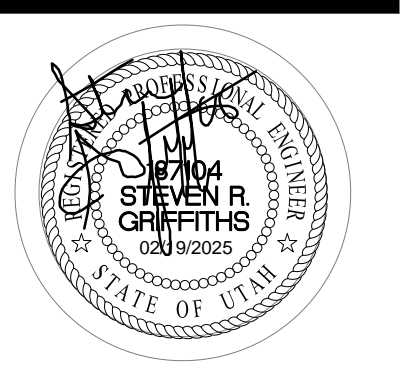
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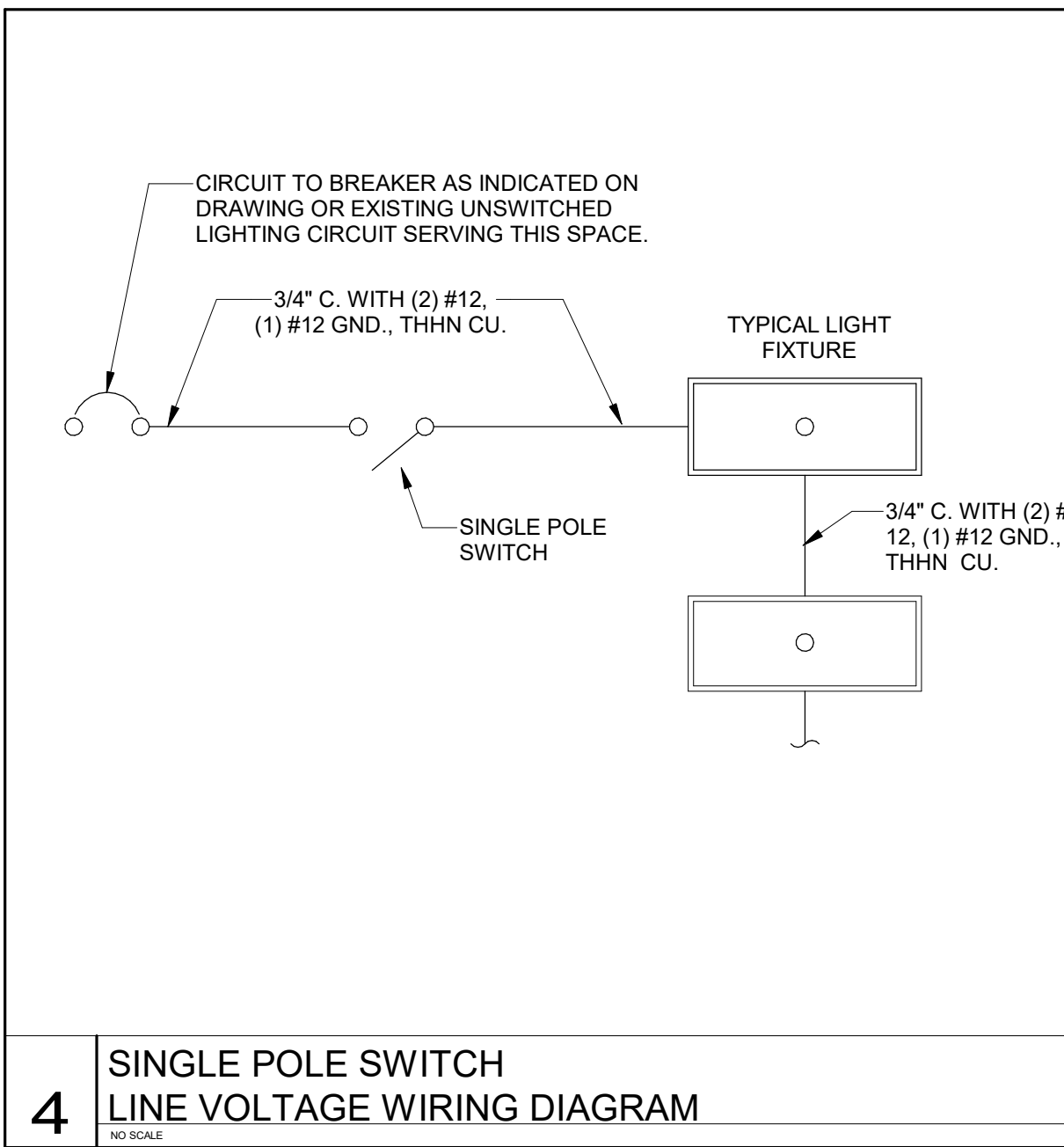
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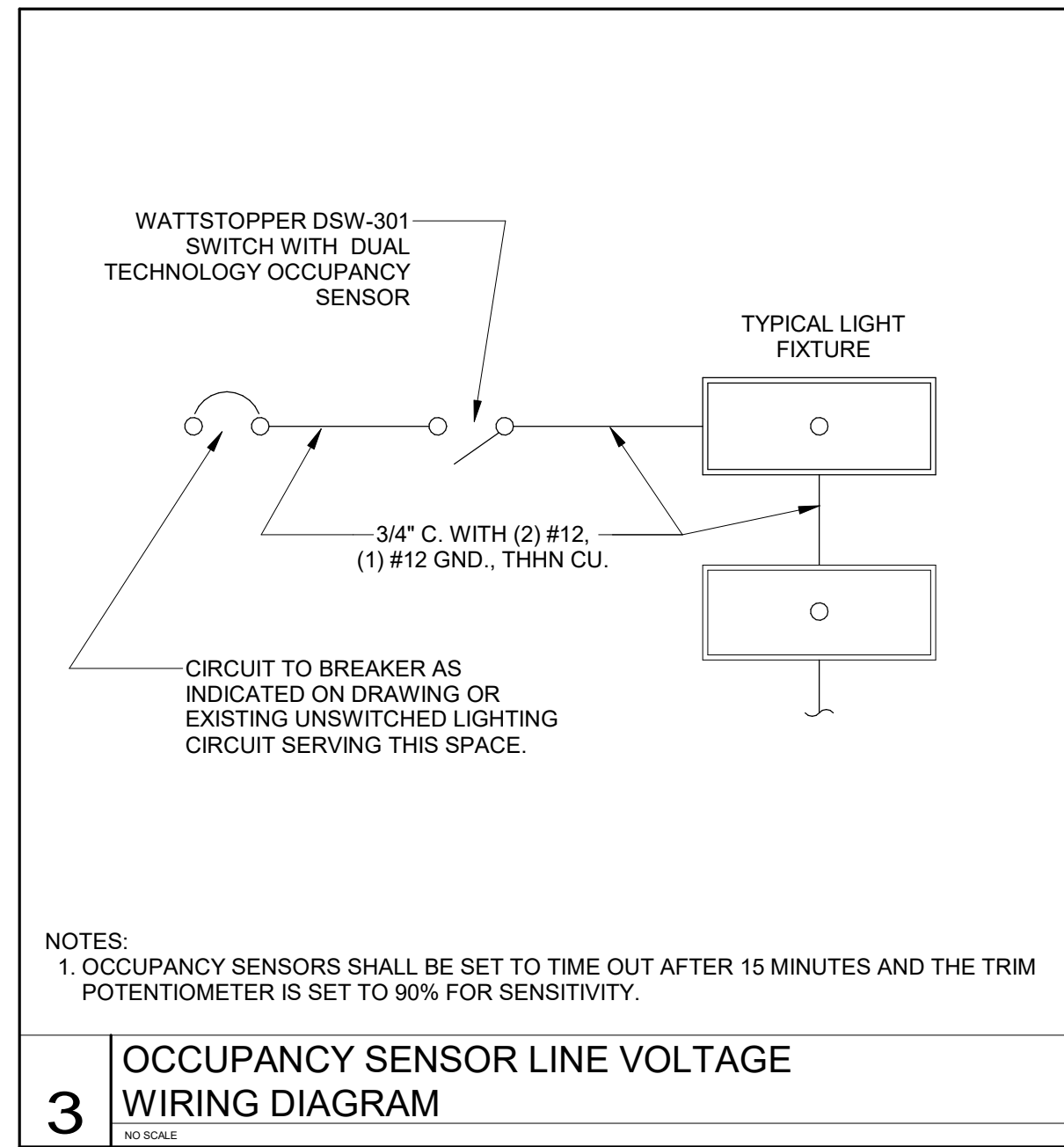
DEMOLITION AND NEW LIGHTING PLANS

