



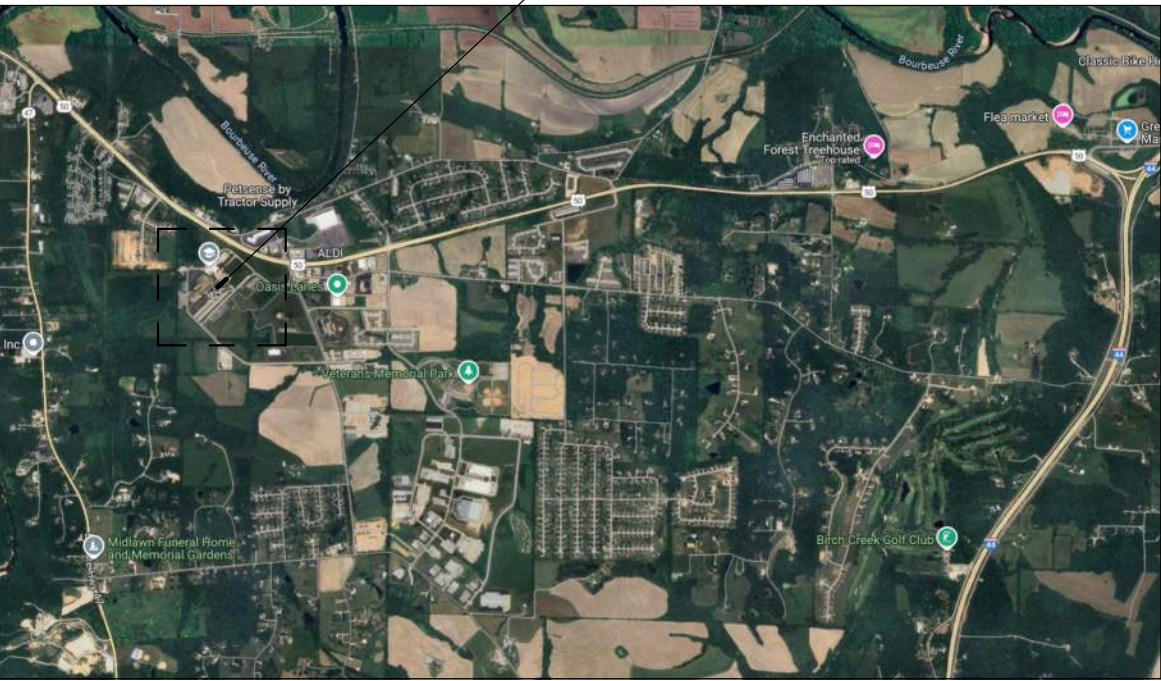
# East Central College

## Respiratory Care Program

### Health & Science Building

#### Union, MO 63804

VICINITY MAP



LOCATOR MAP



#### DRAWING INDEX

DRAWING NUMBER	SHEET NAME	CURRENT REV	90% DD SET	90% CD SET	100% CD SET
GENERAL					
G-000	COVER SHEET	1	X	X	X
G-001	SYMBOLS AND ABBREVIATIONS		X	X	X
G-002	GENERAL NOTES		X	X	X
G-003	ACCESSIBILITY LEGEND - GENERAL		X	X	X
DEMOLITION					
D-111	DEMOLITION PLANS - FIRST FLOOR		X	X	X
ARCHITECTURAL					
A-001	PARTITION TYPES & LIFE SAFETY PLAN		X	X	X
A-111	FLOOR & CEILING PLANS - FIRST FLOOR		X	X	X
A-131	FINISH & FURNITURE PLANS, FINISH LEGEND		X	X	X
A-600	DOOR SCHEDULE / DOOR AND FRAME TYPES		X	X	X
A-801	ELEVATIONS, ENLARGED FLOOR PLANS, AND DETAILS - INTERIOR	1	X	X	X
A-901	3D RENDERINGS AND IMAGERY		X	X	X
A-902	PHOTOS		X	X	X
MECHANICAL					
M000	MECHANICAL COVERSHEET		X	X	X
MP101	LEVEL 01 DEMOLITION PLAN - PIPING		X	X	X
MV101	LEVEL 01 DEMOLITION PLAN - VENTILATION		X	X	X
MP201	LEVEL 01 PLAN - PIPING		X	X	X
MV201	LEVEL 01 PLAN - VENTILATION		X	X	X
M400	MECHANICAL DETAILS		X	X	X
M401	MECHANICAL DETAILS		X	X	X
M600	MECHANICAL SCHEDULES				X
ELECTRICAL					
E000	ELECTRICAL COVERSHEET		X	X	X
E001	ELECTRICAL LIGHTING COVERSHEET		X	X	X
E101	LEVEL 01 DEMOLITION PLAN - ELECTRICAL		X	X	X
E201	LEVEL 01 PLANS		X	X	X
E400	ELECTRICAL DETAILS		X	X	X
E600	ELECTRICAL SCHEDULES		X	X	X
TECHNOLOGY					
T000	TECHNOLOGY COVERSHEET		X	X	X
T101	LEVEL 01 DEMOLITION PLAN - TECHNOLOGY		X	X	X
T201	LEVEL 01 PLAN - TECHNOLOGY		X	X	X
T400	TECHNOLOGY DETAILS		X	X	X
T600	TECHNOLOGY SCHEDULES		X	X	X
PLUMBING					
P000	PLUMBING COVERSHEET		X	X	X
P101	LEVEL 01 DEMOLITION PLAN - PLUMBING		X	X	X
P201	LEVEL 01 PLAN - PLUMBING		X	X	X
P400	PLUMBING DETAILS		X	X	X
P600	PLUMBING SCHEDULES		X	X	X
FIRE PROTECTION					
F000	FIRE PROTECTION COVERSHEET		X	X	X
F101	LEVEL 01 DEMOLITION PLAN - FIRE PROTECTION		X	X	X
F201	LEVEL 01 PLAN - FIRE PROTECTION		X	X	X
F400	FIRE PROTECTION DETAILS		X	X	X

#### NOTES TO BIDDERS

- GENERAL CONTRACTOR IS RESPONSIBLE FOR DISTRIBUTING ALL CONTRACT DOCUMENTS TO BIDDERS. SUBMISSION OF BID INDICATES RECEIPT OF ALL BID DOCUMENTS. CHANGE ORDERS WILL NOT BE ACCEPTED FOR ITEMS OMITTED FROM BID FORM THAT WERE INCLUDED IN BID DOCUMENTS.
  - BIDS TO INCLUDE GROUND PENETRATING RADAR OF EXISTING FLOOR SLAB FOR ALL PROPOSED PENETRATIONS.
- ALLOWANCES: REFERENCE DIVISION 00 OF SPECIFICATIONS.
- SUBSTITUTIONS: BIDS SUBMITTED WITH DEVIATIONS FROM SPECIFIED PRODUCTS WILL NOT BE ACCEPTED UNLESS PROPOSED SUBSTITUTIONS ARE APPROVED IN WRITING BY ARCHITECT. ALL SUBSTITUTIONS MUST BE SUBMITTED IN WRITING AT LEAST ONE WEEK PRIOR TO SUBMISSION OF BIDS.

#### UNIT PRICES

- FINISH AND INSTALL FULL BEAD BLAST FLOOR MITIGATION (COMPATIBLE WITH FLOORING PRODUCTS/ADHESIVES) ON NEW AND EXISTING CONCRETE SLABS.
- FURNISH AND INSTALL ENHANCED FLOORING ADHESIVE CAPABLE OF WITHSTANDING UP TO 98% RELATIVE HUMIDITY OF SLABS (COMPATIBLE WITH FLOORING PRODUCTS) ON NEW AND EXISTING CONCRETE SLABS.
- MISCELLANEOUS WALL PATCHING
- ACOUSTICAL CEILING TILE REMOVAL AND REPLACEMENT IN AREAS OUTSIDE OF THE MAIN PROJECT AREA (PER SF)
- PERFORM MOISTURE TESTING ON FLOOR TO DETERMINE IF EXTENSIVE FLOOR PREP IS REQUIRED (PER SF)
- DRYWALL CEILING REMOVAL AND REPLACEMENT IN AREAS OUTSIDE OF THE MAIN PROJECT AREA (PER SF)
- INFILL FLOOR BOX RECESSES IN SLAB WITH CEMENTITIOUS PATCH (PER EACH)

#### CODE INFORMATION

AUTHORITIES HAVING JURISDICTION:	UNION, MISSOURI UNION FIRE PROTECTION DISTRICT OF FRANKLIN COUNTY, MISSOURI
BUILDING CODE:	INTERNATIONAL BUILDING CODE, 2021 EDITION
ACCESSIBILITY:	AMERICANS WITH DISABILITIES ACT ICC/ANSI A117.1, REFERENCED BY BUILDING CODE
EXISTING BUILDING CODE:	INTERNATIONAL EXISTING BUILDING CODE, 2021 EDITION
FIRE PREVENTION:	INTERNATIONAL FIRE PREVENTION CODE, 2021 EDITION
MECHANICAL:	INTERNATIONAL MECHANICAL CODE, 2021 EDITION
ELECTRICAL:	NEC 2020 ELECTRICAL CODE
PLUMBING:	INTERNATIONAL PLUMBING CODE, 2021 EDITION
PROPERTY MAINTENANCE:	INTERNATIONAL PROPERTY MAINTENANCE CODE, 2021 EDITION
ENERGY:	INTERNATIONAL ENERGY CONSERVATION CODE, 2021 EDITION
GAS:	INTERNATIONAL FUEL GAS CODE, 2021 EDITION
2018 INTERNATIONAL EXISTING BUILDING CODE WORK AREA COMPLIANCE METHOD ALTERATIONS - LEVEL 2	

#### BUILDING INFORMATION

USE GROUPS:  
NON-SEPARATED, MIXED USE  
B BUSINESS  
A-3 ASSEMBLY  
S-2 STORAGE

CONSTRUCTION TYPE:  
4 STORIES, TYPE IIB FULLY SPRINKLERED

SEISMIC CATEGORY:  
C REFER TO CISCA GUIDELINES FOR REQUIREMENTS

OCCUPANT LOAD:		
FLOOR	ACTUAL GSF	OCCUPANTS
FIRST	24,630 SF	
AREA OF RENOVATION	2,848 SF	67

#### RATINGS

ELEMENT:	RATING:
PRIMARY STRUCTURAL FRAME	0 HOUR
BEARING WALLS	
-EXTERIOR	0 HOUR
-INTERIOR	0 HOUR
NON-BEARING WALLS	
-EXTERIOR	0 HOUR
-INTERIOR	0 HOUR
FLOOR CONSTRUCTION	0 HOUR
ROOF CONSTRUCTION	0 HOUR
CORRIDOR	0 HOUR
DOORS	
-IN 1 HOUR FIRE BARRIER	60 MINUTE
-IN 2 HOUR FIRE BARRIER	90 MINUTE
SHAFT/STAIRWELL	1 HOUR

#### BUILDING OWNER

EAST CENTRAL COLLEGE  
1964 PRAIRIE DELL ROAD  
UNION, MO 63804  
T (636) 584-6500

#### OWNER'S REPRESENTATIVE

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T (618) 960-4116  
E ryan@navigatebuildingsolutions.com  
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#### ARCHITECT OF RECORD

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#### ARCHITECT OF RECORD:

MISSOURI STATE CERTIFICATE OF AUTHORITY #00240198

MICHAEL J. RATLIFF

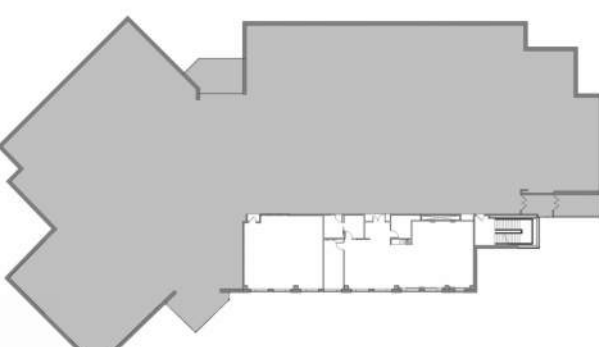
MO #6850

ISSUE DATE	DESCRIPTION
12/12/2024	90% DD SET
01/21/2025	90% CD SET
01/30/2025	100% CD SET

#### Revision Schedule

No.	Date	Description
1	2/24/25	[BID ADDENDUM #3

Key Plan:

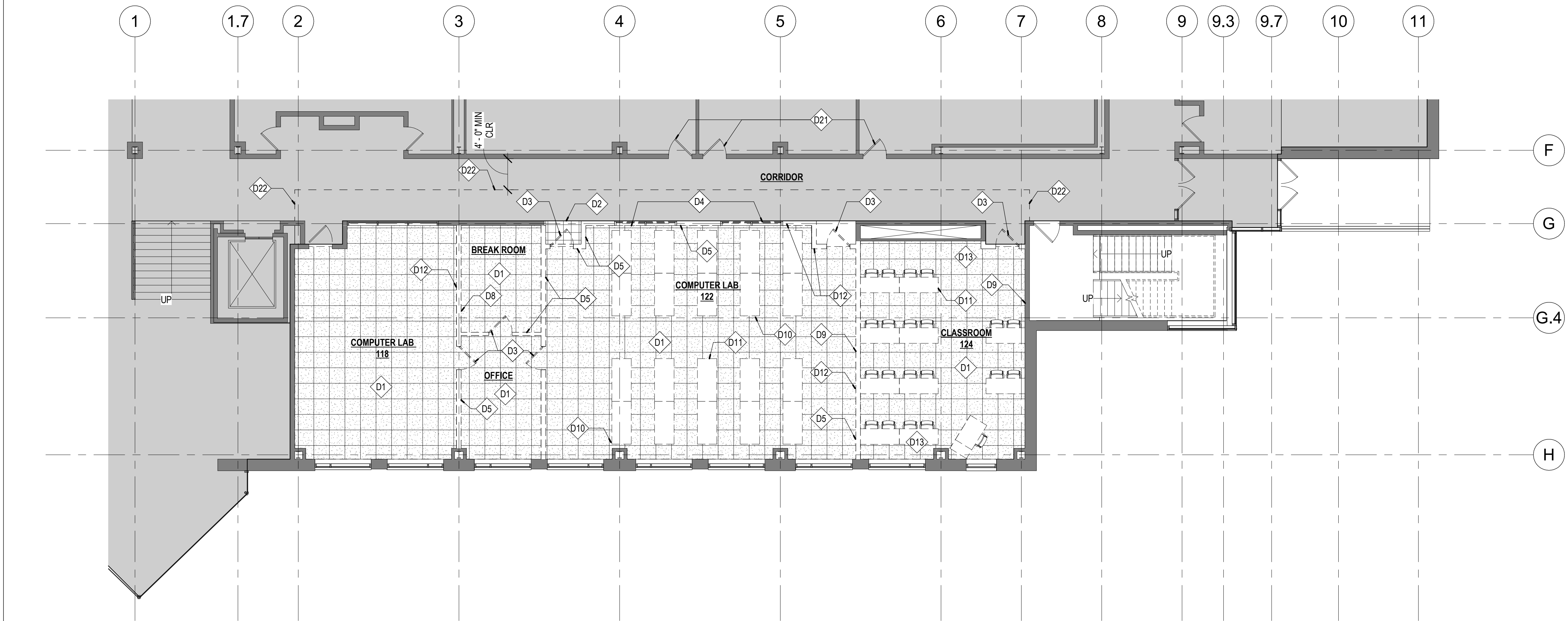


Project Number: 24-3465.00

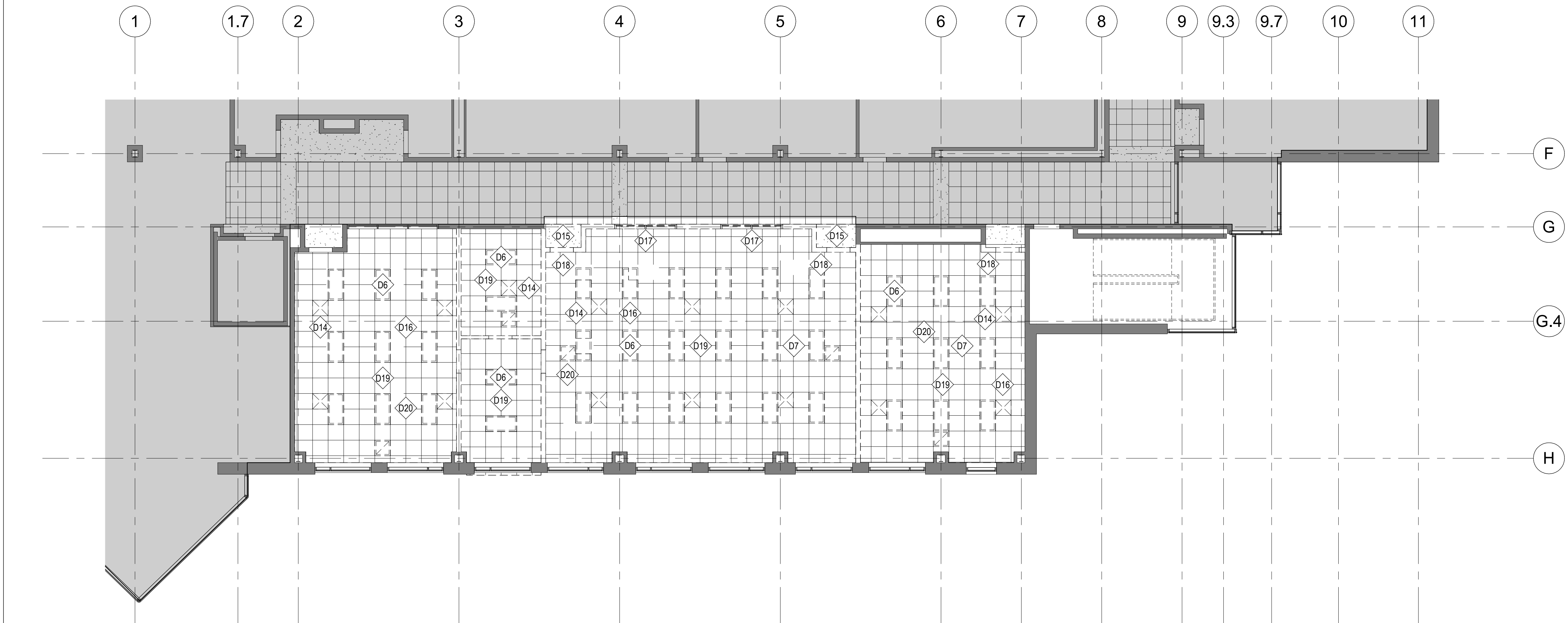
Sheet  
COVER SHEET

G-000





6 DEMOLITION PLAN - FIRST FLOOR  
D-111 1/8" = 1'-0"



16 DEMO REFLECTED CEILING PLAN - FIRST FLOOR  
D-111 1/8" = 1'-0"

#### GENERAL NOTES: DEMOLITION

1. PROVIDE TEMPORARY BARRICADES AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT OWNER'S AND CLIENT'S PERSONNEL AND GENERAL PUBLIC FROM INJURY DUE TO SELECTIVE DEMOLITION WORK.
2. ERECT AND MAINTAIN DUST-PROOF PARTITIONS AND CLOSURES AS REQUIRED TO PREVENT SPREAD OF DUST OR FUMES TO OCCUPIED PORTIONS OF THE BUILDING. PROTECT MECHANICAL SYSTEM AS REQUIRED.
3. CONDUCT SELECTIVE DEMOLITION OPERATIONS AND DEBRIS REMOVAL IN A MANNER TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES.
4. PROVIDE BYPASS CONNECTIONS AS NECESSARY TO MAINTAIN CONTINUITY OF SERVICE TO OCCUPIED AREAS OF THE BUILDING.
5. REVIEW/COORDINATE SCHEDULE OF WORK TO BE DEMOLISHED WITH BUILDING MANAGEMENT TO LIMIT INTERRUPTIONS OF OWNER OCCUPIED SPACES.
6. MAINTAIN FIRE PROTECTION SERVICES DURING SELECTIVE DEMOLITION.
7. COVER AND PROTECT EQUIPMENT AND FIXTURES INDICATED "TO REMAIN" FROM SOILAGE OR DAMAGE.
8. LOCATE, IDENTIFY, STUB OFF, AND DISCONNECT UTILITY SERVICES THAT ARE NOT INDICATED TO REMAIN.
9. PERFORM SELECTIVE DEMOLITION WORK IN A SYSTEMATIC MANNER.
10. WHERE INDICATED ON DRAWINGS AS "SALVAGE AND STORE," CAREFULLY REMOVE INDICATED ITEMS, CLEAN, STORE, AND REUSE AS REQUIRED. DELIVER UNUSED ITEMS AT COMPLETION OF PROJECT TO CLIENT.
11. WHERE INDICATED ON DRAWINGS AS "SALVAGE AND DELIVER TO OWNER," CAREFULLY REMOVE INDICATED ITEMS, CLEAN, STORE, AND RETURN TO OWNER.
12. UNO REMOVE ALL EXISTING FLOORING (CARPET TILE, BROADLOOM CARPET, RESILIENT FLOORING, VINYL COMPOSITION TILE, CERAMIC TILE, STONE TILE, ALL BASE, ETC.) WITHIN SCOPE OF WORK AREA. CLEAN AND PREPARE CONCRETE SLAB FLOOR AREA TO RECEIVE NEW FLOORING MATERIALS, INCLUDING REMOVAL OR SEALING OF ANY REMAINING EXISTING ADHESIVE AS REQUIRED, PATCHING CRACKS, AND LEVELING OF FLOOR TO MEET REQUIRED TOLERANCES FOR SCHEDULED FINISHES. PERFORM MOISTURE TESTING ON FLOOR TO DETERMINE IF EXTENSIVE FLOOR PREP IS REQUIRED.
13. UNO REMOVE ALL EXISTING WALLS, PARTITIONS, PANELS, SHELVING, CASEWORK, GLASS, ETC.
14. UNO ALL EXISTING PARTITIONS, FIRE EXTINGUISHERS AND CABINETS, MILLWORK, DOORS, HARDWARE, SIDELITES, ETC. TO REMAIN.
15. REMOVE ALL HEADERS AT DOOR LOCATIONS WHERE DOORS ARE INDICATED TO BE REMOVED. REMOVE AND RETURN TO OWNER ALL WALL-MOUNTED TACKBOARDS, WHITEBOARDS, FABRIC-WRAPPED PANELS, ETC. IN ALL ROOMS IN SCOPE OF WORK.
16. REMOVE ALL EXISTING ACOUSTICAL CEILING TILE AND GRID, DRYWALL CEILINGS, COVES, ALL CEILING SUSPENSION SYSTEMS, AND ALL CEILING ELEMENTS INSTALLED IN CEILINGS.
17. UNO REMOVE ALL EXISTING LIGHT FIXTURES.
18. WHERE WALLS OR PARTITIONS ARE TO BE REMOVED, REMOVE OR RELOCATE ALL EXISTING ELECTRICAL WIRING, DATA CABLING, TELEPHONE LINES, CABLE LINES, SATELLITE LINES, CONDUIT, WIRE MOLD, RECEPTACLES AND SWITCH BOXES, ETC. LOCATED WITHIN DEMOLISHED PORTIONS.
19. REMOVE ELECTRICAL TERMINATIONS, BOXES, CONDUIT, AND WIRING BACK TO SOURCE PANEL.
20. CONFIRM SCOPE OF REMOVAL REQUIRED FOR EXISTING DATA AND PHONE CABLING WITH BUILDING OWNER AND CLIENT.
21. COORDINATE WITH OWNER AND CLIENT TO DETERMINE PORTIONS OF EXISTING SECURITY SYSTEM TO REMAIN, TO BE MODIFIED, AND TO BE REMOVED. REFER TO FURNITURE/ELECTRICAL/COMMUNICATIONS REFERENCE DRAWINGS FOR ADDITIONAL INFORMATION.
22. UNO ALL EXISTING WINDOW TREATMENTS IN SCOPE OF WORK AREA TO REMAIN. REPAIR OR REPLACE ANY DAMAGED BLINDS WITH BUILDING STANDARD MANUFACTURER, STYLE, FUNCTION, MOUNTING METHOD, AND COLOR.
23. UNO REMOVE ALL EXISTING FLOOR OUTLETS AND ASSOCIATED WIRING, CABLING AND CONDUIT AND REPAIR FLOOR, MAINTAINING REQUIRED FLOOR ASSEMBLY RATING, TO BE FLUSH AND CONTINUOUS WITH ADJACENT FLOOR SURFACE, AS REQUIRED FOR NEW FINISH.
24. PREPARE EXISTING SLAB TO RECEIVE NEW FLOORING, INCLUDING REMOVAL OR SEALING OF ANY REMAINING EXISTING ADHESIVE AS REQUIRED.
25. REMOVE ALL EXISTING INTERIOR BUILDING SIGNAGE IN SCOPE OF WORK, INCLUDING BUT NOT LIMITED TO, ROOM SIGNAGE, DOOR SIGNAGE, ETC.
26. SALVAGE AND STORE ALL DOORS AND SIDELITES FOR POSSIBLE REUSE. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.
27. HAZARDOUS MATERIALS: CLIENT ACCEPTS SOLE RESPONSIBILITY FOR COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL LAWS RELATING TO THE ENVIRONMENT, INCLUDING BUT NOT LIMITED TO THE NATIONAL EMISSIONS STANDARDS FOR HAZARDOUS AIR POLLUTANTS AND THE OCCUPATIONAL SAFETY AND HEALTH ACT. THE ARCHITECT AND ARCHITECT'S CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL, OR DISPOSAL OF OR EXPOSURE OF PERSONS TO HAZARDOUS MATERIALS IN ANY FORM AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO ASBESTOS, ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB) OR OTHER TOXIC SUBSTANCES.

