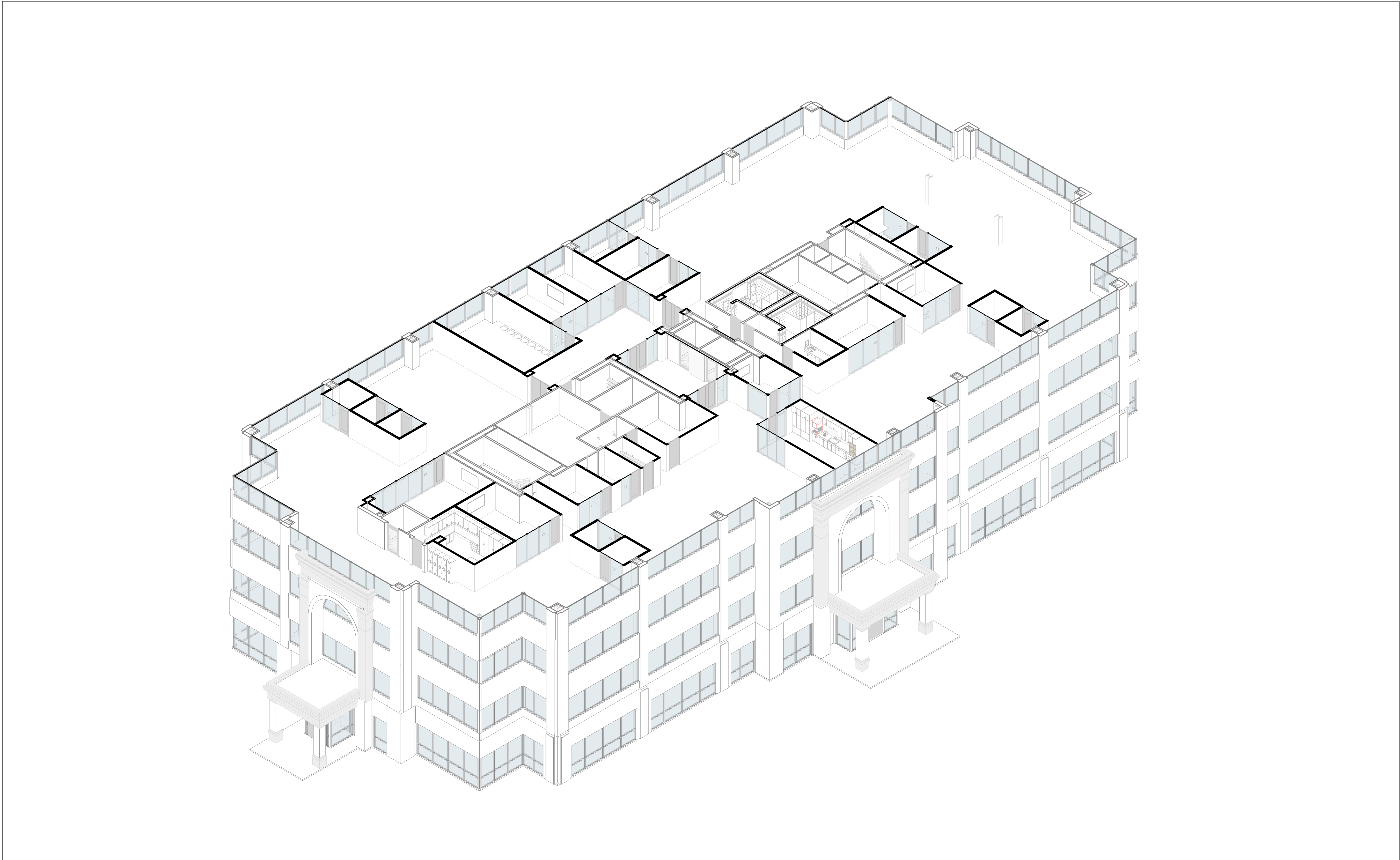


INTERMOUNTAIN ~ SHC 4TH FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123
CLIENT PROJECT NUMBER: 00000



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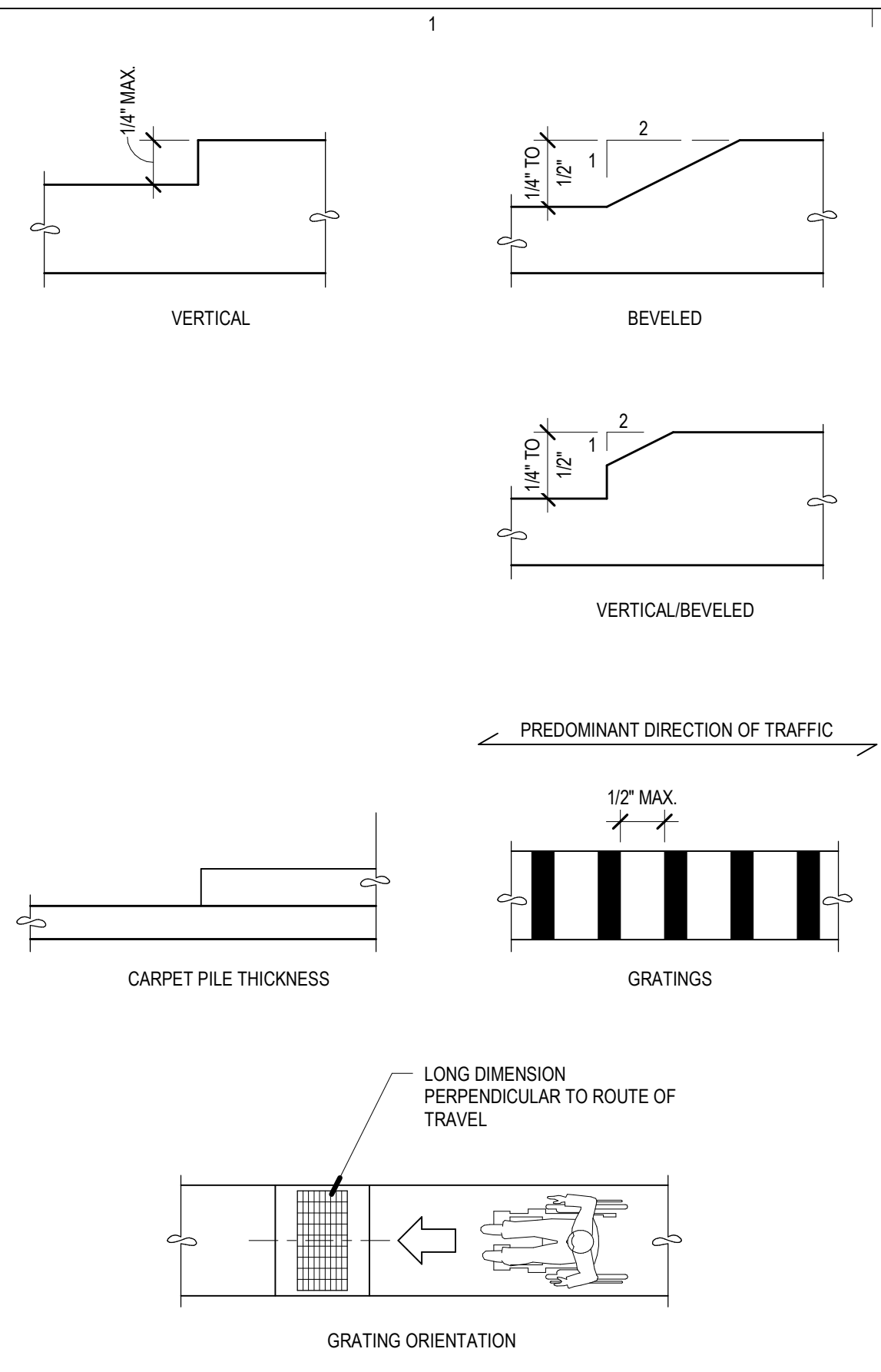


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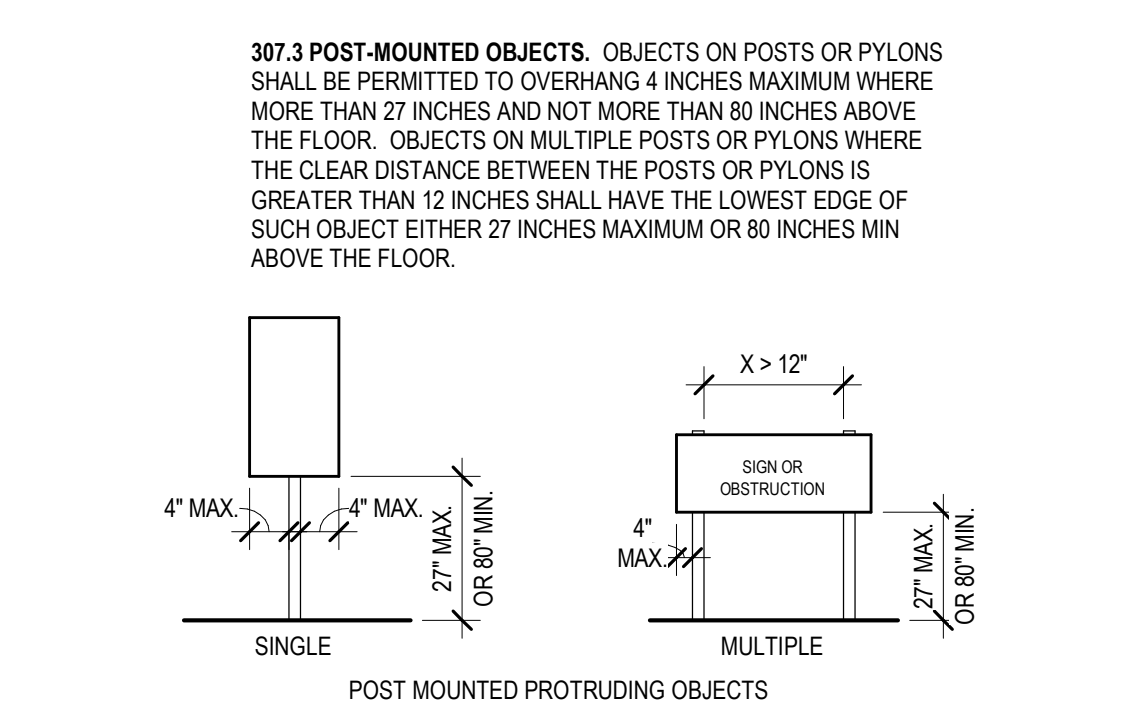
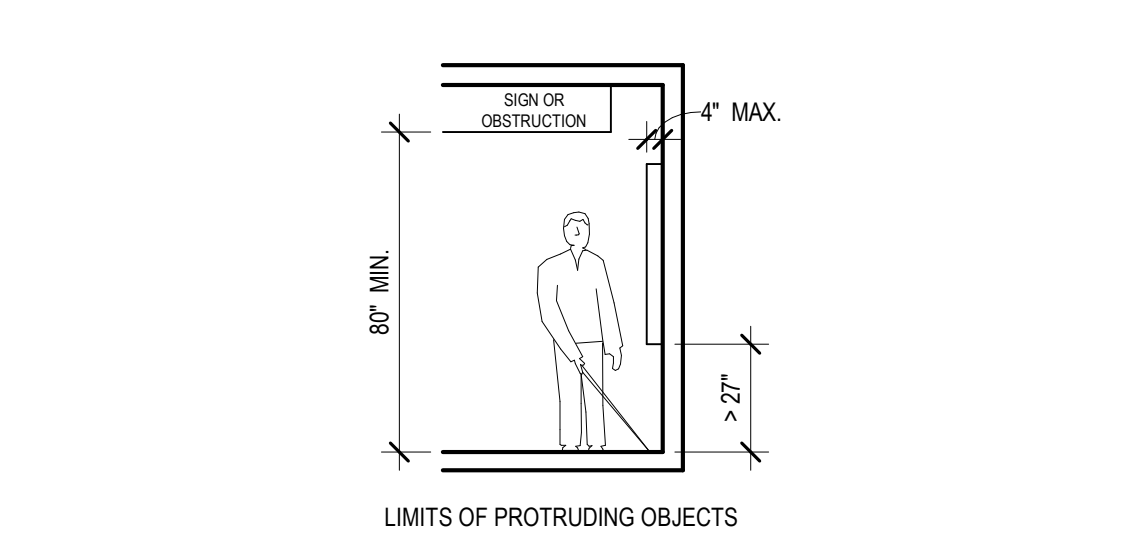
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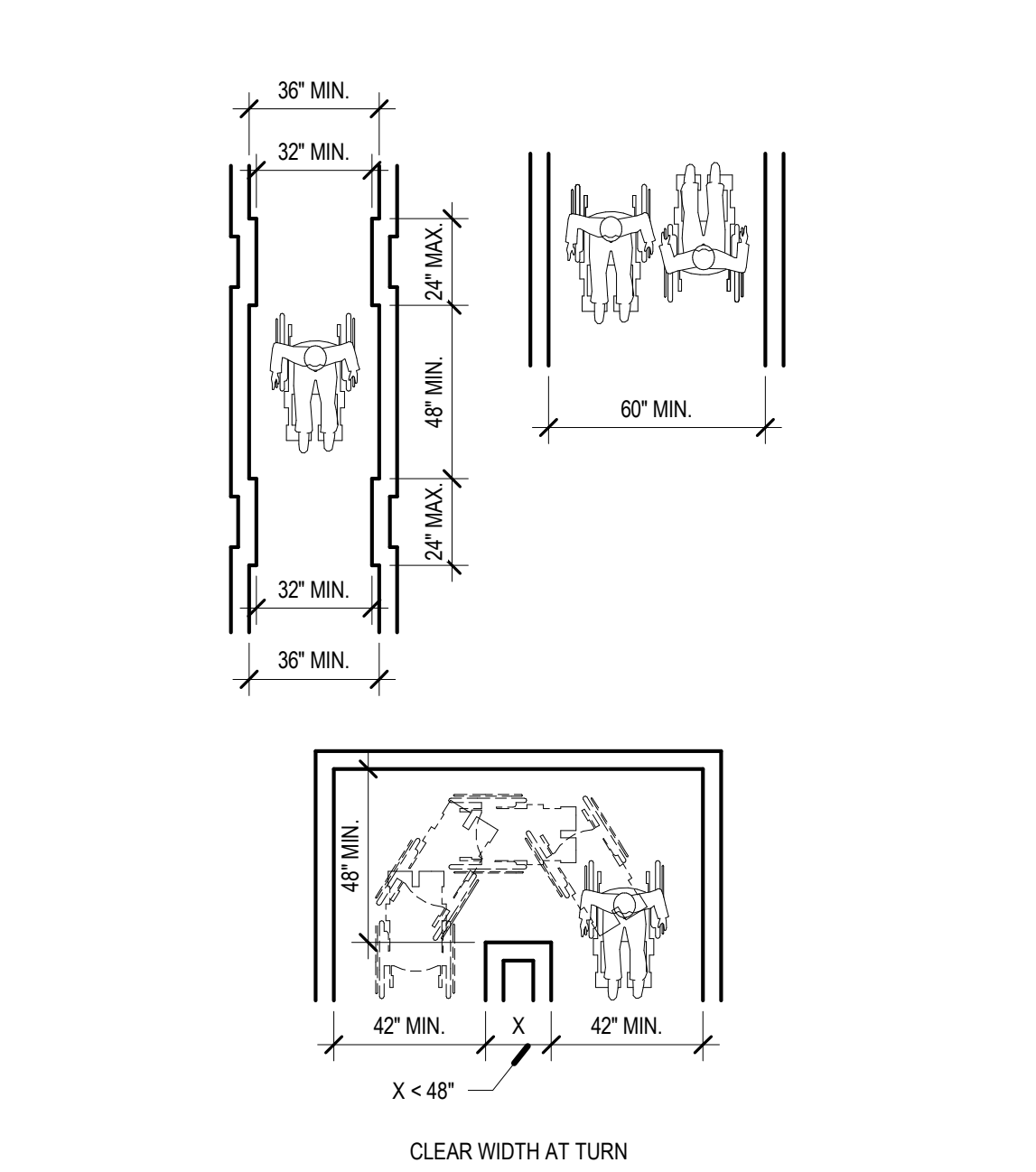
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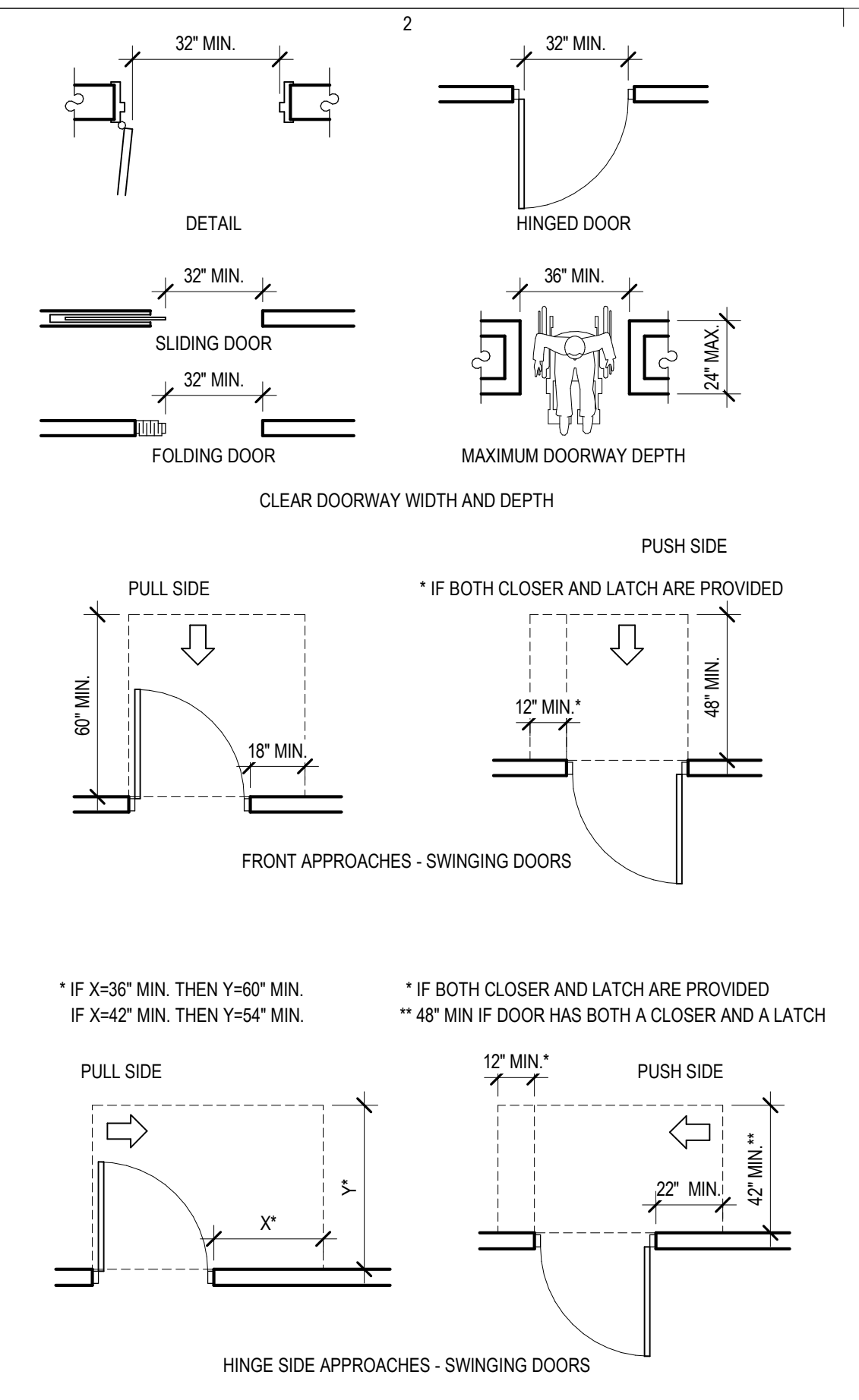
303. CHANGES IN LEVEL



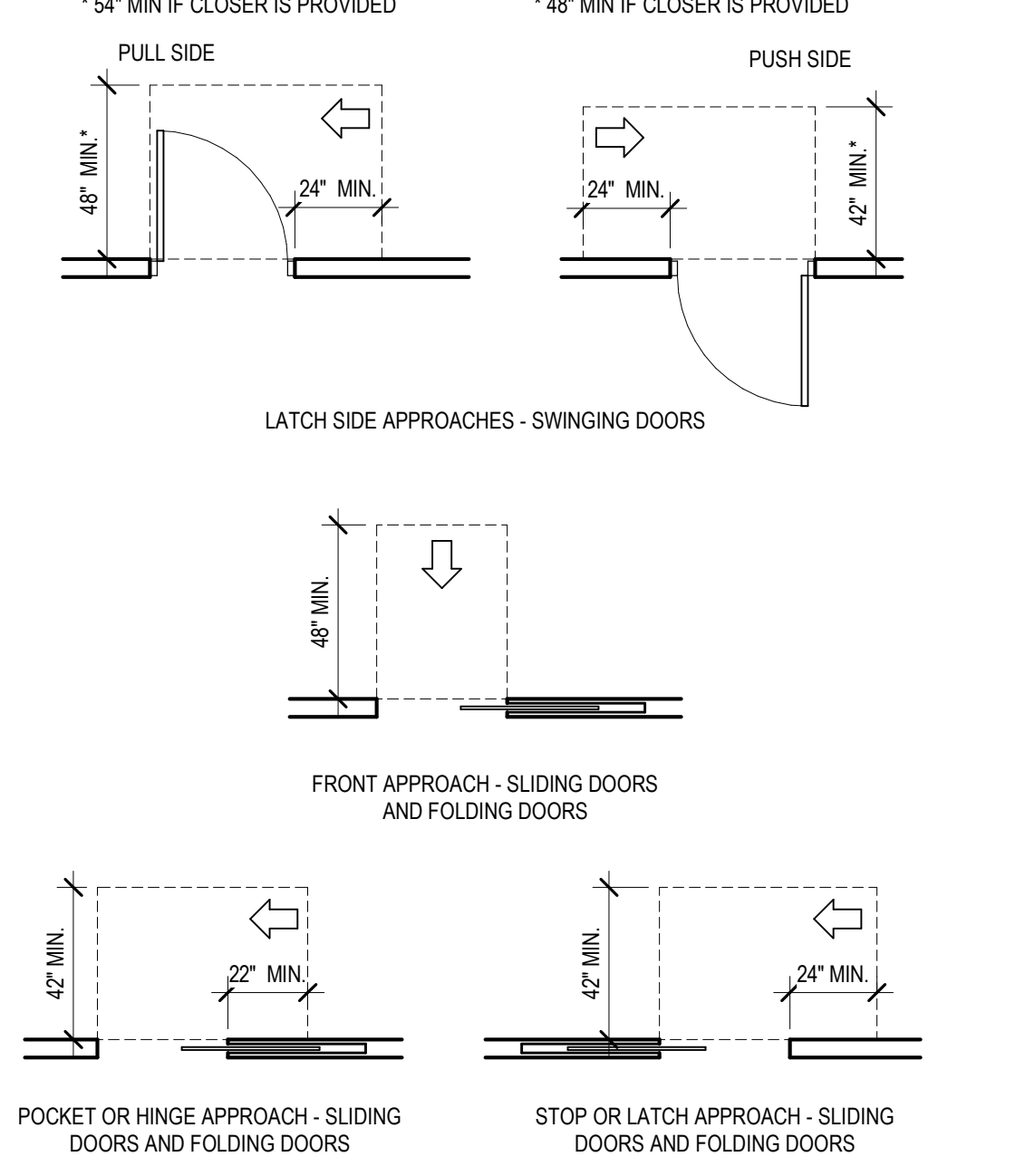
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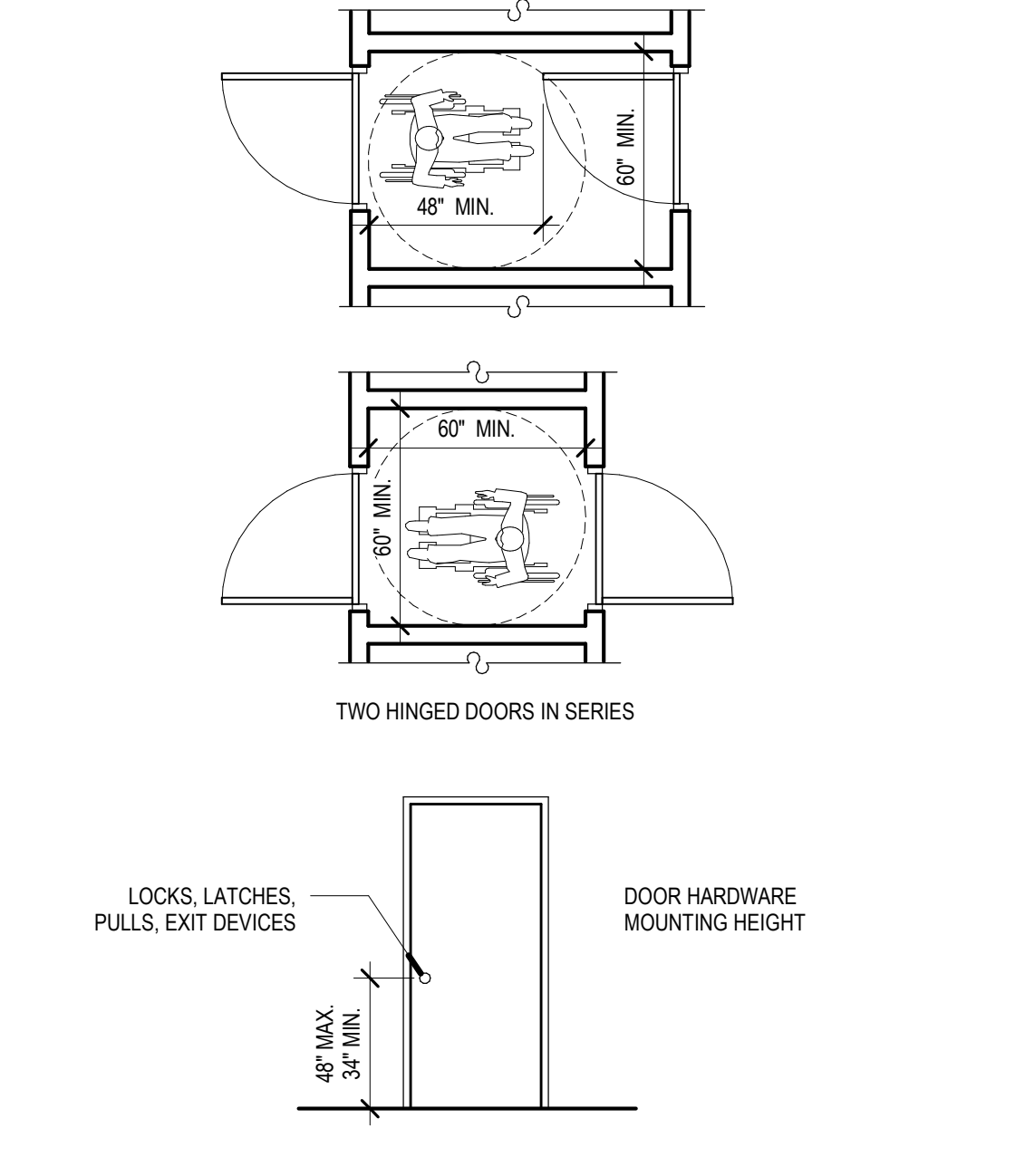
403. ACCESSIBLE ROUTES



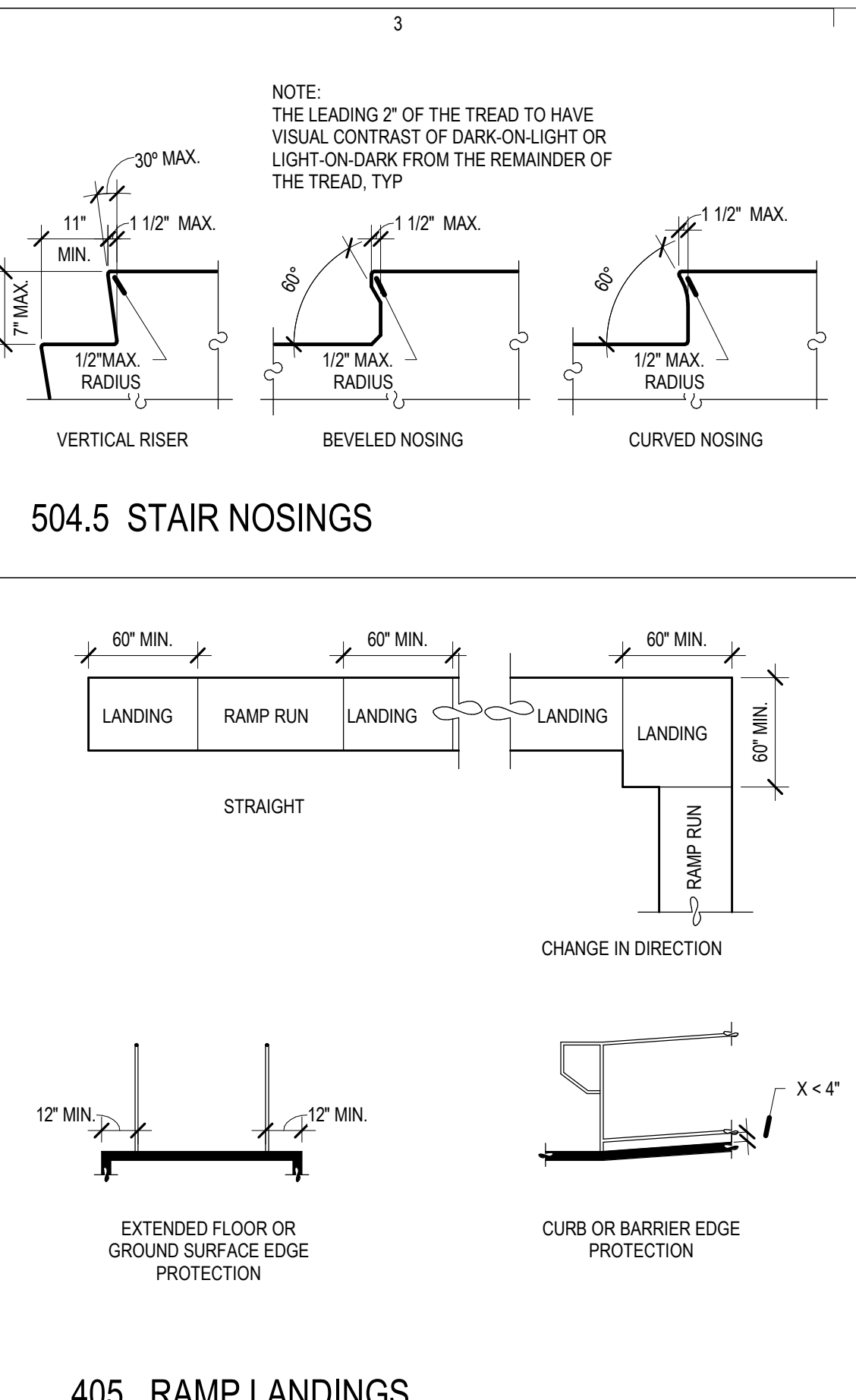
404. DOORS AND DOORWAYS



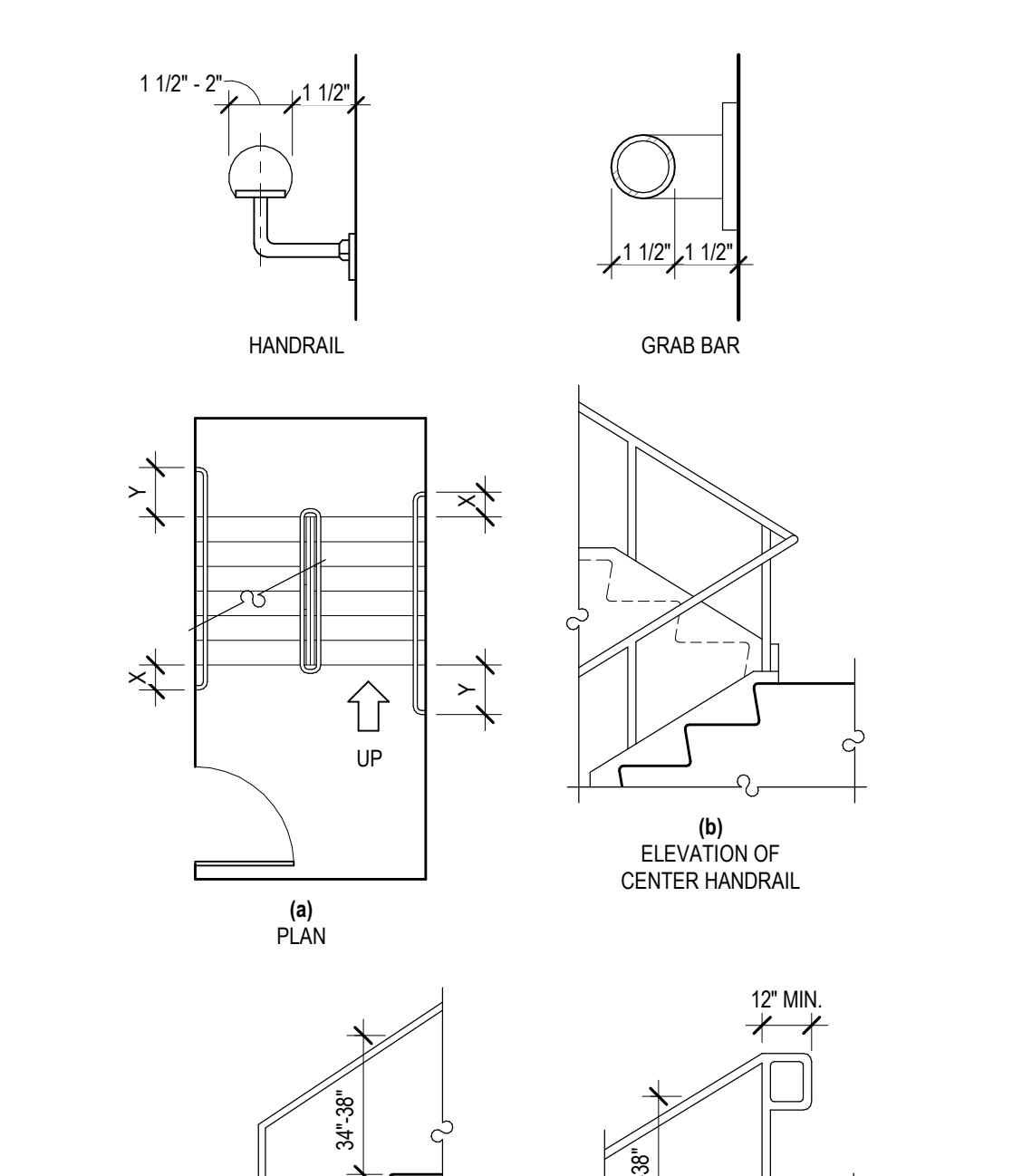
405. RAMP LANDINGS



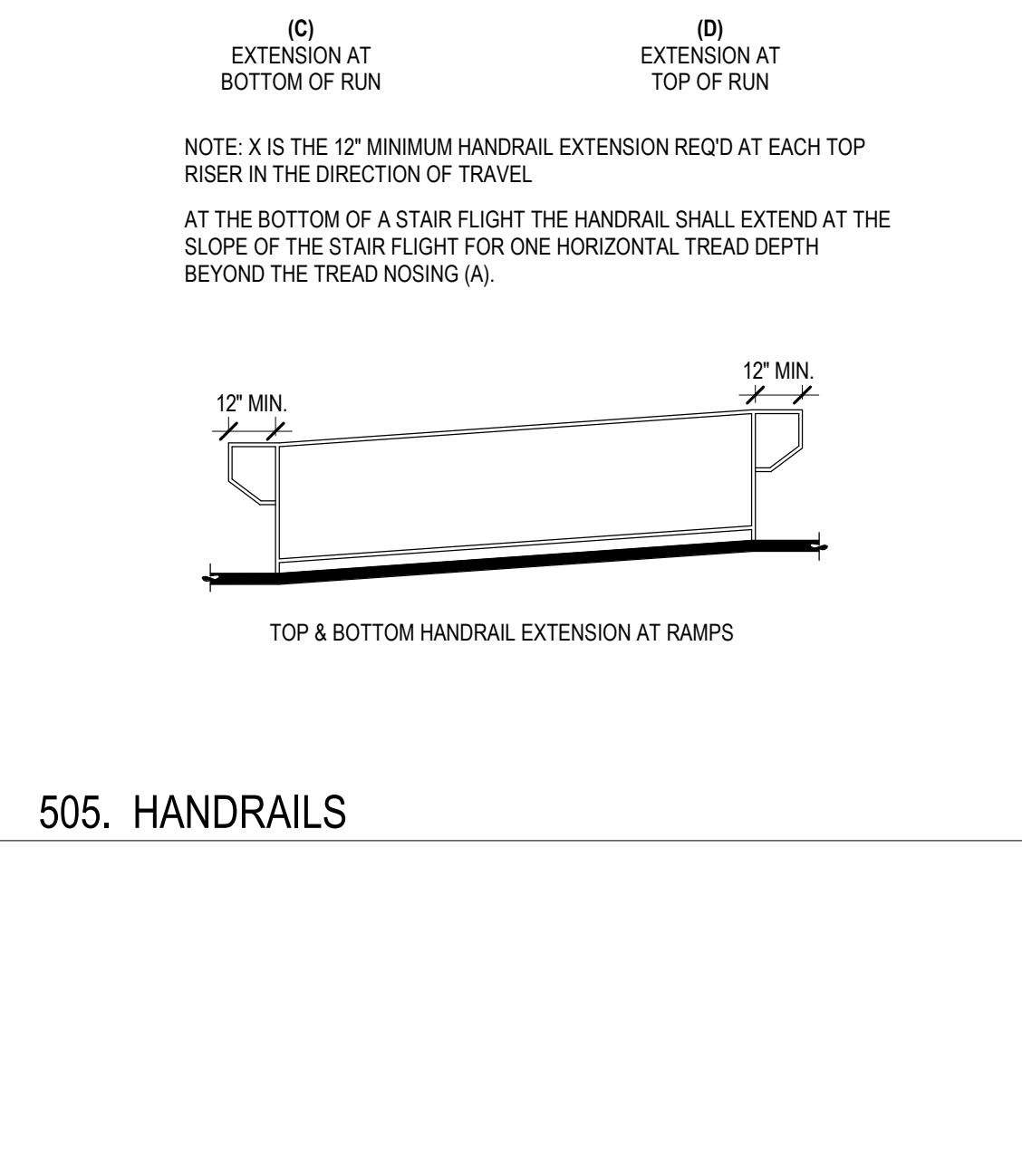
504.5 STAIR NOSINGS



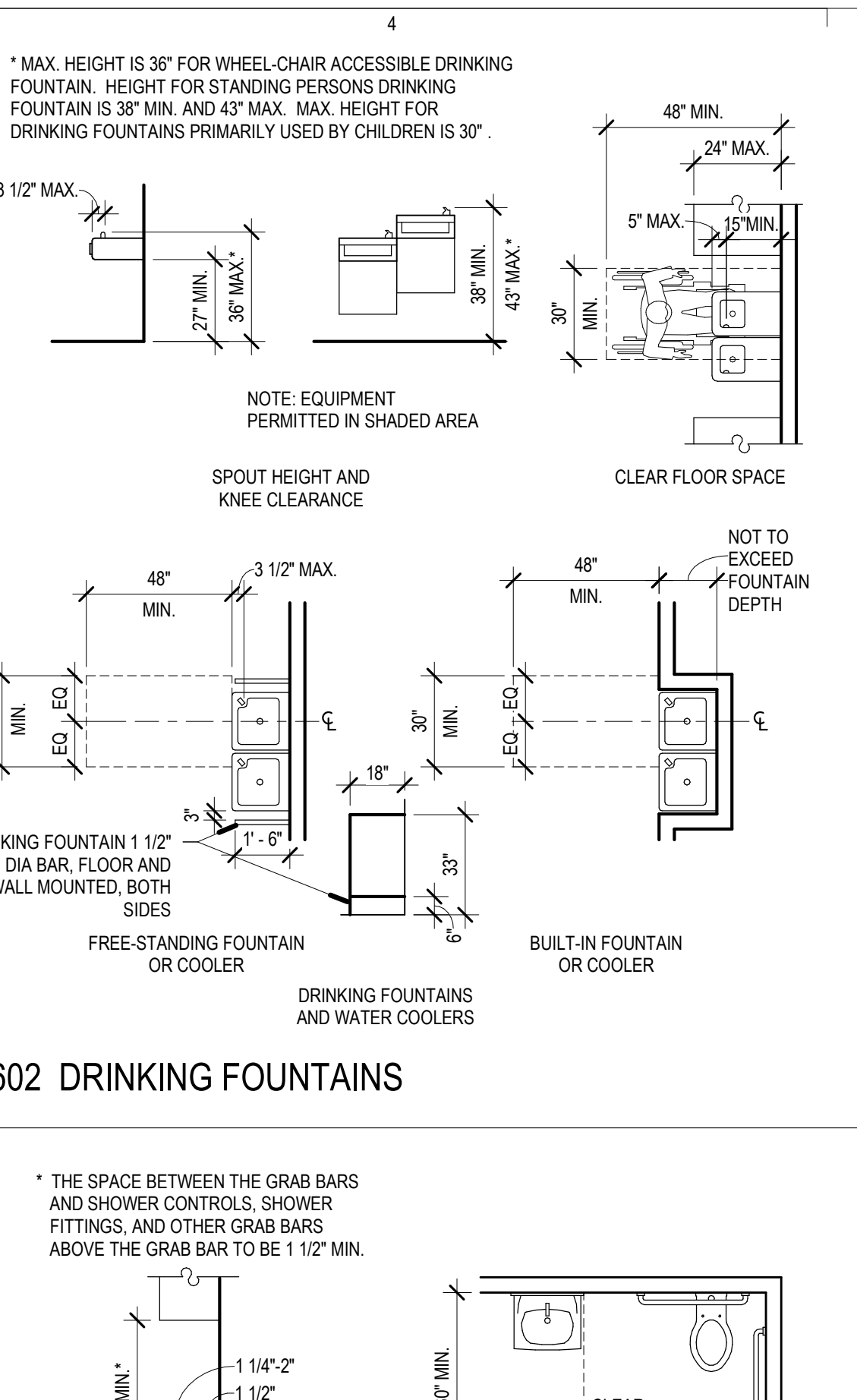
602. DRINKING FOUNTAINS



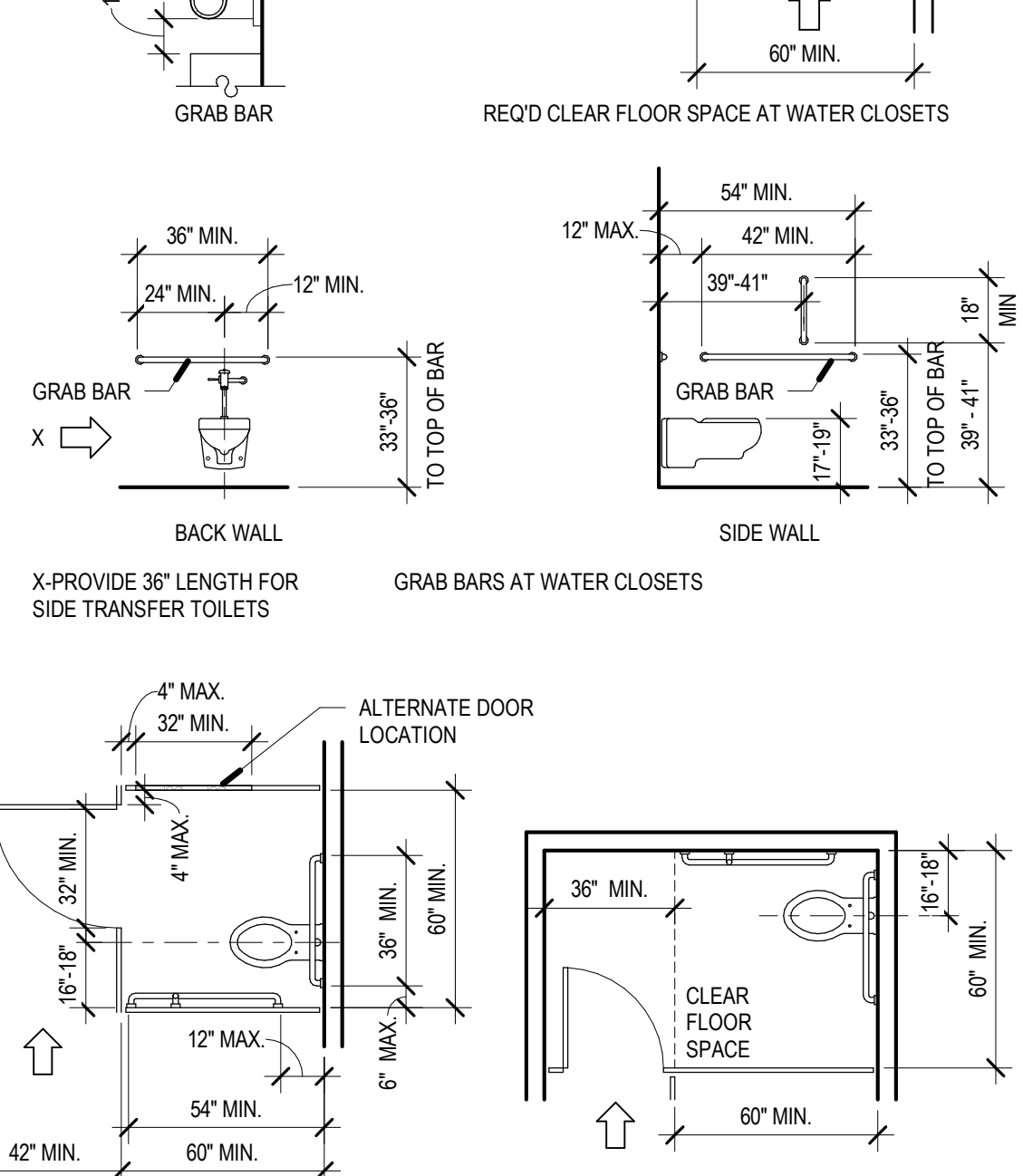
604. TOILETS AND TOILET COMPARTMENTS



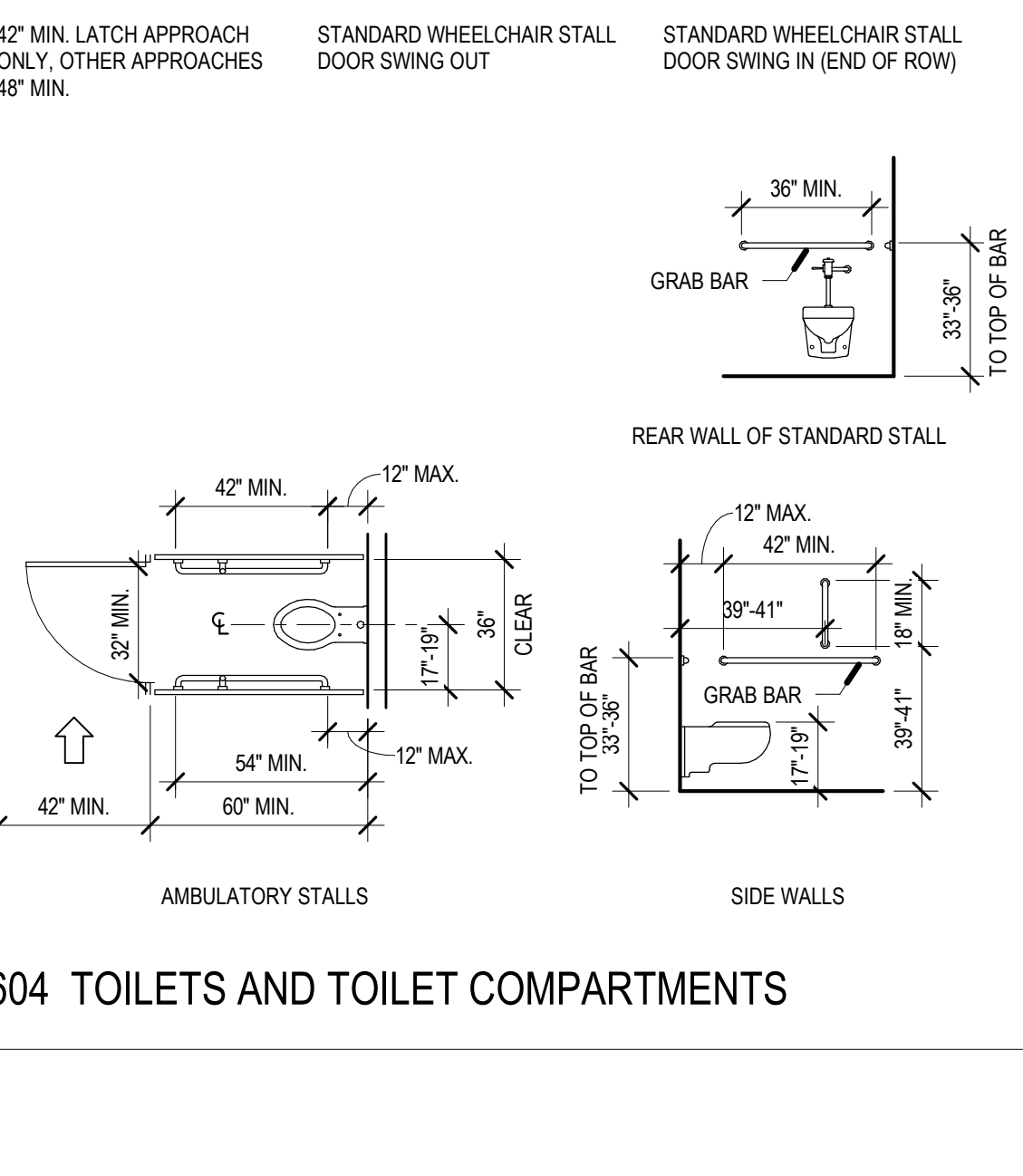
605. URINALS



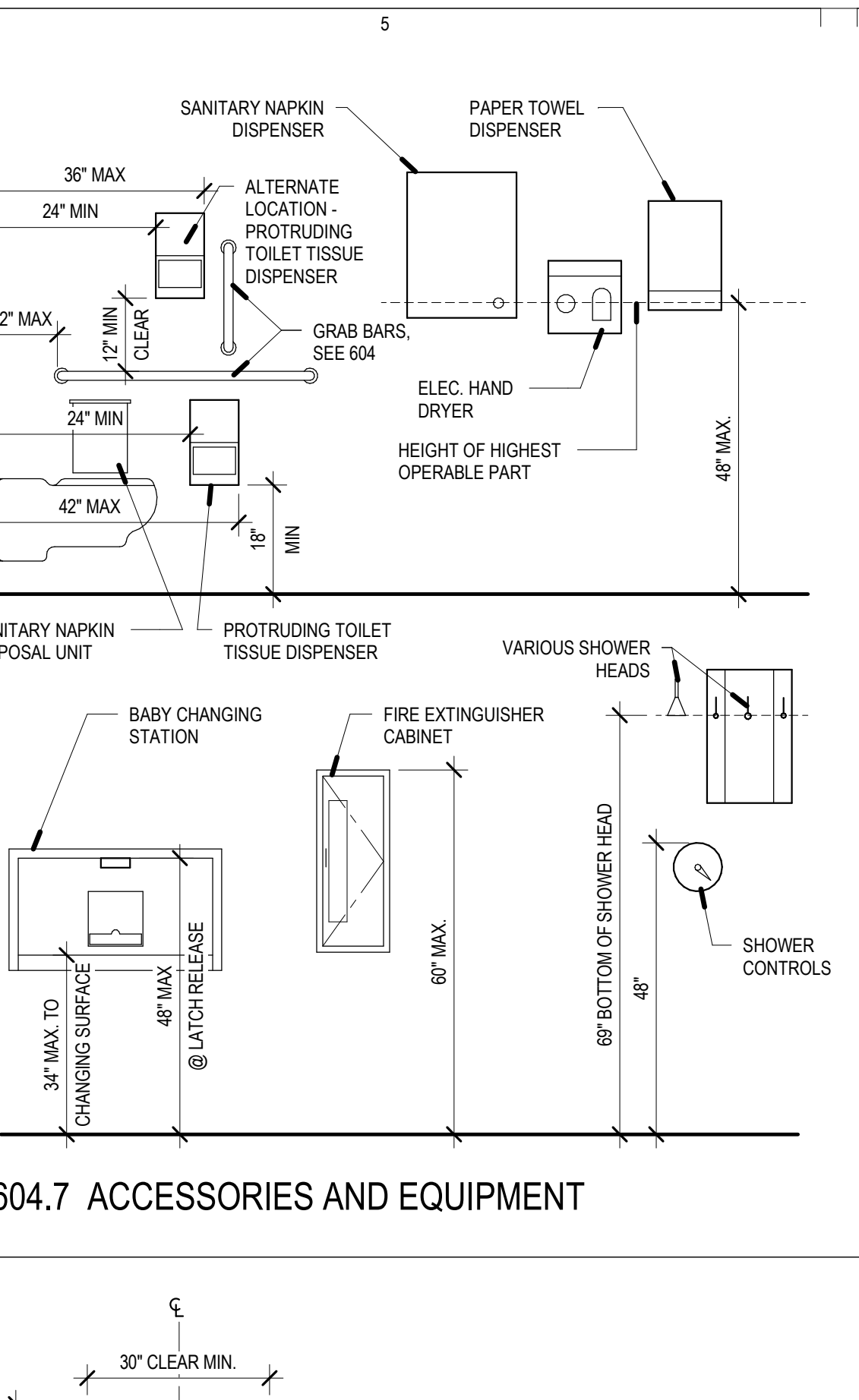
606. LAVATORIES AND SINKS



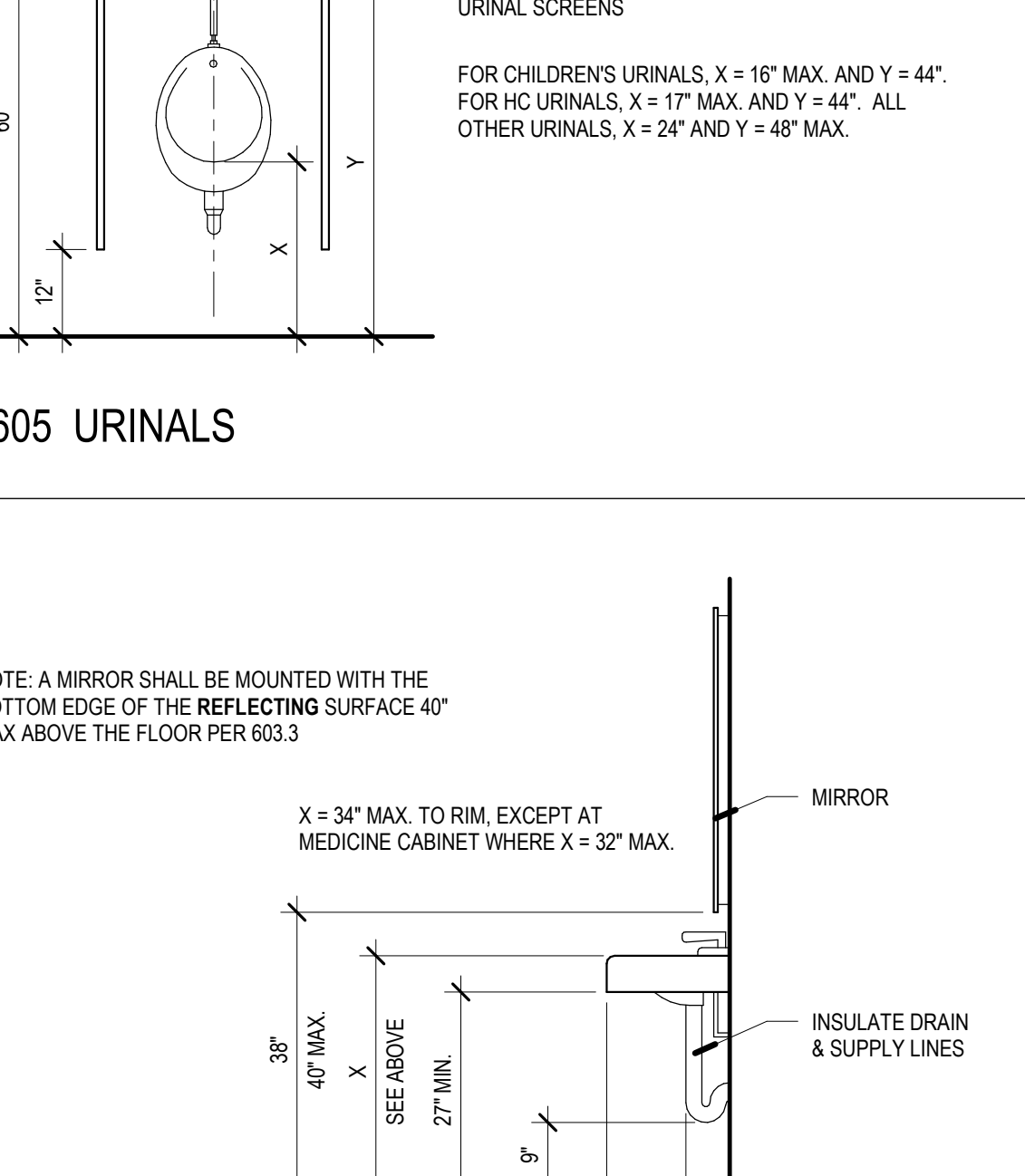
607. ACCESSORIES AND EQUIPMENT



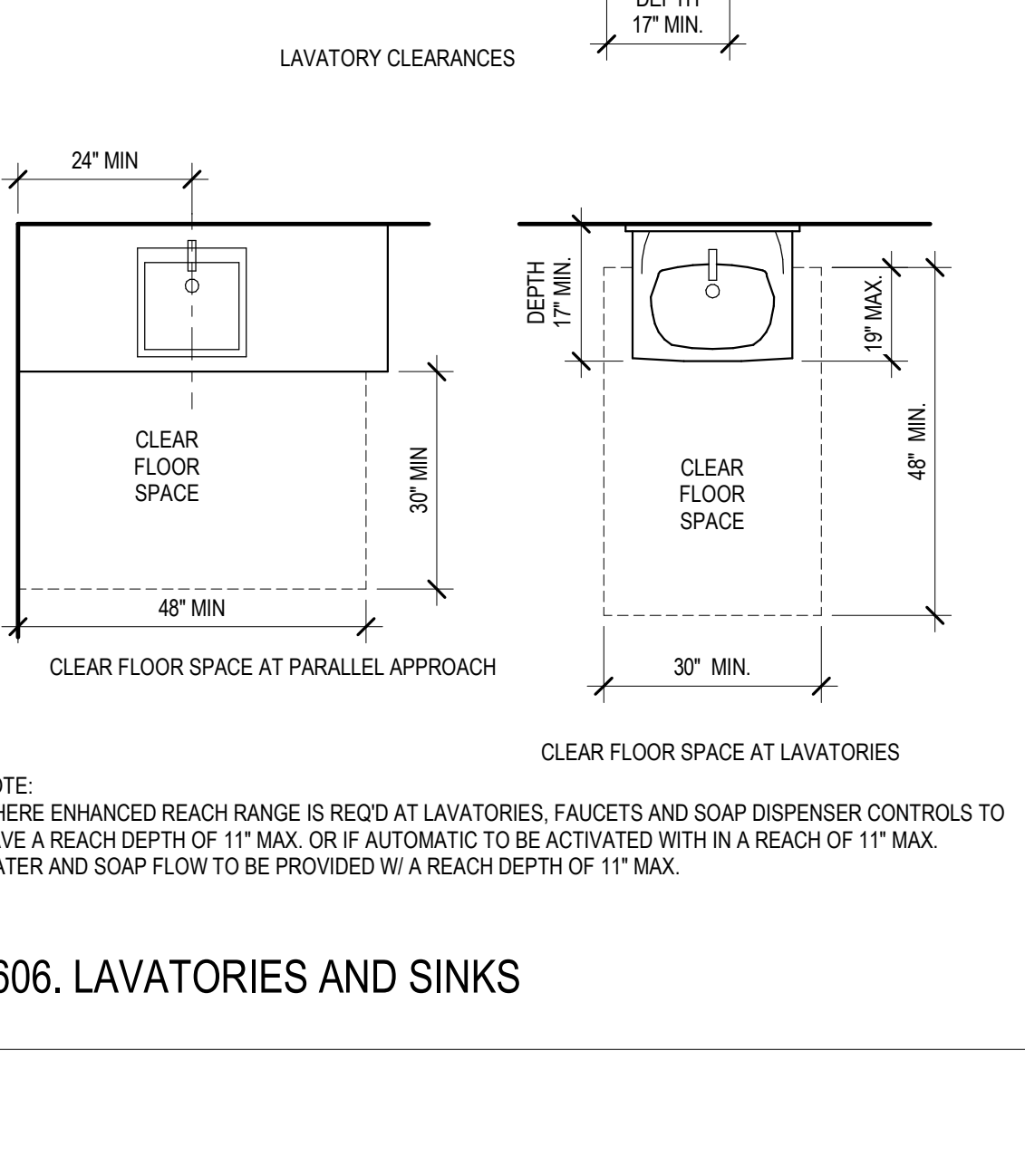
608. SHOWER COMPARTMENTS



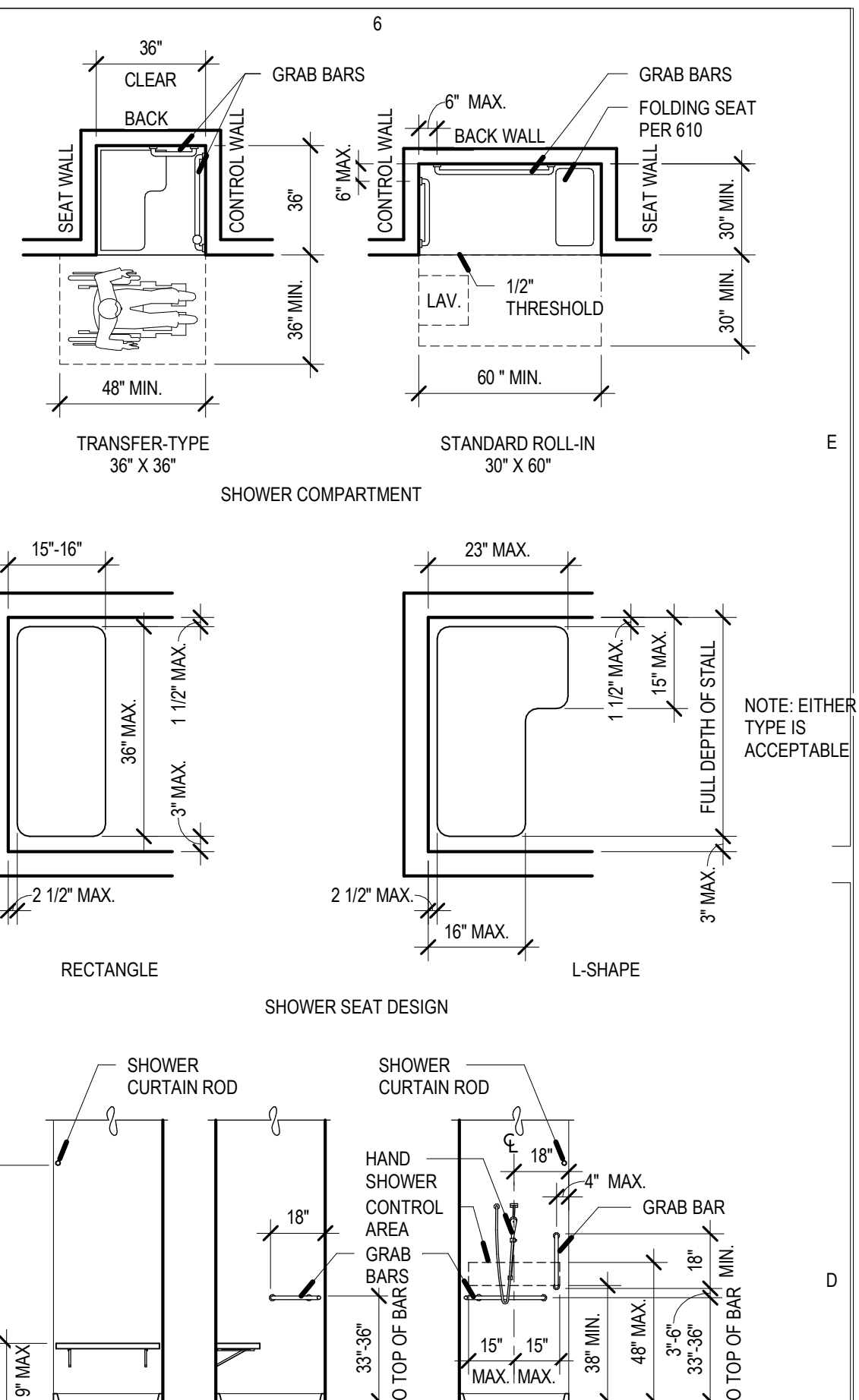
609. SAUNA & STEAM ROOMS



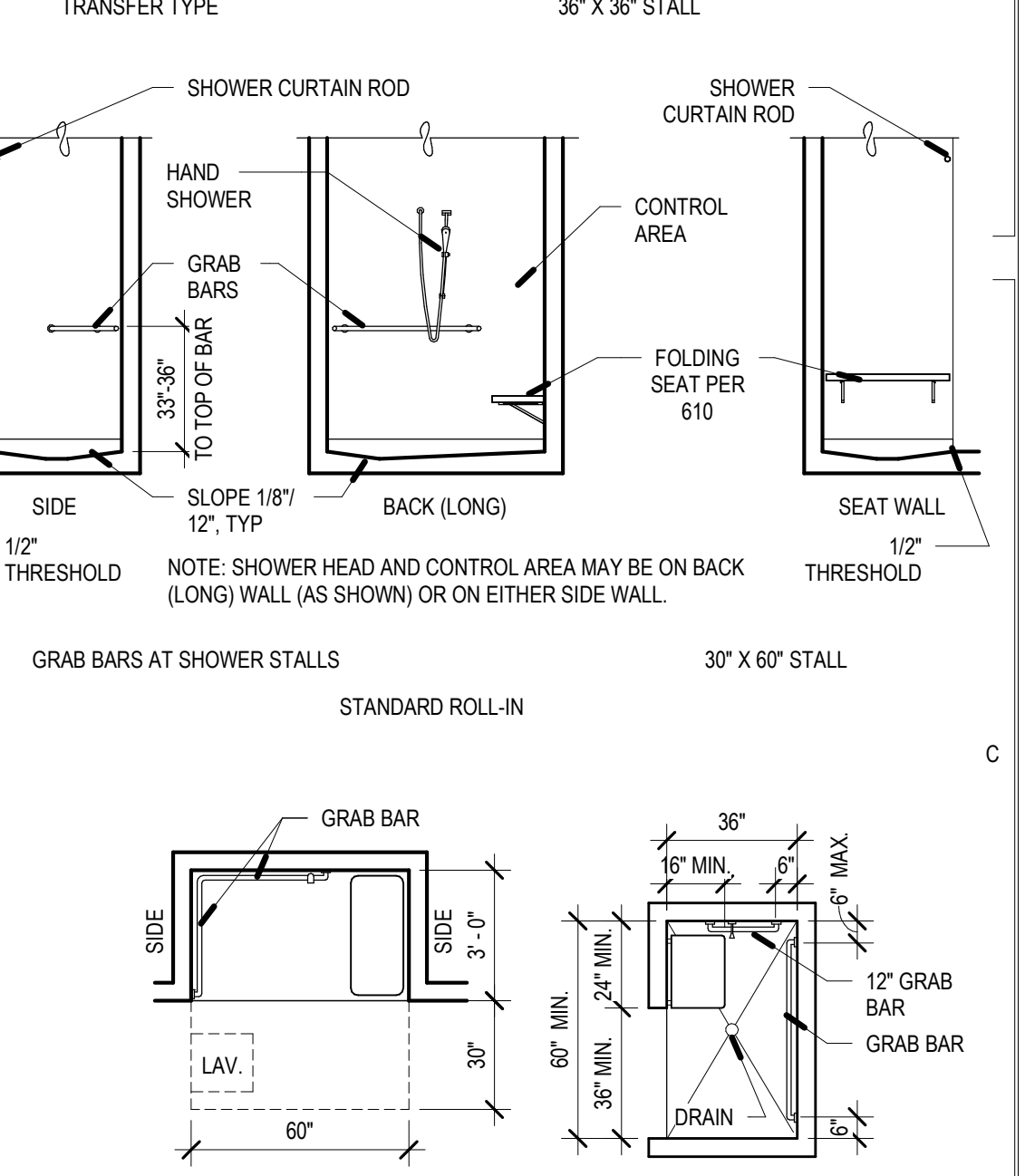
610. TOILETS AND TOILET COMPARTMENTS



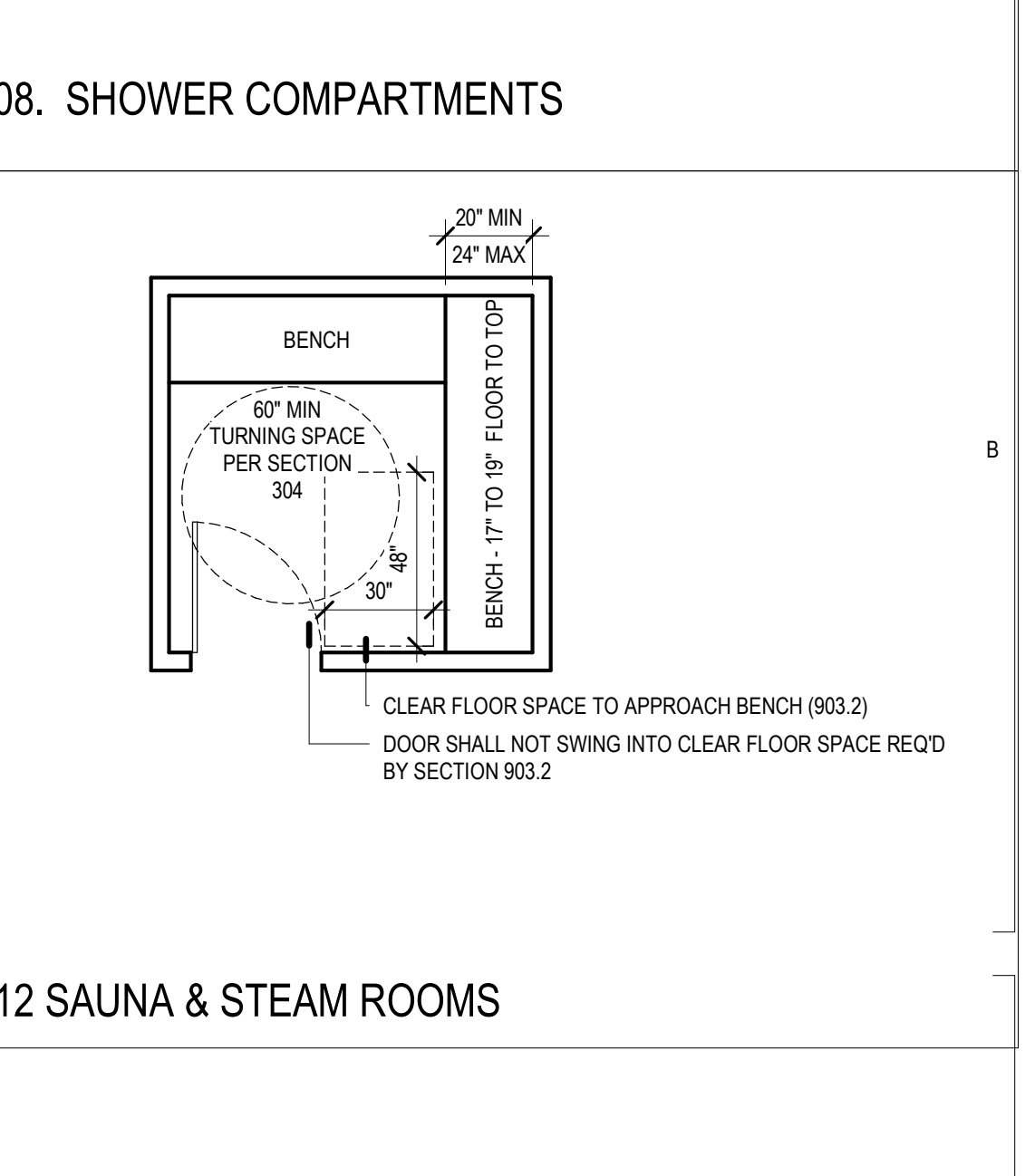
611. LAVATORIES AND SINKS



612. SAUNA & STEAM ROOMS



613. TOILETS AND TOILET COMPARTMENTS



614. LAVATORIES AND SINKS

REV	DATE	DESCRIPTION

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KEYED NOTES

214.0	EXISTING STRUCTURAL, PROTECT AS NECESSARY, REPAIR AS REQUIRED
223.0	DEMO AND REMOVE EXISTING WALL
223.1	DEMO AND REMOVE EXISTING FOLDING PARTITION WALL
224.0	REMOVE EXISTING FLOOR TILE, GRIND AND SMOOTH, PATCH AND REPAIR AS REQUIRED TO PREPARE FLOOR SURFACE FOR NEW FLOORING
224.1	REMOVE EXISTING WALL TILE
225.0	REMOVE EXISTING CARPET FLOORING, REMOVE EXCESS GLUE, SMOOTH, PATCH AND REPAIR AS REQUIRED
226.0	REMOVE EXISTING HOLLOW METAL DOOR FRAME AND DOOR
227.0	REMOVE EXISTING COUNTERTOP
227.1	REMOVE EXISTING BASE CABINETS
227.2	REMOVE EXISTING WALL CABINETS
227.4	REMOVE EXISTING SHELVES
229.0	DEMO AND REMOVE EXISTING GLASS WALL
230.0	DEMO AND REMOVE EXISTING GLASS DOOR
231.0	REMOVE EXISTING CURBLES
232.0	REMOVE AND RELOCATE EXISTING VENDING MACHINES
233.0	REMOVE WHITE BOARD AND VIDEO SCREEN
234.0	REMOVE EXISTING BASE
236.0	RELOCATE EXISTING FIREEXTINGUISHER
236.1	REMOVE AND DISPOSE OF EXISTING INTERIOR 2X2 WINDOW SYSTEM
238.0	DEMO AND REMOVE EXISTING SINK AND FAUCET
239.0	REMOVE EXISTING TOILETS, URINALS, PARTITIONS, AND TOILET ACCESSORIES
240.0	REMOVE EXISTING REFRIGERATOR
241.0	REMOVE EXISTING VGT, GRIND AND SMOOTH, PATCH AND REPAIR AS REQUIRED
242.0	REMOVE REVEALS IN WALL AT 3' AND 7'

GENERAL DEMOLITION NOTES

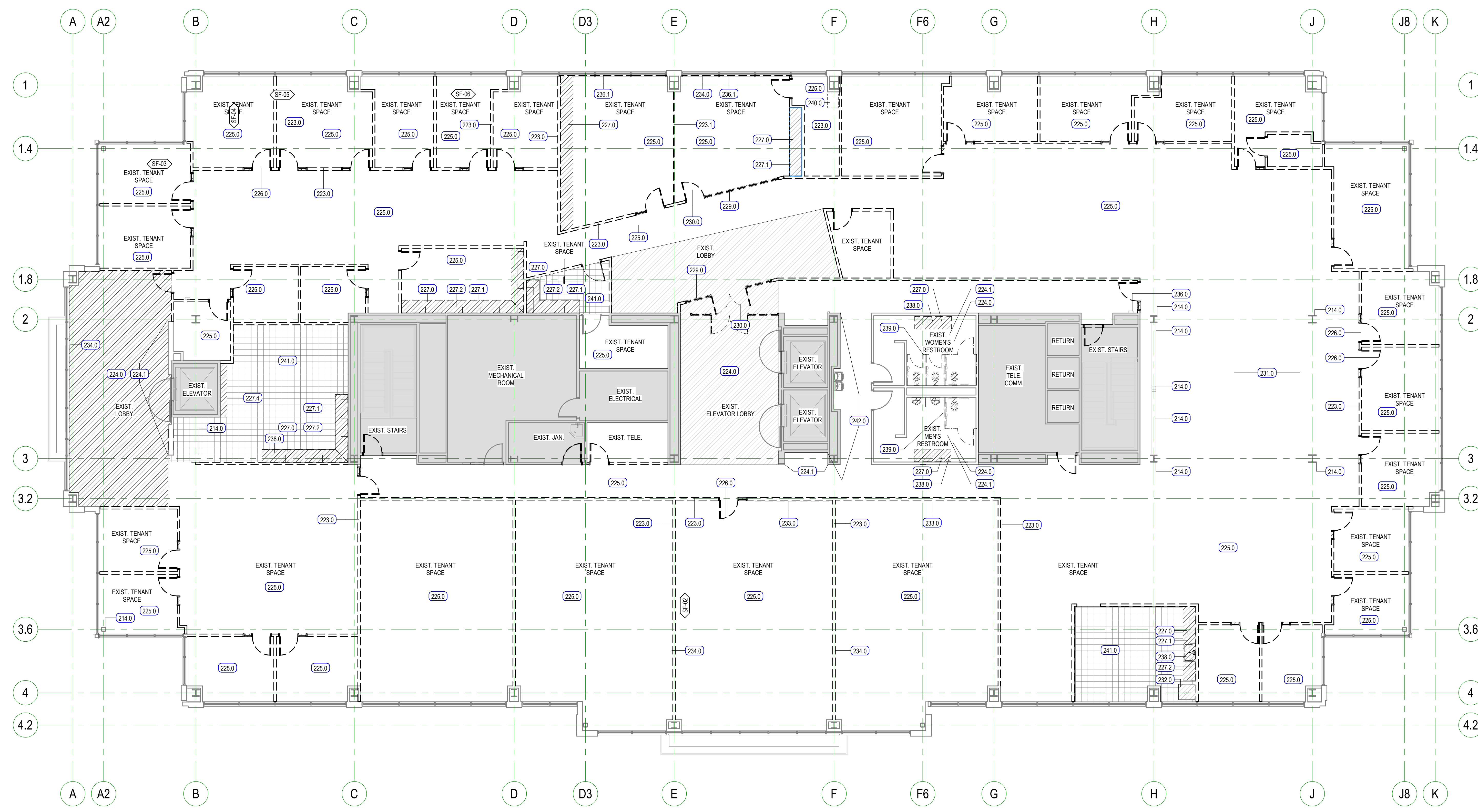
- FIELD VERIFY DIMENSIONS AND CONDITIONS INCLUDING EXISTING UTILITIES PRIOR TO BIDDING. BRING DIFFERING DIMENSIONS AND CONDITIONS TO ARCHITECT'S ATTENTION PRIOR TO BIDDING.
- PROVIDE DUSTPROOF ENCLOSURES AT PERIMETERS OF CONSTRUCTION & DEMOLITION FOR PROTECTION OF ADJACENT SPACES.
- COORDINATE MAINTENANCE OF FIRE EGRESS FOR OCCUPANTS IN EXISTING BUILDING WITH THE OWNER AND FIRE MARSHAL. PROVIDE NECESSARY TEMPORARY WALLS OR ENCLOSURES, EMERGENCY LIGHTS, ETC., FOR THE DURATION OF CONSTRUCTION.
- BRING TO ARCHITECT'S ATTENTION EXISTING CONDITIONS THAT PRESENT ANY CODE VIOLATIONS, INCORRECT CONSTRUCTION OR SAFETY PROBLEMS.
- MAINTAIN EXISTING FIRE RATINGS, AND ASSOCIATED FIRE PROTECTION SYSTEMS (I.E. FIRE SPRINKLERS AND FIRE ALARM SYSTEMS) THROUGHOUT CONSTRUCTION. COORDINATE ANY INTERRUPTION TO THESE SYSTEMS WITH THE OWNER AND FIRE MARSHAL. PROVIDE FIRE WATCH REQUIREMENTS ASSOCIATED WITH INTERRUPTIONS TO THESE SYSTEMS.
- PROTECT EXISTING STRUCTURE, FINISHES, AND SITE ELEMENTS NOT SCHEDULED FOR DEMOLITION. RESTORE DAMAGED ITEMS TO THEIR ORIGINAL CONDITION OR REPLACE AT CONTRACTOR'S EXPENSE.
- REMOVE AND DISPOSE SELECTIVE DEMOLITION MATERIAL PER CITY REQUIREMENTS.
- SALVAGE MATERIAL WHERE INDICATED. REMOVE ITEMS FROM CURRENT LOCATIONS & PREPARE FOR TRANSPORT BY THE OWNER.
- AS SOME DEMOLITION WORK IS SPECIFIC TO DIVISION 22, 23, 28, THE CONTRACTOR SHALL CROSS REFERENCE WITH ELECTRICAL AND MECHANICAL PLANS FOR ADDITIONAL DEMOLITION WHICH IS REQUIRED, BUT NOT REFLECTED ON ARCHITECTURAL DRAWINGS.