WORK ORDER & SHEET NO.

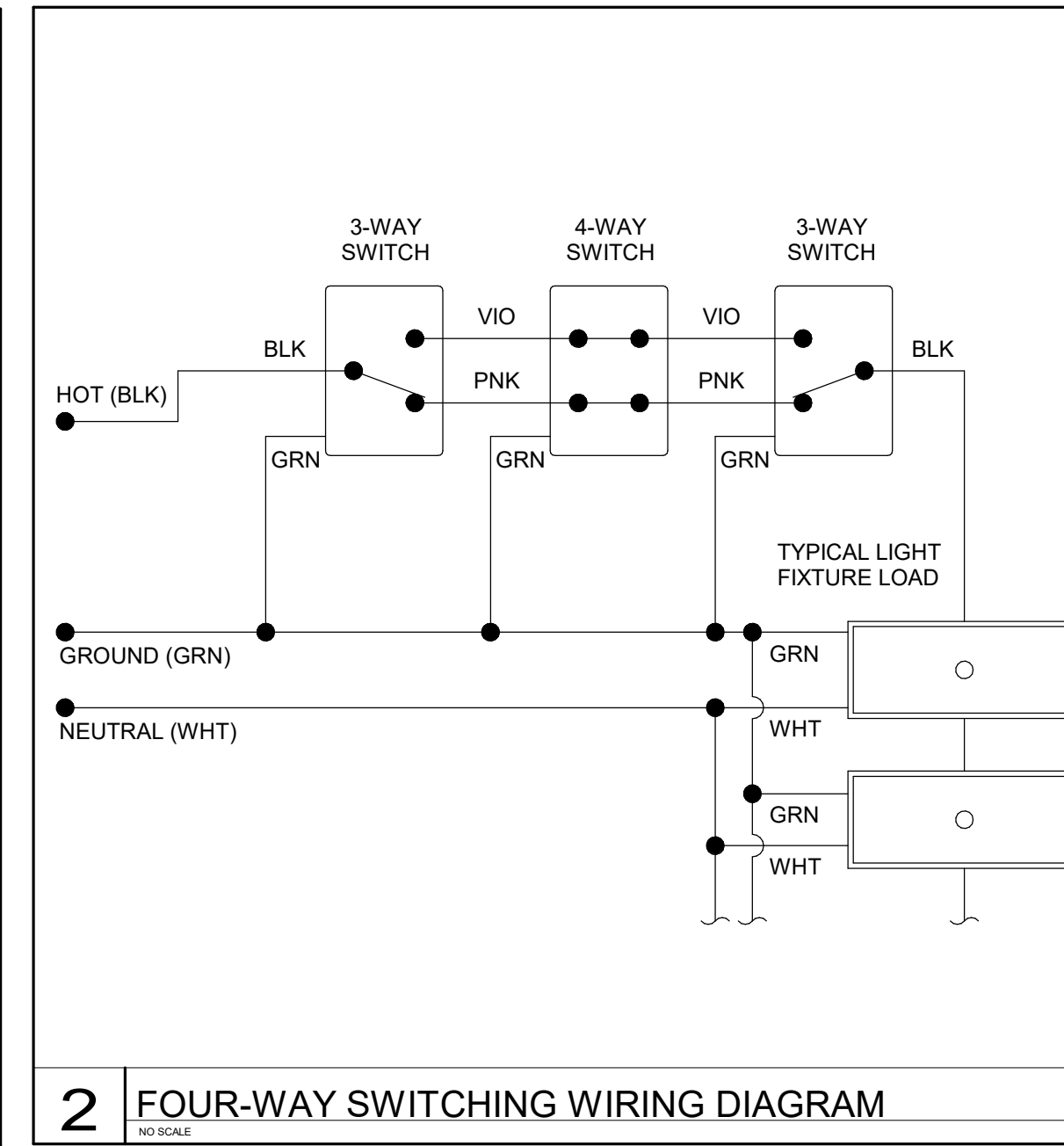
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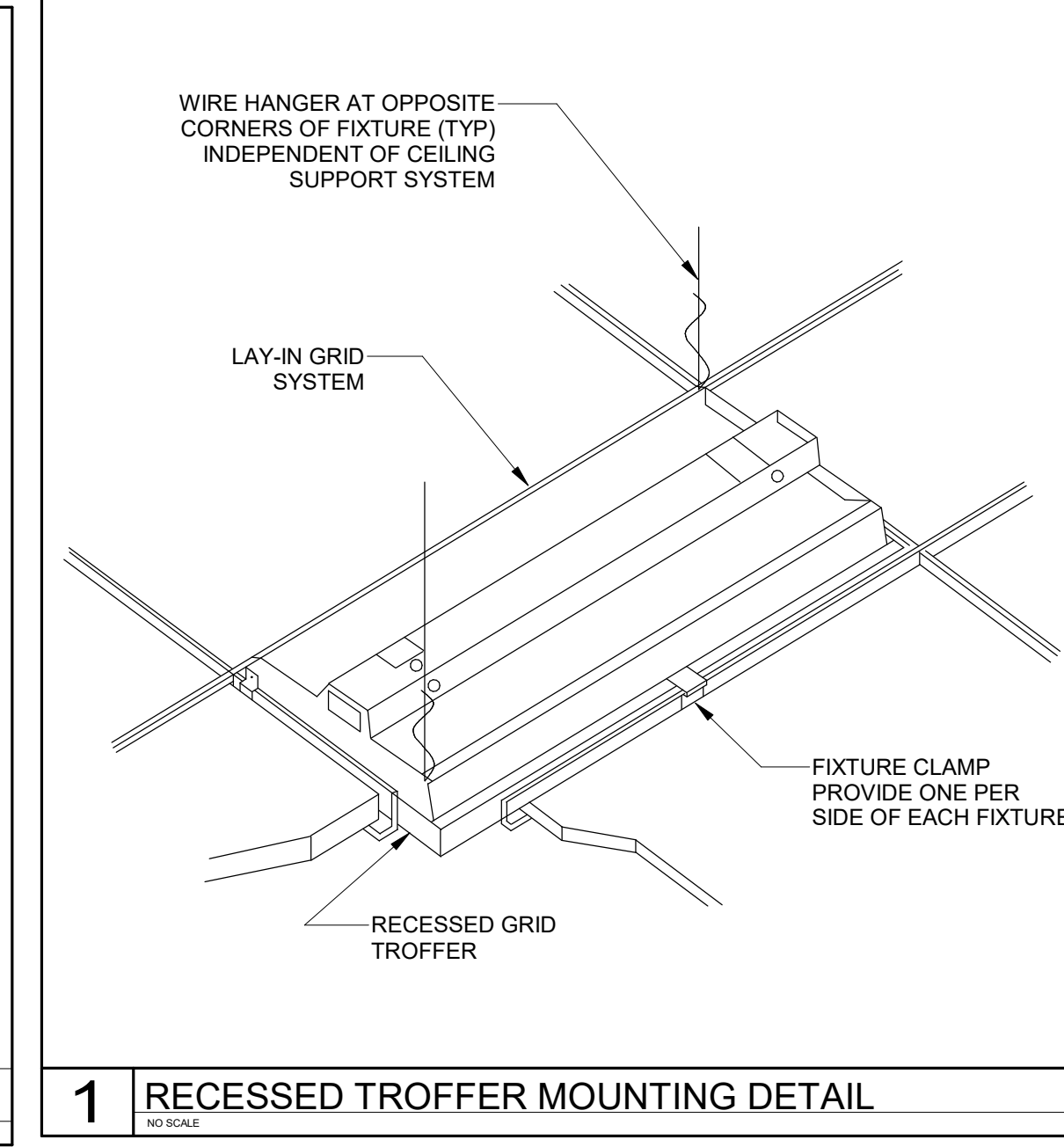
4 SINGLE POLE SWITCH LINE VOLTAGE WIRING DIAGRAM