#### KEYED NOTES - DEMOLITION

- D1 REMOVE CARPETING AND WALL BASE; PREP FLOOR FOR NEW FINISH
- D2 REMOVE PORTION OF TILE FLOORING; CONTRACTOR TO PROTECT TILE NOT TO BE REMOVED
- D3 SALVAGE DOOR & FRAME AND DELIVER TO OWNER
- D4 REMOVE WINDOW ASSEMBLIES
- D5 REMOVE MTL STUD FRAME WALL
- D6 REMOVE LIGHT FIXTURES, TYP
- D7 SALVAGE PROJECTOR; TO BE REINSTALLED
- D8 SALVAGE ELECTRICAL PANELS FOR RELOCATION; REFERENCE ELEC DRAWINGS FOR MORE INFORMATION
- D9 SALVAGE WHITEBOARD; TO BE REINSTALLED
- D10 SALVAGE ALL FLOOR BOXES AND DELIVER TO OWNER; TYP OF 12 (VF)
- D11 SALVAGE FURNITURE; COORDINATE REMOVAL WITH OWNER
- D12 SALVAGE SWITCHES, THERMOSTATS, DATA PORTS & OUTLETS
- D13 SALVAGE A/V EQUIPMENT AND DELIVER TO OWNER
- D14 SALVAGE DIFFUSERS AND RETURN TO OWNER
- D15 REMOVE GYP BD SOFFIT
- D16 SALVAGE SPEAKERS AND DELIVER TO OWNER
- D17 SALVAGE BLINDS AND DELIVER TO OWNER
- D18 SALVAGE STROBES & EXIT SIGNAGE AND DELIVER TO OWNER
- D19 REMOVE ACT CEILING
- D20 SALVAGE WAP AND DELIVER TO OWNER
- D21 DOORS TO REMAIN ACCESSIBLE DURING CONSTRUCTION
- D22 LINE INDICATES LOCATION OF TEMPORARY BARRICADE

OWNER'S REPRESENTATIVE

NAVIGATE - (618) 960-4116

MECHANICAL ENGINEER

IMEG - (314) 257-0632

ELECTRICAL ENGINEER

IMEG - (314) 257-0632

PLUMBING ENGINEER

IMEG - (314) 257-0632

FIRE PROTECTION ENGINEER

IMEG - (314) 257-0632

TECHNOLOGY ENGINEER

IMEG - (314) 257-0632

#### ARCHITECT OF RECORD:

MISSOURI STATE CERTIFICATE OF AUTHORITY #03240198

MICHAEL J. RATLIFF

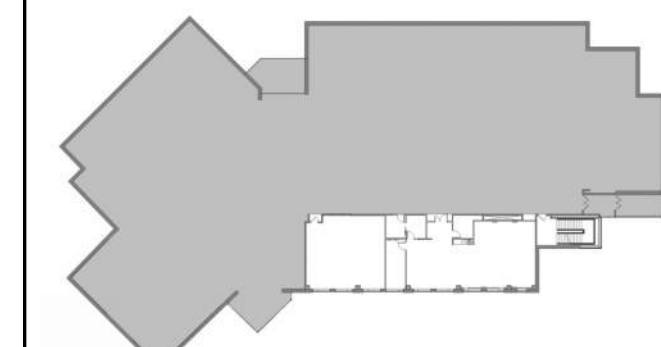
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ISSUE DATE	DESCRIPTION
12/12/2024	90% DD SET
01/21/2025	90% CD SET
01/30/2025	100% CD SET

#### Revision Schedule

No.	Date	Description
1	2/24/25	[BID ADDENDUM #3

Key Plan:



Project Number: 24-3465.00

Sheet  
DEMOLITION PLANS - FIRST FLOOR

D-111



## PARTITION TYPE LEGEND

BASIC MATERIAL:  
S - (METAL) STUD

### BASIC SIZE:

- 1 1/2" METAL HAT CHANNEL @ 16" OC
- 2 1/2" METAL STUD @ 16" OC
- 3 5/8" METAL STUD FRAMING @ 16" OC
- 4" STUD @ 16" OC
- 6" STUD @ 16" OC

### APPLIED LAYERS:

- A: 1 LAYER 5/8" GYPSUM BOARD  
B: 2 LAYERS 5/8" GYPSUM BOARD  
C: 1 LAYER 5/8" MOISTURE RESISTANT GYPSUM BOARD  
D: 1 HOUR SHAFTWALL CONSTRUCTION; 1 LAYER 5/8" TYPE 'X' GYPSUM BOARD ON ONE SIDE, 1 LAYER 1" FIRE-SHIELD SHAFT LINER FACE PANEL ON OTHER SIDE  
G: ACOUSTIC PARTITION; 1 LAYER OF 5/8" GYPSUM BOARD ON ONE SIDE, 1 LAYER OF 5/8" GYPSUM BOARD ON 1/2" RESILIENT CHANNELS @ 16" OC ON OTHER SIDE  
J: ACOUSTIC PARTITION; 1 LAYER OF 5/8" GYPSUM BOARD ON 1/2" RESILIENT CHANNELS @ 16" OC ON 1 LAYER 1/2" GYPSUM BOARD

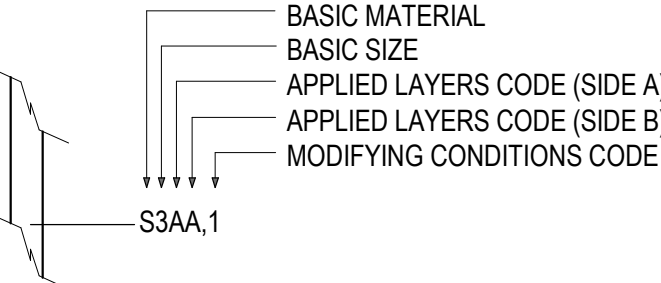
### MODIFYING CONDITIONS:

1. PROVIDE ACOUSTIC BATT INSULATION. FULL CAVITY WIDTH. FULL WALL HEIGHT. WHERE DOUBLE STUD WALL IS NOTED, PROVIDE SOUND ATTENUATION BLANKETS IN BOTH WALLS. ACOUSTICAL SEALANT AROUND PERIMETER & ALL PENETRATIONS
2. COMPLETE WALL ASSEMBLY EXTENDS TO CEILING. BRACE WALL TO STRUCTURE ABOVE WITH KICKERS OF SAME SIZE AND GAGE AT 48" OC MAX ON ALTERNATING SIDES OF WALL. SPLIT EXISTING CEILING TILES AS REQUIRED TO ACCOMMODATE BRACING
3. COMPLETE WALL ASSEMBLY EXTENDS TO 6" ABOVE HIGHEST ADJOINING CEILING. BRACE WALL TO STRUCTURE ABOVE WITH KICKERS OF SAME SIZE AND GAGE AT 48" OC MAX ON ALTERNATING SIDES OF WALL
4. COMPLETE WALL ASSEMBLY IS CONTINUOUS TO UNDERSIDE OF STRUCTURE ABOVE
5. RATED ASSEMBLY CONTINUOUS TO UNDERSIDE OF STRUCTURE ABOVE; PROVIDE FIRESTOPPING / FIRECAULKING IN LIEU OF ACOUSTICAL SEALANT AROUND PERIMETER & ALL PENETRATIONS
6. 1 LAYER OF GYPSUM BOARD / CEMENTITIOUS BOARD ON ONE SIDE AND STUD WALL ASSEMBLY EXTENDS TO UNDERSIDE OF STRUCTURE ABOVE. GYPSUM BOARD / CEMENTITIOUS BOARD EXTENDS TO 6" ABOVE ADJOINING CEILING ON OTHER SIDE

### PARTITION TYPE

PARTITION DESCRIPTION (PARTITION THICKNESS)	PARTITION FIRE RATING
	PARTITION STC RATING

### PARTITION TAG SYMBOL



## CODE INFORMATION

AUTHORITIES HAVING JURISDICTION: UNION, MISSOURI  
UNION FIRE PROTECTION DISTRICT OF FRANKLIN COUNTY, MISSOURI

BUILDING CODE: INTERNATIONAL BUILDING CODE, 2021 EDITION

ACCESSIBILITY: AMERICANS WITH DISABILITIES ACT  
ICC/ANSI A117.1, REFERENCED BY BUILDING CODE

EXISTING BUILDING CODE: INTERNATIONAL EXISTING BUILDING CODE, 2021 EDITION

FIRE PREVENTION: INTERNATIONAL FIRE PREVENTION CODE, 2021 EDITION

MECHANICAL: INTERNATIONAL MECHANICAL CODE, 2021 EDITION

ELECTRICAL: NEC 2020 ELECTRICAL CODE

PLUMBING: INTERNATIONAL PLUMBING CODE, 2021 EDITION

PROPERTY MAINTENANCE: INTERNATIONAL PROPERTY MAINTENANCE CODE, 2021 EDITION

ENERGY: INTERNATIONAL ENERGY CONSERVATION CODE, 2021 EDITION

GAS: INTERNATIONAL FUEL GAS CODE, 2021 EDITION

2018 INTERNATIONAL EXISTING BUILDING CODE WORK AREA COMPLIANCE METHOD ALTERATIONS - LEVEL 2

## BUILDING INFORMATION

USE GROUPS:  
NON-SEPARATED, MIXED USE  
B BUSINESS  
A-3 ASSEMBLY  
S-2 STORAGE

CONSTRUCTION TYPE:  
4 STORIES, TYPE IIB FULLY SPRINKLERED

SEISMIC CATEGORY:  
C REFER TO CISCA GUIDELINES FOR REQUIREMENTS

OCCUPANT LOAD:	ACTUAL GSF	OCCUPANTS
FLOOR	24,630 SF	
FIRST	2,848 SF	67

## RATINGS

ELEMENT:	RATING:
PRIMARY STRUCTURAL FRAME	0 HOUR
BEARING WALLS	
-EXTERIOR	0 HOUR
-INTERIOR	0 HOUR
NON-BEARING WALLS	
-EXTERIOR	0 HOUR
-INTERIOR	0 HOUR
FLOOR CONSTRUCTION	0 HOUR
ROOF CONSTRUCTION	0 HOUR
CORRIDOR	0 HOUR
DOORS	
-IN 1 HOUR FIRE BARRIER	60 MINUTE
-IN 2 HOUR FIRE BARRIER	90 MINUTE
SHAFT/STAIRWELL	1 HOUR

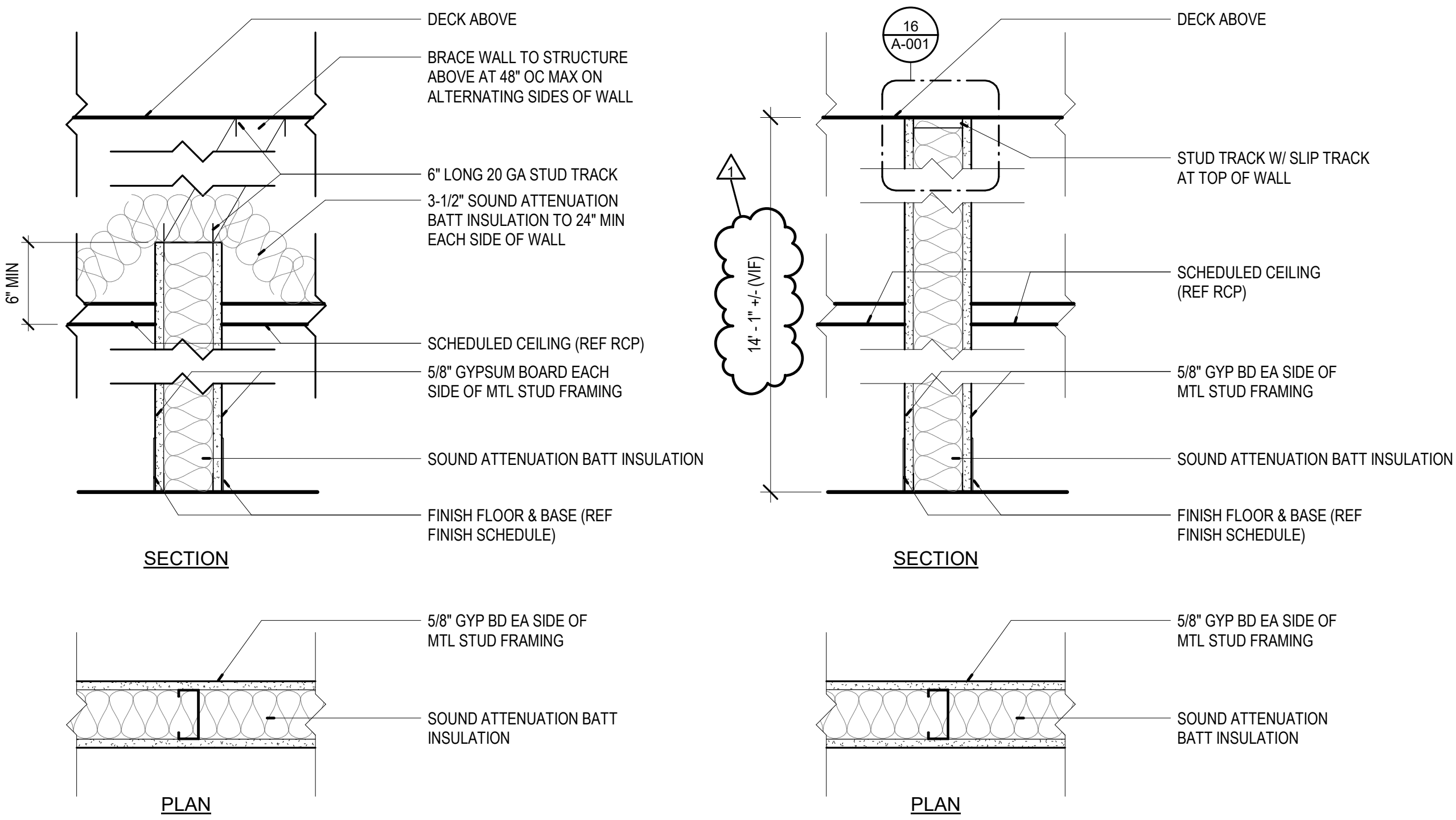
INTERIOR FRAMING LIMITING HEIGHTS					
STUD DEPTH	STUD DESIGN	STUD SPACING	DESIGN LIMIT	ALLOWABLE DEFLECTION	HEIGHT

20 GA					
1-5/8"	162S125-18/33	24" OC	5 PSF	L/240	8' - 9"
1-5/8"	162S125-18/33	16" OC	5 PSF	L/240	9' - 8"
2-1/2"	250S125-18/33	24" OC	5 PSF	L/240	11' - 7"
2-1/2"	250S125-18/33	16" OC	5 PSF	L/240	12' - 10"
3-5/8"	362S125-18/33	24" OC	5 PSF	L/240	14' - 9"
3-5/8"	362S125-18/33	16" OC	5 PSF	L/240	16' - 5"
4"	400S125-18/33	24" OC	5 PSF	L/240	16' - 5"
4"	400S125-18/33	16" OC	5 PSF	L/240	18' - 4"
6"	600S125-18/33	24" OC	5 PSF	L/240	21' - 7"
6"	600S125-18/33	16" OC	5 PSF	L/240	24' - 6"

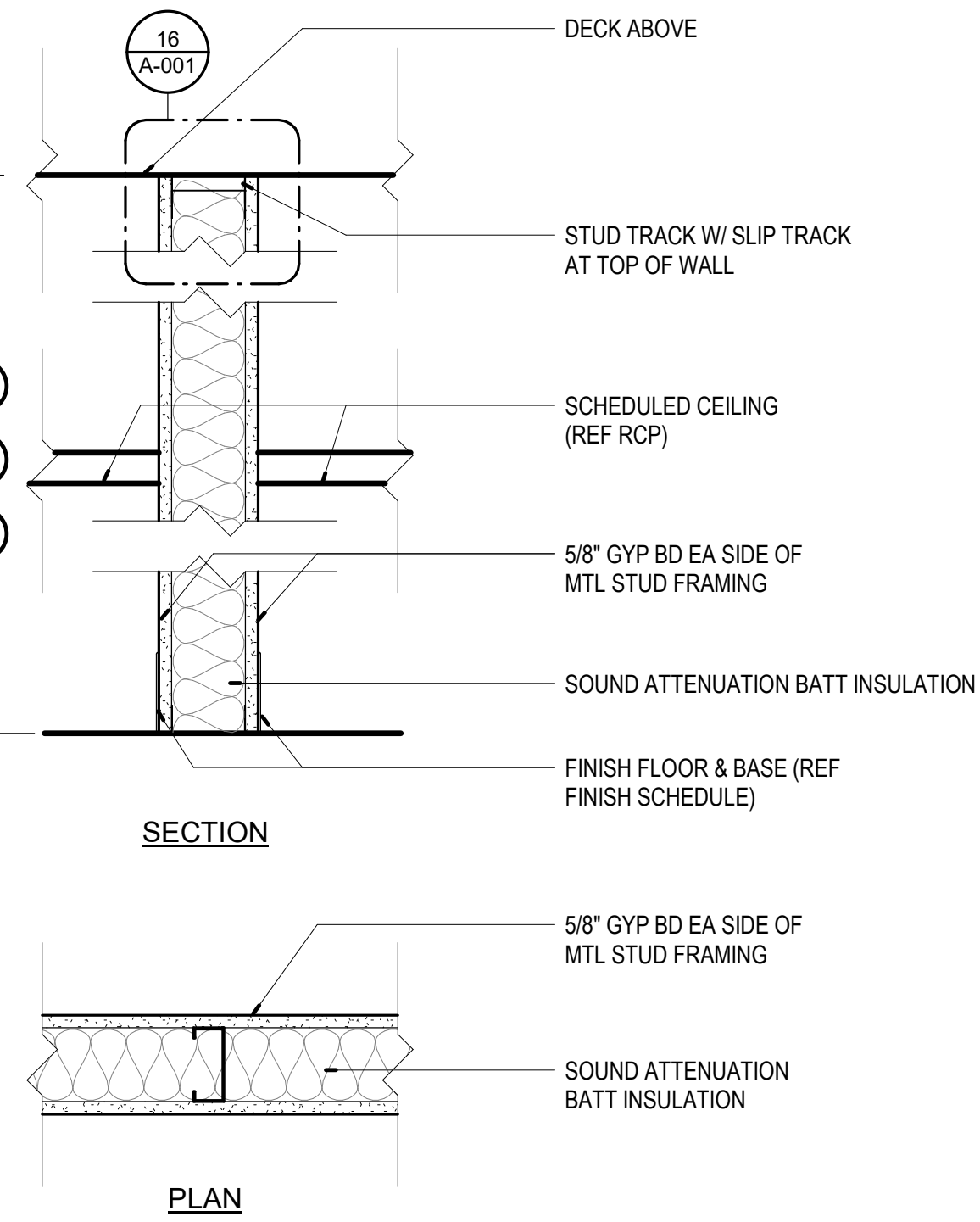
25 GA					
1-5/8"	162S125-18/33	24" OC	5 PSF	L/240	7' - 11"
1-5/8"	162S125-18/33	16" OC	5 PSF	L/240	8' - 4"
2-1/2"	250S125-18/33	24" OC	5 PSF	L/240	10' - 7"
2-1/2"	250S125-18/33	16" OC	5 PSF	L/240	11' - 3"
3-5/8"	362S125-18/33	24" OC	5 PSF	L/240	13' - 5"
3-5/8"	362S125-18/33	16" OC	5 PSF	L/240	14' - 4"
4"	400S125-18/33	24" OC	5 PSF	L/240	14' - 2"
4"	400S125-18/33	16" OC	5 PSF	L/240	15' - 4"
6"	600S125-18/33	24" OC	5 PSF	L/240	16' - 9"
6"	600S125-18/33	16" OC	5 PSF	L/240	19' - 9"

## GENERAL NOTES: PARTITIONS

1. STUD GAUGE MINIMUMS ARE TO BE AS OUTLINED IN THE INTERIOR FRAMING AND INTERIOR SHAFTWALL LIMITING HEIGHT TABLES
2. ALL NEW, EXISTING, AND MODIFIED PARTITIONS TO RECEIVE A LEVEL FOUR (4) DRYWALL FINISH PRIOR TO APPLICATION OF PAINT TO SURFACE TO AVOID PAINT FLASHING. WALL FINISH LEVEL BASED ON GA-214-17 "RECOMMENDED LEVELS OF GYPSUM BOARD FINISH" REFER TO PARTITION TYPES FOR ADDITIONAL INFORMATION.
3. CONTROL JOINTS: PROVIDE CONTROL JOINTS ACCORDING TO ASTM C 840 AND IN SPECIFIC LOCATIONS APPROVED BY ARCHITECT FOR VISUAL EFFECT. WHEN POSSIBLE ALIGN WITH DOOR FRAME.
4. PARTITIONS ARE DIMENSIONED TO FACE OF PARTITION UNLESS NOTED OTHERWISE
5. PROVIDE 6" METAL STUDS AT ALL PARTITIONS WHERE NEW PLUMBING WASTE OR VENT LINES ARE LOCATED
6. INSTALL MOISTURE RESISTANT GYP BOARD AT ALL WET WALLS, INCLUDING BUT NOT LIMITED TO RESTROOM AND SINK LOCATIONS.
7. CONTRACTOR TO KEEP ON SITE A COPY OF ALL APPLICABLE FIRE RATED ASSEMBLY SYSTEMS TO PROVIDE AT TIME OF INSPECTION IF REQUIRED.
8. ALL MATERIALS USED IN FIRE-RATED ASSEMBLIES SHALL BE APPROVED NON COMBUSTIBLE MATERIALS PER IBC 706.3 AND AS APPROVED BY UL OTHER RECOGNIZED STANDARD FOR USE IN SUCH ASSEMBLIES.
9. ALL FIRESTOP SYSTEMS TO MEET UL TESTED SYSTEMS. SYSTEMS MUST BE SUBMITTED TO AND APPROVED BY ARCHITECT PRIOR TO INSTALLATION. GC IS TO KEEP A COPY OF ALL APPROVED SYSTEMS ON SITE FOR DURATION OF PROJECT. ALL INSTALLED SYSTEMS MUST BE LABELED AND DOCUMENTED. DOCUMENTATION IS TO BE SUBMITTED TO OWNER AND ARCHITECT UPON COMPLETION OF THE PROJECT.
10. PROVIDE THROUGH PENETRATION FIRESTOP SYSTEMS FOR ALL ITEMS PENETRATING FIRE-RATED ASSEMBLIES. PENETRATIONS TO BE DESIGNED, TESTED, AND FIRE-RESISTANCE RATED TO RESIST FOR A PRESCRIBED PERIOD OF TIME THE SPREAD OF FIRE THROUGH PENETRATIONS. PROVIDE UL-LISTED ASSEMBLIES AS REQUIRED.