GENERAL PLAN DEMOLITION NOTES

- REFER TO ELECTRICAL AND MECHANICAL PLANS FOR REQUIRED ADDITIONAL DEMOLITION
- MAINTAIN EXISTING FIRE RATINGS THROUGHOUT CONSTRUCTION
- DO NOT DISTURB EXISTING FIRE RATED ELEMENTS INCLUDING FIREPROOFING, PATCH/REPAIR DAMAGED OR DISTURBED ITEMS
- AFTER DEMOLITION, PRIOR TO FINISH, PATCH AND REPAIR EXISTING WALLS TO PROVIDE SMOOTH SURFACE SUITABLE FOR PAINTING OR WALL COVERING
- PATCH & LEVEL EXISTING CONCRETE SLABS FOR NEW FINISHES WITH FLOOR LEVELING COMPOUND.
- FIELD VERIFY AND COORDINATE SAW CUTTING OF THE CONCRETE FLOOR SLAB WITH PLUMBING AND ELECTRICAL.
- WHERE ELECTRICAL CIRCUIT CONTINUITY IS INTERRUPTED, BUT MUST BE MAINTAINED, MAKE NECESSARY MODIFICATIONS TO MAINTAIN CIRCUIT INTEGRITY.
- REMOVE ELECTRICAL BOXES BEHIND RELOCATED MILLWORK AND CAP AS REQUIRED.
- CAP EXISTING DUCT WORK FOR DUST CONTROL.
- ALL EXISTING COLUMN WRAPS TO REMAIN UNLESS NOTED.
- EXISTING THERMOSTATS TO BE SALVAGED FOR FUTURE USE, IF THEY ARE ON A WALL THAT IS TO REMAIN, LEAVE IN PLACE AND PROTECT AS REQUIRED.

DEMOLITION LEGEND

- HALF-TONE LINE DENOTES ITEMS TO REMAIN
- DASHED LINE DENOTES ITEMS TO BE DEMOLISHED
- AREA TO REMAIN UNDISTURBED DURING CONSTRUCTION



A1 PLAN - LEVEL 04 - DEMOLITION
SCALE: 1/8" = 1'-0"



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INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123
CONSTRUCTION DOCUMENTS

KEYED NOTES

02	DIVISION 2 - EXISTING CONDITIONS
214.0	EXISTING STRUCTURAL, PROTECT AS NECESSARY, REPAIR AS REQUIRED
216.0	EXISTING DOOR/WINDOW, PROTECT AS NECESSARY, REPAIR AS REQUIRED
220.0	EXISTING SOFFIT/CILING, PROTECT AS NECESSARY, REPAIR AS REQUIRED
222.0	REMOVE EXISTING LIGHT FIXTURE
228.0	REMOVE EXISTING CEILING/SOFFIT
235.1	PROTECT EXISTING CEILING FIRE SPRINKLER SYSTEM, ADJUST TO THE NEW CEILING LAYOUT
236.0	RELOCATE EXISTING FIRE EXTINGUISHER
237.0	REMOVE EXISTING SHADING DEVICES, PATCH, TOUCH UP PAINT EXISTING MULLIONS

GENERAL DEMOLITION NOTES

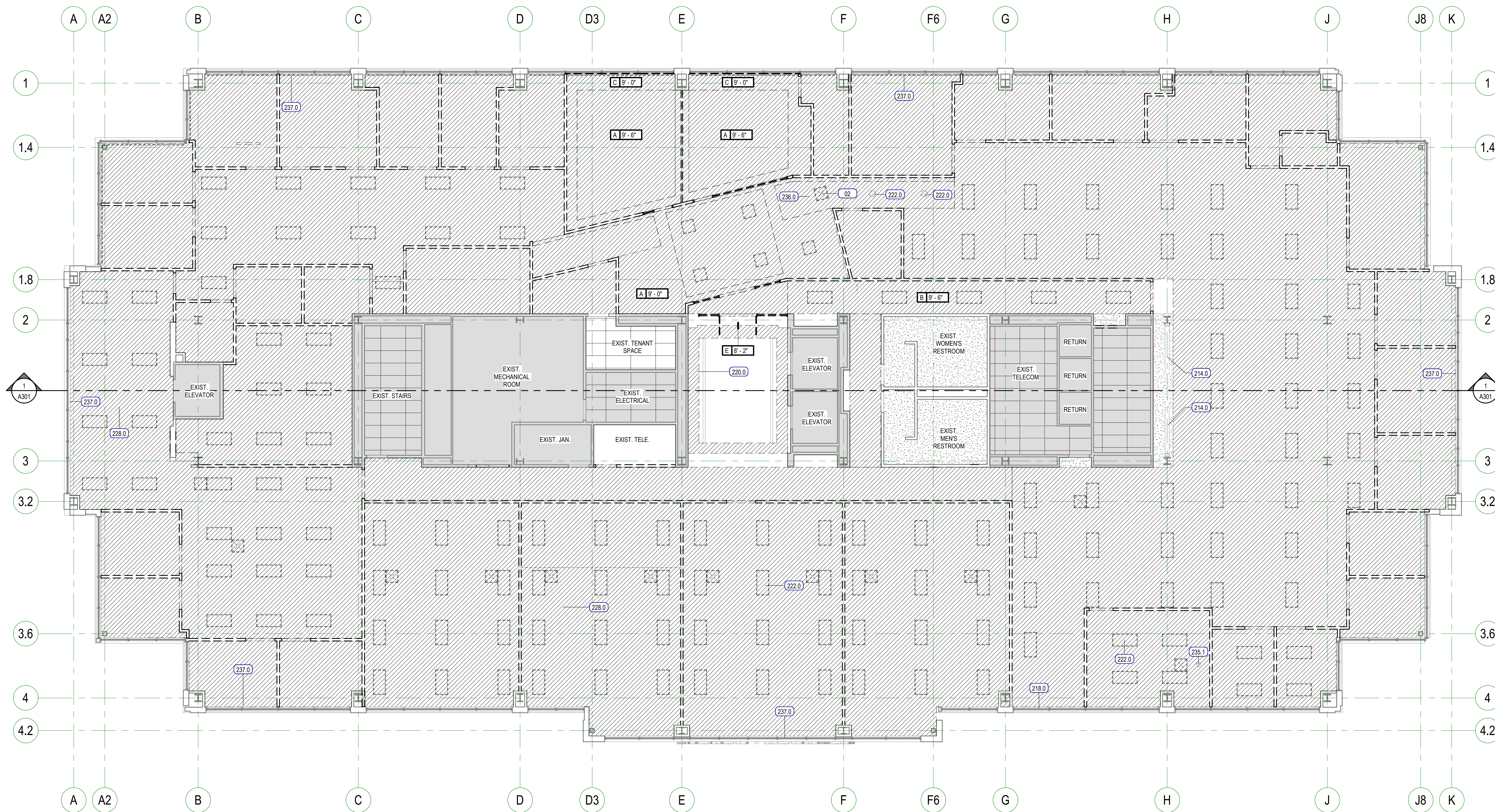
- FIELD VERIFY DIMENSIONS AND CONDITIONS INCLUDING EXISTING UTILITIES PRIOR TO BIDDING. BRING DIFFERING DIMENSIONS AND CONDITIONS TO ARCHITECT'S ATTENTION PRIOR TO BIDDING.
- PROVIDE DUST-PROOF ENCLOSURES AT PERIMETER OF CONSTRUCTION & DEMOLITION FOR PROTECTION OF ADJACENT SPACES.
- COORDINATE MAINTENANCE OF FIRE EGRESS FOR OCCUPANTS IN EXISTING BUILDING WITH THE OWNER AND FIRE MARSHAL. PROVIDE NECESSARY TEMPORARY WALLS OR ENCLOSURES, EMERGENCY LIGHTS, ETC., FOR THE DURATION OF CONSTRUCTION.
- BRING TO ARCHITECT'S ATTENTION EXISTING CONDITIONS THAT PRESENT ANY CODE VIOLATIONS, INCORRECT CONSTRUCTION OR SAFETY PROBLEMS.
- MAINTAIN EXISTING FIRE RATINGS, AND ASSOCIATED FIRE PROTECTION SYSTEMS (I.E. FIRE SPRINKLERS AND FIRE ALARM SYSTEMS) THROUGHOUT CONSTRUCTION. COORDINATE ANY INTERRUPTION TO THESE SYSTEMS WITH THE OWNER AND FIRE MARSHAL. PROVIDE FIRE WATCH REQUIREMENTS ASSOCIATED WITH INTERRUPTIONS TO THESE SYSTEMS.
- PROTECT EXISTING STRUCTURE, FINISHES, AND SITE ELEMENTS NOT SCHEDULED FOR DEMOLITION. RESTORE DAMAGED ITEMS TO THEIR ORIGINAL CONDITION OR REPLACE AT CONTRACTOR'S EXPENSE.
- REMOVE AND DISPOSE SELECTIVE DEMOLITION MATERIAL PER CITY REQUIREMENTS.
- SALVAGE MATERIAL WHERE INDICATED. REMOVE ITEMS FROM CURRENT LOCATIONS & PREPARE FOR TRANSPORT BY THE OWNER.
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GENERAL PLAN DEMOLITION NOTES

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- DO NOT DISTURB EXISTING FIRE RATED ELEMENTS INCLUDING FIREPROOFING, PATCH/REPAIR DAMAGED OR DISTURBED ITEMS
- AFTER DEMOLITION, PRIOR TO FINISH, PATCH AND REPAIR EXISTING WALLS TO PROVIDE SMOOTH SURFACE SUITABLE FOR PAINTING OR WALL COVERING
- PATCH & LEVEL EXISTING CONCRETE SLABS FOR NEW FINISHES WITH FLOOR LEVELING COMPOUND
- FIELD VERIFY AND COORDINATE SAW CUTTING OF THE CONCRETE FLOOR SLAB WITH PLUMBING AND ELECTRICAL
- WHERE ELECTRICAL CIRCUIT CONTINUITY IS INTERRUPTED, BUT MUST BE MAINTAINED, MAKE NECESSARY MODIFICATIONS TO MAINTAIN CIRCUIT INTEGRITY
- REMOVE ELECTRICAL BOXES BEHIND RELOCATED MILLWORK AND CAP AS REQUIRED
- CAP EXISTING DUCT WORK FOR DUST CONTROL
- ALL EXISTING COLUMN WRAPS TO REMAIN UNLESS NOTED
- EXISTING THERMOSTATS TO BE SALVAGED FOR FUTURE USE, IF THEY ARE ON A WALL THAT IS TO REMAIN, LEAVE IN PLACE AND PROTECT AS REQUIRED

DEMOLITION LEGEND

- HALF-TONE LINE DENOTES ITEMS TO REMAIN
- DASHED LINE DENOTES ITEMS TO BE DEMOLISHED
- AREA TO REMAIN UNDISTURBED DURING CONSTRUCTION



A1 PLAN - LEVEL 04 - RCP DEMOLITION
SCALE: 1/8" = 1'-0"



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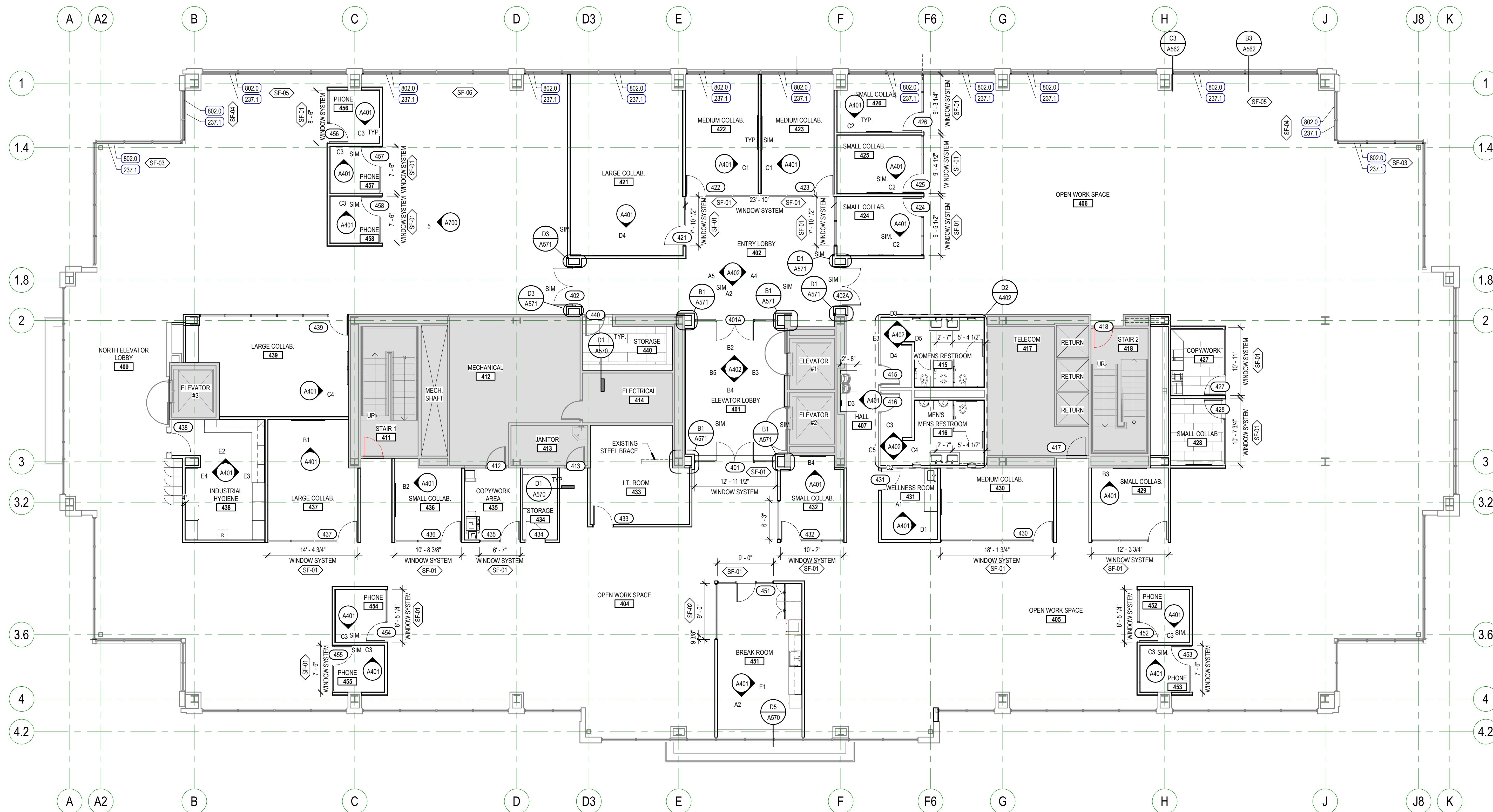
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CONSTRUCTION DOCUMENTS

KEYED NOTES

237.1	REMOVE EXISTING WINDOW SILL AND TRIM DEPTH AS REQ'D TO ALLOW FOR NEW 2X2 WINDOW SYSTEM. RE-INSTALL, PROVIDE COLORED SEALANT AT ALL EXPOSED EDGES. C.S.B.A.
802.0	STOREFRONT SYSTEM

PARTITION + FRAMING GENERAL NOTES

- FRAMED WALL PARTITIONS**
- PARTITION TYPE INDICATIONS ARE INDEPENDENT OF APPLIED FINISHES. SEE FINISH SHEETS AND INTERIOR ELEVATIONS FOR WALL FINISHES INCLUDING TILE COURSEING AND LAYOUT AND/OR THE DESIGNATIONS ON THE PLANS FOR ADDITIONAL INFORMATION REGARDING APPLIED FINISHES.
 - WHERE PARTITION TYPE DESIGNATION ON FLOOR PLANS IS INTERRUPTED BY DOOR OPENING, GLAZED PARTITION, ETC., CONSTRUCTION ABOVE INTERRUPTION (AND WHERE APPLICABLE BELOW) IS TO BE THE SAME AS THAT DESIGNATED FOR THE PARTITION IN WHICH THE INTERRUPTION OCCURRED.
 - THE MINIMUM REQUIREMENTS FOR CONSTRUCTION OF EACH PARTITION TYPE AS EXPRESSED BY THE INDICATED REFERENCE ARE INCORPORATED BY REFERENCE AND ARE APPLICABLE TO THE WORK OF THIS PROJECT. HOWEVER, ADDITIONAL AND/OR MORE RESTRICTIVE REQUIREMENTS MAY BE INDICATED BY THE SPECIFICATIONS AND DRAWINGS. SUCH REQUIREMENTS ALSO APPLY AND SHALL GOVERN. SUCH REQUIREMENTS INCLUDE BUT ARE NOT LIMITED TO:
 - USE 5/8" THICK GYPSUM BOARD THROUGHOUT UNLESS NOTED OTHERWISE.
 - USE 16" OC MAX STUD SPACING UNLESS NOTED OTHERWISE IN THESE DOCUMENTS. THE SPACING STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MAX SPACING IF ALLOWED IN THESE DOCUMENTS.
 - USE STUDS OF GAUGE INDICATED ON THE DRAWINGS OR IN THE SPECIFICATIONS. THE GAUGE STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MINIMUM GAUGE TESTED 20 GA (30 MILS) IS THE MINIMUM ALLOWED IN THESE DOCUMENTS.
 - USE STUDS OF DEPTH INDICATED BY THIS SET OF DOCUMENTS. THE DEPTH STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MINIMUM DEPTH TESTED DEPTH ALLOWED IN THESE DOCUMENTS. SEE STRUCTURAL DOCUMENTS FOR ADDITIONAL INFORMATION PERTAINING TO THE CONSTRUCTION OF CONCRETE, MASONRY AND STUD WALLS.
 - PROVIDE FIRE RATED CONSTRUCTION ASSEMBLIES WHERE INDICATED ON SHEETS G100's AND FLOOR PLAN DRAWINGS.
 - ALL DIMENSIONS ARE CENTER OF STUD OR FACE OF CONCRETE, MASONRY OR ROUGH OPENING UNLESS NOTED OTHERWISE. FACE OF FINISHED WALL WILL BE NOTED AS F.W.
 - AT ALL INTERIOR WALLS, STUDS, INSULATION AND GYPSUM BOARD ARE TO EXTEND TO THE DECK ABOVE, UNLESS NOTED OTHERWISE.
 - WALL TYPES NOT NOTED ARE ASSUMED TO MATCH ADJACENT ROOMS. SEE SHEETS FOR FINISHES. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
 - ALL METAL STUD PARTITIONS ARE CONSIDERED ACOUSTIC PARTITIONS AND ARE TO RECEIVE A TYPE 1 SOUND ATTENUATION BLANKET. THICKNESS TO MATCH STUD DEPTH, UNLESS NOTED OTHERWISE.
 - REFER TO SHEET XXXX FOR TYPICAL INTERIOR WALL CONDITIONS ASSOCIATED WITH ALL METAL STUD PARTITIONS.
 - PROVIDE CONTROL JOINTS IN METAL FRAMED WALLS AT APPROXIMATELY 30 FEET ON CENTER. LOCATE AT CORNER ABOVE DOORS OR INSIDE CORNER OF PILASTERS OR OTHER INCONSPICUOUS LOCATION WHERE POSSIBLE. **CONSULT WITH ARCHITECT PRIOR TO COMMENCING FRAMING.** INSTALL PER DETAILS XX, XX AND XX XXXX FOR CONTROL JOINTS.
 - AT WALL OPENINGS FOR PENETRATION OF PIPES, DUCTS, DEVICES, ETC., GYPSUM BOARD IS TO BE CUT TO MATCH THE SHAPE AND DIMENSION OF THE PENETRATING OBJECT AND THE GAP BETWEEN THE OBJECT AND THE WALL IS TO BE SEALED W/ ACOUSTICAL OR FIRE SEALANT ON ALL SIDES WITH A 3/4" JOINT AT ALL SIDES. MAXIMUM. THE OPENING FOR DUCTS OR LARGE PENETRATIONS SHALL BE FRAMED WITH A HEADER, ADD AN ANGLED CORNER BRACE IF THE GAP EXCEEDS 3" FROM FRAMING TO THE OPENING.
 - PROVIDE BLOCKING / BACKING FOR ALL WALL MOUNTED EQUIPMENT. SEE FLOOR PLANS AND INTERIOR ELEVATIONS FOR CABINETS, GRAB BARS ETC. INSTALL BLOCKING AS DETAILED OR AS REQUIRED TO MOUNT SUCH DEVICES. ALL BLOCKING IS TO BE FIRE RETARDANT TREATED. INSTALL PER SHEET A520.
 - WHERE THERE IS LIMITED WATER EXPOSURE: INSTALL ONE LAYER OF 5/8" TYPE X WATER RESISTANT GYPSUM BOARD PER ASTM C1396 (WHERE GYPSUM BOARD OCCURS) OF BASIC PARTITION AT THE FOLLOWING LOCATIONS:
 - WITHIN 2 FEET HORIZONTALLY AND 4 FEET VERTICALLY OF JANITORS SINKS
 - AT OTHER LOCATIONS, I.E. TOILET ROOMS AND KITCHENS, AND AS INDICATED ON THE ARCHITECTURAL FINISH PLANS AND ELEVATIONS.
 - INSTALL ONE LAYER OF 5/8" GLASS MAT TILE BACKER BOARD IN LIEU OF GYPSUM BOARD (WHERE GYPSUM BOARD OCCURS) OF BASIC PARTITION WHERE THERE IS NO FIRE RATING AND OVER GYPSUM BOARD FACE LAYER AT FIRE RATED PARTITIONS AT THE FOLLOWING LOCATIONS:
 - WHERE CERAMIC TILE FINISHES ARE INDICATED PER THE FINISH PLANS AND/OR INTERIOR ELEVATIONS.
 - AT OTHER LOCATIONS AS INDICATED BY THE ARCHITECTURAL FINISH PLANS AND ELEVATIONS.
 - WHERE NEW WALLS OR FURRING ARE INDICATED TO BE DIMENSIONED OFF OF AN EXISTING WALL, THE NEW WALL SHALL BE STRAIGHT AND PLUMB REGARDLESS OF THE CONDITION OF THE EXISTING WALL.
 - SEE DETAIL XX AND XX ON SHEET XXXX FOR TYPICAL FIRE EXTINGUISHER CABINET INSTALLATION DETAILS



A1 PLAN - LEVEL 04 - ANNOTATED
SCALE: 1/8" = 1'-0"



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DIMENSION NOTES

- ALL DIMENSIONS ARE TO CENTER OF STUD WALL OR FACE OF CONCRETE, MASONRY OR ROUGH OPENING UNLESS NOTED OTHERWISE. WHERE THE END OF A WALL IS INDICATED THE DIMENSION IS TO THE FINISH SURFACE OF THE WALL END.
- UNLESS DIMENSIONED OTHERWISE, THE DIMENSION FROM THE BUCK OF A DOOR FRAME IS TO BE 4" TO THE WALL CORNER.
- EXCEPT WHERE DIRECTED TO PLACE ITEMS OF WORK AT THE APPROXIMATE LOCATION SHOWN, DO NOT SCALE DRAWINGS FOR DIMENSIONAL INFORMATION. ALL ELEMENTS OF THE DRAWINGS MAY NOT BE DRAWN TO EXACT SCALE. ALL DIMENSIONS REQUIRED ARE SHOWN OR MAY BE DERIVED FROM THOSE SHOWN ON THE FLOOR PLANS, DETAIL PLANS, ELEVATIONS, SECTIONS, DETAILS, SCHEDULES AND SPECIFICATIONS. IF DIMENSIONS ARE NOT PRESENT, THE ARCHITECT IS TO BE NOTIFIED SO THAT A CLARIFICATION CAN BE ISSUED.

KEY FOR PARTITION TYPES

DENOTES TYPE OF CONSTRUCTION (SPEC. DIVISION)	WALL
3X 0 SERIES	CONCRETE
4X 0 SERIES	MASONRY
5X 0 SERIES	COLD FORMED METAL STUDS, 16ga MIN.
6X 0 SERIES	METAL STUDS

NOMINAL SIZES: V = VARIABLE MATCH EXISTING
 1 = 1 5/8" STUDS
 2 = 2 1/2" STUDS
 3 = 3 5/8" STUDS
 4 = 4" STUDS / 4" (NOM.) C.M.U.
 6 = 6" STUDS / 6" (NOM.) C.M.U.
 8 = 8" STUDS / 8" (NOM.) C.M.U.
 10 = 10" (NOM.) C.M.U. OR CONC.
 12 = 12" (NOM.) C.M.U. OR CONC.

RATED WALL LEGEND

- 1 HOUR SEPARATION
 - 2 HOUR SEPARATION
- EXAMPLE: WALL TYPE 9A3-1 IS A ONE HOUR RATED, 3 5/8" METAL STUD WALL WITH 5/8" GYPSUM BOARD ON BOTH SIDES, PER ASSEMBLY REQUIREMENTS.

90X-R SERIES

- 1 FIRE RATING (ONLY WHEN NOTED): 1 = 1 HOUR RATED ASSEMBLY
- 2 = 2 HOUR RATED ASSEMBLY
- 3 = 3 HOUR RATED ASSEMBLY

NON-BEARING METAL HEADER SCHEDULE

MAXIMUM SPAN	HEADER	FY
4'-0"	(2) 400S137-43	33 ksi
6'-0"	(2) 600S162-43	33 ksi
8'-0"	(2) 800S162-43	33 ksi

METAL STUD HEADER NOTES:

- SCHEDULE TO BE USED FOR NON-BEARING WALLS.
- HEADERS TO BE CONSTRUCTED AS BOX HEADERS PER SSMA STANDARDS.
- SEE TYPICAL DETAIL FOR MORE INFORMATION.

NON-BEARING METAL STUD GAUGE SIZING

MEMBER DEPTH (S-STUD OR JOIST)	MAX STUD HEIGHT	MIN. GA. & SPACING
2 1/2" (250S125-33)	10'-0"	20@16" O.C.
3 5/8" (362S125-33)	14'-0"	20@16" O.C.
3 5/8" (362S162-33)	16'-0"	20@16" O.C.
3 5/8" (362S162-43)	18'-0"	18@16" O.C.
6" (600S162-33)	24'-0"	20@16" O.C.
6" (600S162-43)	26'-0"	18@16" O.C.
6" (600S162-54-50KSI)	28'-0"	16@16" O.C.

METAL STUD NOTES:

- STEEL STUDS SHALL MEET ICC REPORT ER-4943P AND THE SSMA STANDARDS. HEIGHT BASED ON SSMA 2001 CATALOG AND PROJECT REQUIREMENTS.
- SEE SCHEDULE FOR STUD SPACING AND GAUGE. ALL STUDS AND BRACES SHALL BE 33 KSI UNLESS NOTED OTHERWISE IN THESE DRAWINGS.
- AT ALL DOORS PROVIDE TWO TABBED 18 GAUGE STUDS AT BOTH SIDES OF JAMB.
- PLEASE NOTE THAT DUE TO THE LARGE FLOOR TO FLOOR HEIGHT 18 GAUGE STUDS WILL BE NECESSARY IN MOST INTERIOR NON LOAD BEARING WALLS. REFER TO THE CHART ABOVE.



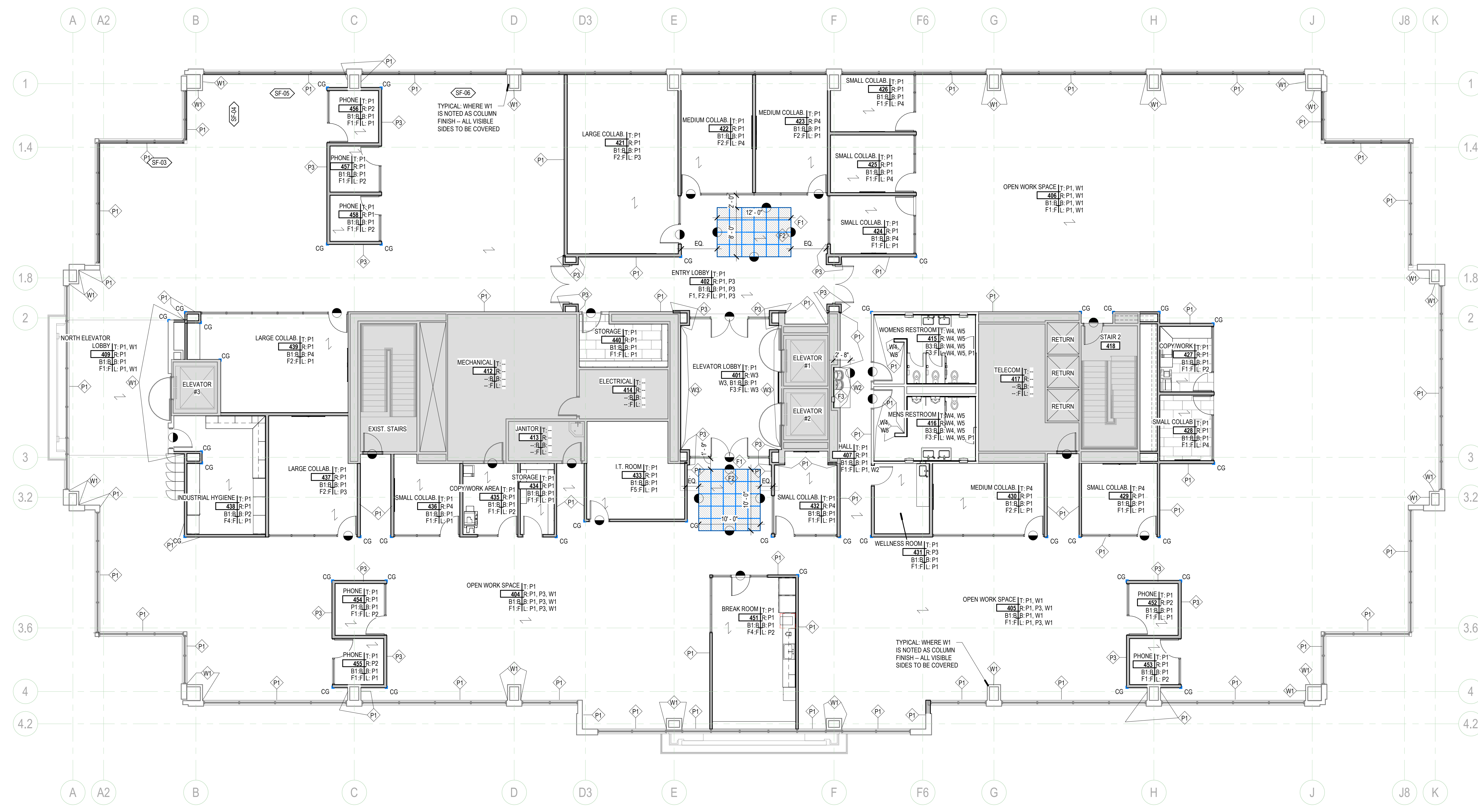
A1 PLAN - LEVEL 04 - DIMENSION + WALL TYPE
SCALE: 1/8" = 1'-0"

LEGEND - FINISH					
MARK	DESCRIPTION	MANUFACTURER	NAME	COLOR	COMMENTS
FLOOR					
F1	CARPET TILE	SHAW CONTACT	HAND DRAWN, STIPPLE TILE 5T116	SLATE 13565	18" X 36" PLANK ASHLAR INSTALLATION
F2	CARPET TILE - ACCENT	SHAW CONTACT	NOBLE MATERIALS, FORM TILE ST136	CORNERSTONE COPPER 33555	24" X 24" SQUARE, STRAIGHT SET
F3	PORCELAIN TILE	DALTILE	STONE ATTACHE, CONSULATE, ANTIQUE	PREMIER GREY C505, UNPOLISHED	24" X 48" ASHLAR TILE INSTALLATION
F4	LUXURY VINYL TILE	MANNINGTON COMMERCIAL	NATURE'S PATHS	WINDSOR OAK, ASHEN 12372-6'	6' X 36" PLANK, ASHLAR INSTALLATION
F5	STATIC DISSIPATIVE	FLEXCO	DELANE	GRAY/DARK GRAY 42	24" X 24" MONOLITHIC INSTALLATION
BASE					
B1	RUBBER BASE	ROPPE	PINNACLE RUBBER BASE	DOLPHIN 129	4" STANDARD COVE TOE
B2	NOT USED				
B3	ALUMINUM COVE BASE FOR TILE	SCHLUTER SYSTEMS	DILEX-AHK	SATIN ANODIZED ALUMINUM	3/8" RADIUS
PAINT					
P1	GENERAL PAINT	SHERWIN WILLIAMS		SW 7009, PEARLY WHITE	SEMI GLOSS FINISH
P2	ACCENT PAINT - GRAY	SHERWIN WILLIAMS		SW 7018, DOVE/TAL	SEMI GLOSS FINISH
P3	ACCENT PAINT - BLUE	SHERWIN WILLIAMS		SW 2740, MINERAL GRAY	SEMI GLOSS FINISH
P4	ACCENT PAINT - YELLOW	SHERWIN WILLIAMS		SW 6684, BRITTBLEBUSH	SEMI GLOSS FINISH
SURFACE					
S1	QUARTZ COUNTERTOP	CAMBRIA	MARBLE COLLECTION	TORQUAY	MATTE FINISH
S2	PLASTIC LAMINATE FOR MILLWORK	WILSONART	HIGH PRESSURE LAMINATE	WALNUT HEIGHTS, T969X-12	SOFT GRAIN FINISH
S3	ACOUSTIC PANELS	AUTEX	CUBE 12"	OPERA	PHONE ROOM ACOUSTIC TREATMENT, SEE DETAIL A145/71
WALL					
W1	WALL COVERING	MAHARAM	NOOK 39913	ROCK 004	
W2	WALL TILE - DRINKING FOUNTAINS	DALTILE	VOLUME 1.0 GLAZED PORCELAIN	DEGREES SILVER VL71	12" X 12", MONOLITHIC INSTALLATION, GROUT: MAPEI PEWTER 02
W3	TILE BACKSPLASH; ELEVATOR LOBBY	DALTILE	LIMESTONE MOSAIC, POLISHED MODERN	CHENILLE WHITE L191	IRREGULAR MOSAIC, GROUT: MAPEI PEWTER 02
W4	WALL TILE - RESTROOMS	DALTILE	POLARIS, PL02	GLOSS WHITE	9" X 12", MONOLITHIC INSTALLATION, GROUT: MAPEI WHITE 00
W5	ACCENT TILE - RESTROOMS	DALTILE	STONE RADIANCE	GLACIER GRAY MAR S459, SATIN FINISH	5/8" X 5/8", GROUT: MAPEI SILVER 27
WOOD					
WD1	PLAIN SLICED WALNUT	GRAHAM WOOD DOORS	PLAIN SLICED BLACK WALNUT	FALLOW #125	CLEAR FINISH
OTHER					
PT1	RESTROOM PARTITIONS	SCRANTON PRODUCTS	SANDCASTLE		

FINISH PLAN SYMBOLS

SINGLE FINISH SYMBOLS INDICATE WHERE FINISHES ARE DIFFERENT FROM GENERAL ROOM FINISHES, OR PROVIDE ADDITIONAL FINISH INFORMATION
 CHANGE AT FLOOR MATERIAL
 SIGNAGE TAG - SEE SIGNAGE SHEETS FOR DETAILS
 FINISH DIRECTION
 CORNER GUARD LOCATION

- ### GENERAL FINISH NOTES
- PROVIDE EPOXY PAINT AT ALL RESTROOMS, SHOWERS, LOCKER ROOMS AND JANITOR CLOSETS.
 - ALL FLOOR TRANSITIONS TO BE LOCATED AT CENTER OF DOOR, U.N.O. ALL FLOOR TRANSITIONS AT FLOOR TILE (F3) LOCATIONS TO BE LOCATED AT INSIDE CORNER OF DOOR.
 - ALL GROUT JOINTS TO BE NO LARGER THAN 1/8".
 - FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.
 - COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.
 - SEE ELEVATION SHEETS FOR ALL WALL TILE PATTERNS.
 - AT SOFFITS RECEIVING COLOR, PAINT ALL SIDES OF SOFFIT.
 - ALL WOOD TRIM TO BE STAINED TO MATCH DOOR STAIN.
 - ALL COUNTERTOP, BACKSPLASHES, AND EDGE BANDING TO HAVE COORDINATING FINISHES.
 - PROVIDE A SMOOTH TRANSITION AT ALL FLOOR MATERIALS - CONTRACTOR TO INSTALL ALL FLOOR FINISHES AT SAME LEVEL, DESPITE DIFFERENT THICKNESS. PROVIDE FLOOR TRANSITION WHERE OCCURS.
 - ALL WALLS RECEIVING TILE WAINSCOT TO RECEIVE PAINT P1 ABOVE, U.N.O. SEE FINISH PLANS FOR ACCENT WALL LOCATIONS.
 - SEE SHEET A571 FOR FLOORING TRANSITION DETAILS.
 - SEE DOOR AND WINDOW SHEET A600 FOR H.M. DOOR AND FRAME PAINT COLORS.
 - AT ALL TILE WALLS USE SCHLUTER JOULEY AT ALL OUTSIDE WALL EDGES AND OUTSIDE CORNERS, SCRIBE BOTTOM TILE TO MATCH FINISH FLOOR SURFACE AND CAULK WITH BASE NB.



A1 PLAN - LEVEL 04 - FINISH
SCALE: 1/8" = 1'-0"

KEYED NOTES



REV	DATE	DESCRIPTION

VCBO NUMBER: 19140
 CLIENT NUMBER: 00000
 DATE: DECEMBER 10, 2019

INTERMOUNTAIN ~ SHC 4TH FLOOR REMODEL
 INTERMOUNTAIN HEALTH CARE
 383 WEST VINE STREET MURRAY, UT 84123
 CONSTRUCTION DOCUMENTS



GENERAL CEILING NOTES

1. REFER TO DETAIL C6A530 FOR TYPICAL CEILING SUSPENSION & SEISMIC BRACING
2. REFER TO DETAIL A6A530 FOR TYPICAL SUSPENDED GYP. BOARD CEILINGS
3. ALL UNIDENTIFIED CEILING TYPES ON THE PLANS SHALL BE TYPE "A" AT 9'-4" A.F.F.
4. GRID SUSPENSION SYSTEMS SHALL BE CENTERED WITHIN AREAS INDICATED, UNLESS NOTED OTHERWISE
5. PAINT ALL EXPOSED STRUCTURE, MECHANICAL, DUCTS, ELECTRICAL WORK, PIPING, ETC. ALL VISIBLE ELEMENTS TO BE PAINTED AT TYPE "E" & TYPE "F" (ABOVE VENTWOOD)
6. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF MECHANICAL GRILLES, AND TO MECHANICAL DRAWINGS FOR QUANTITIES AND TYPES
7. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF LIGHT FIXTURES AND TO ELECTRICAL DRAWINGS FOR QUANTITY AND TYPES
8. MECHANICAL AND ELECTRICAL CONTRACTORS TO COORDINATE WORK WITH SPRINKLER CONTRACTOR TO AVOID CONFLICTS IN FIELD
9. ALL CEILING HEIGHTS ARE ELEVATION ABOVE TOP OF CONCRETE FLOOR SLAB
10. ALL TYPE C CEILINGS IN RESTROOMS, LOCKER ROOMS, SHOWERS, AND WET AREAS TO BE EPOXY PAINTED

CEILING LEGEND

- A- SUSPENDED 2' X 2' ACOUSTICAL LAY-IN TILE CEILING (2ND LOOK)
- B- SUSPENDED 2' X 4' ACOUSTICAL LAY-IN TILE CEILING
- C- SUSPENDED 5/8" GYP. BD. CEILING SYSTEM - (1 LAYER) PAINTED
- D- VENTED WOOD CEILING SYSTEM WITH 2' X 4' ACOUSTICAL LAY-IN BLACK TILE CEILING ABOVE
- E- EXISTING CEILING

CEILING SYMBOLS

ELECTRICAL

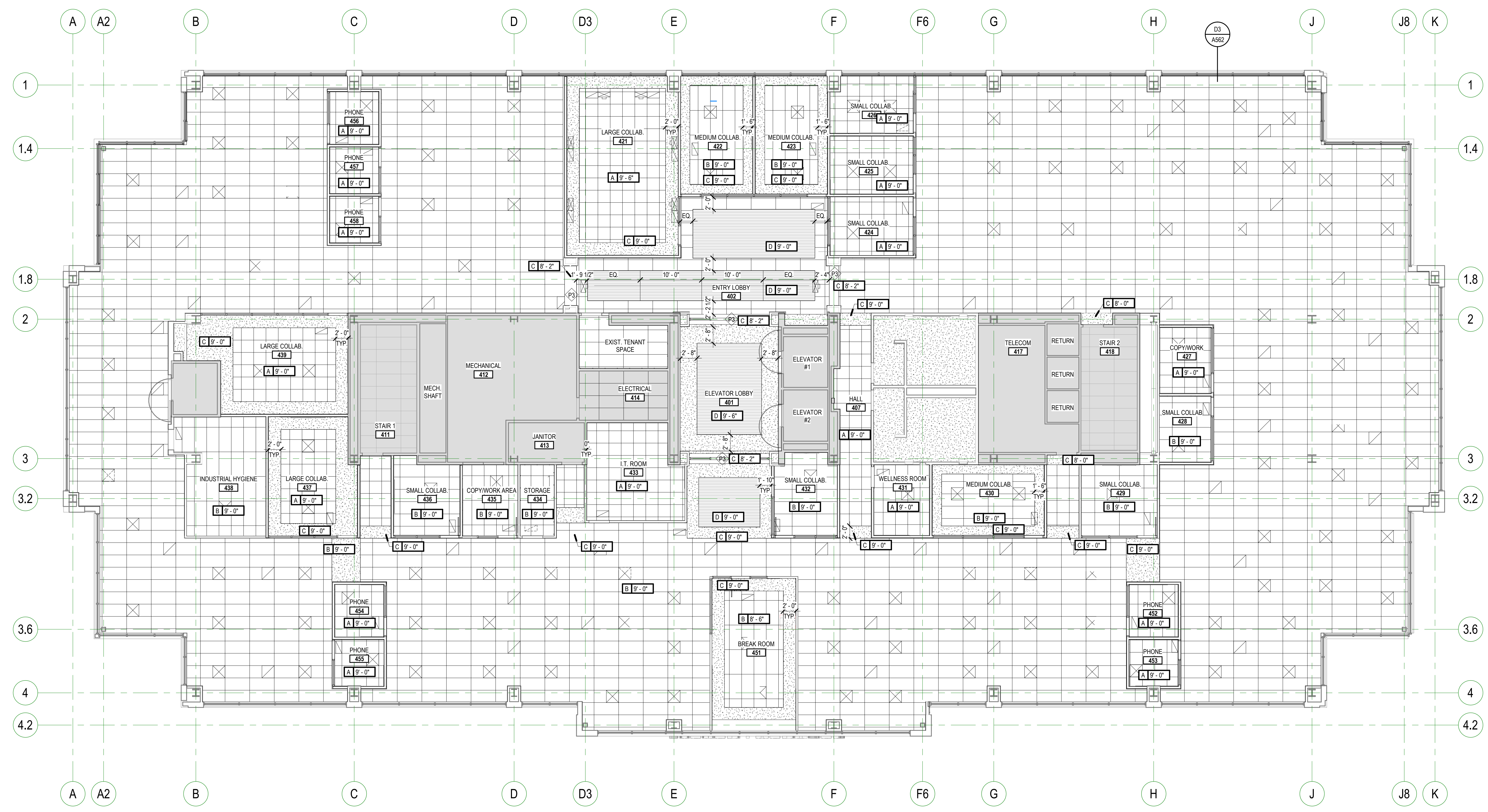
- 2'X4' FLUORESCENT FIXTURE
- 2'X2' FLUORESCENT FIXTURE
- 1'X4' FLUORESCENT FIXTURE
- FLUORESCENT STRIP FIXTURE
- RECESSED DOWN LIGHT
- WALL WASH
- 1'X4' FLUORESCENT FIXTURE
- EXIT SIGN, SINGLE-SIDED
- EXIT SIGN, DOUBLE-SIDED
- FIRE ALARM
- SPEAKER
- SMOKE DETECTOR
- WIRELESS INTERNET

MECHANICAL

- SUPPLY GRILLE
- RETURN GRILLE
- EXHAUST GRILLE
- LINEAR DIFFUSER
- SPRINKLER HEAD - CEILING MOUNT
- SPRINKLER HEAD - WALL MOUNT

REV	DATE	DESCRIPTION

VCBO NUMBER: 19140
CLIENT NUMBER: 00000
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A1 PLAN - LEVEL 04 - RCP
SCALE: 1/8" = 1'-0"



REV	DATE	DESCRIPTION

VCBO NUMBER: 19140
CLIENT NUMBER: 00000
DATE: DECEMBER 10, 2019



A1 PLAN - LEVEL 04 - FURNITURE
SCALE: 1/8" = 1'-0"

FOR REFERENCE ONLY

SPACE SUMMARY:
126 CUBICLE SPACES
15 HOTELING STATIONS
3 LARGE COLLABORATION ROOMS
2 MEDIUM COLLABORATION ROOMS
8 SMALL COLLABORATION ROOMS
7 PHONE ROOMS

INTERMOUNTAIN ~ SHC 4TH FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123
CONSTRUCTION DOCUMENTS

LEGEND - FINISH					
MARK	DESCRIPTION	MANUFACTURER	NAME	COLOR	COMMENTS
FLOOR					
F1	CARPET TILE	SHAW CONTACT	HAND DRAWN, STIPPLE TILE 6T116	SLATE 13585	18" X 36" PLANK ASHLAR INSTALLATION
F2	CARPET TILE - ACCENT	SHAW CONTACT	NOBLE MATERIALS, FORM TILE ST106	CORNERSTONE COPPER 33555	24" X 24" SQUARE, STRAIGHT SET
F3	PORCELAIN TILE	DALTILE	STONE ATTACHE, CONSULATE, ANTIQUE	PREMIER GREY CS05, UNPOLISHED	24" X 48" ASHLAR TILE INSTALLATION
F4	LUXURY VINYL TILE	MANNINGTON COMMERCIAL	NATURE'S PATHS	WINDSOR OAK, ASHEN 12372-67	6" X 36" PLANK, ASHLAR INSTALLATION
F5	STATIC DISSIPATIVE	FLEXCO	DELANE	GRAY/DARK GRAY 42	24" X 24" MONOLITHIC INSTALLATION
BASE					
B1	RUBBER BASE	ROPPE	PINNACLE RUBBER BASE	DOLPHIN 129	4" STANDARD COVE TOE
B2	NOT USED				
B3	ALUMINUM COVE BASE FOR TILE	SCHLUTER SYSTEMS	DILEXAHK	SATIN ANODIZED ALUMINUM	3/8" RADIUS
PAINT					
P1	GENERAL PAINT	SHERWIN WILLIAMS		SW 7009, PEARLY WHITE	SEMI GLOSS FINISH
P2	ACCENT PAINT - GRAY	SHERWIN WILLIAMS		SW 7018, DOVETAIL	SEMI GLOSS FINISH
P3	ACCENT PAINT - BLUE	SHERWIN WILLIAMS		SW 2740, MINERAL GRAY	SEMI GLOSS FINISH
P4	ACCENT PAINT - YELLOW	SHERWIN WILLIAMS		SW 6684, BRITTLERBUSH	SEMI GLOSS FINISH
SURFACE					
S1	QUARTZ COUNTERTOP	CAMBRIA	MARBLE COLLECTION	TORQUAY	MATTE FINISH
S2	PLASTIC LAMINATE FOR MILLWORK	WILSONART	HIGH PRESSURE LAMINATE	WALNUT HEIGHTS, 7969K-12	SOFT GRAIN FINISH
S3	ACOUSTIC PANELS	AUTEX	CUBE 1/2"	OPERA	PHONE ROOM ACOUSTIC TREATMENT. SEE DETAIL A4/A571
WALL					
W1	WALL COVERING	MAHARAM	NOOK 399013	ROCK 004	
W2	WALL TILE - DRINKING FOUNTAINS	DALTILE	VOLUME 1.0 GLAZED PORCELAIN	DEGREES SILVER VL71	12" x 12" MONOLITHIC INSTALLATION, GROUT: MAPEI PEWTER 02
W3	TILE BACKSPLASH; ELEVATOR LOBBY	DALTILE	LIMESTONE MOSAIC, POLISHED MODERN	CHENILLE WHITE L191	IRREGULAR MOSAIC, GROUT: MAPEI PEWTER 02
W4	WALL TILE - RESTROOMS	DALTILE	POLARIS, PL02	GLOSS WHITE	9" X 12" MONOLITHIC INSTALLATION, GROUT: MAPEI WHITE 00
W5	ACCENT TILE - RESTROOMS	DALTILE	STONE RADIANCE	GLACIER GRAY MAR S459, SATIN FINISH	5/8" X 5/8", GROUT: MAPEI SILVER Z7
WOOD					
WD1	PLAIN SLICED WALNUT	GRAHAM WOOD DOORS	PLAIN SLICED BLACK WALNUT	FALLOW #125	CLEAR FINISH
OTHER					
PT1	RESTROOM PARTITIONS	SCRANTON PRODUCTS	SANDCASTLE		

ROOM FINISH - SCHEDULE							
Room Name	Room Number	Floor Finish	Base Finish	Wall Finishes			
				Wall Finish Top	Wall Finish Right	Wall Finish Bottom	Wall Finish Left
ELEVATOR LOBBY	401	F3	W3, B1	P1	W3	P1	W3
ENTRY LOBBY	402	F1, F2	B1	P1	P1, P3	P1, P3	P1, P3
OPEN WORK SPACE	403	F1	B1	P1	P1,P3,W1	P1,P3,W1	P1,P3,W1
OPEN WORK SPACE	404	F1	B1	P1	P1, P3, W1	P1, P3, W1	P1, P3, W1
OPEN WORK SPACE	405	F1	B1	P1, W1	P1, P3, W1	P1, W1	P1, P3, W1
OPEN WORK SPACE	406	F1	B1	P1, W1	P1, W1	P1, W1	P1, W1
HALL	407	F1	B1	P1	P1	P1	P1, W2
NORTH ELEVATOR LOBBY	409	F1	B1	P1, W1	P1	P1	P1, W1
STAIR 1	411	--	--	--	--	--	--
MECHANICAL	412	--	--	--	--	--	--
JANITOR	413	--	--	--	--	--	--
ELECTRICAL	414	--	--	--	--	--	--
WOMENS RESTROOM	415	F3	B3	W4, W5	W4, W5	W4, W5	W4, W5, P1
MENS RESTROOM	416	F3	B3	W4, W5	W4, W5	W4, W5	W4, W5, P1
TELECOM	417	--	--	--	--	--	--
STAIR 2	418	--	--	--	--	--	--
LARGE COLLAB	421	F2	B1	P1	P1	P1	P3
MEDIUM COLLAB	422	F2	B1	P1	P1	P1	P4
MEDIUM COLLAB	423	F2	B1	P1	P1	P1	P4
SMALL COLLAB	424	F1	B1	P1	P1	P1	P4
SMALL COLLAB	425	F1	B1	P1	P1	P1	P4
SMALL COLLAB	426	F1	B1	P1	P1	P1	P4
COPYWORK	427	F1	B1	P1	P1	P1	P2
SMALL COLLAB	428	F1	B1	P1	P1	P1	P4
SMALL COLLAB	429	F1	B1	P4	P1	P1	P1
MEDIUM COLLAB	430	F2	B1	P4	P1	P1	P1
WELLNESS ROOM	431	F1	B1	P1	P3	P1	P1
SMALL COLLAB	432	F1	B1	P1	P4	P1	P1
L.T. ROOM	433	F5	B1	P1	P1	P1	P1
STORAGE	434	F1	B1	P1	P1	P1	P1
COPYWORK AREA	435	F1	B1	P1	P1	P1	P2
SMALL COLLAB	436	F1	B1	P1	P4	P1	P1
LARGE COLLAB	437	F2	B1	P1	P1	P1	P3
INDUSTRIAL HYGIENE	438	F4	B1	P1	P1	P1	P2
LARGE COLLAB	439	F2	B1	P1	P1	P4	P1
STORAGE	440	F1	B1	P1	P1	P1	P1
BREAK ROOM	451	F4	B1	P1	P1	P1	P2
PHONE	452	F1	B1	P1	P2	P1	P1
PHONE	453	F1	B1	P1	P1	P1	P2
PHONE	454	F1	B1	P1	P1	P1	P2
PHONE	455	F1	B1	P1	P2	P1	P1
PHONE	456	F1	B1	P1	P2	P1	P1
PHONE	457	F1	B1	P1	P1	P1	P2
PHONE	458	F1	B1	P1	P1	P1	P2

GENERAL FINISH NOTES

1. PROVIDE EPOXY PAINT AT ALL RESTROOMS, SHOWERS, LOCKER ROOMS AND JANITOR CLOSETS.
2. ALL FLOOR TRANSITIONS TO BE LOCATED AT CENTER OF DOOR, U.N.O. ALL FLOOR TRANSITIONS AT FLOOR TILE (F3) LOCATIONS TO BE LOCATED AT INSIDE CORNER OF DOOR.
3. ALL GROUT JOINTS TO BE NO LARGER THAN 1/8".
4. FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.
5. COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.
6. SEE ELEVATION SHEETS FOR ALL WALL TILE PATTERNS.
7. AT SOFFITS RECEIVING COLOR- PAINT ALL SIDES OF SOFFIT.
8. ALL WOOD TRIM TO BE STAINED TO MATCH DOOR STAIN.
9. ALL COUNTERTOP, BACKSPLASHES, AND EDGE BANDING TO HAVE COORDINATING FINISHES.
10. PROVIDE A SMOOTH TRANSITION AT ALL FLOOR MATERIALS - CONTRACTOR TO INSTALL ALL FLOOR FINISHES AT SAME LEVEL, DESPITE DIFFERENT THICKNESS. PROVIDE FLOOR TRANSITION WHERE OCCURS.
11. ALL WALLS RECEIVING TILE WAINSCOT TO RECEIVE PAINT P1 ABOVE, U.N.O. SEE FINISH PLANS FOR ACCENT WALL LOCATIONS.
12. SEE SHEET A571 FOR FLOORING TRANSITION DETAILS.
13. SEE DOOR AND WINDOW SHEET A600 FOR H.M. DOOR AND FRAME PAINT COLORS.
14. AT ALL TILE WALLS USE SCHLUTER JOLLEY AT ALL OUTSIDE WALL EDGES AND OUTSIDE CORNERS. SCRIBE BOTTOM TILE TO MATCH FINISH FLOOR SURFACE AND CAULK WITH BASE 'NB'.



REV	DATE	DESCRIPTION

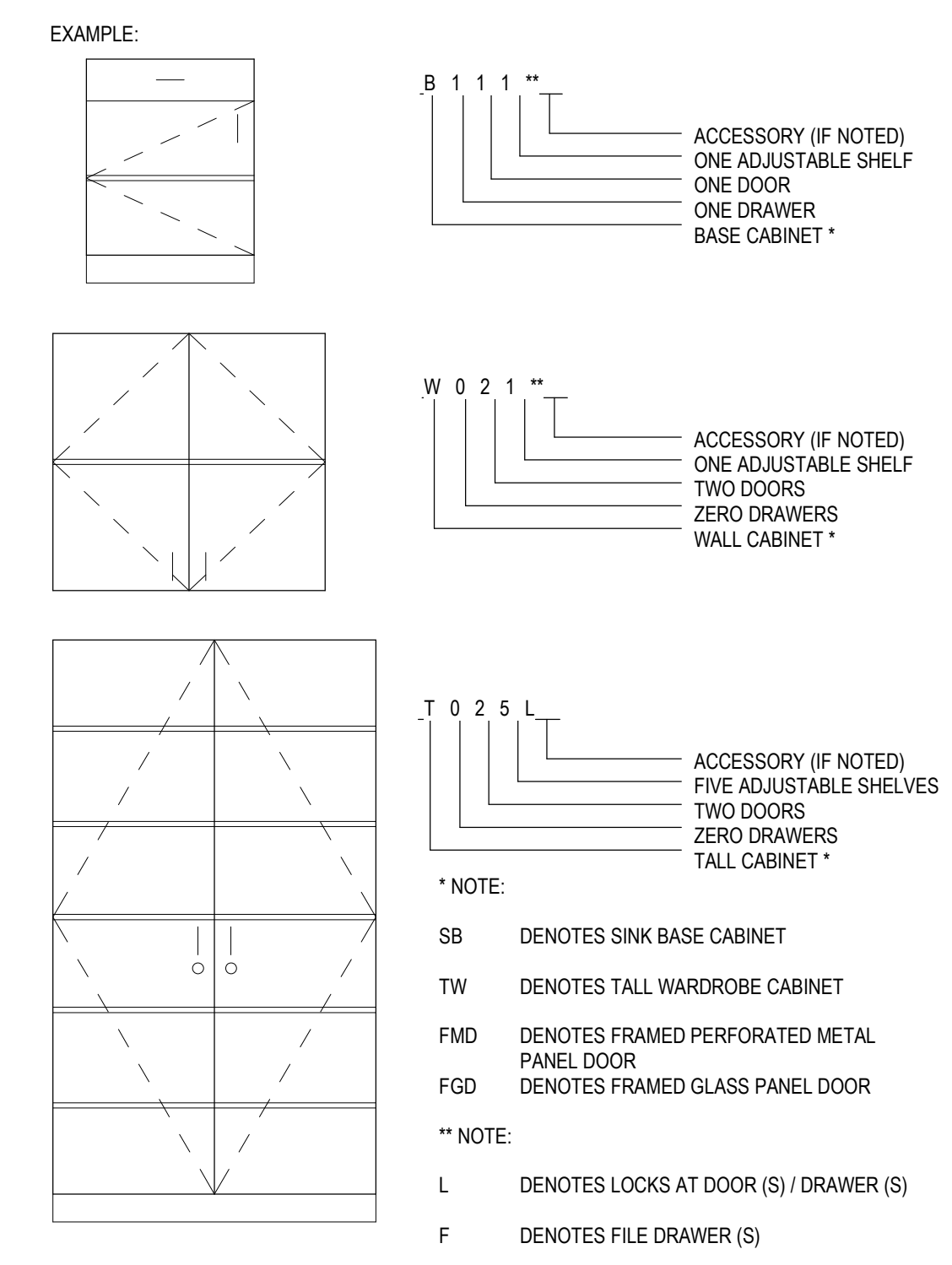
VCBO NUMBER: 19140
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INTERMOUNTAIN ~ SHC 4TH FLOOR REMODEL
 INTERMOUNTAIN HEALTH CARE
 383 WEST VINE STREET MURRAY, UT 84123
 CONSTRUCTION DOCUMENTS

FINISH LEGEND - SCHEDULE

A400

ARCHITECTURAL MILLWORK KEY



CABINET MEASUREMENTS SHOWN ARE ACTUAL SIZES. BASE CABINET HEIGHTS ALLOW FOR A COUNTERTOP 1 1/2" THICK. CABINET DEPTHS ARE MEASURED FROM THE BACK TO THE FACE OF THE DOOR OR DRAWER FRONT (WHERE APPLICABLE).

ALL CABINET INTERIORS, WHETHER CONCEALED BEHIND DOORS OR OPEN, ARE STANDARD MELAMINE LAMINATE AS PER SPECIFICATIONS.

MILLWORK LEGEND

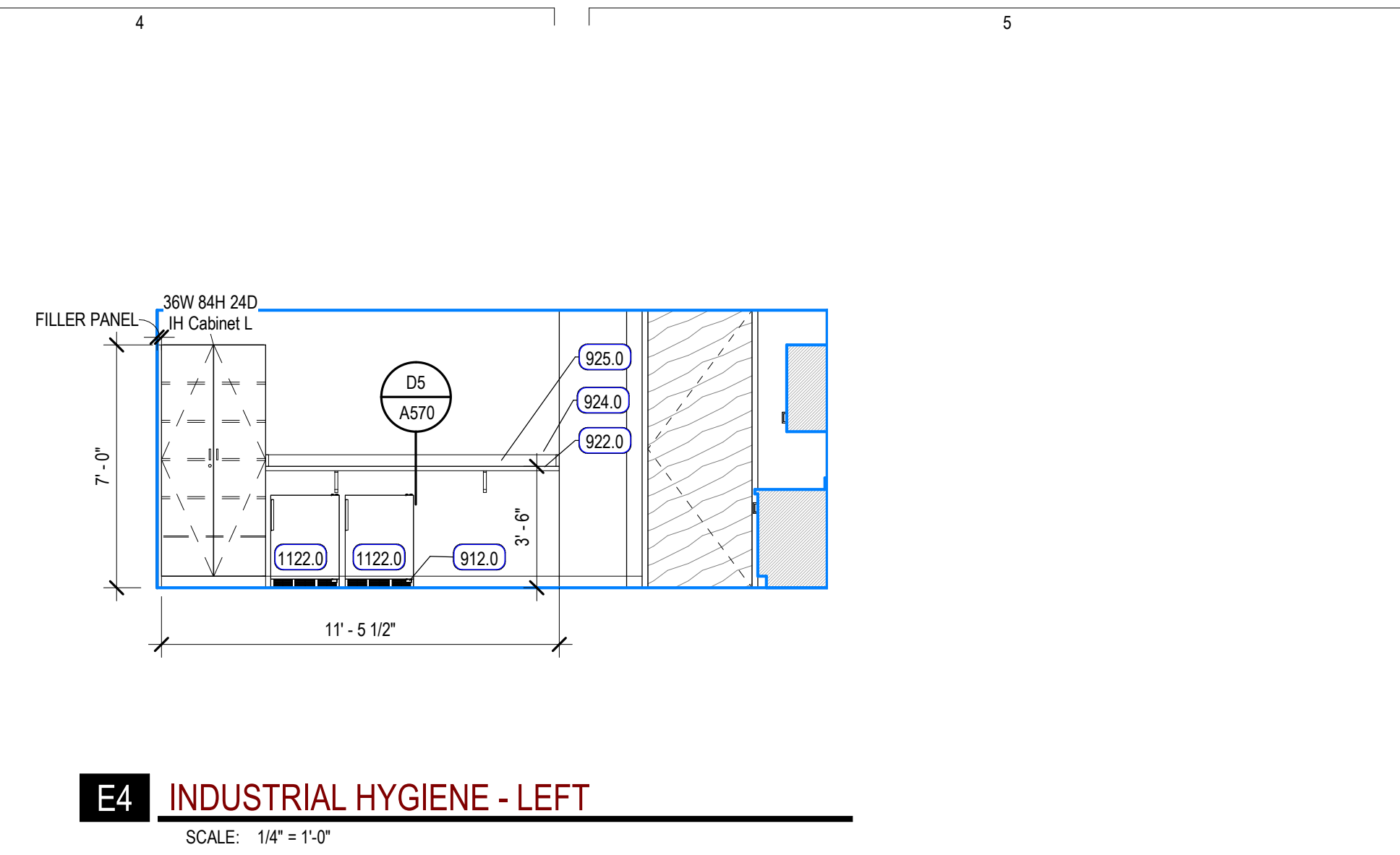
- MILLWORK DIMENSION NUMBERS ARE WIDTH X HEIGHT X DEPTH.
- ALL MILLWORK DIMENSIONED FROM BASE TO TOP OF IDENTIFIED COUNTERTOP, TYP
- CABINET DEPTHS ARE MEASURED FROM THE WALL TO THE FACE OF THE DOOR OR DRAWER FRONT (WHERE APPLICABLE).
- PROVIDE BASE AT ALL CABINET TOE SPACE, UNLESS NOTED OTHERWISE.
- ALL COUNTERTOPS TO HAVE A 4" BACKSLASH, UNLESS NOTED OTHERWISE, TO MATCH COUNTERTOP, ON BACK AND SIDE WALLS.
- PROVIDE FILLER PANELS TO SEAL SIDES AND TOPS OF ALL CABINETS PLACED AT AN ANGLE TO ADJACENT WALL(S).
- ALL MILLWORK TO FINISHED ON ENDS, TYP.
- CONTRACTOR TO PROVIDE BLOCKING BEHIND ALL CABINETS, COAT RACKS, PENCIL SHARPENER BLOCKS, T.V. BRACKETS AND PROJECTION SCREENS AS WELL AS ALL WALL MOUNTED ACCESSORIES, INCLUDING WHITE BOARDS, TACKBOARDS, TOILET AND URINAL PARTITIONS AND TOILET ROOM ACCESSORIES, ETC. NOTE: ONLY 2X WOOD BLOCKING IS ACCEPTABLE BEHIND MILLWORK AND TOILET ROOM PARTITIONS.
- REFER TO SHEET A400 FOR FINISH COLORS ON ALL MILLWORK AND CASEWORK.