3 OCCUPANCY SENSOR LINE VOLTAGE WIRING DIAGRAM



2 FOUR-WAY SWITCHING WIRING DIAGRAM



1 RECESSED TROFFER MOUNTING DETAIL

DEVICES AND PATHWAYS

⌋	WIRING SYSTEM CONCEALED IN WALL OR CEILING.
⌋	BRANCH CIRCUIT HOMERUN TO PANEL.
J	JUNCTION BOX WITH CONNECTION TO EQUIPMENT SERVED. 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING.
⊕	DUPLEX RECEPTACLE, 20 AMP, 120 VOLT (USE 20 AMP FOR SINGLE RECEPTACLE ON A CIRCUIT).
⊕	QUAD RECEPTACLE, TWO NEMA 5-20R DUPLEX RECEPTACLES.
⊕	TELEVISION RECEPTACLE, 20 AMP, 120 VOLT
⊕	GROUND-FAULT RECEPTACLE, NEMA 5-20R DUPLEX ALL RECEPTACLES INSTALLED OUTSIDE, WITHIN 6" OF A SINK OR IN A KITCHEN SHALL BE GFCI.
⊕	MODULAR FURNITURE CONNECTION, PROVIDE DOUBLE-GANG BARRIERED J-BOX FOR POWER & TELE/DATA. EXTEND 1-1/4" EC TO ABOVE ACCESSIBLE CEILING FOR TELE/DATA. CONNECT POWER AS INDICATED.

LIGHTING (SEE FIXTURE SCH.)

⊕	LED GRID TROFFER LIGHT FIXTURE. SEE FIXTURE SCHEDULE. SUSPEND TWO CORNERS WITH WIRE TO STRUCTURE. DO NOT ALLOW GRID ALONE TO SUPPORT FIXTURE.
⊕	LED PENDANT LIGHT FIXTURE.
⊕	LED RECESSED DOWN LIGHT FIXTURE. SEE FIXTURE SCHEDULE.
⊕	UNDER CABINET LED LIGHT FIXTURE. SEE FIXTURE SCHEDULE.
⊕	LED FIXTURE CONNECTED TO EMERGENCY LIGHTING CIRCUIT. SEE FIXTURE SCHEDULE FOR FIXTURE TYPE.
⊕	EXIT LIGHT WITH ARROWS AND NUMBERS OF FACES AS INDICATED ON PLANS. CONNECTED TO EMERGENCY LIGHTING CIRCUIT. SEE LIGHTING FIXTURE SCHEDULE.
⊕	SINGLE POLE SWITCH, 20 AMP, 120/277 VOLT.
⊕	THREE WAY SWITCH, 20 AMP, 120/277 VOLT.
⊕	FOUR WAY SWITCH, 20 AMP, 120/277 VOLT.
⊕	WALL MOUNTED OCCUPANCY SENSOR AND SWITCH WITH DUAL TECHNOLOGY.

PANELS, DISCONNECTS

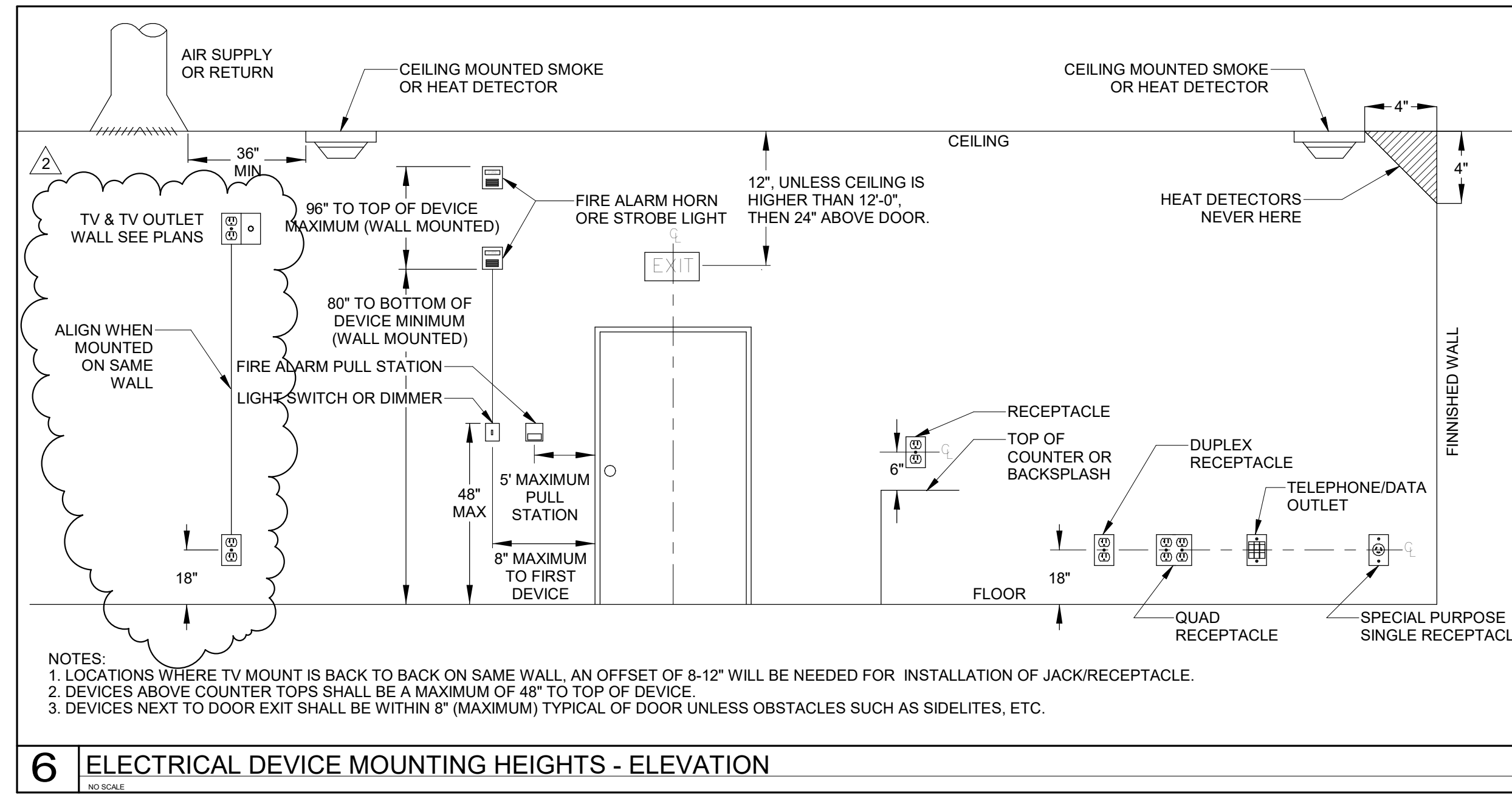
⊕	PANELBOARD. SEE SCHEDULE FOR MOUNTING. TOP OF PANEL AT 6'-6" AFF.
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TELECOMMUNICATIONS