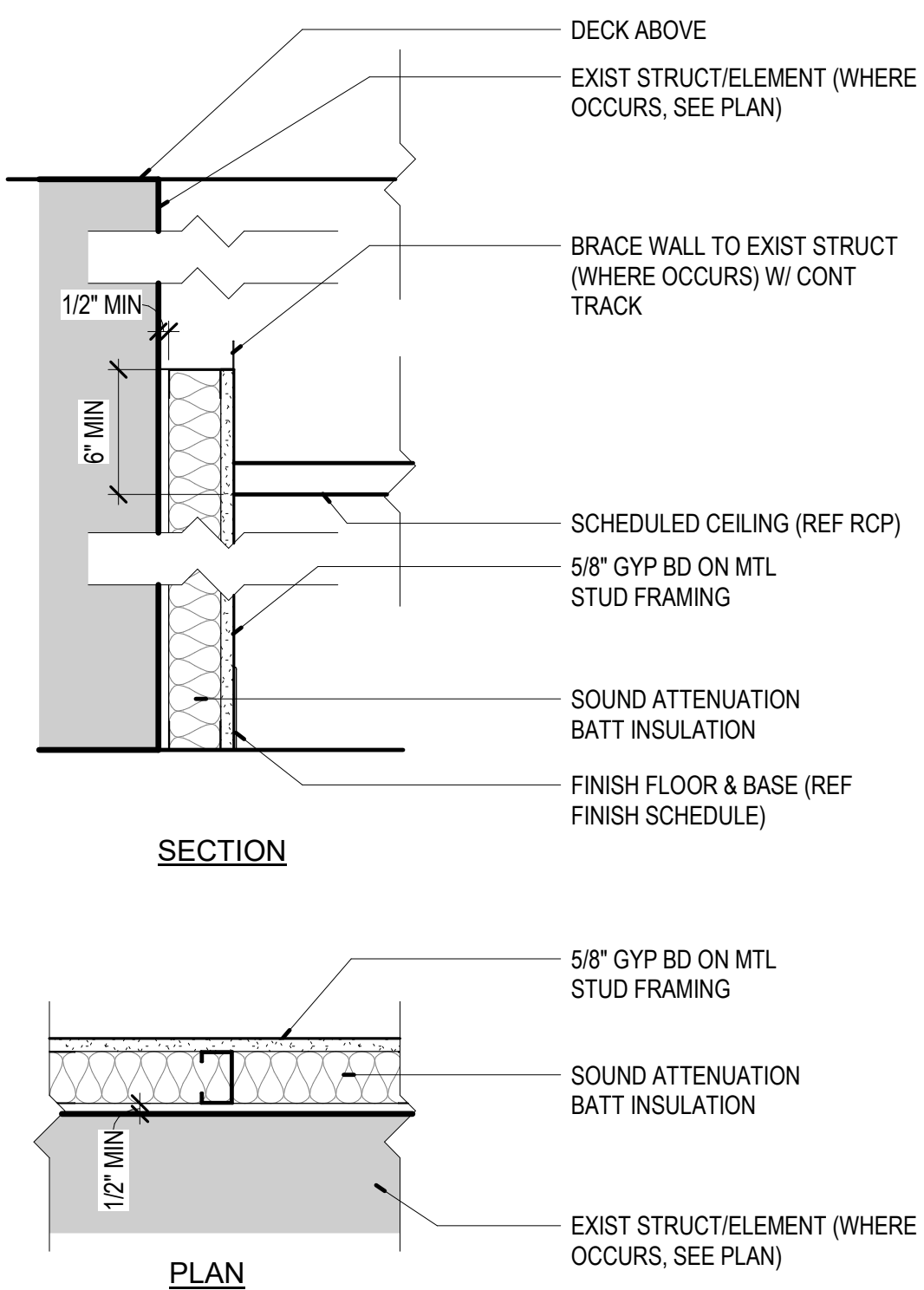


S3AA, 1, 3 3-5/8" MTL STUD PARTITION TO 6" ABOVE CLG (4-7/8")



S3AA, 1, 4 3-5/8" MTL STUD PARTITION TO DECK (4-7/8")

S6AA, 1, 4 6" MTL STUD PARTITION TO DECK (7-1/4")

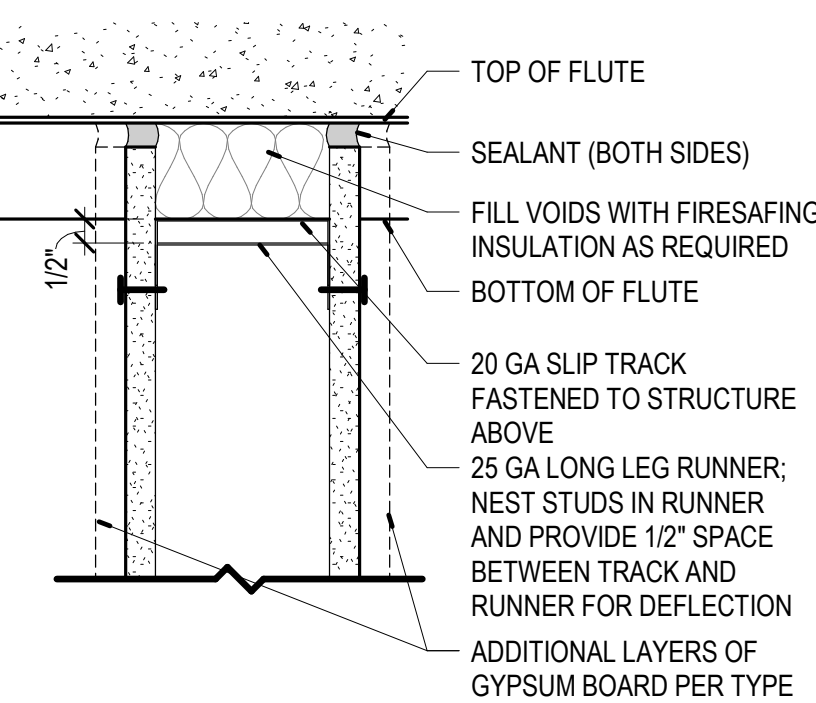


S3A, 1, 3 3-5/8" FURRED PARTITION TO 6" ABOVE CLG (4-1/4")

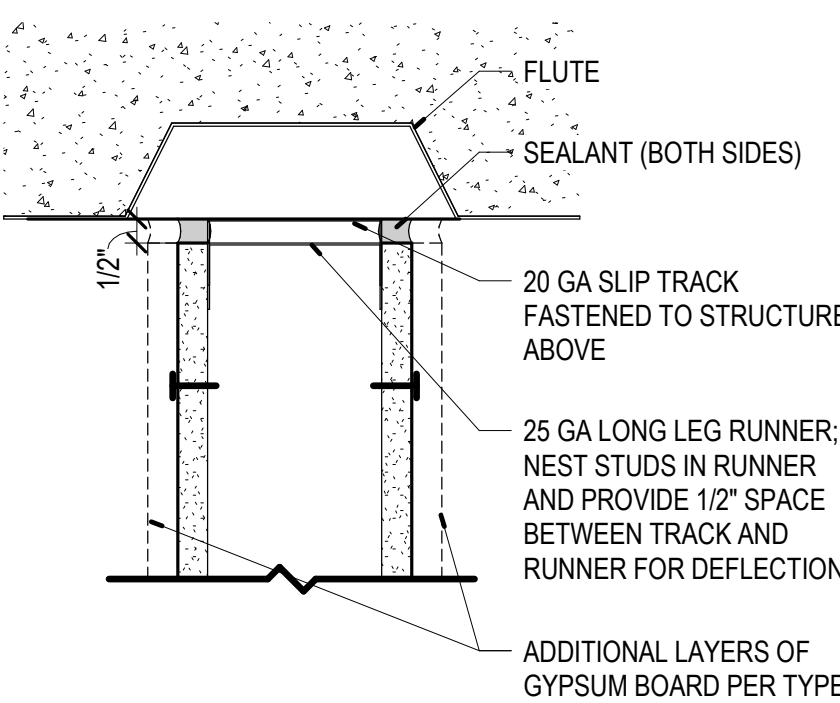
## 11 PARTITION TYPES

1 1/2" = 1'-0"

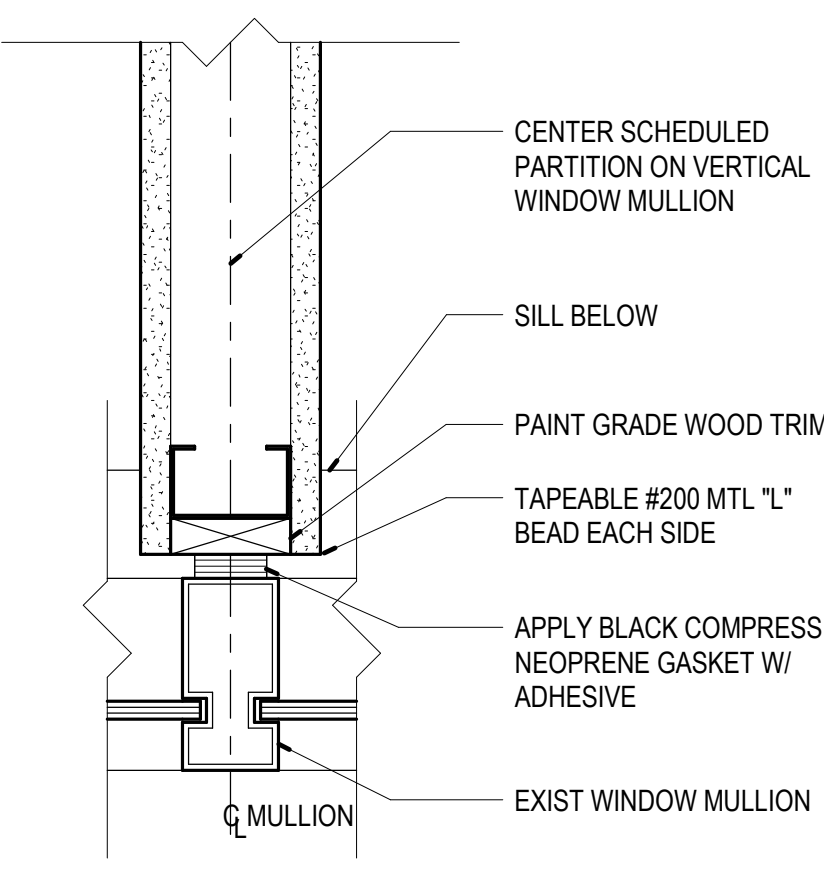
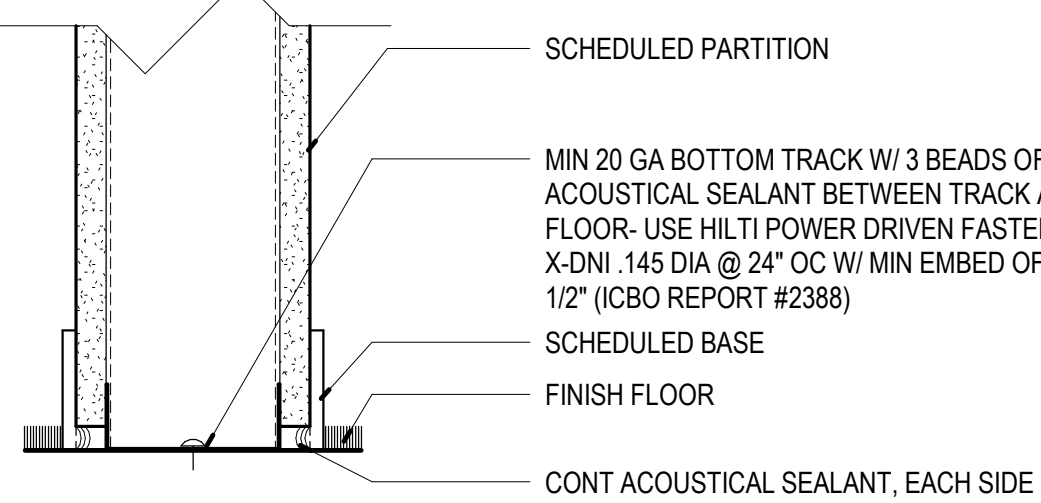
## PERPENDICULAR TO FLUTES



## PARALLEL TO FLUTES



NOTE:  
1. MTL FRAMING PER ICC-ES LEGACY REPORT ER-4943P AND ICBO REPORT #4782  
2. SEE ICBO ES REPORT #1632 FOR USE IN FIRE-RESISTIVE ASSEMBLIES.



## 16 DETAIL - SLIP TRACK

3" = 1'-0"

## 17 DETAIL - BASE OF TRACK

3" = 1'-0"

## 18 DETAIL - PARTITION AT MULLION

3" = 1'-0"

## LIFE SAFETY LEGEND:

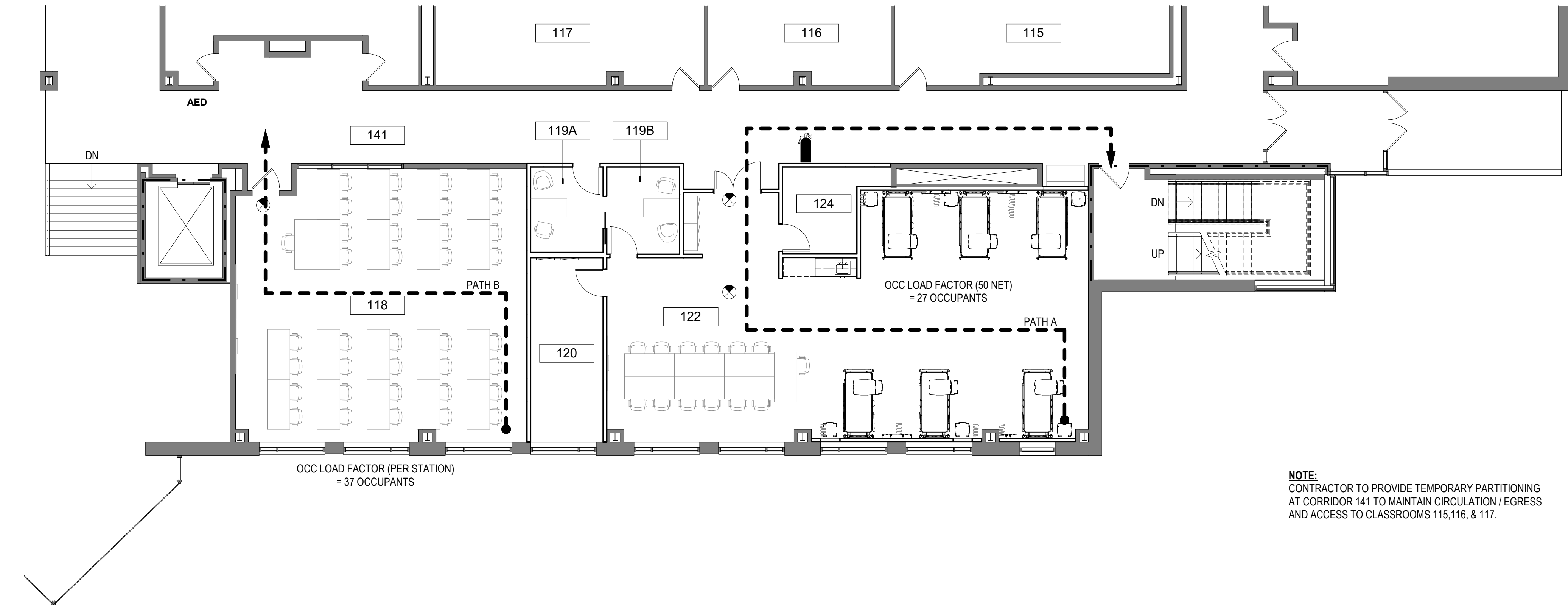
- 1 HOUR FIRE RATED PARTITION
- EGRESS PATH
- EXIT SIGN
- AED DEFIBRILLATOR
- SALVAGED FIRE EXTINGUISHER & CABINET. SEMI-RECESSED TYPE W/ BAKED ENAMEL FINISH. REINSTALL SO AS NOT TO PROJECT MORE THAN 4" INTO PATH OF TRAVEL.

NOTE:  
PROVIDE EXIT SIGNS AND FIRE EXTINGUISHERS AS REQUIRED BY INTERNATIONAL BUILDING CODE (IBC); COORD W/ ELEC DWGS

ROOM SCHEDULE - 1ST FLOOR	
Number	Name
115	CLASSROOM
116	CLASSROOM
117	CLASSROOM
118	COMPUTER LAB
119A	ADMIN
119B	OFFICE
120	STORAGE
122	RESPIRATORY CARE LAB
124	STORAGE
141	CORRIDOR

EGRESS PATH	
EXIT ROUTE	DISTANCE
PATH A	111' - 8"
PATH B	59' - 6"

NOTE:  
CONTRACTOR TO PROVIDE TEMPORARY PARTITIONING AT CORRIDOR 141 TO MAINTAIN CIRCULATION / EGRESS AND ACCESS TO CLASSROOMS 115, 116, & 117.



## 21 LIFE SAFETY PLAN - FIRST FLOOR

1/8" = 1'-0"

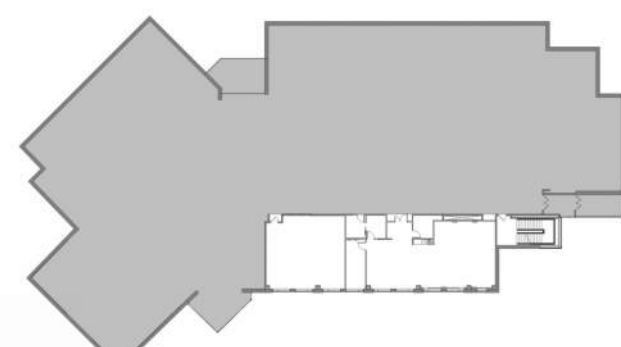


ISSUE DATE	DESCRIPTION
12/12/2024	90% DD SET
01/21/2025	90% CD SET
01/30/2025	100% CD SET

Revision Schedule

No.	Date	Description
1	2/24/25	BID ADDENDUM #3

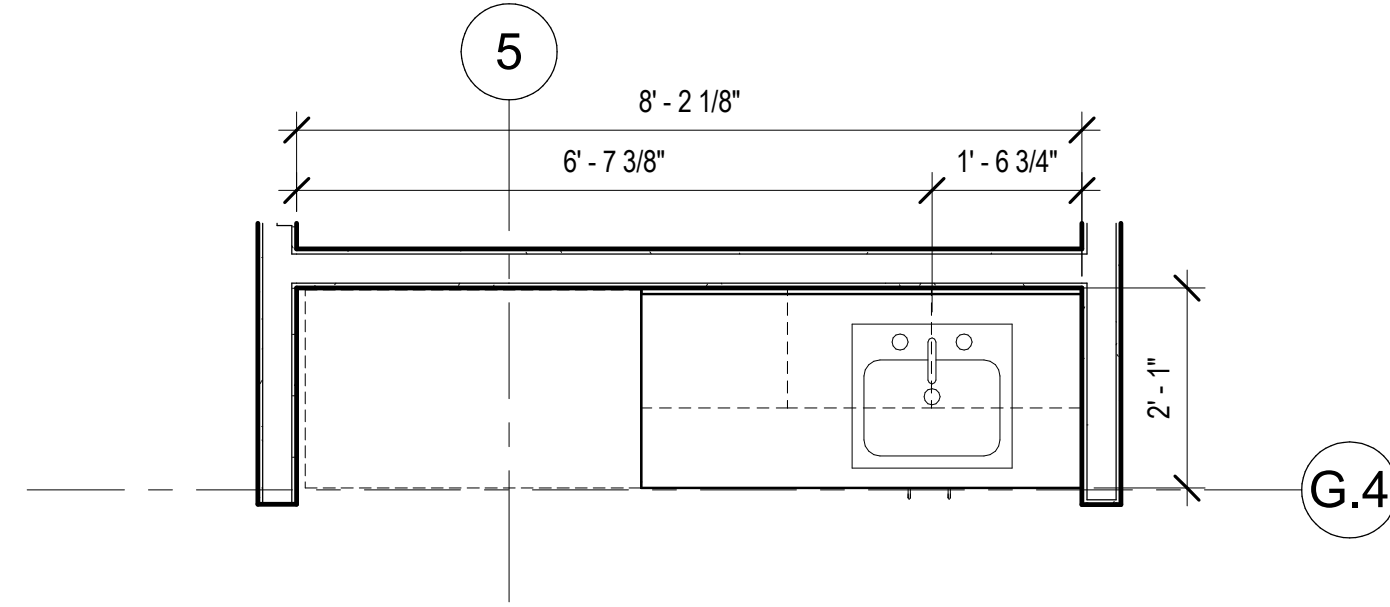
Key Plan:



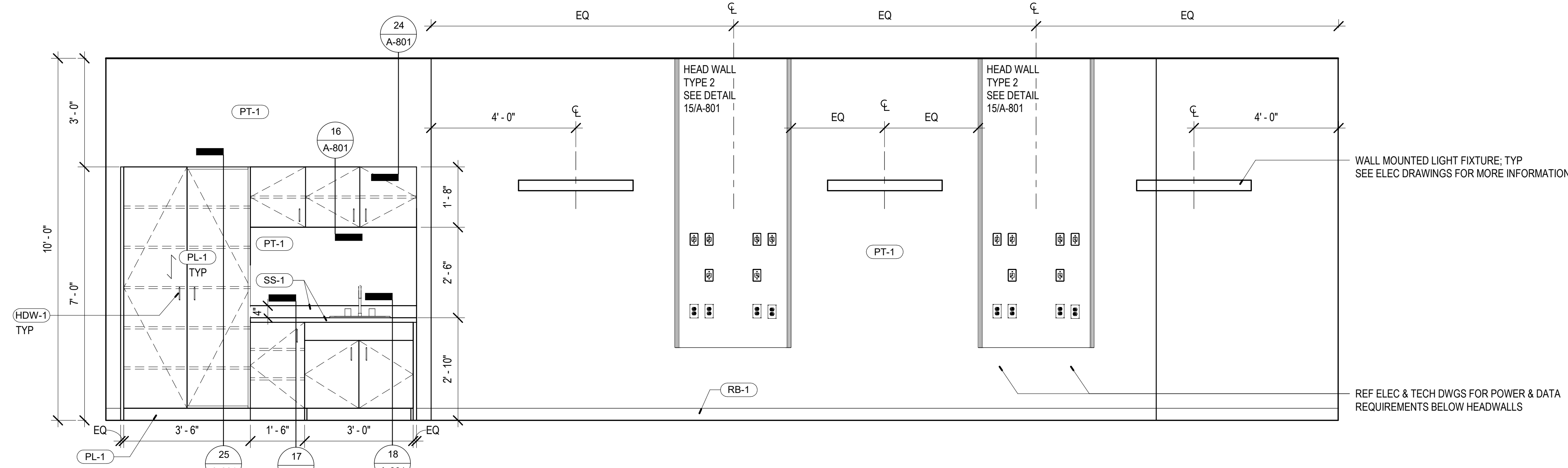
Project Number: 24-3465.00

Sheet  
ELEVATIONS, ENLARGED FLOOR  
PLANS, AND DETAILS - INTERIOR

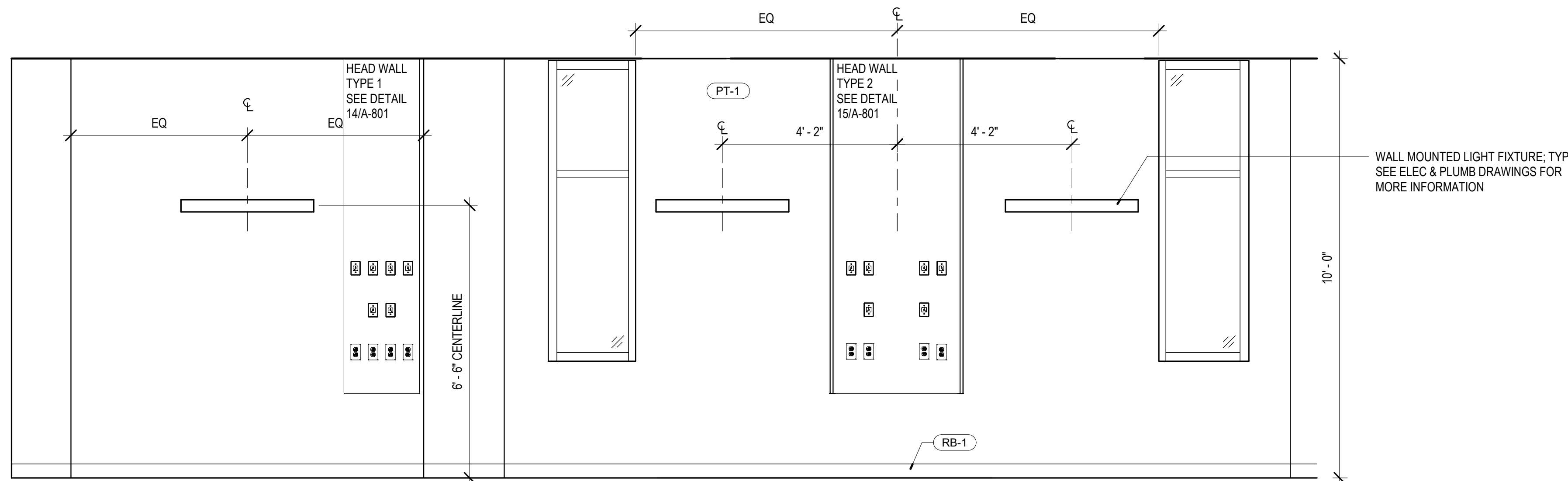
A-801



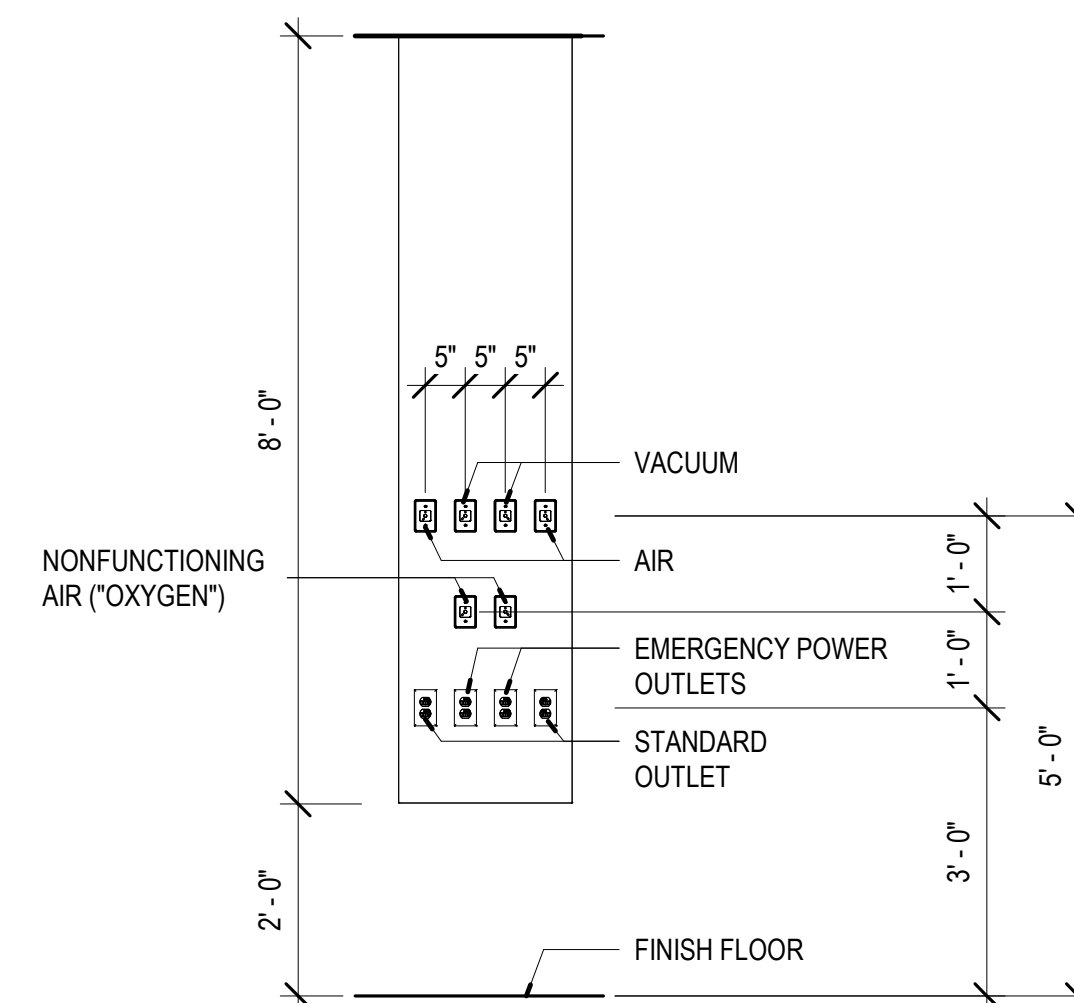
6 ENLARGED FLOOR PLAN - WASHING STATION  
1/2" = 1'-0"