TYPICAL MILLWORK DETAILS

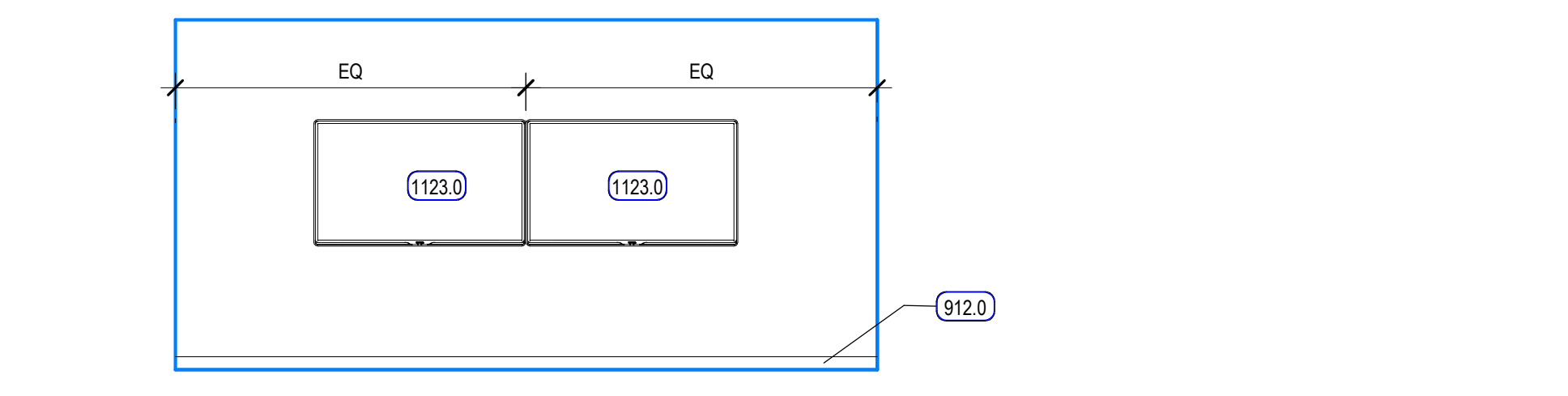
- TYPICAL MILLWORK ANCHORING DETAILS, PER DETAIL E5/A570
- TYPICAL COUNTERTOP EDGE, PER DETAIL E3/A570
- TYPICAL RESTROOM COUNTERTOP, PER DETAIL B4/A570
- TYPICAL BASE CABINET WITH DOOR(S), PER DETAIL A5/A570
- TYPICAL BASE CABINET WITH DRAWER(S), PER DETAIL A3/A570
- TYPICAL BASE CABINET WITH DOOR(S) AND DRAWER, PER DETAIL A4/A570
- TYPICAL CABINET CORNER DETAIL, PER DETAIL E4/A570
- TYPICAL UPPER CABINET WITH DOORS, PER DETAIL C2/A570
- TYPICAL SINK BASE CABINET, PER DETAIL B3/A570
- TYPICAL TALL CABINET WITH DOOR(S), PER DETAIL A1/A570
- TYPICAL TALL MICROWAVE CABINET, PER DETAIL B5/A570
- TYPICAL WALL MOUNT COUNTERTOP, PER DETAIL D5/A570
- TYPICAL COUNTERTOP WITH UNDER COUNTER REFRIGERATOR, PER DETAIL A6/A570
- TYPICAL FULL HEIGHT ADJUSTABLE SHELF, PER DETAIL D1/A570

KEYED NOTES

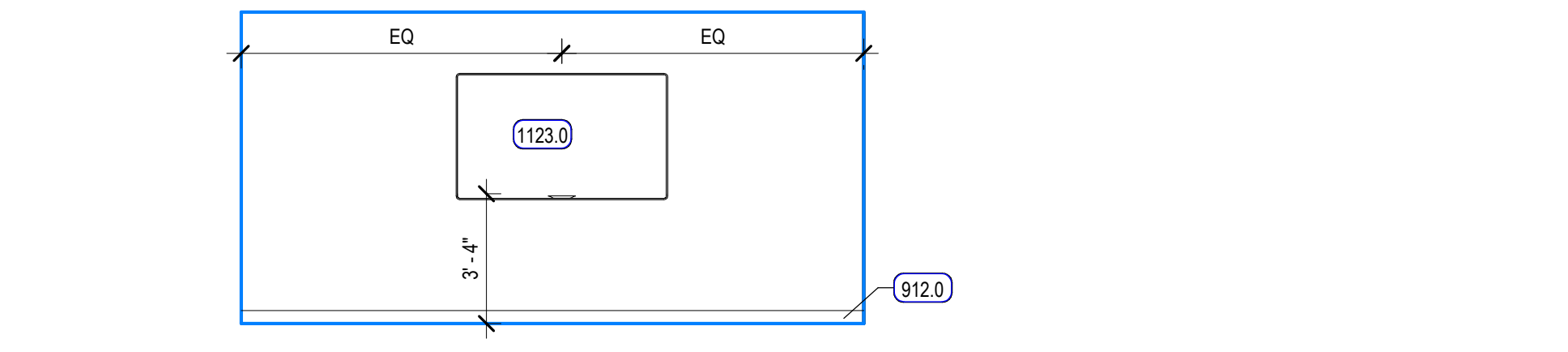
607.2	PANEL, FINISHED ENDS/BACK
809.0	WALL MIRROR, FRAMELESS
912.0	SCHEDULED BASE
929.0	QUARTZ COUNTERTOP
929.0	ACOUSTIC PANEL - INSTALL PER MANUFACTURERS RECOMMENDATION
924.0	QUARTZ BACK SPLASH
925.0	STANDING HEIGHT COUNTER
1006.1	DISPENSER, SOAP, NIC
1006.2	DISPENSER, PAPER TOWELS
1100.2	ICE MACHINE, NIC
1100.4	REFRIGERATOR, NIC
1122.0	UNDER-COUNTER REFRIGERATOR
1123.0	TYMONTOR - OWNER PROVIDED & CONTRACTOR INSTALLED - CONTRACTOR TO PROVIDE PLYWOOD BACKING
1124.0	COFFEE MAKER, NIC - OWNER PROVIDED CONTRACTOR TO PROVIDE WATER SUPPLY
2200.0	SINK + FAUCET
2223.0	BOTTLE FILLER ADDED TO EXISTING FIXTURE



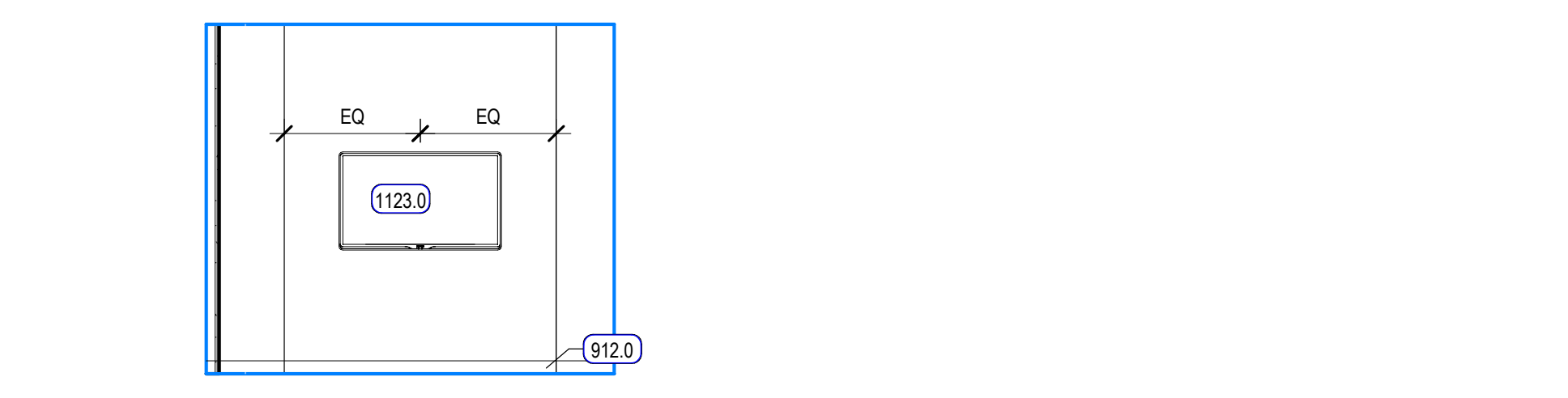
E4 INDUSTRIAL HYGIENE - LEFT
SCALE: 1/4" = 1'-0"



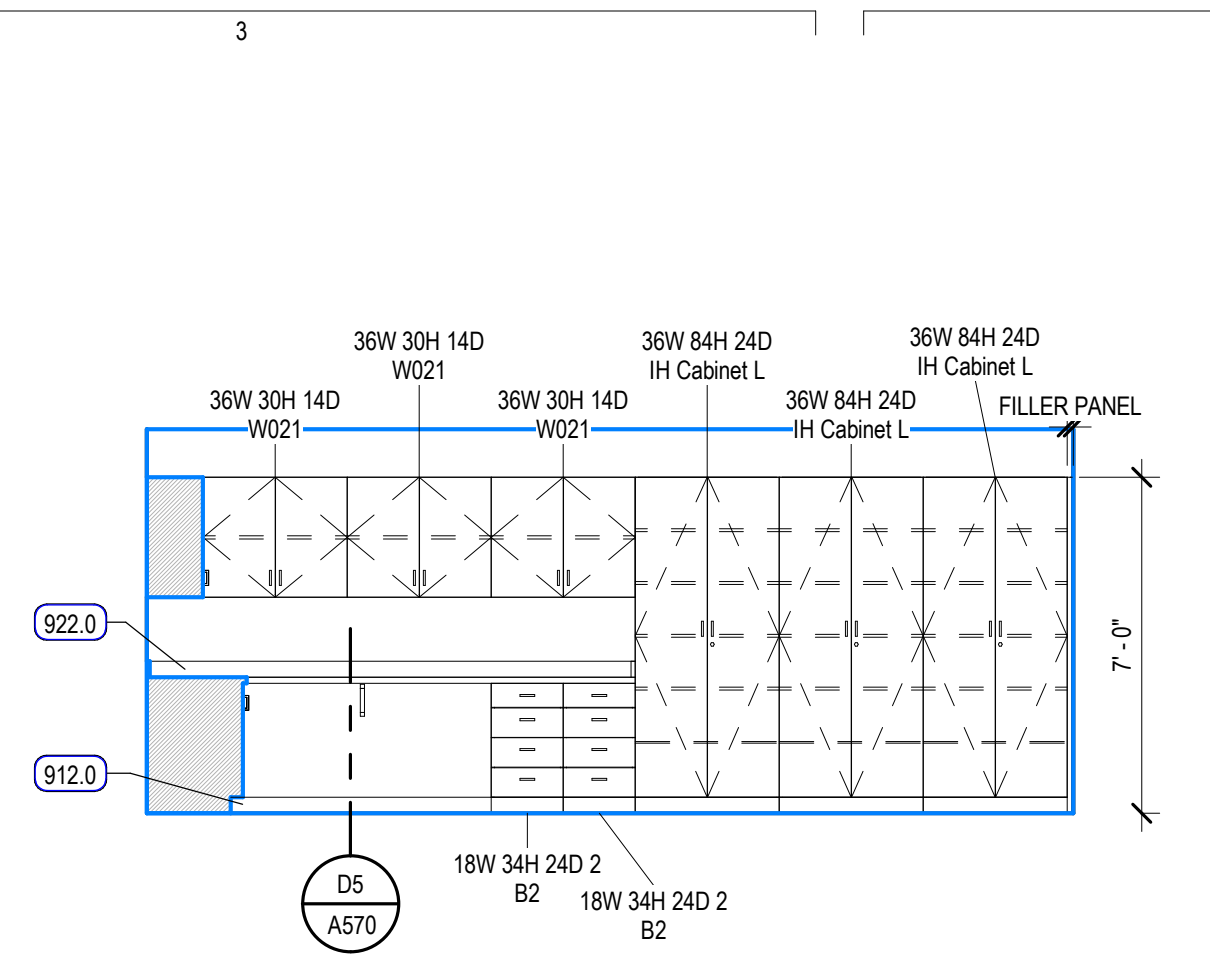
D4 LARGE COLLAB - 403 - BOTTOM
SCALE: 1/4" = 1'-0"



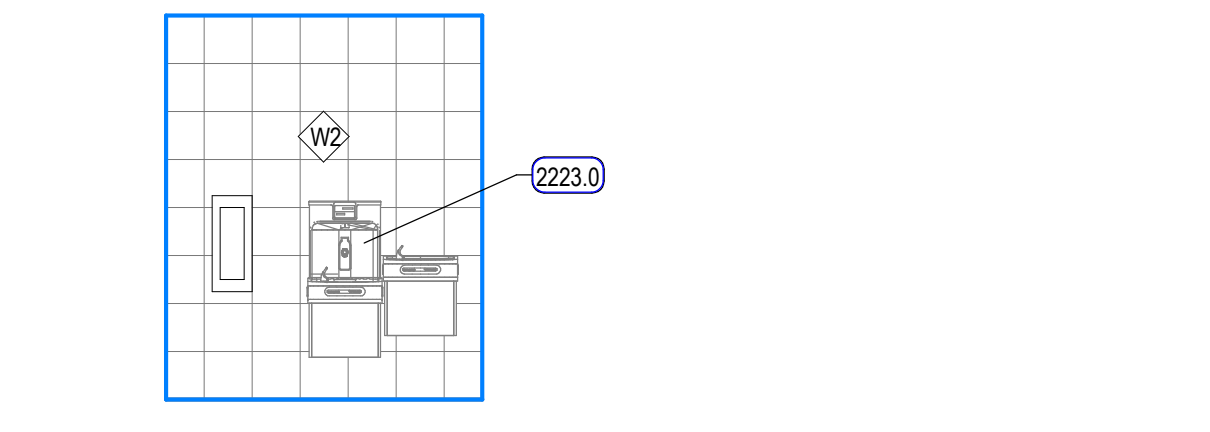
C4 LARGE COLLAB - 408 - RIGHT
SCALE: 1/4" = 1'-0"



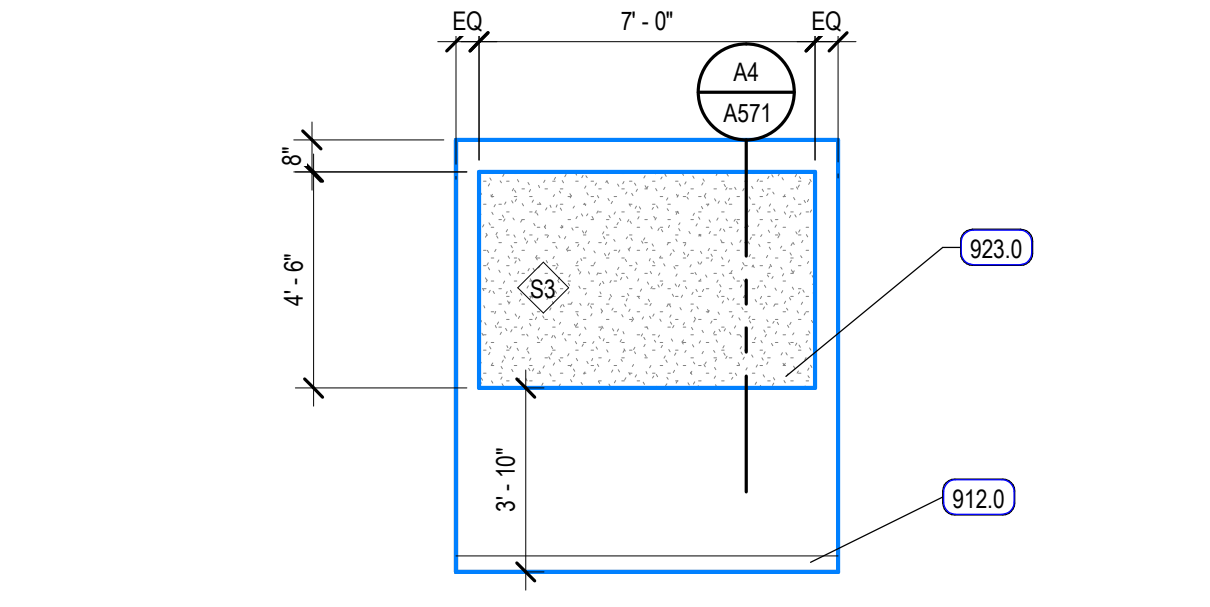
B4 SMALL COLLAB - 411 - TOP
SCALE: 1/4" = 1'-0"



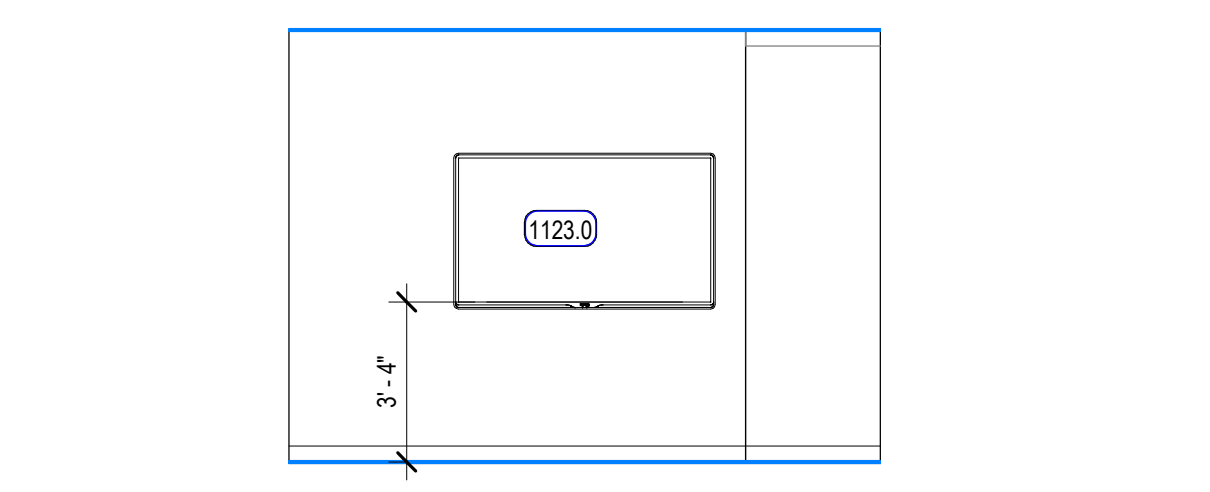
E3 INDUSTRIAL HYGIENE - RIGHT
SCALE: 1/4" = 1'-0"



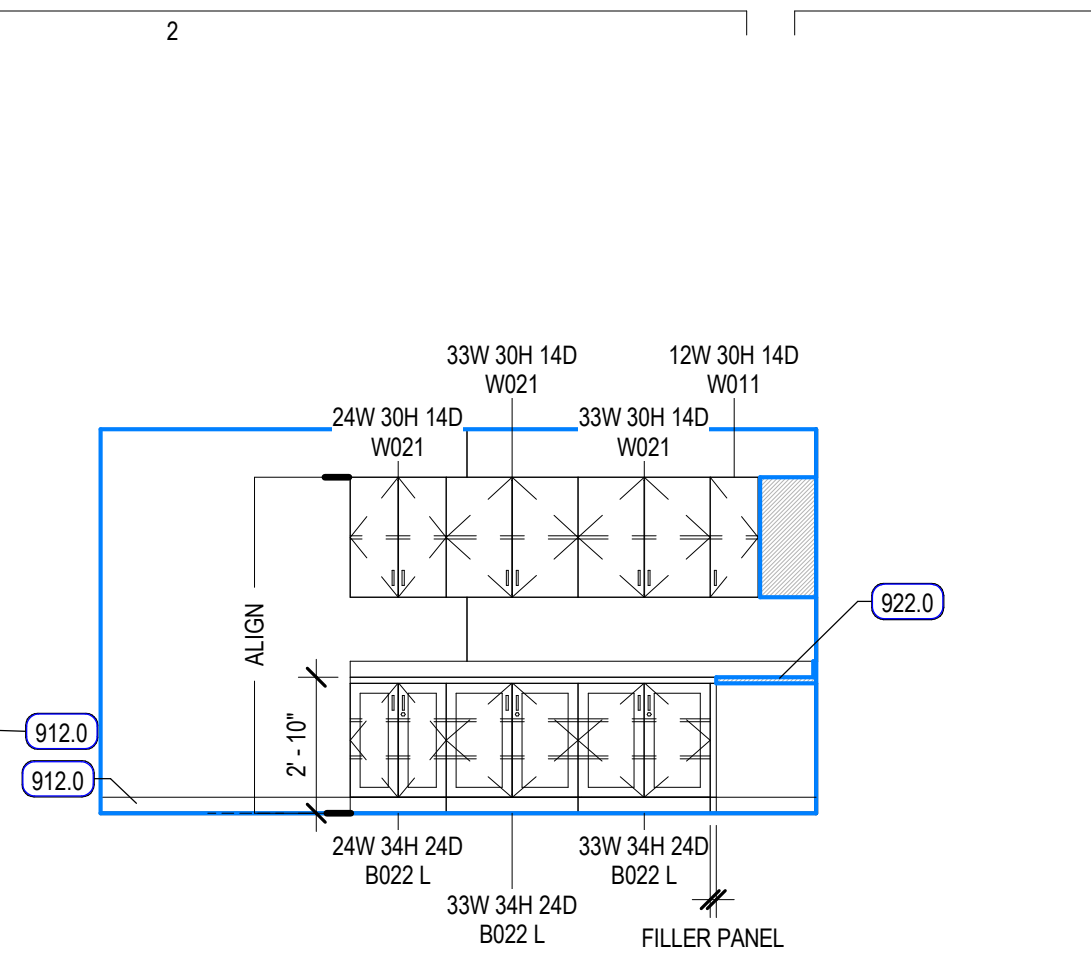
D3 DRINKING FOUNTAIN - TYP
SCALE: 1/4" = 1'-0"



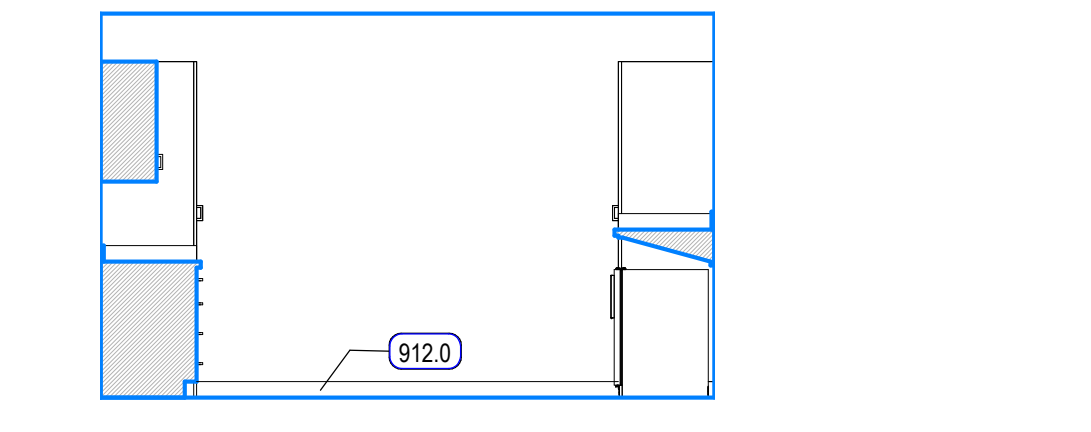
C3 PHONE ROOM ACOUSTICAL WALL - TYP
SCALE: 1/4" = 1'-0"



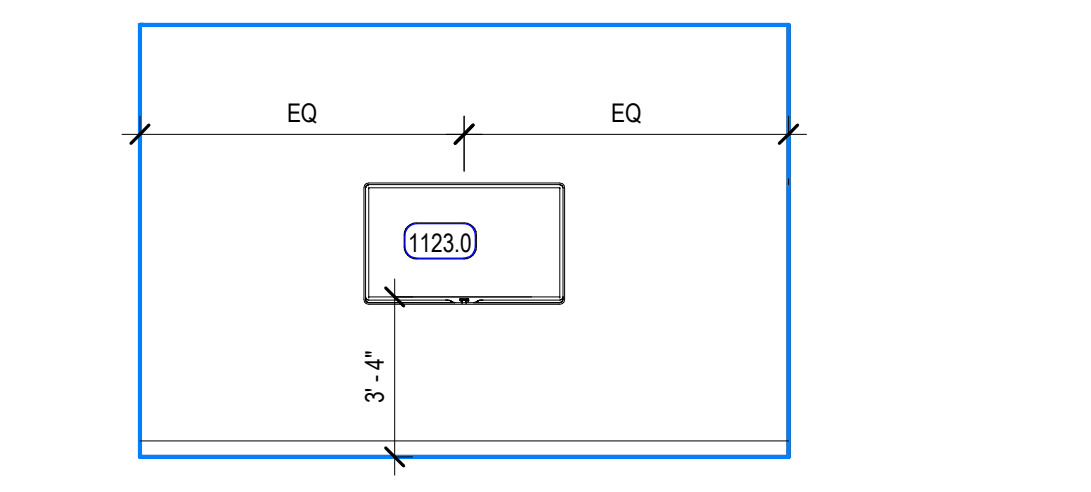
B3 LARGE COLLAB - 410 - TOP
SCALE: 1/4" = 1'-0"



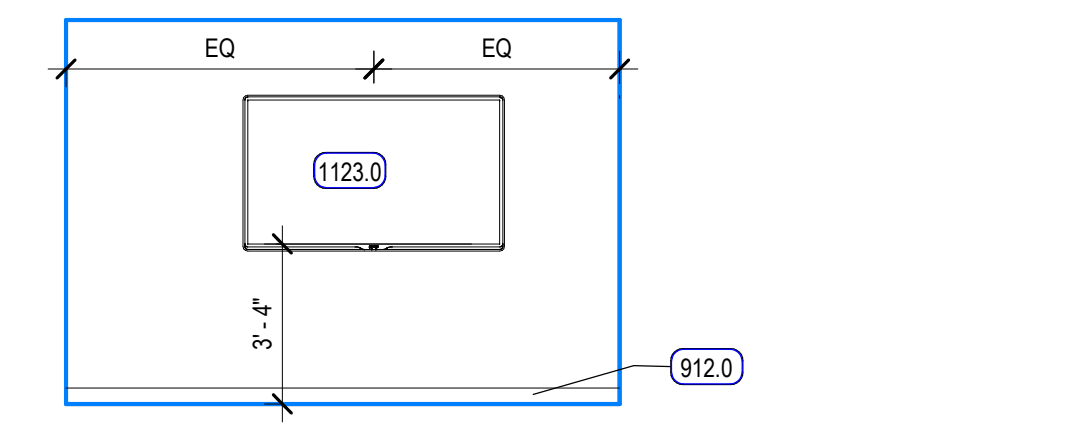
E2 INDUSTRIAL HYGIENE - TOP
SCALE: 1/4" = 1'-0"



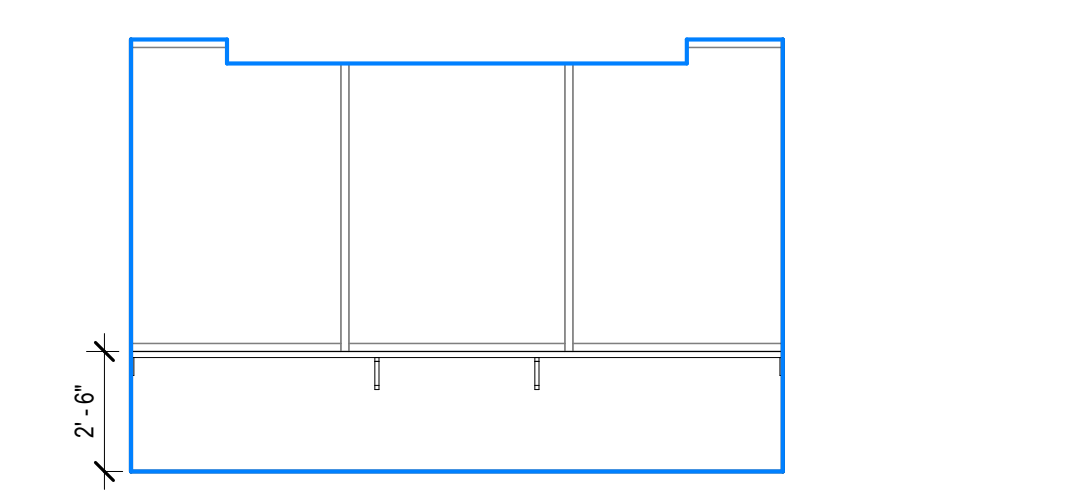
D2 INDUSTRIAL HYGIENE - BOTTOM
SCALE: 1/4" = 1'-0"



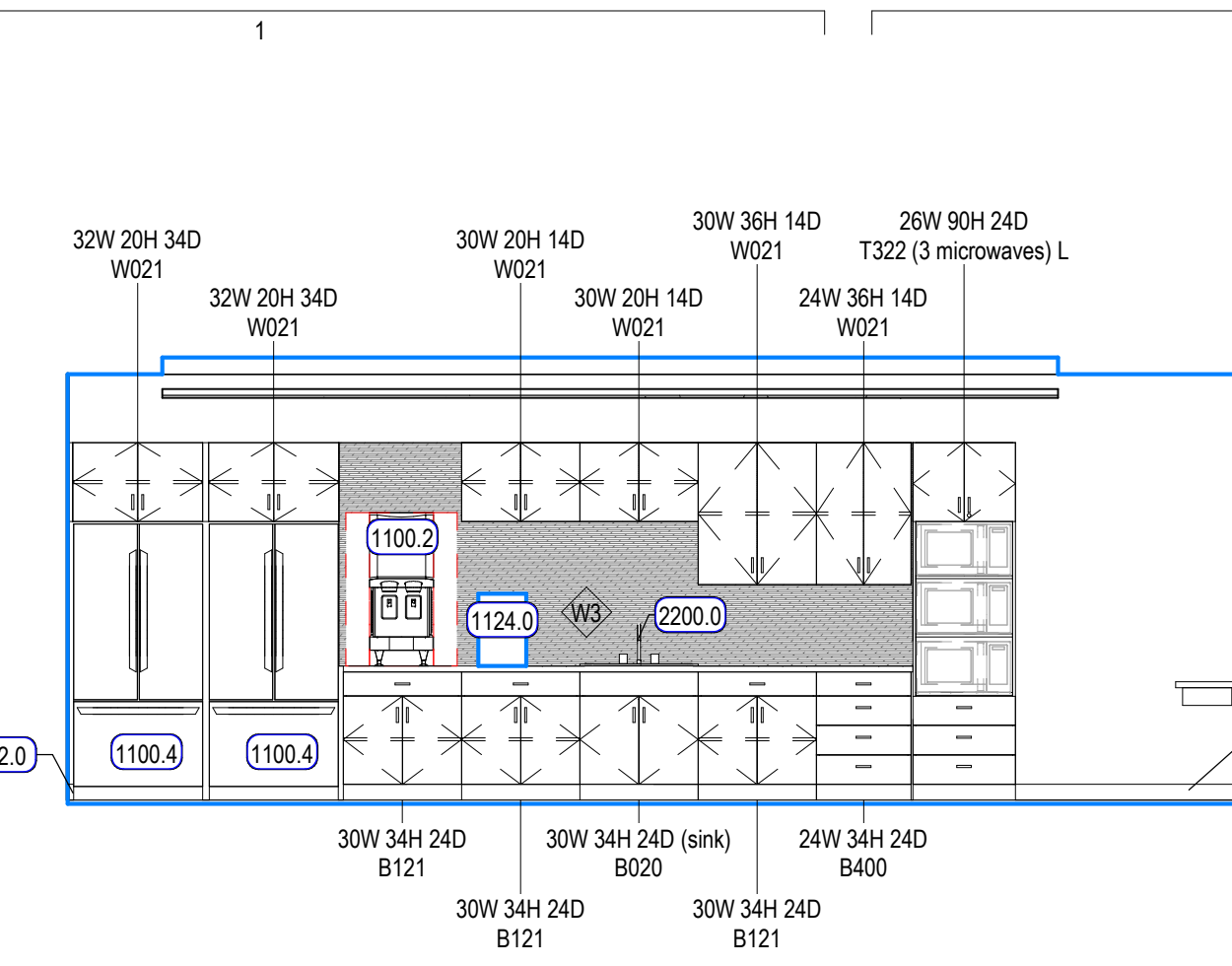
C2 SMALL COLLAB - TELEVISION WALL
SCALE: 1/4" = 1'-0"



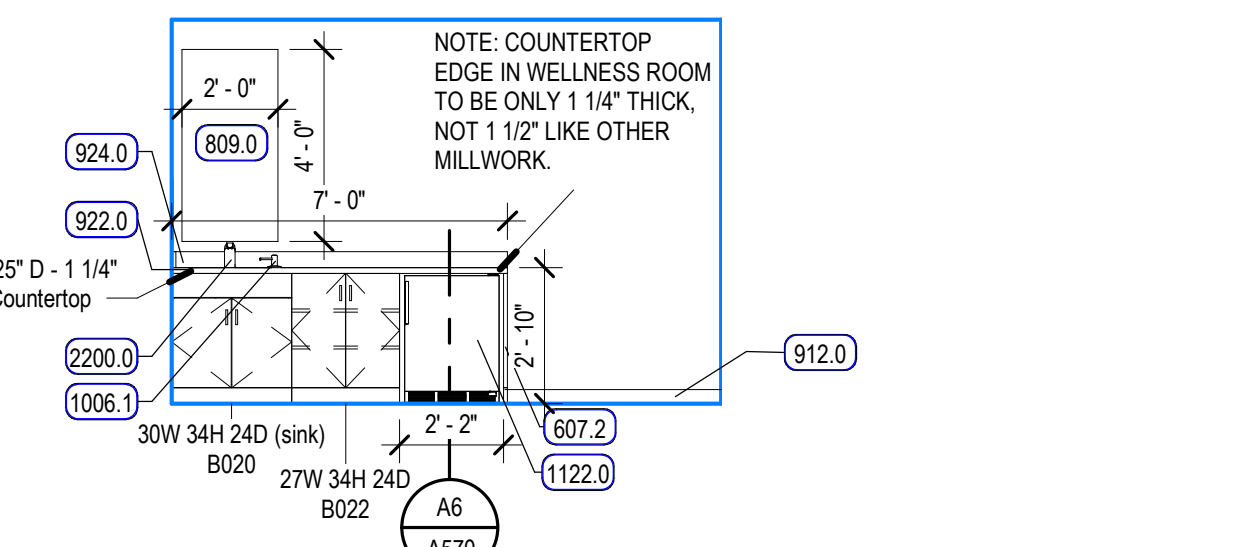
B2 SMALL COLLAB - 428 - LEFT
SCALE: 1/4" = 1'-0"



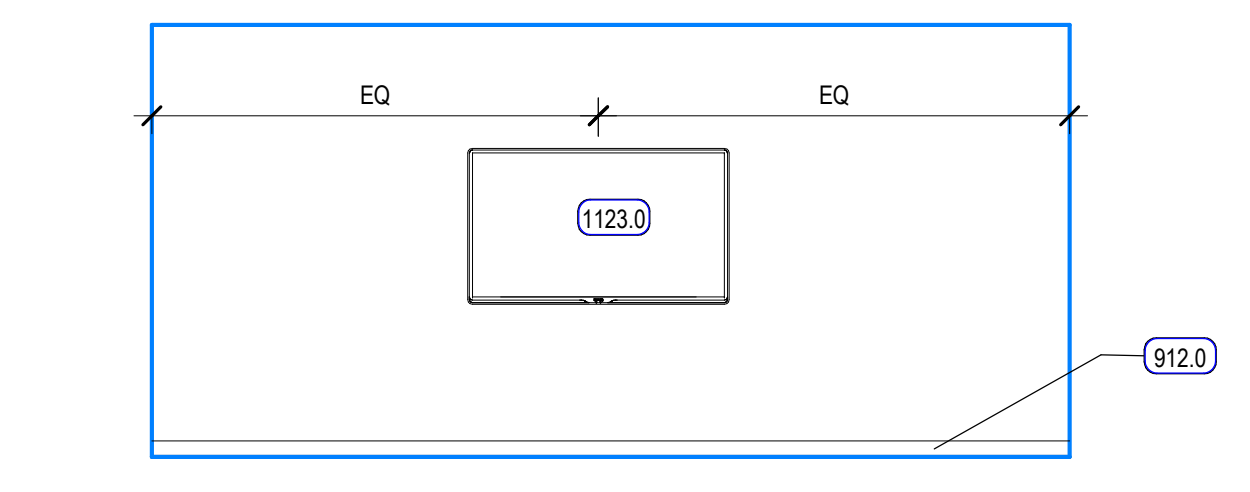
A2 BREAKROOM - 407 - BOTTOM
SCALE: 1/4" = 1'-0"



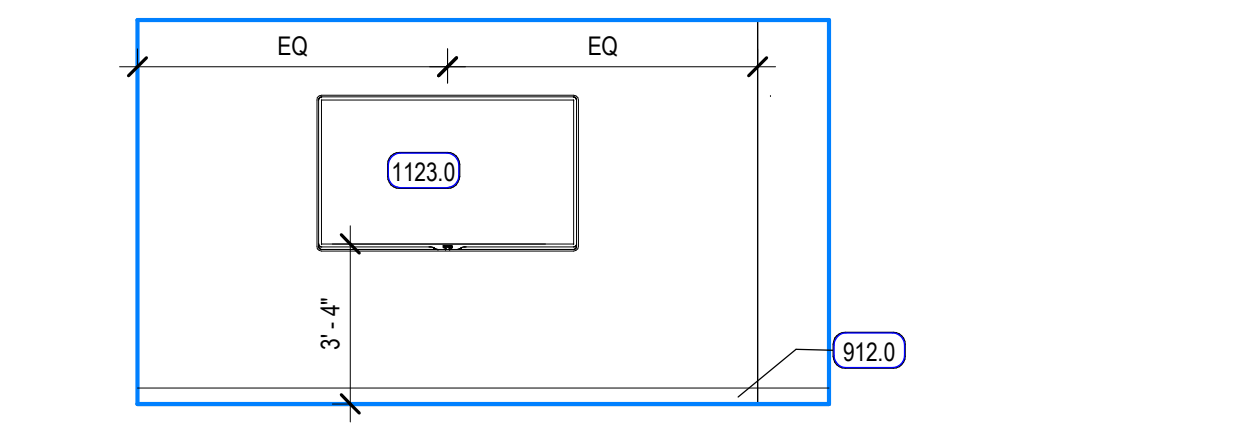
E1 BREAKROOM - 407 - RIGHT
SCALE: 1/4" = 1'-0"



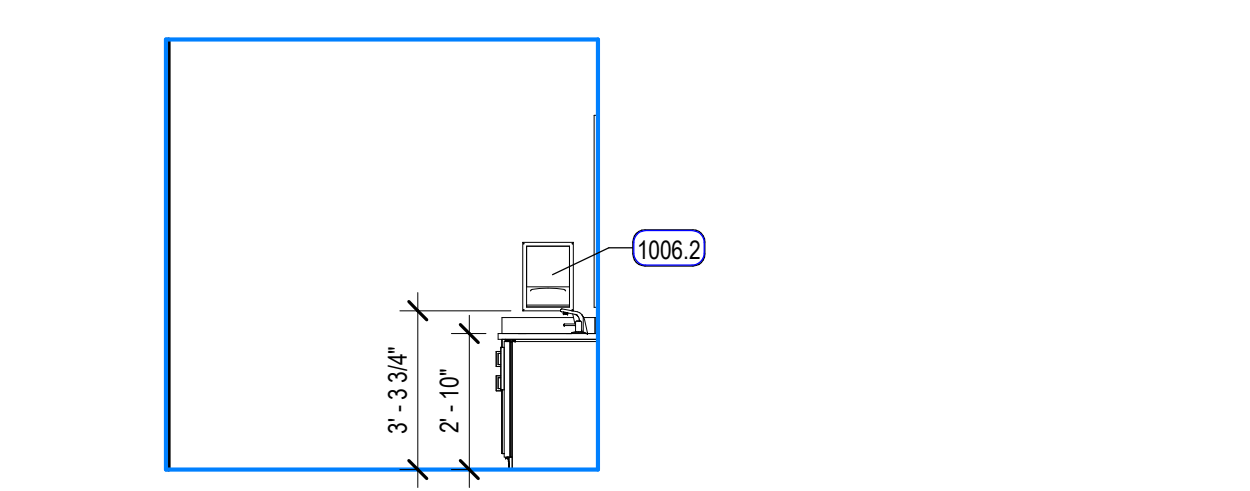
D1 WELLNESS ROOM - 417 - RIGHT
SCALE: 1/4" = 1'-0"



C1 MEDIUM COLLAB - 436 - RIGHT
SCALE: 1/4" = 1'-0"



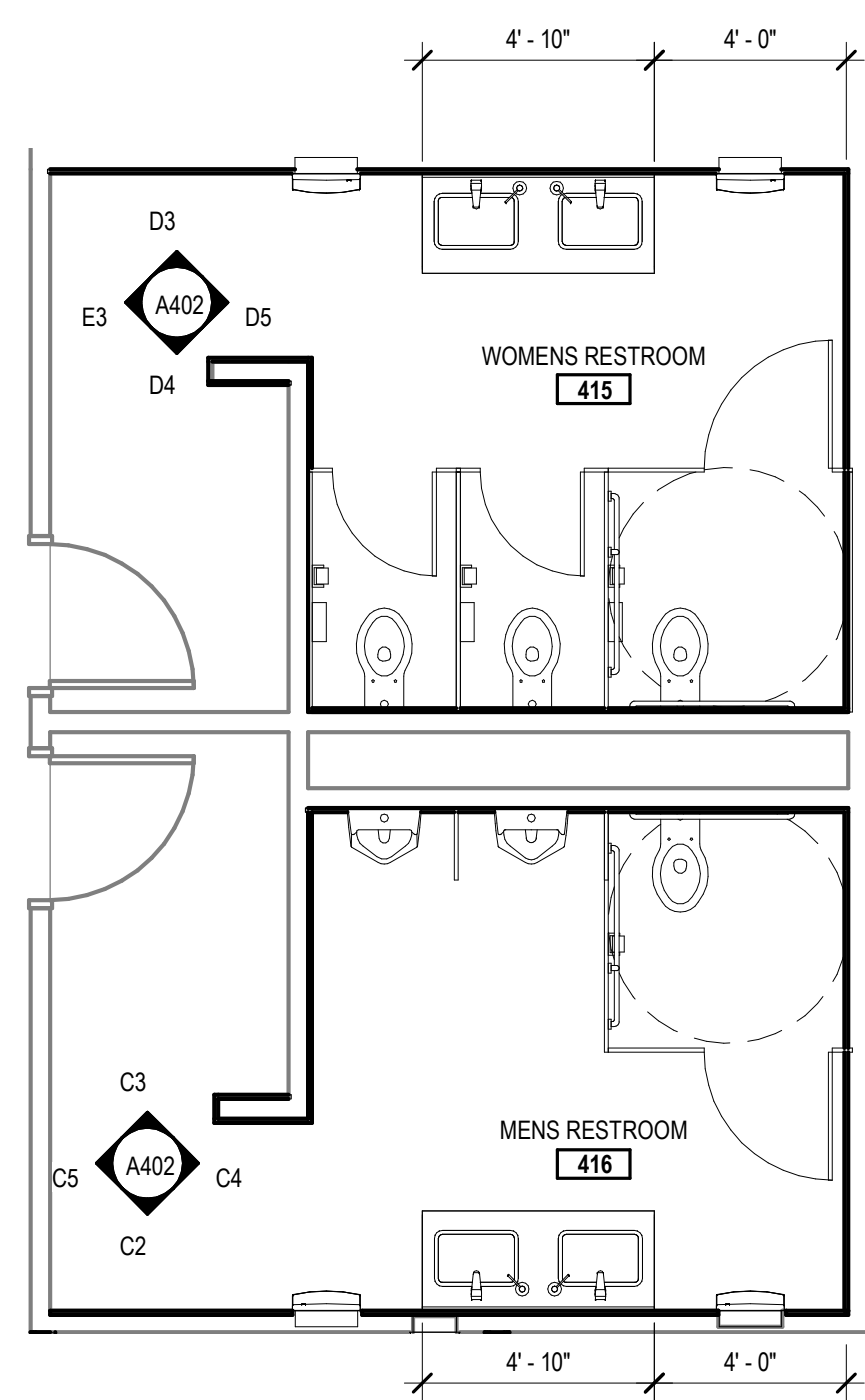
B1 LARGE COLLAB - 430 - TOP
SCALE: 1/4" = 1'-0"



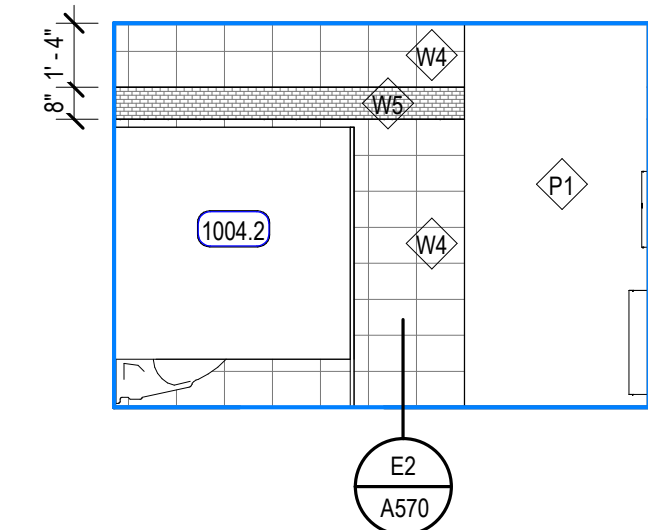
A1 WELLNESS ROOM - 417 - TOP
SCALE: 1/4" = 1'-0"

NOTE: COUNTERTOP EDGE IN WELLNESS ROOM TO BE ONLY 1 1/4" THICK. NOT 1 1/2" LIKE OTHER MILLWORK.

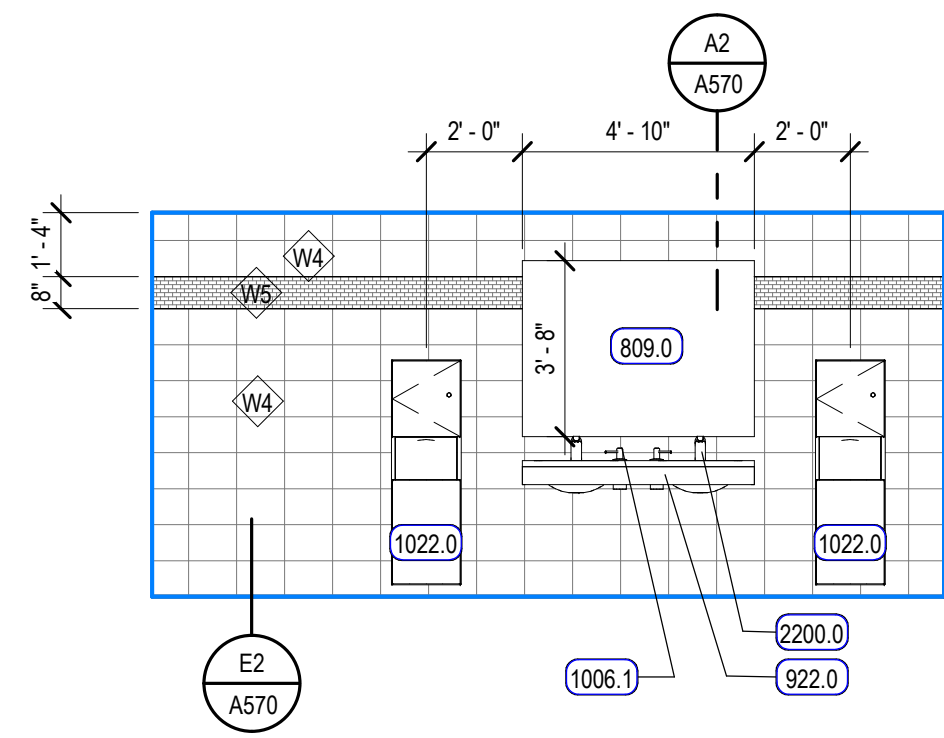
34" H x 25" D - 1 1/4" THICK Countertop



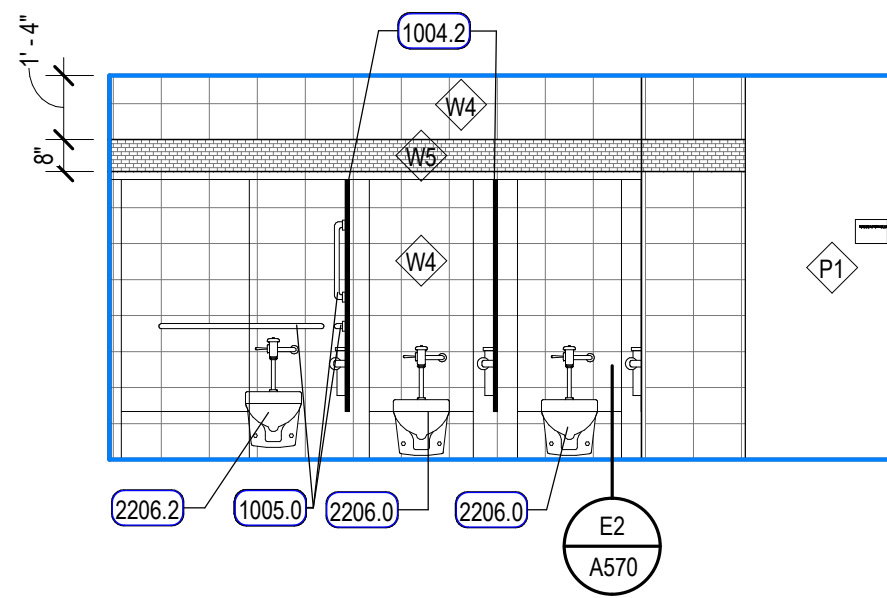
D2 ENLARGED PLAN - RESTROOMS
SCALE: 1/4" = 1'-0"



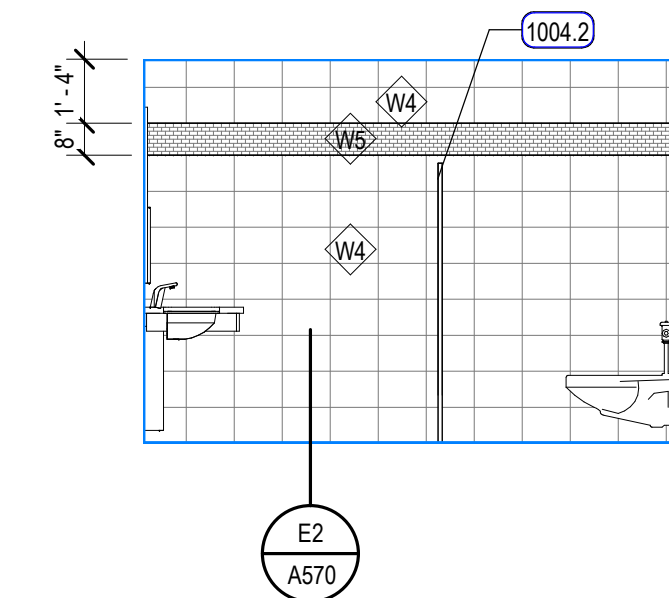
E3 WOMENS RESTROOM - LEFT
SCALE: 1/4" = 1'-0"



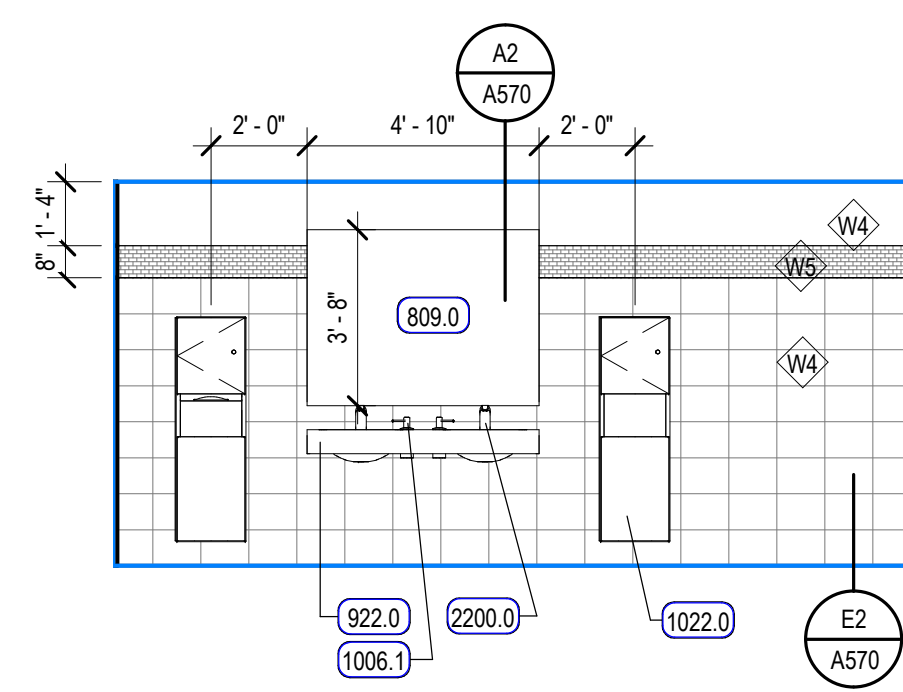
D3 WOMENS RESTROOM - TOP
SCALE: 1/4" = 1'-0"



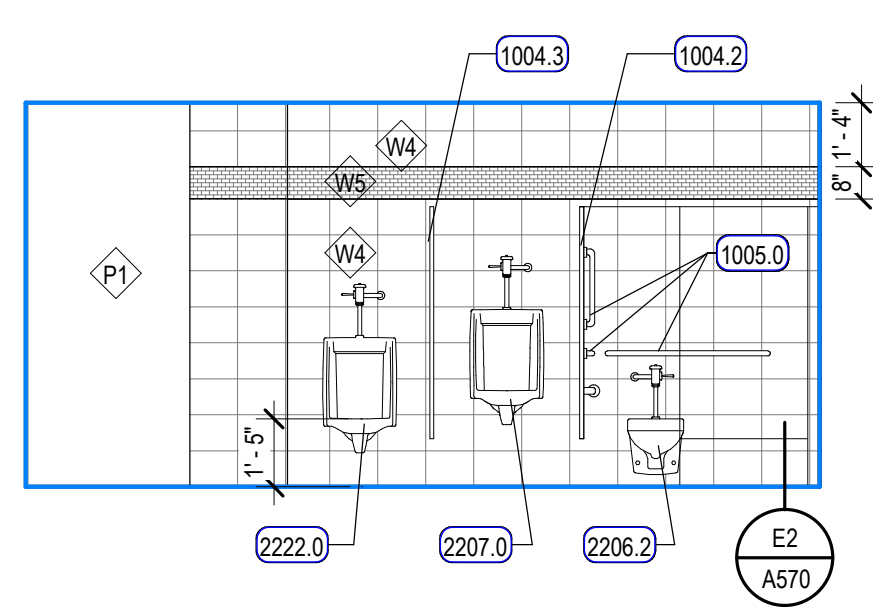
D4 WOMENS RESTROOM - BOTTOM
SCALE: 1/4" = 1'-0"



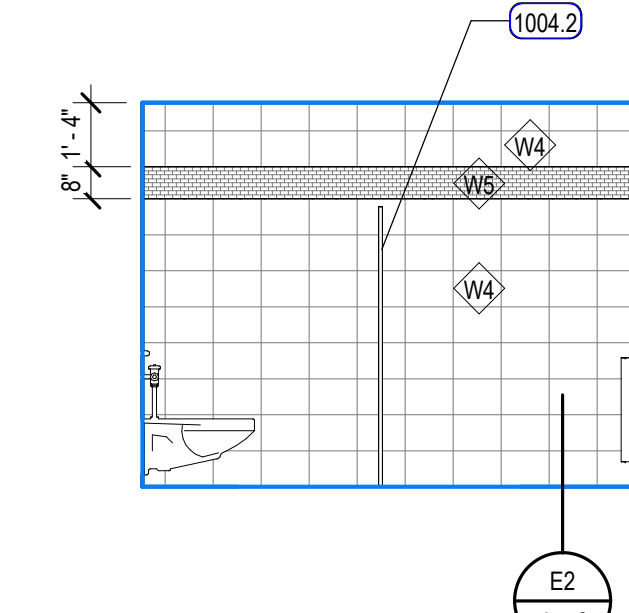
D5 WOMENS RESTROOM - RIGHT
SCALE: 1/4" = 1'-0"



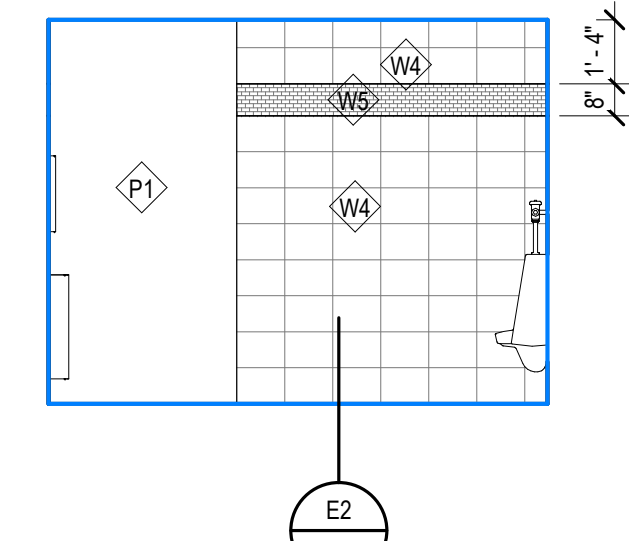
C2 MENS RESTROOM - BOTTOM
SCALE: 1/4" = 1'-0"



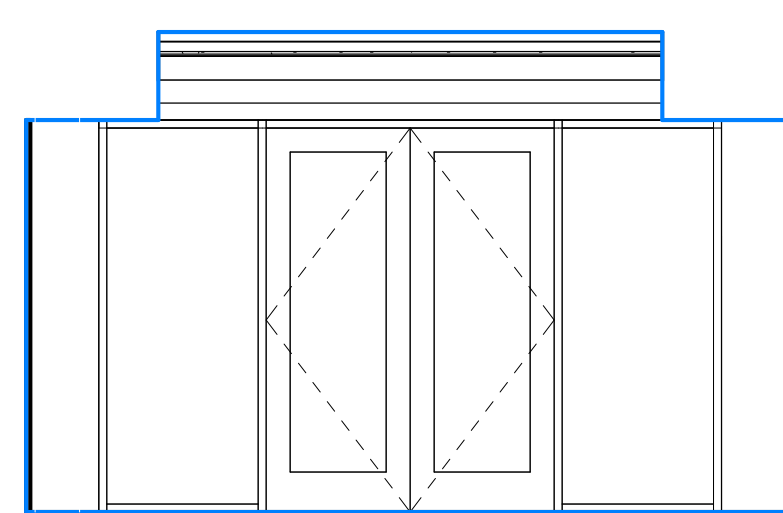
C3 MENS RESTROOM - TOP
SCALE: 1/4" = 1'-0"



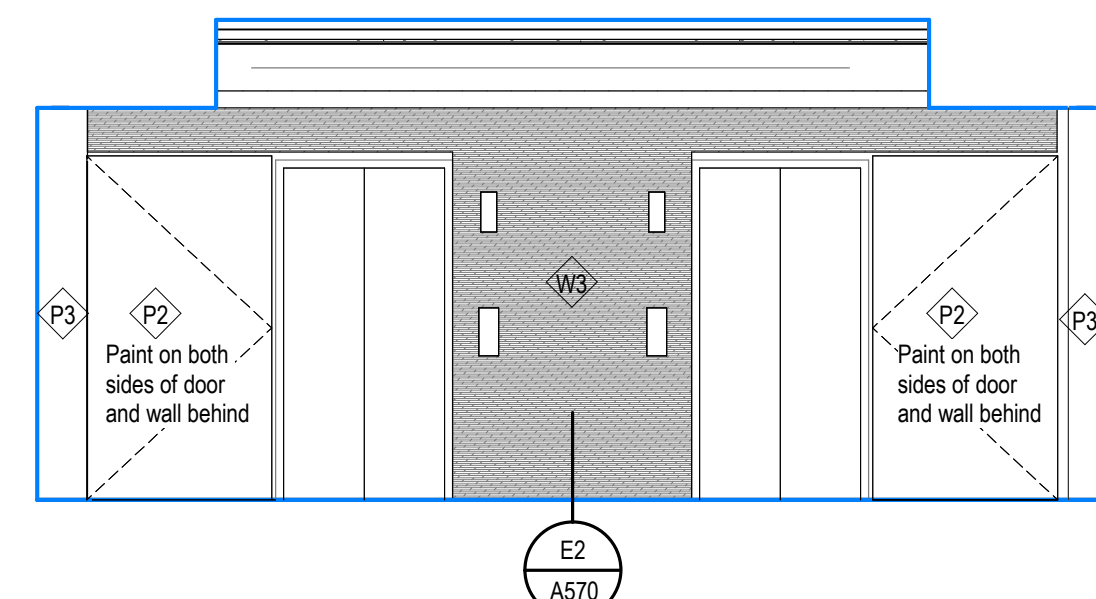
C4 MENS RESTROOM - RIGHT
SCALE: 1/4" = 1'-0"



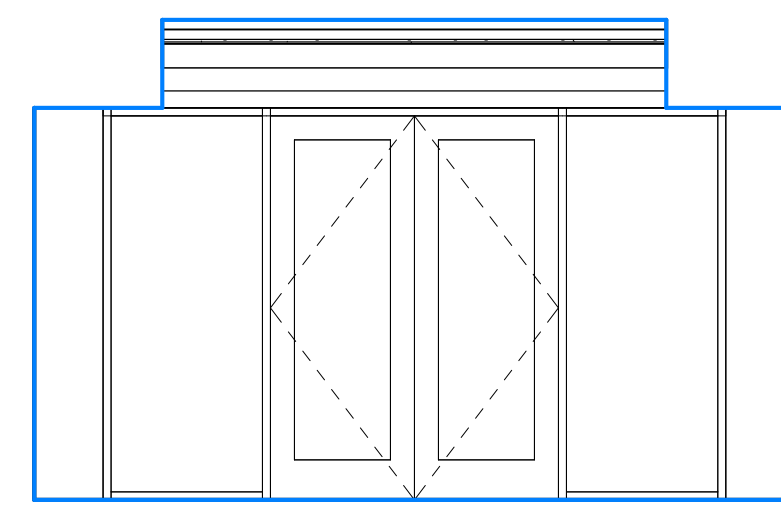
C5 MENS RESTROOM - LEFT
SCALE: 1/4" = 1'-0"



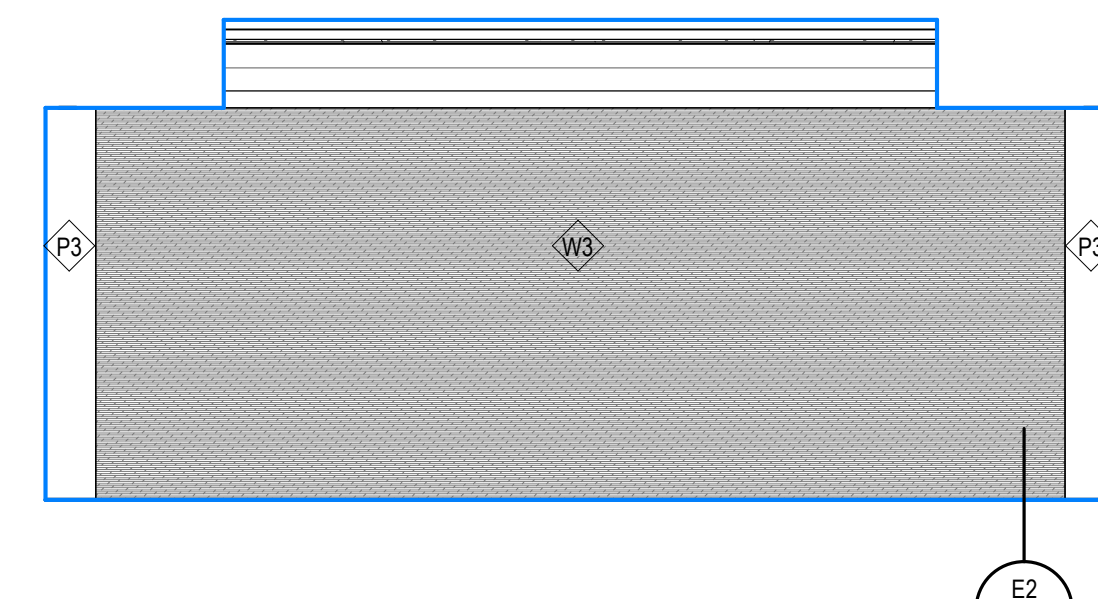
B2 ELEVATOR LOBBY - TOP
SCALE: 1/4" = 1'-0"



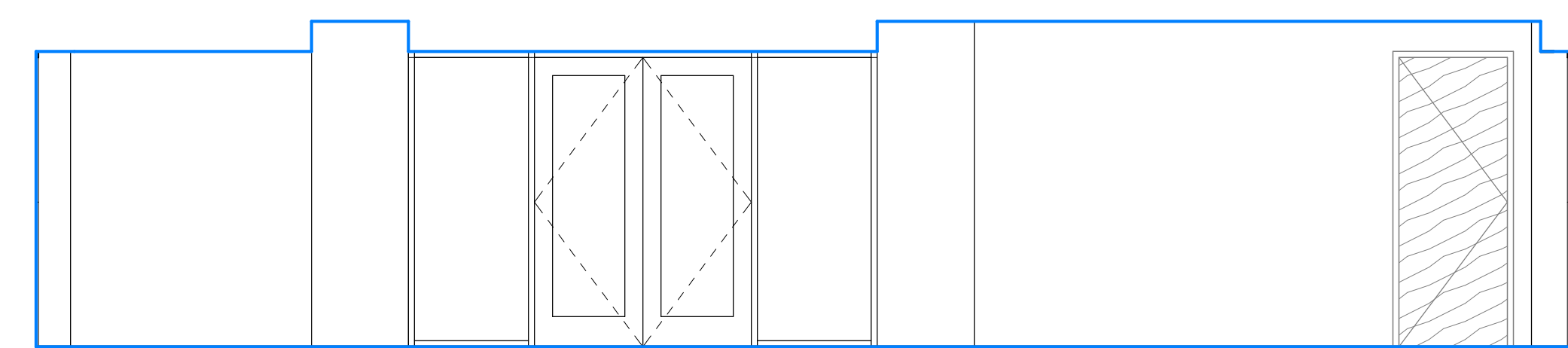
B3 ELEVATOR LOBBY - RIGHT
SCALE: 1/4" = 1'-0"



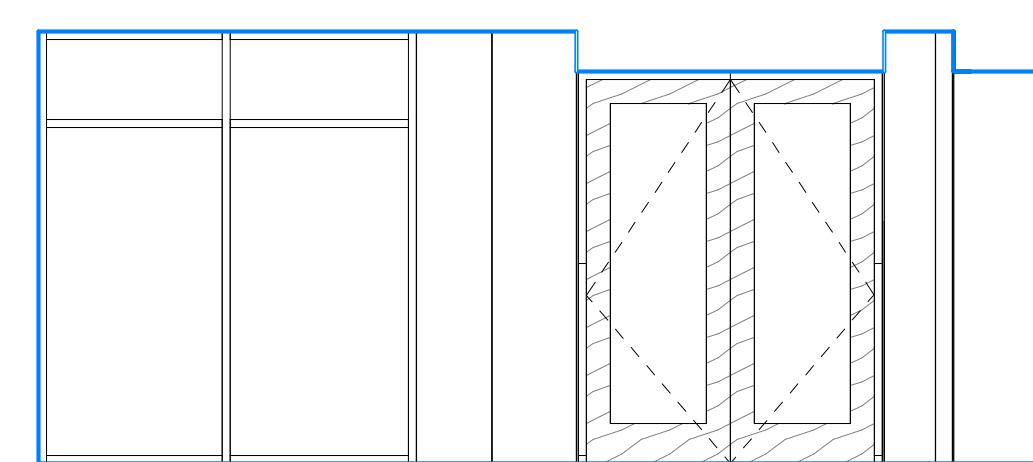
B4 ELEVATOR LOBBY - BOTTOM
SCALE: 1/4" = 1'-0"



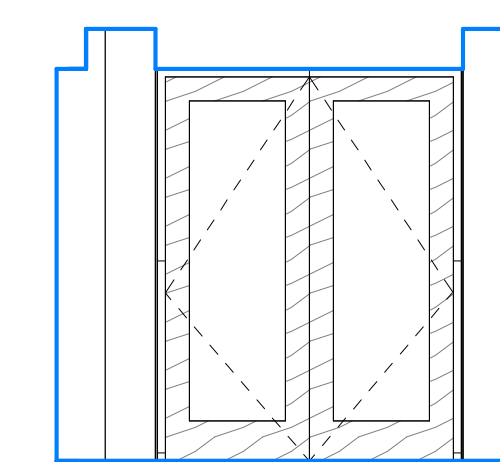
B5 ELEVATOR LOBBY - LEFT
SCALE: 1/4" = 1'-0"



A2 ENTRY LOBBY - 402 - BOTTOM
SCALE: 1/4" = 1'-0"

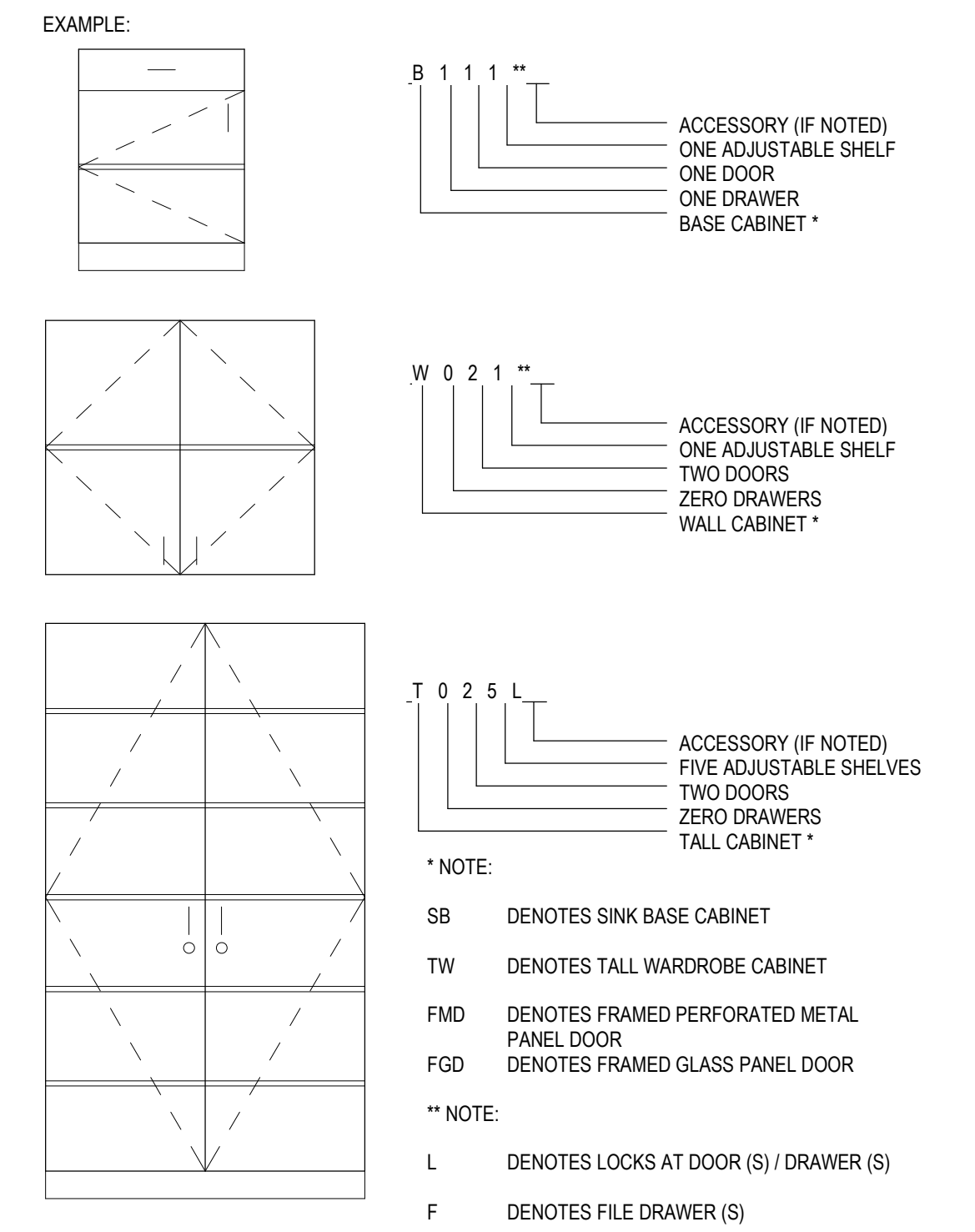


A4 ENTRY LOBBY - 402 - RIGHT
SCALE: 1/4" = 1'-0"



A5 ENTRY LOBBY - 402 - LEFT
SCALE: 1/4" = 1'-0"

ARCHITECTURAL MILLWORK KEY



CABINET MEASUREMENTS SHOWN ARE ACTUAL SIZES. BASE CABINET HEIGHTS ALLOW FOR A COUNTERTOP 1 1/2" THICK. CABINET DEPTHS ARE MEASURED FROM THE BACK TO THE FACE OF THE DOOR OR DRAWER FRONT (WHERE APPLICABLE).