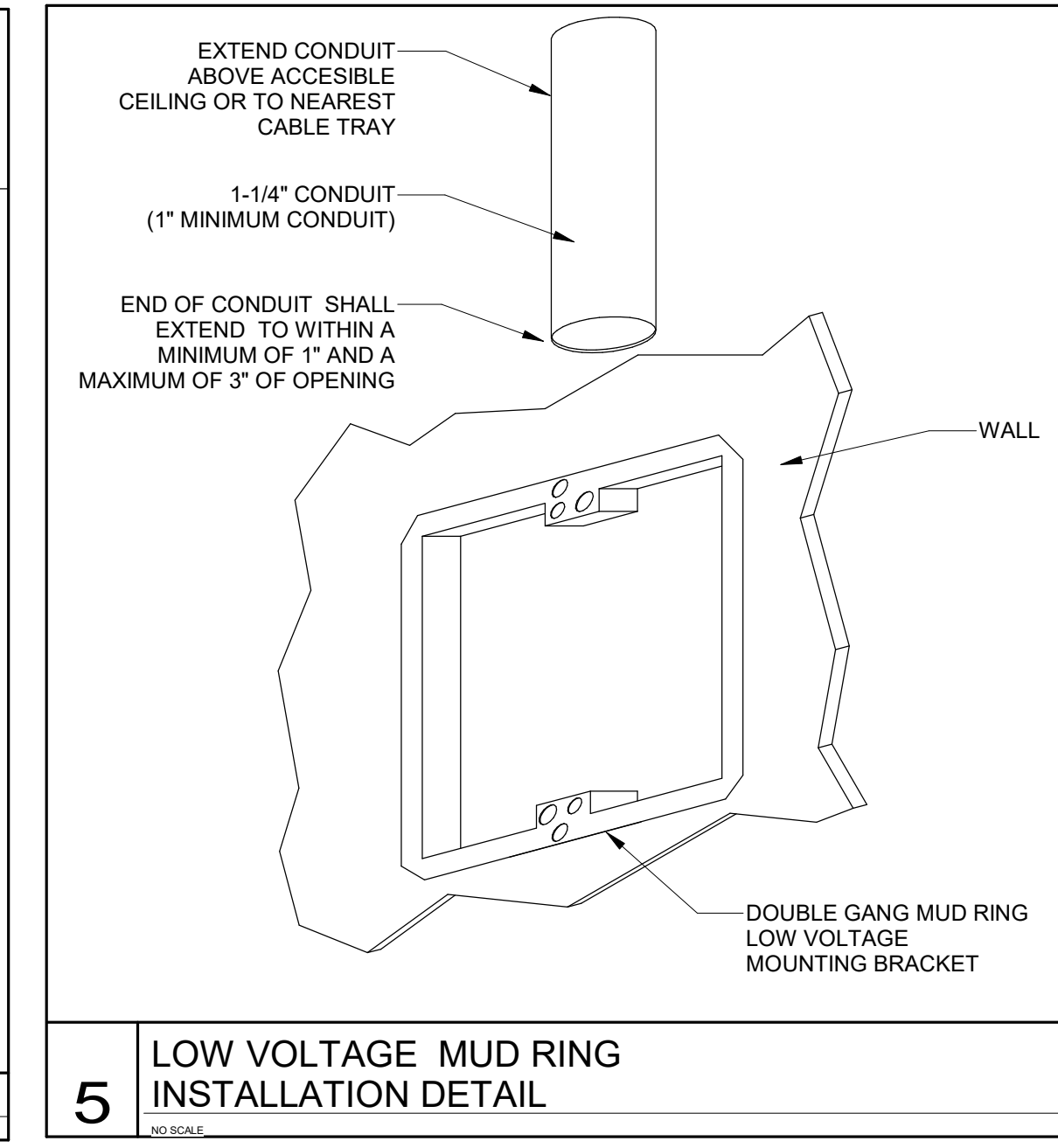
⊕	TELE/DATA OUTLET. 1" EC TO ABOVE NEAREST ACCESSIBLE CEILING FOR J-HOOK SYSTEM OR TO LOCAL CABLE TRAY (WITHIN 6") AS APPLICABLE WITH PULL STRING. 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING.
---	---

FIRE ALARM

M	FIRE ALARM MANUAL STATION. PROVIDE PROTECTION DEVICE.
SD	CEILING MOUNTED SMOKE DETECTOR. FA VENDOR PROVIDED. ADA COMPLIANT WALL MOUNT FIRE ALARM HORN WITH STROBE LIGHT, 15CD UNLESS OTHERWISE NOTED. WHITE FINISH.**
HS	ADA COMPLIANT CEILING MOUNTED FIRE ALARM HORN STROBE LIGHT, 15CD UNLESS OTHERWISE NOTED. WHITE FINISH.**
F	SMOKE DAMPER. FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR. CONNECTED TO FIRE ALARM SYSTEM BY ELECTRICAL CONTRACTOR.



6 ELECTRICAL DEVICE MOUNTING HEIGHTS - ELEVATION



5 LOW VOLTAGE MUD RING INSTALLATION DETAIL

ABBREVIATIONS

+42"	DIMENSION INDICATES HEIGHT ABOVE FINISHED FLOOR AT WHICH CENTER OF DEVICE IS TO BE MOUNTED. SEE PLANS.
3R	NEMA 3R RATING
AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLER UNIT
C	CONDUIT WITH PULL CORD
C.B.	CIRCUIT BREAKER
CLG	INSTALLED IN CEILING
EC	EMPTY CONDUIT WITH PULL CORD
E.C.	ELECTRICAL CONTRACTOR
EW/C	ELECTRIC WATER COOLER
EW/H	ELECTRIC WATER HEATER
FACP	FIRE ALARM CONTROL PANEL
FPN	FUSE PER NAMEPLATE
LC	LIGHTING CONTACTOR
M.C.	MECHANICAL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
U.G.	UNDERGROUND
WP	WEATHER PROOF
S.E.	SERVICE ENTRANCE
EM	EMERGENCY FIXTURE WITH BATTERY OR GENERATOR BACK-UP
Isc	RMS SYMMETRICAL SHORT CIRCUIT CURRENT
AIC	AMPERE INTERRUPTING CAPACITY (EQUIPMENT RATING)



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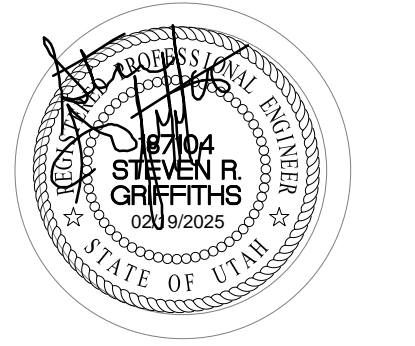
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ELECTRICAL DETAIL, NOTES, LEGENDS, AND SCHEDULES

WORK ORDER & SHEET NO.