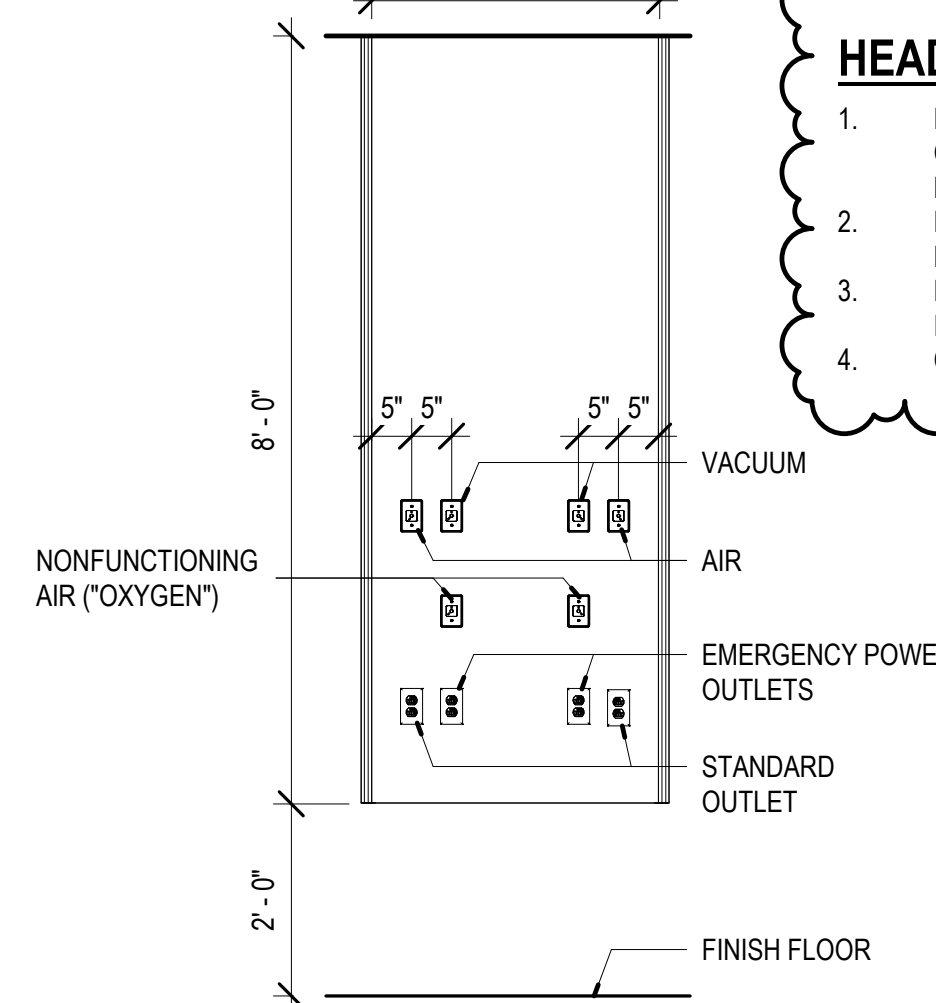
7 ELEVATION - NORTH WALL  
1/2" = 1'-0"



11 ELEVATION - SOUTH WALL  
1/2" = 1'-0"



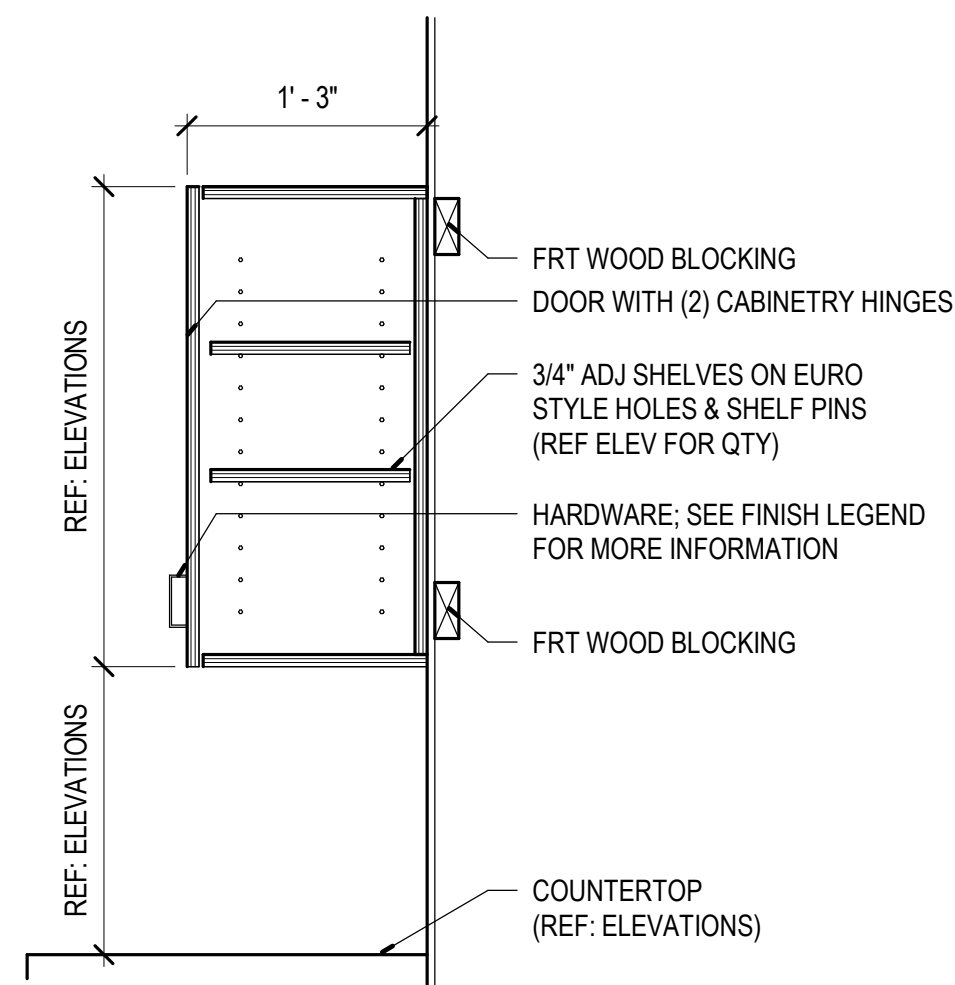
14 DETAIL - TYPE 1 HEADWALL  
1/2" = 1'-0"



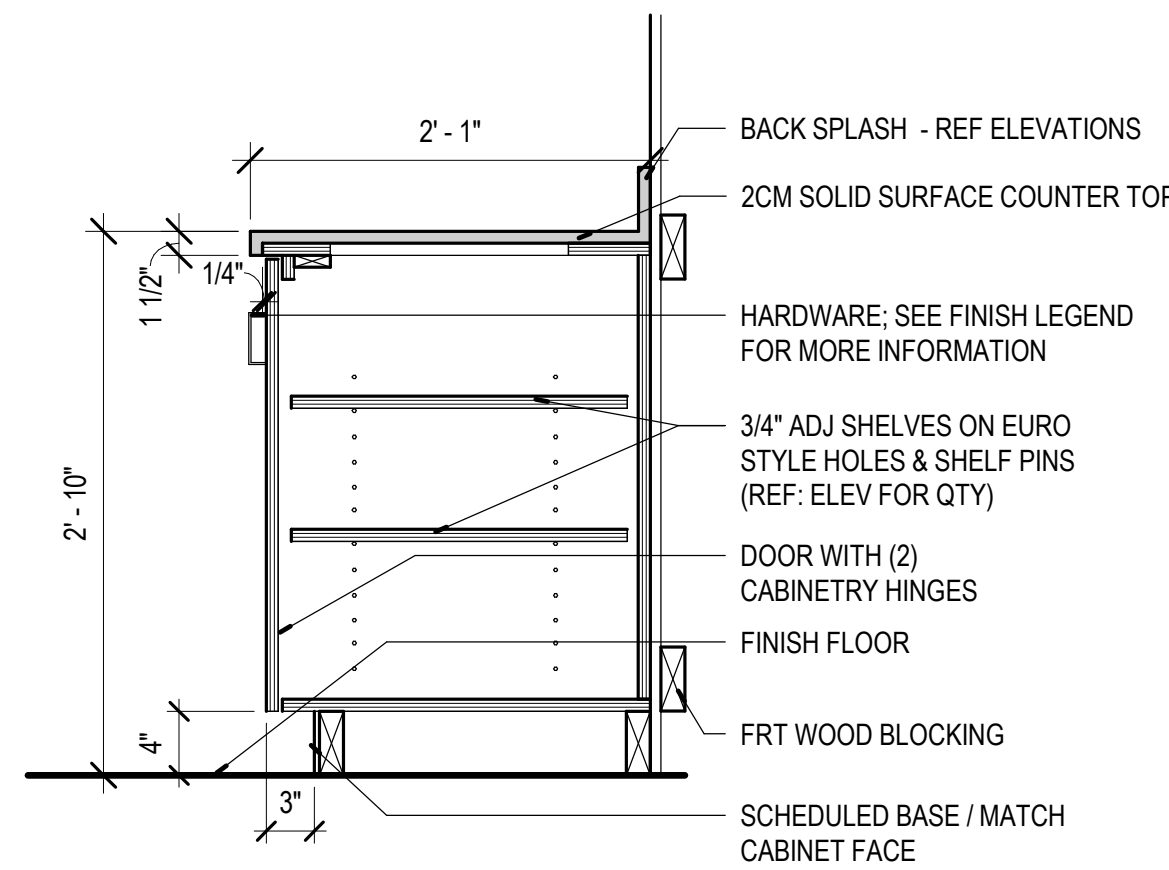
15 DETAIL - TYPE 2 HEADWALL  
1/2" = 1'-0"

HEADWALL NOTES:

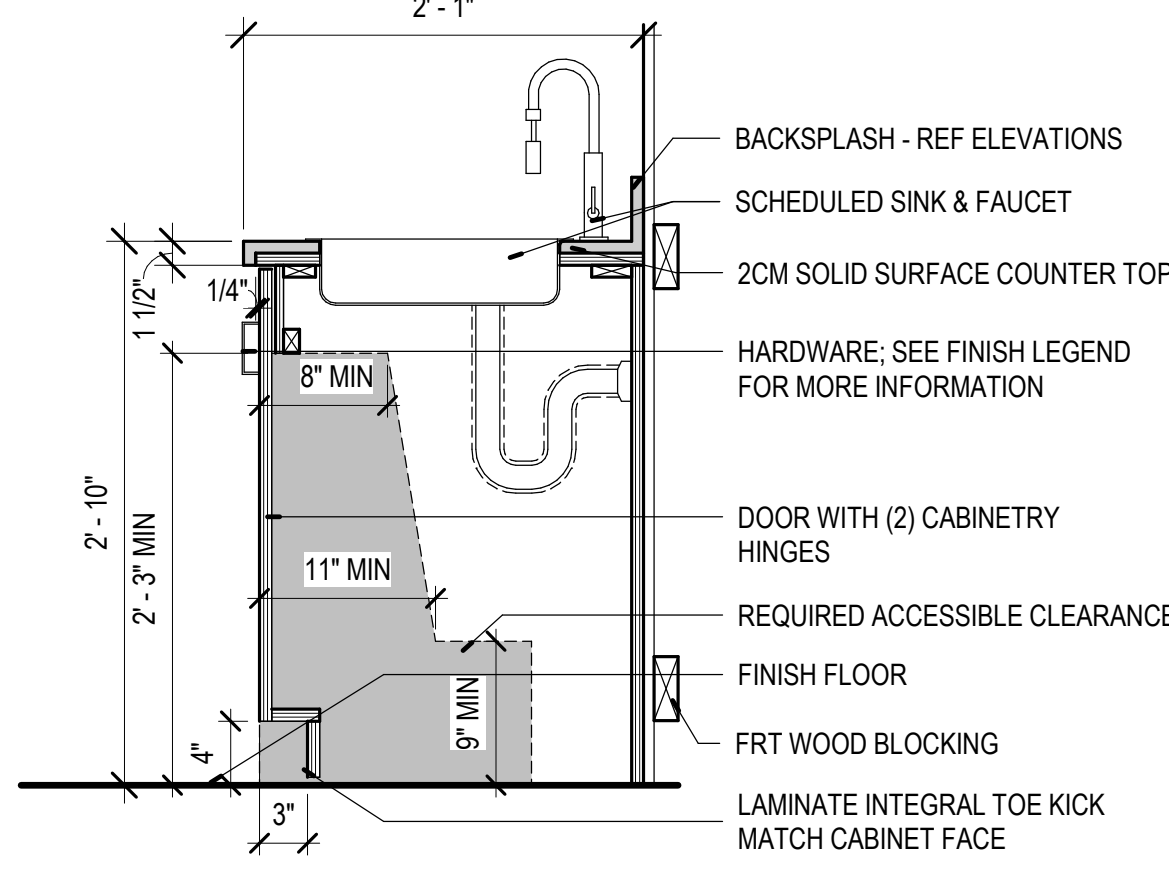
1. PRE FABRICATED WALL-MOUNTED HEADWALL FOR CENTRALIZED COMPRESSOR; FINISH: MATCH PL-1 LAMINATE; AMICO NULOOK MANIFOLD OR EQUAL. PROVIDE BLOCKING AND COORDINATE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. REFERENCE ELECTRICAL & PLUMBING DRAWINGS FOR MORE INFORMATION.
2. CONTRACTOR PROVIDED, CONTRACTOR INSTALLED



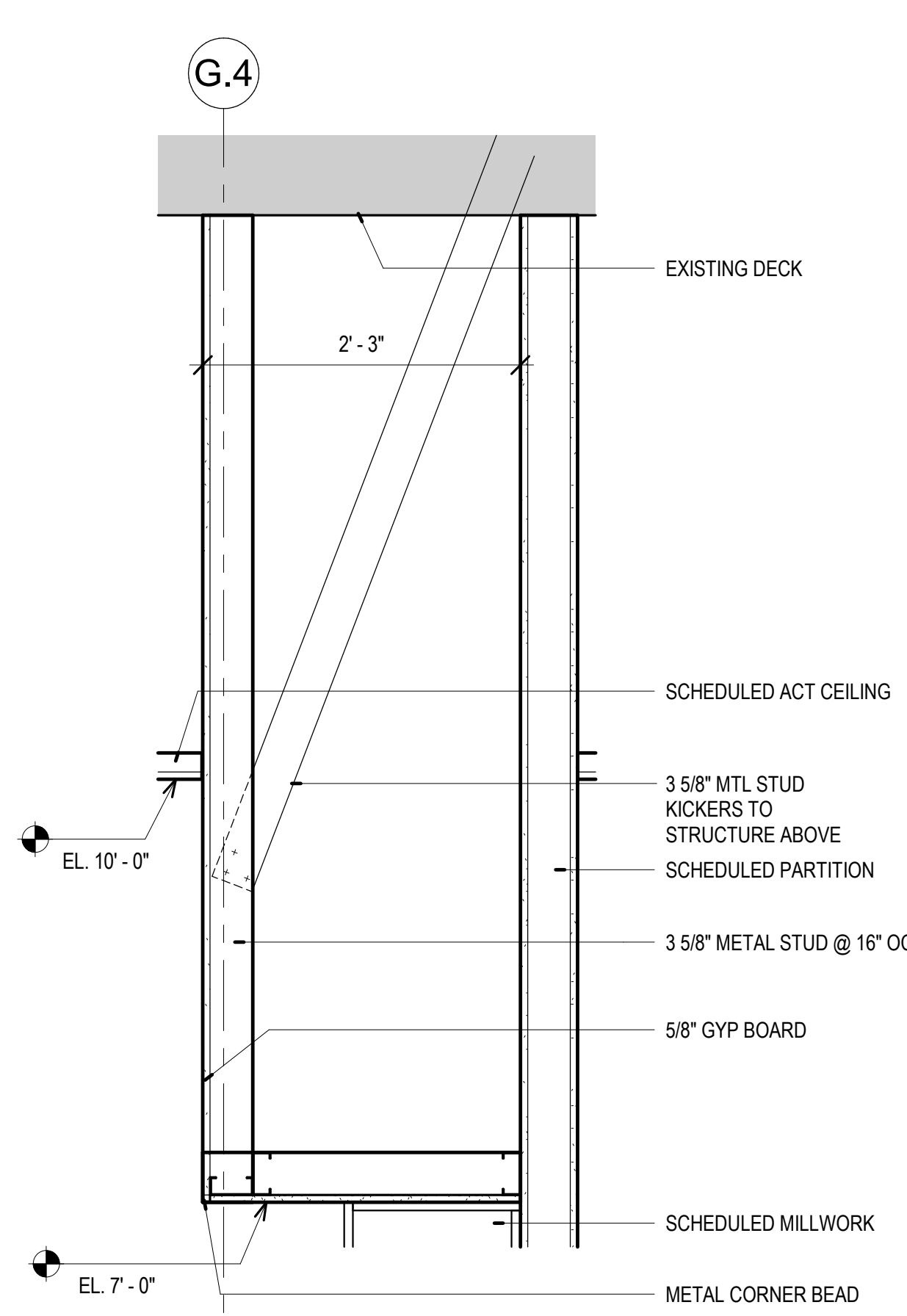
16 DETAIL - UPPER CABINET  
1" = 1'-0"



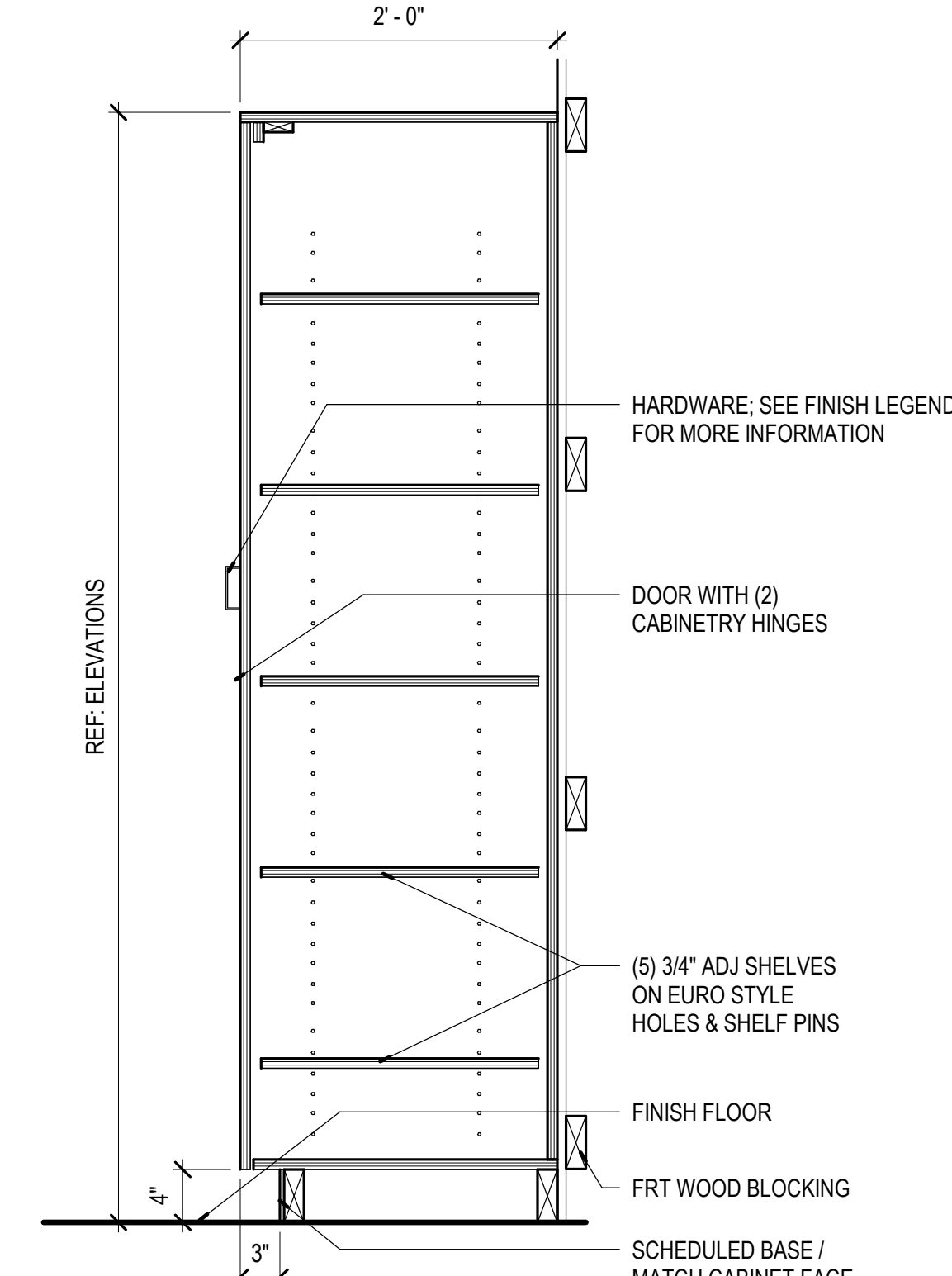
17 DETAIL - BASE CABINET  
1" = 1'-0"