ALL CABINET INTERIORS, WHETHER CONCEALED BEHIND DOORS OR OPEN, ARE STANDARD MELAMINE LAMINATE AS PER SPECIFICATIONS.

MILLWORK LEGEND

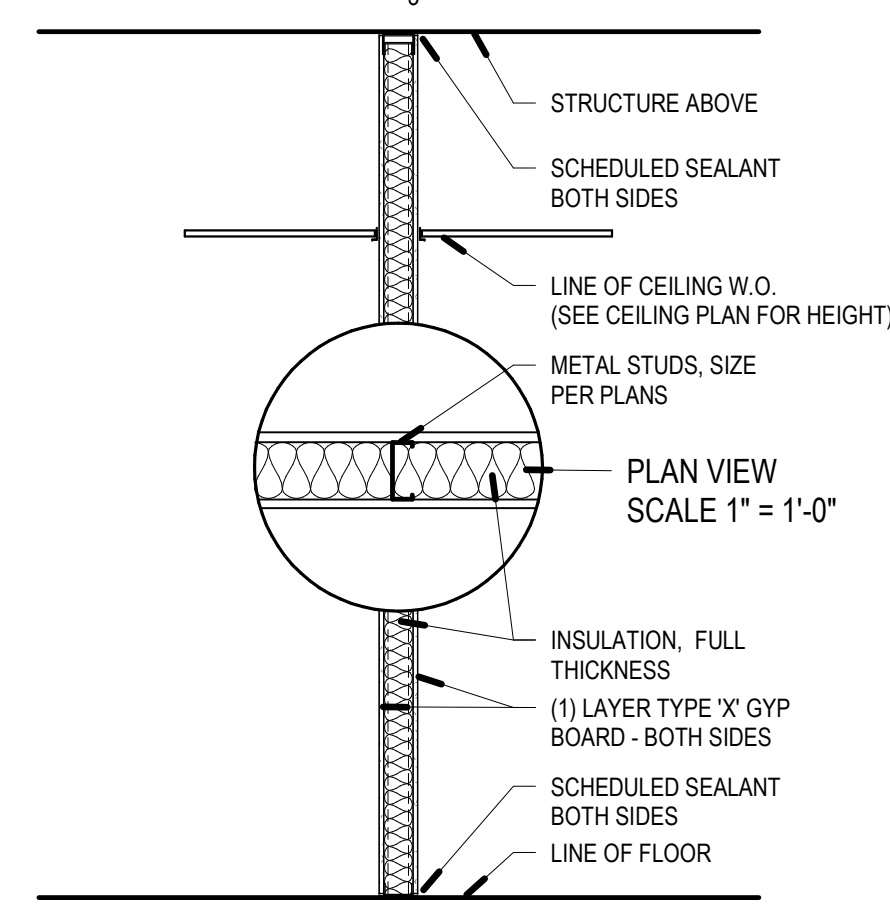
- MILLWORK DIMENSION NUMBERS ARE WIDTH X HEIGHT X DEPTH.
- ALL MILLWORK DIMENSIONED FROM BASE TO TOP OF IDENTIFIED COUNTERTOP, TYP.
- CABINET DEPTHS ARE MEASURED FROM THE WALL TO THE FACE OF THE DOOR OR DRAWER FRONT (WHERE APPLICABLE).
- PROVIDE BASE AT ALL CABINET TOE SPACE, UNLESS NOTED OTHERWISE.
- ALL COUNTERTOPS TO HAVE 4" BACKSPLASH, UNLESS NOTED OTHERWISE, TO MATCH COUNTERTOP, ON BACK AND SIDE WALLS.
- PROVIDE FILLER PANELS TO SEAL SIDES AND TOPS OF ALL CABINETS PLACED AT AN ANGLE TO ADJACENT WALL(S).
- ALL MILLWORK TO FINISHED ON ENDS, TYP.
- CONTRACTOR TO PROVIDE BLOCKING BEHIND ALL CABINETS, COAT RACKS, PENCIL SHARPENER BLOCKS, T.V. BRACKETS AND PROJECTION SCREENS AS WELL AS ALL WALL MOUNTED ACCESSORIES, INCLUDING WHITE BOARDS, TACKBOARDS, TOILET AND URINAL PARTITIONS AND TOILET ROOM ACCESSORIES, ETC. - NOTE: ONLY 2X WOOD BLOCKING IS ACCEPTABLE BEHIND MILLWORK AND TOILET ROOM PARTITIONS.
- REFER TO SHEET A400 FOR FINISH COLORS ON ALL MILLWORK AND CASEWORK.

TYPICAL MILLWORK DETAILS

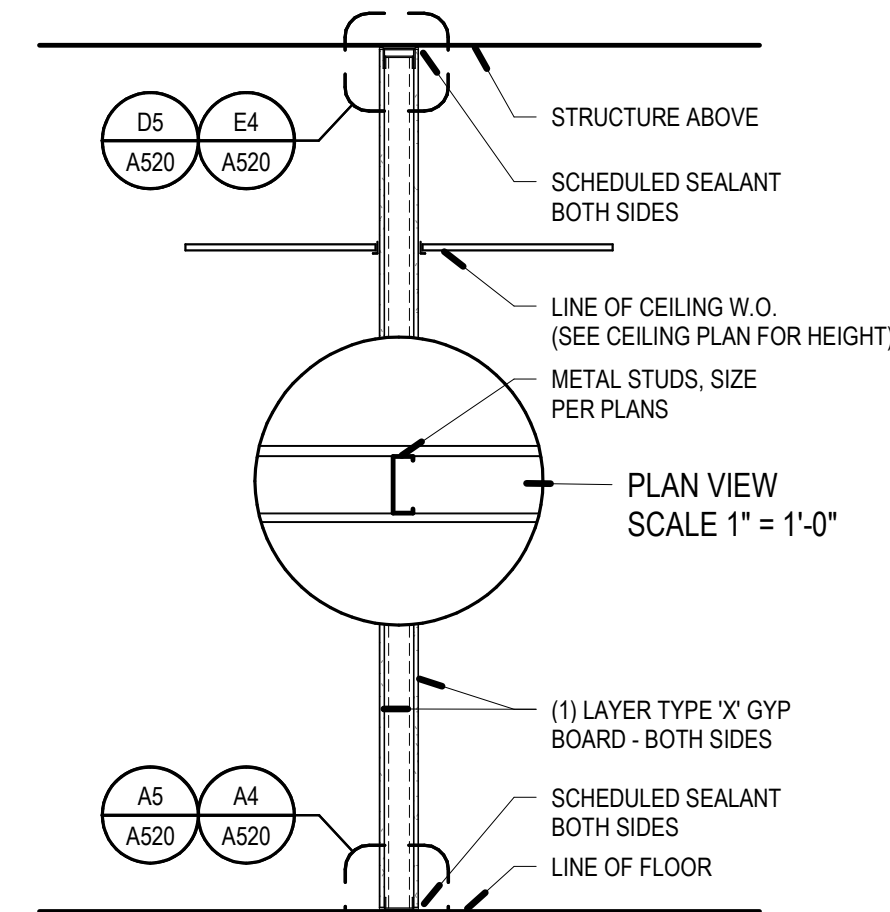
- TYPICAL MILLWORK ANCHORING DETAILS, PER DETAIL E5/A570
- TYPICAL COUNTERTOP EDGE, PER DETAIL E3/A570
- TYPICAL RESTROOM COUNTERTOP, PER DETAIL B4/A570
- TYPICAL BASE CABINET WITH DOOR(S), PER DETAIL A5/A570
- TYPICAL BASE CABINET WITH DRAWER(S), PER DETAIL A3/A570
- TYPICAL BASE CABINET WITH DOOR(S) AND DRAWER, PER DTL A4/A570
- TYPICAL CABINET CORNER DETAIL, PER DETAIL E4/A570
- TYPICAL UPPER CABINET WITH DOORS, PER DETAIL C2/A570
- TYPICAL SINK BASE CABINET, PER DETAIL B3/A570
- TYPICAL TALL CABINET WITH DOOR(S), PER DETAIL A1/A570
- TYPICAL TALL MICROWAVE CABINET, PER DETAIL B5/A570
- TYPICAL WALL MOUNT COUNTERTOP, PER DETAIL D5/A570
- TYPICAL COUNTERTOP WITH UNDER COUNTER REFRIGERATOR, PER DETAIL A6/A570
- TYPICAL FULL HEIGHT ADJUSTABLE SHELF, PER DETAIL D1/A570

KEYED NOTES

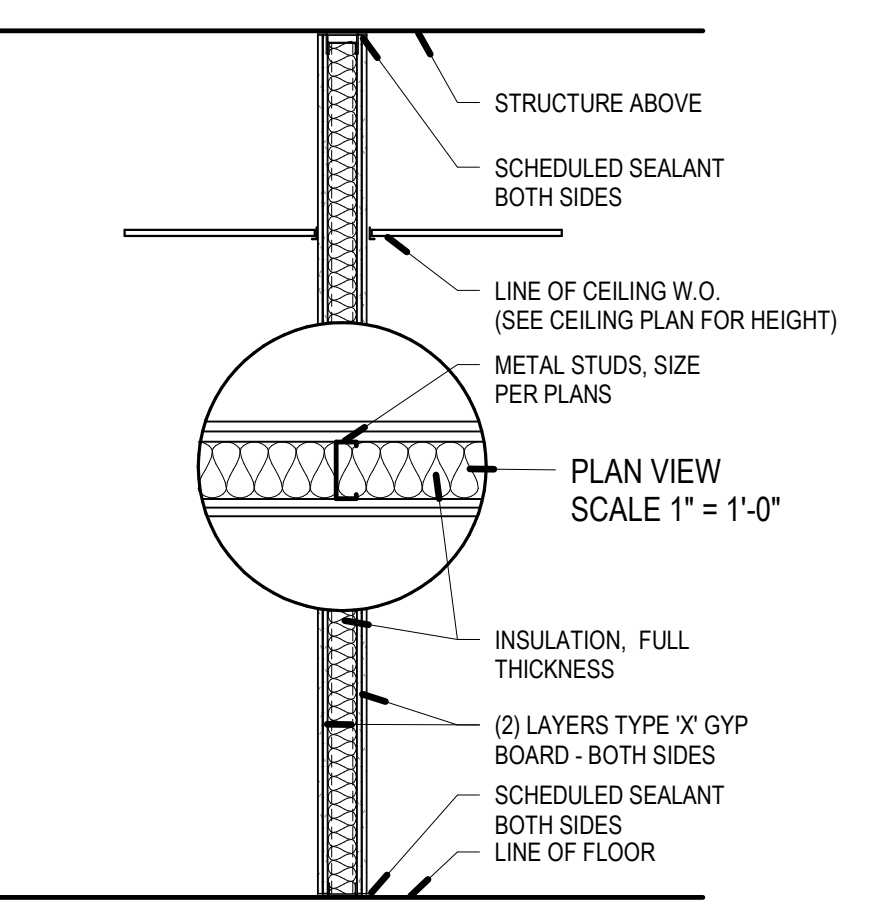
809.0	WALL MIRROR, FRAMELESS
922.0	QUARTZ COUNTERTOP
1004.2	TOILET PARTITION
1004.3	URINAL SCREEN PARTITION
1005.0	GRAB BAR
1006.1	DISPENSER, SOAP, NIC
1022.0	RECESSED COMBO PAPER TOWEL DISPENSER AND WASTE
2200.0	SINK + FAUCET
2206.0	TOILET, WALL MOUNT
2206.2	TOILET, ADA COMFORT HEIGHT
2207.0	URINAL
2222.0	URINAL, ADA



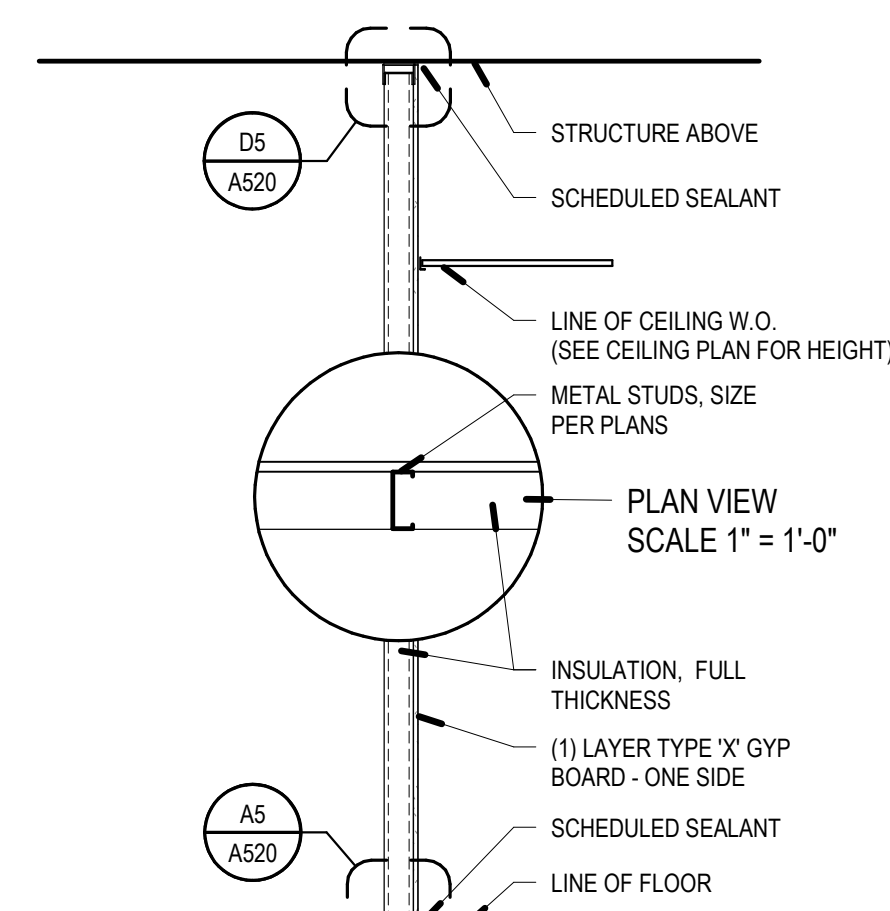
E3 9Ax AND 9Ax-1 - METAL STUD - BATT INSUL
SCALE: NOT TO SCALE



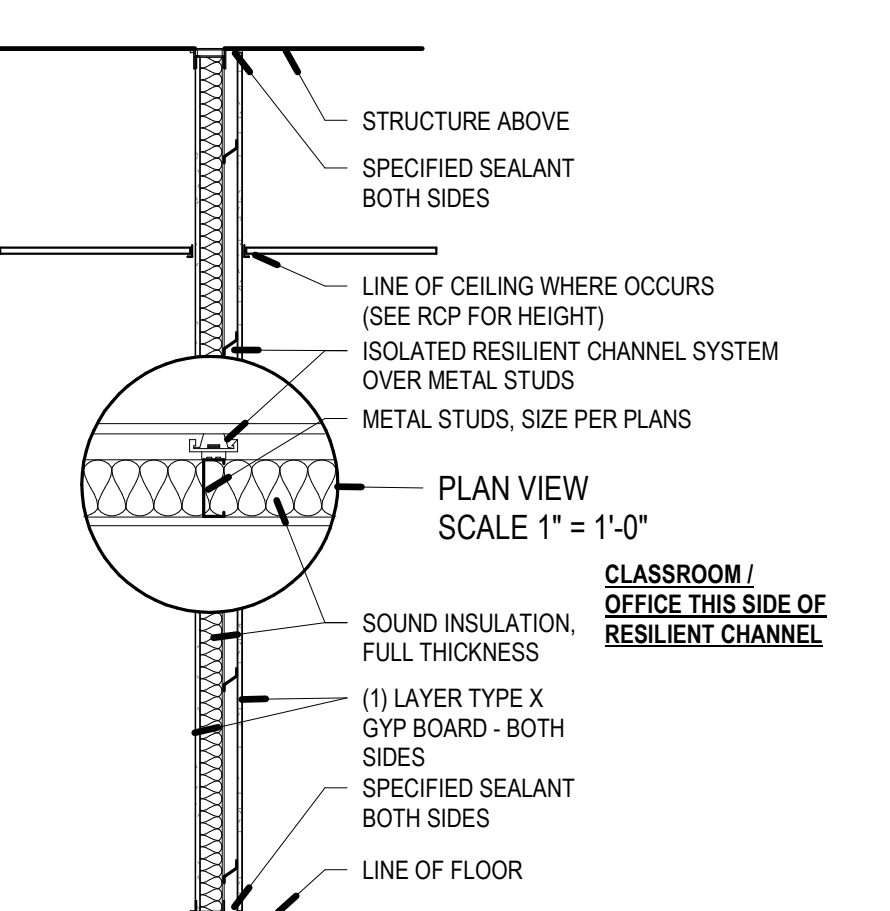
D3 PARTITION - 9Bx AND 9Bx-1
SCALE: NOT TO SCALE



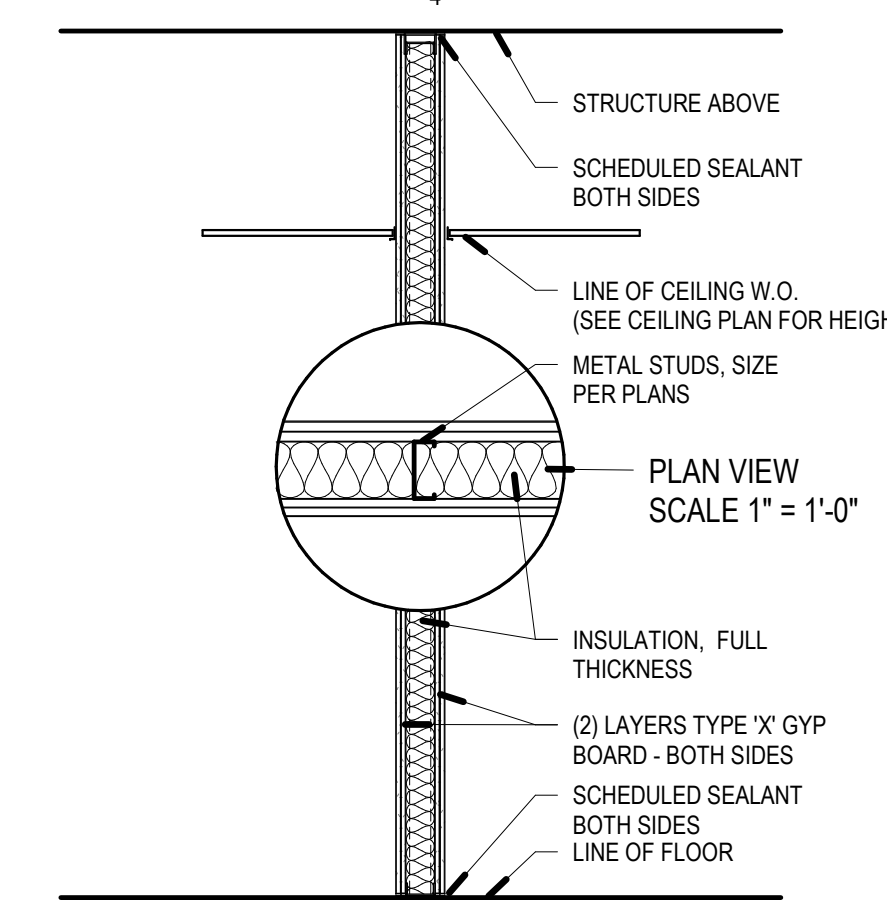
C3 PARTITION - 9Cx
SCALE: NOT TO SCALE



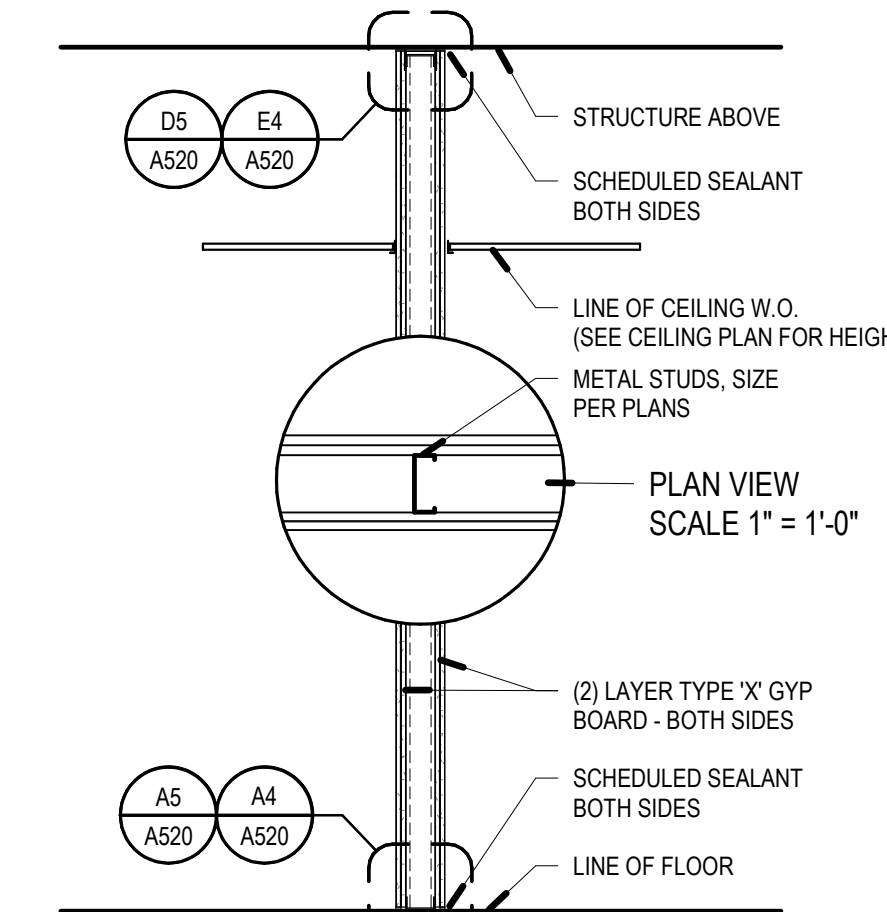
B3 PARTITION - 9Dx
SCALE: NOT TO SCALE



A3 PARTITION - 9Fx
SCALE: 1/2" = 1'-0"



E4 PARTITION - 9Ax-2
SCALE: NOT TO SCALE

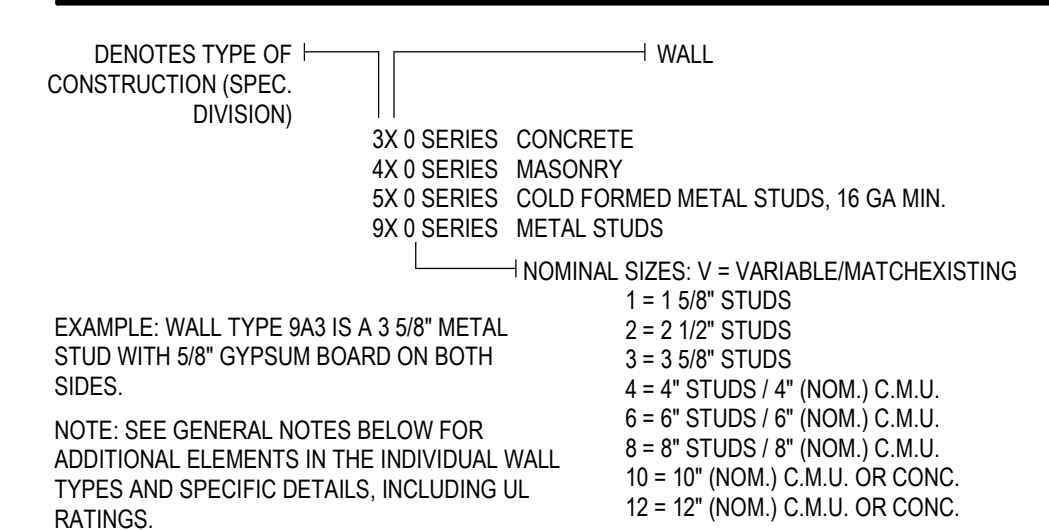


D4 PARTITION - 9Bx-2
SCALE: NOT TO SCALE

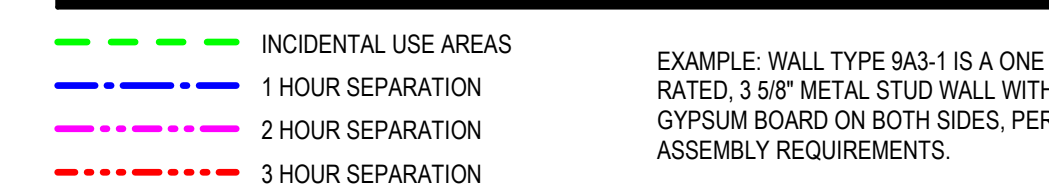


B4 PARTITION - 9Ex
SCALE: 1/2" = 1'-0"

KEY FOR PARTITION TYPES



RATED WALL LEGEND



NON-BEARING METAL HEADER SCHEDULE

MAXIMUM SPAN	HEADER	FY
4'-0"	(2) 400S137-43	33 ksi
6'-0"	(2) 600S162-43	33 ksi
8'-0"	(2) 800S162-43	33 ksi

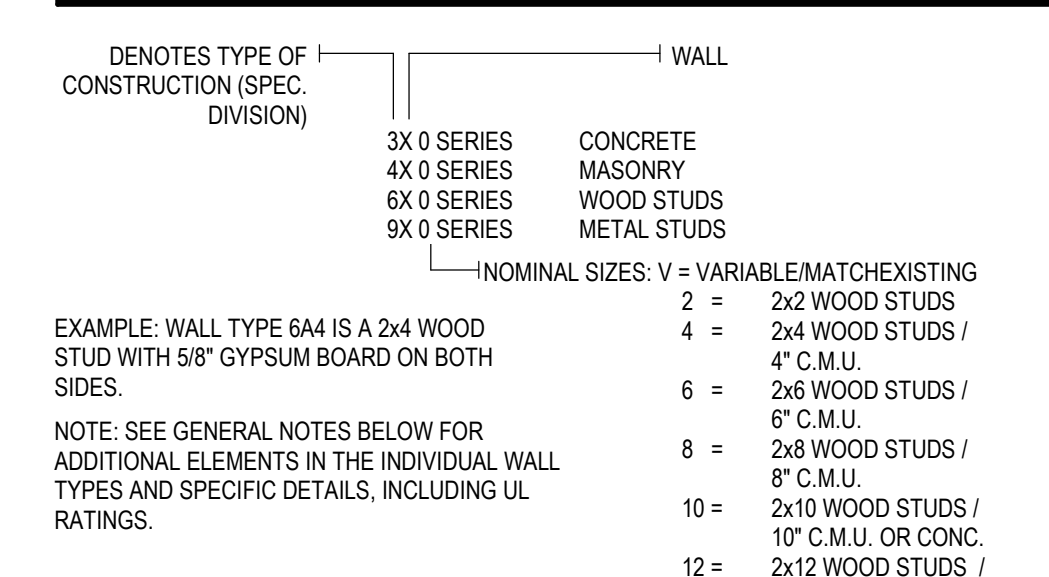
- METAL STUD HEADER NOTES:
- SCHEDULE TO BE USED FOR NON-BEARING WALLS.
 - HEADERS TO BE CONSTRUCTED AS BOX HEADERS PER SSMA STANDARDS.
 - SEE TYPICAL DETAIL FOR MORE INFORMATION.

NON-BEARING METAL STUD GAUGE SIZING

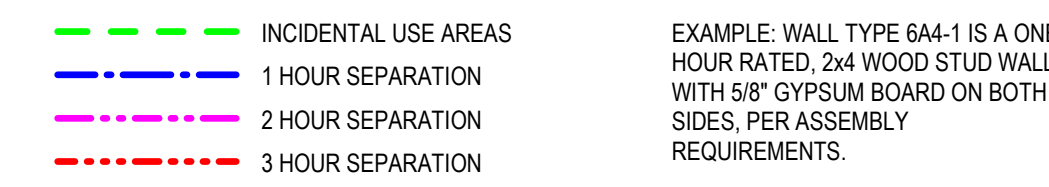
MEMBER DEPTH	MAX STUD HEIGHT	MIN. GA. & SPACING
2 1/2" (250S125-33)	10'-0"	20@16" O.C.
3 5/8" (362S125-33)	14'-0"	20@16" O.C.
3 5/8" (362S162-33)	16'-0"	20@16" O.C.
3 5/8" (362S162-43)	18'-0"	18@16" O.C.
6" (600S162-33)	24'-0"	20@16" O.C.
6" (600S162-43)	26'-0"	18@16" O.C.
6" (600S162-54-50K3)	28'-0"	16@16" O.C.

- METAL STUD NOTES:
- STEEL STUDS SHALL MEET ICC REPORT ESR-484P AND THE SSMA STANDARDS. HEIGHT BASED ON SSMA 2001 CATALOGS AND PROJECT REQUIREMENTS.
 - SEE SCHEDULE FOR STUD SPACING AND GAUGE. ALL STUDS AND BRACES SHALL BE 33 KSI UNLESS NOTED OTHERWISE IN THESE DRAWINGS.
 - AT ALL DOORS PROVIDE TWO TABBED 18 GAUGE STUDS AT BOTH SIDES OF JAMB.