M9243
E5.1



SECTION 087100 DOOR HARDWARE

PART 1 - GENERAL

1.01 SUMMARY

- A. Section includes:
 - 1. Mechanical and electrified door hardware
- B. Section excludes:
 - 1. Windows
 - 2. Cabinets (casework), including locks in cabinets
 - 3. Signage
 - 4. Toilet accessories
 - 5. Overhead doors
- C. Related Sections:
 - 1. Division 01 "General Requirements" sections for Allowances, Alternates, Owner Furnished Contractor Installed, Project Management and Coordination.
 - 2. Division 06 Section "Rough Carpentry"
 - 3. Division 06 Section "Finish Carpentry"
 - 4. Division 07 Section "Joint Sealants" for sealant requirements applicable to threshold installation specified in this section.
 - 5. Division 08 Sections:
 - a. "Metal Doors and Frames"
 - b. "Flush Wood Doors"

1.02 REFERENCES

- A. UL LLC
 - 1. UL 10B - Fire Test of Door Assemblies
 - 2. UL 10C - Positive Pressure Test of Fire Door Assemblies
 - 3. UL 1784 - Air Leakage Tests of Door Assemblies
 - 4. UL 305 - Panic Hardware
- B. DHI - Door and Hardware Institute
 - 1. Sequence and Format for the Hardware Schedule
 - 2. Recommended Locations for Builders Hardware
 - 3. Keying Systems and Nomenclature
 - 4. Installation Guide for Doors and Hardware
- C. NFPA – National Fire Protection Association
 - 1. NFPA 80 – 2016 Edition – Standard for Fire Doors and Other Opening Protectives
 - 2. NFPA 101 – Life Safety Code
 - 3. NFPA 105 – Smoke and Draft Control Door Assemblies
 - 4. NFPA 252 – Fire Tests of Door Assemblies
- D. ANSI - American National Standards Institute



1. ANSI A117.1 – 2017 Edition – Accessible and Usable Buildings and Facilities
2. ANSI/BHMA A156.1 - A156.29, and ANSI/BHMA A156.31 - Standards for Hardware and Specialties
3. ANSI/BHMA A156.28 - Recommended Practices for Keying Systems
4. ANSI/WDMA I.S. 1A - Interior Architectural Wood Flush Doors
5. ANSI/SDI A250.8 - Standard Steel Doors and Frames

1.03 SUBMITTALS

A. General:

1. Submit in accordance with Conditions of Contract and Division 01 Submittal Procedures.
2. Prior to forwarding submittal:
 - a. Review drawings and Sections from related trades to verify compatibility with specified hardware.
 - b. Highlight, encircle, or otherwise specifically identify on submittals: deviations from Contract Documents, issues of incompatibility or other issues which may detrimentally affect the Work.

B. Action Submittals:

1. Product Data: Submit technical product data for each item of door hardware, installation instructions, maintenance of operating parts and finish, and other information necessary to show compliance with requirements.
2. Samples for Verification: If requested by Architect, submit production sample of requested door hardware unit in finish indicated and tagged with full description for coordination with schedule.
 - a. Samples will be returned to supplier. Units that are acceptable to Architect may, after final check of operations, be incorporated into Work, within limitations of key coordination requirements.
3. Door Hardware Schedule:
 - a. Submit concurrent with submissions of Product Data, Samples, and Shop Drawings. Coordinate submission of door hardware schedule with scheduling requirements of other work to facilitate fabrication of other work critical in Project construction schedule.
 - b. Submit under direct supervision of a Door Hardware Institute (DHI) certified Architectural Hardware Consultant (AHC) or Door Hardware Consultant (DHC) with hardware sets in vertical format as illustrated by Sequence of Format for the Hardware Schedule published by DHI.
 - c. Indicate complete designations of each item required for each opening, include:
 - 1) Door Index: door number, heading number, and Architect's hardware set number.
 - 2) Quantity, type, style, function, size, and finish of each hardware item.
 - 3) Name and manufacturer of each item.
 - 4) Fastenings and other pertinent information.
 - 5) Location of each hardware set cross-referenced to indications on Drawings.
 - 6) Explanation of all abbreviations, symbols, and codes contained in schedule.
 - 7) Mounting locations for hardware.
 - 8) Door and frame sizes and materials.
 - 9) Degree of door swing and handing.

4. Key Schedule:



- a. After Keying Conference, provide keying schedule that includes levels of keying, explanations of key system's function, key symbols used, and door numbers controlled.
- b. Use ANSI/BHMA A156.28 "Recommended Practices for Keying Systems" as guideline for nomenclature, definitions, and approach for selecting optimal keying system.
- c. Provide 3 copies of keying schedule for review prepared and detailed in accordance with referenced DHI publication. Include schematic keying diagram and index each key to unique door designations.
- d. Index keying schedule by door number, keyset, hardware heading number, cross keying instructions, and special key stamping instructions.
- e. Provide one complete bitting list of key cuts and one key system schematic illustrating system usage and expansion. Forward bitting list, key cuts and key system schematic directly to Owner, by means as directed by Owner.
- f. Prepare key schedule by or under supervision of supplier, detailing Owner's final keying instructions for locks.

C. Informational Submittals:

1. Provide Qualification Data for Supplier, Installer and Architectural Hardware Consultant.
2. Provide Product Data:
 - a. Certify that door hardware approved for use on types and sizes of labeled fire-rated doors complies with listed fire-rated door assemblies.
 - b. Include warranties for specified door hardware.

D. Closeout Submittals:

1. Operations and Maintenance Data: Provide in accordance with Division 01 and include:
 - a. Complete information on care, maintenance, and adjustment; data on repair and replacement parts, and information on preservation of finishes.
 - b. Catalog pages for each product.
 - c. Final approved hardware schedule edited to reflect conditions as installed.
 - d. Final keying schedule
 - e. Copy of warranties including appropriate reference numbers for manufacturers to identify project.

E. Inspection and Testing:

1. Submit written reports to the Owner and Authority Having Jurisdiction (AHJ) of the results of functional testing and inspection for:
 - a. Fire door assemblies, in compliance with NFPA 80.
 - b. Required egress door assemblies, in compliance with NFPA 101.