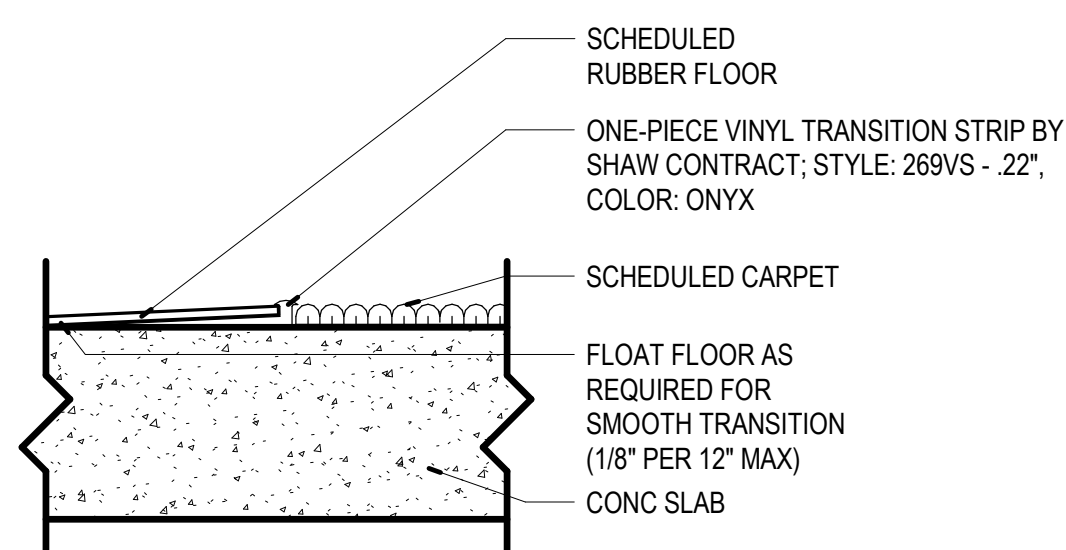
18 DETAIL - BASE CABINET WITH SINK (ADA)  
1" = 1'-0"



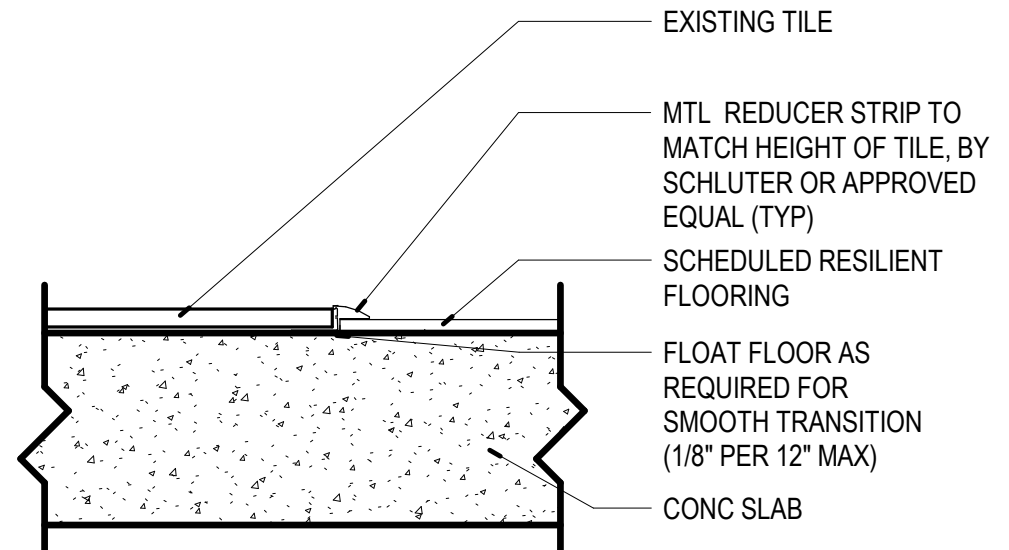
24 DETAIL - SOFFIT AT WASHING STATION  
1" = 1'-0"



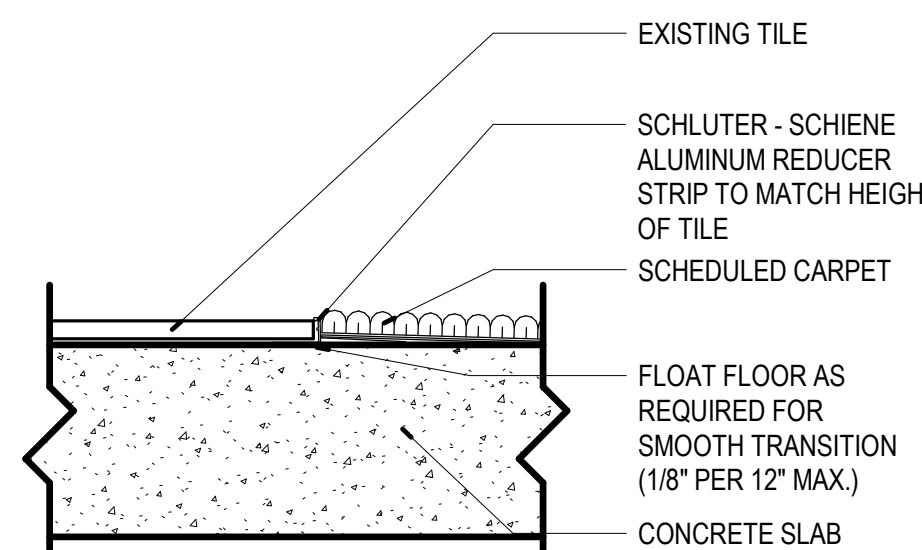
25 DETAIL - BASE CABINET - TALL  
1" = 1'-0"



21 TRANSITION - RUBBER FLOOR TO CARPET  
3" = 1'-0"



22 TRANSITION - RUBBER FLOOR TO TILE  
3" = 1'-0"

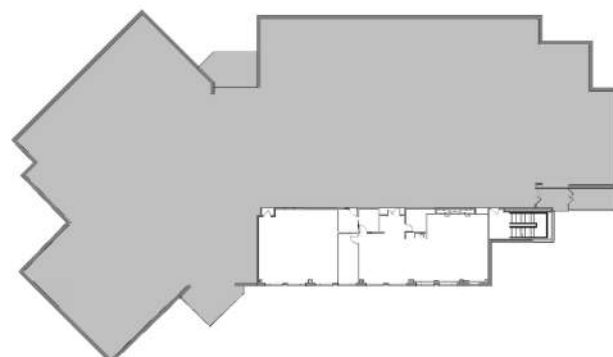


23 TRANSITION - TILE TO CARPET  
3" = 1'-0"

ISSUE DATE	DESCRIPTION
12/12/2024	90% DD SET
01/21/2025	90% CD SET
01/30/2025	100% CD SET

Revision Schedule		
No.	Date	Description
1	2/24/2025	BID ADDENDUM #3

Key Plan:



Project Number: 24006581.00

Sheet Title:

ELECTRICAL LIGHTING COVERSHEET

E001

### LIGHTING SYSTEM DESCRIPTION KEY:

THE DESIGN DOCUMENTS DESCRIBE THE OPERATIONAL PERFORMANCE REQUIREMENTS OF THE LIGHTING CONTROL SYSTEM. THE PROJECT MAY REQUIRE ONE OR MORE LIGHTING CONTROL STRATEGIES FOR THE PROJECT. REFER TO THE ELECTRICAL SYMBOL KEY, SPECIFICATION SECTION 26 09 33 LIGHTING CONTROL SYSTEMS, AND THE DRAWINGS TO DETERMINE THE DESIGN APPLICATION FOR EACH SPACE. THE POTENTIAL STRATEGIES ARE AS FOLLOWS:

STANDALONE LIGHTING CONTROL DEVICES: INDEPENDENT (STANDALONE) DEVICES TRADITIONALLY OPERATING AT LINE OR LOW VOLTAGE, FIELD CONFIGURABLE WITH OTHER STANDALONE DEVICES TO PROVIDE AN OVERALL LIGHTING CONTROL SYSTEM.

LIGHTING CONTROL SYSTEM DESIGNATION: THE FOLLOWING KEY MAY BE USED AS AN EXAMPLE TO DETERMINE THE DESIGNATED LIGHTING CONTROL SYSTEM FOR EACH SPACE. REFER TO ELECTRICAL COVERSHEET FOR ELECTRICAL SYMBOLS LIST AND DEVICE SPECIFICATION TAG. REFER TO THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

- STANDALONE LIGHTING CONTROL DEVICES: CONTROL STATION COMMONLY DEFINED BY AN ALPHA CHARACTER WITH SUBSCRIPTS.
  - EXAMPLE SYMBOL "S", SPECIFICATION TAG "SW-1P", DESCRIPTION "SWITCH- SINGLE POLE SWITCH".
  - EXAMPLE CONTROL DESIGNATION: a, b, c (WHEN REQUIRED TO CLARIFY DESIGN INTENT).
  - SINGLE POLE LIGHT SWITCH "SA" CONTROLS LUMINAIRES WITH THE SUBSCRIPT "A" WITHIN THE SAME SPACE.
  - REFER TO THE LIGHT CONTROL SEQUENCE OF OPERATION TAG (L#/#) FOR A COMPLETE DESCRIPTION OF THE LIGHTING CONTROL REQUIREMENTS.

### LIGHTING CONTROL NOTES:

#### LIGHTING CONTROL NOTES:

(L#/#) INDICATES THE LIGHTING SEQUENCE OF OPERATION FOR THE SPACE. REFER TO THE LIGHTING SEQUENCE OF OPERATION MATRIX ON SHEET E001.

#### LIGHTING CONTROL SUBSCRIPTS:

- LOWER CASE ALPHA SUBSCRIPTS "a, b, c" INDICATE LINE VOLTAGE OR ROOM BASED LIGHTING CONTROL SYSTEMS. REFER TO DRAWINGS TO DETERMINE IF LINE VOLTAGE CONTROL (S, S3, S4, ETC) OR (#B) ROOM BASED CONTROLLER SYSTEM (#B) IS REQUIRED.

REFER TO SHEET E001 FOR LUMINAIRE SCHEDULE

### ELECTRICAL SYMBOL LIST

SYMBOL:	SPEC TAG:	SPEC SECTION:	DESCRIPTION:
<div>S ##</div>	<div>SW-1P SW-D SW-O SW-DQ</div>	26 09 33	SWITCH SUBSCRIPTS: BLANK = SINGLE POLE D = DIMMER - STAND ALONE O = DUAL TECHNOLOGY OCCUPANCY SENSOR WITH WALL SWITCH DO=DIMMER - OCCUPANCY/VACANCY SENSORS - DUAL TECHNOLOGY ULTRASONIC/ACOUSTIC AND PIR
<div>CC ##</div>		EXISTING	OCCUPANCY SENSOR - CEILING MOUNTED SUBSCRIPTS: BLANK = DUAL TECHNOLOGY
<div>VC ##</div>	<div>SW-VC-D</div>	26 09 33	VACANCY SENSOR - CEILING MOUNTED SUBSCRIPTS: BLANK = DUAL TECHNOLOGY

### ELECTRICAL SYMBOL LIST

SYMBOL:	TAG:	SPEC SECTION:	DESCRIPTION:
<div><input type="checkbox"/></div>			TROFFER
<div><input checked="" type="checkbox"/></div>	REFER TO LUMINAIRE SCHEDULE		SINGLE FACE EXIT SIGN
<div><input checked="" type="checkbox"/></div>			DOUBLE FACE EXIT SIGN

### LUMINAIRE CIRCUIT AND CONTROL KEY

<div><input type="checkbox"/></div>	F1 = FIXTURE TAG T1 = CIRCUIT NUMBER a = SWITCH DESIGNATION "SE" INDICATES LUMINAIRE IS SWITCHED/CONTROLLED DURING NORMAL OPERATION AND OPERATES FROM EMERGENCY BATTERY (EXTEND UNSWITCHED CIRCUIT LEG TO BATTERY) UPON LOSS OF POWER.
<div><input checked="" type="checkbox"/></div>	"IF" LABEL IS ORIENTED HORIZONTALLY A SLASH WILL SEPARATE THIS INFORMATION. EX: F1/1/a/NL

### LUMINAIRE SHADING KEY

<div><input type="checkbox"/></div>	<div><input type="radio"/></div>	NORMAL BRANCH LUMINAIRE
<div><input checked="" type="checkbox"/></div>	<div><input checked="" type="radio"/></div>	EMERGENCY LUMINAIRE
SHADED LUMINAIRE OR DEVICE INDICATES LUMINAIRE OPERATES FROM AN EMERGENCY BATTERY UPON LOSS OF POWER.		

### LED LUMINAIRE SCHEDULE

(DESC) DOOR:	DISTRIBUTION:	BEAMWIDTH:	(L/L) LENS/LOUVER:	K19 - KSH19 .156" ACRYLIC
FA - FLAT ALUMINUM	II - ANSI/IES TYPE 2 DISTRIBUTION	NSP - VERY NARROW SPOT	A - .125" ACRYLIC	M - MATTE DIFFUSE CLEAR
FS - FLAT STEEL	III - ANSI/IES TYPE 3 DISTRIBUTION	SP - SPOT	B - BAFFLE/LOUVER	N - NONE
RA - REGRESSED ALUMINUM	IV - ANSI/IES TYPE 4 DISTRIBUTION	MD - MEDIUM	C - CLEAR ALZAK	P - POLYCARBONATE
RS - REGRESSED STEEL	V - ANSI/IES TYPE 5 DISTRIBUTION	WD - WIDE	F - FROSTED ACRYLIC	R - HIGH IMPACT DR ACRYLIC
FINISH:		VWD - VERY WIDE	G - TEMPERED GLASS	SS - SEMI-SPECULAR CLEAR
PAF - PAINT AFTER.		WW - WALL WASH	K - KSH12 .125" ACRYLIC	O - OTHER (SEE DESCRIPTION)
CPSA - COLOR-FINISH SELECTION BY ARCHITECT				[DESIGN SPECIFIC BLANKS]
(MTG) MOUNTING:	RE - RECESSED		(WATT) PER:	FIX - FIXTURE, FT - FOOT, LAMP
CL - CEILING SURFACE	SP - SUSPENDED		(TYPE) LED	RGB - COLOR CHANGING LED
CV - COVE	SU - SURFACE		LED - LIGHT EMITTING DIODE	RGBW - COLOR CHANGING +...
FR - FLANGED RECESSED	UC - UNDER CABINET		TLED - TUBULAR LED LAMP	RGBA - COLOR CHANGING +...
P - PERIMETER	WL - WALL		OLED - ORGANIC LED	RLED - RETROFIT LED
PL - POLE	O - OTHER (SEE DESCRIPTION)		DLED - DYNAMIC TUNABLE LED	WLED - WARM DIM LED

CATALOG NUMBER SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. THE COMPLETE DESCRIPTION AND THE SPECIFICATION SHALL BE COORDINATED WITH THE CATALOG NUMBER TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN.

VERIFY AND COORDINATE ALL CEILING TYPES WITH LUMINAIRE MOUNTING AND TRIM REQUIREMENTS PRIOR TO THE RELEASE OF THE LUMINAIRE ORDER. CONFIRM ALL COLORS AND FINISHES OF ALL LUMINAIRE COMPONENTS WITH ARCHITECT AND INTERIOR DESIGNER PRIOR TO THE RELEASE OF THE LUMINAIRE ORDER. UNLESS INDICATED ON LIGHTING PLANS OR BELOW, REFER TO ARCHITECTURAL AND INTERIOR DESIGN ELEVATIONS, SECTIONS AND DETAILS FOR ALL SUSPENDED AND WALL MOUNTED LUMINAIRE MOUNTING HEIGHTS.

REFER TO SPECIFICATION SECTIONS LED LIGHTING 26 51 19 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.  
INTERIOR CORRELATED COLOR TEMPERATURE 3500K COLOR RENDERING INDEX (CRI) AT OR ABOVE 90, UNLESS NOTED OTHERWISE.

ITEM	DESCRIPTION	MTG	DIMENSIONS				WATT		LED DELIVERED LUMENS (MIN)	VOLTS	DRIVER	TYPE	MANUFACTURER AND MODEL
			L	W	H	DIA.	ANSI WATTS	PER					
F1	2X4 LED SPECIFICATION GRADE TROFFER, RIBBED FROSTED ACRYLIC LENS.	RE	4'-0"	2'-0"	3 1/4"		47	FIX	5129	277	0-10V	0-10V	UPPERCUT CRUIZE ST OR EQUAL
F1E	2X4 LED SPECIFICATION GRADE TROFFER, RIBBED FROSTED ACRYLIC LENS. UL924 LISTED LUMINAIRE WITH 14W EMERGENCY BATTERY PACK.	RE	4'-0"	2'-0"	3 1/4"		47	FIX	5129	277	0-10V	0-10V	METALUX CRUIZE ST OR EQUAL
F2	UNDERCABINET LIGHT WITH DIFFUSE MATTE ACRYLIC SHIELDING. 90 CRI	UC	2'-0"	3 1/4"	1"		12	FIX	1283	277	0-10V	0-10V	THE WILLIAMS 1SF OR EQUAL
F3	4 FT WALL MOUNTED ARCHITECTURAL LIGHT WITH DOWN- AND UP-LIGHTING.	WL	4'-0"	1'-0"	5 1/2"		30	FIX	3364	277	0-10V	0-10V	THE WILLIAMS WMA OR EQUAL
X1	SINGLE FACED LED WALL MOUNTED EXIT SIGN. RED LETTERS. WHITE POLYCARBONATE HOUSING. INTEGRAL BATTERY AND SELF-DIAGNOSTICS.	O	1'-1"	2"	9"		3	FIX	-	277	EM	EM	SURE-LITES LPX OR EQUAL
X2	DOUBLE FACED LED WALL MOUNTED EXIT SIGN. RED LETTERS. WHITE POLYCARBONATE HOUSING. INTEGRAL BATTERY AND SELF-DIAGNOSTICS.	O	1'-1"	2"	9"		3	FIX	-	277	EM	EM	SURE-LITES LPX OR EQUAL

### LIGHTING SEQUENCE OF OPERATION

NOTES:  
1. (L#/#) DENOTES THE LIGHTING SEQUENCE OF OPERATIONS FOR THIS SPACE.  
2. a = SWITCH DESIGNATION FOR LIGHTING CONTROL.  
3. VERIFY AND COORDINATE ALL TIME CLOCK SETTINGS WITH OWNER PRIOR TO FINAL PROGRAMMING.  
4. VERIFY AND COORDINATE ALL PUSH BUTTON WALL DEVICES AND QUANTITIES OF INDIVIDUAL BUTTONS WITH SCENES AND ZONES PER LOCATION.

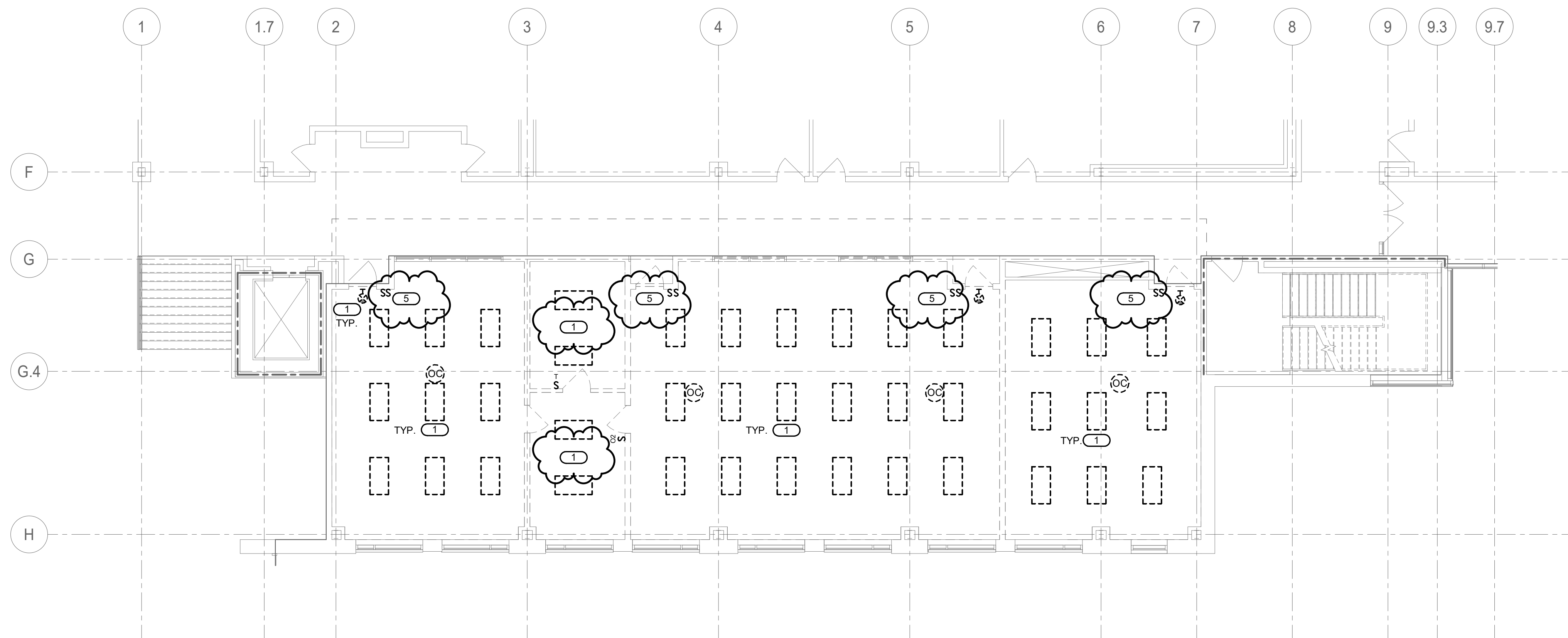
PLAN ID	LIGHTING SWITCHED
(LD1)	SEQUENCE: LIGHTING CONTROL PROVIDED VACANCY CONTROL, AND MANUAL DIMMING IN THIS SPACE.  ON: LIGHTS TURN ON USING WALL CONTROLLER  ADJUST: LIGHTS ARE RAISED/LOWERED CONTROLLED USING A WALL CONTROLLER. 10-100%  OFF: LIGHTS TURN OFF USING WALL CONTROLLER LIGHTS AUTOMATICALLY TURN OFF AFTER THE SPACE HAS BEEN VACANT FOR 15 MINUTES
(LS1)	SEQUENCE: LIGHTING CONTROL PROVIDED OCCUPANCY CONTROL, AND MANUAL SWITCHING IN THIS SPACE.  ON: LIGHTS TURN ON USING WALL CONTROLLER  OFF: LIGHTS TURN OFF USING WALL CONTROLLER LIGHTS AUTOMATICALLY TURN OFF AFTER THE SPACE HAS BEEN VACANT FOR 15 MINUTES

### CONDUIT INSTALLATION SCHEDULE

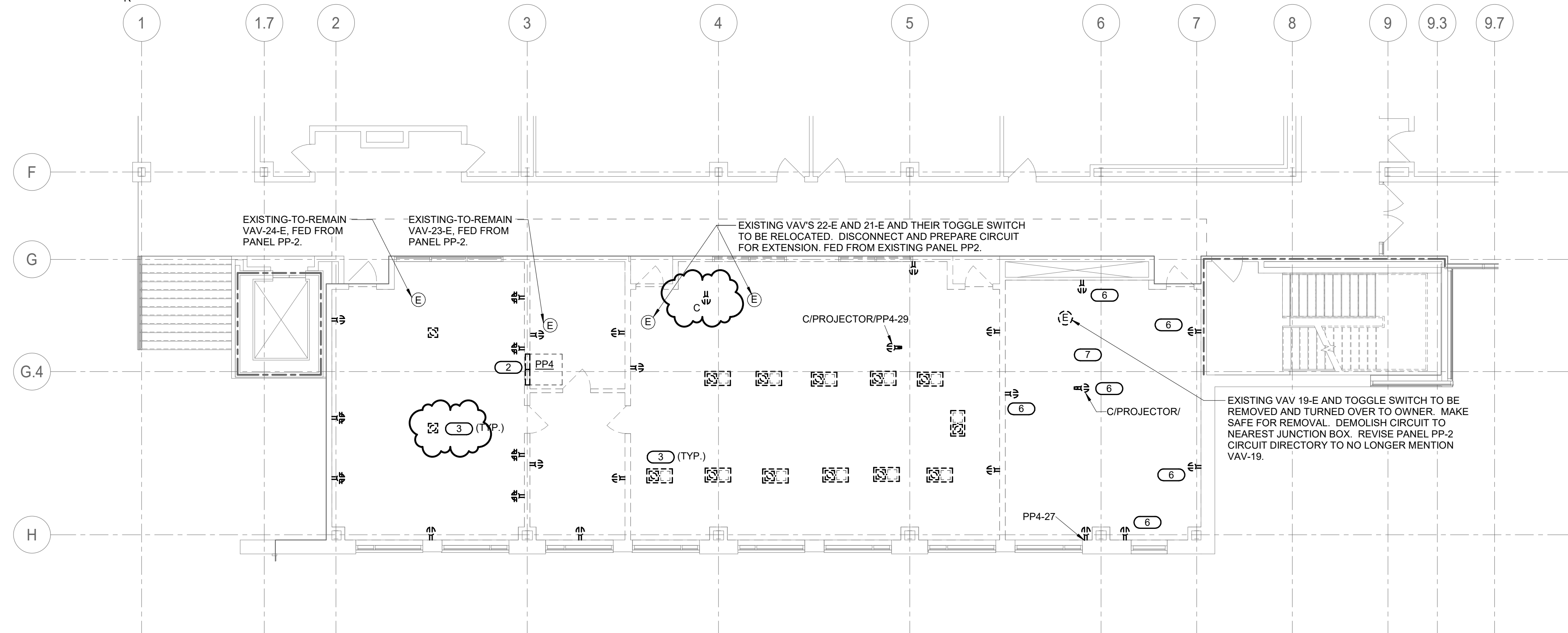
THE FOLLOWING SCHEDULE SHALL BE ADHERED TO UNLESS THEY CONSTITUTE A VIOLATION OF APPLICABLE CODES OR ARE NOTED OTHERWISE ON THE DRAWINGS. THE INSTALLATION OF RMC CONDUIT WILL BE PERMITTED IN PLACE OF ALL CONDUIT SPECIFIED IN THIS SCHEDULE. REFER TO CONDUIT AND BOXES SPECIFICATION 26 05 33 FOR ADDITIONAL INFORMATION.