KEY FOR PARTITION TYPES



RATED WALL LEGEND



PARTITION + FRAMING GENERAL NOTES

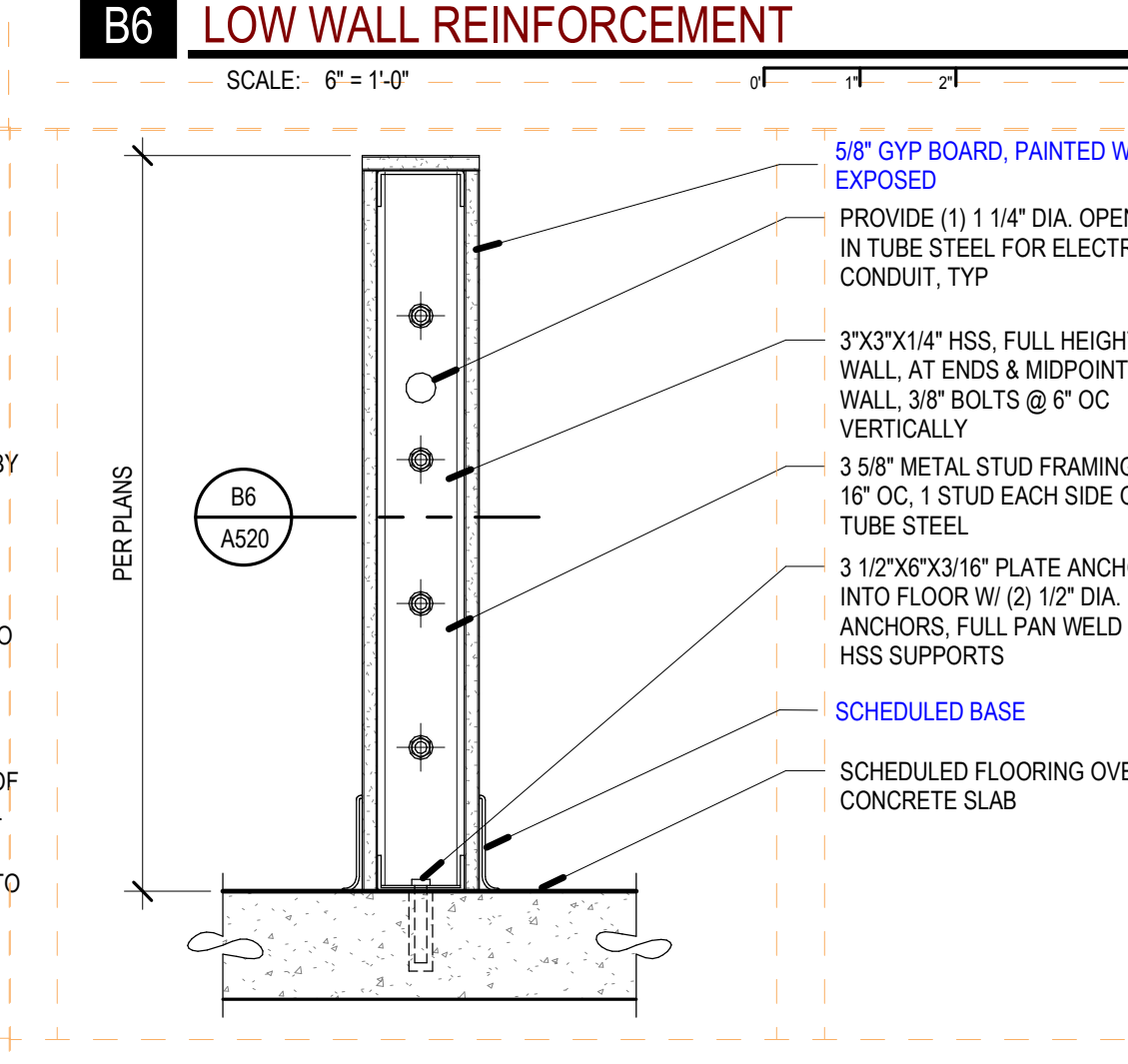
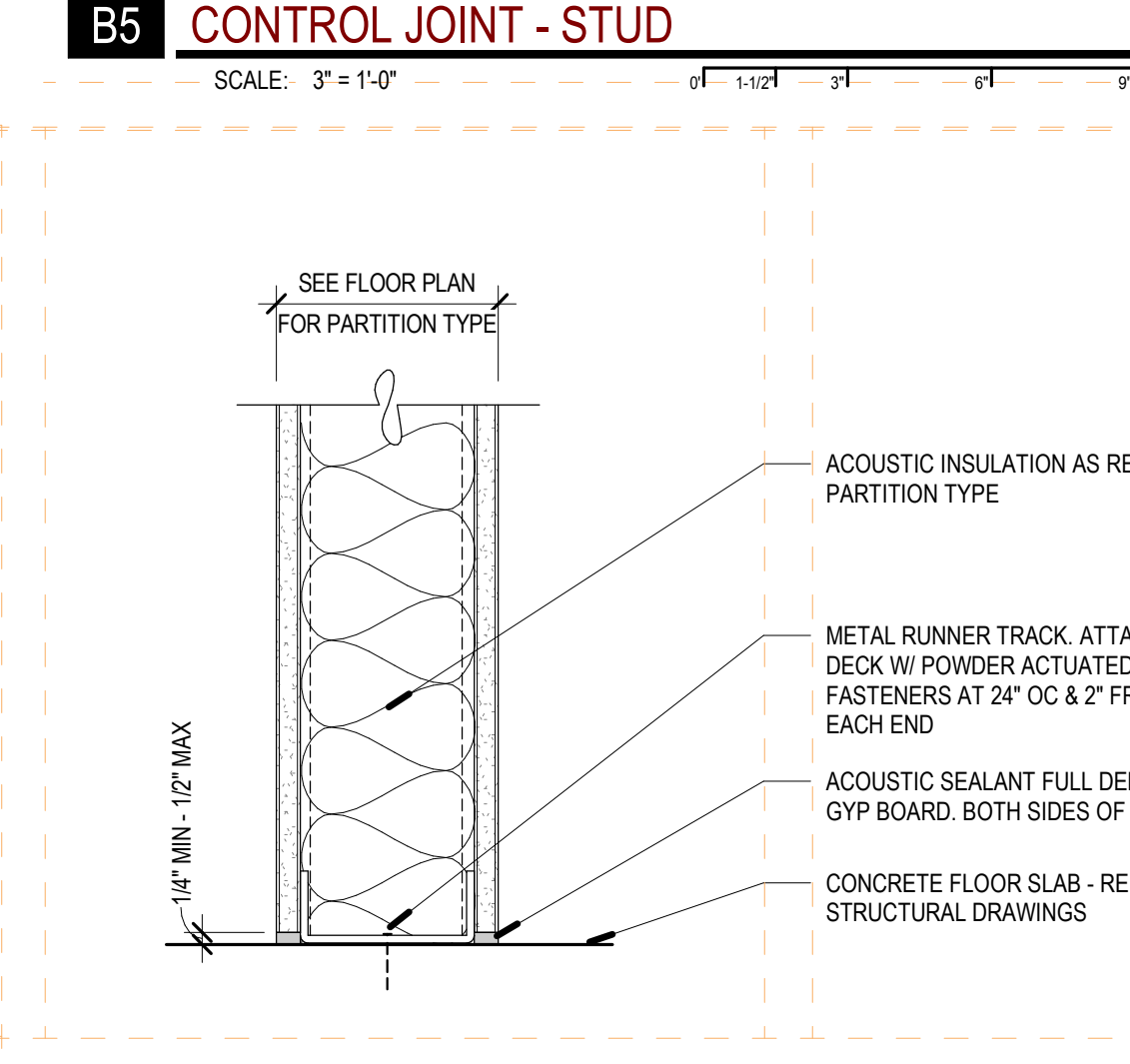
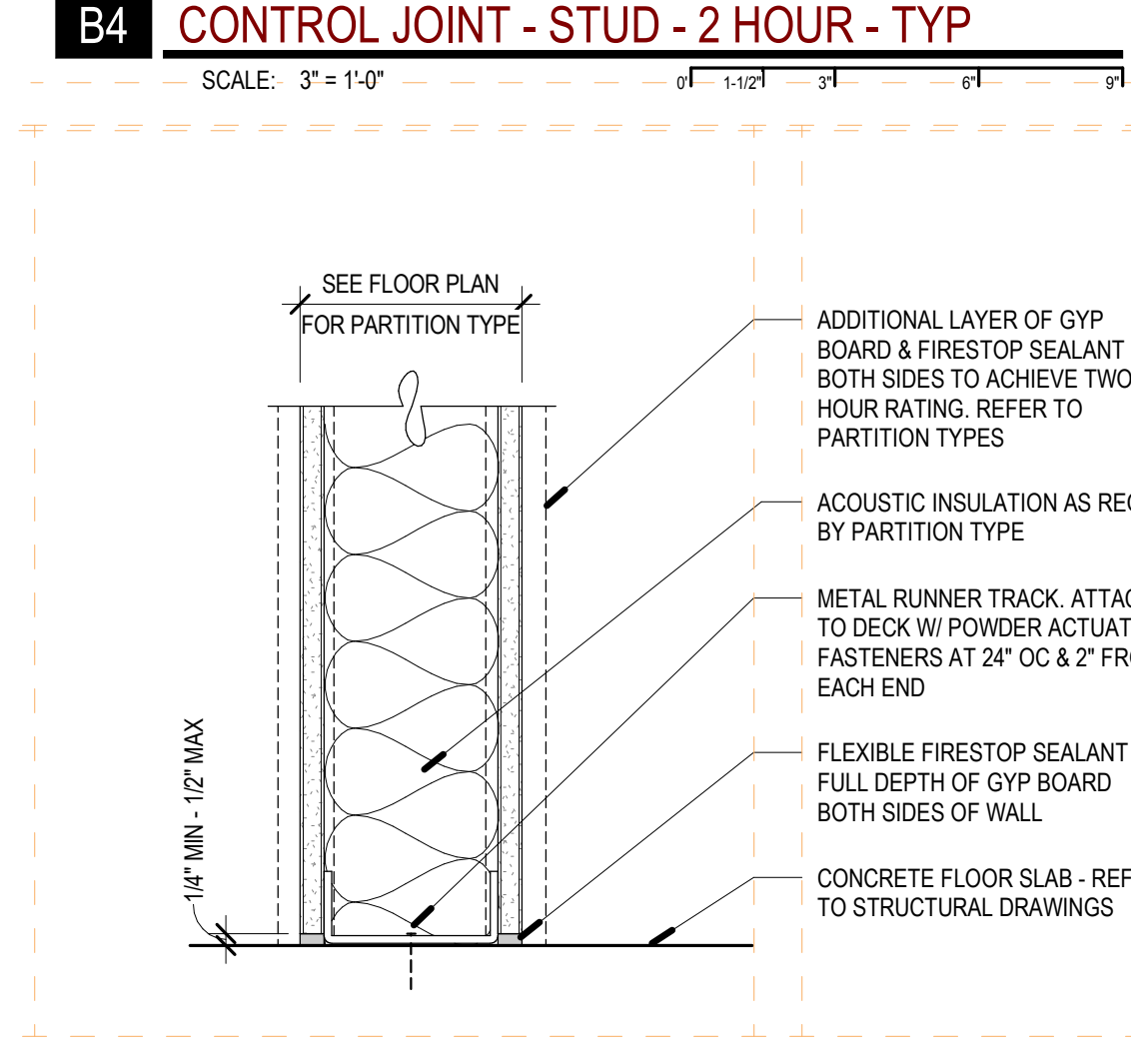
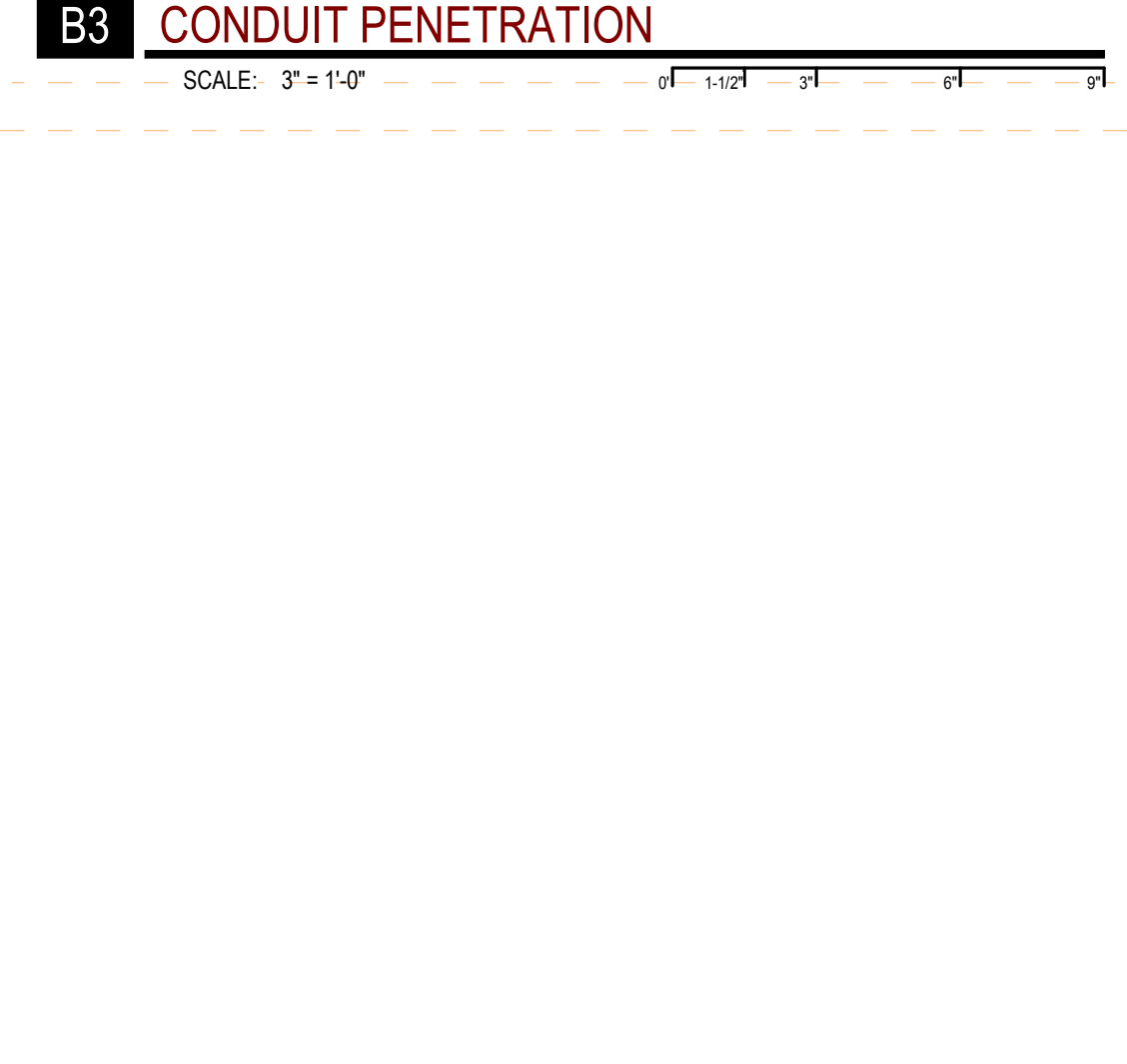
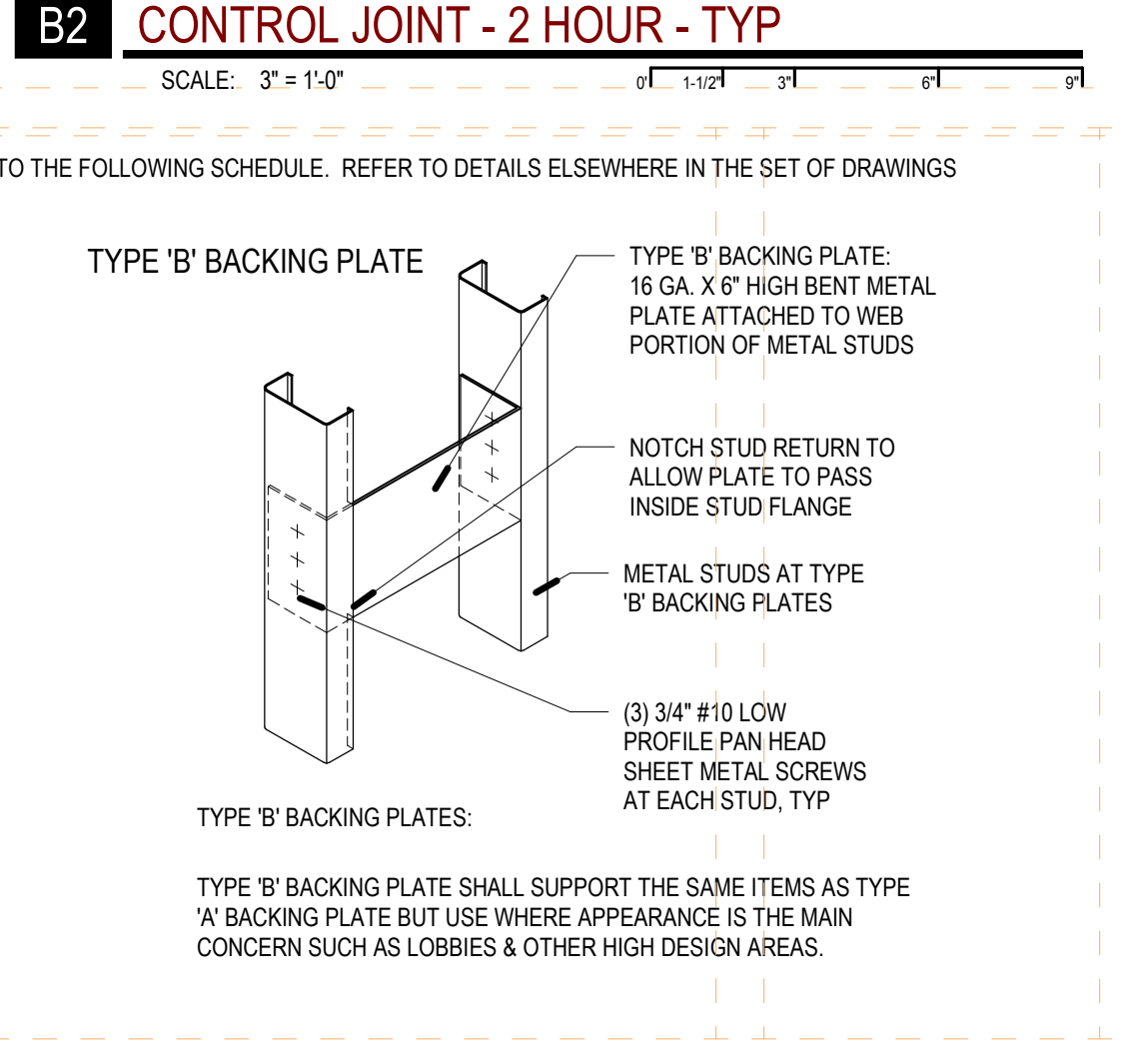
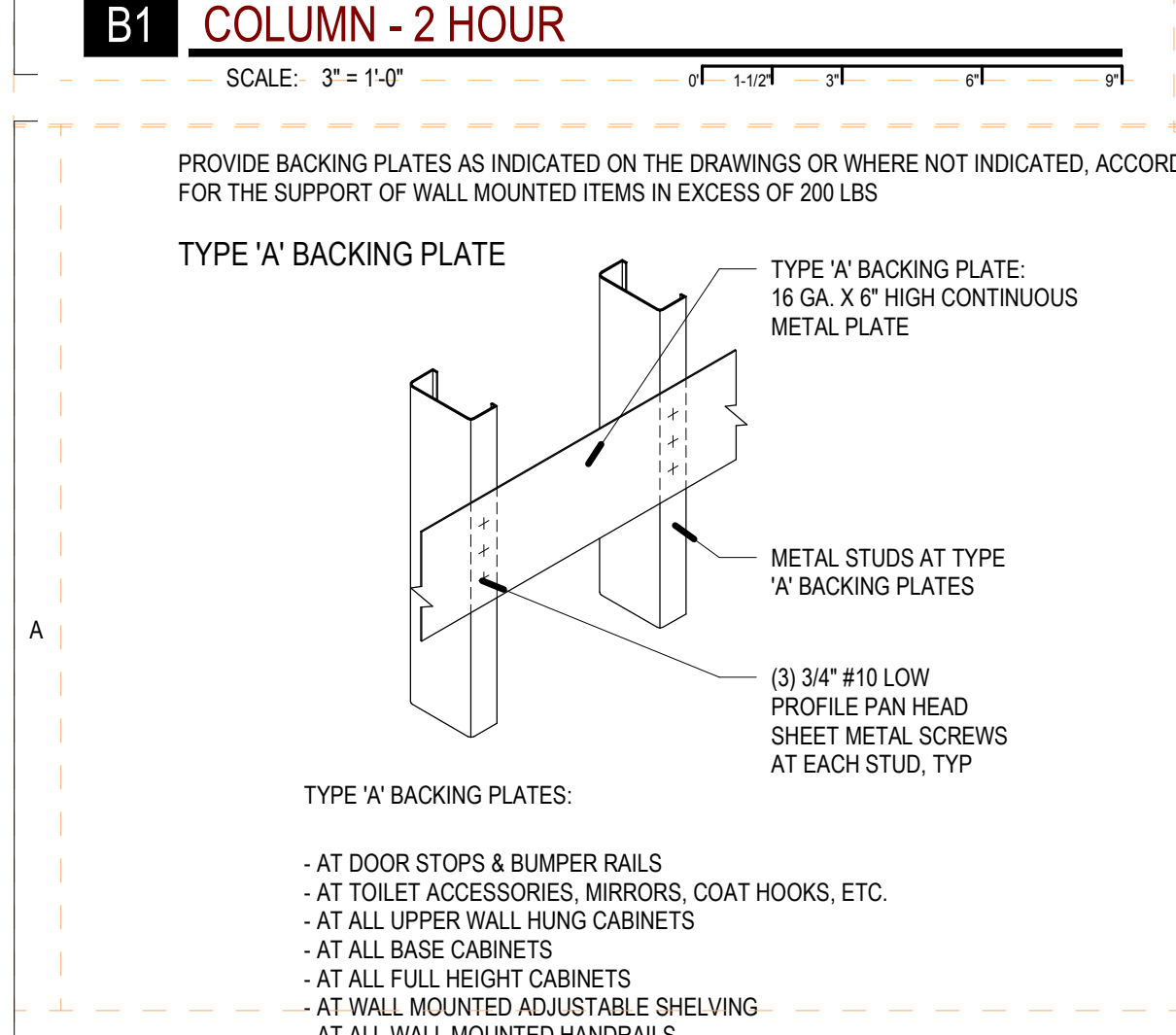
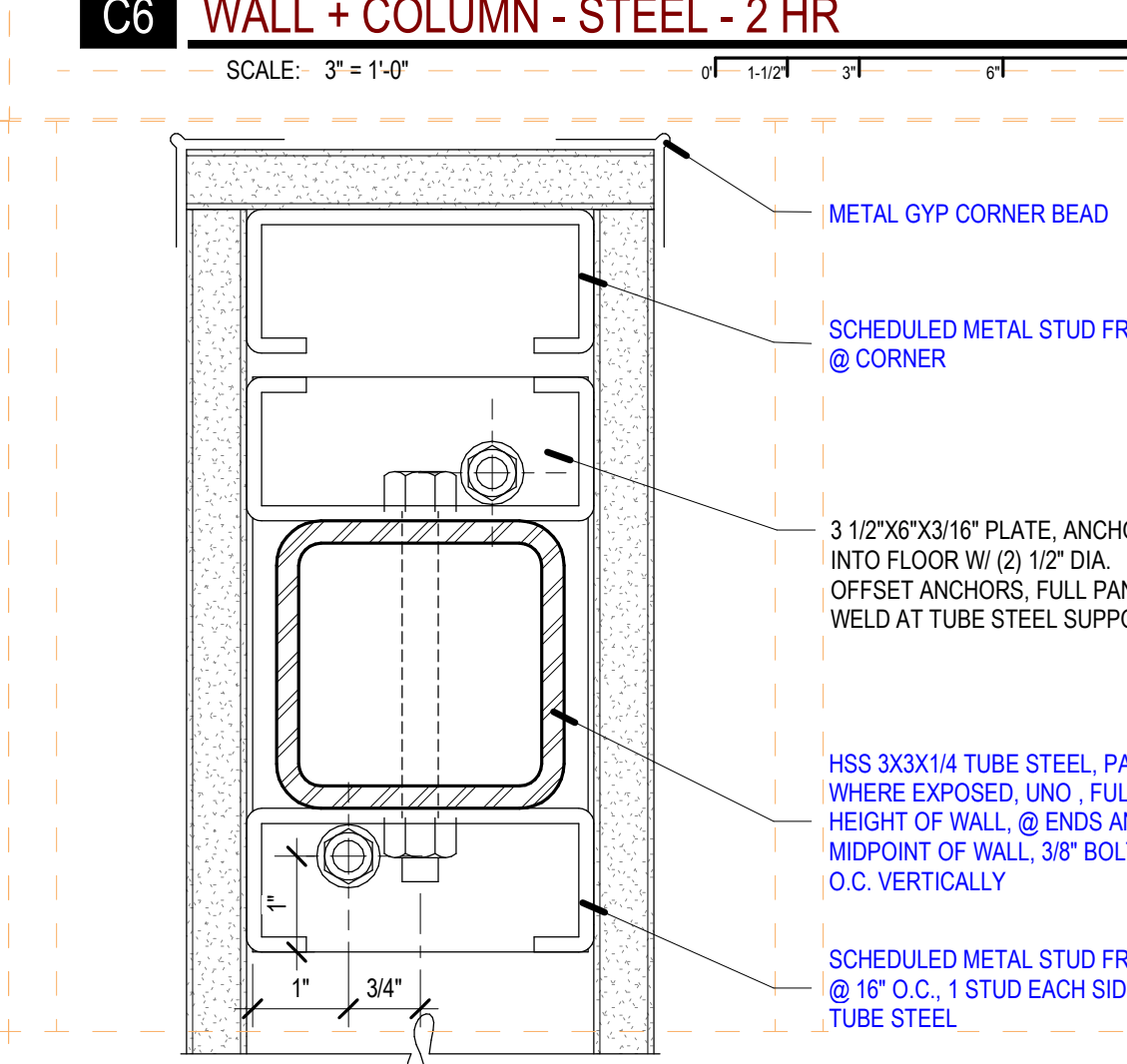
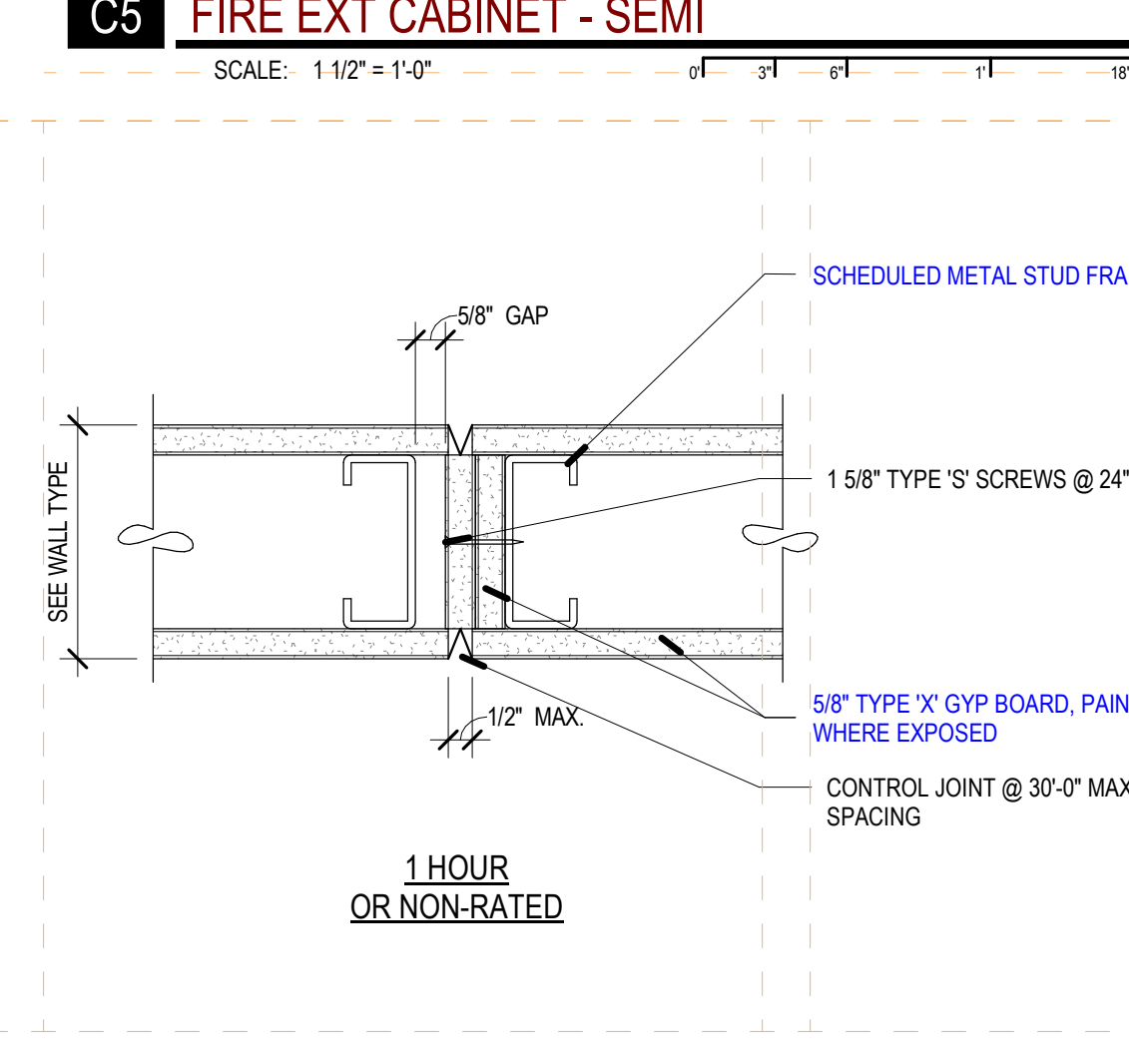
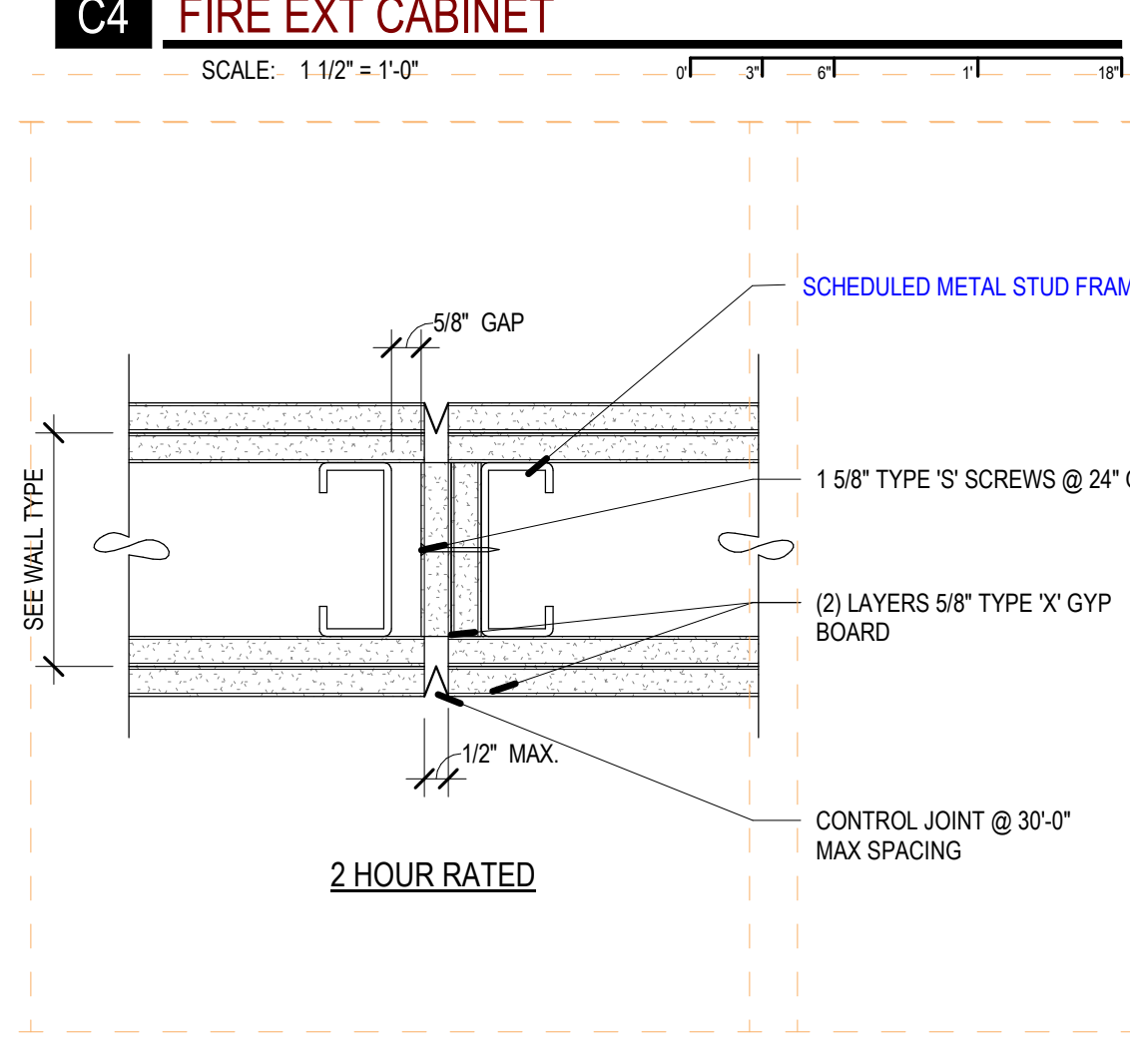
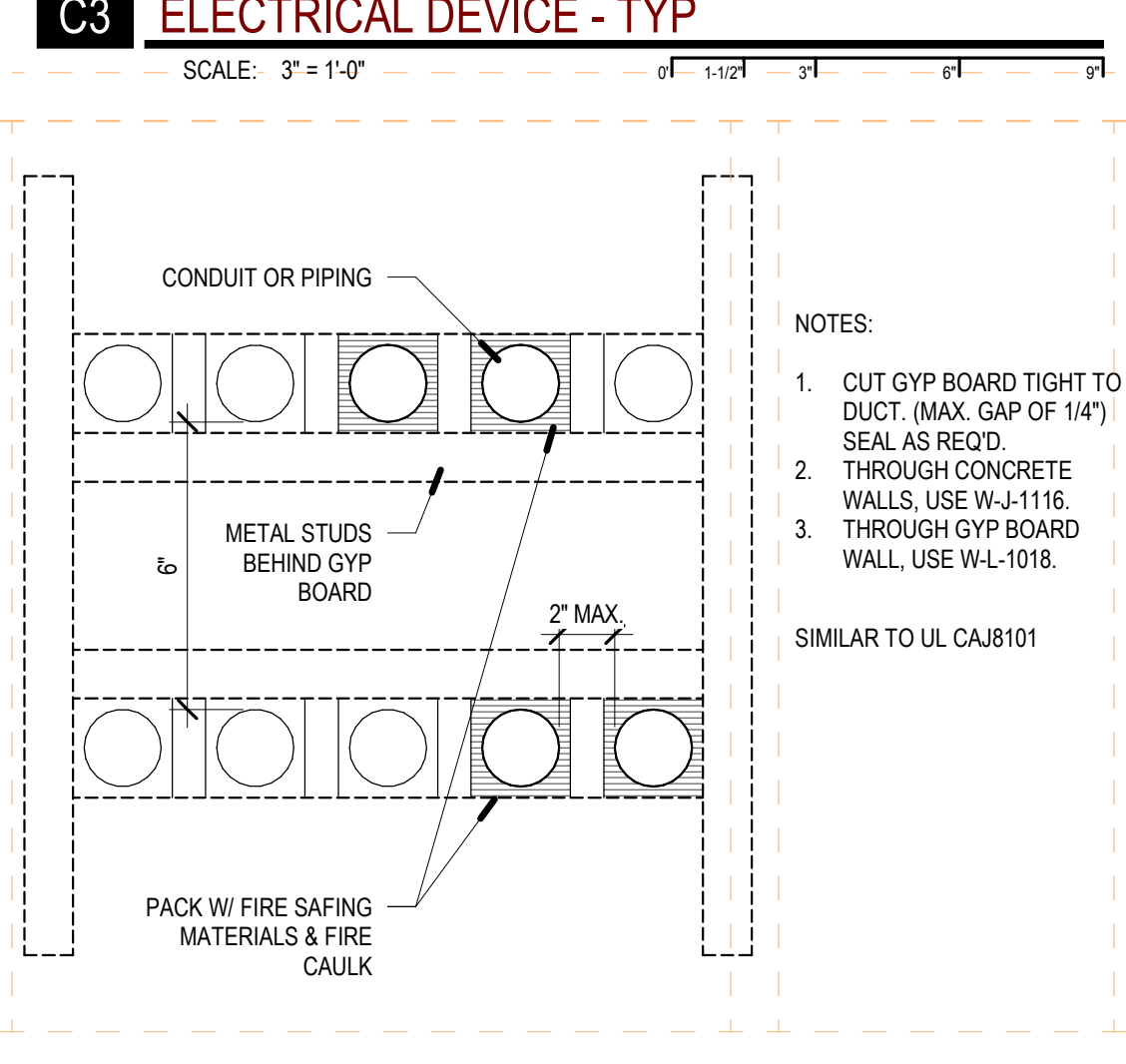
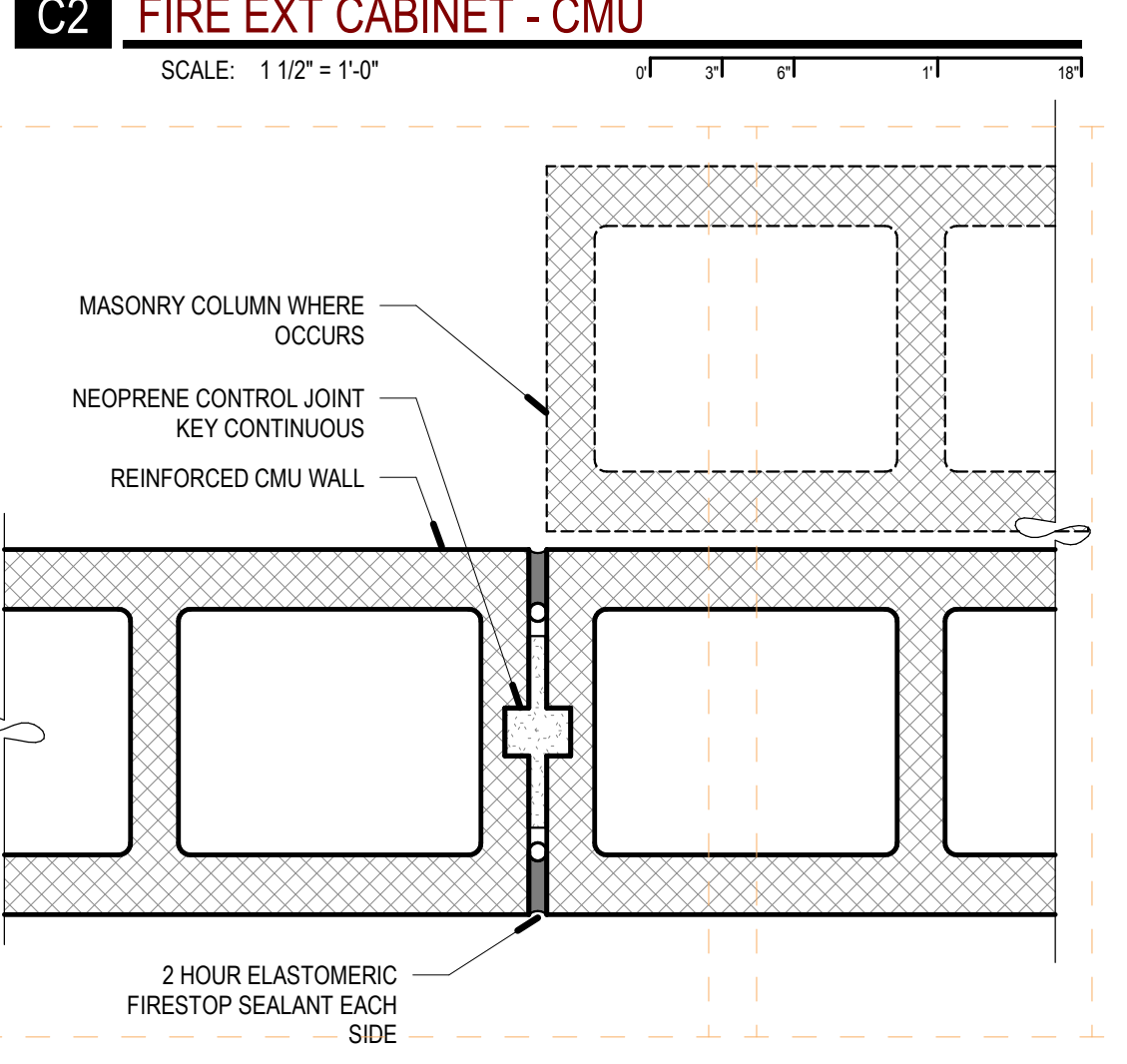
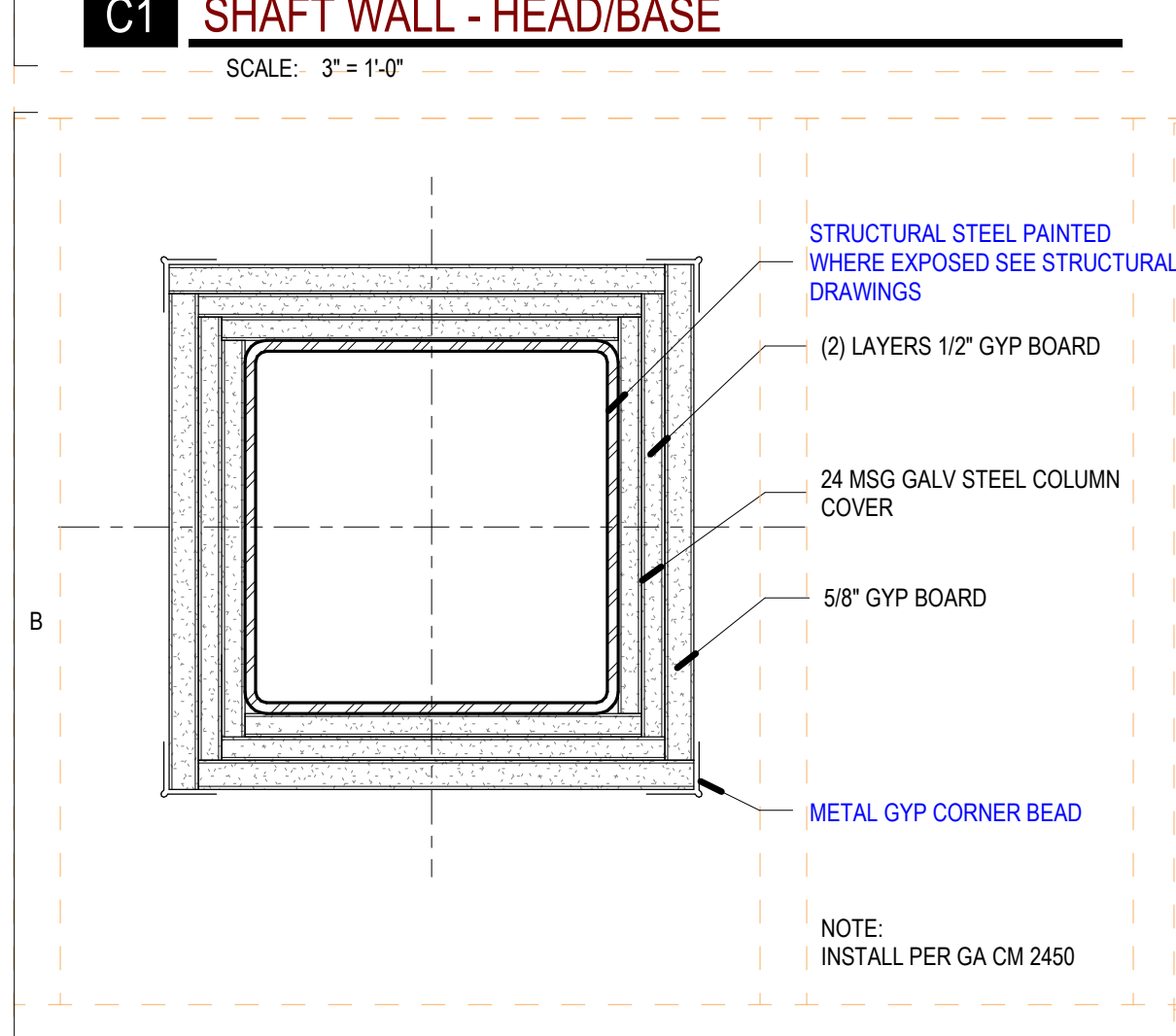
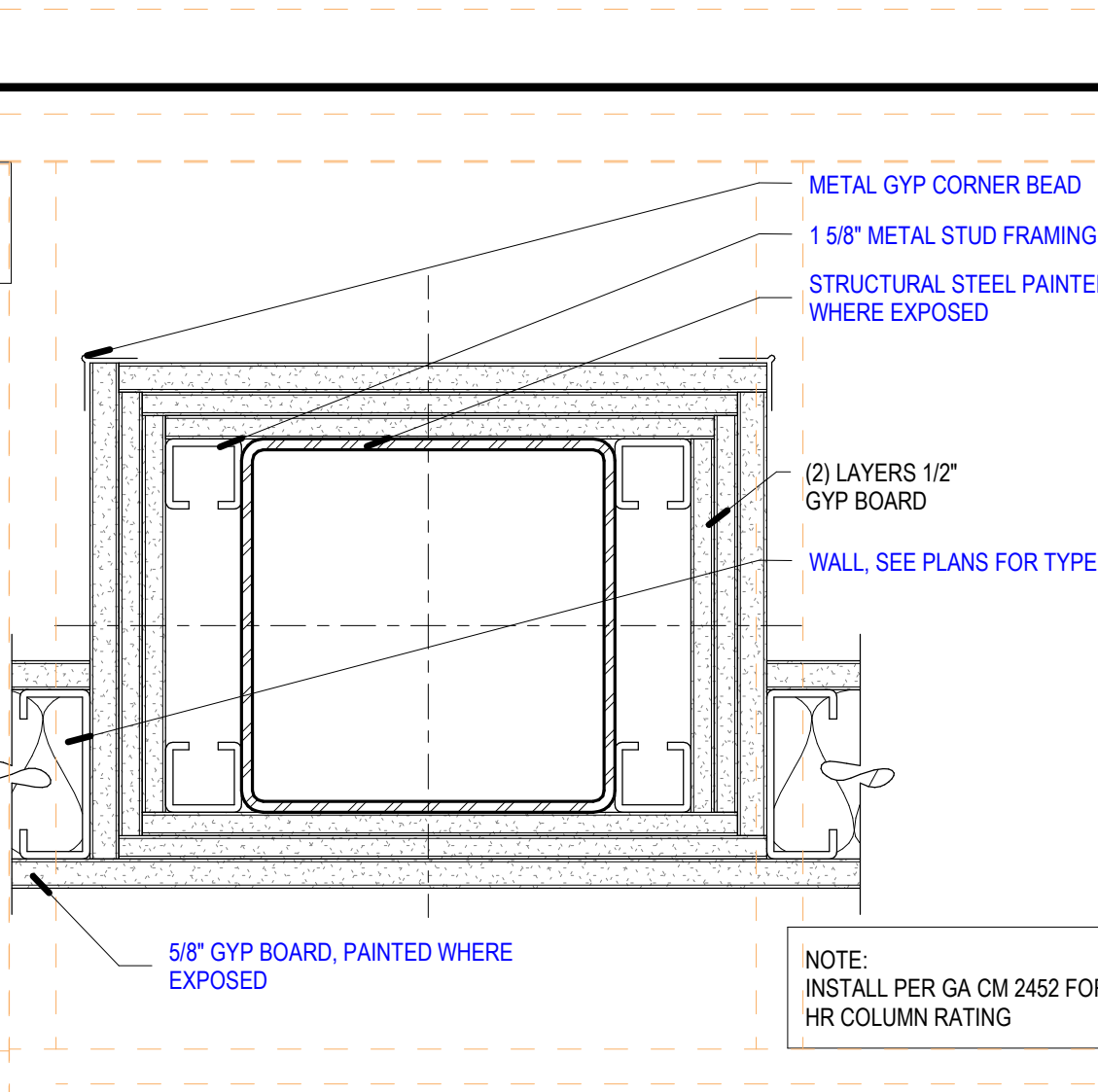
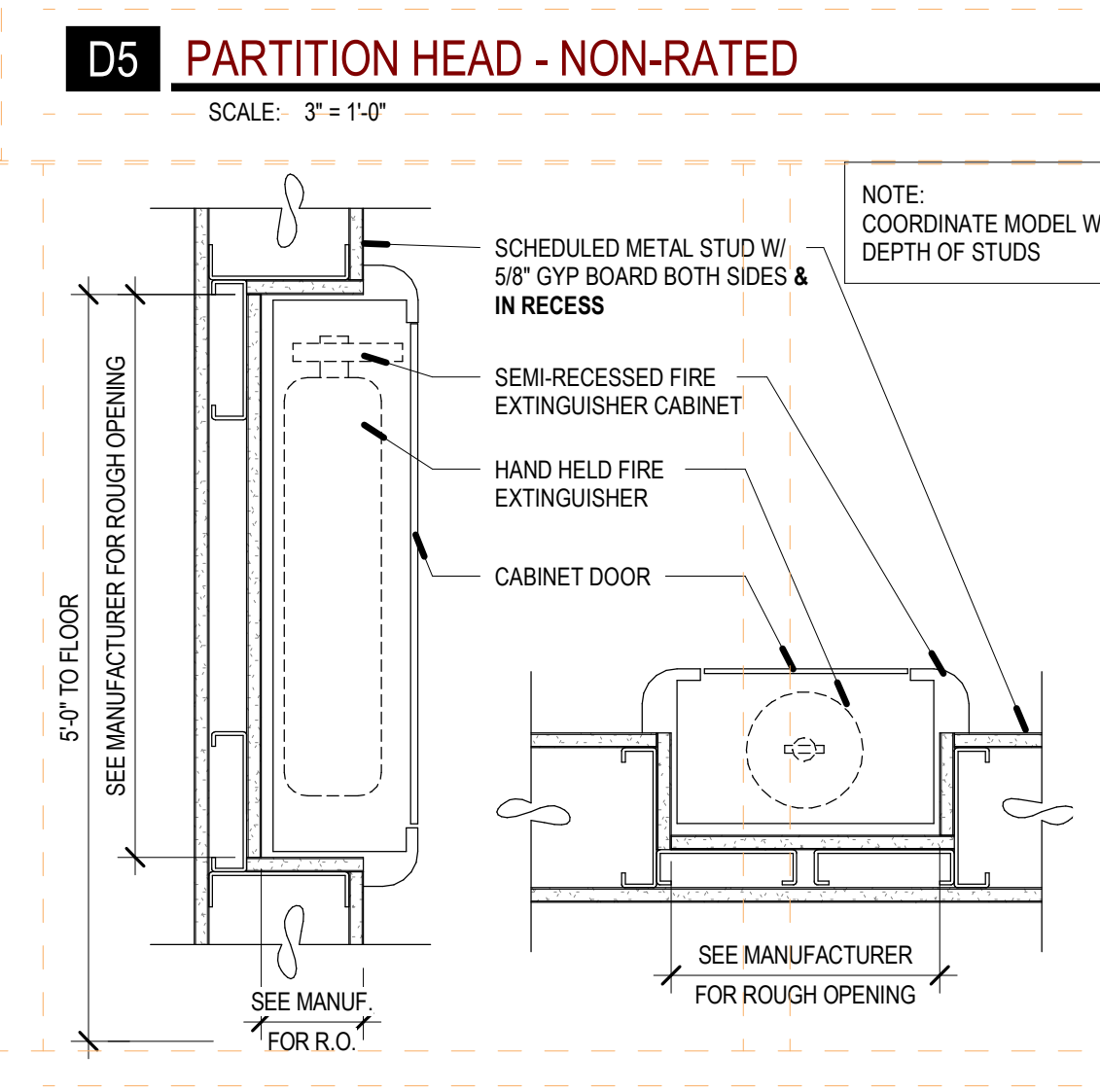
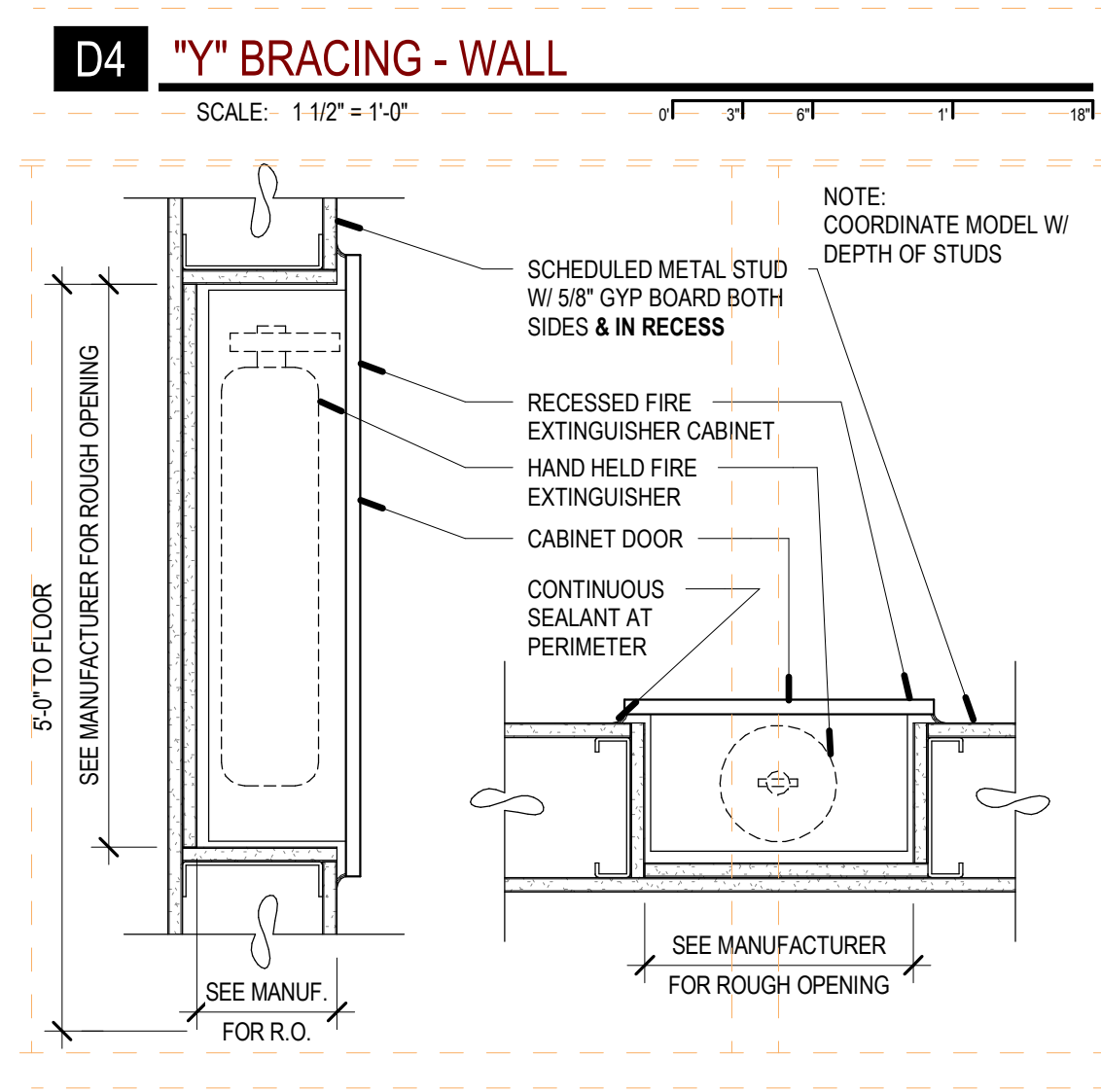
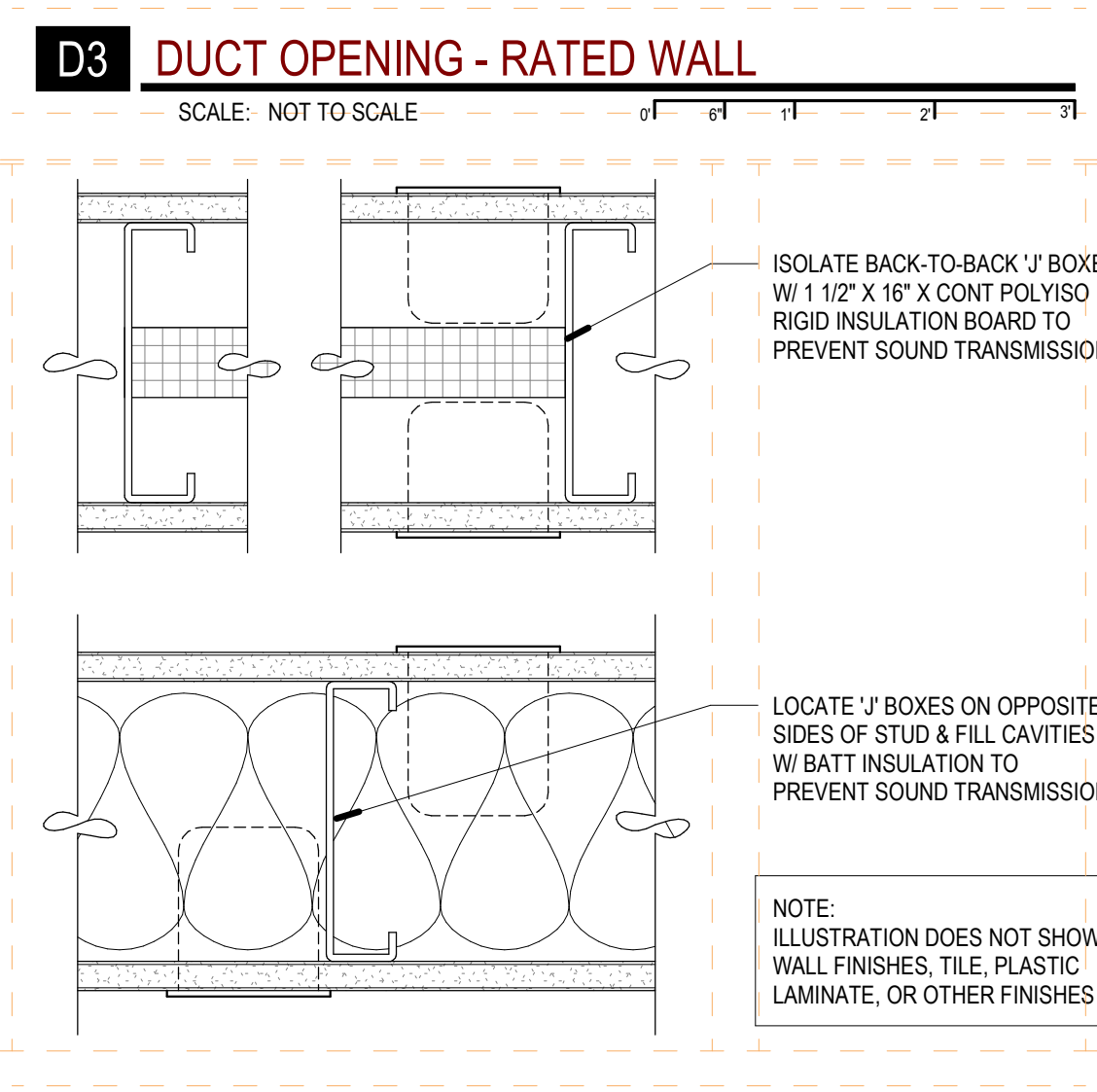
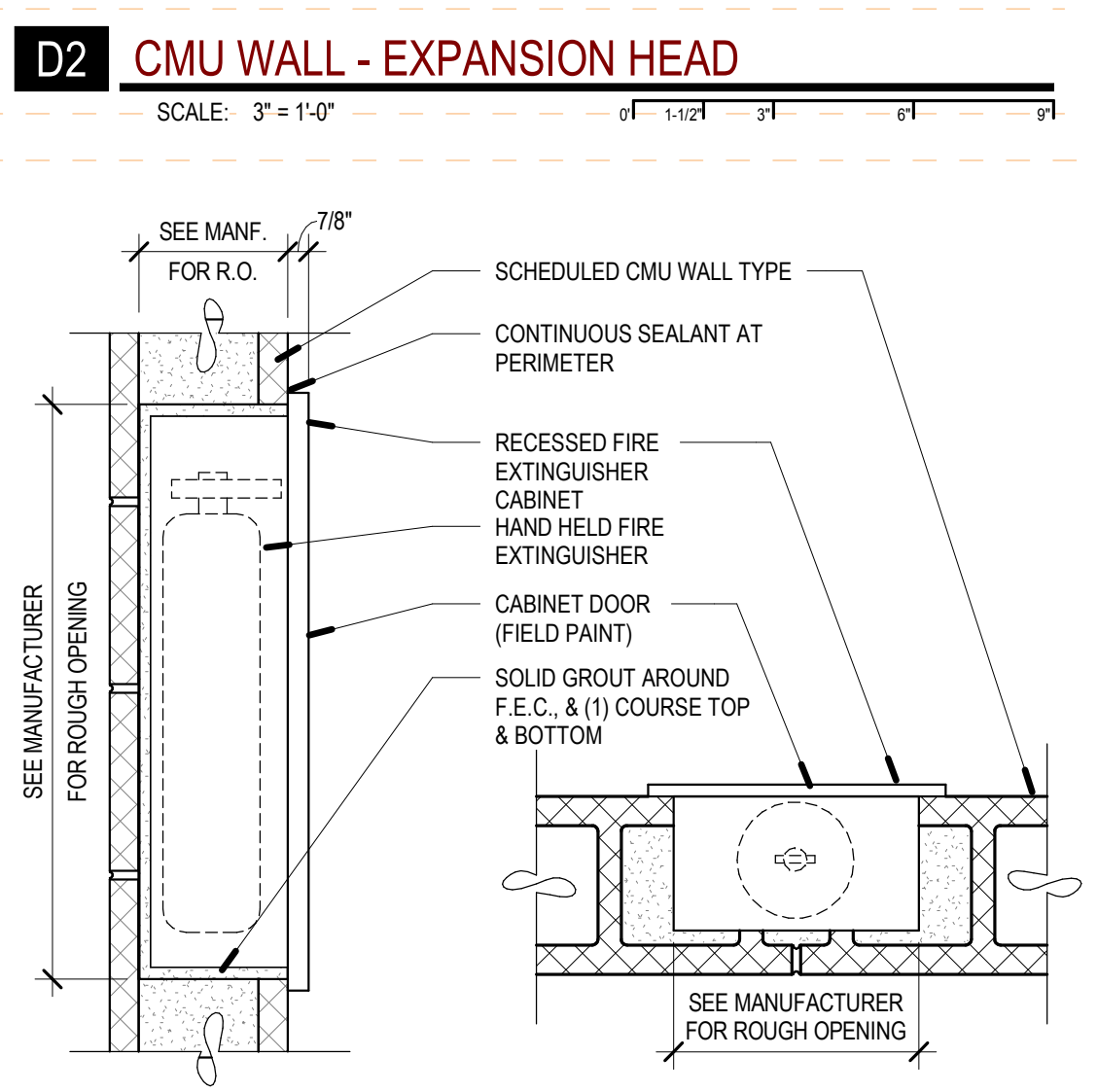
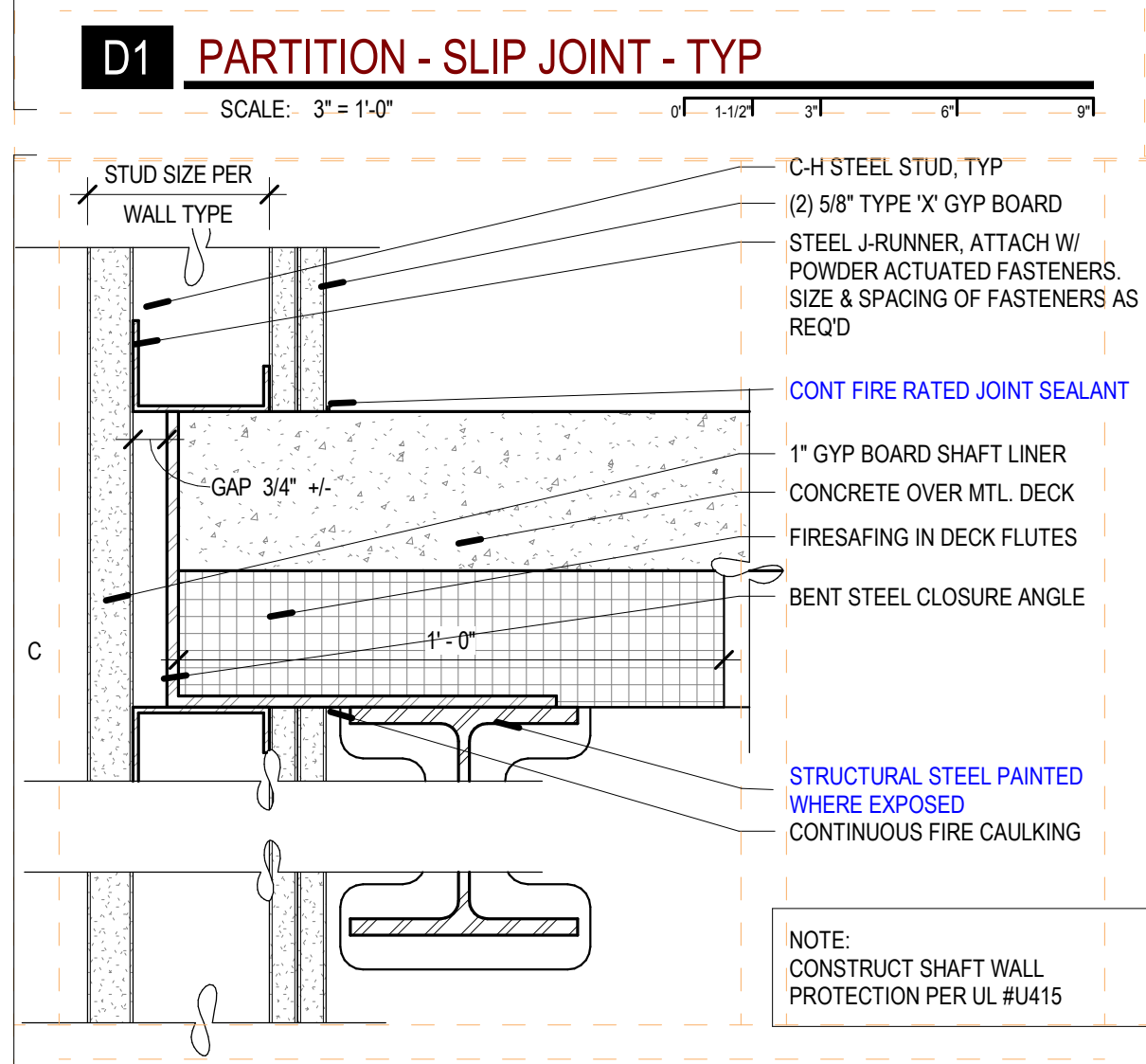
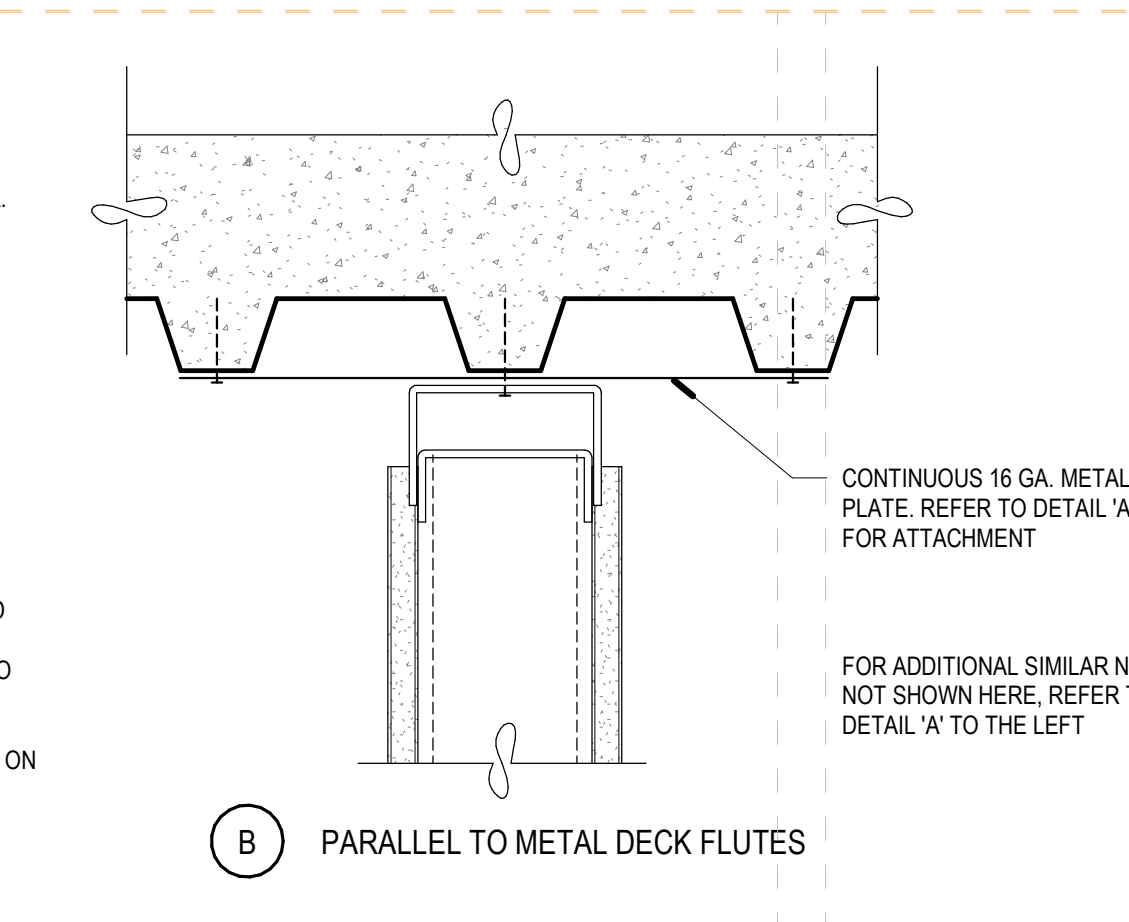
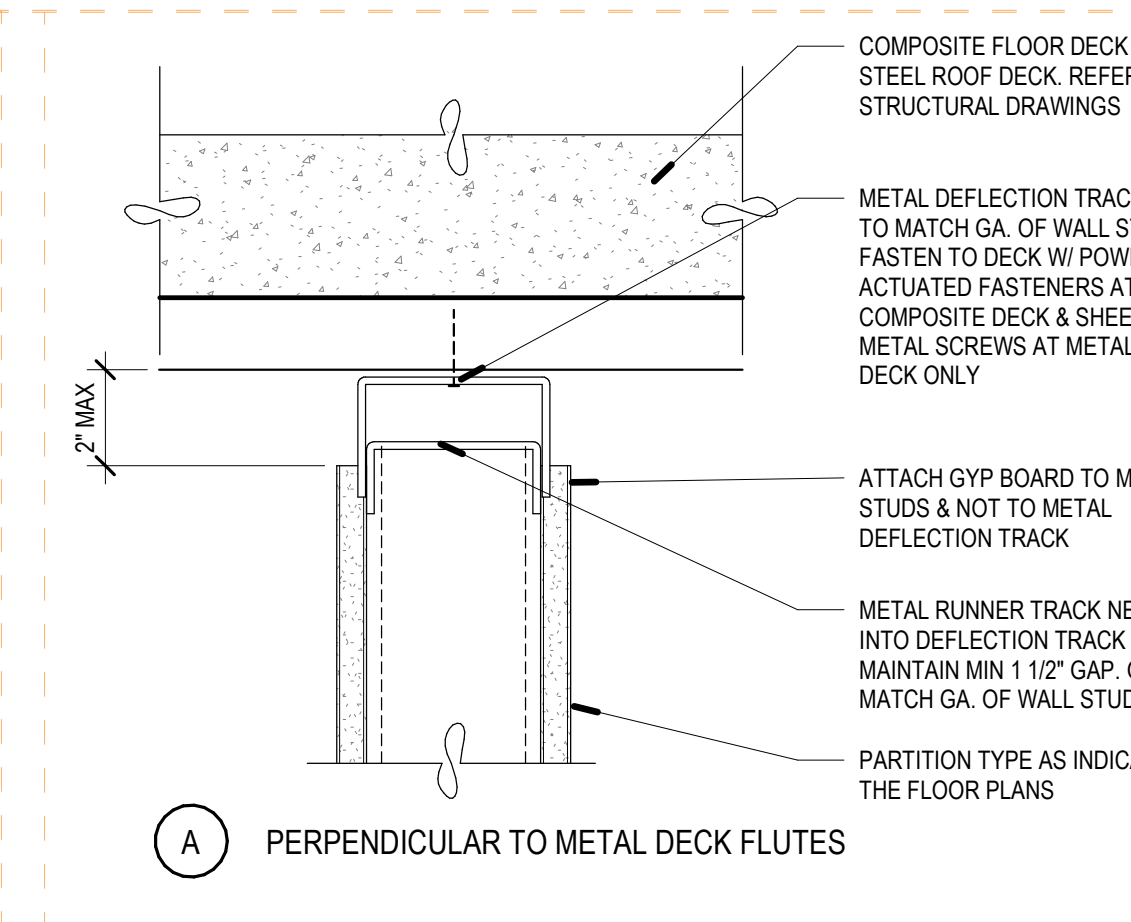
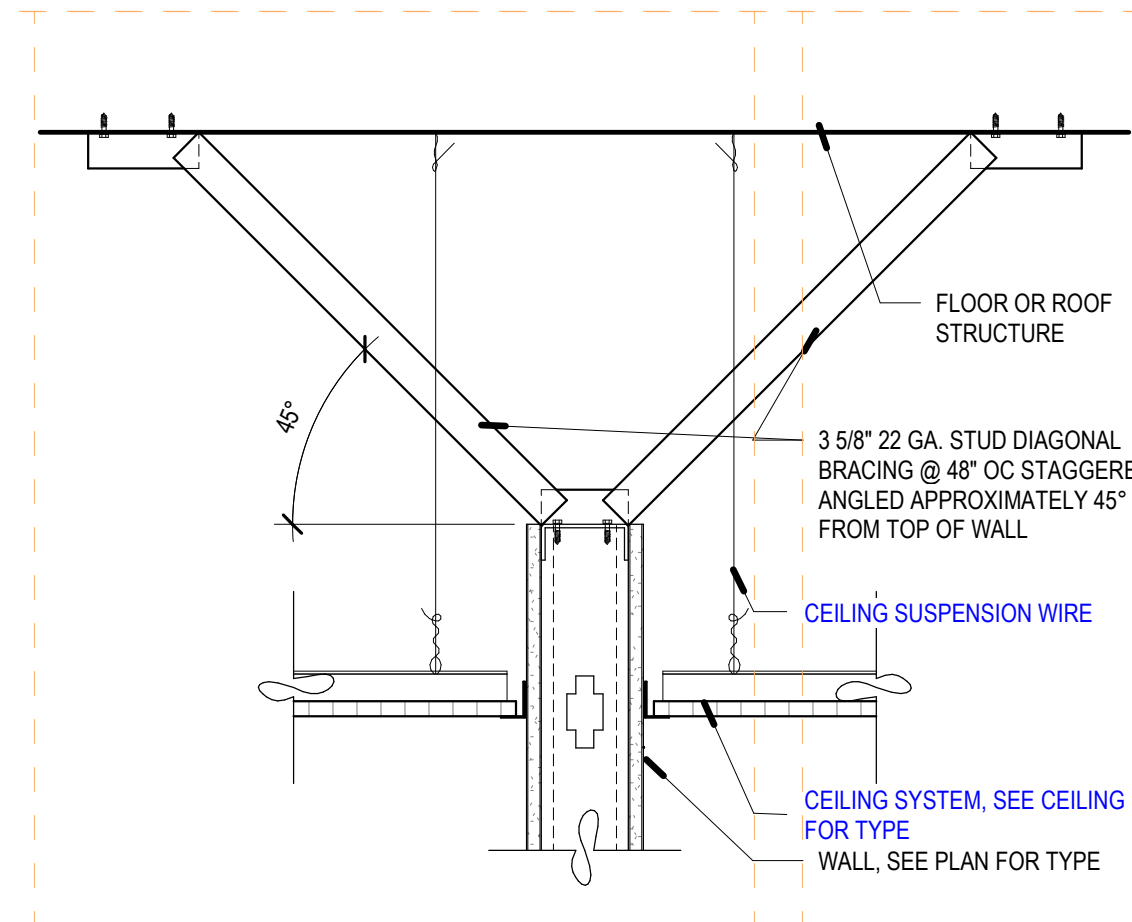
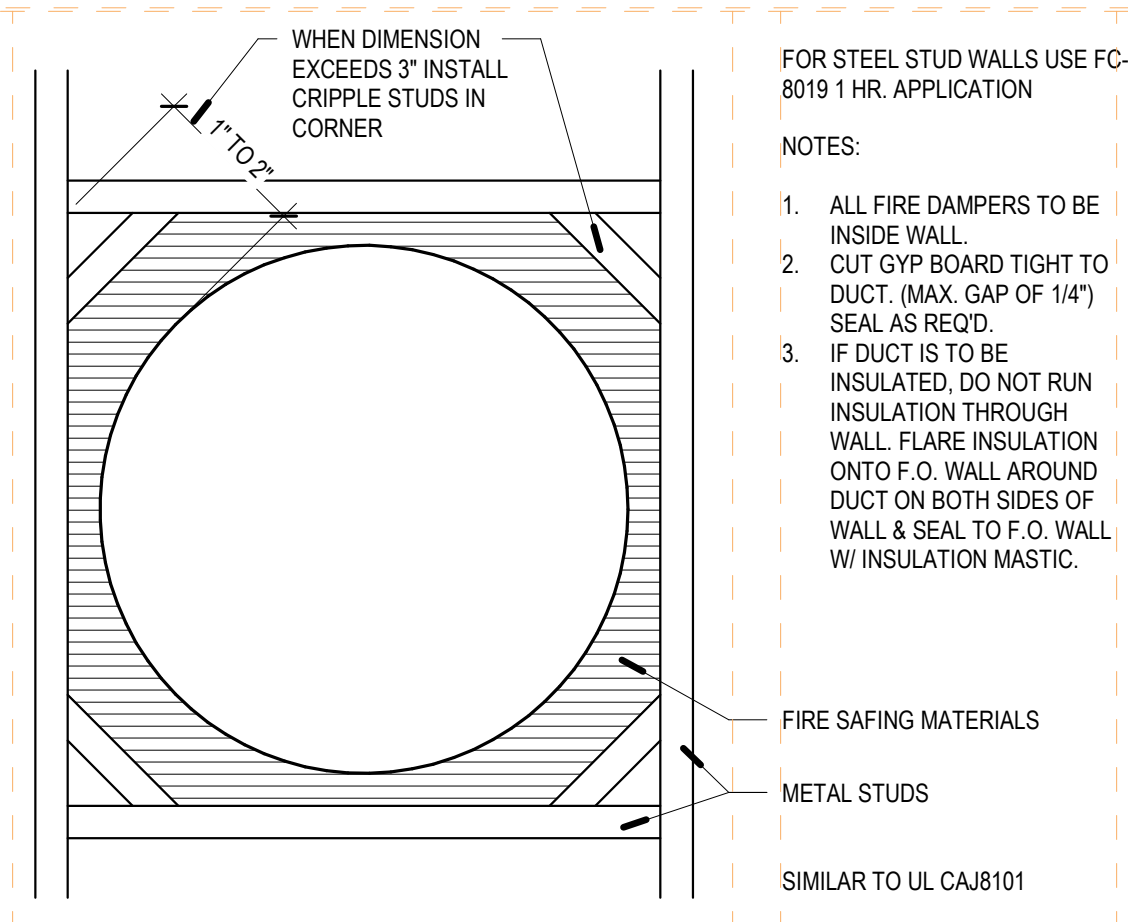
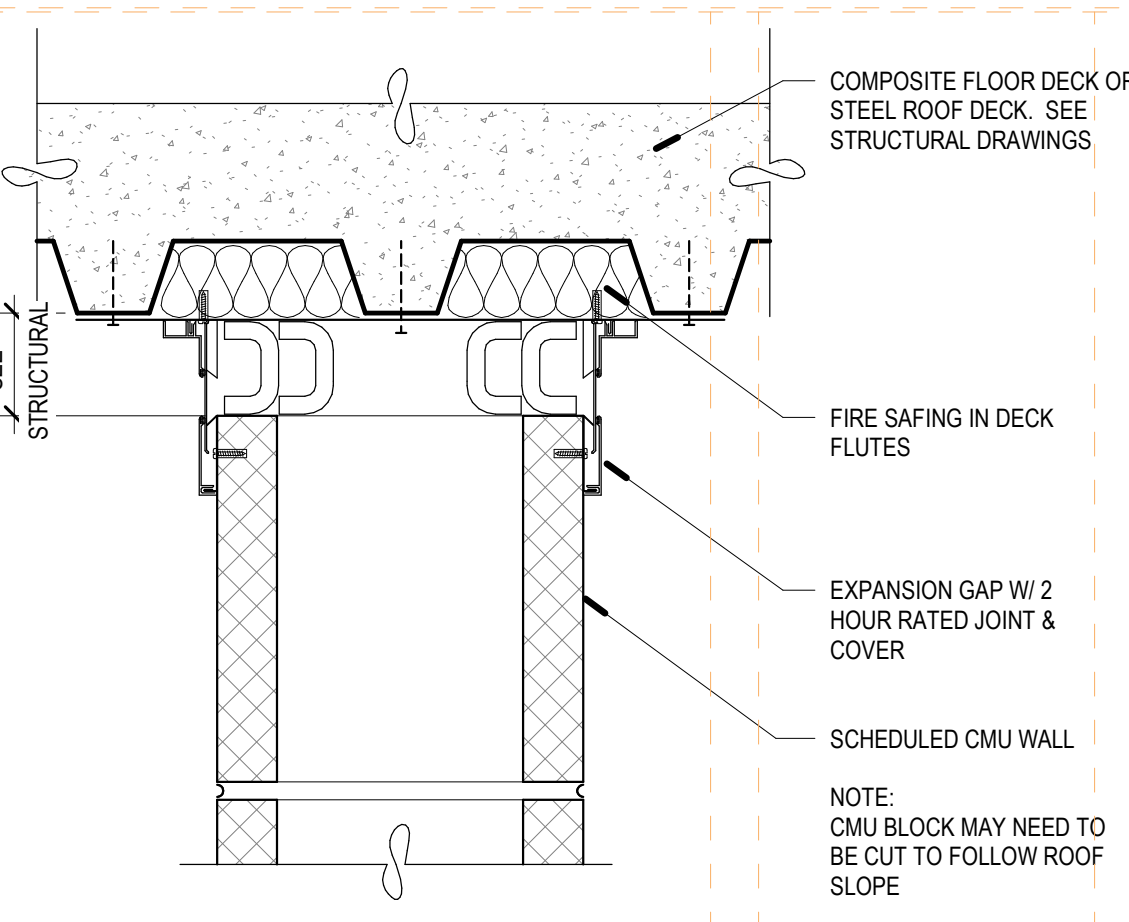
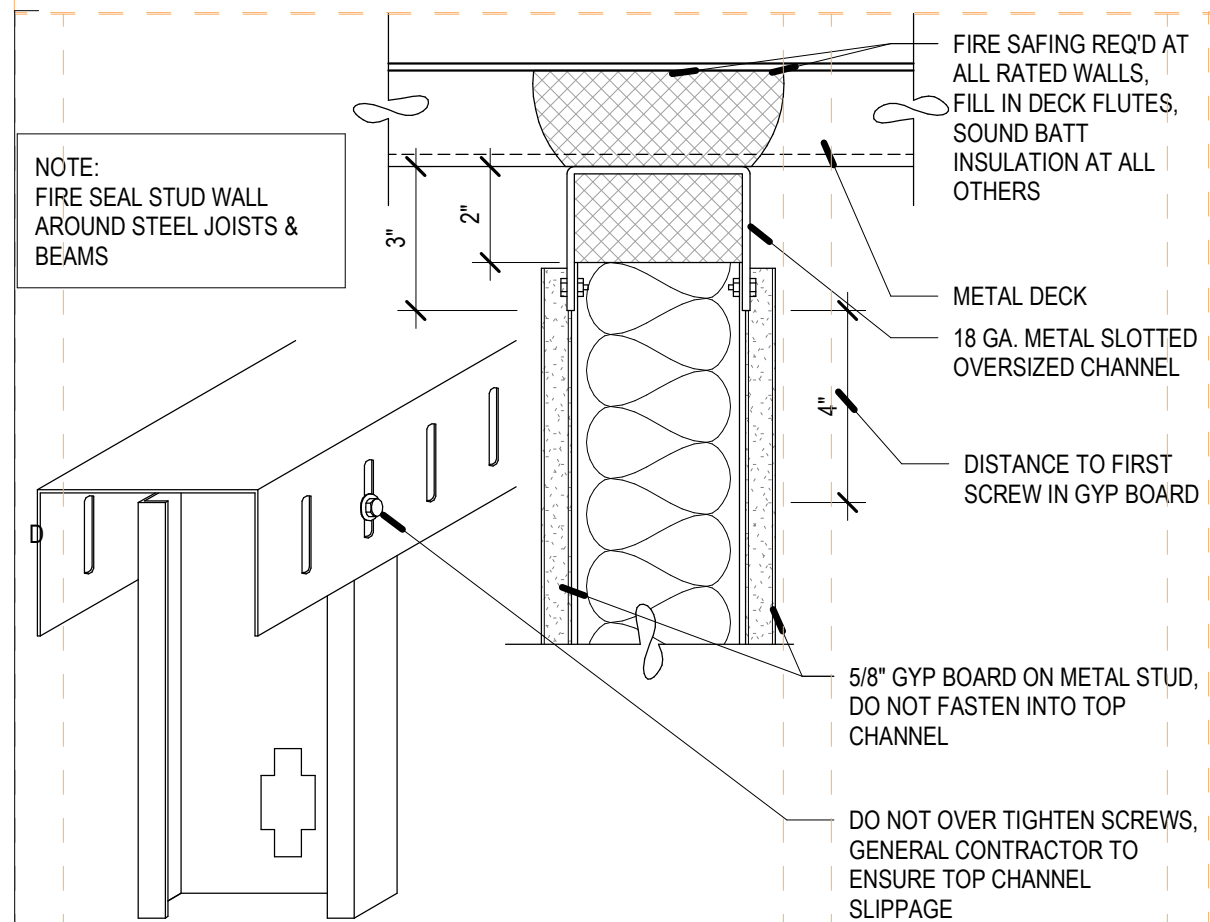
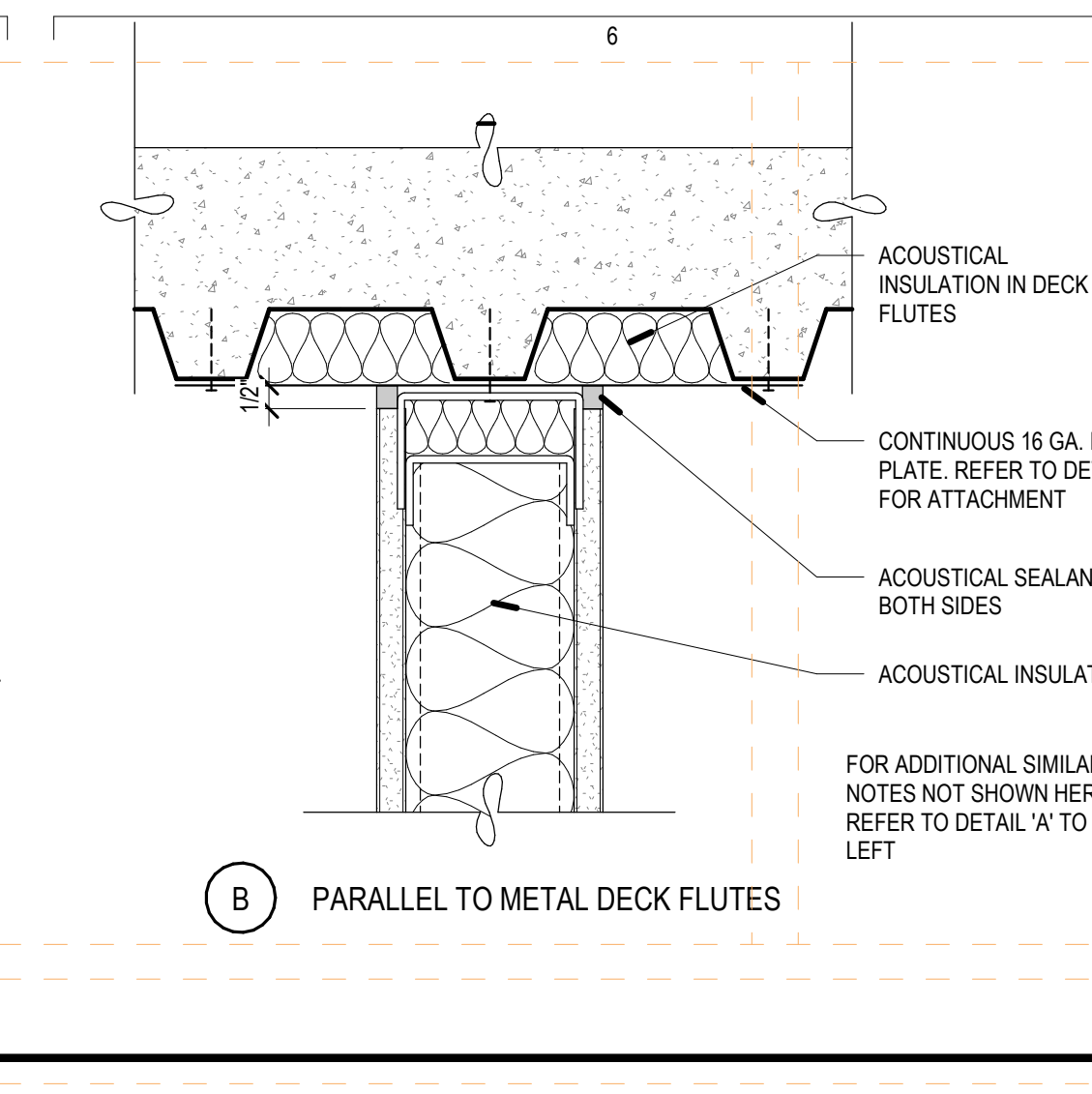
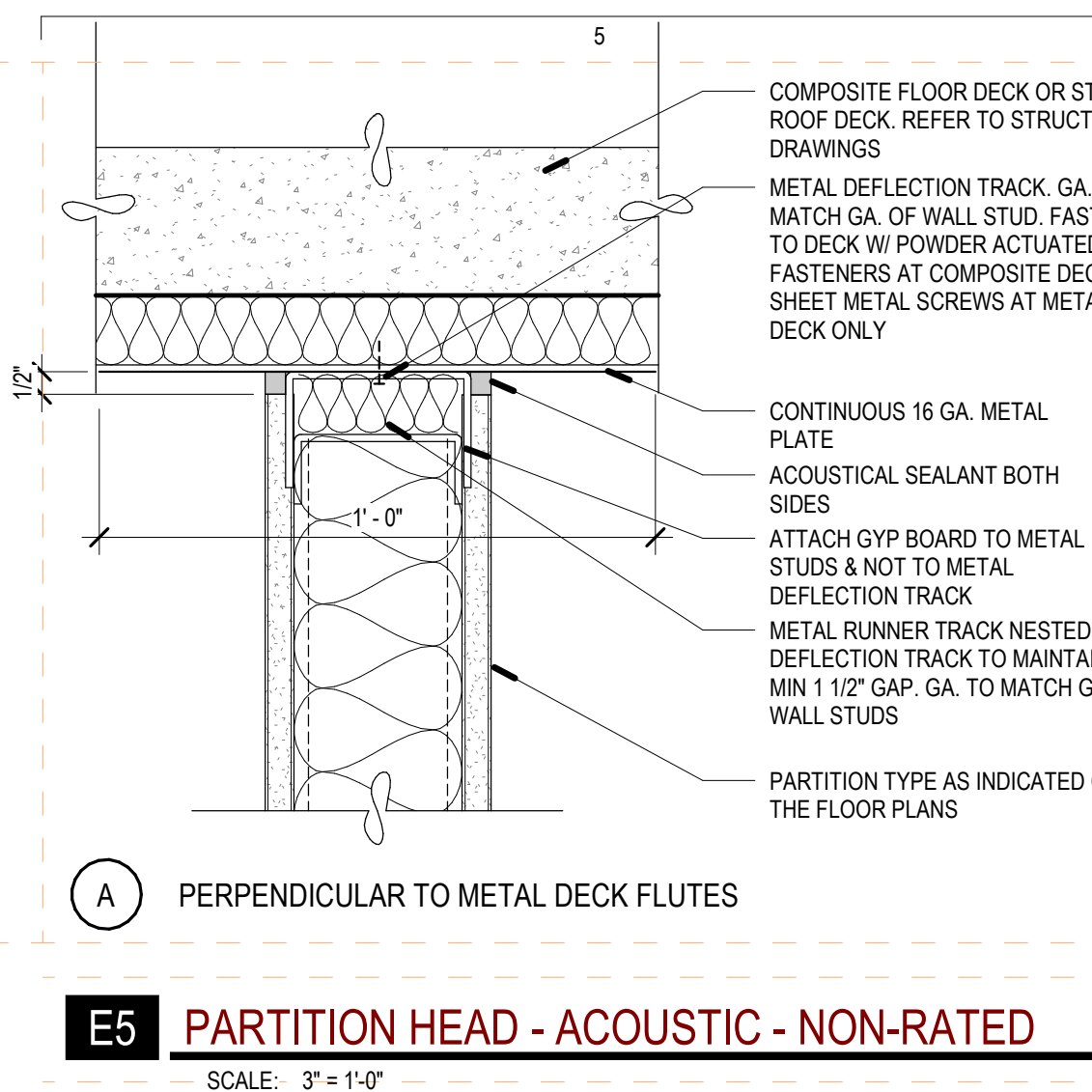
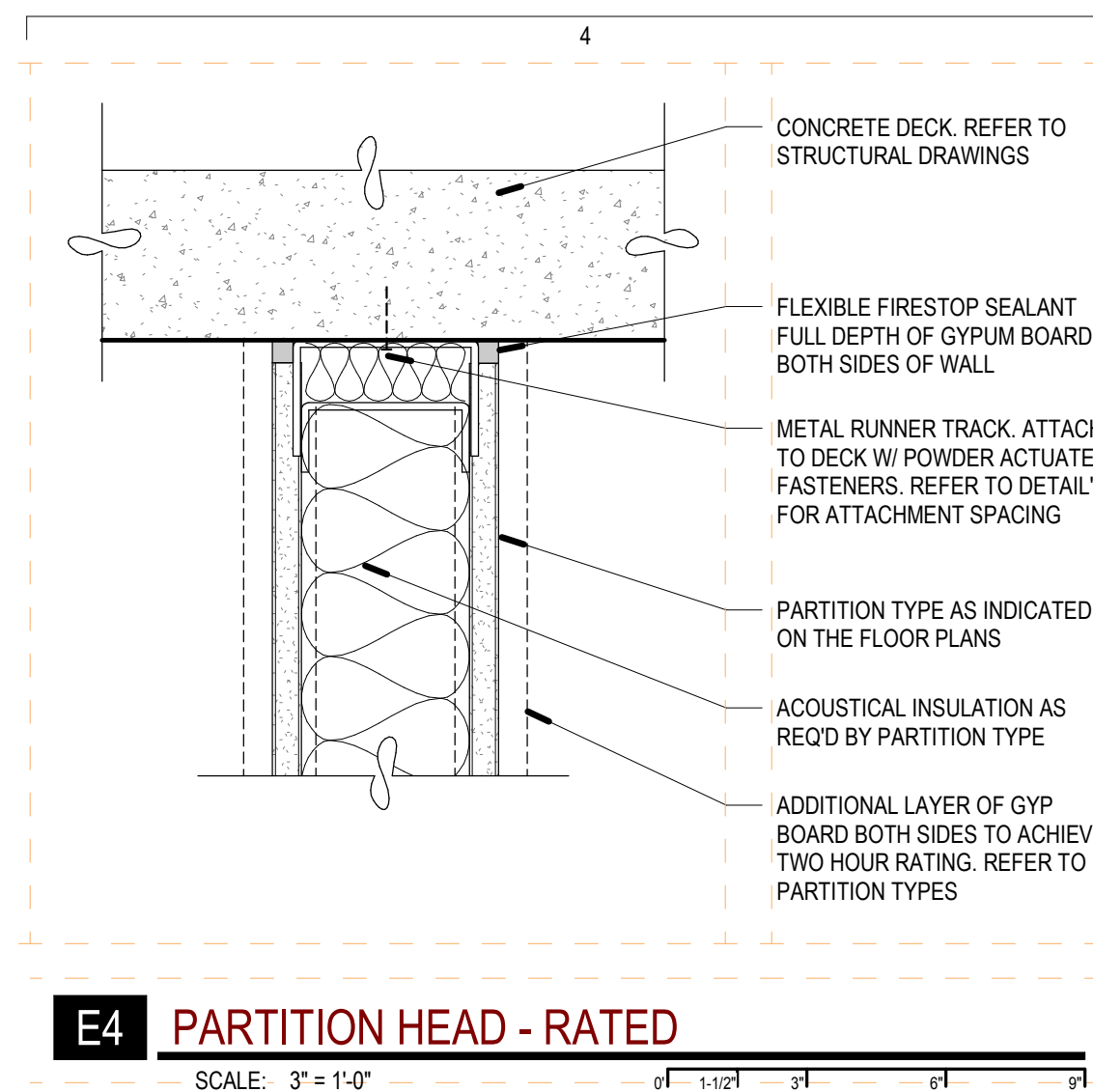
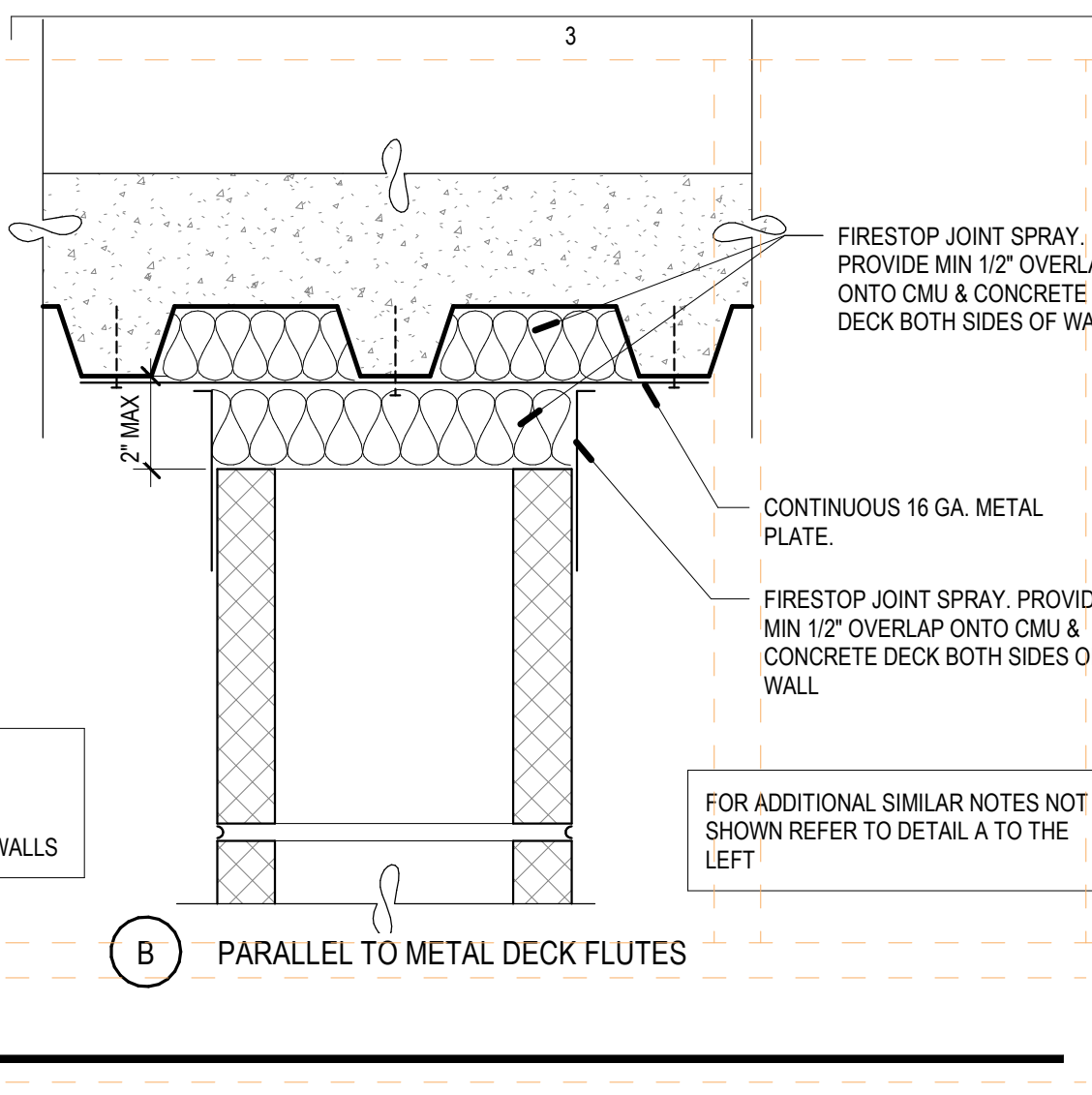
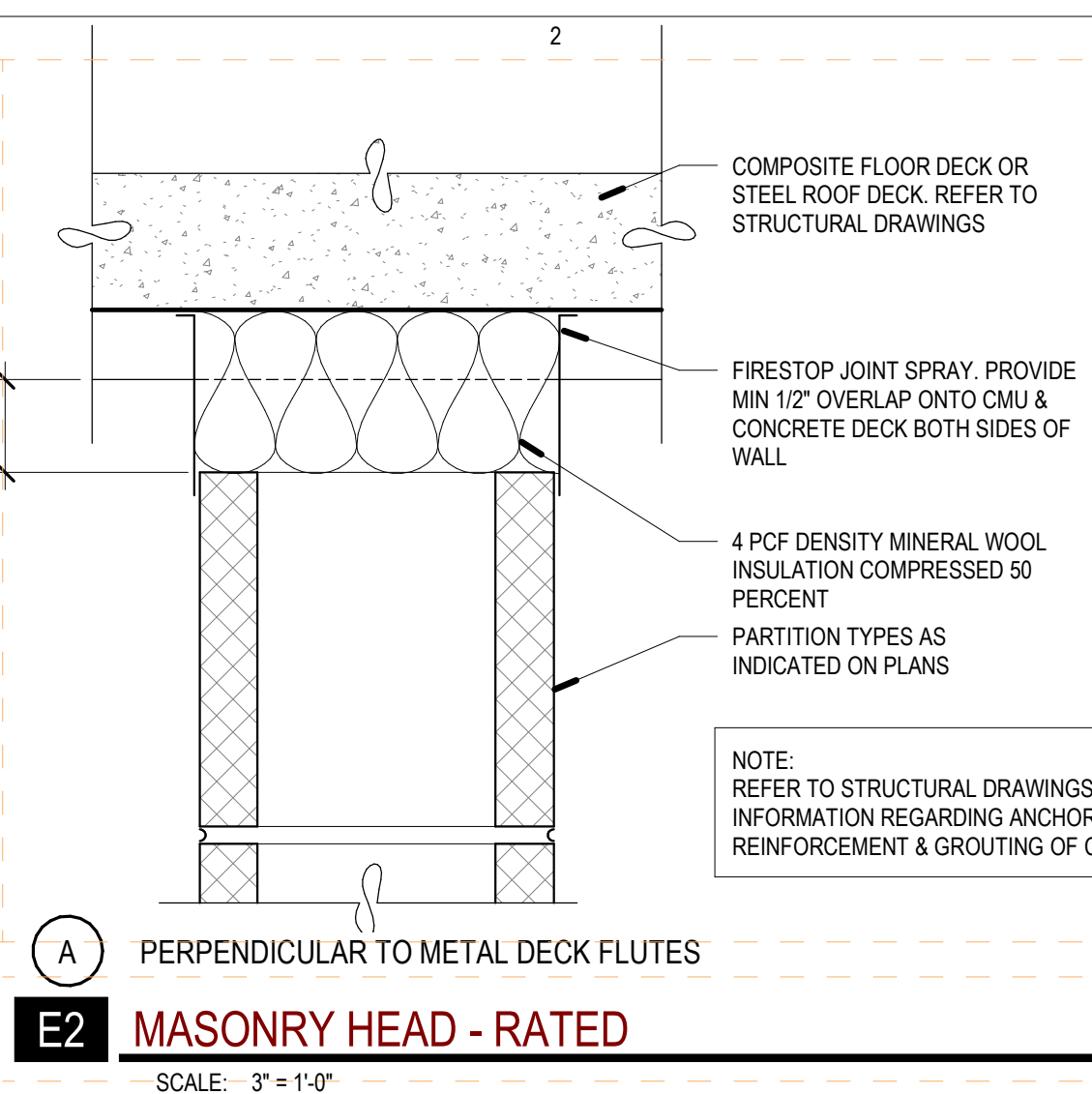
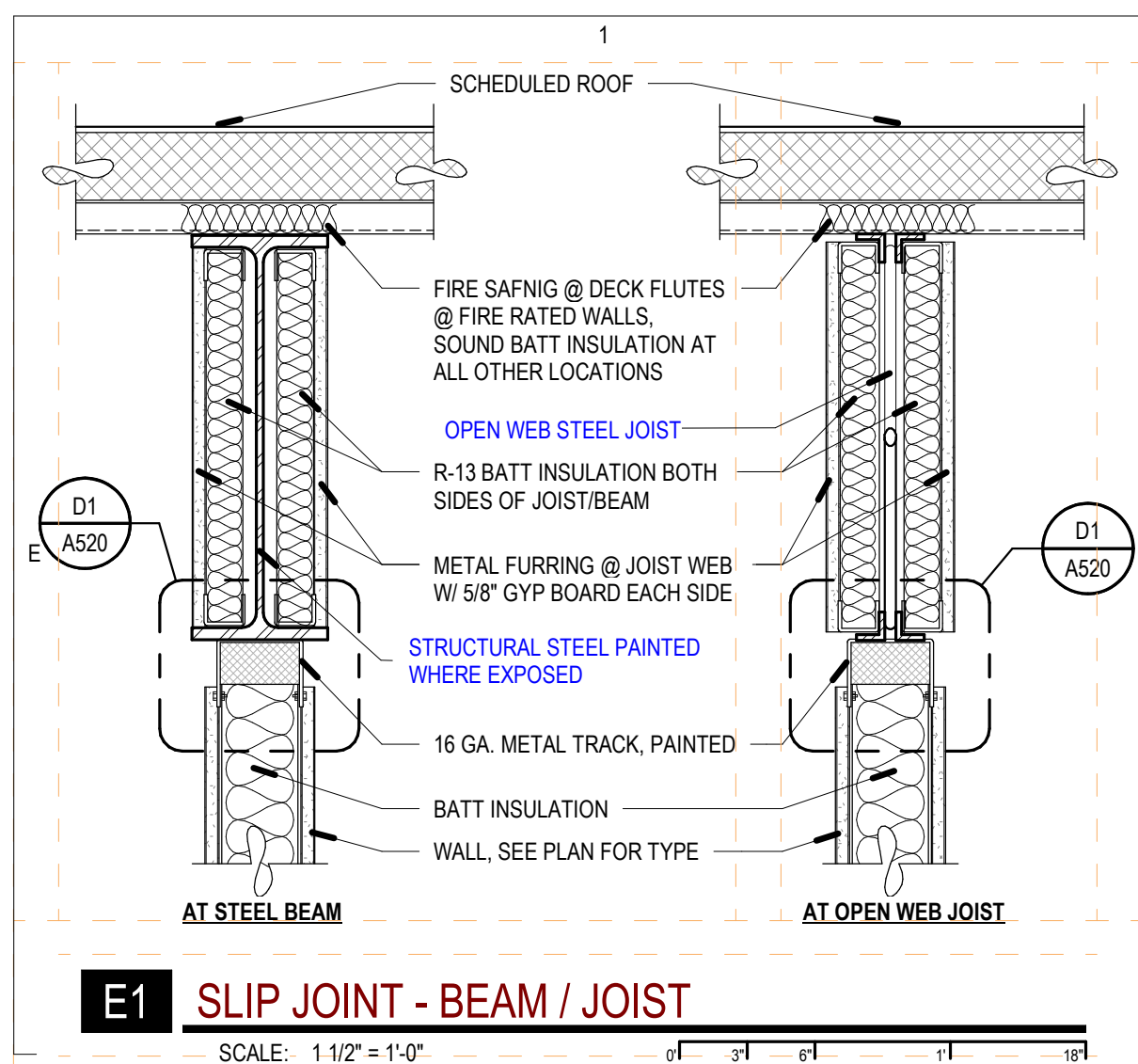
- FRAMED WALL PARTITIONS**
- PARTITION TYPE INDICATIONS ARE INDEPENDENT OF APPLIED FINISHES. SEE FINISH SHEETS AND INTERIOR ELEVATIONS FOR WALL FINISHES INCLUDING TILE COURSING AND LAYOUT AND/OR THE DESIGNATIONS ON THE PLANS FOR ADDITIONAL INFORMATION REGARDING APPLIED FINISHES.
 - WHERE PARTITION TYPE DESIGNATION ON FLOOR PLANS IS INTERRUPTED BY DOOR OPENING, GLAZED PARTITION, ETC., CONSTRUCTION ABOVE INTERRUPTION AND WHERE APPLICABLE BELOW IS TO BE THE SAME AS THAT DESIGNATED FOR THE PARTITION IN WHICH THE INTERRUPTION OCCURRED.
 - THE MINIMUM REQUIREMENTS FOR CONSTRUCTION OF EACH PARTITION TYPE AS EXPRESSED BY THE INDICATED REFERENCE ARE INCORPORATED BY REFERENCE AND ARE APPLICABLE TO THE WORK OF THIS PROJECT. HOWEVER, ADDITIONAL AND/OR MORE RESTRICTIVE REQUIREMENTS MAY BE INDICATED BY THE SPECIFICATIONS AND DRAWINGS. SUCH REQUIREMENTS ALSO APPLY AND SHALL GOVERN. SUCH REQUIREMENTS INCLUDE BUT ARE NOT LIMITED TO:
 - USE 5/8" THICK GYPSUM BOARD THROUGHOUT UNLESS NOTED OTHERWISE.
 - USE 16" OC MAX STUD SPACING UNLESS NOTED OTHERWISE IN THESE DOCUMENTS. THE SPACING STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MAX SPACING IF ALLOWED IN THESE DOCUMENTS.
 - USE STUDS OF GAUGE INDICATED ON THE DRAWINGS OR IN THE SPECIFICATIONS. THE GAUGE STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MINIMUM GAUGE TESTED, 20 GA (30 MILS) IS THE MINIMUM ALLOWED IN THESE DOCUMENTS.
 - USE STUDS OF DEPTH INDICATED BY THIS SET OF DOCUMENTS. THE DEPTH STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MINIMUM DEPTH TESTED DEPTH ALLOWED IN THESE DOCUMENTS. SEE STRUCTURAL DOCUMENTS FOR ADDITIONAL INFORMATION PERTAINING TO THE CONSTRUCTION OF CONCRETE, MASONRY AND STUD WALLS.
 - PROVIDE FIRE RATED CONSTRUCTION ASSEMBLIES WHERE INDICATED ON SHEETS G100a AND FLOOR PLAN DRAWINGS.
 - ALL DIMENSIONS ARE CENTER OF STUD OR FACE OF CONCRETE, MASONRY OR ROUGH OPENING UNLESS NOTED OTHERWISE. **FACE OF FINISHED WALL WILL BE NOTED AS F.W.**
 - AT ALL INTERIOR WALLS, STUDS, INSULATION AND GYPSUM BOARD ARE TO EXTEND TO THE DECK ABOVE. UNLESS NOTED OTHERWISE.
 - WALL TYPES NOT NOTED ARE ASSUMED TO MATCH ADJACENT ROOMS. SEE SHEETS FOR FINISHES. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
 - ALL METAL STUD PARTITIONS ARE CONSIDERED ACOUSTIC PARTITIONS AND ARE TO RECEIVE A TYPE 1 SOUND ATTENUATION BLANKET. THICKNESS TO MATCH STUD DEPTH, UNLESS NOTED OTHERWISE.
 - REFER TO SHEET **AXXX** FOR TYPICAL INTERIOR WALL CONDITIONS ASSOCIATED WITH ALL METAL STUD PARTITIONS.
 - PROVIDE CONTROL JOINTS IN METAL FRAMED WALLS AT APPROXIMATELY 30 FEET ON CENTER. LOCATE AT CORNER ABOVE DOORS OR INSIDE CORNER OF PENETRATING OBJECT AND THE GAP BETWEEN OBJECT AND THE WALL IS TO BE SEALED W/ ACoustical OR FIRE SEALANT ON ALL SIDES WITH A 3/4" JOINT AT ALL SIDES. MAXIMUM THE OPENING FOR DUCTS OR LARGE PENETRATIONS SHALL BE FRAMED WITH A HEADER. ADD AN ANGLED CORNER BRACE IF THE GAP EXCEEDS 3" FROM FRAMING TO THE OPENING.
 - PROVIDE BLOCKING / BACKING FOR ALL WALL MOUNTED EQUIPMENT. SEE FLOOR PLANS AND INTERIOR ELEVATIONS FOR CABINETS, GRAB BARS ETC. INSTALL BLOCKING AS DETAILED OR AS REQUIRED TO MOUNT SUCH DEVICES. ALL BLOCKING IS TO BE FIRE RETARDANT TREATED. INSTALL PER SHEET **A570**.
 - WHERE THERE IS LIMITED WATER EXPOSURE, INSTALL ONE LAYER OF 5/8" TYPE X WATER RESISTANT GYPSUM BOARD PER ASTM C1396 (WHERE GYPSUM BOARD OCCURS) OF BASIC PARTITION AT THE FOLLOWING LOCATIONS:
 - WITHIN 2 FEET HORIZONTALLY AND 4 FEET VERTICALLY OF JANITORS SINKS
 - AT OTHER LOCATIONS, I.E. TOILET ROOMS AND KITCHENS, AND AS INDICATED ON THE ARCHITECTURAL FINISH PLANS AND ELEVATIONS.
 - INSTALL ONE LAYER OF 5/8" GLASS MAT TILE BACKER BOARD IN LIEU OF GYPSUM BOARD (WHERE GYPSUM BOARD OCCURS) OF BASIC PARTITION WHERE THERE IS NO FIRE RATING AND OVER GYPSUM BOARD FACE LAYER AT FIRE RATED PARTITIONS AT THE FOLLOWING LOCATIONS.
 - AT WET LOCATIONS, SUCH AS SHOWER STALLS AND TUB SURROUNDS.
 - WHERE CERAMIC TILE FINISHES ARE INDICATED PER THE FINISH PLANS AND/OR INTERIOR ELEVATIONS.
 - AT OTHER LOCATIONS AS INDICATED BY THE ARCHITECTURAL FINISH PLANS AND ELEVATIONS.
 - WHERE NEW WALLS OR FURRING ARE INDICATED TO BE DIMENSIONED OFF OF AN EXISTING WALL, THE NEW WALL SHALL BE STRAIGHT AND PLUMB REGARDLESS OF THE CONDITION OF THE EXISTING WALL.
 - SEE DETAIL **XX AND XX ON SHEET **AXXX**** FOR TYPICAL FIRE EXTINGUISHER CABINET INSTALLATION DETAILS.