1.04 QUALITY ASSURANCE

A. Qualifications and Responsibilities:



1. Supplier: Recognized architectural hardware supplier with a minimum of 5 years documented experience supplying both mechanical and electromechanical door hardware similar in quantity, type, and quality to that indicated for this Project. Supplier to be recognized as a factory direct distributor by the manufacturer of the primary materials with a warehousing facility in the Project's vicinity. Supplier to have on staff, a certified Architectural Hardware Consultant (AHC) or Door Hardware Consultant (DHC) available to Owner, Architect, and Contractor, at reasonable times during the Work for consultation.
 2. Installer: Qualified tradesperson skilled in the application of commercial grade hardware with experience installing door hardware similar in quantity, type, and quality as indicated for this Project.
 3. Architectural Hardware Consultant: Person who is experienced in providing consulting services for door hardware installations that are comparable in material, design, and extent to that indicated for this Project and meets these requirements:
 - a. For door hardware: DHI certified AHC or DHC.
 - b. Can provide installation and technical data to Architect and other related subcontractors.
 - c. Can inspect and verify components are in working order upon completion of installation.
 4. Single Source Responsibility: Obtain each type of door hardware from single manufacturer.
- B. Certifications:
1. Fire-Rated Door Openings:
 - a. Provide door hardware for fire-rated openings that complies with NFPA 80 and requirements of authorities having jurisdiction.
 - b. Provide only items of door hardware that are listed products tested by UL LLC, Intertek Testing Services, or other testing and inspecting organizations acceptable to authorities having jurisdiction for use on types and sizes of doors indicated, based on testing at positive pressure and according to NFPA 252 or UL 10C and in compliance with requirements of fire-rated door and door frame labels.
 2. Smoke and Draft Control Door Assemblies:
 - a. Provide door hardware that meets requirements of assemblies tested according to UL 1784 and installed in compliance with NFPA 105
 - b. Comply with the maximum air leakage of 0.3 cfm/sq. ft. (3 cu. m per minute/sq. m) at tested pressure differential of 0.3-inch wg (75 Pa) of water.
 3. Accessibility Requirements:
 - a. Comply with governing accessibility regulations cited in "REFERENCES" article 087100, 1.02.D3 herein for door hardware on doors in an accessible route. This project must comply with all Federal Americans with Disability Act regulations and all Local Accessibility Regulations.
- C. Pre-Installation Meetings
1. Keying Conference
 - a. Incorporate keying conference decisions into final keying schedule after reviewing door hardware keying system including:



- 1) Function of building, flow of traffic, purpose of each area, degree of security required, and plans for future expansion.
- 2) Preliminary key system schematic diagram.
- 3) Requirements for key control system.
- 4) Address for delivery of keys.

2. Pre-installation Conference

- a. Review and finalize construction schedule and verify availability of materials, Installer's personnel, equipment, and facilities needed to make progress and avoid delays.
- b. Inspect and discuss preparatory work performed by other trades.
- c. Review required testing, inspecting, and certifying procedures.
- d. Review questions or concerns related to proper installation and adjustment of door hardware.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Inventory door hardware on receipt and provide secure lock-up for hardware delivered to Project site. Promptly replace products damaged during shipping.
- B. Tag each item or package separately with identification coordinated with final door hardware schedule, and include installation instructions, templates, and necessary fasteners with each item or package. Deliver each article of hardware in manufacturer's original packaging.
- C. Maintain manufacturer-recommended environmental conditions throughout storage and installation periods.
- D. Provide secure lock-up for door hardware delivered to Project. Control handling and installation of hardware items so that completion of Work will not be delayed by hardware losses both before and after installation.
- E. Handle hardware in manner to avoid damage, marring, or scratching. Correct, replace or repair products damaged during Work. Protect products against malfunction due to paint, solvent, cleanser, or any chemical agent.
- F. Deliver keys to manufacturer of key control system for subsequent delivery to Owner.

1.06 COORDINATION

- A. Coordinate layout and installation of floor-recessed door hardware with floor construction. Cast anchoring inserts into concrete.
- B. Installation Templates: Distribute for doors, frames, and other work specified to be factory or shop prepared. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing door hardware to comply with indicated requirements.

1.07 WARRANTY

- A. Manufacturer's standard form in which manufacturer agrees to repair or replace components of door hardware that fail in materials or workmanship within published warranty period.
 1. Warranty does not cover damage or faulty operation due to improper installation, improper use or abuse.
 2. Warranty Period: Beginning from date of Substantial Completion, for durations indicated in manufacturer's published listings.
 - a. Mechanical Warranty
 - 1) Locks
 - a) Schlage L Series: 10 years



- 2) Closers
 - a) LCN 4000 Series: 30 years

1.08 MAINTENANCE

- A. Furnish complete set of special tools required for maintenance and adjustment of hardware, including changing of cylinders.
- B. Turn over unused materials to Owner for maintenance purposes.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. Approval of alternate manufacturers and/or products other than those listed as "Scheduled Manufacturer" or "Acceptable Manufacturers" in the individual article for the product category are only to be considered by official substitution request in accordance with section 01 25 00.
- B. Approval of products from manufacturers indicated in "Acceptable Manufacturers" is contingent upon those products providing all functions and features and meeting all requirements of scheduled manufacturer's product.
- C. Where specified hardware is not adaptable to finished shape or size of members requiring hardware, furnish suitable types having same operation and quality as type specified, subject to Architect's approval.

2.02 MATERIALS

- A. Fabrication
 - 1. Provide door hardware manufactured to comply with published templates generally prepared for machine, wood, and sheet metal screws. provide screws according to manufacturer's recognized installation standards for application intended.
 - 2. Finish exposed screws to match hardware finish, or, if exposed in surfaces of other work, to match finish of this other work including prepared for paint surfaces to receive painted finish.
 - 3. Provide concealed fasteners wherever possible for hardware units exposed when door is closed. Coordinate with "Metal Doors and Frames", "Flush Wood Doors", "Stile and Rail Wood Doors" to ensure proper reinforcements. Advise the Architect where visible fasteners, such as thru bolts, are required.
- B. Provide screws, bolts, expansion shields, drop plates and other devices necessary for hardware installation.
 - 1. Where fasteners are exposed to view: Finish to match adjacent door hardware material.

2.03 HINGES

- A. Manufacturers and Products:
 - 1. Scheduled Manufacturer and Product:
 - a. Ives 5BB series
 - 2. Acceptable Manufacturers and Products:
 - a. Hager BB1191/1279 series
 - b. McKinney TB series
 - c. Best FBB series



B. Requirements:

1. Provide hinges conforming to ANSI/BHMA A156.1.
2. Provide five knuckle, ball bearing hinges.
3. 1-3/4 inch (44 mm) thick doors, up to and including 36 inches (914 mm) wide:
 - a. Exterior: Standard weight, bronze or stainless steel, 4-1/2 inches (114 mm) high
 - b. Interior: Standard weight, steel, 4-1/2 inches (114 mm) high
4. 1-3/4 inch (44 mm) thick doors over 36 inches (914 mm) wide:
 - a. Exterior: Heavy weight, bronze/stainless steel, 5 inches (127 mm) high
 - b. Interior: Heavy weight, steel, 5 inches (127 mm) high
5. 2 inches or thicker doors:
 - a. Exterior: Heavy weight, bronze or stainless steel, 5 inches (127 mm) high
 - b. Interior: Heavy weight, steel, 5 inches (127 mm) high
6. Adjust hinge width for door, frame, and wall conditions to allow proper degree of opening.
7. Provide three hinges per door leaf for doors 90 inches (2286 mm) or less in height, and one additional hinge for each 30 inches (762 mm) of additional door height.
8. Hinge Pins: Except as otherwise indicated, provide hinge pins as follows:
 - a. Steel Hinges: Steel pins
 - b. Non-Ferrous Hinges: Stainless steel pins
 - c. Out-Swinging Exterior Doors: Non-removable pins
 - d. Out-Swinging Interior Lockable Doors: Non-removable pins
 - e. Interior Non-lockable Doors: Non-rising pins