INSTALLATION TYPE	EMT
FEEDERS: SWITCHBOARDS, DISTRIBUTION PANELS, PANELBOARDS, MOTOR CONTROL CENTERS, ETC.	X
BRANCH CIRCUITS: LIGHTING, RECEPTACLES, CONTROLS, ETC.	X
MECHANICAL EQUIPMENT FEEDERS: PUMPS, CHILLERS, AIR HANDLING UNITS, ETC.	X
FLOOR MOUNTED EQUIPMENT FEEDERS: PUMPS, ETC. (INCLUDE NO MORE THAN 6 FEET OF LFMC TO PUMP)	X
CONTROLS (LIGHTING, POWER, BUILDING AUTOMATION, ETC.)	X
INTERIOR LOCATIONS WITH FINISHED CEILING AND WALLS: CONCEALED IN WALLS AND ABOVE FINISHED CEILINGS	X
INTERIOR LOCATIONS WITHOUT FINISHED CEILINGS: CONCEALED IN WALL, EXPOSED ABOVE CEILINGS	X
EXISTING INTERIOR LOCATIONS WITH FINISHED CEILINGS AND WALLS: CONCEALED IN WALLS AND ABOVE FINISHED CEILING UNLESS OTHERWISE NOTED	X

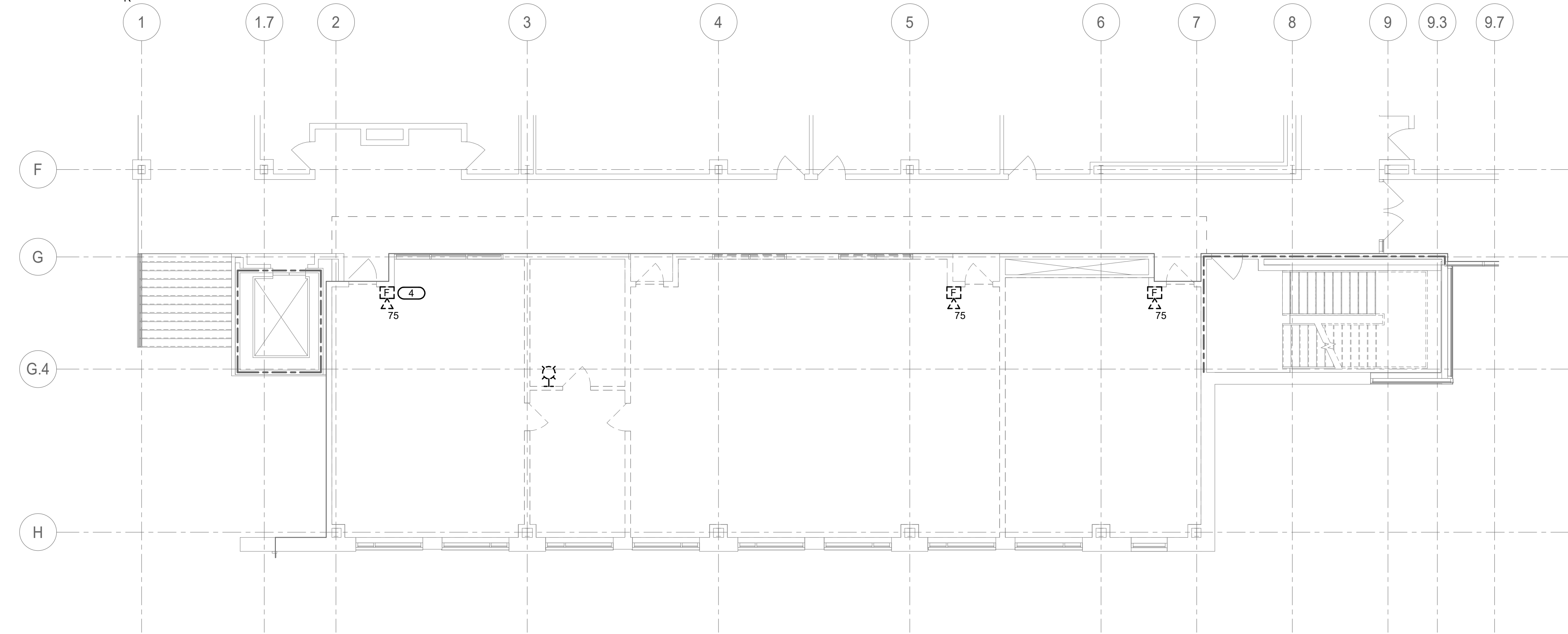




**1 LEVEL 01 DEMOLITION PLAN - LIGHTING**  
1/8" = 1'-0"



**2 LEVEL 01 DEMOLITION PLAN - POWER**  
1/8" = 1'-0"



**3 LEVEL 01 DEMOLITION PLAN - SYSTEMS**  
1/8" = 1'-0"

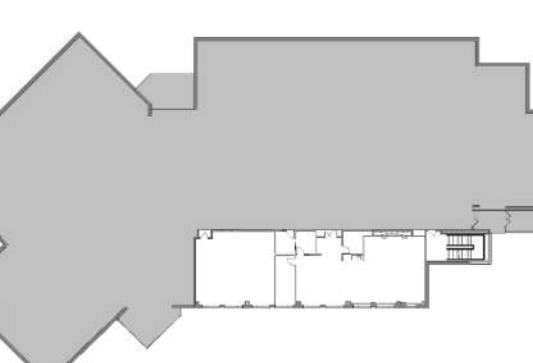
- SHEET NOTES:**
1. REFER TO E600 ELECTRICAL COVERSHEET FOR ELECTRICAL GENERAL NOTES, ELECTRICAL INSTALLATION NOTES AND SYMBOL LIST.
  2. REFER TO E601 ELECTRICAL LIGHTING COVERSHEET FOR LIGHTING SCHEDULES, CONTROL NOTES AND SYMBOLS LIST.
  3. REFER TO SHEET E600 FOR ELECTRICAL DETAILS.
  4. REFER TO SHEET E600 FOR ELECTRICAL SCHEDULES.
  5. EXISTING LIGHTING POWER IN AREA OF WORK IS FED AT 277V FROM PANEL 'LP-2' LOCATED IN FIRST FLOOR ELECTRICAL CLOSET 1240 AT APPROXIMATELY COLUMN LINE D2.5.
  6. EXISTING PANEL PP-2 SERVING EXISTING VAV'S AND SOME RECEPTACLE CIRCUITS IN THE AREA OF WORK IS LOCATED IN FIRST FLOOR ELECTRICAL CLOSET 1240 AT APPROXIMATELY COLUMN LINE D2.5.

- KEYNOTES:**
1. DISCONNECT AND REMOVE EXISTING LIGHTING FIXTURES. PROTECT EXISTING BRANCH LIGHTING CIRCUIT FOR REUSE DURING NEW WORK.
  2. EXISTING PANEL TO BE REMOVED AND RELOCATED. REFER TO NEW WORK DRAWINGS FOR NEW PANEL LOCATION. EXTEND EXISTING PANEL FEEDER AND BRANCH CIRCUITS TO REMAIN TO NEW PANEL LOCATION. SALVAGE SURGE PROTECTION DEVICE FOR REUSE DURING NEW WORK.
  3. REMOVE FLOOR BOX. ABANDON IN PLACE EXISTING FLOOR BOX OPENING AND ASSOCIATED CIRCUITS. FLOOR BOX TO BE DEMOLISHED AND BACK-FILLED PER ARCHITECTURAL DRAWINGS.
  4. DISCONNECT AND REMOVE NOTIFICATION DEVICE. PROTECT EXISTING NOTIFICATION CIRCUIT AND BACK BOX FOR REUSE IN NEW WORK.
  5. DISCONNECT AND REMOVE EXISTING LIGHTING CONTROL DEVICES AND ITS WIRING.
  6. DISCONNECT CIRCUIT AND MAKE SAFE FOR DEMOLITION. REMOVE TO NEAREST JUNCTION BOX, CAP AND COVER.
  7. EXISTING RECEPTACLE CIRCUITS IN THIS ROOM SERVED FROM PANEL 'PP2', UNLESS OTHERWISE NOTED. UPDATE PANEL 'PP2' CIRCUIT DIRECTORY AND LEAVE APPLICABLE BREAKERS OFF.

ISSUE DATE	DESCRIPTION
12/12/2024	90% DD SET
01/21/2025	90% CD SET
01/30/2025	100% CD SET

Revision Schedule		
No.	Date	Description
1	2/24/2025	BID ADDENDUM #3

Key Plan:



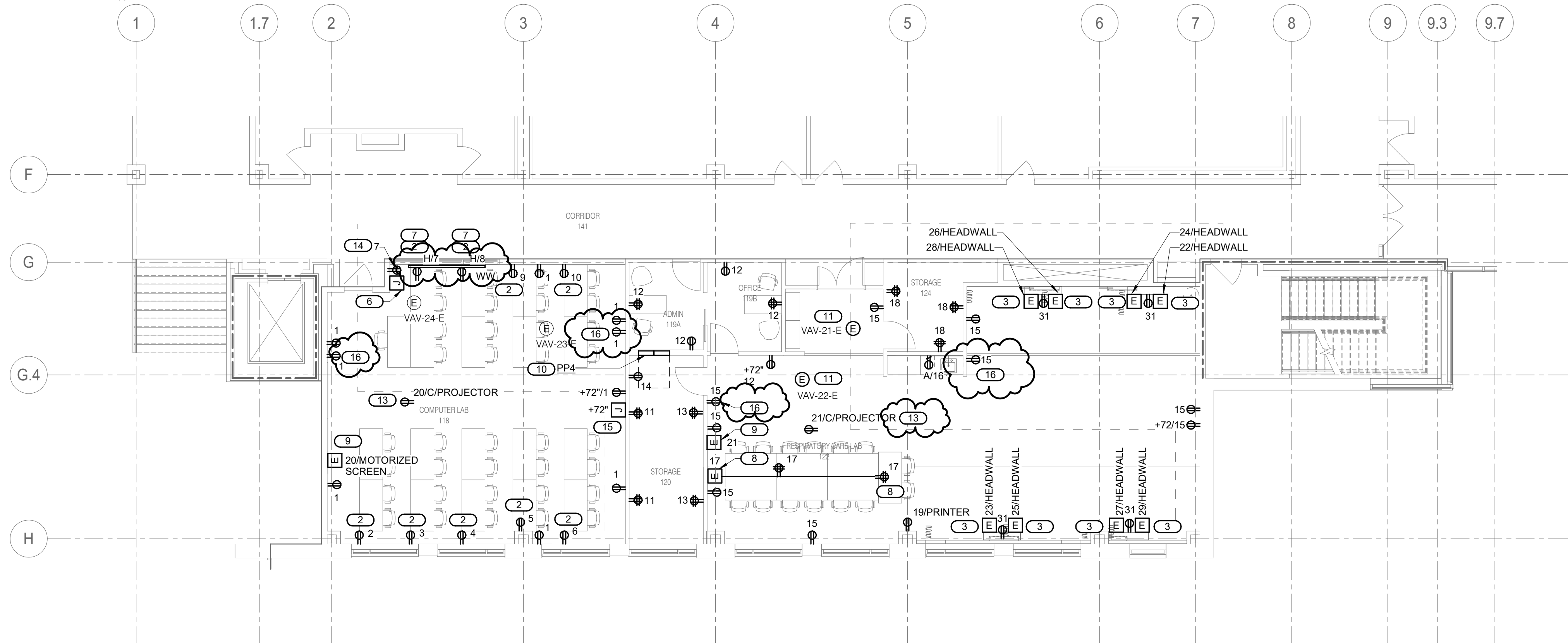
Project Number: 24006581.00

Sheet Title:  
LEVEL 01 DEMOLITION PLANS -  
ELECTRICAL

E101



**1 LEVEL 01 PLAN - LIGHTING**  
1/8" = 1'-0"



**2 LEVEL 01 PLAN - POWER**  
1/8" = 1'-0"



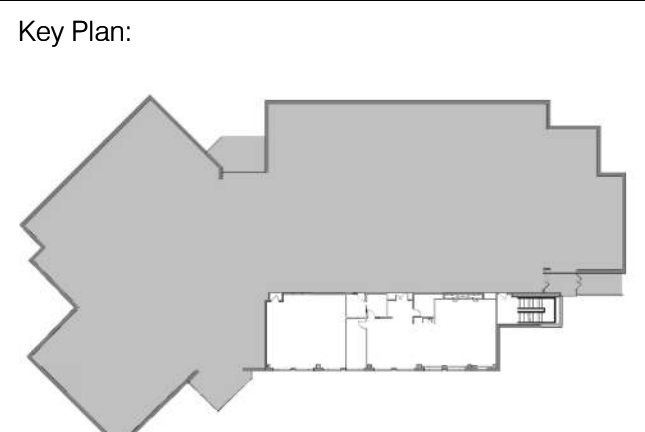
**3 LEVEL 01 PLAN - SYSTEMS**  
1/8" = 1'-0"

- SHEET NOTES:**
- REFER TO SHEET E000 ELECTRICAL COVERSHEET FOR ELECTRICAL GENERAL NOTES, ELECTRICAL INSTALLATION NOTES AND SYMBOL LIST.
  - REFER TO E001 ELECTRICAL LIGHTING COVERSHEET FOR LIGHTING SCHEDULES, CONTROL NOTES AND SYMBOLS LIST.
  - REFER TO SHEET E000 FOR ELECTRICAL DETAILS.
  - REFER TO SHEET E000 FOR ELECTRICAL SCHEDULES.

- KEYNOTES:**
- RE-USE EXISTING 277V LIGHTING CIRCUIT FOR NEW LIGHTING.
  - PROVIDE DEDICATED FURNITURE POWER CIRCUIT.
  - PROVIDE ELECTRICAL CONNECTION FOR RECEPTACLES IN HEADWALL PROVIDED BY OTHERS. PROVIDE LABEL ON RED RECEPTACLES IN HEADWALL STATING "NOT ON EMERGENCY POWER".
  - INSTALL NEW NOTIFICATION DEVICE IN EXISTING BACKBOX.
  - EXTEND EXISTING NOTIFICATION APPLIANCES CIRCUITS AS REQUIRED TO MAKE CONNECTION TO NEW NOTIFICATION DEVICES. EXISTING FIRE ALARM SEQUENCES OF OPERATIONS TO REMAIN.
  - PROVIDE (2) 1" CONDUITS IN WALL AND STUBBED ABOVE CEILING FOR HDMI FOR OWNER FURNISHED AND INSTALLED PROJECTOR.
  - PROVIDE SURFACE RACEWAY FOR RECEPTACLE UNDERWINDOW, COORDINATE WITH ARCHITECT FOR EXACT LOCATION AND MOUNTING OF RECEPTACLES PRIOR TO ROUGH-IN.
  - PROVIDE UNDERCARPET RACEWAY AND POWER DEVICES. RACEWAY TO INCLUDE (2) QUAD RECEPTACLES, (2) DATA PORTS, SPARE COMPARTMENT FOR HDMI CABLE, AND SPARE COMPARTMENT FOR (6) PAIRS OF 14AWG SPEAKER WIRE. PROVIDE (2) 1-1/2" SPARE CONDUITS IN WALL FROM WALL-TO-FLOOR TRANSITION POINT STUBBED TO ABOVE CEILING. SUBMIT PRODUCT FOR APPROVAL UNDER 26 05 29.
  - PROVIDE ELECTRICAL POWER CONNECTION FOR OWNER FURNISHED AND INSTALLED MOTORIZED PROJECTOR SCREEN. COORDINATE WITH AV INSTALLER.
  - RELOCATE EXISTING PANEL "PP4" AND SURGE PROTECTIVE DEVICE. EXTEND EXISTING FEEDER TO NEW LOCATION, MATCHING EXISTING FEEDER CONDUIT AND WIRE SIZE AND TYPES.
  - RELOCATED EXISTING VAV AND ASSOCIATED TOGGLE SWITCH. EXTEND EXISTING CIRCUIT.
  - EXTEND EXISTING UNSWITCHED LIGHTING CIRCUIT TO THE NEW EXIT SIGN.
  - COORDINATE EXACT LOCATION OF PROJECTOR WITH AV INSTALLER.
  - PROVIDE RECEPTACLE FOR SPEAKER AMPLIFIER. COORDINATE EXACT LOCATION AND HEIGHT OF RECEPTACLE WITH AV INSTALLER. PROVIDE (1) 1" CONDUIT IN WALL AND STUBBED ABOVE CEILING FOR SPEAKER WIRE.
  - PROVIDE (1) 1" CONDUIT TO JUNCTION BOX WITH BLACK COVER PLATE IN WALL TO ABOVE CEILING.
  - PROVIDE RECEPTACLE 4" BELOW CEILING FOR SECURITY CAMERA. COORDINATE WITH ARCHITECT FOR EXACT LOCATION.

ISSUE DATE	DESCRIPTION
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01/30/2025	100% CD SET

Revision Schedule		
No.	Date	Description
1	2/24/2025	BID ADDENDUM #3



Project Number: 24006581.00

Sheet Title:  
LEVEL 01 PLANS

E201



NAME

10'-0"

HEIGHT ABOVE PROJECT 0'-0"

1

KEYNOTE: INDICATES NOTE USED TO DESCRIBE ADDITIONAL INFORMATION ABOUT WORK REQUIRED, SPECIFIC TO THE SHEET AND/OR DETAIL

INDICATES DIRECTION OF TRUE NORTH

PLAN OR DETAIL NUMBER

1

VIEW NAME

1/8" = 1'-0"

PLAN OR DETAIL SCALE

SIM

INDICATES SIMILAR DETAIL REFERENCED IN MULTIPLE LOCATIONS

DETAIL REFERRED TO BY SECTION CUT

SHEET DETAIL IS LOCATED ON

T101

LINE TYPE AND TAG KEY:

NEW WORK BY THIS CONTRACTOR (WIDE LINE)

NEW

EXISTING TO BE REMOVED (SHORT DASHED PATTERN)

NEW UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

EXISTING TO REMAIN OR WORK BY OTHERS (NARROW LINE)

EXISTING

EXISTING TO BE REMOVED BY OTHERS (SHORT DASHED PATTERN)

EXISTING UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

HALFTONING DOES NOT MODIFY SCOPE:

TAG-E TAGS WITH DASH 'E' INDICATES THE REFERENCED OBJECT IS EXISTING

TAG-1 UNDERLINED TAG INDICATES OBJECT IS IN-SCOPE. IF NEW, ADDITIONAL INFORMATION IS AVAILABLE IN A SCHEDULE, MATERIAL LIST, OR SYMBOL LIST

INDICATES AN EXISTING SYSTEMS POINT OF CONNECTION/REMOVAL

TECHNOLOGY ABBREVIATION KEY

ABBR:	DESCRIPTION:
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
BFC	BELOW FINISHED CEILING
C	CONDUIT
DE	DELAYED EGRESS
DPDT	DOUBLE POLE DOUBLE THROW
FOV	FIELD OF VIEW
J-BOX	JUNCTION BOX
POE	POWER OVER ETHERNET
PTZ	PAN TILT ZOOM
SIM	SIMILAR
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
+#	MOUNTING HEIGHT ABOVE FINISHED FLOOR
EF-#	ENTRANCE FACILITY
MC-#	MAIN CROSS-CONNECT
TR-#	TELECOMMUNICATIONS ROOM

TECHNOLOGY SYMBOL LIST			
SYMBOL	TAG	EQUIPMENT LIST ABBREVIATION	DESCRIPTION
	RI	SC-IO-C	INFORMATION OUTLET (CEILING)
	C#	SC-IO-F	INFORMATION OUTLET CONNECTION IN FLOOR BOX
	C1	SC-IO-W	INFORMATION OUTLET (WALL)
	C2	SC-IO-W	INFORMATION OUTLET (WALL)
	C3	SC-IO-W	INFORMATION OUTLET (WALL)
	C4	SC-IO-W	INFORMATION OUTLET (WALL)
	C6	SC-IO-W	INFORMATION OUTLET (WALL)

PATHWAY SYMBOL LIST:	
SYMBOL	DESCRIPTION
	CABLE TRAY, CHANNEL TRAY, BASKET TRAY
	LADDER RACK
	CONDUIT
	CONDUIT DOWN
	CONDUIT UP OR UP/DOWN
	CONDUIT SLEEVE
	CONTINUATION

#### TECHNOLOGY SYMBOL LIST GENERAL NOTES:

- "C#" INDICATES INFORMATION OUTLET FACEPLATE CONFIGURATION. REFER TO INFORMATION OUTLET SCHEDULE ON T600 FOR ADDITIONAL INFORMATION.
- REFER TO CONTROLLED SECURITY SCHEME (CSS) TYPE SCHEDULE ON T600 FOR ADDITIONAL INFORMATION.
- "CM-#" ON FLOOR PLANS INDICATES CAMERA TYPE AND IS ASSOCIATED WITH THE CORRESPONDING "VS-CM-#" EQUIPMENT SCHEDULE ABBREVIATION. "##-#" SUBSCRIPT INDICATES FLOOR NUMBER-CAMERA NUMBER. REFER TO INDIVIDUAL CAMERA REQUIREMENT SCHEDULE FOR ADDITIONAL INFORMATION.
- INFORMATION OUTLET INSTALLED IN E.C. PROVIDED FLOOR BOX. "C#" INDICATES INFORMATION OUTLET FACEPLATE CONFIGURATION. REFER TO INFORMATION OUTLET SCHEDULE ON T600 FOR ADDITIONAL INFORMATION. PLANS AND ELECTRICAL EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
- AV INSTALLED IN E.C. PROVIDED FLOOR BOX. "AV#" INDICATES AV TYPE CONFIGURATION. REFER TO TECHNOLOGY EQUIPMENT SCHEDULE ON T600 FOR ADDITIONAL INFORMATION. REFER TO THE ELECTRICAL FLOOR PLANS FOR ADDITIONAL INFORMATION ON FLOOR BOX.
- UNDERLINED SUBSCRIPTS NEXT TO SYMBOL INDICATES DEVICE TYPE. REFER TO TECHNOLOGY EQUIPMENT SCHEDULE T600 FOR ADDITIONAL INFORMATION.
- SUBSCRIPT NEXT TO SPEAKER INDICATES SPEAKER ZONE.
- FLOOR BOX OR POKE THROUGH FOR INFORMATION OUTLET PROVIDED AS PART OF THE TECHNOLOGY DOCUMENTS. "C#" INDICATES INFORMATION OUTLET FACEPLATE CONFIGURATION. "FBS#" INDICATES FLOOR BOX TYPE. REFER TO INFORMATION OUTLET SCHEDULE ON T600 AND TECHNOLOGY EQUIPMENT SCHEDULE ON T600 FOR ADDITIONAL INFORMATION.
- FLOOR BOX OR POKE THROUGH FOR AV PROVIDED AS PART OF THE TECHNOLOGY DOCUMENTS. "AV#" INDICATES AV TYPE CONFIGURATION. "FBS#" INDICATES FLOOR BOX TYPE. REFER TO TECHNOLOGY EQUIPMENT SCHEDULE T600 FOR ADDITIONAL INFORMATION.