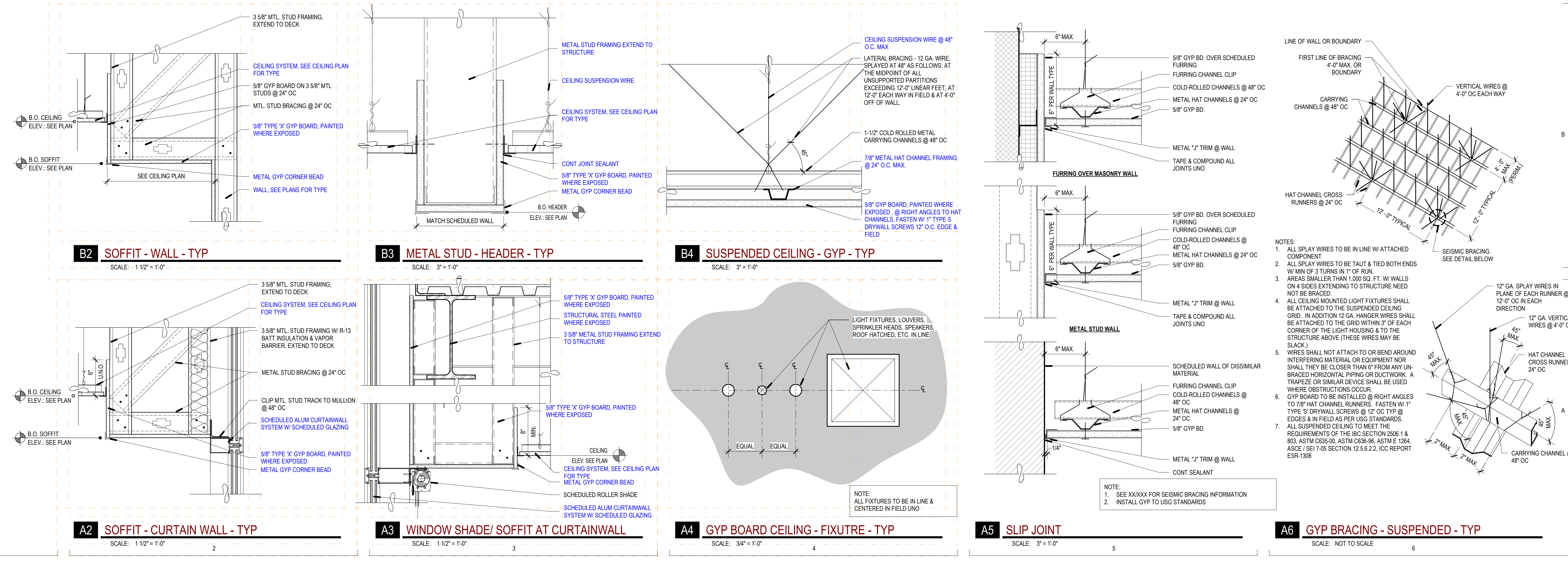
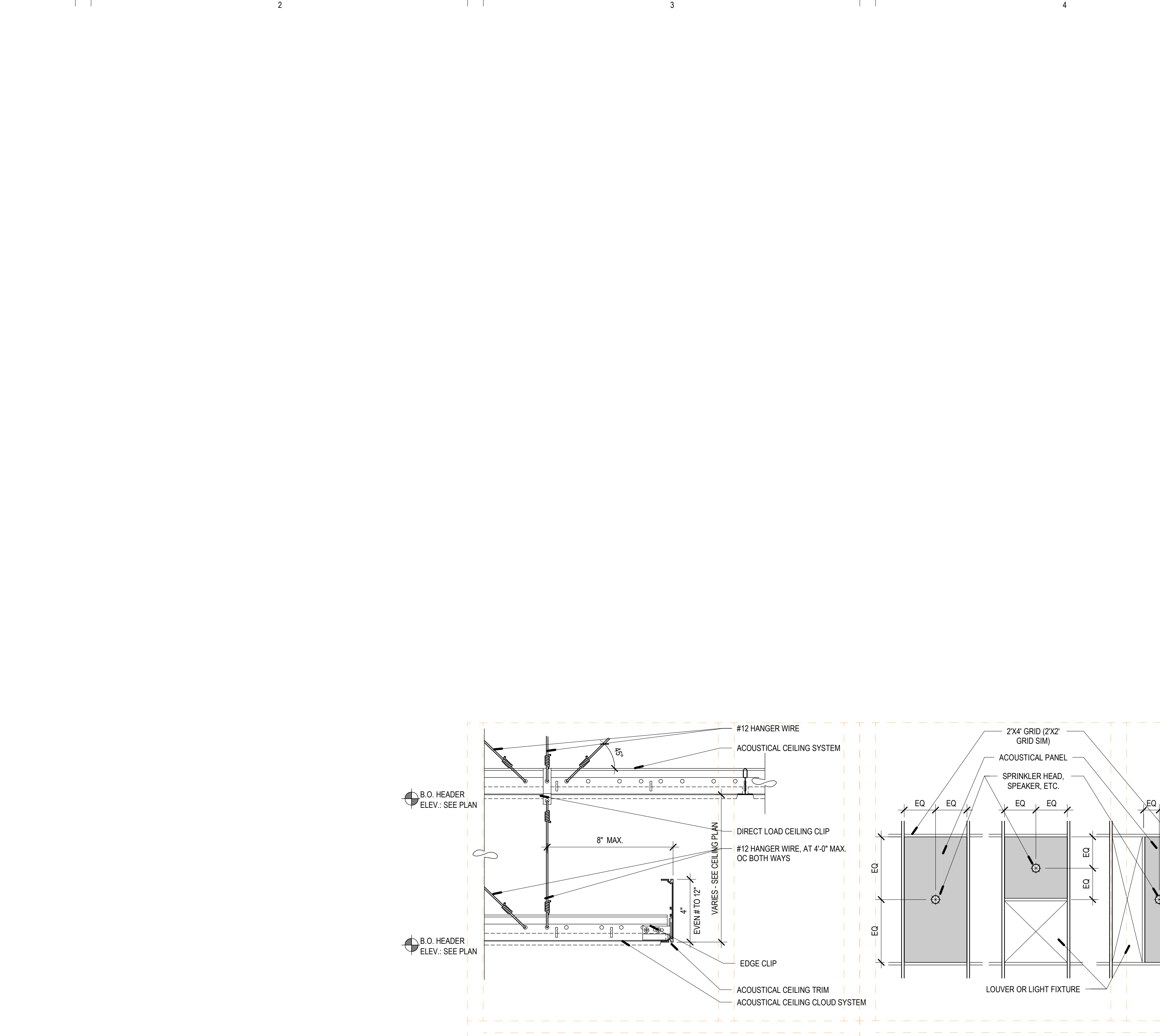
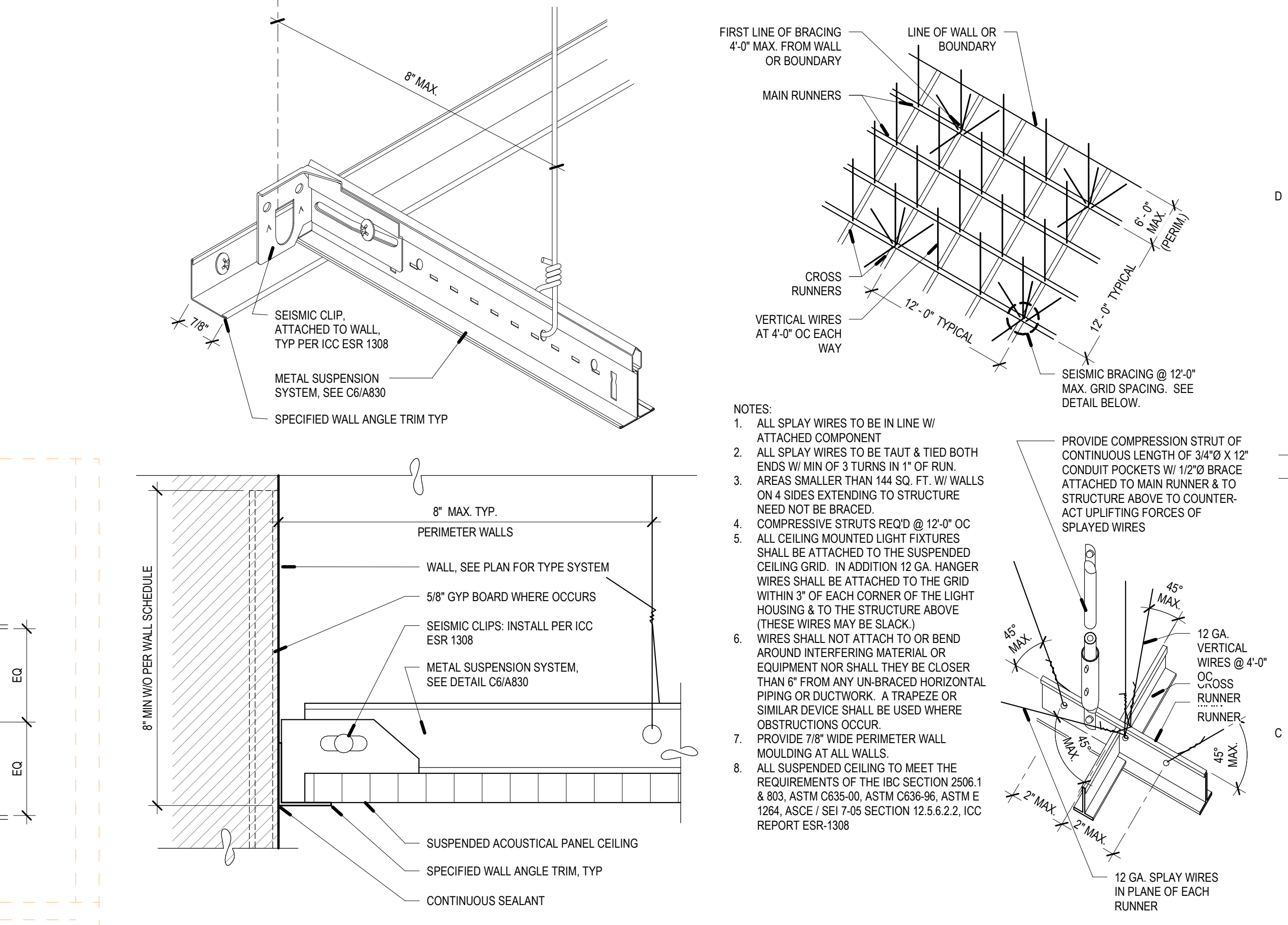
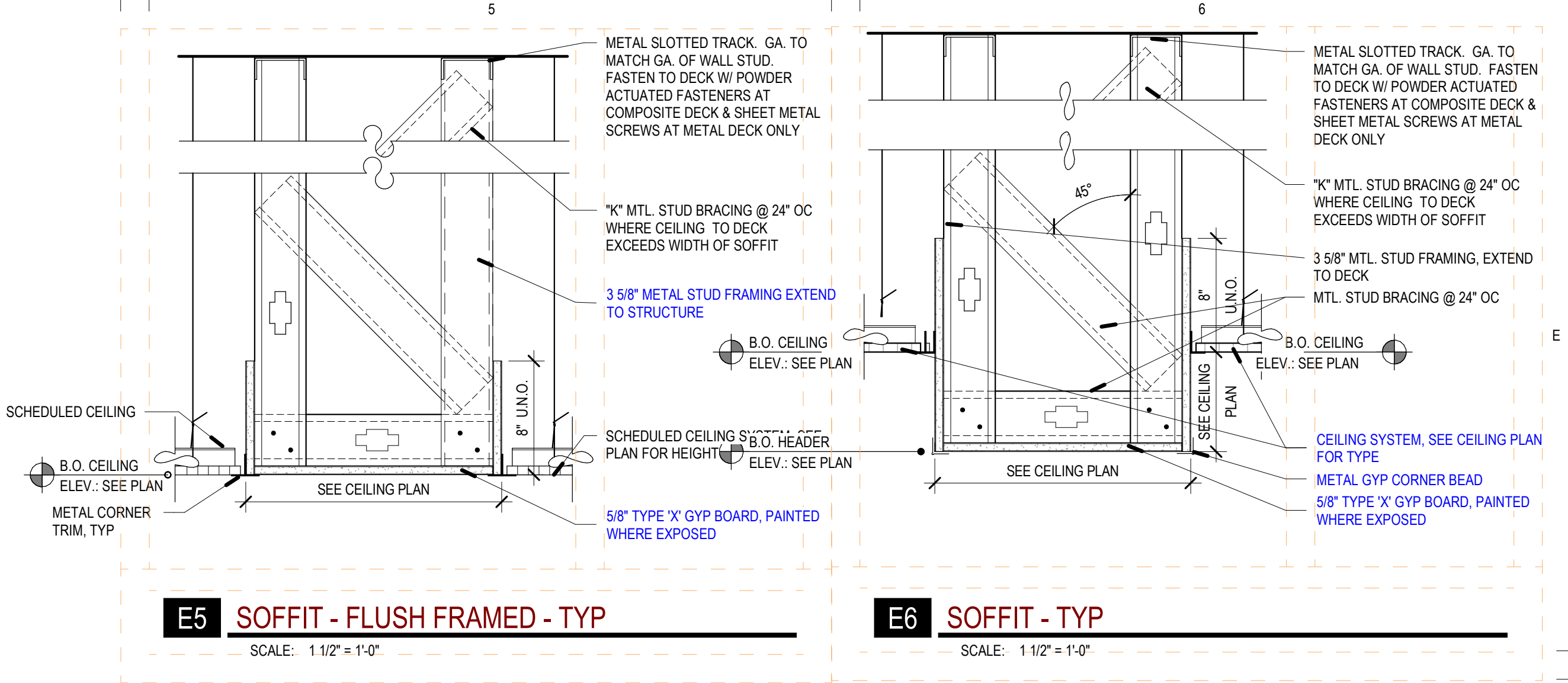
REV	DATE	DESCRIPTION

VCBO NUMBER: 19140
CLIENT NUMBER: 00000
DATE: DECEMBER 10, 2019

INTERMOUNTAIN ~ SHC 4TH FLOOR REMODEL
INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123
CONSTRUCTION DOCUMENTS

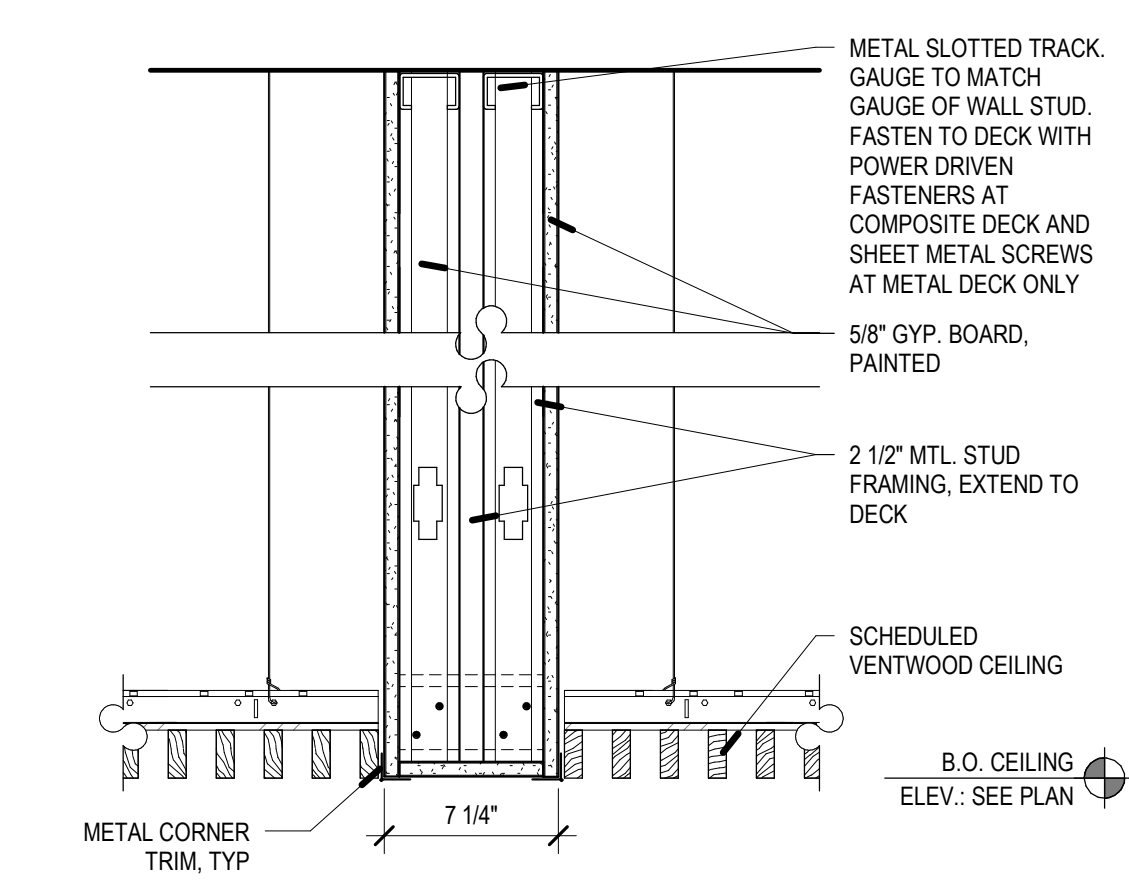


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DATE:	DECEMBER 10, 2019	

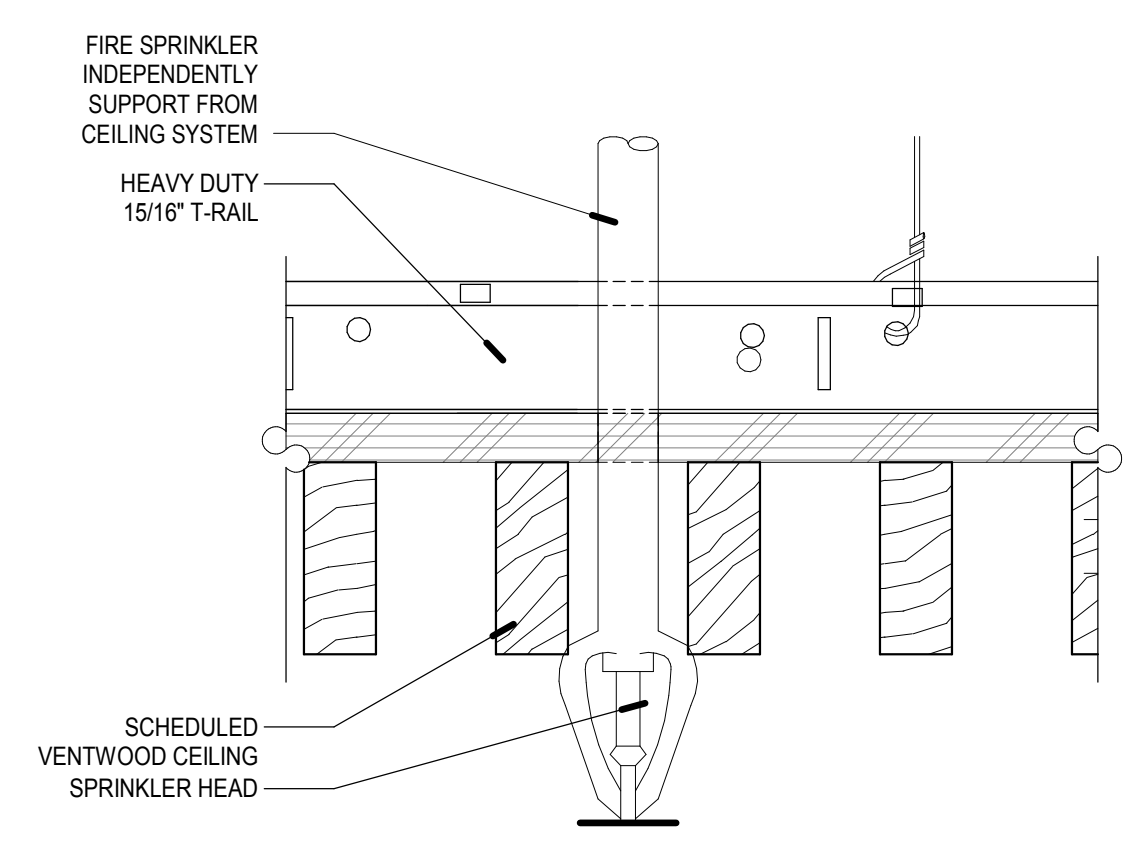


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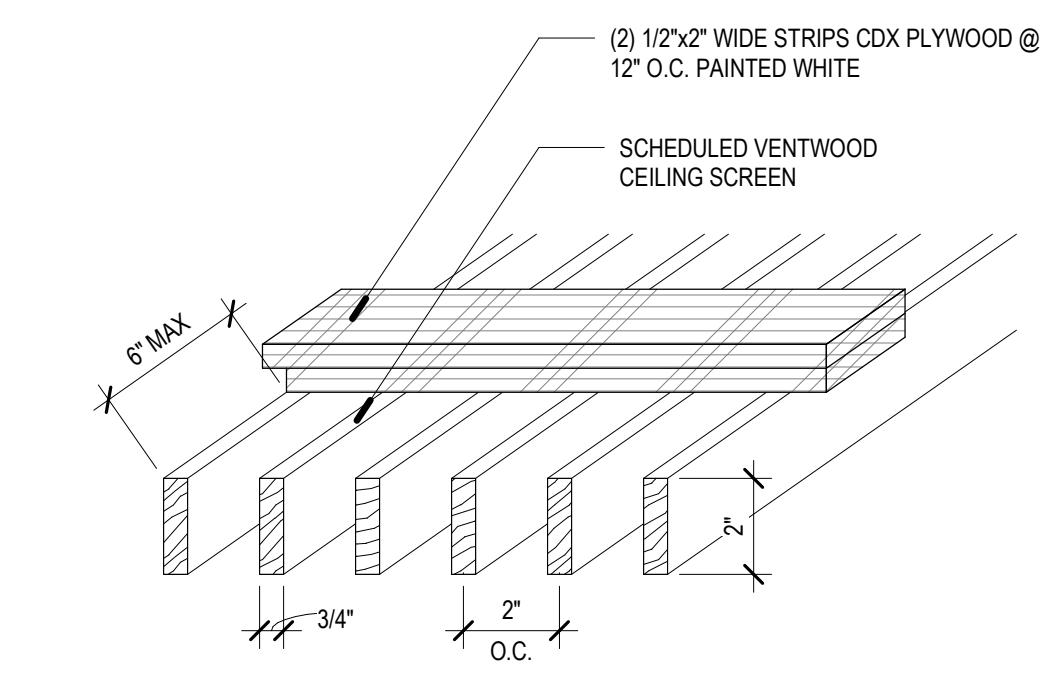
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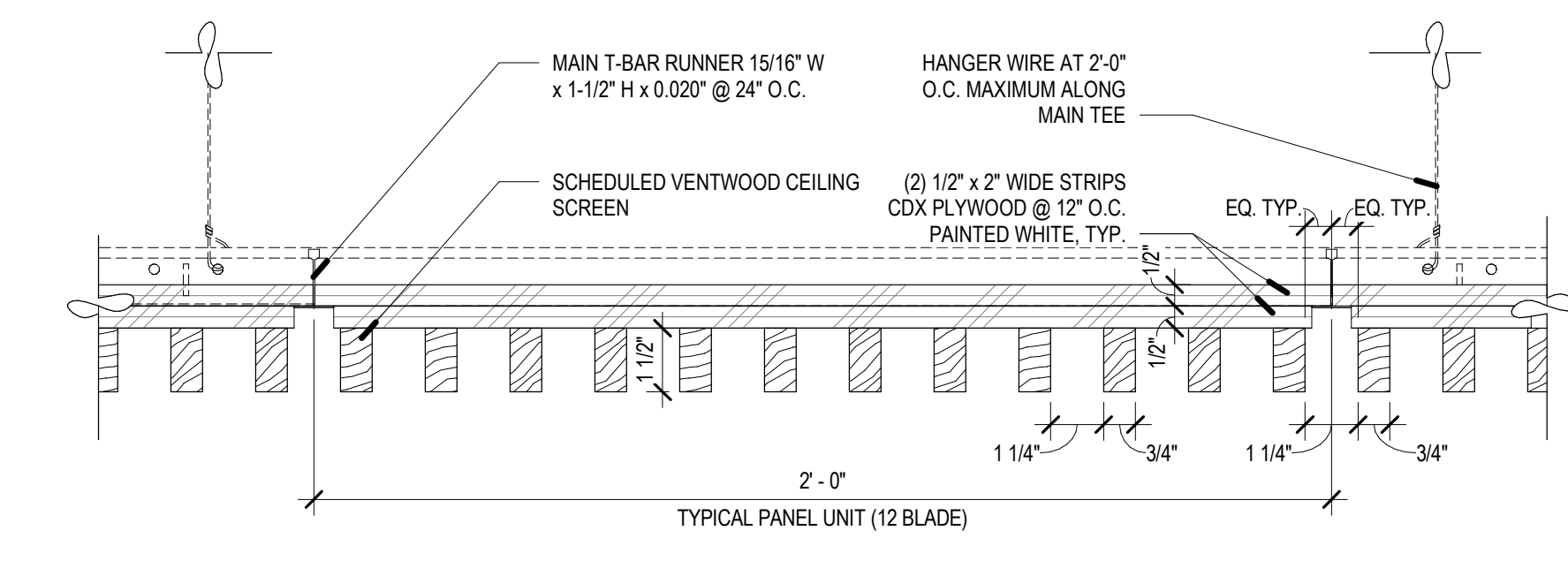
C6 TYPICAL SOFFIT DETAIL @ VENTED WOOD GRILLE
SCALE: 1 1/2" = 1'-0"



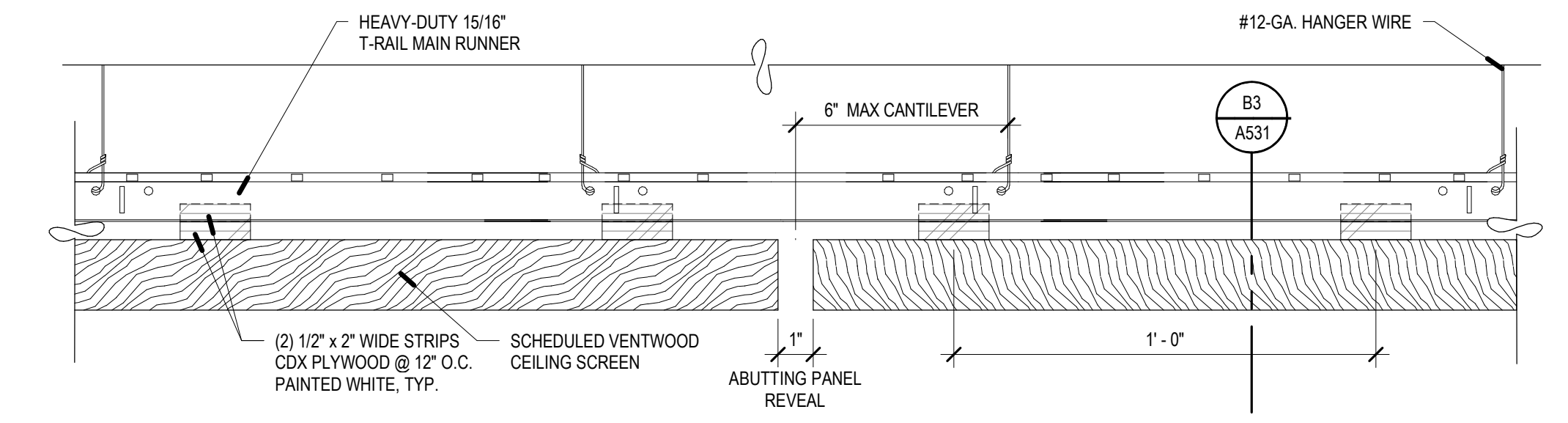
B6 TYP. VENTWOOD CEILING SPRINKLER DETAIL
SCALE: 6" = 1'-0"



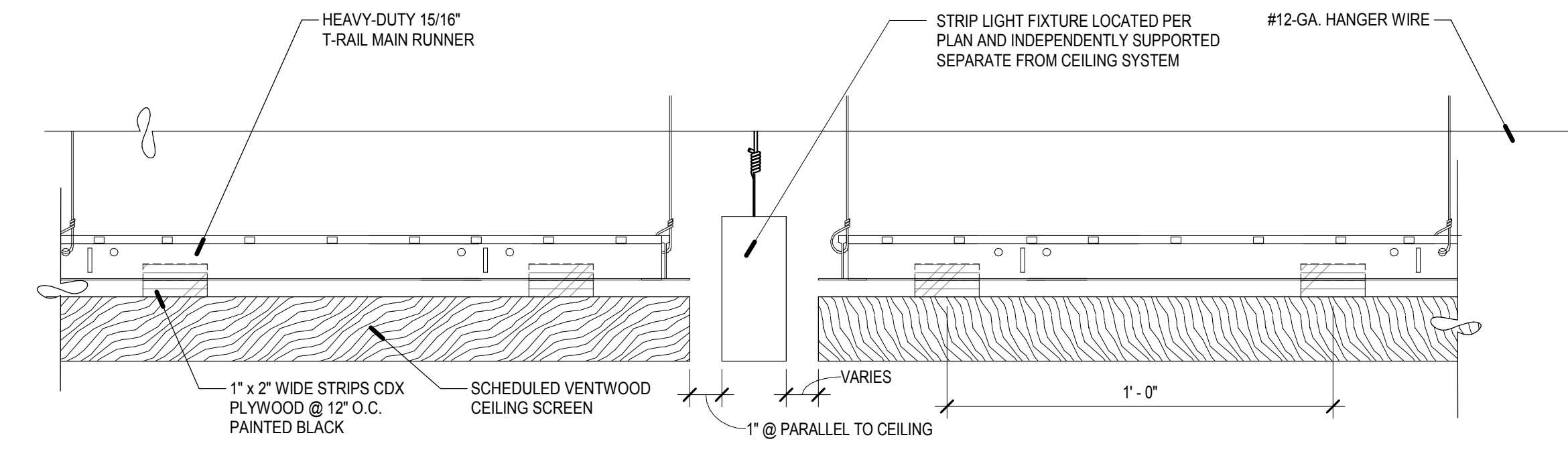
B5 VENTWOOD PROFILE
SCALE: N.T.S.



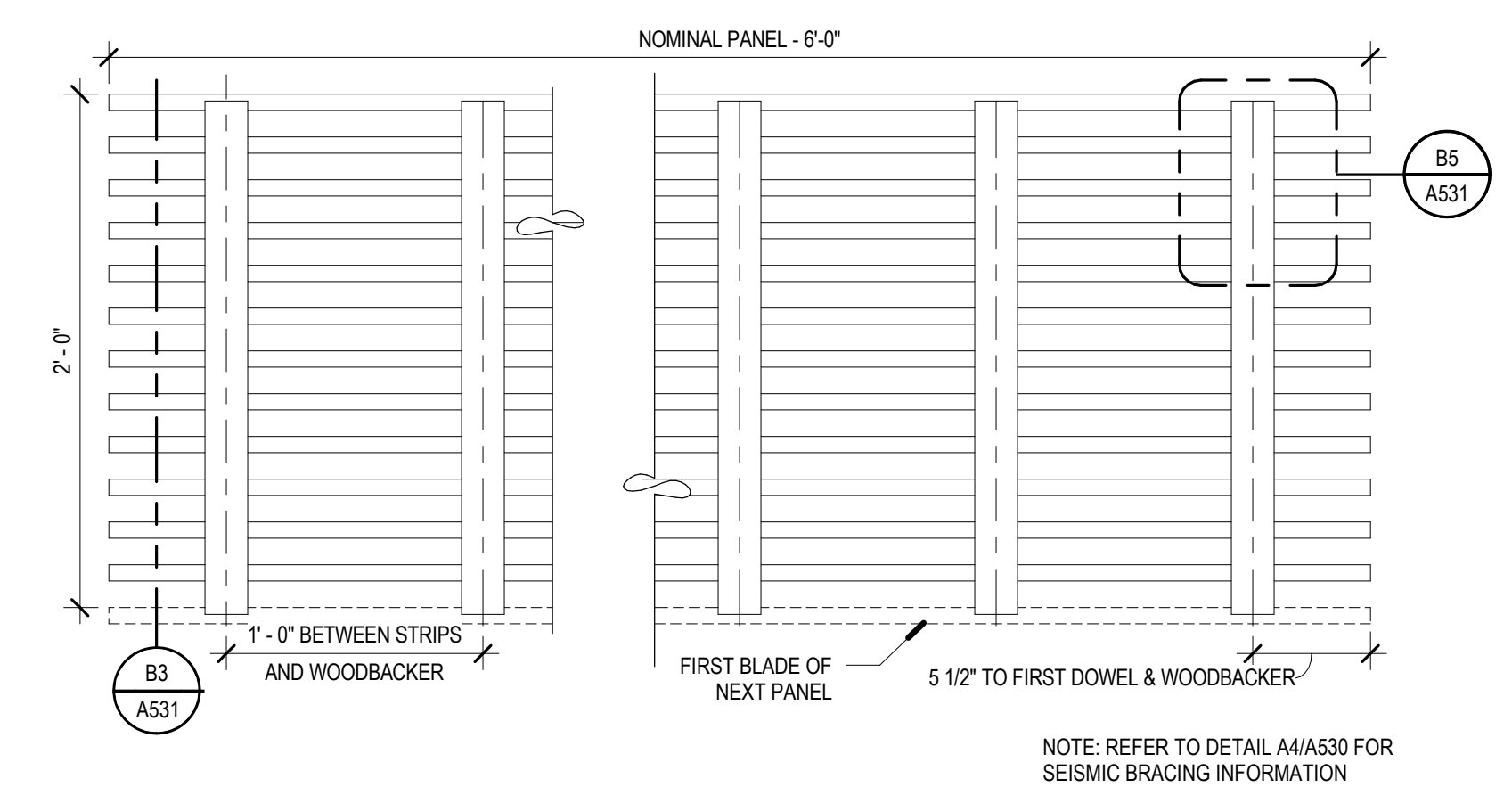
B3 VENTWOOD CEILING DETAIL
SCALE: 3" = 1'-0"



A5 VENTWOOD CEILING GAP DETAIL
SCALE: 3" = 1'-0"



A3 VENTWOOD CEILING LIGHT DETAIL
SCALE: 3" = 1'-0"

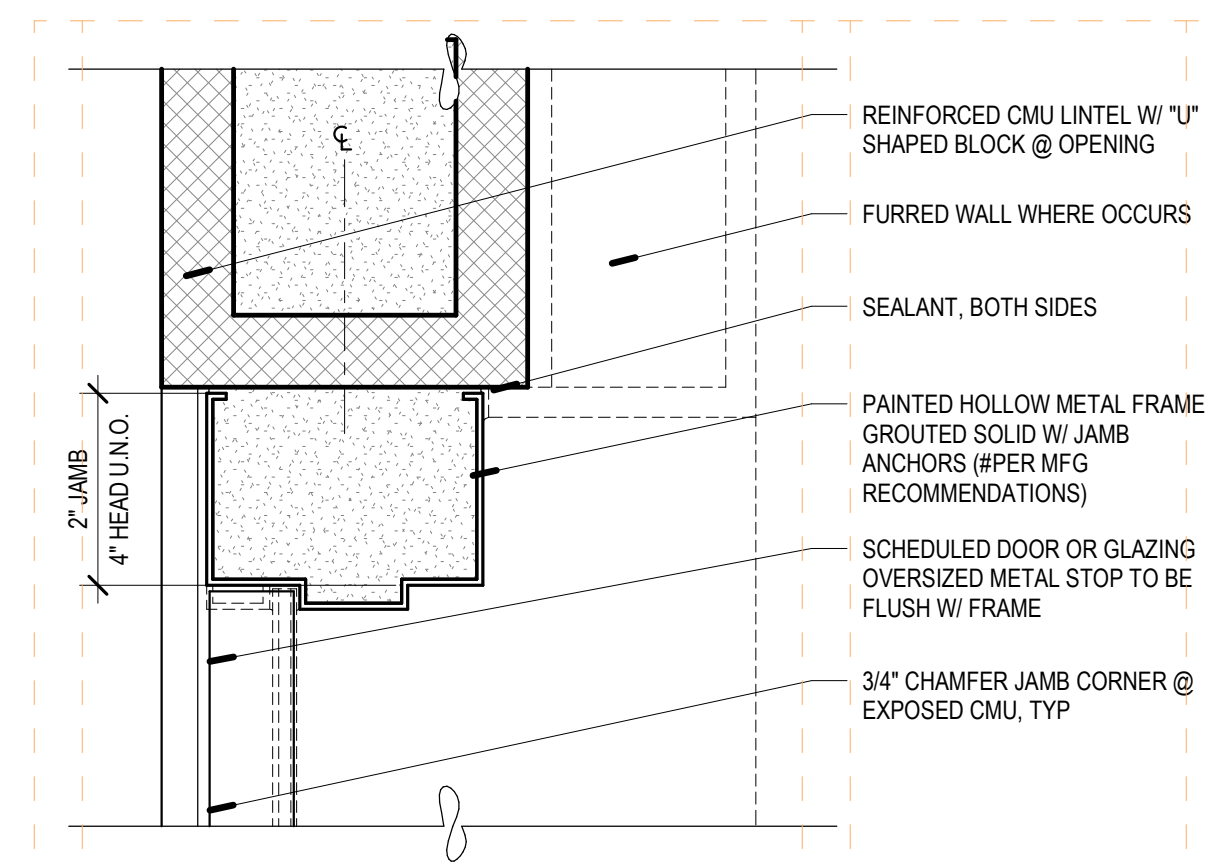


A1 VENTWOOD PANEL DIMENSIONS
SCALE: 1 1/2" = 1'-0"

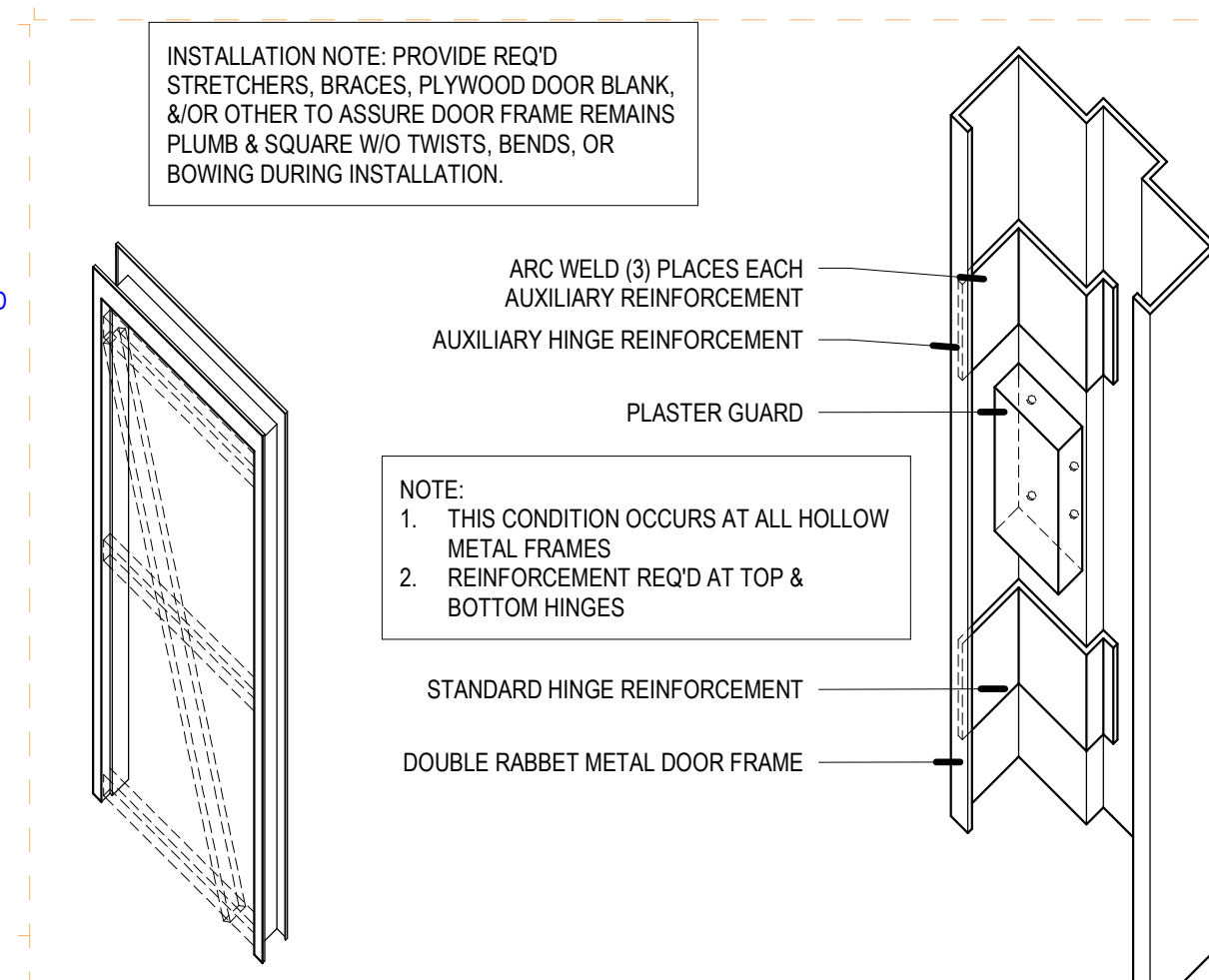


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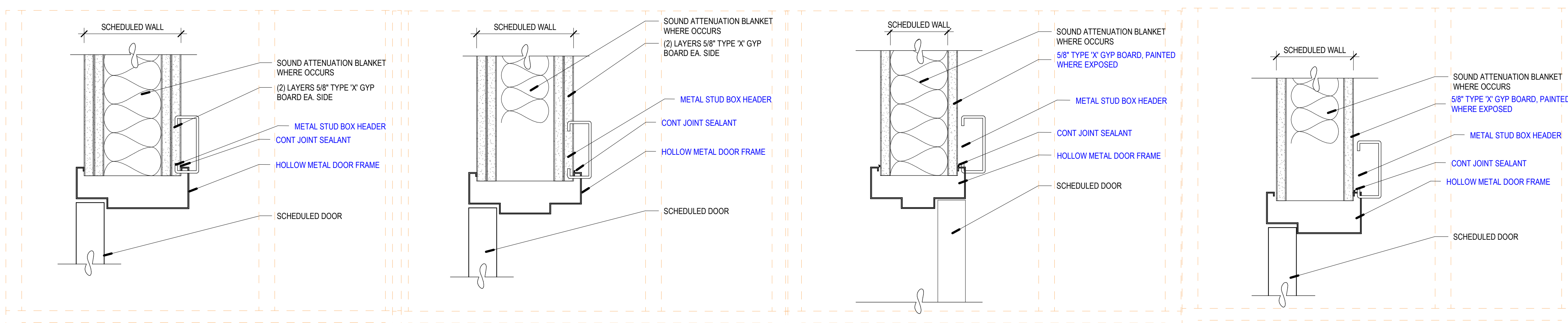
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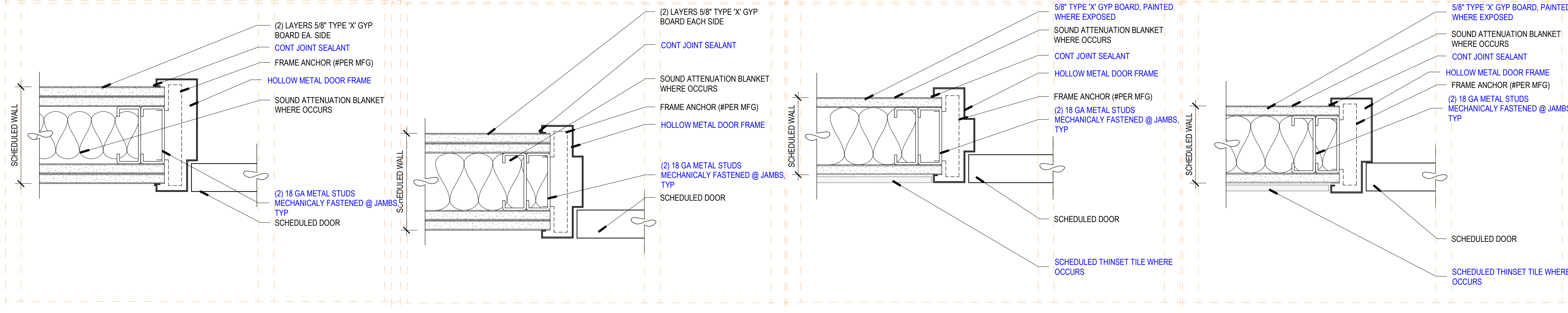
C6 HM DOOR OR WINDOW - HEAD - CMU WALL
SCALE: 3" = 1'-0"



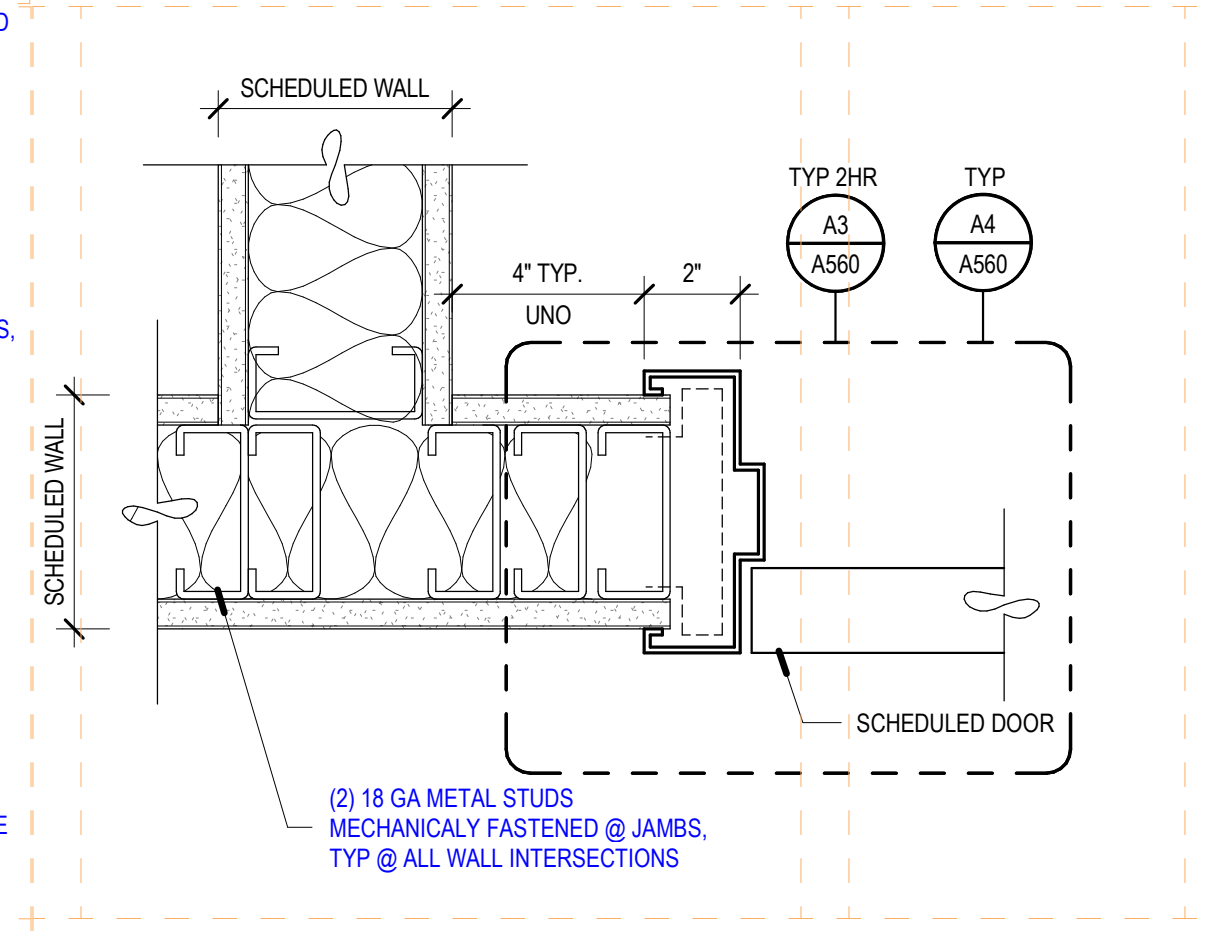
B6 HM FRAME - TYP
SCALE: NOT TO SCALE



B2 HM DOOR HEAD @ 2 HR WALL (UL#419) SCALE: 3" = 1'-0"
B3 HM DOOR - HEAD - 2 HR WALL (UL#419) SCALE: 3" = 1'-0"
B4 HM DOOR - HEAD SCALE: 3" = 1'-0"
B5 HM DOOR HEAD SCALE: 3" = 1'-0"



A2 HM DOOR JAMB @ 2 HR WALL (UL#419) SCALE: 3" = 1'-0"
A3 HM DOOR - JAMB - 2 HR WALL (UL#419) SCALE: 3" = 1'-0"
A4 HM DOOR - JAMB SCALE: 3" = 1'-0"
A5 HM DOOR JAMB SCALE: 3" = 1'-0"

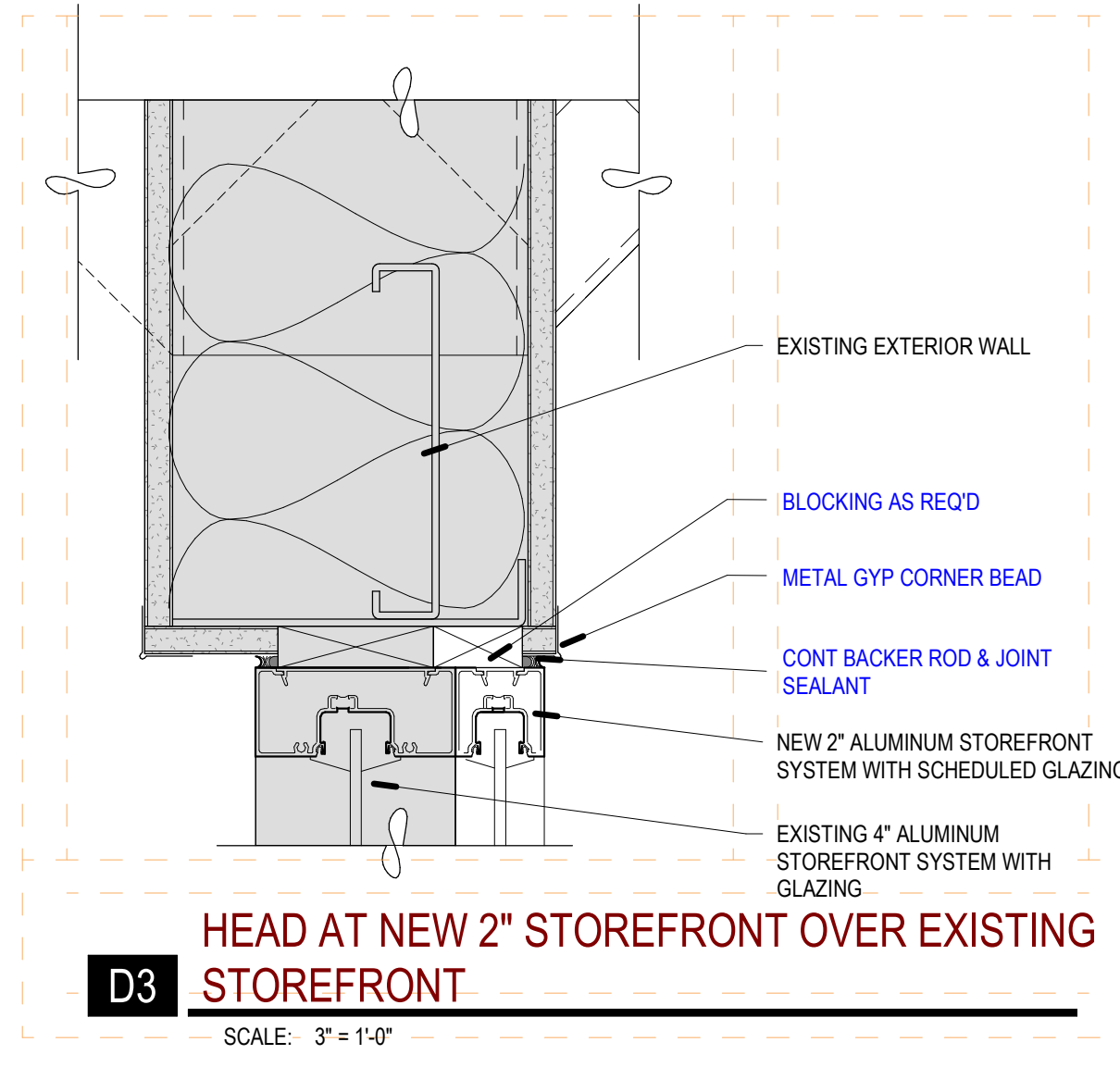


A6 HM DOOR - CORNER JAMB SCALE: 3" = 1'-0"

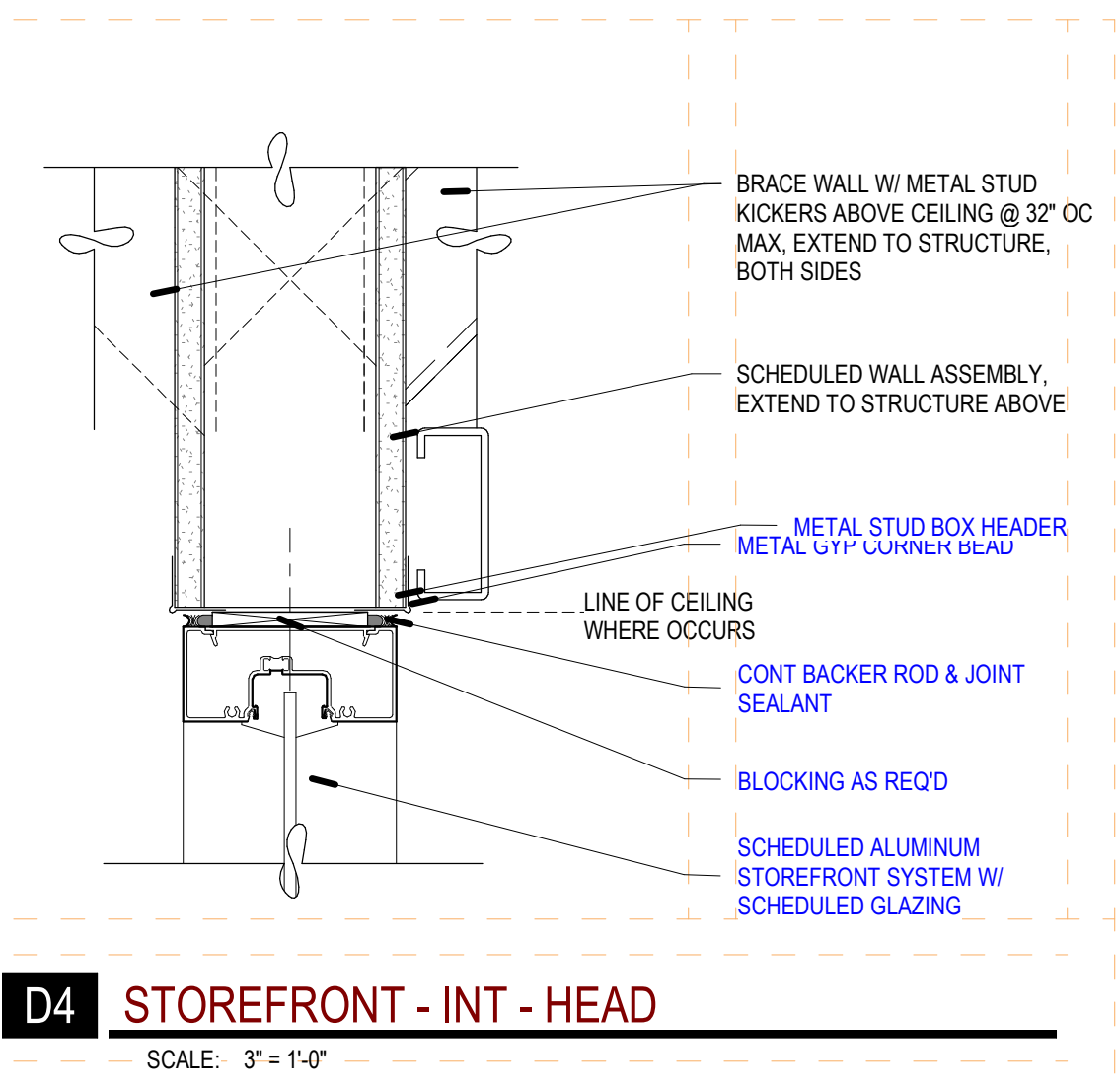


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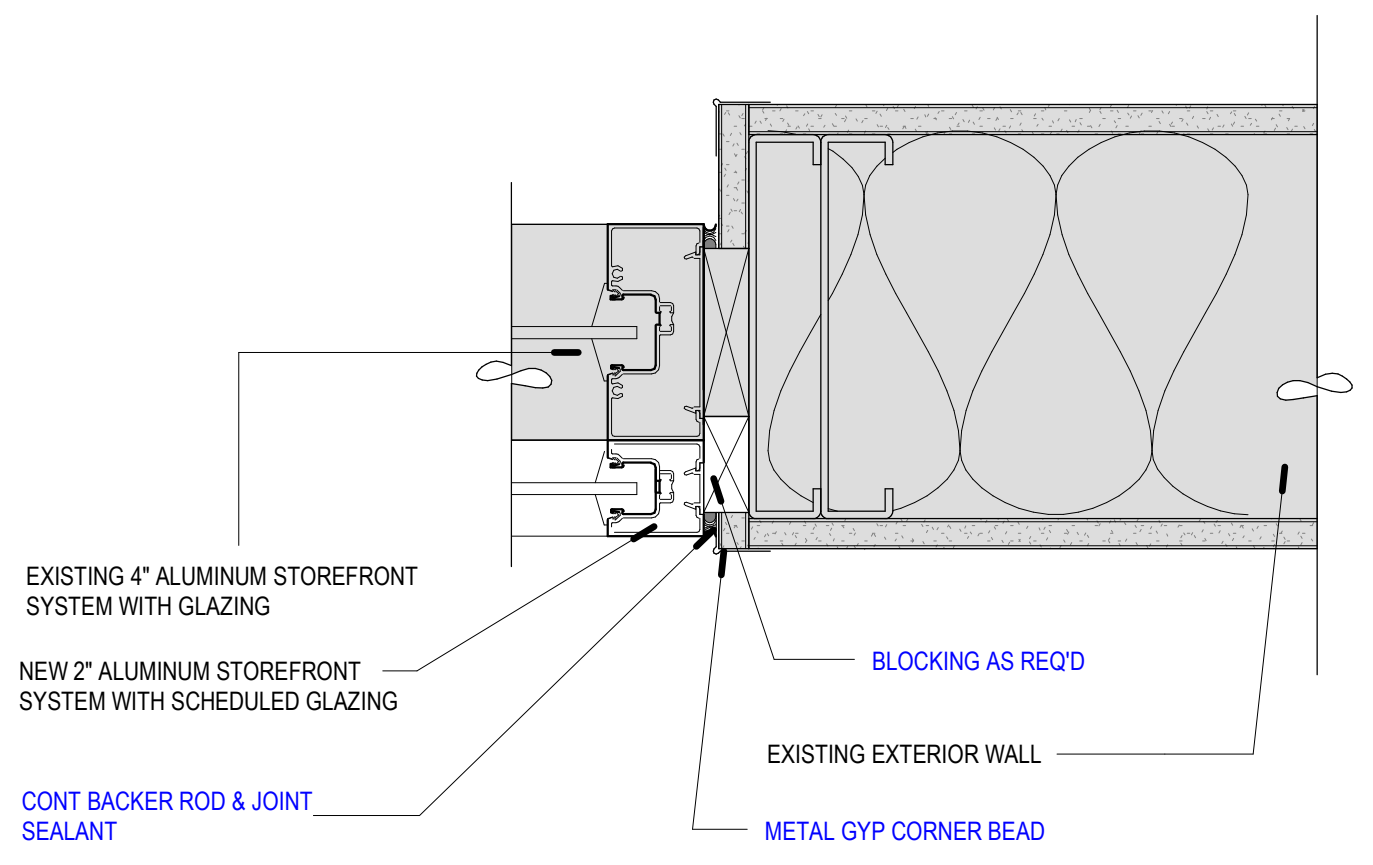
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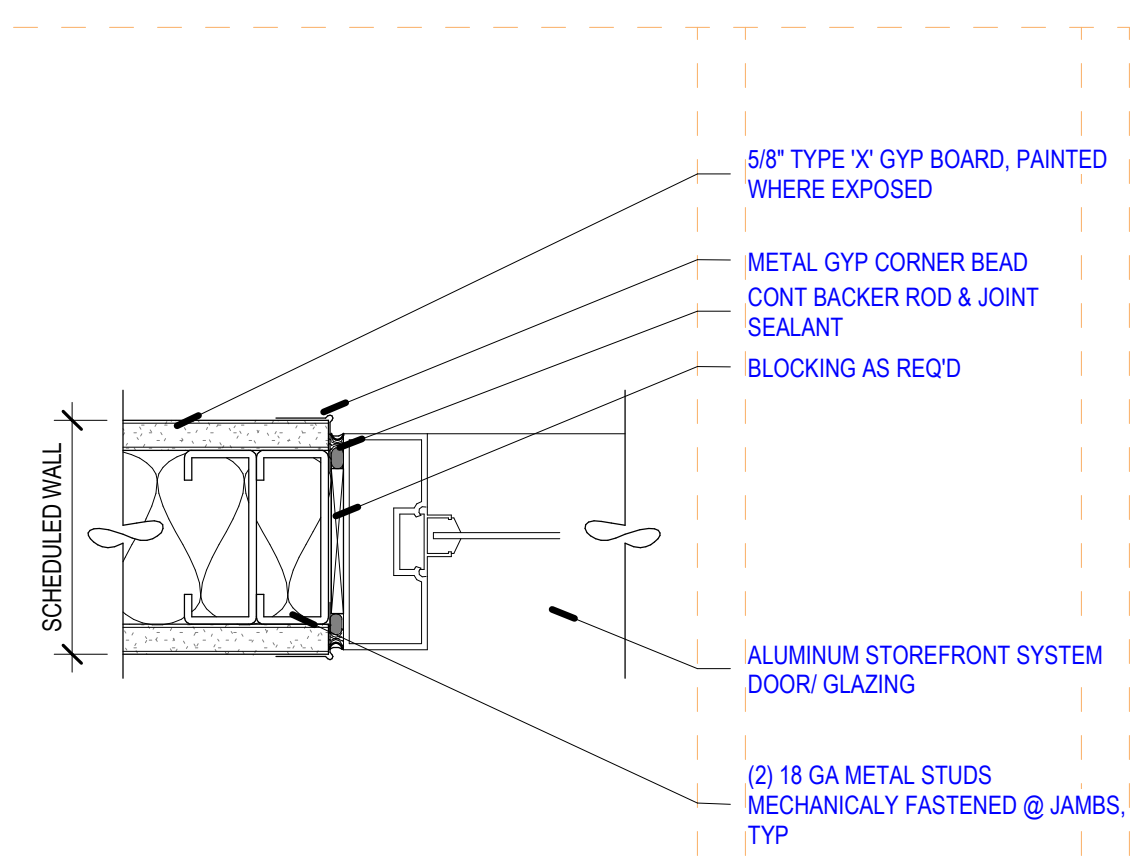
D3 HEAD AT NEW 2" STOREFRONT OVER EXISTING STOREFRONT
SCALE: 3" = 1'-0"



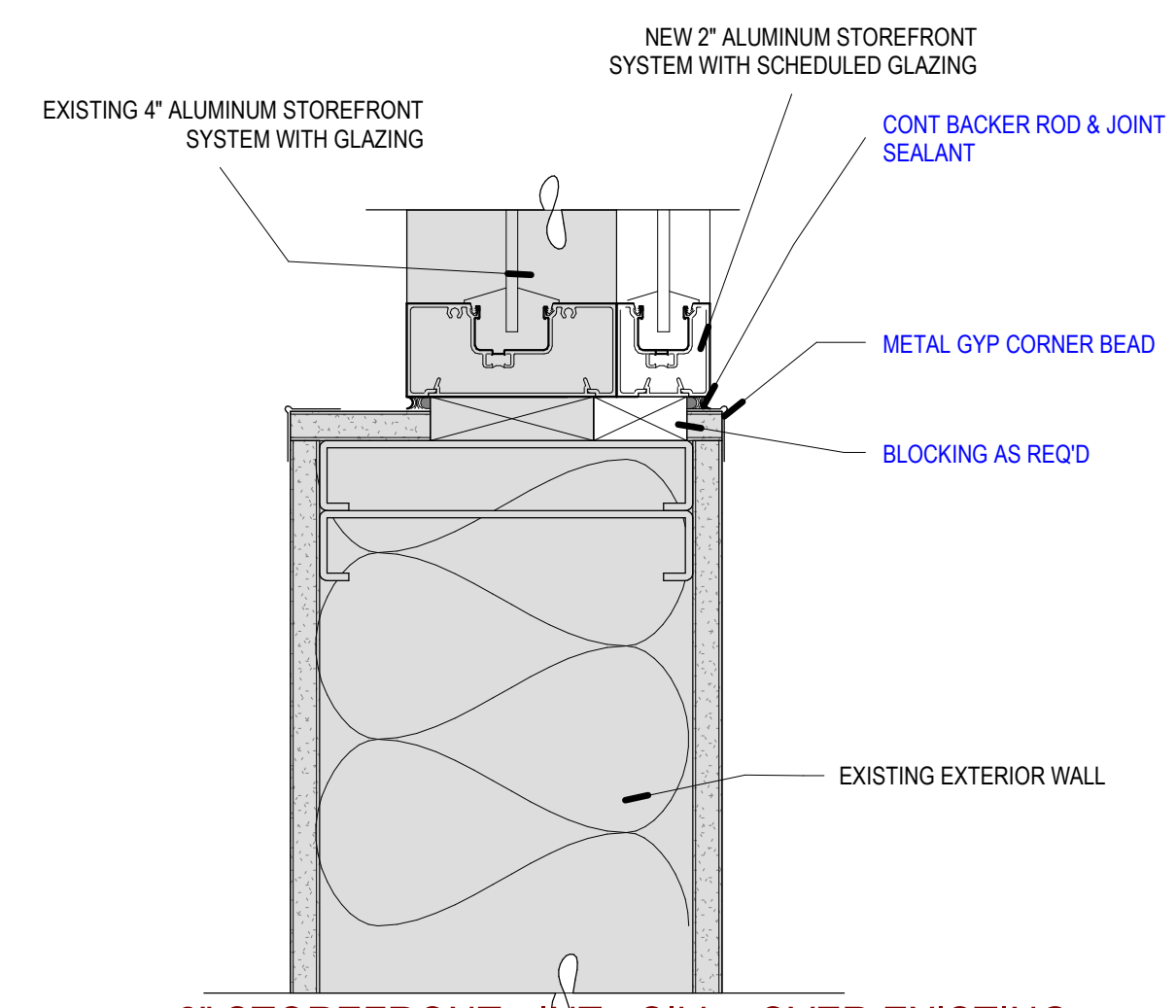
D4 STOREFRONT - INT - HEAD
SCALE: 3" = 1'-0"



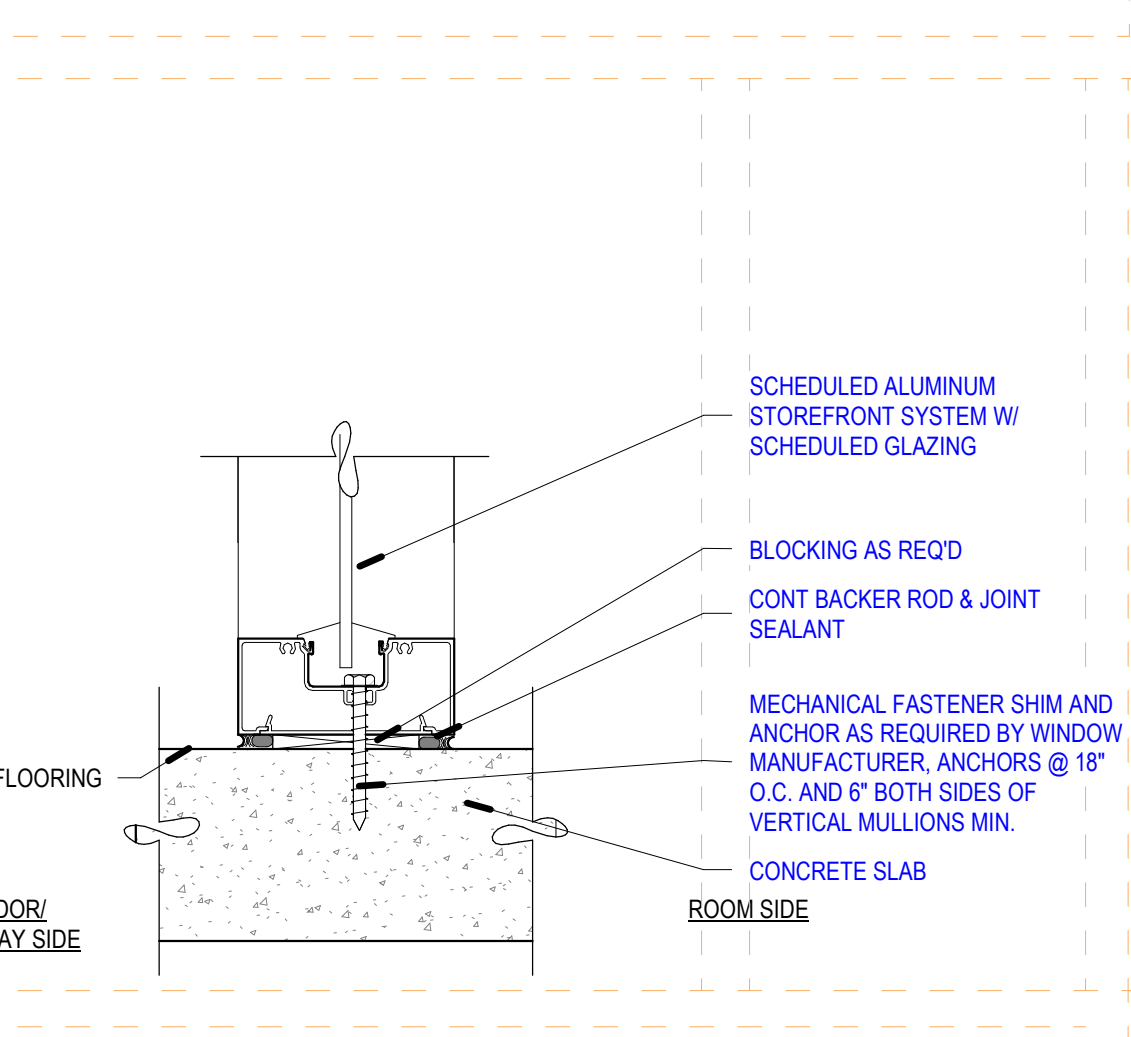
C3 2" STOREFRONT - INT - JAMB - OVER EXISTING STOREFRONT
SCALE: 3" = 1'-0"