2.04 MORTISE LOCKS (SCHLAGE)

A. Manufacturers and Products:

1. Scheduled Manufacturer and Product:
 - a. Schlage L9000 series
2. Acceptable Manufacturers and Products:
 - a. No Substitute - Match existing

B. Requirements:

1. Provide mortise locks conforming to ANSI/BHMA A156.13 Series 1000, Grade 1, and UL Listed for 3-hour fire doors.
2. Indicators: Where specified, provide indicator window measuring a minimum 2-inch x 1/2 inch with 180-degree visibility. Provide messages color-coded with full text and/or symbols, as scheduled, for easy visibility.
3. Provide locks manufactured from heavy gauge steel, containing components of steel with a zinc dichromate plating for corrosion resistance.
4. Provide lock case that is multi-function and field reversible for handing without opening case. Cylinders: Refer to "KEYING" article, herein.
5. Provide locks with standard 2-3/4 inches (70 mm) backset with full 3/4 inch (19 mm) throw stainless steel mechanical anti-friction latchbolt. Provide deadbolt with full 1-inch (25 mm) throw, constructed of stainless steel.
6. Provide standard ASA strikes unless extended lip strikes are necessary to protect trim.



7. Provide electrified options as scheduled in the hardware sets. Where scheduled, provide switches and sensors integrated into the locks and latches. Provide motor based electrified and motor based latch retraction locksets that comply with the following requirements:
 - a. Universal input voltage – single chassis accepts 12 or 24VDC to allow for changes in the field without changing lock chassis.
 - b. Fail Safe/Fail Secure – changing mode between electrically locked (fail safe) and electrically unlocked (fail secure) is field selectable without opening the lock case
 - c. Low maximum current draw – maximum 0.4 amps (Lever control) and maximum 2.0 amps (Latch retraction) to allow for multiple locks on a single power supply.
 - d. Low holding current (Lever control or latch retraction) – maximum 0.01 amps to produce minimal heat, eliminate “hot levers” in electrically locked applications and motorized latch retraction applications, and to provide reliable operation in wood doors that provide minimal ventilation and air flow.
 - e. Connections – provide quick-connect Molex system standard.
8. (OPTION Key Override) Provide locks with a key override feature built into the chassis that allows the outside key to retract the deadbolt and/or latchbolt, overriding the inside thumbturn when it is being held in the locked position - where the XL13-439 option is specified in the hardware sets.
9. Lever Trim: Solid brass, bronze, or stainless steel, cast or forged in design specified, with wrought roses and external lever spring cages. Provide thru-bolted levers with 2-piece spindles.
 - a. (OPTION Vandlgard) Provide levers with vandal resistant technology for use at heavy traffic or abusive applications.
 - b. Lever Design: Match Existing.

2.05 CYLINDERS

- A. Manufacturers:
 1. Scheduled Manufacturer and Product:
 - a. SUPPLIED BY OWNER

2.06 DOOR CLOSERS

- A. Manufacturers and Products:
 1. Scheduled Manufacturer and Product:
 - a. LCN 4040XP series
 2. Acceptable Manufacturers and Products:
 - a. No Substitute - Match Existing
- B. Requirements:
 1. Provide door closers conforming to ANSI/BHMA A156.4 Grade 1 requirements by BHMA certified independent testing laboratory. ISO 9000 certify closers. Stamp units with date of manufacture code.
 2. Provide door closers with fully hydraulic, full rack and pinion action with high strength cast iron cylinder, and full complement bearings at shaft.



3. Cylinder Body: 1-1/2-inch (38 mm) diameter piston with 5/8-inch (16 mm) diameter double heat-treated pinion journal. QR code with a direct link to maintenance instructions.
4. Hydraulic Fluid: Fireproof, passing requirements of UL10C, and requiring no seasonal closer adjustment for temperatures ranging from 120 degrees F to -30 degrees F.
5. Spring Power: Continuously adjustable over full range of closer sizes, and providing reduced opening force as required by accessibility codes and standards. Provide snap-on cover clip, with plastic covers, that secures cover to spring tube.
6. Hydraulic Regulation: By tamper-proof, non-critical valves, with separate adjustment for latch speed, general speed, and backcheck. Provide graphically labelled instructions on the closer body adjacent to each adjustment valve. Provide positive stop on reg valve that prevents reg screw from being backed out.
7. Provide closers with solid forged steel main arms and factory assembled heavy-duty forged forearms for parallel arm closers.
8. Pressure Relief Valve (PRV) Technology: Not permitted.
9. Finish for Closer Cylinders, Arms, Adapter Plates, and Metal Covers: Powder coating finish which has been certified to exceed 100 hours salt spray testing as described in ANSI Standard A156.4 and ASTM B117, or has special rust inhibitor (SRI).
10. Provide special templates, drop plates, mounting brackets, or adapters for arms as required for details, overhead stops, and other door hardware items interfering with closer mounting.
11. Closers shall be capable of being upgraded by adding modular mechanical or electronic components in the field.

2.07 PROTECTION PLATES

A. Manufacturers:

1. Scheduled Manufacturer:
 - a. Ives
2. Acceptable Manufacturers:
 - a. Burns
 - b. Trimco
 - c. Rockwood

B. Requirements:

1. Provide protection plates with a minimum of 0.050 inch (1 mm) thick, beveled four edges as scheduled. Furnish with sheet metal or wood screws, finished to match plates.
2. Sizes plates 2 inches (51 mm) less width of door on single doors, pairs of doors with a mullion, and doors with edge guards. Size plates 1 inch (25 mm) less width of door on pairs without a mullion or edge guards.
3. At fire rated doors, provide protection plates over 16 inches high with UL label.

2.08 DOOR STOPS AND HOLDERS

A. Manufacturers:

1. Scheduled Manufacturer:
 - a. Ives
2. Acceptable Manufacturers:
 - a. Burns



- b. Trimco
- c. Rockwood

B. Provide door stops at each door leaf:

1. Provide wall stops wherever possible. Provide concave type where lockset has a push button or thumbturn.
2. Where a wall stop cannot be used, provide universal floor stops.
3. Where wall or floor stop cannot be used, provide overhead stop.
4. Provide roller bumper where doors open into each other and overhead stop cannot be used.