#### APPLICABLE CODES

CONTRACTOR SHALL COMPLY WITH APPLICABLE CODES AND LOCAL AMENDMENTS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

BUILDING CODE:	IBC 2021 EDITION
FIRE CODE:	IFC 2021 EDITION
PLUMBING CODE:	IPC 2021 EDITION
MECHANICAL CODE:	IMC 2021 EDITION
ELECTRICAL CODE:	NFPA 70 (NEC) 2020 EDITION
LIFE SAFETY CODE:	NFPA 101 2021 EDITION
ENERGY CONSERVATION CODE:	IECC 2021

SUGGESTED MATRIX OF RESPONSIBILITY				
ITEM:	SHOWN ON:	FURNISHED BY:	INSTALLED BY:	NOTES:
TECHNOLOGY ROUGH-IN, REFER TO TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR DEFINITION	T-SERIES	E.C.	E.C.	3, 4.
INFORMATION OUTLET FACEPLATES, JACKS, AND TERMINATIONS	T-SERIES	T.C.	T.C.	
CONDUIT SLEEVES (WHEN SHOWN ON DRAWINGS)	T-SERIES	E.C.	E.C.	
CONDUIT SLEEVES (NOT SHOWN BUT REQUIRED FOR PROPER INSTALLATION OF SYSTEM)	N/A	T.C.	T.C.	2, 4.
TELECOMMUNICATION SYSTEMS ROUGH-IN	T-SERIES	E.C.	E.C.	1.
TELECOMMUNICATION EQUIPMENT, CABLING, AND TERMINATIONS	T-SERIES	T.C.	T.C.	
CABLE TRAY (INCLUDING WIRE BASKET TRAY) REFER TO SPECIFICATION SECTION 27 05 28 FOR DEFINITION	T-SERIES	E.C.	E.C.	
LADDER RACK	T-SERIES	T.C.	T.C.	5.
GROUNDING LUGS ON TECHNOLOGY EQUIPMENT	T-SERIES	T.C.	E.C.	6.
BONDING SYSTEM FOR TECHNOLOGY SYSTEM, REFER TO SPECIFICATION SECTION 27 05 28 FOR DEFINITION	T-SERIES	E.C.	E.C.	7, 8.
CONNECTION OF TECHNOLOGY BONDING SYSTEM TO THE ELECTRICAL GROUND SYSTEM	T-SERIES	E.C.	E.C.	
LINE VOLTAGE POWER (+120V OR GREATER)	E-SERIES	E.C.	E.C.	
LINE VOLTAGE POWER (NOT SHOWN BUT REQUIRED FOR PROPER INSTALLATION OF SYSTEM)	N/A	T.C.	E.C.	2, 4.
LINE VOLTAGE POWER FOR DOOR HARDWARE POWER SUPPLIES	ARCH SPEC	E.C.	E.C.	
LOW VOLTAGE CABLING FOR TECHNOLOGY SYSTEMS	T-SERIES	T.C.	T.C.	
CABLE HANGERS AND SUPPORTS OR OTHER CABLE ROUTING METHODS (OTHER THAN CONDUIT AND CABLE TRAY)	T-SERIES	T.C.	T.C.	5.
TECHNOLOGY SERVICE ENTRANCE CONDUITS, HANDHOLES, AND MANHOLES	T-SERIES	E.C.	E.C.	
FLOOR BOX (ROUGH-IN)	T & E SERIES	E.C.	E.C.	

#### SUGGESTED MATRIX OF RESPONSIBILITY NOTES

- LOCATIONS OF TELECOMMUNICATIONS ROUGH-INS SHALL BE INDICATED BY THE INFORMATION OUTLET SYMBOLS ON THE DRAWINGS. REFER TO THE TECHNOLOGY SYMBOL LIST FOR ADDITIONAL INFORMATION.
- BASED ON THE INHERENT DIFFERENCES IN PRODUCTS FROM VARIOUS MANUFACTURERS, ALL REQUIRED EQUIPMENT MAY NOT BE SHOWN ON THE DRAWINGS FOR ALL ACCEPTABLE MANUFACTURERS.
- INCLUDES BACKBOXES AND CONDUIT REQUIRED FOR THE TECHNOLOGY SYSTEMS INSTALLATION. THE E.C. SHALL BASE THE BID ON THE BASIS OF DESIGN SHOWN ON THE CONTRACT DOCUMENTS.
- ALL CHANGES TO THE SLEEVES, BACKBOXES, CONDUITS, AND POWER REQUIRED BECAUSE OF THE T.C.'S SELECTION OF AN ALTERNATE ACCEPTABLE MANUFACTURER OR FROM SYSTEM CONFIGURATIONS THAT ARE LEFT TO THE CHOICE OF THE CONTRACTOR SHALL BE INCLUDED IN THE T.C.'S BID. THIS BID SHALL INCLUDE INSTALLATION BY A LICENSED ELECTRICIAN.
- UNLESS TRADE RULES DICTATE OTHERWISE.
- FURNISHED AS PART OF THE EQUIPMENT WHEN POSSIBLE. OR FURNISHED TO THE E.C. FOR INSTALLATION IN THE FIELD.
- INCLUDES ALL CONDUCTORS, GROUND BARS, AND TERMINATIONS FOR THE COMPLETE BONDING SYSTEM REQUIRED BY THE SPECIFICATIONS.
- REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS OF PANELS AND SWITCHBOARDS SHOWN IN THE TECHNOLOGY BONDING RISER DIAGRAM AND TYPICAL TELECOM ROOM BONDING FLOW DIAGRAM.

#### TECHNOLOGY SHEET INDEX

T000	TECHNOLOGY COVERSHEET
T101	LEVEL 01 DEMOLITION PLAN - TECHNOLOGY
T201	LEVEL 01 PLAN - TECHNOLOGY
T600	TECHNOLOGY SCHEDULES
GRAND TOTAL: 4	

#### TECHNOLOGY GENERAL NOTES:

- ###-###-# INDICATES TECHNOLOGY EQUIPMENT SCHEDULE ITEM LABELED AS "EQUIPMENT LIST ABBREVIATION"
- REFER TO TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR FULL DESCRIPTIONS AND MANUFACTURERS OF ALL DEVICES.

TECHNOLOGY MOUNTING SUBSCRIPT KEY:

- A MOUNT AT +6" TO CENTERLINE ABOVE COUNTER OR BACKSPLASH
- H MOUNT ORIENTED HORIZONTALLY
- L MOUNT IN CASEWORK
- M MOUNT IN MODULAR FURNITURE
- S MOUNT IN SURFACE RACEWAY

A SLASH IS USED BETWEEN TWO SUBSCRIPTS, E.G., A/H.

- REFER TO THE TECHNOLOGY EQUIPMENT SCHEDULE FOR MORE COMPLETE DESCRIPTION AND ITEMS.

#### TECHNOLOGY INSTALLATION NOTES:

- THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE ADA STANDARDS FOR ACCESSIBLE DESIGN. REFER TO THE ADA GUIDELINES FOR ALL CONFIGURATION DETAILS ON THIS PAGE FOR ADDITIONAL INFORMATION.
- CONCEAL ALL CONDUIT IN WALLS, PARTITIONS, ABOVE CEILING, IN FLOOR SLAB, ETC. UNLESS OTHERWISE INDICATED ON THE PLANS OR IN THE SPECIFICATIONS. CONDUIT IN MECHANICAL ROOMS AND STORAGE ROOMS WITHOUT CEILINGS MAY BE EXPOSED ON BUILDING STRUCTURE.
- BOXES LOCATED ON OPPOSITE SIDES OF NON-RATED WALLS SHALL BE OFFSET A MINIMUM OF 6" HORIZONTAL. BOXES ON OPPOSITE SIDES OF FIRE RATED WALLS SHALL BE OFFSET A MINIMUM OF 24" HORIZONTALLY. "THRU-THE-WALL" BOXES SHALL NOT BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER.
- VERIFY ALL FURNITURE, MODULAR FURNITURE, AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL PLANS, ELEVATIONS, AND REVIEWED SHOP DRAWINGS. PRIOR TO MAKING THE ACTUAL TELECOMMUNICATIONS INSTALLATION, ADJUST OUTLETS OR CONNECTION LOCATIONS TO ACCOMMODATE FURNITURE AND/OR EQUIPMENT.
- TELECOMMUNICATIONS EQUIPMENT SHALL BE MOUNTED TO ALLOW ACCESS TO ELECTRICAL AND MECHANICAL EQUIPMENT. ALL MOUNTINGS OF TELECOMMUNICATION DEVICES OR EQUIPMENT SUPPLIED BY ANOTHER CONTRACTOR SHALL BE APPROVED IN ADVANCE BY THE OTHER CONTRACTOR.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OPENINGS REQUIRED IN WALLS. ALL OPENINGS SHALL BE RESPONSIBLE TO MATCH EXISTING BY A QUALIFIED CONTRACTOR AT THE EXPENSE OF THIS CONTRACTOR. ALL CONDUITS THROUGH WALLS SHALL BE GROUTED OR SEALED INTO OPENINGS.
- ALL MATERIALS USED TO SEAL PENETRATIONS OF FIRE RATED WALLS AND FLOORS SHALL BE TESTED AND CERTIFIED AS A SYSTEM PER ASTM E814 STANDARDS FOR FIRE TESTS OF THROUGH-PENETRATION FIRESTOPS. REFER TO DIVISION 7 FOR ADDITIONAL INFORMATION AND REQUIREMENTS SPECIFIC TO FIRESTOPPING.
- THE TECHNOLOGY CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF THE CEILINGS, CEILING TILES, AND CEILING GRID ASSOCIATED WITH THE AREAS OF WORK BY ALL CONTRACTORS. NOTIFY THE GENERAL CONTRACTOR OF AFFECTED AREAS PRIOR TO BIDDING.
- ALL LADDER RACK AND CABLE TRAY SIZES ARE AS DEFINED ON THE DRAWINGS. REFER TO SPECIFICATION SECTION 27 05 28 FOR APPROVED MANUFACTURERS AND INSTALLATION REQUIREMENTS.
- EACH CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED BY THEIR ACTIONS TO THE WALLS, FLOORS, CEILINGS, AND ROOFS. THE CONTRACTOR WHOSE WORK CAUSES DAMAGE IS RESPONSIBLE FOR PATCHING TO MATCH ORIGINAL CONSTRUCTION, FIRE RATING, AND FINISH.
- FLUSH MOUNT ALL TELECOMMUNICATION OUTLETS AT +18" FROM FLOOR (CENTERLINE DIMENSION), EXCEPT WHERE OTHERWISE NOTED. OUTLETS MAY BE SURFACE MOUNTED WHEN CONDUIT IS SPECIFIED EXPOSED.
- MOUNT BACKBOXES FLUSH WITH WALL. ALL BACKBOX HEIGHTS ARE TO CENTERLINE DIMENSION, UNLESS OTHERWISE NOTED.
- PROVIDE RACEWAY AND BOXES LISTED FOR THE INSTALLED ENVIRONMENT. SEAL RACEWAY AND BOX FROM WATER AND MOISTURE AT TRANSITION BETWEEN DIFFERENT ENVIRONMENTAL CONDITIONS SUCH AS INTERIOR/EXTERIOR, TEMPERATURE CHANGES, ETC.

#### TECHNOLOGY OUTSIDE PLANT NOTES

- THE LOCATION OF THE CONDUIT, HAND HOLES AND/OR MAINTENANCE HOLES SHOWN ARE APPROXIMATE LOCATIONS. FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIVATE AND/OR PUBLIC PRIOR TO THE INSTALLATION OF THE COMPONENT. FIELD COORDINATE THE FINAL LOCATION WITH THE OWNER AND ENGINEER PRIOR TO INSTALLATION.
- POTHOLES TO LOCATE EXISTING UNDERGROUND UTILITIES, IF APPLICABLE, SHALL BE INCLUDED IN THE CONTRACTORS BID. CONTRACTOR IS RESPONSIBLE FOR FINAL PLACEMENT OF HAND HOLES AND/OR MAINTENANCE HOLES AND SHALL NOTIFY THE ENGINEER OF FINAL LOCATIONS PRIOR TO INSTALLATION.
- HAND HOLES AND/OR MAINTENANCE HOLES SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE GROUND LINE.
- REMOVAL AND REPLACEMENT OF THE EXISTING UNDERGROUND UTILITIES THAT ARE REQUIRED TO COMPLETE THE INSTALLATION SHALL BE INCLUDED IN THE CONTRACTOR'S BID.
- CONTRACTOR SHALL INCLUDE IN THEIR BID ANY REMOVAL AND REPLACEMENT OF EXISTING SIDEWALK, PAVEMENT, GRASS, SHRUBS, TREES, ETC. THAT WILL BE IMPACTED BY THE INSTALLATION OF THE NEW CONDUITS SHOWN ON THE DRAWINGS. IF TREES ARE REQUIRED TO BE REMOVED THE CONTRACTOR SHALL CONTACT THE OWNER AND DISCUSS OPTIONS PRIOR TO CUTTING DOWN ANY TREE OR SHRUB OVER 5' IN HEIGHT.
- NO ADDITIONAL COST SHALL BE APPROVED FOR PLACING CONDUITS DEEPER THAN REQUIRED MINIMUM DEPTH TO AVOID EXISTING UNDERGROUND UTILITIES.
- PROVIDE A MINIMUM OF 25'-0" SLACK LOOP WITHIN EACH HAND HOLES AND/OR MAINTENANCE HOLES. SLACK LOOP SHALL BE SECURE SO COPPER OR FIBER IS NOT RESTING ON EARTH AFTER FINAL INSTALLATION.

#### TECHNOLOGY DEMOLITION NOTES

- THE DRAWINGS INDICATE EXISTING ITEMS TO BE REMOVED. THE DRAWINGS ARE INTENDED TO INDICATE THE SCOPE OF WORK REQUIRED AND DO NOT INDICATE EVERY BOX, CONDUIT, OR WIRE THAT MUST BE REMOVED. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING A BID AND VERIFY EXISTING CONDITIONS.
- ITEMS (i.e. SPEAKERS, SWITCHES, ETC.) REMOVED AND NOT RELOCATED REMAIN THE PROPERTY OF THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF MATERIAL THE OWNER DOES NOT WANT TO REUSE OR RETAIN. (i.e., FOR MAINTENANCE PURPOSES).
- EXISTING TO REMAIN DEVICES WITHIN OR ADJACENT TO THE PATH OF CONSTRUCTION SHALL BE PROTECTED IN PLACE. DEVICES THAT MUST BE REMOVED SHALL BE TESTED PRIOR TO REMOVAL, PROTECTED FROM DAMAGE, AND RE-INSTALLED IN ITS ORIGINAL LOCATION DURING THE NEW CONSTRUCTION PHASE OF THE PROJECT.
- OBTAIN APPROVAL FROM THE OWNER BEFORE TURNING OFF THE POWER TO EQUIPMENT, SYSTEMS, PANELS, ETC. COORDINATE ALL OUTAGES WITH OWNER. CONDUIT CONCEALED IN WALL CONSTRUCTION MAY BE ABANDONED IN PLACE IF NOT AFFECTED BY OTHER CONSTRUCTION.
- ALL CONDUIT SHALL BE REMOVED WHERE WALLS ARE BEING REMOVED. WHERE CONDUIT IS IN THE CONCRETE SLAB, CUT OFF FLUSH, PULL OUT WIRE, AND PLUG. WHERE CONDUIT IS RUN EXPOSED, ALL ASSOCIATED CLAMPS, SUPPORTS, HANGERS, ETC., SHALL ALSO BE REMOVED.
- COORDINATE ALL WORK WITH OTHER CONTRACTORS AT THE JOB SITE BEFORE REMOVING EXISTING EQUIPMENT AND INSTALLING NEW ITEMS.
- EXISTING CONDUIT IN GOOD CONDITION, MAY BE REUSED IN PLACE. RELOCATING EXISTING CONDUIT SHALL NOT BE ALLOWED. BONDING CONDUCTORS SHALL BE INSTALLED IN ALL REUSED CONDUIT TO ASSURE PROPER GROUND PATH.
- EQUIPMENT REMOVAL, IN CERTAIN LOCATIONS MAY REQUIRE THE INSTALLATION OF A JUNCTION BOX TO RECONNECT CIRCUITS THAT REMAIN IN OPERATION. EXTEND CONDUIT AND WIRING AS REQUIRED TO MAINTAIN POWER TO REMAINING EQUIPMENT.
- DEVICES TO BE REMOVED SHALL HAVE ALL CONNECTED WIRING REMOVED TO THE SOURCE.
- DEVICES NOT TO BE REMOVED SHALL BE PROTECTED FROM THE ENVIRONMENT, AND ALL ASSOCIATED CABLE/RACEWAYS ARE TO REMAIN AND BE PROTECTED. T.C. SHALL BE RESPONSIBLE FOR REPAIR OF ANY INTERRUPTIONS TO PROTECTED DEVICES.
- REFER TO SPECIFICATIONS SECTION 27 05 00 FOR ADDITIONAL INFORMATION.

EAST CENTRAL COLLEGE

EAST CENTRAL COLLEGE  
RESPIRATORY CARE PROGRAM  
HEALTH & SCIENCE BUILDING  
1964 PRAIRIE DELL ROAD  
UNION, MO 63804

ARCTURIS

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SAINT LOUIS, MO 63101  
314.206.7100

IMEG

16 SUNNEN DRIVE, SUITE 104  
SAINT LOUIS, MO 63143  
314.257.0632

NAVIGATE  
BUILDING SOLUTIONS

8419 MANCHESTER ROAD  
SAINT LOUIS, MO 63144  
618.960.4116

#### OWNER'S REPRESENTATIVE

NAVIGATE - (618) 960-4116

MECHANICAL ENGINEER

IMEG - (314) 257-0632

ELECTRICAL ENGINEER

IMEG - (314) 257-0632

PLUMBING ENGINEER

IMEG - (314) 257-0632

FIRE PROTECTION ENGINEER

IMEG - (314) 257-0632

TECHNOLOGY ENGINEER

IMEG - (314) 257-0632

#### ISSUE DATE

12/12/2024

01/21/2025

01/30/2025

90% DD SET

90% CD SET

100% CD SET

#### Revision Schedule

No. Date Description

1 2/24/2025 BID ADDENDUM #3

#### Key Plan:

Project Number: 24006581.00

Sheet Title:  
TECHNOLOGY COVERSHEET

T000

ADA GUIDELINES - FRONT ACCESS

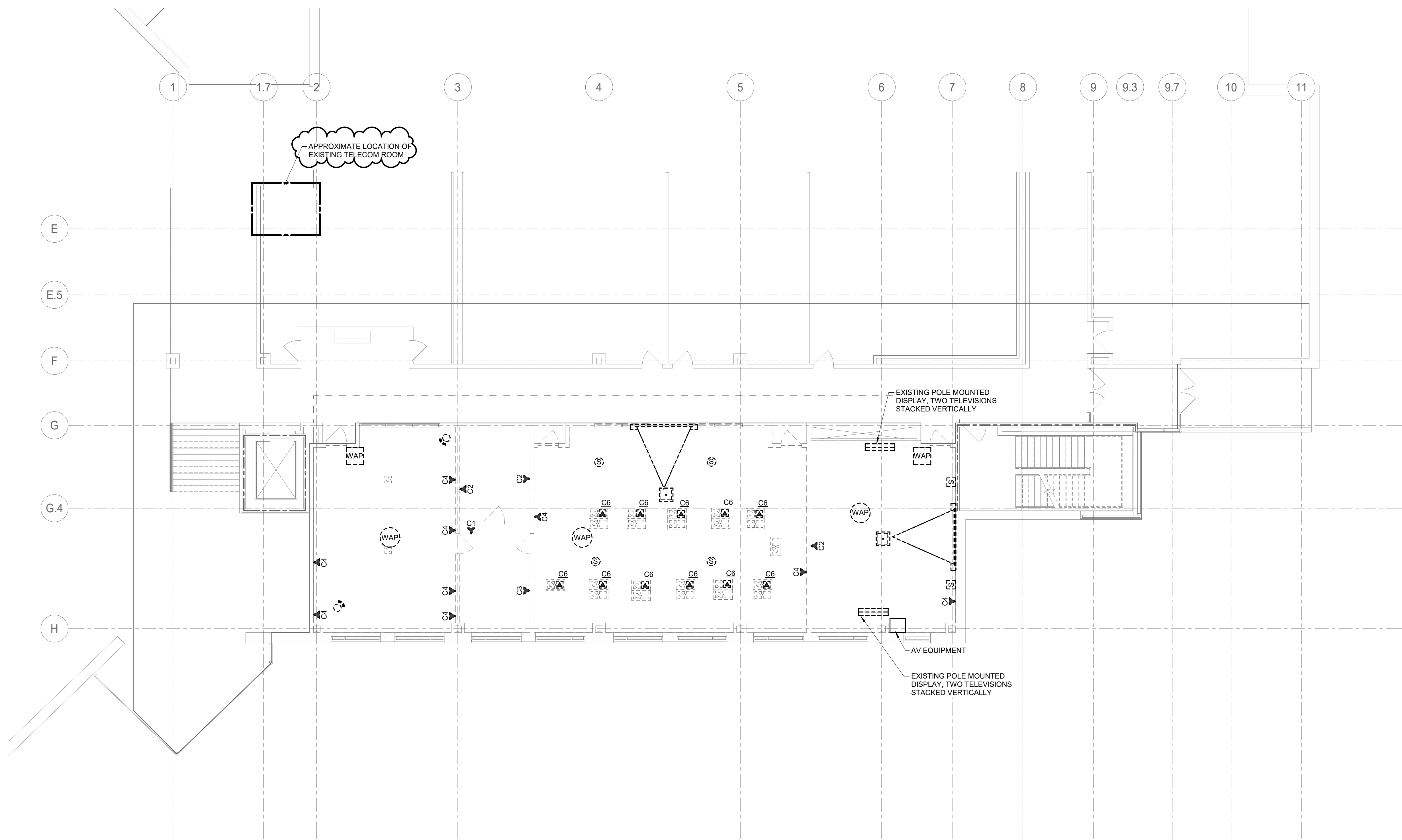
ADA GUIDELINES - SIDE ACCESS

#### ADA STANDARDS FOR ACCESSIBLE DESIGN

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1 2 3  
REF. SCALE IN INCHES PROJECT #24006581.00



- SHEET NOTES:**
1. CAMERAS, WAPS, PROJECTORS, SPEAKERS AND DISPLAYS ARE TO BE CAREFULLY REMOVED AND PROVIDED TO OWNER OR REINSTALLED.
  2. WHENEVER POSSIBLE, THE CONTRACTOR SHALL COIL EXISTING CABLE ABOVE CEILING FOR RE-TERMINATION IF CABLE LENGTH WILL ALLOW. RE-TERMINATED CABLES SHALL BE TESTED FOR WIRE MAP AND CONTINUITY.