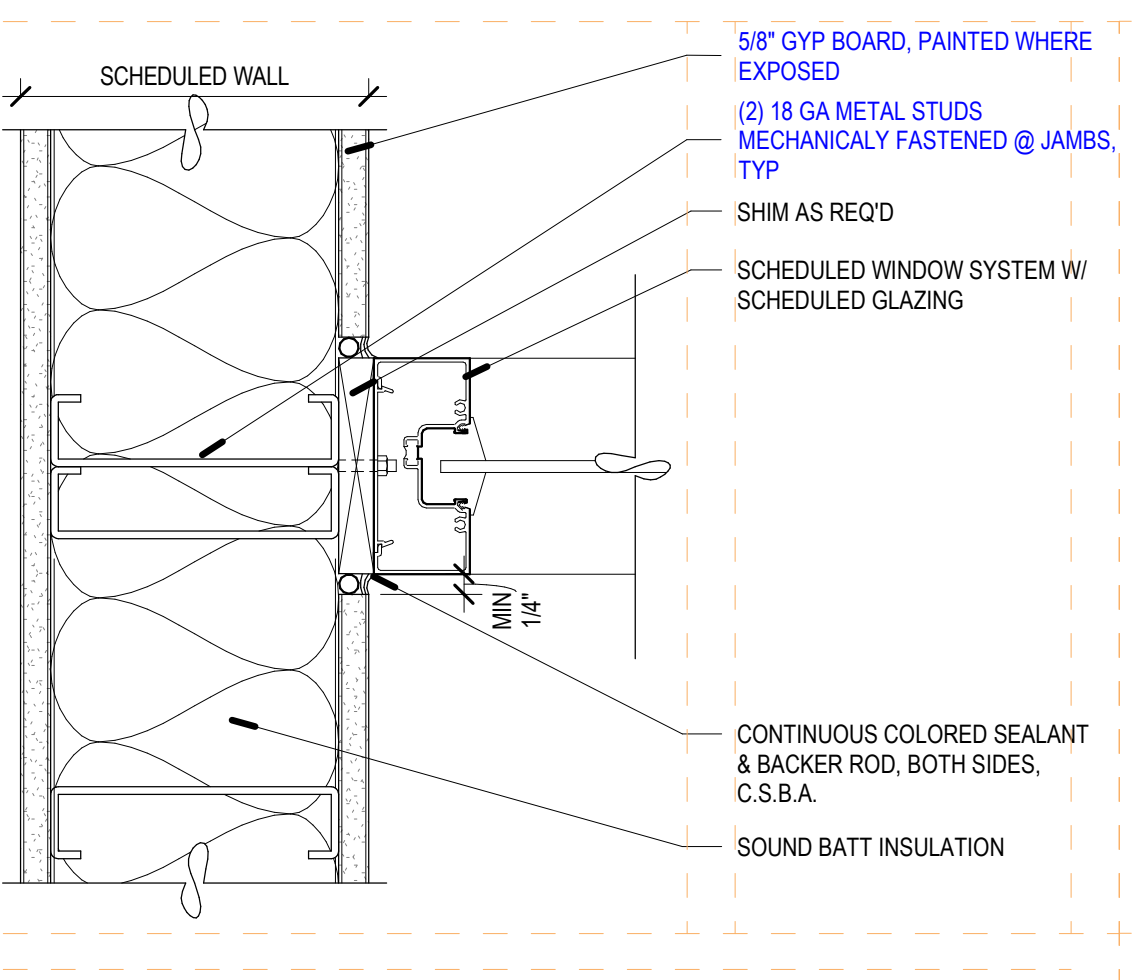
C4 STOREFRONT - INT - JAMB
SCALE: 3" = 1'-0"



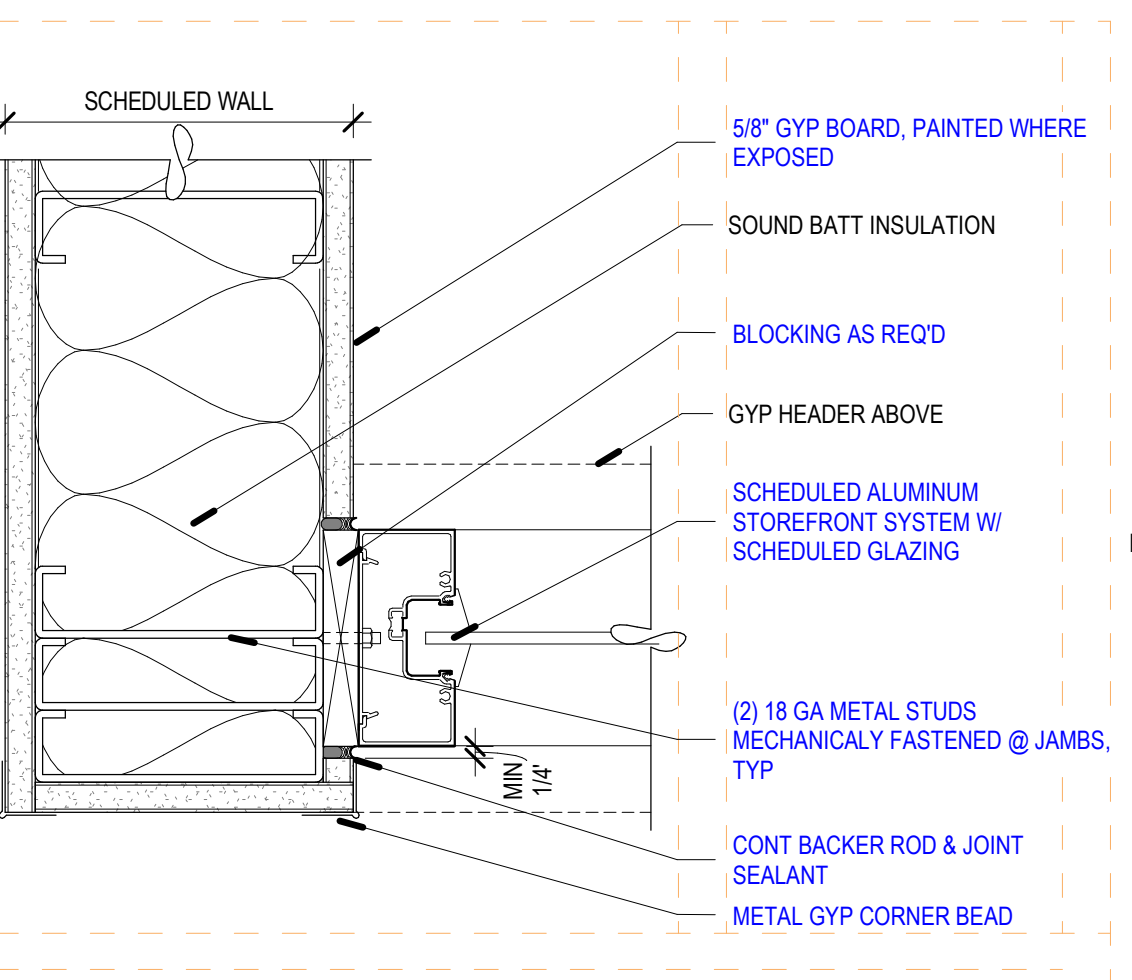
B3 2" STOREFRONT - INT - SILL - OVER EXISTING STOREFRONT
SCALE: 3" = 1'-0"



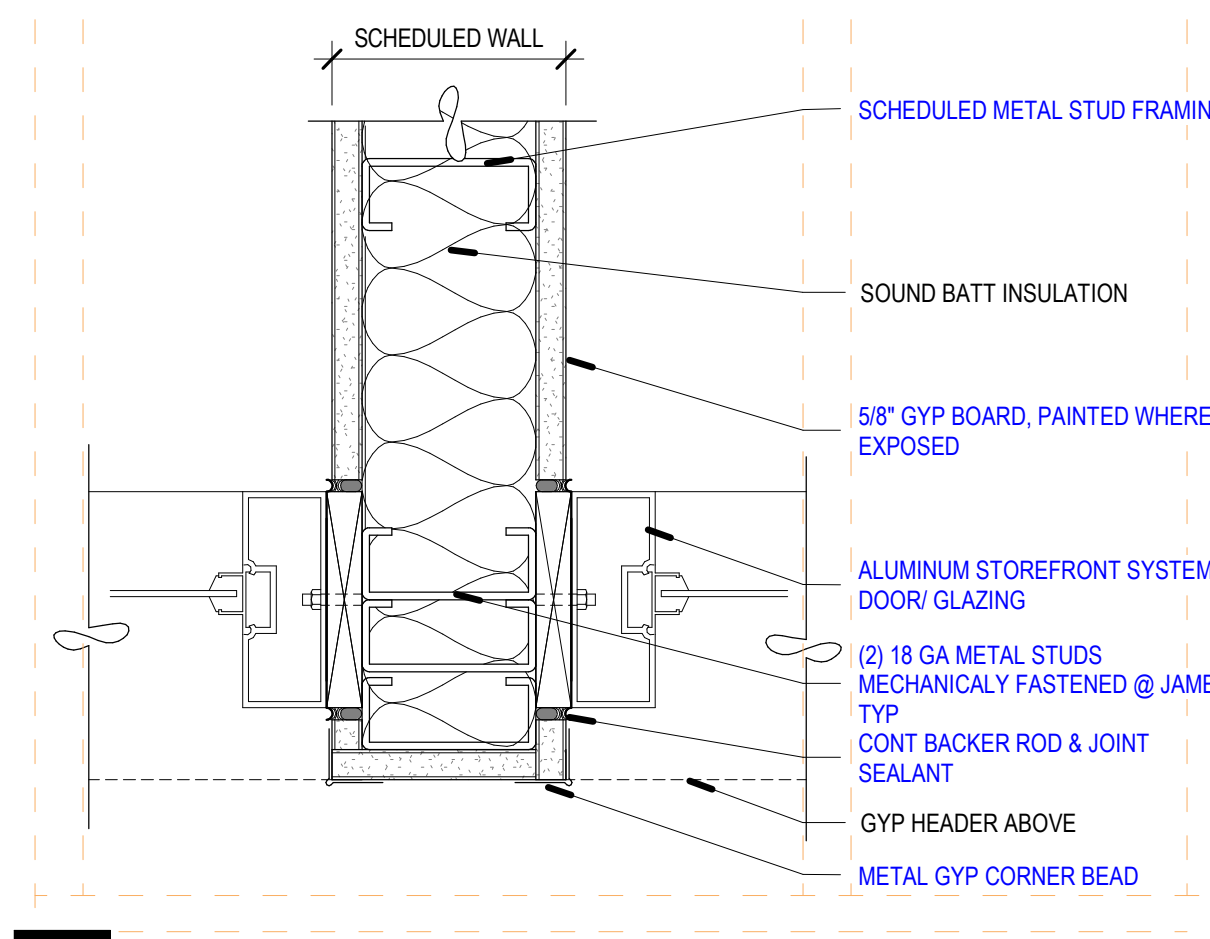
B4 STOREFRONT - INT - SILL - SLAB
SCALE: 3" = 1'-0"



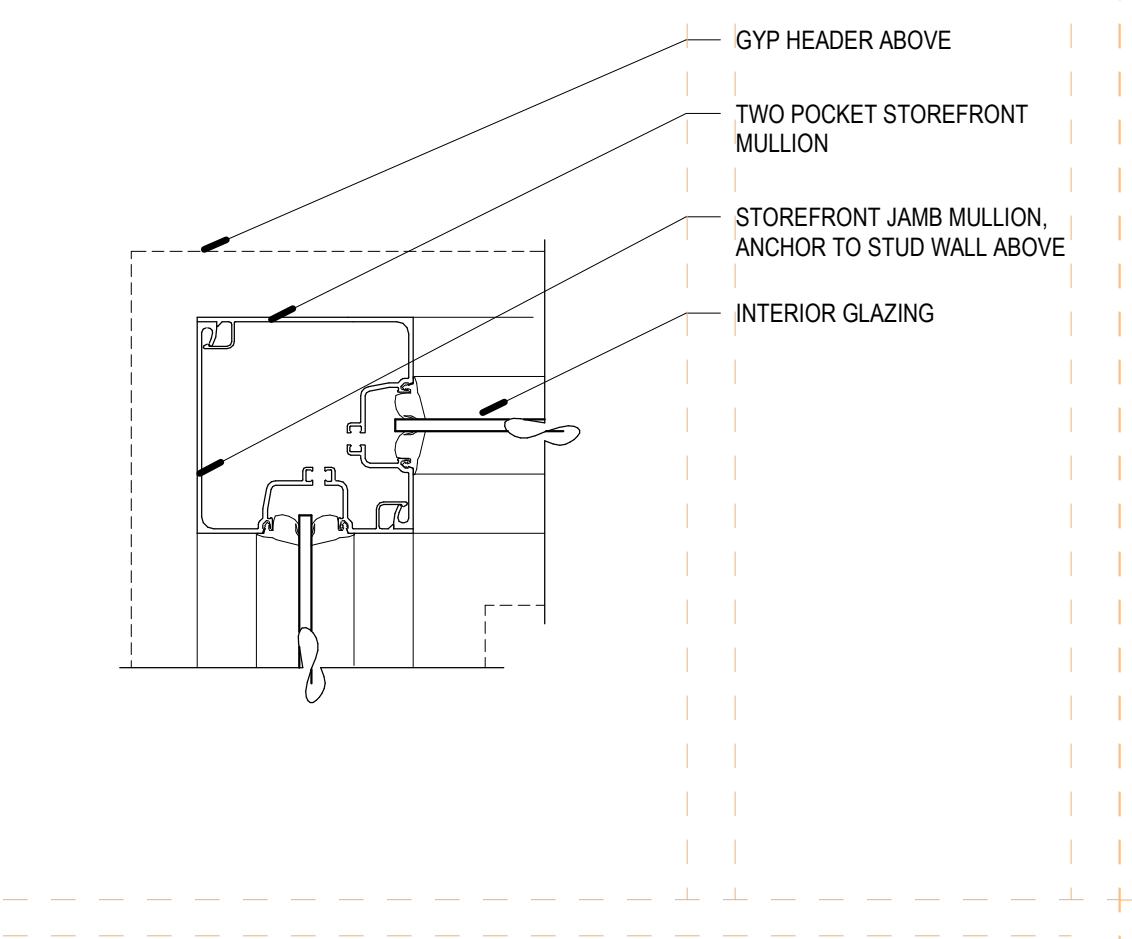
B5 STOREFRONT - INT - JAMB - PERP TO WALL
SCALE: 3" = 1'-0"



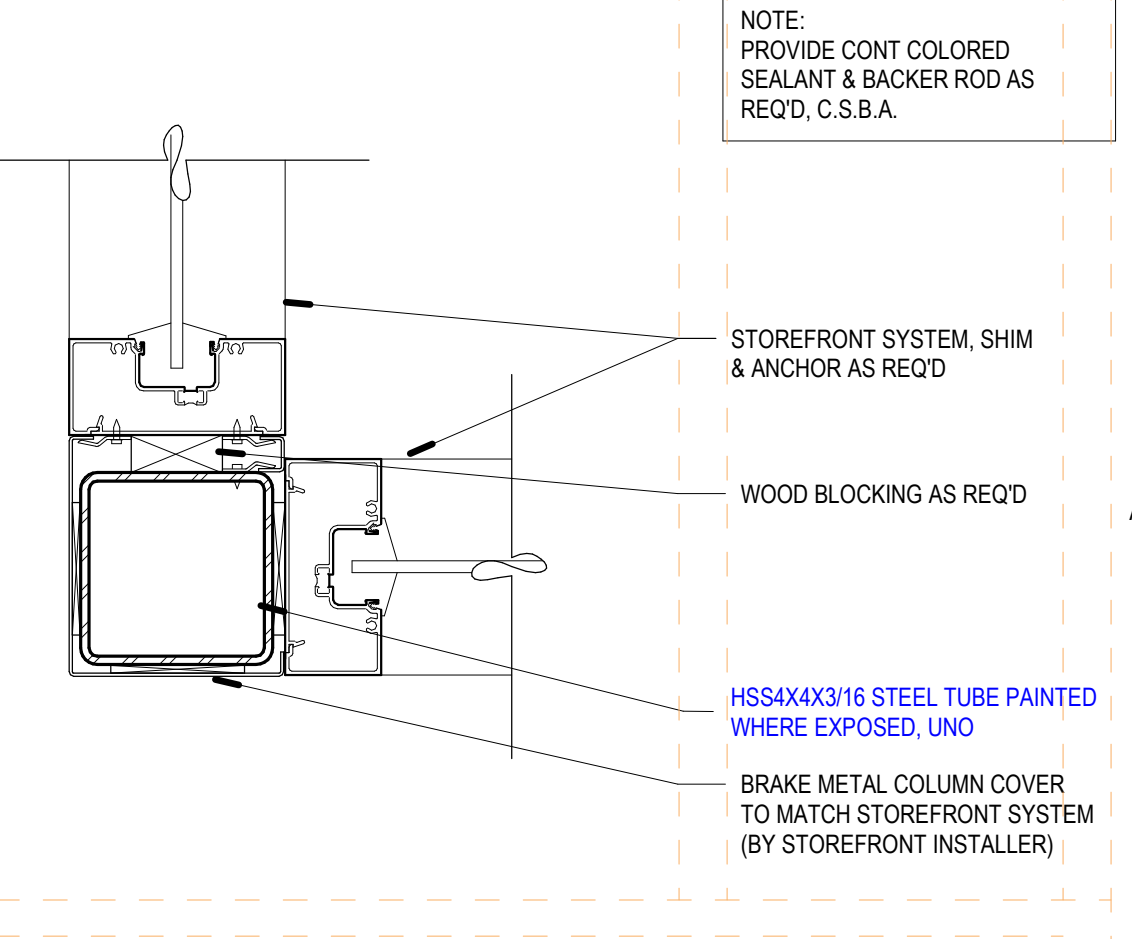
B6 STOREFRONT - INT - HEAD - WALL TERMINATION
SCALE: 3" = 1'-0"



A3 STOREFRONT - INT - HEAD - PENETRATING WALL
SCALE: 3" = 1'-0"



A5 STOREFRONT - JAMB - TWO POCKETS
SCALE: 3" = 1'-0"

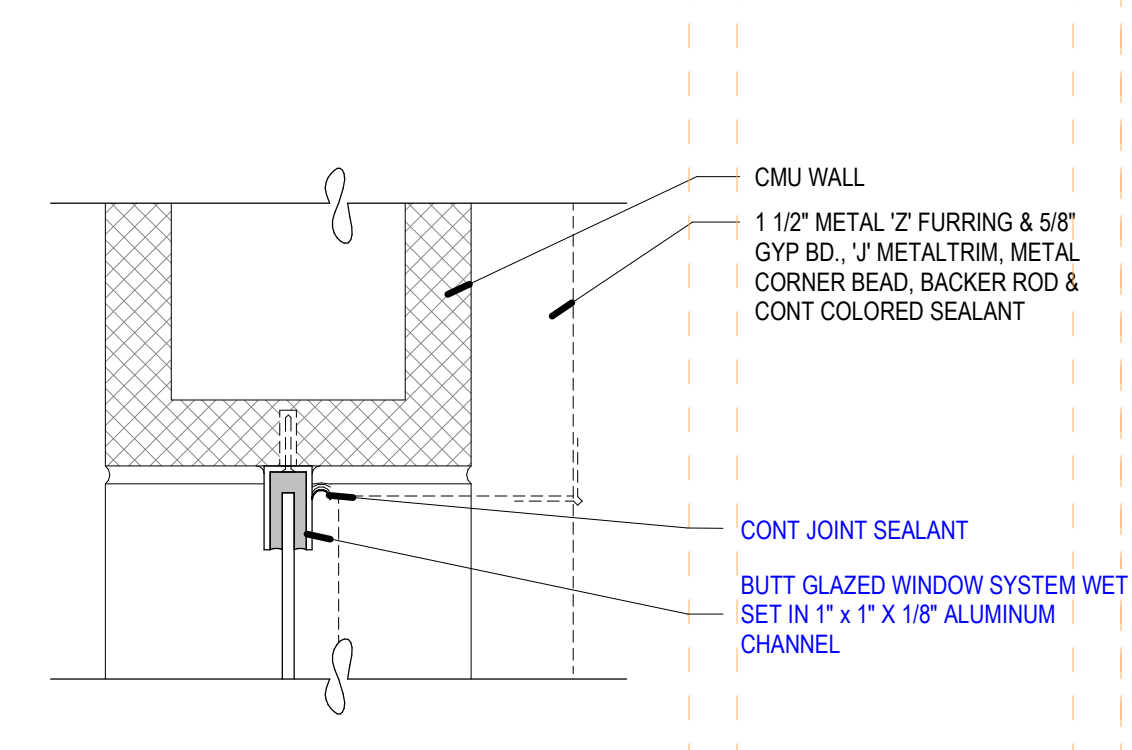


A6 STOREFRONT - JAMB - CORNER COLUMN
SCALE: 3" = 1'-0"

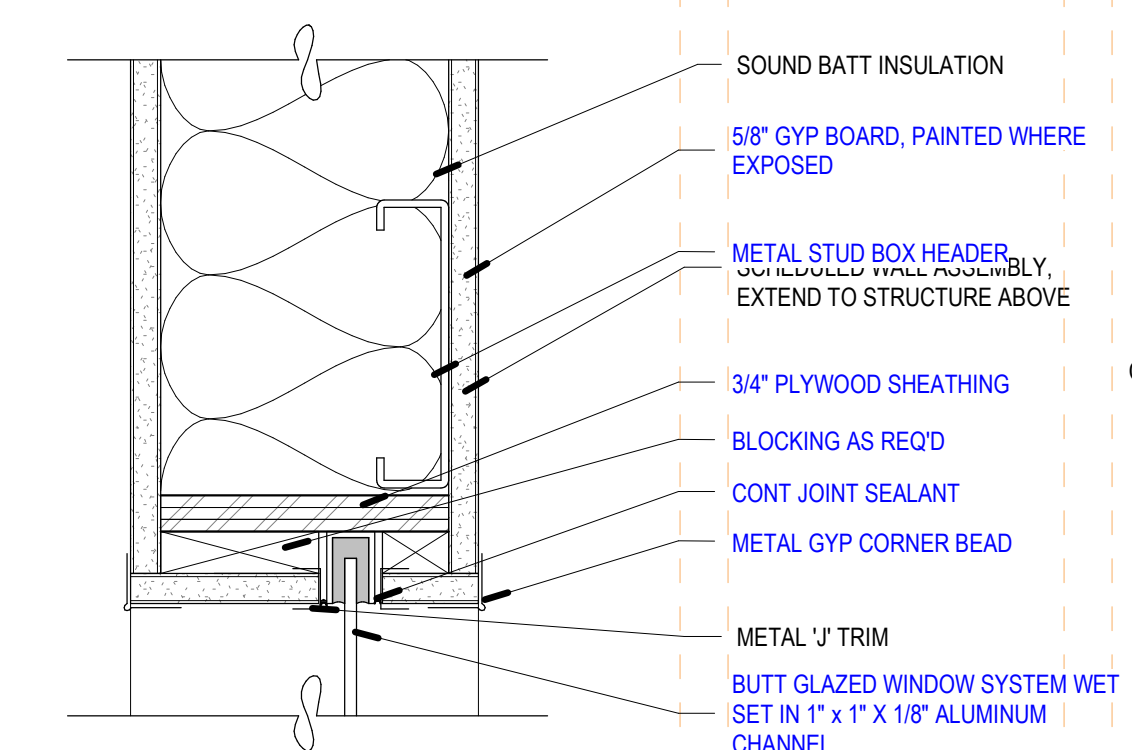


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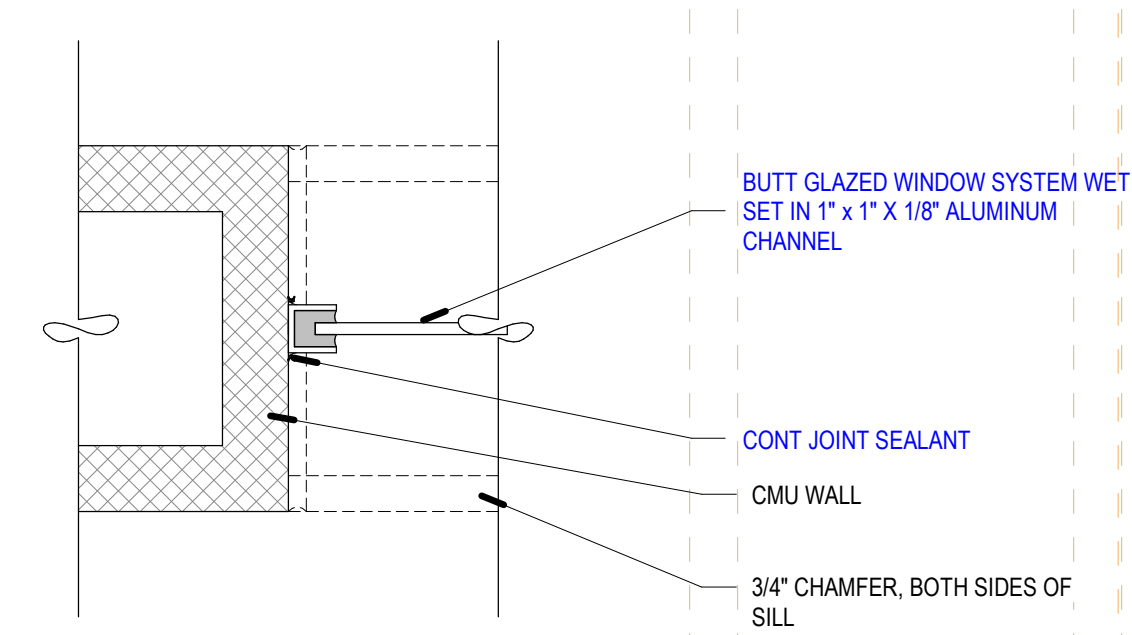
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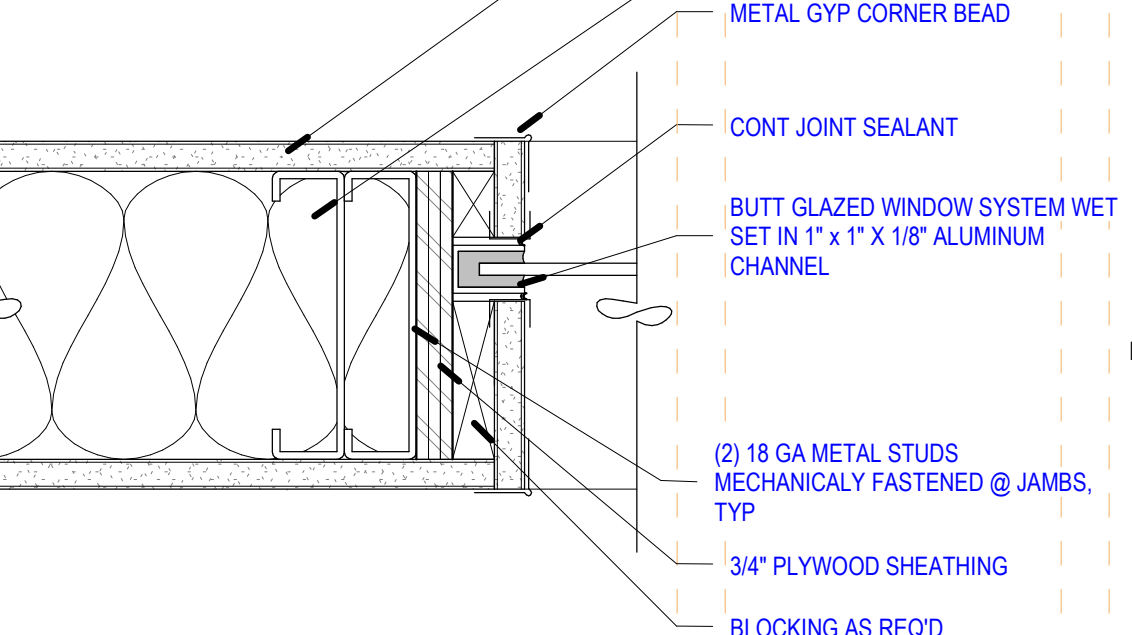
C5 BUTT GLAZE - HEAD - MASONRY
SCALE: 3" = 1'-0"



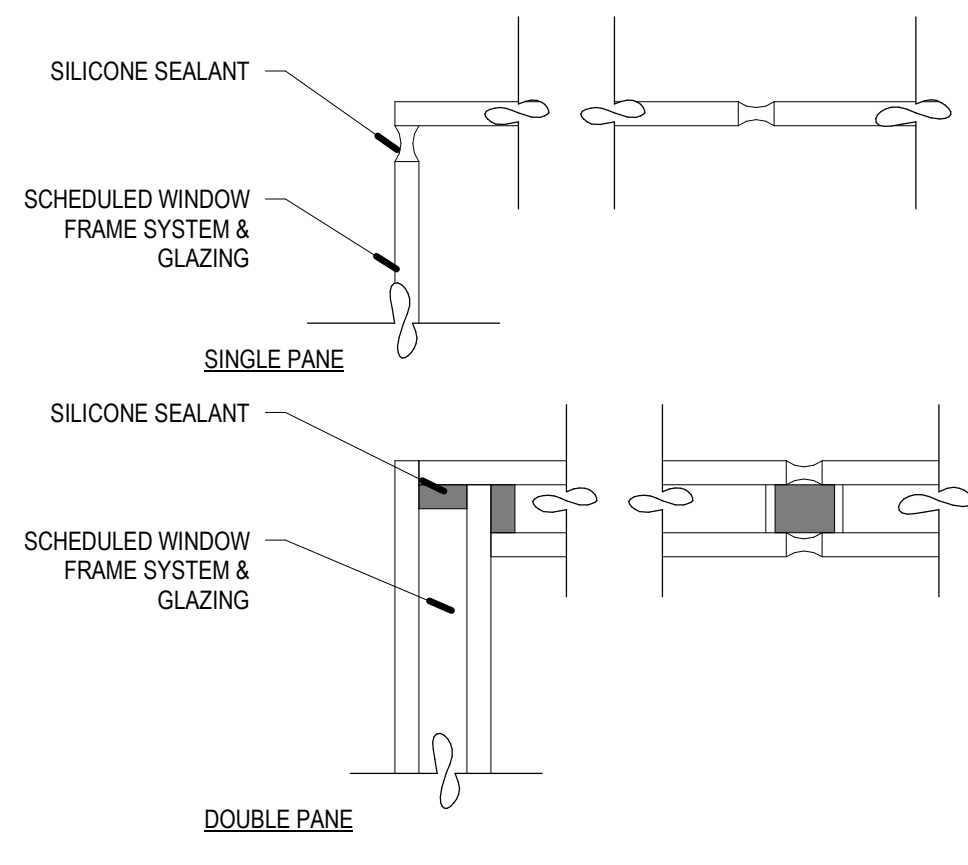
C6 BUTT GLAZE - HEAD - THIN ALUM FRAME
SCALE: 3" = 1'-0"



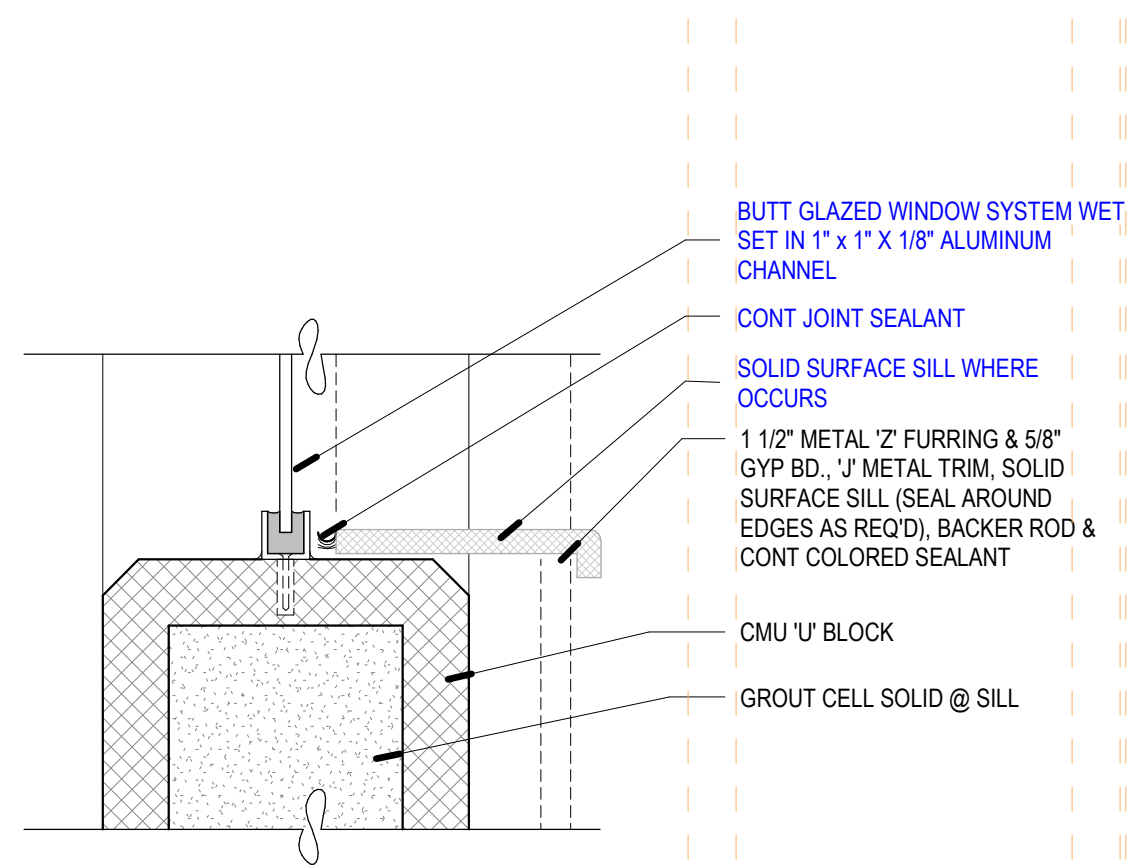
B5 BUTT GLAZE - JAMB - MASONRY
SCALE: 3" = 1'-0"



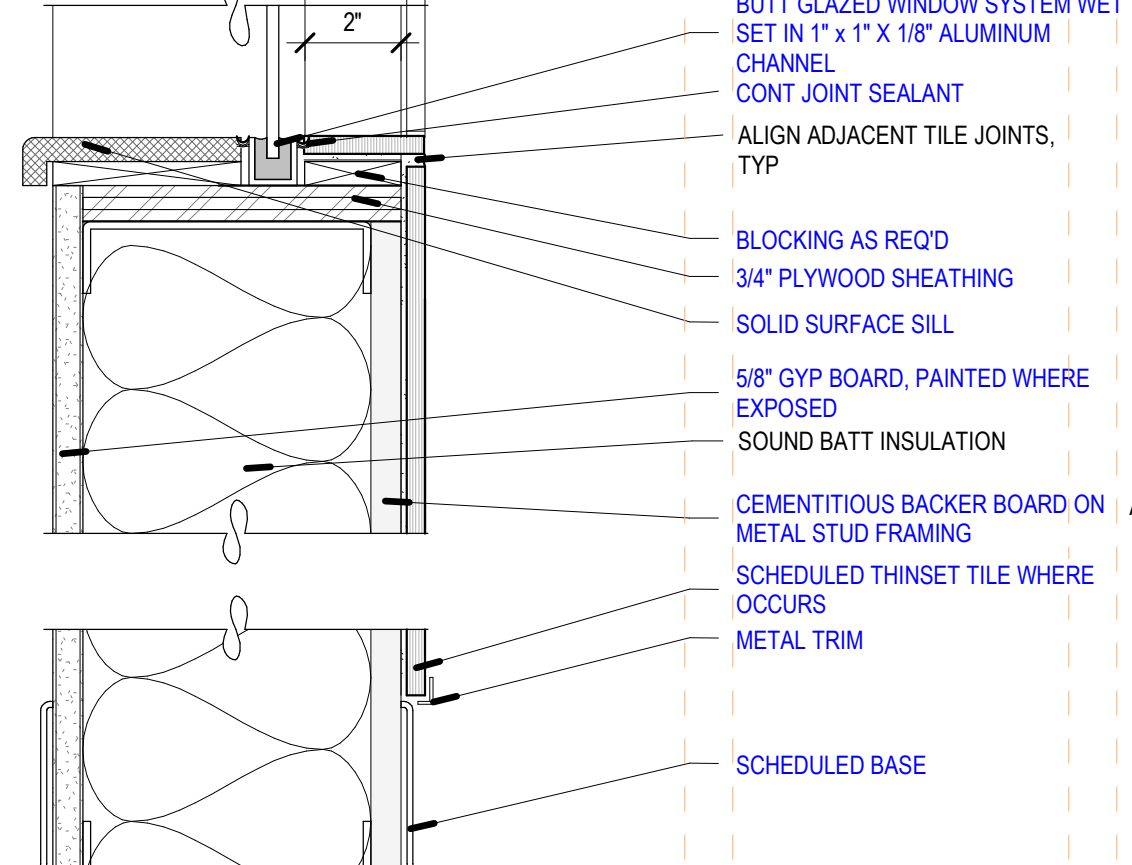
B6 BUTT GLAZE - JAMB - THIN ALUM FRAME
SCALE: 3" = 1'-0"



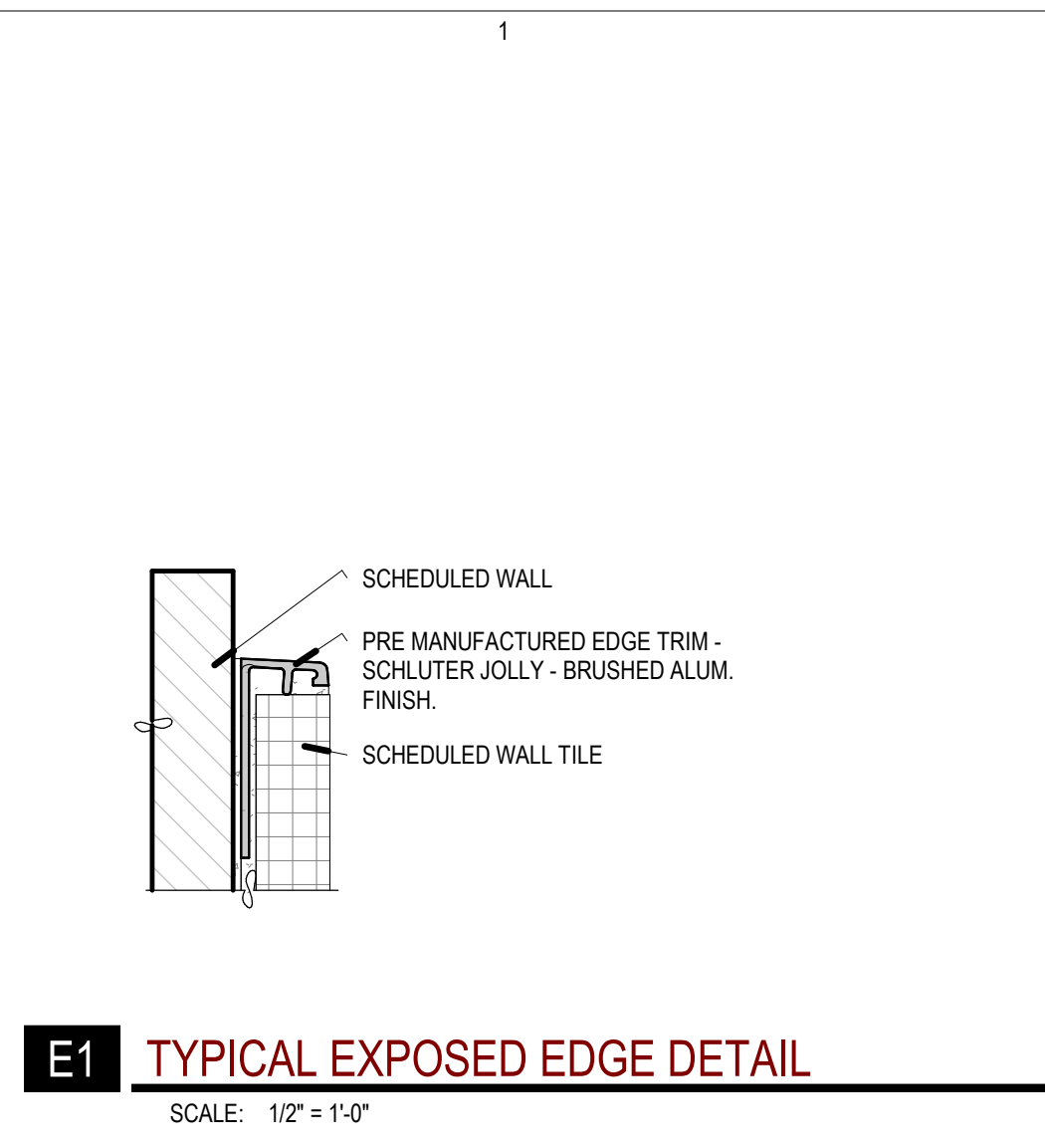
A4 BUTT GLAZE - JAMB - SEAL
SCALE: 6" = 1'-0"



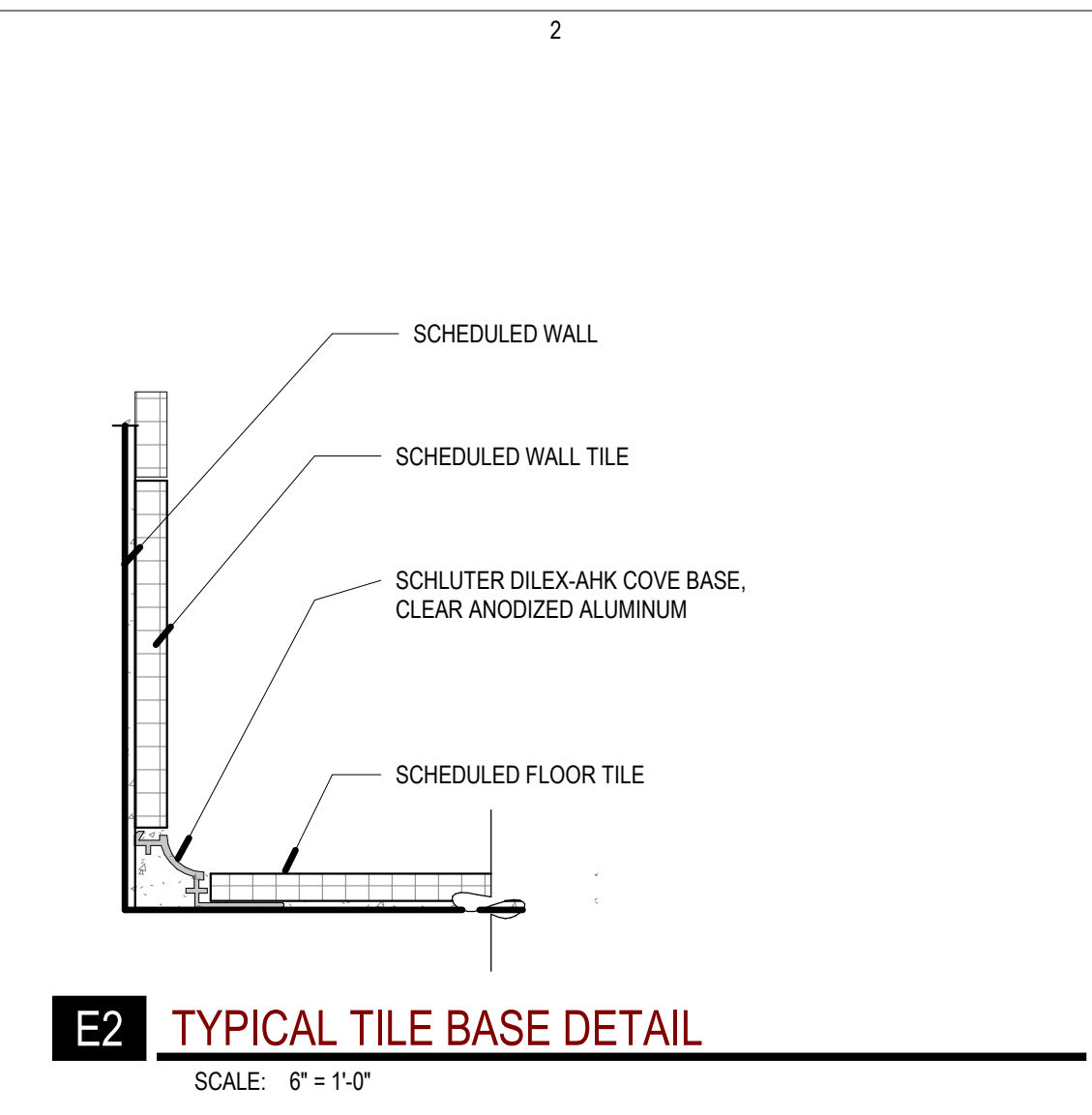
A5 BUTT GLAZE - SILL - MASONRY
SCALE: 3" = 1'-0"



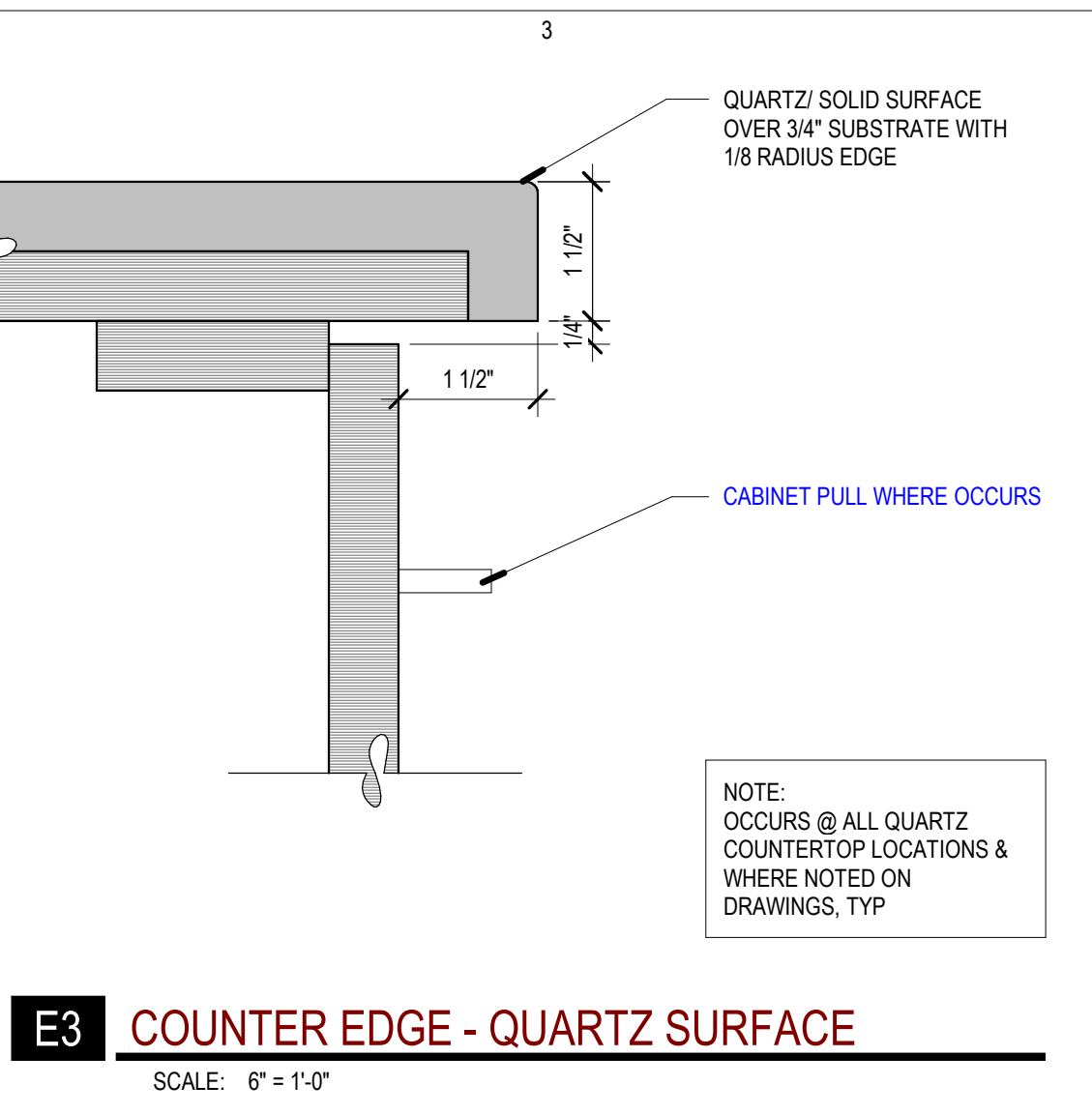
A6 BUTT GLAZE - SILL - THIN ALUM FRAME
SCALE: 3" = 1'-0"



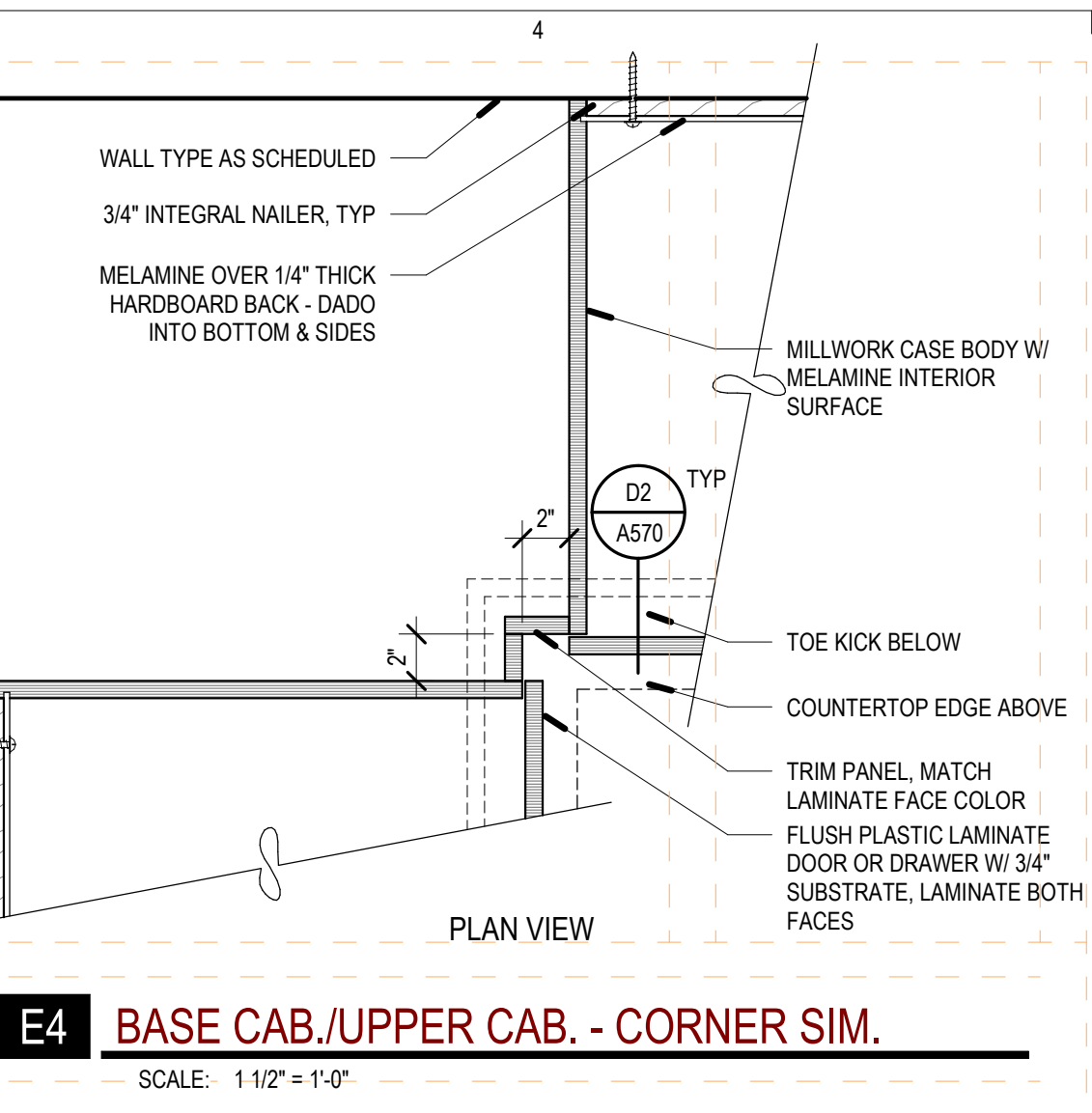
E1 TYPICAL EXPOSED EDGE DETAIL
SCALE: 1/2" = 1'-0"



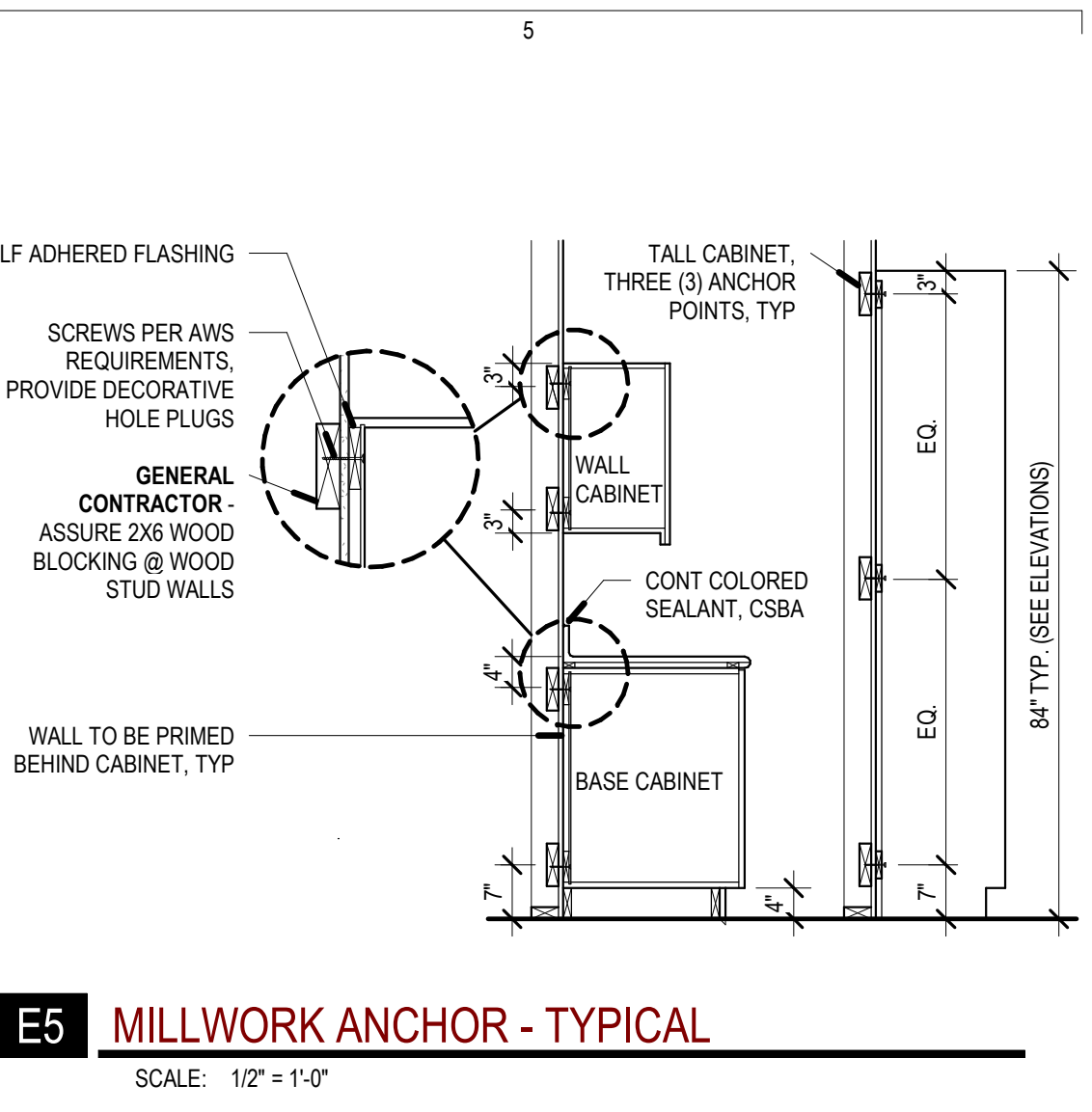
E2 TYPICAL TILE BASE DETAIL
SCALE: 6" = 1'-0"



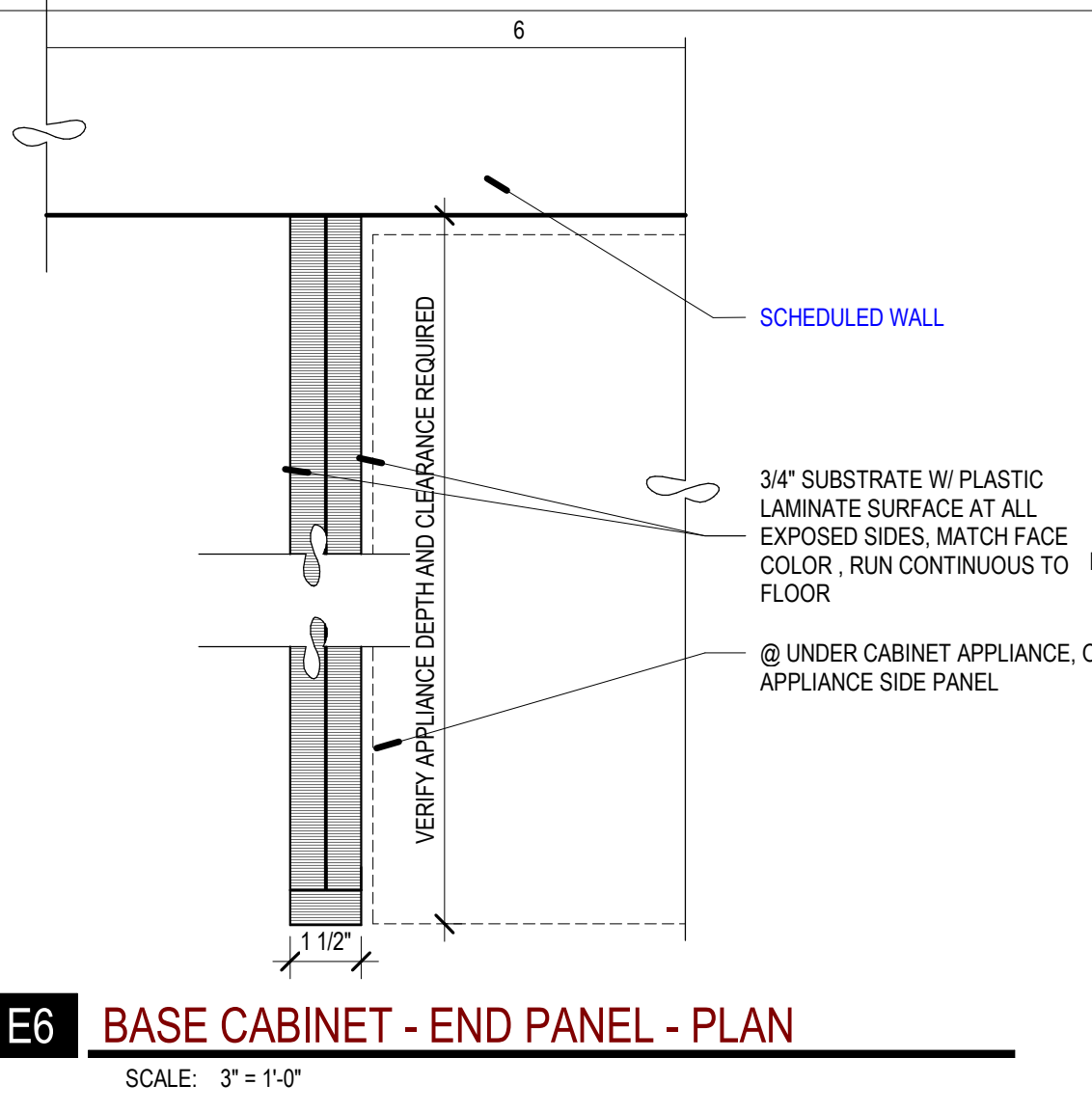
E3 COUNTER EDGE - QUARTZ SURFACE
SCALE: 6" = 1'-0"



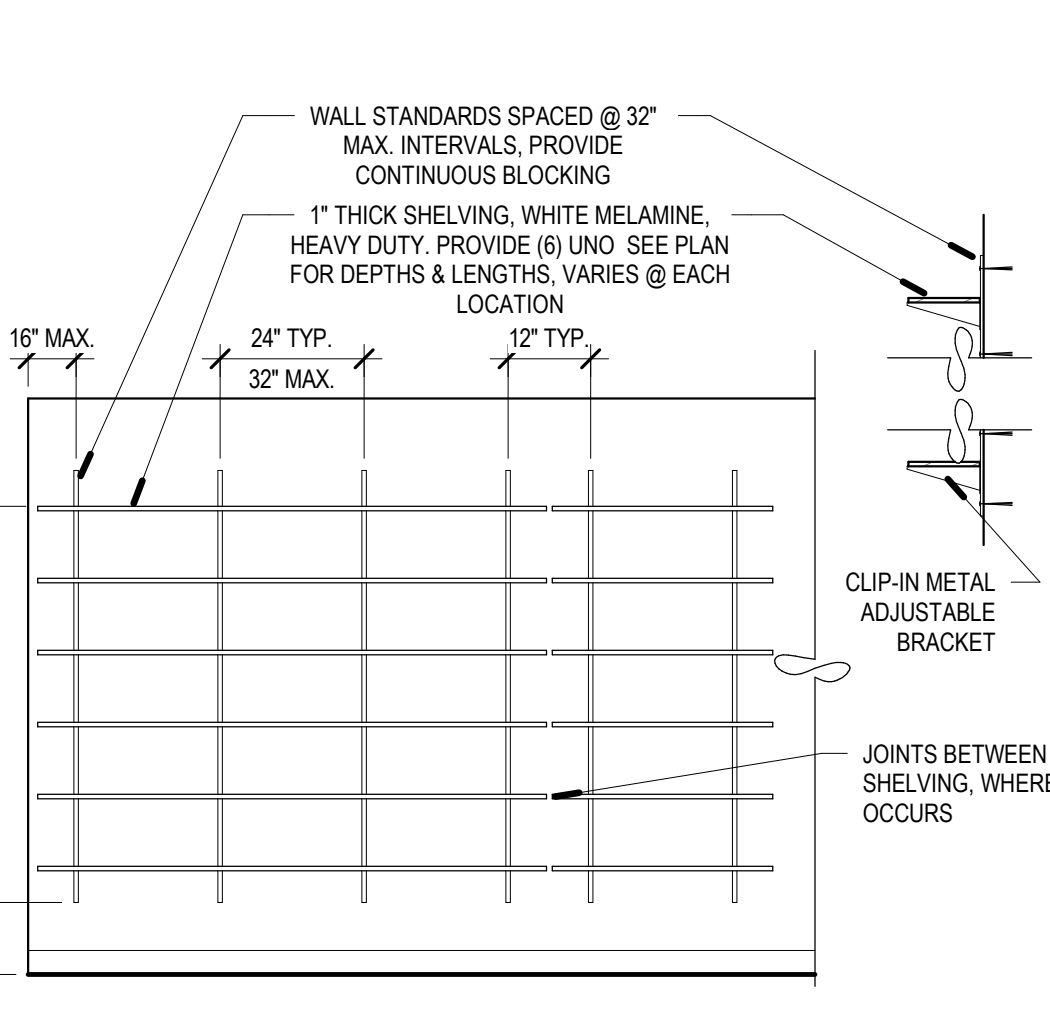
E4 BASE CAB./UPPER CAB. - CORNER SIM.
SCALE: 1 1/2" = 1'-0"



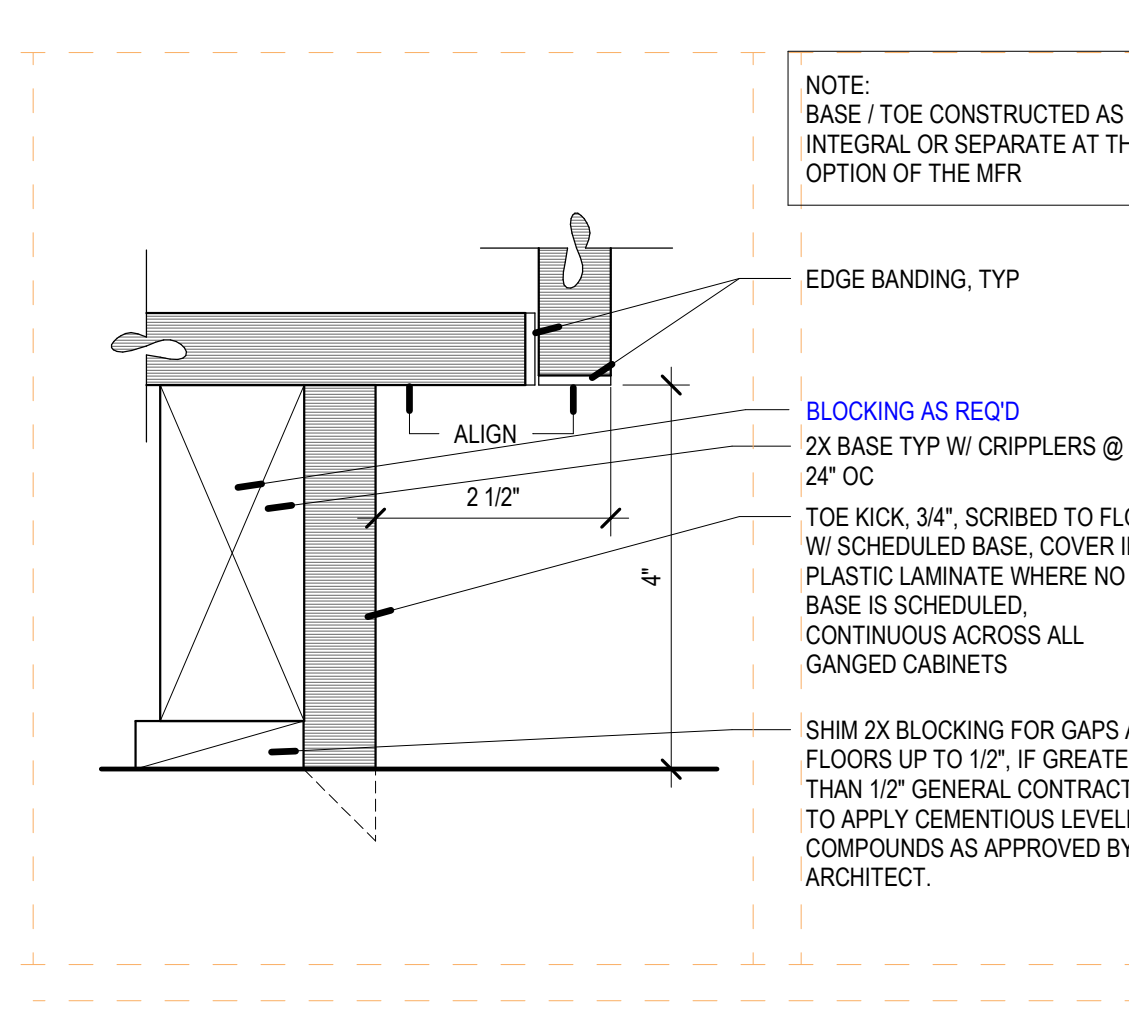
E5 MILLWORK ANCHOR - TYPICAL
SCALE: 1/2" = 1'-0"



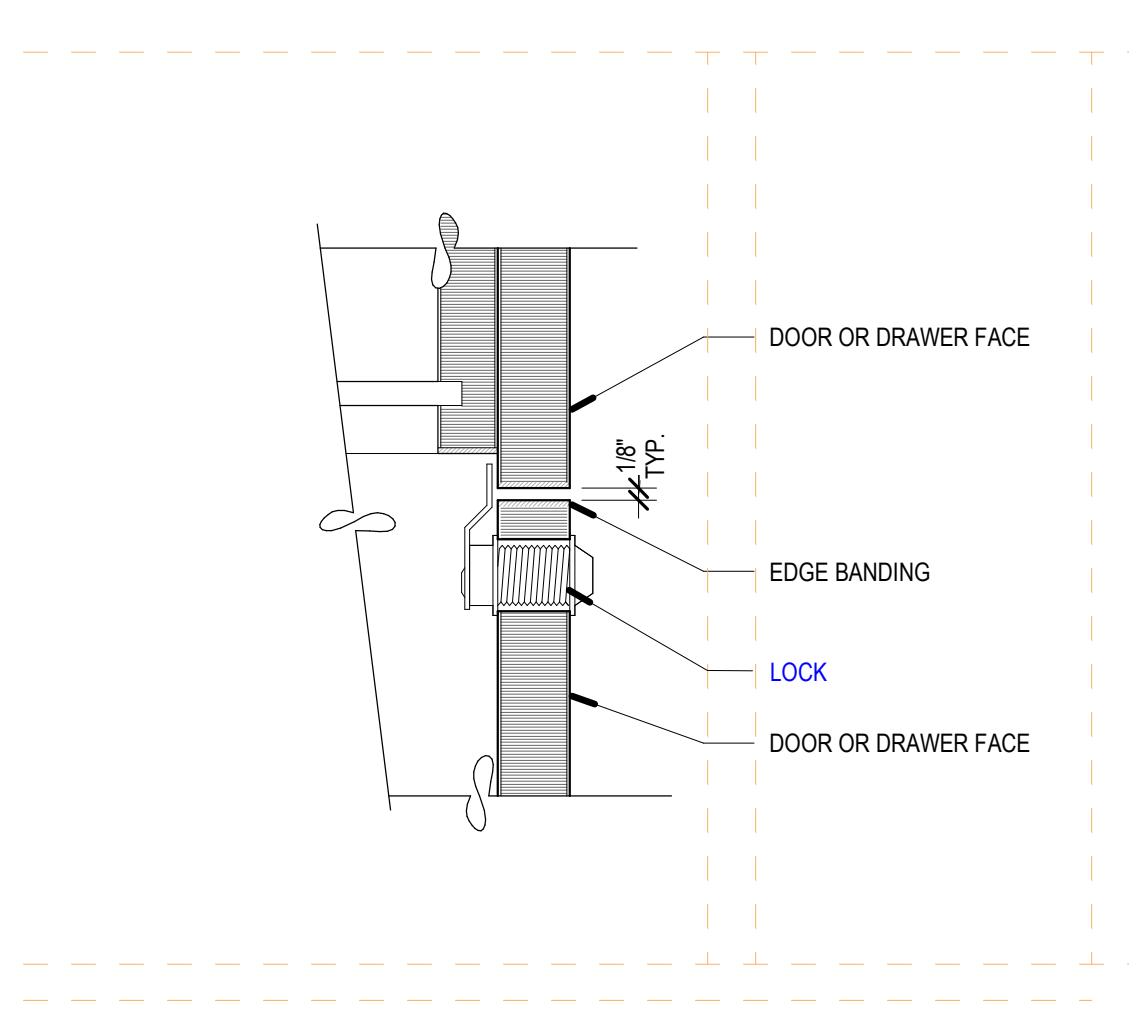
E6 BASE CABINET - END PANEL - PLAN
SCALE: 3" = 1'-0"