2.09 THRESHOLDS, SEALS, DOOR SWEEPS, AUTOMATIC DOOR BOTTOMS, AND GASKETING

A. Manufacturers:

1. Scheduled Manufacturer:
 - a. Zero International
2. Acceptable Manufacturers:
 - a. National Guard
 - b. Reese
 - c. DHSI
 - d. Legacy
 - e. Pemko

B. Requirements:

1. Provide thresholds, weather-stripping, and gasketing systems as specified and per architectural details. Match finish of other items.
2. Smoke- and Draft-Control Door Assemblies: Where smoke- and draft-control door assemblies are required, provide door hardware that meets requirements of assemblies tested according to UL 1784 and installed in compliance with NFPA 105.
3. Provide door sweeps, seals, astragals, and auto door bottoms only of type where resilient or flexible seal strip is easily replaceable and readily available.
4. Size thresholds 1/2 inch (13 mm) high by 5 inches (127 mm) wide by door width unless otherwise specified in the hardware sets or detailed in the drawings.

2.10 SILENCERS

A. Manufacturers:

1. Scheduled Manufacturer:
 - a. Ives
2. Acceptable Manufacturers:
 - a. Burns
 - b. Rockwood
 - c. Trimco

B. Requirements:



1. Provide "push-in" type silencers for hollow metal or wood frames.
2. Provide one silencer per 30 inches (762 mm) of height on each single frame, and two for each pair frame.
3. Omit where gasketing is specified.

2.11 FINISHES

- A. FINISH: BHMA 613/640 (US10B); EXCEPT:
1. Door Closers: Powder Coat to Match.
 2. Latch Protectors: US32D (BHMA 630).
 3. Weatherstripping: Dark Bronze Anodized Aluminum.
 4. Thresholds: Extruded Architectural Bronze, Oil-Rubbed

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Prior to installation of hardware, examine doors and frames, with Installer present, for compliance with requirements for installation tolerances, labeled fire-rated door assembly construction, wall and floor construction, and other conditions affecting performance. Verify doors, frames, and walls have been properly reinforced for hardware installation.
- B. Submit a list of deficiencies in writing and proceed with installation only after unsatisfactory conditions have been corrected.

3.02 INSTALLATION

- A. Mount door hardware units at heights to comply with the following, unless otherwise indicated or required to comply with governing regulations.
1. Standard Steel Doors and Frames: ANSI/SDI A250.8.
 2. Custom Steel Doors and Frames: HMMA 831.
 3. Interior Architectural Wood Flush Doors: ANSI/WDMA I.S. 1A
 4. Installation Guide for Doors and Hardware: DHI TDH-007-20
- B. Install door hardware in accordance with NFPA 80, NFPA 101 and provide post-install inspection, testing as specified in section 1.03.E unless otherwise required to comply with governing regulations.
- C. Install each hardware item in compliance with manufacturer's instructions and recommendations, using only fasteners provided by manufacturer.
- D. Do not install surface mounted items until finishes have been completed on substrate. Protect all installed hardware during painting.
- E. Set units level, plumb and true to line and location. Adjust and reinforce attachment substrate as necessary for proper installation and operation.
- F. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.
- G. Install operating parts so they move freely and smoothly without binding, sticking, or excessive clearance.
- H. Hinges: Install types and in quantities indicated in door hardware schedule but not fewer than quantity recommended by manufacturer for application indicated.
- I. Door Closers & Auto Operators: Mount closers/operators on room side of corridor doors, inside of exterior doors, and stair side of stairway doors from corridors. Mount closers/operators so they are not visible in corridors, lobbies and other public spaces unless approved by Architect.
- J. Overhead Stops/ HOLDERS: Mount overhead stops/holders on room side of corridor doors, inside of exterior doors, and stair side of stairway doors.



- K. Thresholds: Set thresholds in full bed of sealant complying with requirements specified in Division 07 Section "Joint Sealants."
- L. Stops: Provide floor stops for doors unless wall or other type stops are indicated in door hardware schedule. Do not mount floor stops where they may impede traffic or present tripping hazard.
- M. Perimeter Gasketing: Apply to head and jamb, forming seal between door and frame.
- N. Meeting Stile Gasketing: Fasten to meeting stiles, forming seal when doors are closed.
- O. Door Bottoms and Sweeps: Apply to bottom of door, forming seal with threshold when door is closed.

3.03 ADJUSTING

- A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.
 - 1. Spring Hinges: Adjust to achieve positive latching when door can close freely from an open position of 30 degrees.
 - 2. Door Closers: Adjust sweep period to comply with accessibility requirements and requirements of authorities having jurisdiction.
- B. Occupancy Adjustment: Approximately three to six months after date of Substantial Completion, examine and readjust each item of door hardware, including adjusting operating forces, as necessary to ensure function of doors and door hardware.

3.04 CLEANING AND PROTECTION

- A. Clean adjacent surfaces soiled by door hardware installation.
- B. Clean operating items per manufacturer's instructions to restore proper function and finish.
- C. Provide final protection and maintain conditions that ensure door hardware is without damage or deterioration at time of Substantial Completion.

3.05 DOOR HARDWARE SCHEDULE

- A. The intent of the hardware specification is to specify the hardware for interior and exterior doors, and to establish a type, continuity, and standard of quality. However, it is the door hardware supplier's responsibility to thoroughly review existing conditions, schedules, specifications, drawings, and other Contract Documents to verify the suitability of the hardware specified.
- B. Discrepancies, conflicting hardware, and missing items are to be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application.
- C. Hardware items are referenced in the following hardware schedule. Refer to the above specifications for special features, options, cylinders/keying, and other requirements.
- D. Hardware Sets:



Abbreviation	Name
IVE	H.B. Ives
LCN	LCN Commercial Division
SCH	Schlage Lock Company
ZER	Zero International Inc

127505 OPT0410940 Version 1

HW SET: 01 - OFFICE

For use on Door #(s):

342-01	342-02	342-03	342-04	342-05	342-06
342-07	342-08	342-09	342-10	342-11	386
390	392				

Each to have:

3	EA	HINGE	3CB1 4.5 X 4.5		613	IVE
1	EA	OFFICE W/SIM RETRACT	LV9056L OMEA L583-363		613	SCH
1	EA	MORTISE CYLINDER	BY OWNER		613	
1	EA	WALL STOP	WS401/402CCV		613	IVE
1	EA	GASKETING	488SBK PSA		BK	ZER

HW SET: 02 - P/P

For use on Door #(s):

384A	384B
------	------

Each to have:

3	EA	HINGE	5BB1 4.5 X 4.5		613	IVE
1	EA	PASSAGE SET	L9010 OMEA		613	SCH
1	EA	SURFACE CLOSER	4040XP EDA MC		690	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS		613	IVE
1	EA	WALL STOP	WS401/402CCV		613	IVE
3	EA	SILENCER	SR64		GRY	IVE

VERIFY EXISTING HINGE PREPS AT EXISTING DOOR / FRAME LOCATIONS



Door Numbers	HwSet#
329B-EX	03
337-EX	EX1
340-EX	EX1
342-01	01
342-02	01
342-03	01
342-04	01
342-05	01
342-06	01
342-07	01
342-08	01
342-09	01
342-10	01
342-11	01
344-EX	EX1
384A	02
384B	02
386	01
388-EX	EX1
390	01
392	01



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BRIGHAM YOUNG UNIVERSITY

ADDENDUM RECEIPT

DATE: February 20, 2025

PROJECT: Wheatley Institute Third Floor Renovation

PROJ. #: WO #M9243

We acknowledge receipt of Addendum Number 02.

COMPANY: _____

BY: _____

TITLE: _____

PLEASE EMAIL SIGNED RECEIPT TO construction@byu.edu