**1** LEVEL 01 DEMOLITION PLAN - TECHNOLOGY  
1/8" = 1'-0"

**IMEG**  
15 SUNNEN DRIVE  
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REF. SCALE IN INCHES: 0 1 2 3  
PROJECT #24006581-00

**EAST CENTRAL COLLEGE**  
RESPIRATORY CARE PROGRAM  
HEALTH & SCIENCE BUILDING  
1964 PRAIRIE DELL ROAD  
UNION, MO 63804

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Key Plan:

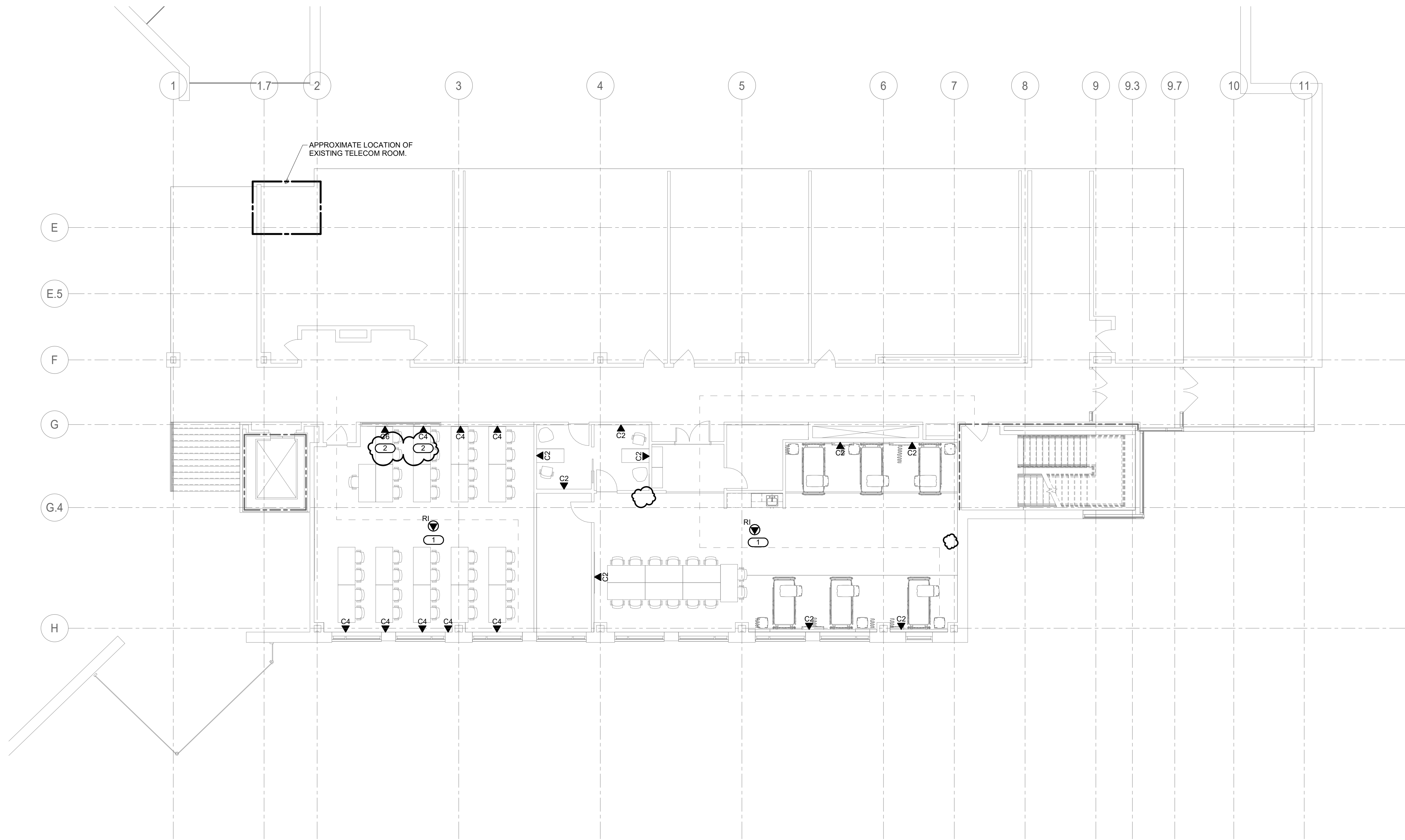
Project Number: **24006581.00**

Sheet Title:  
**LEVEL 01 DEMOLITION PLAN - TECHNOLOGY**

**T101**



- KEYNOTES: #
1. CONTRACTOR TO INSTALL ROUGH-IN FOR OWNER
  2. CONTRACTOR TO INSTALL ROUGH-IN FOR OWNER
  3. CONTRACTOR TO INSTALL ROUGH-IN FOR OWNER
  4. CONTRACTOR TO INSTALL ROUGH-IN FOR OWNER
  5. CONTRACTOR TO INSTALL ROUGH-IN FOR OWNER
  6. CONTRACTOR TO INSTALL ROUGH-IN FOR OWNER
  7. CONTRACTOR TO INSTALL ROUGH-IN FOR OWNER
  8. CONTRACTOR TO INSTALL ROUGH-IN FOR OWNER
  9. CONTRACTOR TO INSTALL ROUGH-IN FOR OWNER
  10. CONTRACTOR TO INSTALL ROUGH-IN FOR OWNER
  11. CONTRACTOR TO INSTALL ROUGH-IN FOR OWNER



**LEVEL 01 PLAN - TECHNOLOGY**  
1/8" = 1'-0"

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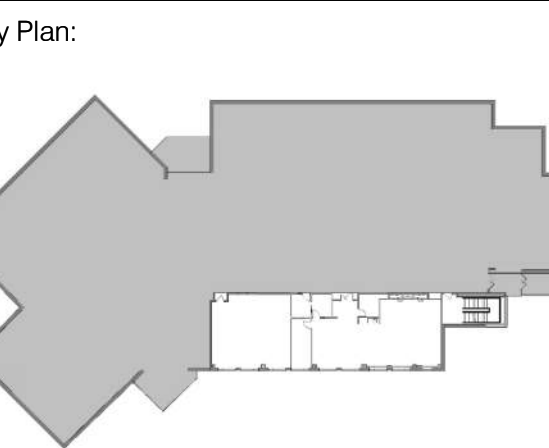
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Sheet Title:  
**LEVEL 01 PLAN - TECHNOLOGY**

**T201**



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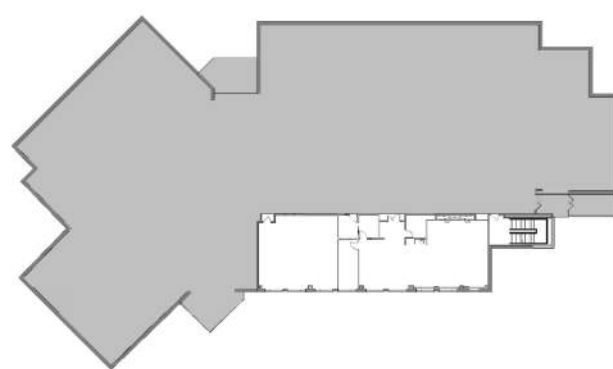
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Project Number: 24006581.00

Sheet Title:  
TECHNOLOGY SCHEDULES

T600

2-Port Faceplate

4-Port Faceplate

6-Port Faceplate

REFER TO SPECIFICATIONS FOR IDENTIFICATION REQUIREMENTS (TYP.)

NUMBER INDICATES FACEPLATE POSITION (TYP.)

ANSI/TIA/EIA T568B PIN/PAIR ASSIGNMENT

NOTES:  
1. PROVIDE REMOVABLE BLANK INSERT(S) FOR ALL UNUSED PORTS.  
2. REFER TO SPECIFICATIONS SECTION 27 05 53 FOR ADDITIONAL INFORMATION ON LABELING REQUIREMENTS.

SCHEDULE NOTES:  
1. LOCATION OF FUTURE OR OWNER PROVIDED WIRELESS ACCESS POINT. PROVIDE A 20' SLACK COIL AT THE NEAREST CABLE SUPPORT FOR POSSIBLE RELOCATION AFTER WIRELESS SURVEY.

LEGEND

DATA	CAT 6 RJ-45

CONFIGURATION	FACEPLATE PORTS	FACEPLATE PORT IDENTIFICATION						NOTES
		POSITION 1 JACK TYPE	POSITION 2 JACK TYPE	POSITION 3 JACK TYPE	POSITION 4 JACK TYPE	POSITION 5 JACK TYPE	POSITION 6 JACK TYPE	
C2	2	DATA	DATA					
C4	4	DATA	DATA	DATA	DATA			
C6	6	DATA	DATA	DATA	DATA	DATA	DATA	
RI	1	DATA						ROUGH-IN ONLY

TECHNOLOGY EQUIPMENT SCHEDULE

THE EQUIPMENT LIST ABBREVIATIONS AND THE TECHNOLOGY EQUIPMENT SCHEDULE ARE FOR THE CONVENIENCE OF THE CONTRACTOR. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES AND SHALL FURNISH ALL MATERIAL REQUIRED, WHETHER SPECIFIED OR NOT, TO PRODUCE A SATISFACTORY WORKING SYSTEM.

CATALOG NUMBERS ARE NOT TO BE CONSIDERED COMPLETE BUT ARE GIVEN ONLY TO AID THE CONTRACTOR IN THE SEARCH FOR MATERIAL. NO MATERIAL SHALL BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. EACH CONTRACTOR SHALL FIRST READ THE COMPLETE DESCRIPTION OF THE MATERIAL ON THESE DRAWINGS AND SPECIFICATIONS. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN. "STANDARD COLOR" INDICATES FACTORY FINISH AVAILABLE AT NO ADDITIONAL CHARGE.

EQUIPMENT LIST ABBREVIATION	EQUIPMENT LIST DESCRIPTION	MANUFACTURER AND MODEL
SC-IO-C	ROUGH-IN FOR OWNER FURNISHED AND INSTALLED WIRELESS ACCESS POINT.	OWNER FURNISHED
SC-IO-W	INFORMATION OUTLET, WALL MOUNT, 2, 4, 6-PORT COVERPLATE AS INDICATED ON DRAWINGS.  "P" INDICATES INFORMATION OUTLET FACEPLATE CONFIGURATION AS INDICATED ON THE PLANS. SEE INFORMATION OUTLET SCHEDULE FOR PIN CONFIGURATION.  INSTALL INFORMATION OUTLET IN A 4" SQUARE BACKBOX WITH A SINGLE GANG PLASTER RING. INSTALL A 1" EMT CONDUIT TO CLOSET SERVING THE SPACE. PROVIDE REMOVABLE BLANK INSERTS FOR UNUSED PORTS (PANDUIT OR APPROVED EQUAL)	COVERPLATE: PANDUIT CPPE2 SERIES CPPE4 SERIES CPPE6 SERIES JACK: CAT 6

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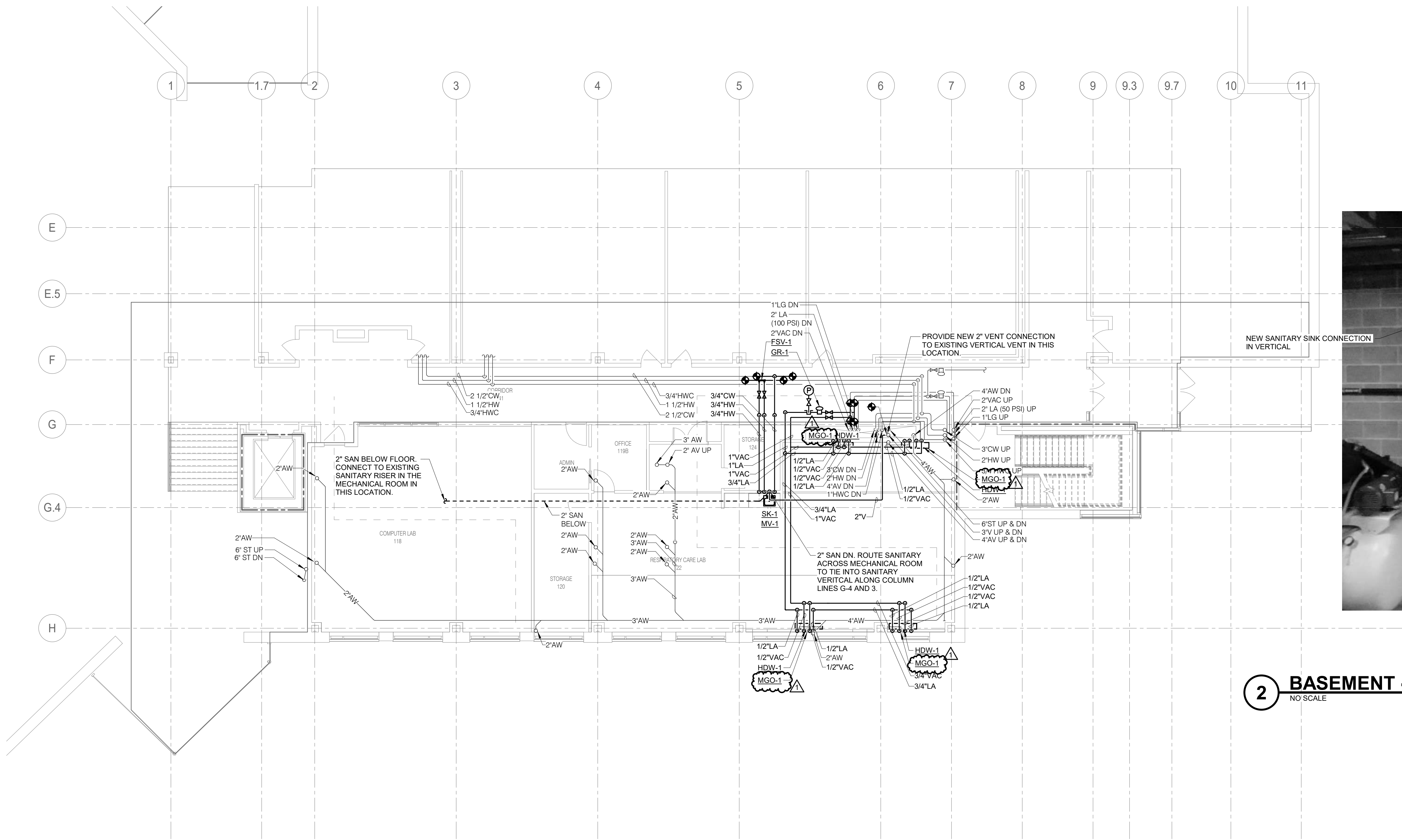
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GENERAL NOTES:  
1. EXISTING CONDITIONS SHOWN ARE BASED ON INFORMATION AVAILABLE FROM EXISTING DRAWINGS AND LIMITED FIELD VERIFICATION. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK.



2 BASEMENT - SANITARY RISER - PLUMBING  
NO SCALE

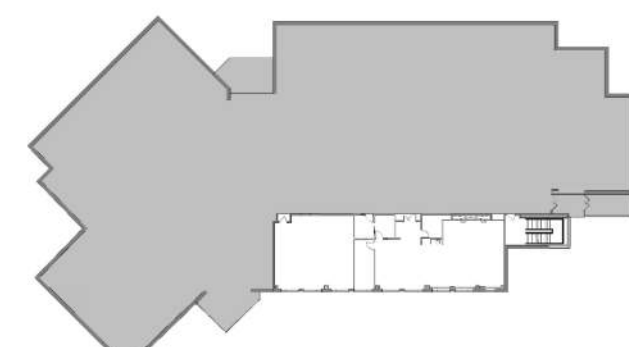


1 LEVEL 01 PLAN - PLUMBING  
1/8" = 1'-0"

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Key Plan:



Project Number: 24006581.00

Sheet Title:  
LEVEL 01 PLAN - PLUMBING

P201



PLUMBING MATERIAL LIST		
TAG	DESCRIPTION	MANUFACTURER AND MODEL
FSV-1	FLOW SPLITTER VENTURI - SAME SIZE AS PIPE, LEAD-FREE CORROSION RESISTANT RED BRASS BODY, DUAL TEE ASSEMBLY VALVE, INTERNAL SELF-ADJUSTING FLOW REGULATOR, FACTORY LOOP LINE QUARTER TURN SHUT OFF VALVES, FACTORY INSULATION JACKET, BUILT IN SELF REGULATING, SELF CLEANING, REPLACEABLE, DYNAMIC VENTURI STYLE FLOW DIVERTING CARTRIDGE INSERT, NSF 61/372 CERTIFIED.	
	CONFIGURED WITH FEMALE NPT THREAD CONNECTIONS AND QUARTER TURN FULL BORE STOP VALVES ON LOOP LINE CONNECTIONS.	FLOW SPLITTING VENTURI - KEMPER (661 06)
	RECIRCULATION PIPING FROM FLOW SPLITTER SHALL BE RUN TO CONNECTION POINT OF ANGLE STOPS SERVING FIXTURES. INSTALL PER MANUFACTURERS RECOMMENDATIONS.	
GR-1	COMPRESSED AIR PRESSURE REGULATOR - CAST IRON BODY, INTERNAL PRESSURE RELIEF, THREADED CONNECTIONS, ADJUSTABLE PRESSURE SETTING, TIGHT SHUTOFF. 100 PSI INLET PRESSURE, 50 PSI OUTLET PRESSURE, 380 CFH CAPACITY, MINIMUM CONTROLLABLE FLOW OF 30 CFH.	FISHER, ITRON, SENSUS, MAXITROL
MV-1	MIXING VALVE - POINT-OF-USE ANTI-SCALD THERMOSTATIC MIXING VALVE ARRANGEMENT FOR TEMPERED WATER CONTROL, ALL BRONZE/BRASS CONSTRUCTION, ROUGH FINISH, UNION/THREADED INLETS WITH STRAINERS, COMBINATION CHECK STOPS OR SEPARATE SUPPLY CHECK VALVES AND SHUT OFF VALVES. 0.5 GPM OUTPUT MINIMUM. UNIT TO MIX 140 DEGREE F HOT WATER SUPPLY AND 40 DEGREE F COLD WATER SUPPLY FOR 110 DEGREE F OUTLET. UNIT SHALL BE ASSE 1070 LISTED AND APPROVED. VALVE SHALL COMPLY WITH FEDERAL ACT S.3874.	LEONARD (170-LF/270-LF/370-LF), ACORN CONTROLS (ST7069), APOLLO (34BLF), BRADLEY (S59 SERIES), LAWLER (310/570), POWERS (SERIES LFM435), SYMMONS (8216CK MAXLINE SERIES), WATTS (LFMMV), WILKINS (ZW1070XL)
SK-1	SINK - SELF-RIMMING SINGLE COMPARTMENT WITH FAUCET DECK, 18 GAUGE TYPE 304 STAINLESS STEEL, 18" (SIDE-TO-SIDE) x 18" (FRONT-TO-BACK) OVERALL SIZE, 11-1/2" x 16" x 8-1/2" DEEP BOWL, SOUND DEADENING ON BOTTOM OF BASIN, 3-1/2" DIAMETER DRAIN OUTLET LOCATION OFF-CENTERED REAR IN BOWL, PERFORATED TYPE 304 STAINLESS STEEL GRID STRAINER. SINK TRIM - TWO HANDLE MIXING FAUCET, BRASS CONSTRUCTION, CHROME-PLATED FINISH, GOOSENECK RIGID SPOUT, NOMINAL 8" REACH, AERATOR, LEVER BLADE HANDLES AT 8" CENTERS, 1/4-TURN OPERATION CERAMIC DISC CARTRIDGE. MAXIMUM FLOW TO BE 2.2 GPM IN COMPLIANCE WITH ENERGY POLICY ACT OF 2005 AND ASME/ANSI STANDARD A112.18.1M. FAUCET SHALL COMPLY WITH FEDERAL ACT S.3874. PROVIDE RESTRICTIVE DEVICE AND ESCUTCHEON PLATE AS REQUIRED. PROVIDE WITH MV-1 ACCESSORIES - OFFSET 1-1/2" 17 GAUGE CHROME-PLATED BRASS TAILPIECE AND P-TRAP, QUARTER-TURN BALL VALVE TYPE 3/8" CHROME-PLATED BRASS ANGLE SUPPLIES WITH LOOSE KEY STOPS, CHROME-PLATED SOFT COPPER OR FLEXIBLE STAINLESS STEEL SUPPLY LINES.	SINK - ELKAY (LRAD/LKAD18), JUST (SL-ADA/J-ADA-35-FS), FRANKS (ALBS), ACORN-SINKS (SDADA) SINK TRIM - CHICAGO FAUCET (786), AMERICAN STANDARD (7230.000), MOEN (6225), SPEAKMAN (SC-3000 SERIES), T&S BRASS (B-2866-05CR), ZURN (Z331-XL)

PIPE INSULATION SCHEDULE (PLUMBING)

GENERAL NOTES:  
1. REFER TO THE SPECIFICATIONS FOR TYPE DESCRIPTIONS AND JACKETING REQUIREMENTS.  
2. TYPE A INSULATION IS NOT ALLOWED IN NON-AIR CONDITIONED SPACES, SUCH AS MECHANICAL ROOMS, EXTERIOR, ATTICS, ETC.  
3. TYPE B INSULATION GREATER THAN 1" THICK SHALL BE INSTALLED USING MULTIPLE LAYERS OF 3/4" OR 1" WITH STAGGERED SEAMS.  
4. PROVIDE RIGID INSERT AT HANGERS, EITHER PRE-MANUFACTURED COUPLINGS (REFER TO PIPE HANGER AND SUPPORTS SPECIFICATIONS) SEE SPEC. FOR MORE DETAILS.


SYMBOL	PIPE SYSTEM	INSULATION TYPE	INSULATION THICKNESS PER NOMINAL PIPE OR TUBE SIZE			NOTES
			< 1"	1" TO < 1.5"	1.5" TO < 4"	
CW	COLD WATER - POTABLE	A (GlsFbr), B (Elasto)	A 0.5", B 0.5"	A 0.5", B 0.5"	A 1", B 1"	
HW	HOT WATER - POTABLE	A (GlsFbr), B (Elasto)	A 1", B 1"	A 1", B 1"	A 1", B 1"	
HWC	HOT WATER CIRCULATING - POTABLE	A (GlsFbr), B (Elasto)	A 1", B 1"	A 1", B 1"	A 1", B 1"	

MEDICAL GAS MATERIAL LIST		
TAG NAME	DESCRIPTION	MANUFACTURER AND MODEL
HDW-1	PRE-MANUFACTURED ASSEMBLY PROVIDED BY CONTRACTOR. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR CONNECTING MEDICAL GAS PIPING TO HEADWALL ASSEMBLY AND FOR ALL TESTING AS REQUIRED BY NFPA-49. NUMBERS AND TYPES OF OUTLETS ARE FOR REFERENCE ONLY. VERIFY WITH ACTUAL EQUIPMENT PURCHASED. THIS HEADWALL CONTAINS THE FOLLOWING LAB GAS OUTLETS: [ 2 ] COMPRESSED AIR (LA) OUTLET(S) [ 2 ] VACUUM (VAC) INLET(S) [ 2 ] BLANK OUTLETS	CONTRACTOR PROVIDED. CONTRACTOR INSTALLED.
MGO-1	MEDICAL GAS OUTLET GROUP WILL CONTAIN THE FOLLOWING MEDICAL GAS OUTLETS: [ 2 ] COMPRESSED AIR (LA) OUTLET(S) [ 2 ] VACUUM (VAC) INLET(S) [ 2 ] BLANK OUTLET(S) REFER TO 'OUTLETS' FOR ADDITIONAL INFORMATION.	BEACONMEDAES, OHIO MEDICAL PATTONS MEDICAL, TRI-TECH, AMICO, POWEREX
OUTLETS	MEDICAL GAS SERVICE OUTLET - RECESSED QUICK CONNECT TYPE WALL OUTLET. ROUGHING IN ASSEMBLY AND FINISH ASSEMBLY, MOUNTING FLANGES, PLASTER STRIKE, SECONDARY CHECK, 3/8" O.D. TYPE K COPPER INLET TUBE, LABEL IDENTIFYING SPECIFIC GAS BY NAME AND COLOR, BRUSHED STAINLESS STEEL FINISHING PLATE. SYMBOLS FOR OUTLETS ARE AS FOLLOWS: LA - COMPRESSED AIR VAC - VACUUM PROVIDE ONE VACUUM SLIDE ASSEMBLY WITH EACH VACUUM SERVICE ALL OUTLETS SHALL BE OHMEDA/MEDAES STYLE. VERIFY THE CONNECTION STYLE OF MEDICAL GAS OUTLET IS COMPATIBLE WITH...	BEACONMEDAES, OHIO MEDICAL PATTONS MEDICAL, TRI-TECH, AMICO, POWEREX

PLUMBING ROUGH-IN SCHEDULE

NOTES: (APPLIES TO ALL PLUMBING FIXTURES LISTED BELOW)  
1) SIZES SHOWN ARE MINIMUMS. LARGER SIZES SHOWN ON THE DRAWING SHALL DICTATE THE ROUGH-IN SIZE. 2) SANITARY RISERS UP IN WALL TO FIXTURES SHALL BE A MINIMUM OF 2". 3) DOMESTIC WATER BRANCH PIPING OUTSIDE OF THE WALL/CHASE SHALL BE A MINIMUM OF 3/4" UNLESS NOTED OTHERWISE. ONLY THE FINAL RISE-DROP SHALL BE SMALLER. 4) FINAL SANITARY SIZE SHALL MATCH P-TRAP SIZE (REFER TO MATERIAL LIST).

TAG NAME	DESCRIPTION	COLD WATER	HOT WATER	SANITARY	VENT
SK-1	SINK (ACCESSIBLE)	1/2"	1/2"	1 1/2"	1 1/2"



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01"=1'-0"

0"1"2"3"

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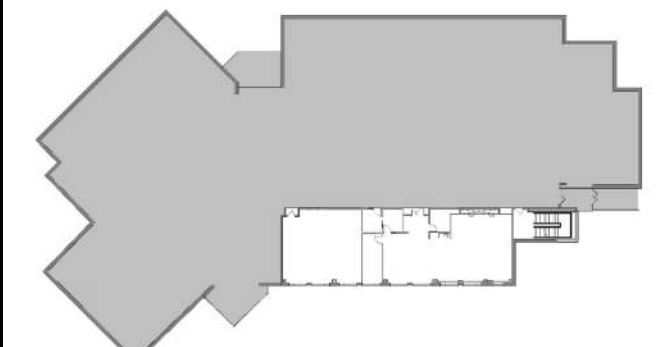
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P600