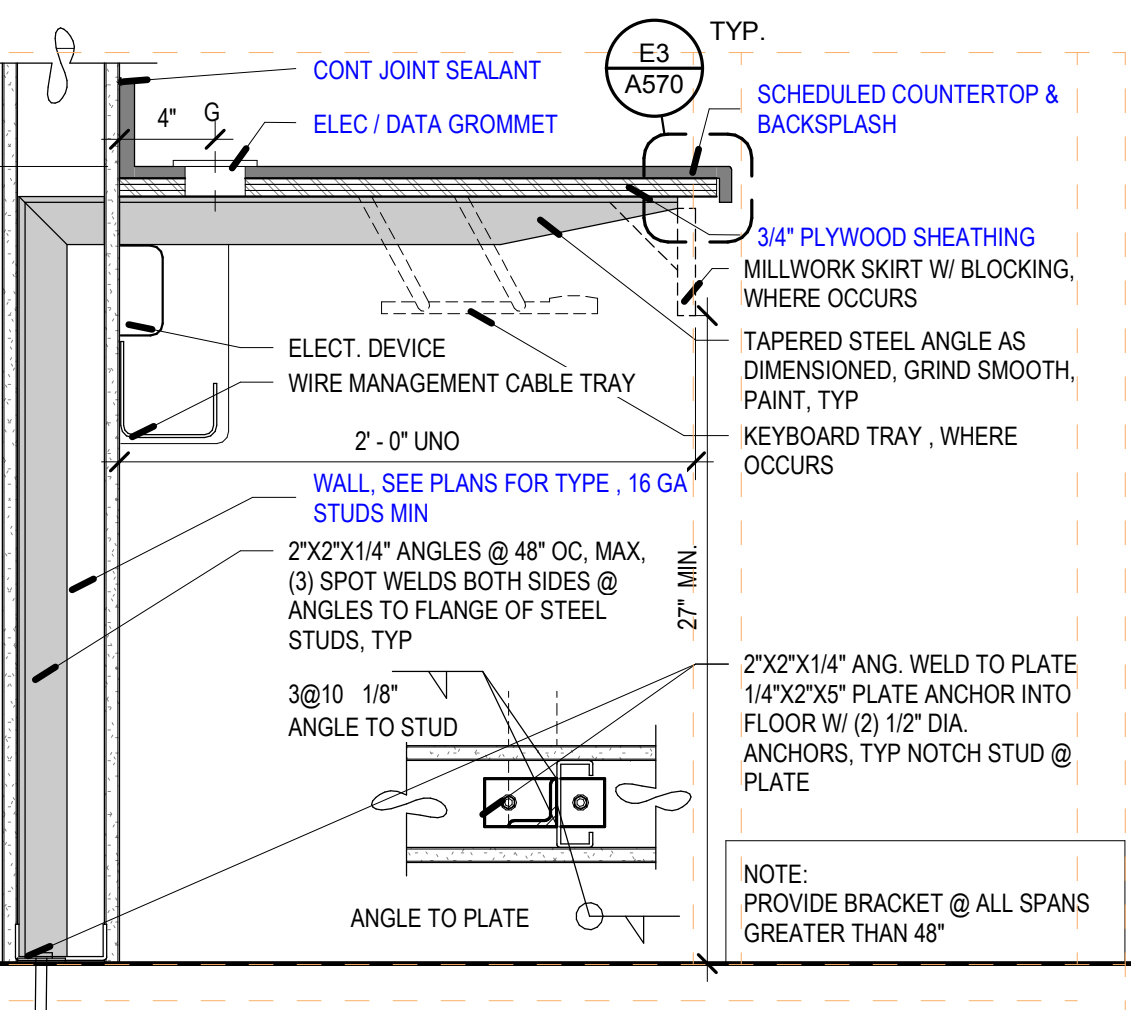
D1 SHELF - FULL HEIGHT - ADJ.
SCALE: 3/8" = 1'-0"



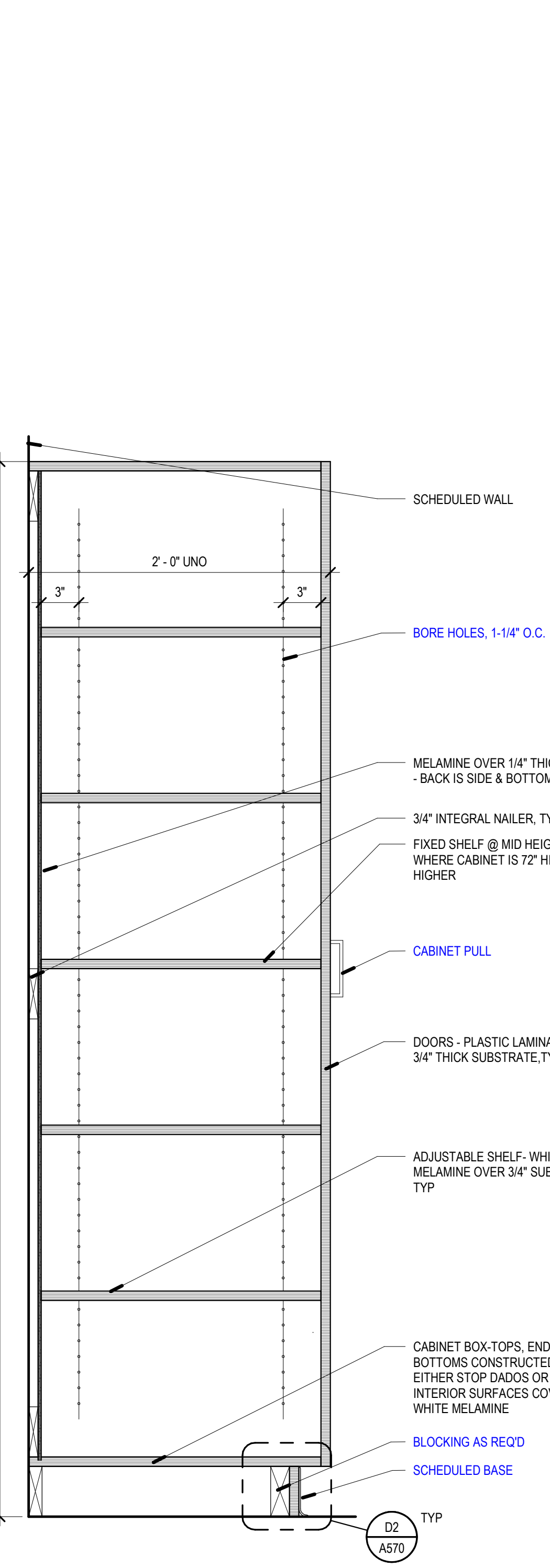
D2 TOE KICK - TYP.
SCALE: 6" = 1'-0"



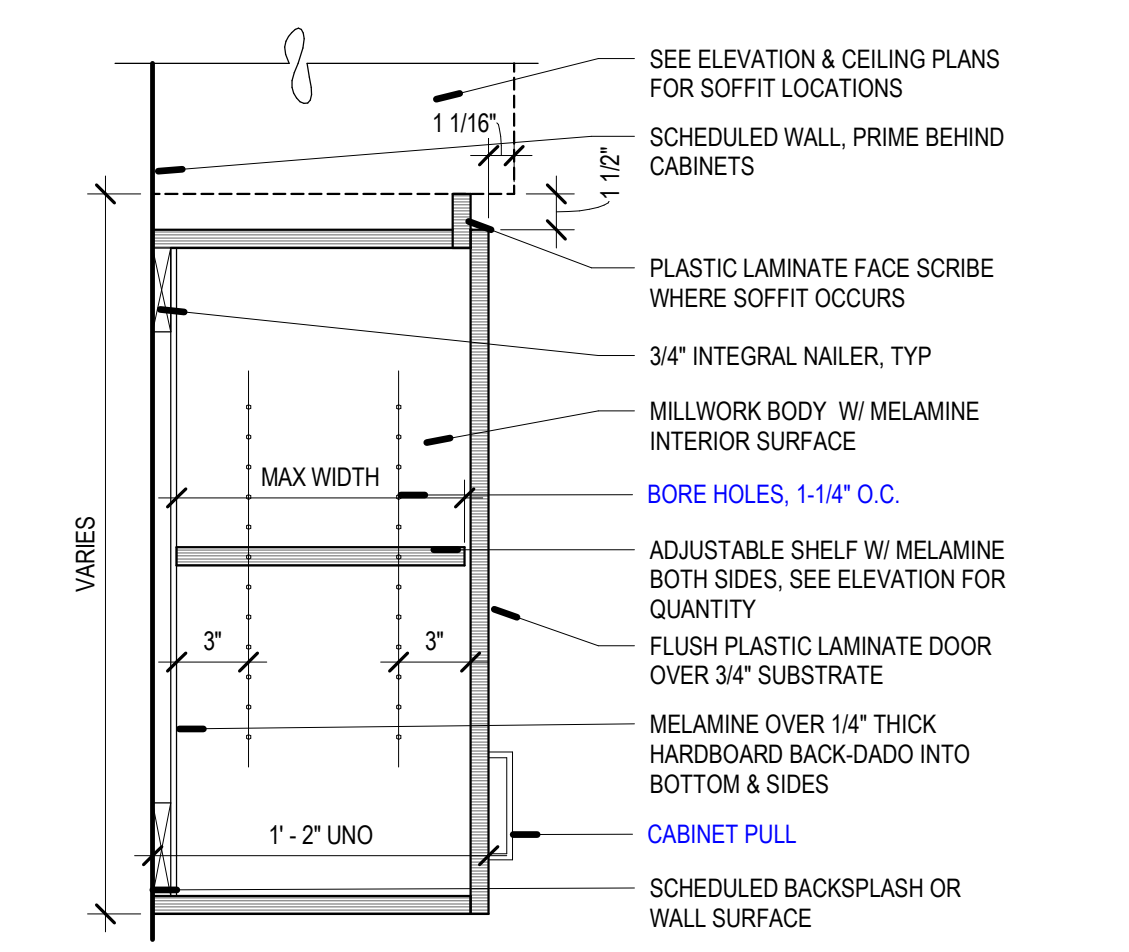
D3 LOCK - TYP.
SCALE: 6" = 1'-0"



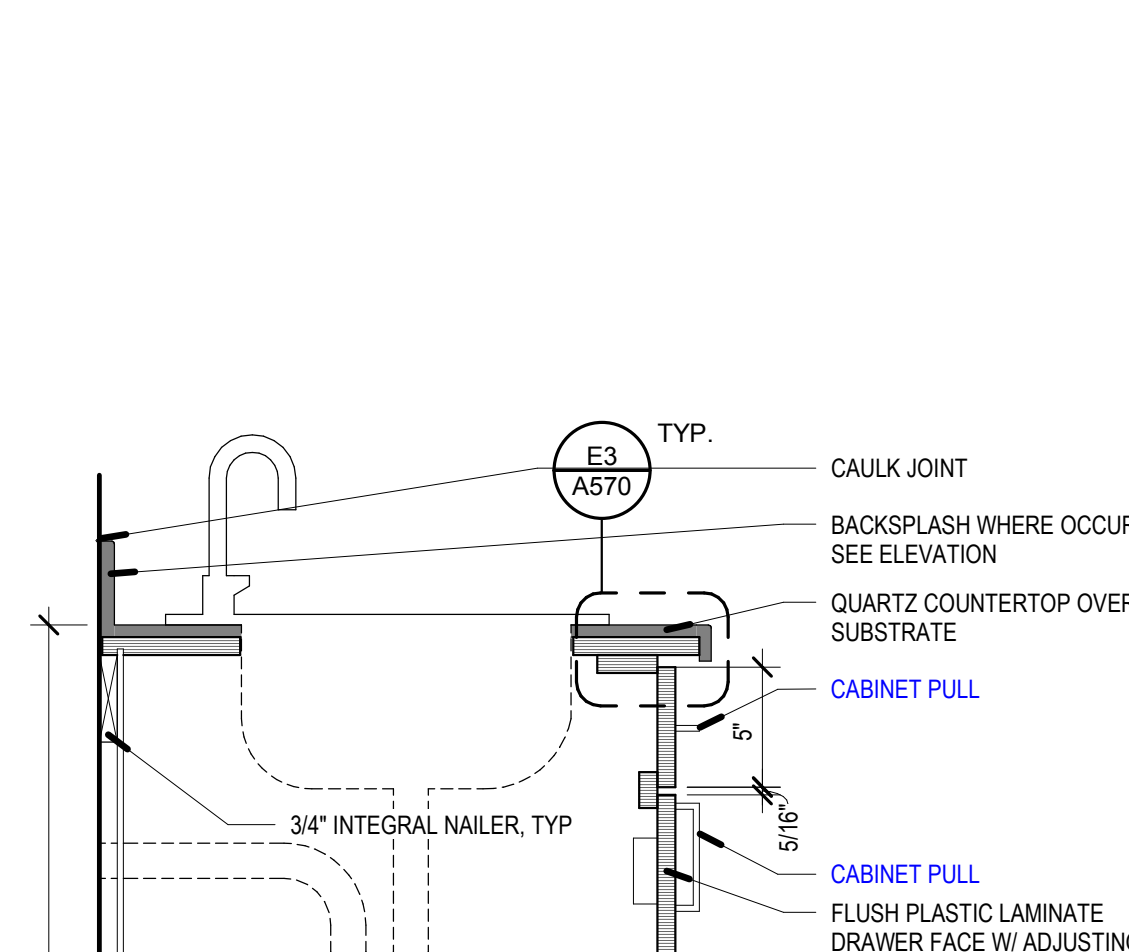
D5 COUNTERTOP - WALL HUNG
SCALE: 1 1/2" = 1'-0"



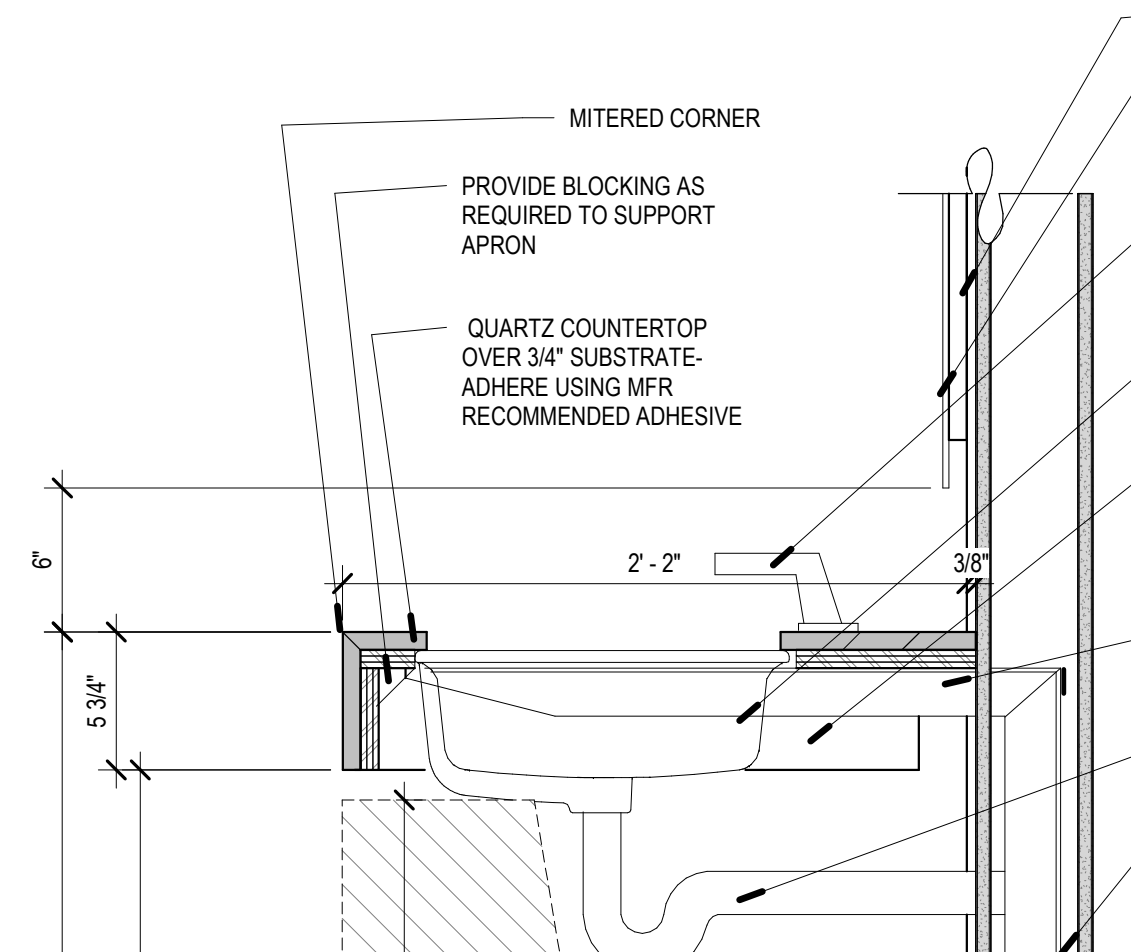
A1 TALL CABINET, TYP.
SCALE: 1 1/2" = 1'-0"



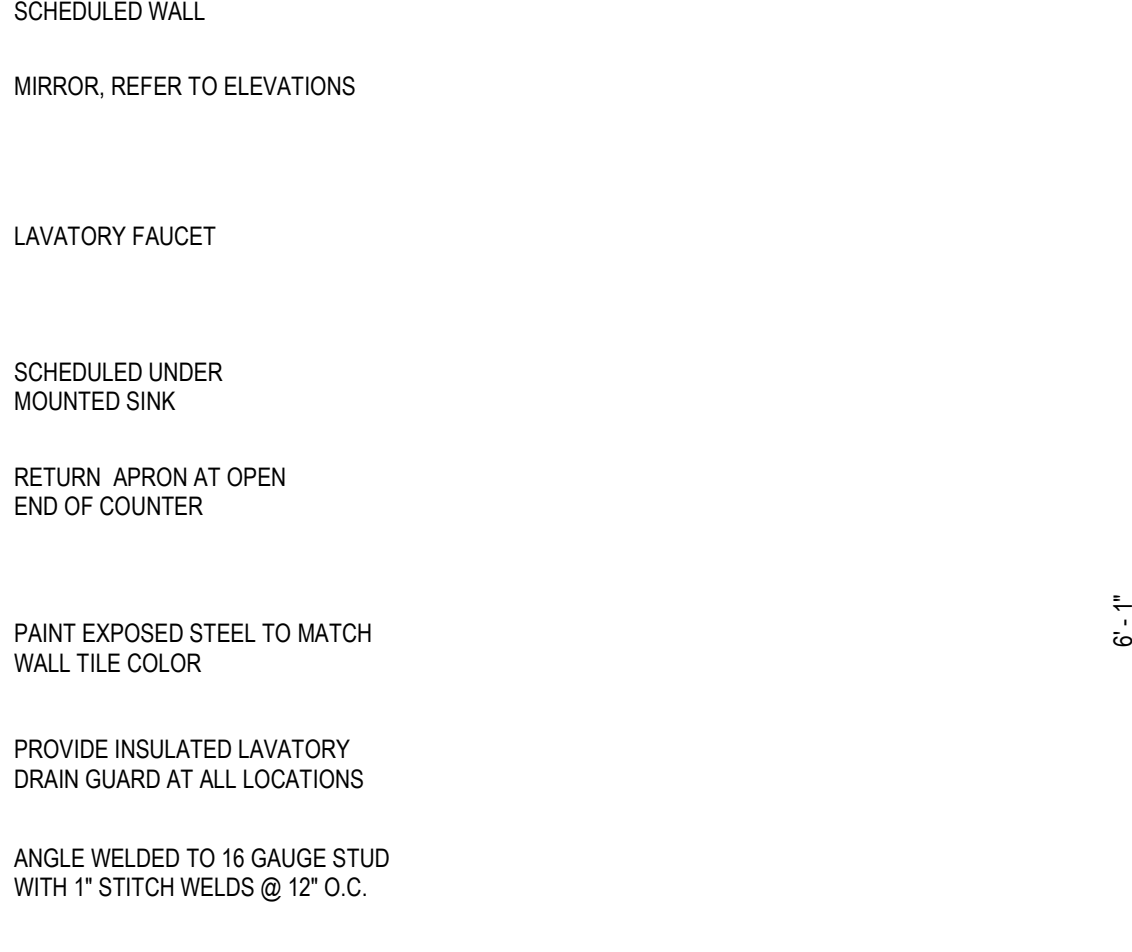
C2 W021 - UPPER CABINET WITH FULL DOOR
SCALE: 1 1/2" = 1'-0"



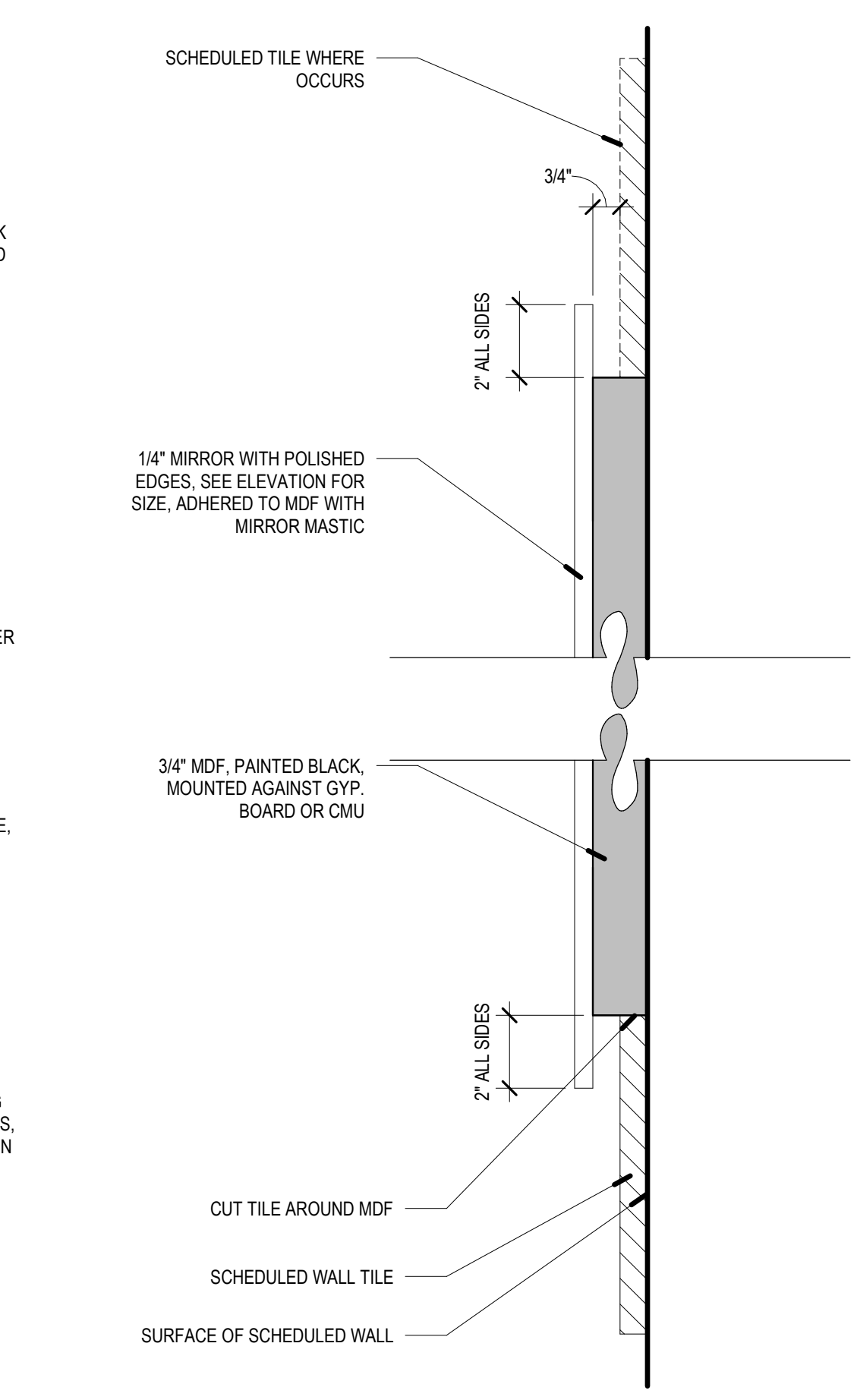
B3 B020 - BASE CABINET AT SINK
SCALE: 1 1/2" = 1'-0"



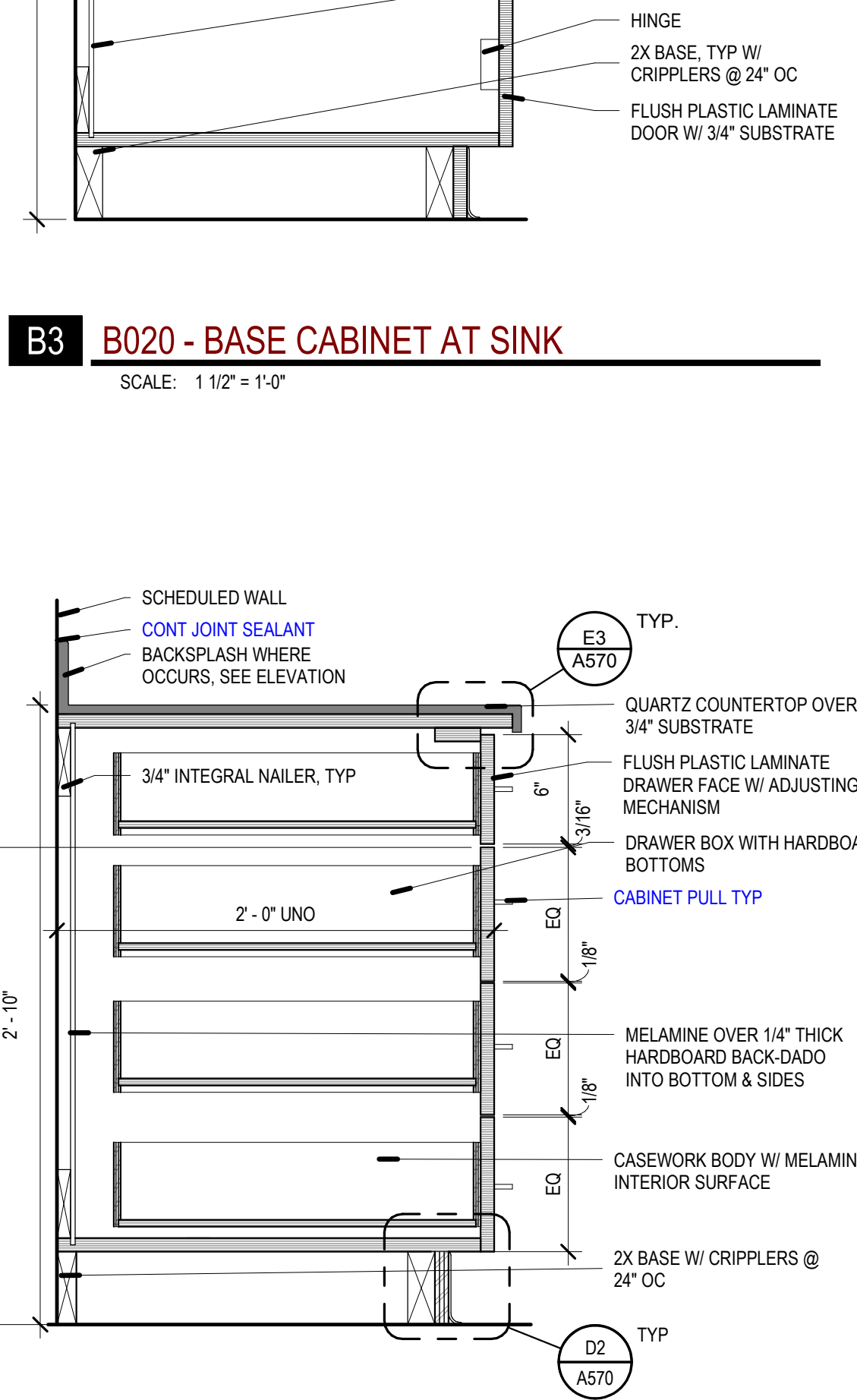
B4 COUNTER - RESTROOM - TYP.
SCALE: 1 1/2" = 1'-0"



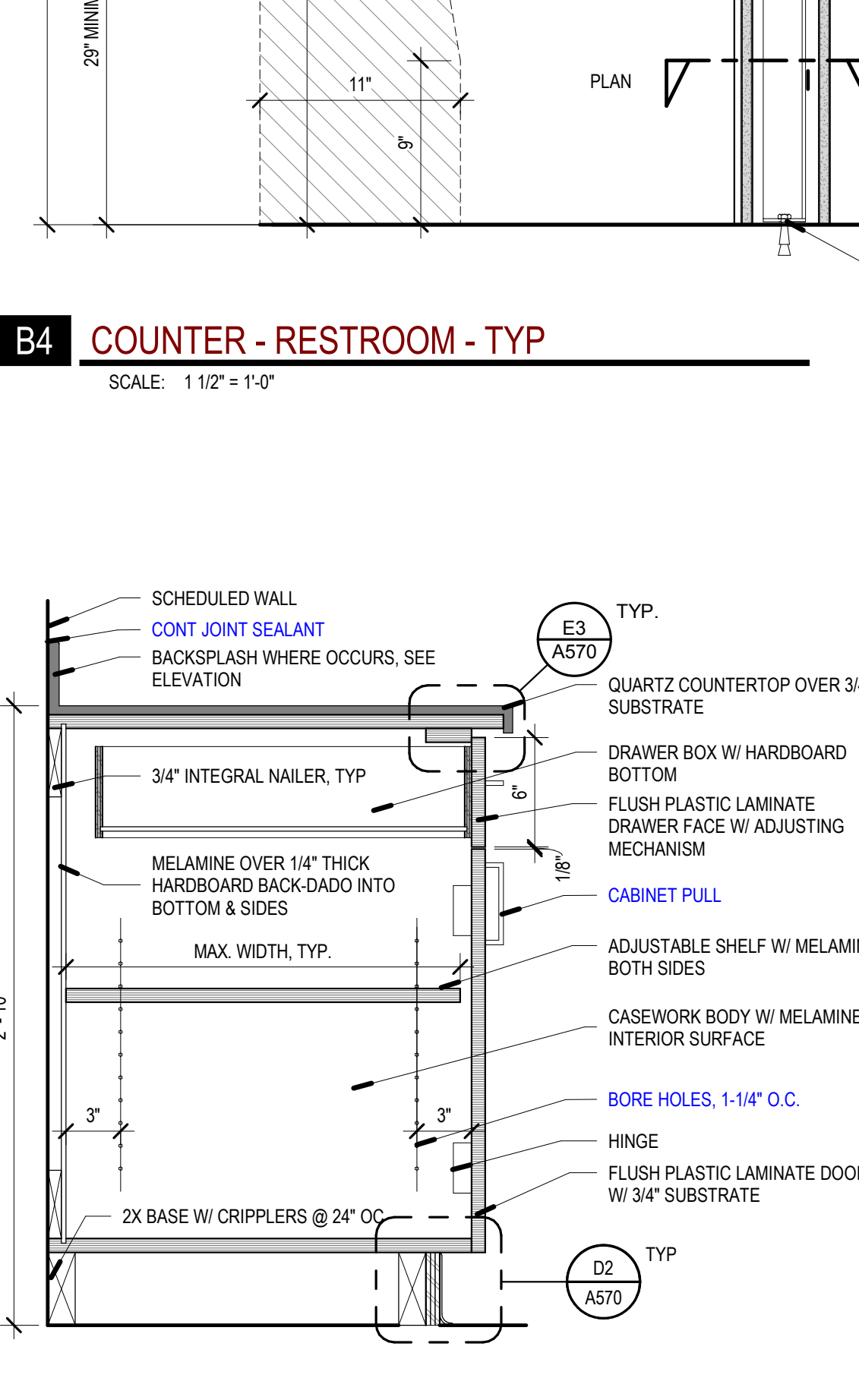
B6 T322 - TALL CABINET - TRIPLE MICROWAVE
SCALE: 1 1/2" = 1'-0"



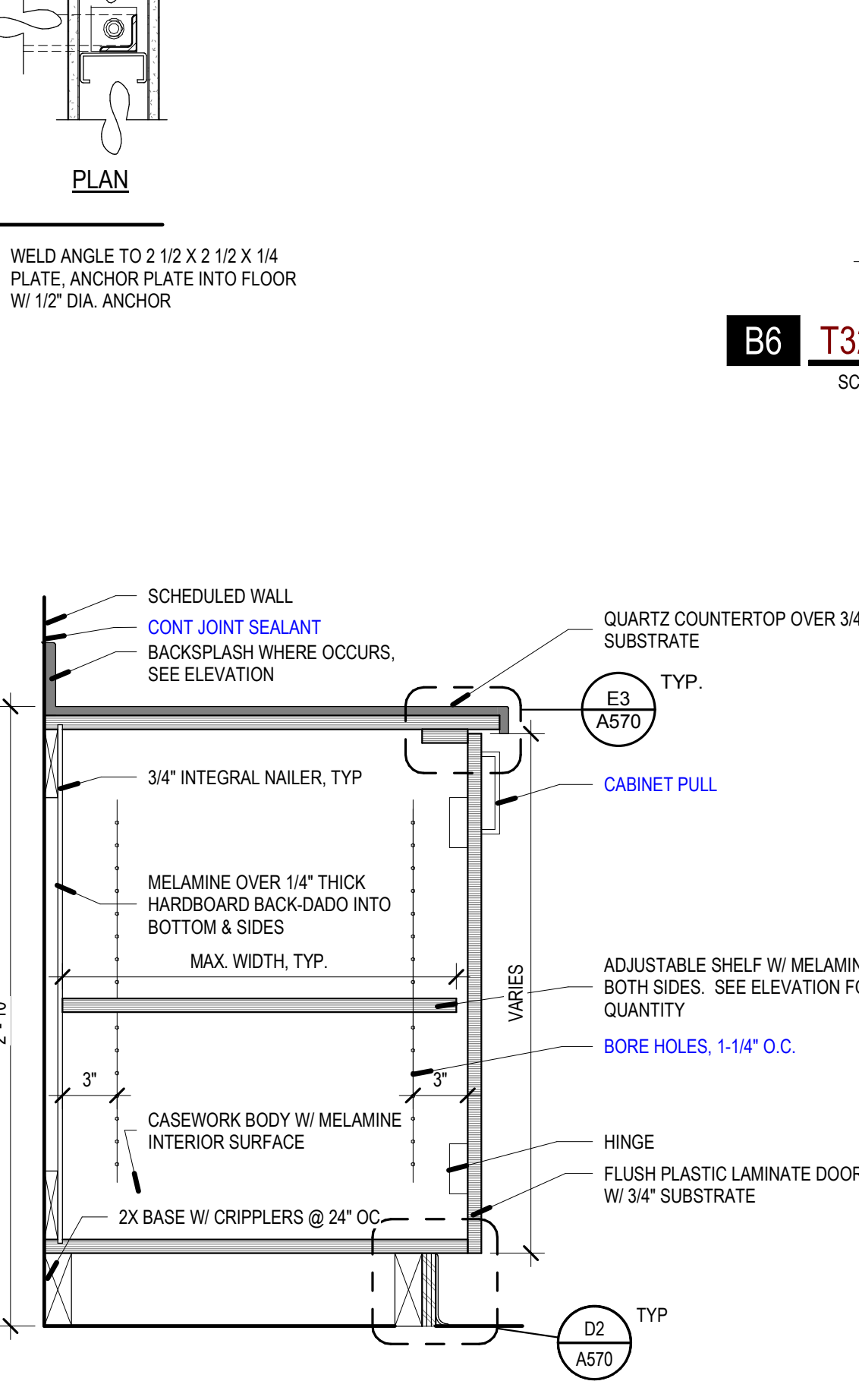
A2 MIRROR - MOUNTING
SCALE: 3" = 1'-0"



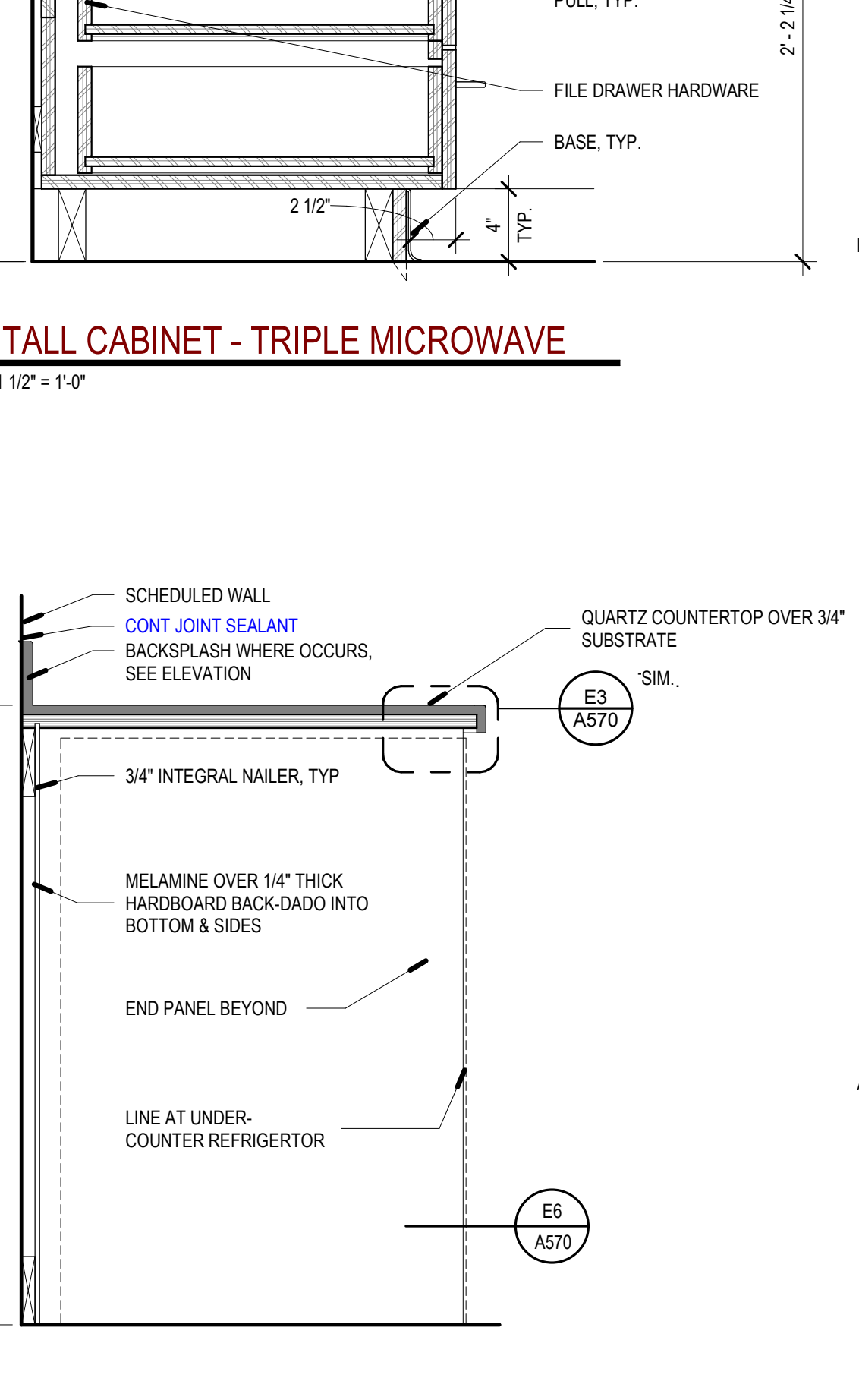
A3 B400 - BASE CABINET WITH 4 DRAWERS
SCALE: 1 1/2" = 1'-0"



A4 B121 - BASE CABINET AT DRAWER AND DOOR
SCALE: 1 1/2" = 1'-0"



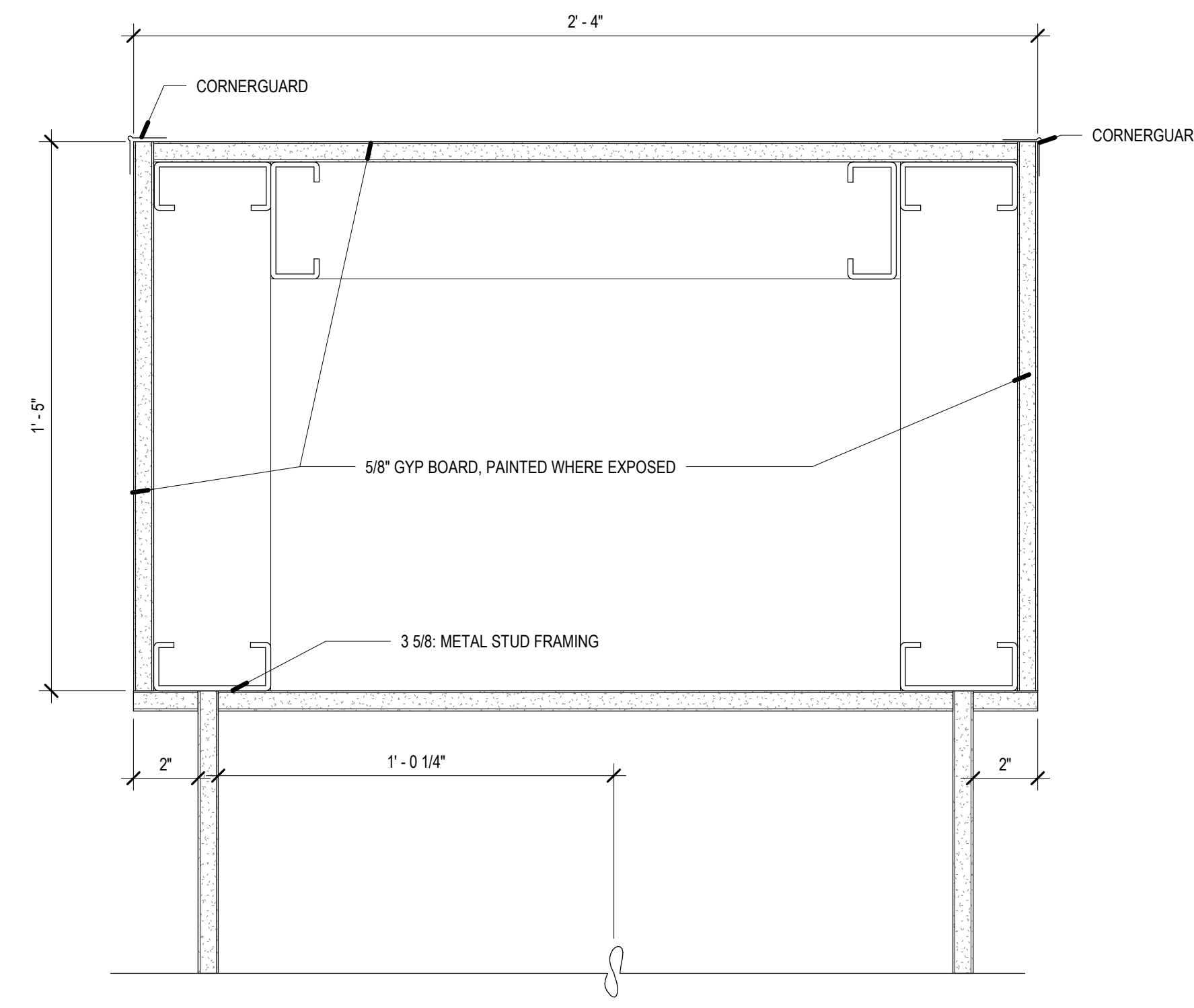
A5 B022 - BASE CABINET AT FULL DOOR
SCALE: 1 1/2" = 1'-0"



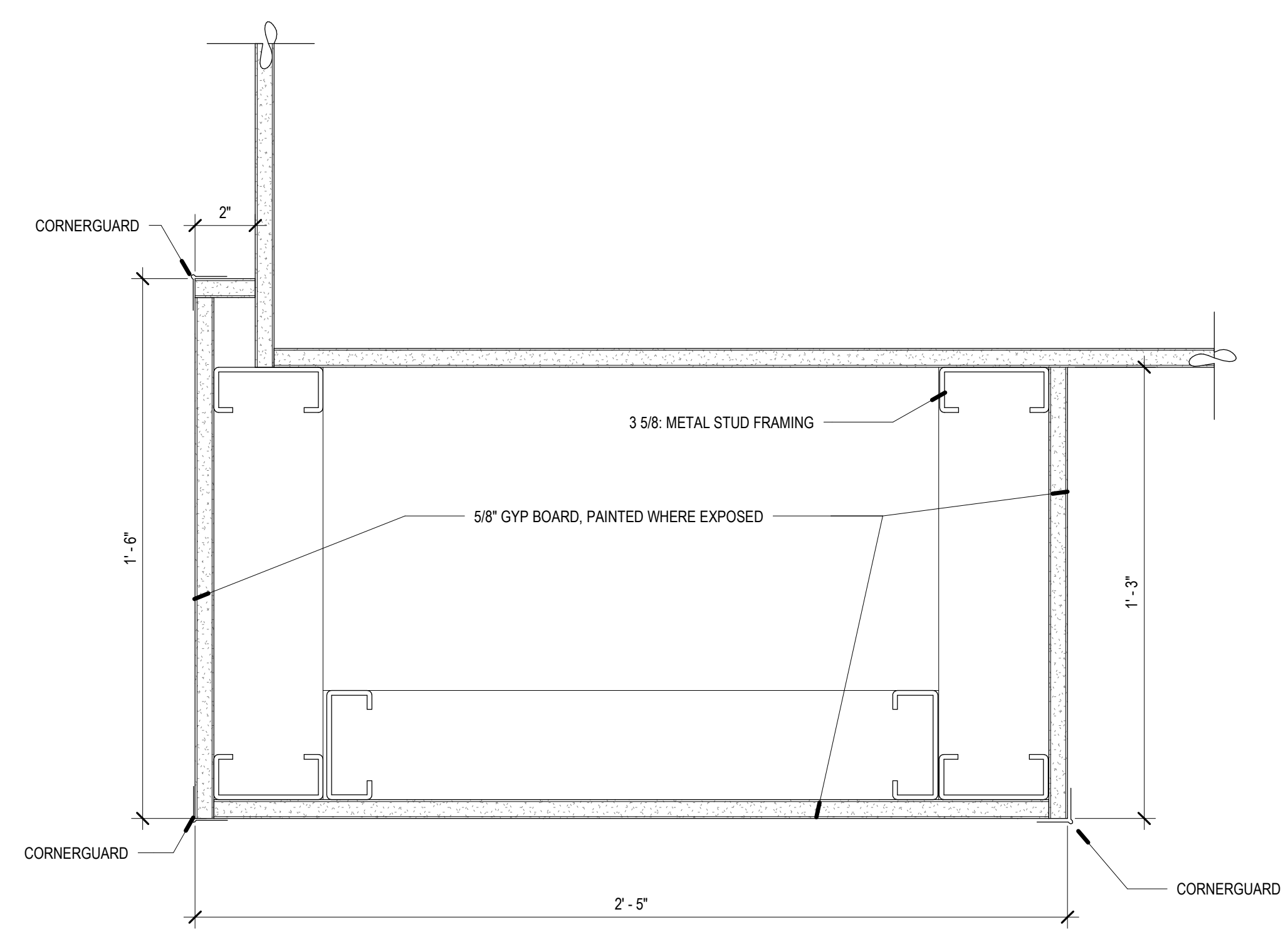
A6 BASE CABINET AT REF.
SCALE: 1 1/2" = 1'-0"

REV	DATE	DESCRIPTION

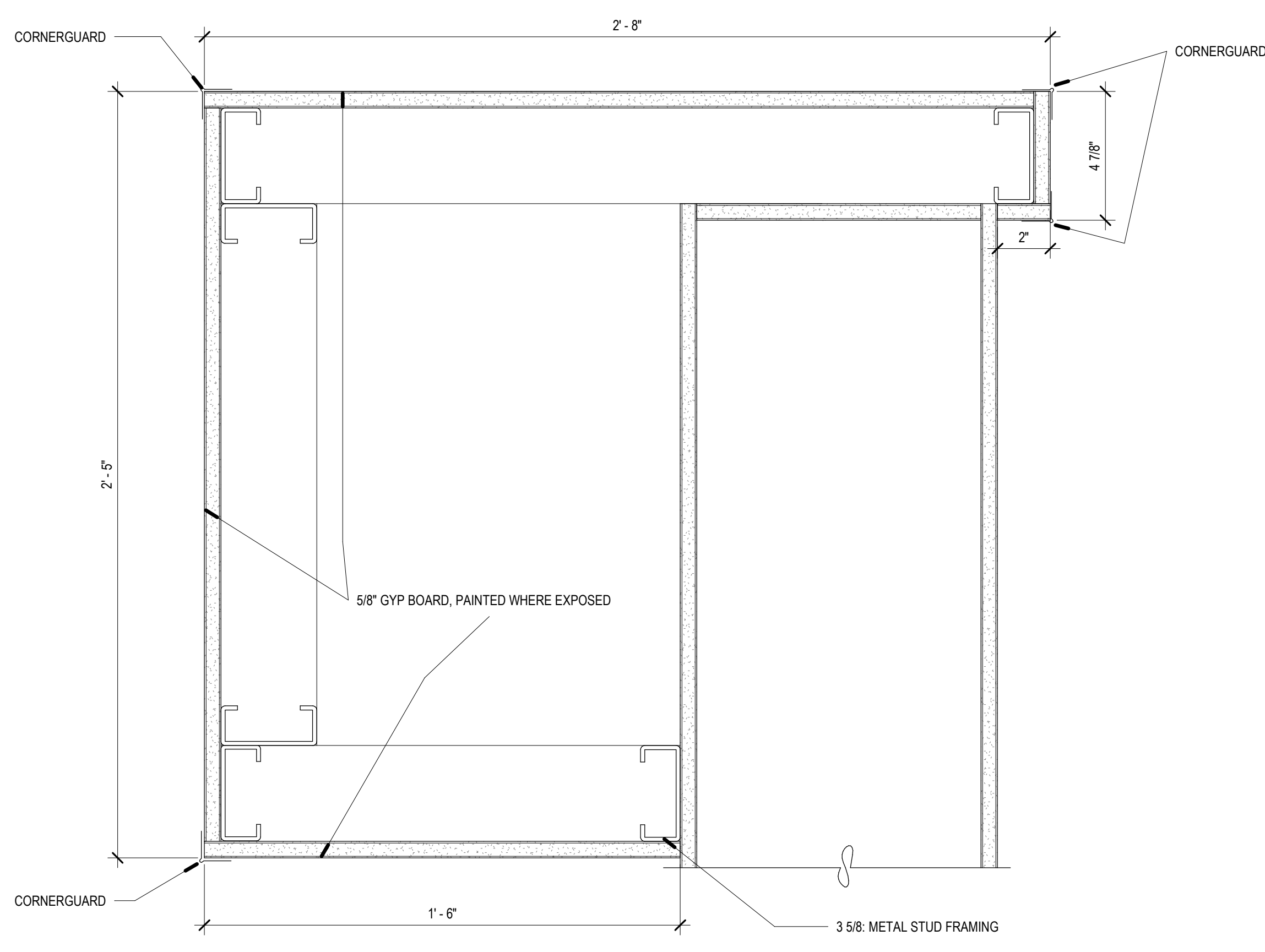
VCBO NUMBER: 19140
CLIENT NUMBER: 00000
DATE: DECEMBER 10, 2019



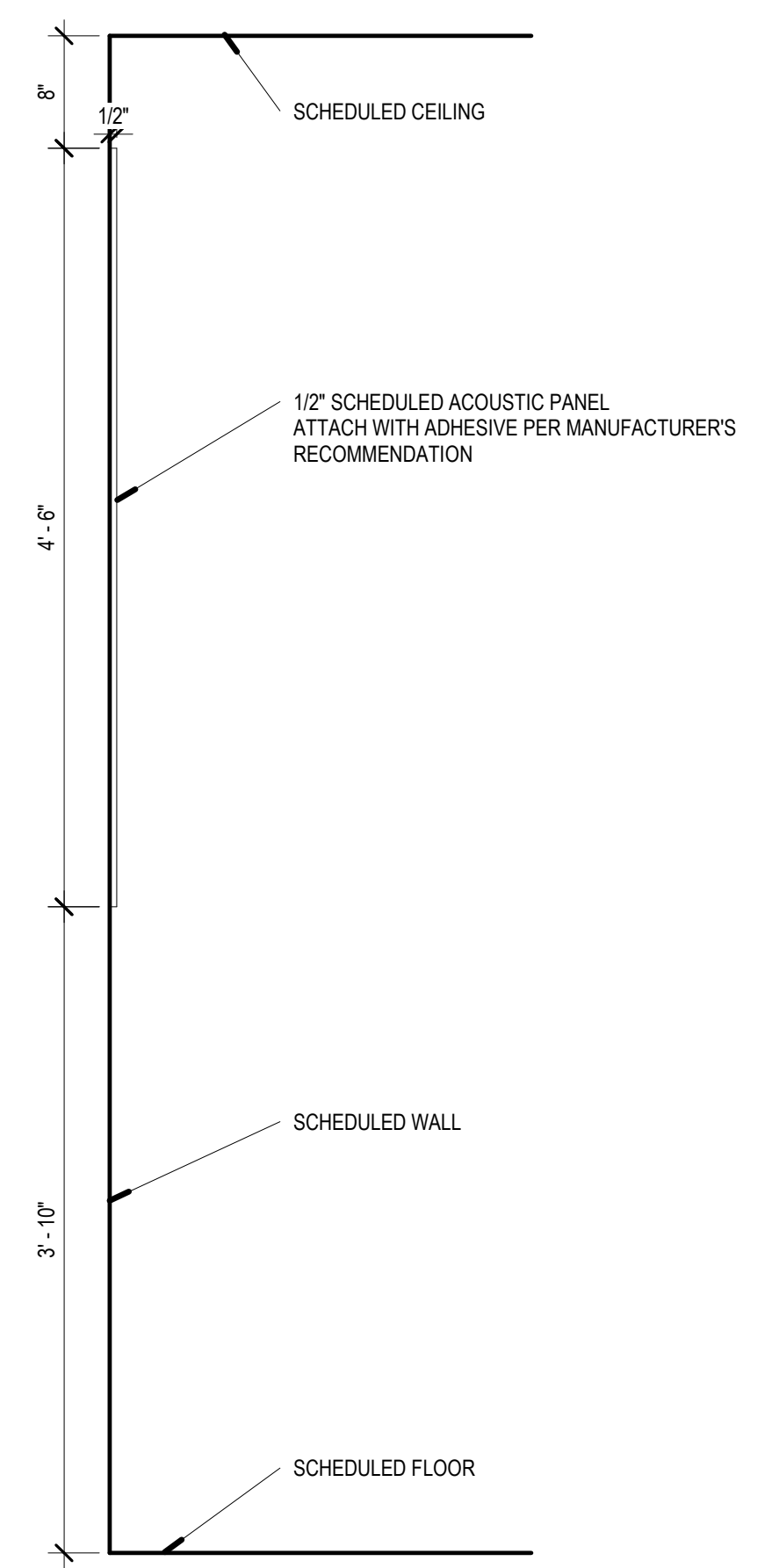
D1 PORTAL DETAIL - LEVEL 04 - AT DOOR 402A
SCALE: 3" = 1'-0"



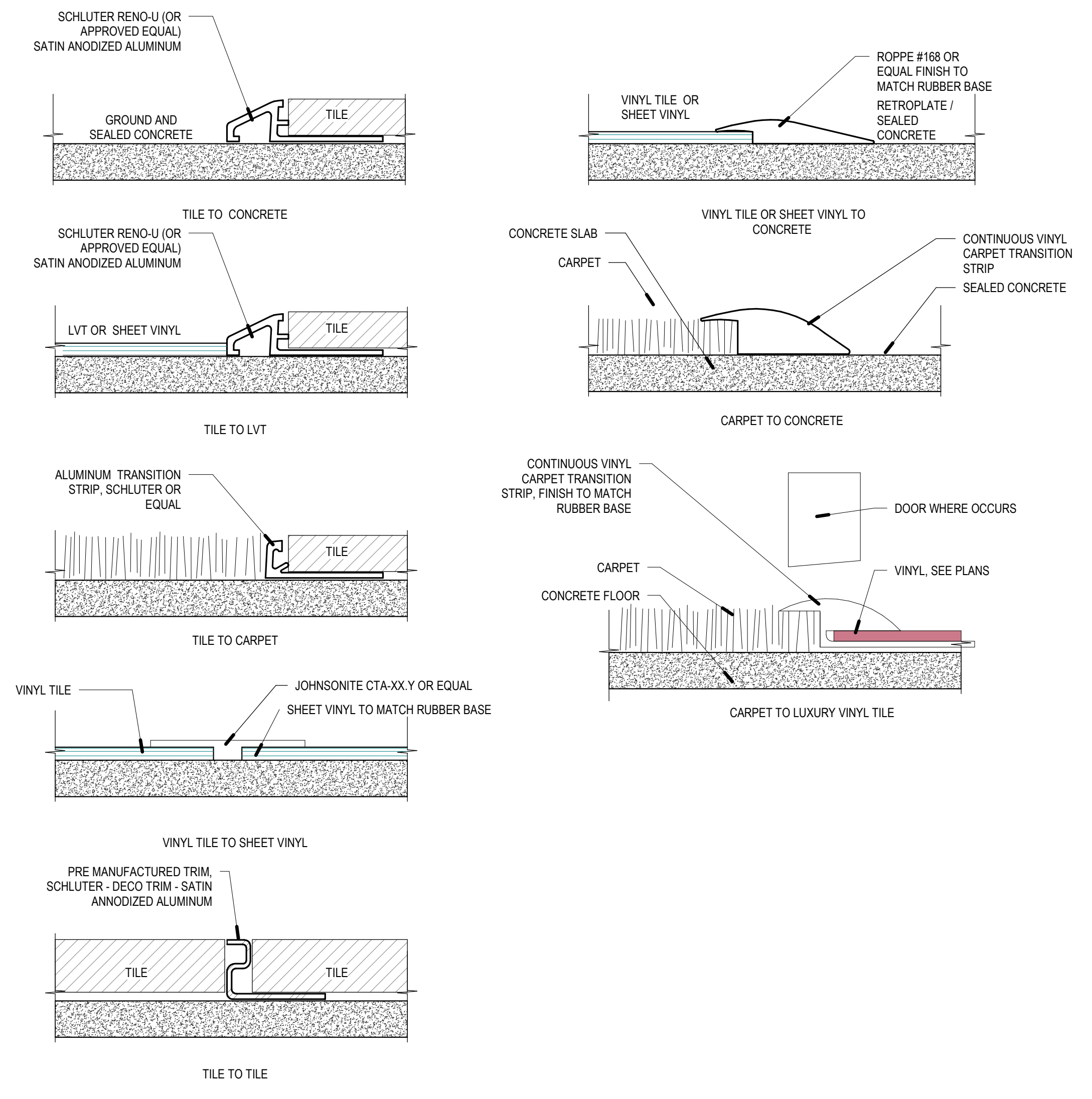
D3 PORTAL DETAIL - LEVEL 04 - AT DOOR 402
SCALE: 3" = 1'-0"



B1 PORTAL DETAIL - LEVEL 04 - AT DOOR 401 & 401A
SCALE: 3" = 1'-0"



A4 ACOUSTICAL PANEL DETAIL
SCALE: 1" = 1'-0"



A5 TYP. FLOOR TRANSITIONS
SCALE: 12" = 1'-0"

REV	DATE	DESCRIPTION

VCBO NUMBER: 19140
CLIENT NUMBER: 00000
DATE: DECEMBER 10, 2019

DOOR NUMBER	Room Name	DOOR										GLAZING TYPE	LABEL (MIN)	NOTES	DOOR NUMBER	To Room: Name
		SIZE			ELEV. TYPE	MATERIAL	FINISH	ELEV. TYPE	FRAME		HARDWARE GROUP					
		WIDTH	HEIGHT	THICK					MATERIAL	FINISH						
401	ELEVATOR LOBBY	72"	96"	1 3/4"	C	WD	WD		AL	ANOD	01			401	OPEN WORK SPACE	
401A	ELEVATOR LOBBY	72"	96"	1 3/4"	C	WD	WD		AL	ANOD	01			401A	ENTRY LOBBY	
402	ENTRY LOBBY	72"	96"	1 3/4"	E	WD	STAIN		AL	ANOD	03			402		
402A	ENTRY LOBBY	72"	96"	1 3/4"	E	WD	STAIN		AL	ANOD	03			402A	OPEN WORK SPACE	
411	STAIR 1	36"	96"	1 3/4"	D	WD	PNT		HM	PNT	02	60 MIN.		411	OPEN WORK SPACE	
417	OPEN WORK SPACE	36"	96"	1 3/4"	D	WD	PNT		HM	PNT	05			417	TELECOM	
418	STAIR 2	36"	96"	1 3/4"	D	WD	PNT		HM	PNT	02	60 MIN.		418	OPEN WORK SPACE	
421	LARGE COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09			421	ENTRY LOBBY	
422	MEDIUM COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09			422	ENTRY LOBBY	
423	MEDIUM COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09			423	ENTRY LOBBY	
424	SMALL COLLAB.	36"	104"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09			424	OPEN WORK SPACE	
425	SMALL COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09			425	OPEN WORK SPACE	
426	SMALL COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09			426	OPEN WORK SPACE	
427	COPY/WORK	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09			427	OPEN WORK SPACE	
428	SMALL COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09			428	OPEN WORK SPACE	
429	SMALL COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09			429	OPEN WORK SPACE	
430	MEDIUM COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09			430	OPEN WORK SPACE	
431	WELLNESS ROOM	36"	96"	1 3/4"	A	WD	STAIN		AL	ANOD	08			431	HALL	
432	SMALL COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09			432	OPEN WORK SPACE	
433	LT. ROOM	36"	96"	1 3/4"	A	WD	STAIN		AL	ANOD	04			433	OPEN WORK SPACE	
434	STORAGE	36"	96"	1 3/4"	A	WD	STAIN		AL	ANOD	06			434	OPEN WORK SPACE	
435	COPY/WORK AREA	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09			435	OPEN WORK SPACE	
436	SMALL COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09			436	OPEN WORK SPACE	
437	LARGE COLLAB.	36"	96"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09			437	OPEN WORK SPACE	
438	INDUSTRIAL HYGIENE	36"	96"	1 3/4"	A	WD	STAIN		AL	ANOD	04			438	NORTH ELEVATOR LOBBY	
439	LARGE COLLAB.	36"	84"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	09			439	OPEN WORK SPACE	
451	BREAK ROOM	36"	94"	1 3/4"	C	WD	STAIN		AL	ANOD	10			451	OPEN WORK SPACE	
452	PHONE	36"	84"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	08			452	OPEN WORK SPACE	
453	PHONE	36"	84"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	08			453	OPEN WORK SPACE	
454	PHONE	36"	84"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	08			454	OPEN WORK SPACE	
455	PHONE	36"	84"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	08			455	OPEN WORK SPACE	
456	PHONE	36"	84"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	08			456	OPEN WORK SPACE	
457	PHONE	36"	84"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	08			457	OPEN WORK SPACE	
458	PHONE	36"	84"	1 3/4"	C	WD	STAIN	SF-01	AL	ANOD	08			458	OPEN WORK SPACE	

DOOR & FRAME NOTES

- MATERIAL ABBREVIATIONS:
WD = WOOD
AL = ALUMINUM
HM = HOLLOW METAL
- SEE SPECIFICATION FOR HARDWARE GROUP DEFINITION
- ALL HOLLOW METAL FRAMES OPENING TO THE EXTERIOR ARE TO BE GALVANIZED
- ALL HOLLOW METAL DOORS OPENING TO THE EXTERIOR ARE TO BE INSULATED AND GALVANIZED
- OVERALL ALUMINUM FRAME DIMENSIONS ARE GIVEN FOR REFERENCE. REFER TO DETAILS FOR JAMB AND SILL CONDITIONS. OVERALL DIMENSIONS ARE TO BE FIELD VERIFIED.
- GENERAL CONTRACTOR TO COORDINATE WORK BETWEEN DOOR INSTALLER AND SECURITY SYSTEM INSTALLER
- WHERE A DOOR IS SHOWN ON THE FLOORS PLANS BUT IS NOT NUMBERED AND/OR DOES NOT APPEAR IN THE DOOR SCHEDULE, THE FOLLOWING DOOR, FRAME AND HARDWARE ARE TO BE BID FOR THIS OPENING: DOOR TYPES X, FRAME TYPE XX, HARDWARE TYPE XX
- MATCH ALL HM FRAMES TO ADJACENT WALL PAINT COLOR

GLAZING TYPE LEGEND

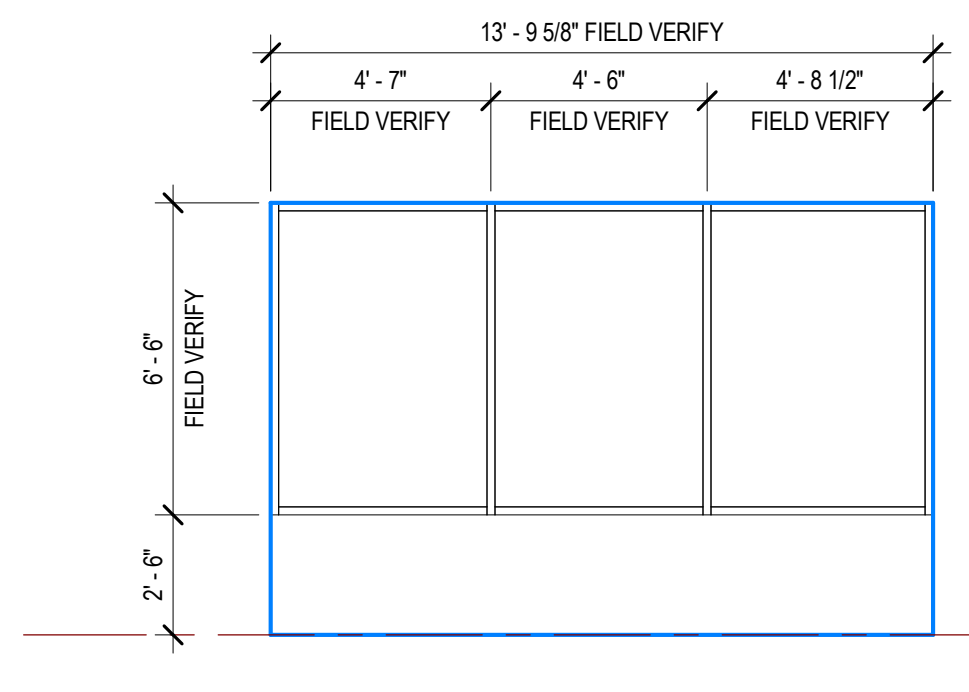
MARK	DESCRIPTION
①	1/4" CLEAR, H.S. FLOAT GLAZING
②/F	WINDOW FILM, 3M GLASS FINISHES - FUSION PEARL
③/T	"T" INDICATES TEMPERED GLASS
④	EXISTING GLAZING

NOTE:
WINDOW TYPE QUANTITIES PROVIDED FOR CONVENIENCE. THE CONTRACTOR IS RESPONSIBLE TO VERIFY THE QUANTITIES OF EACH WINDOW TYPE.

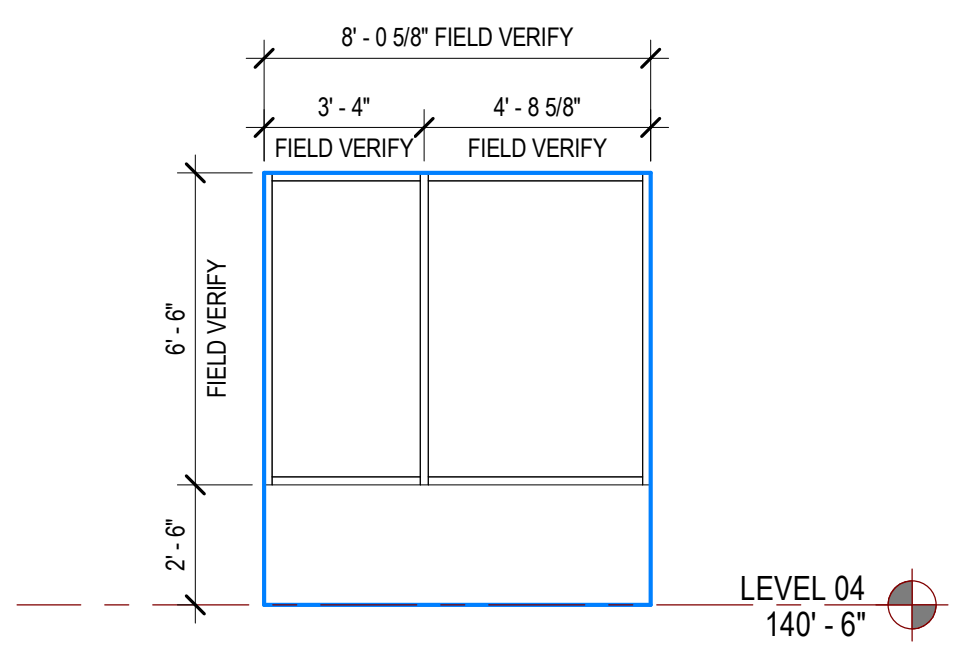


REV DATE DESCRIPTION

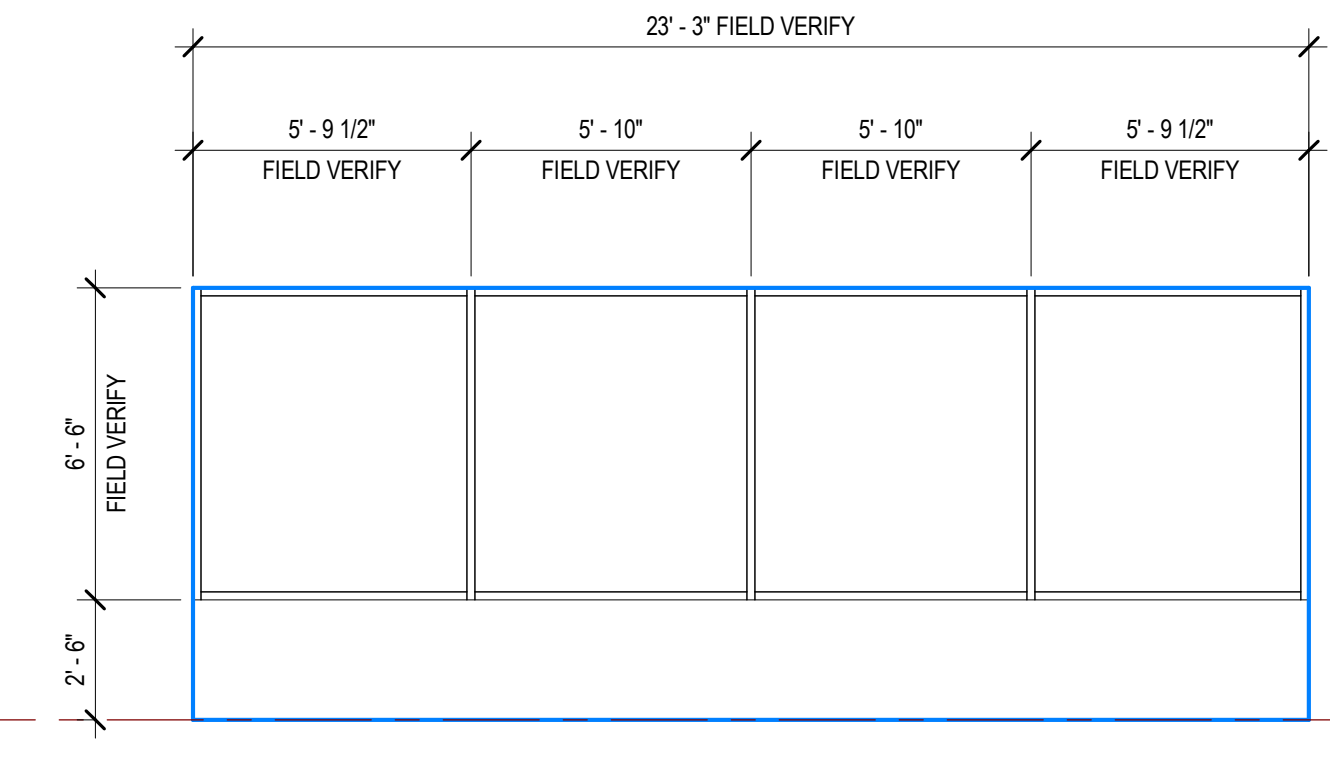
VCBO NUMBER: 19140
CLIENT NUMBER: 00000
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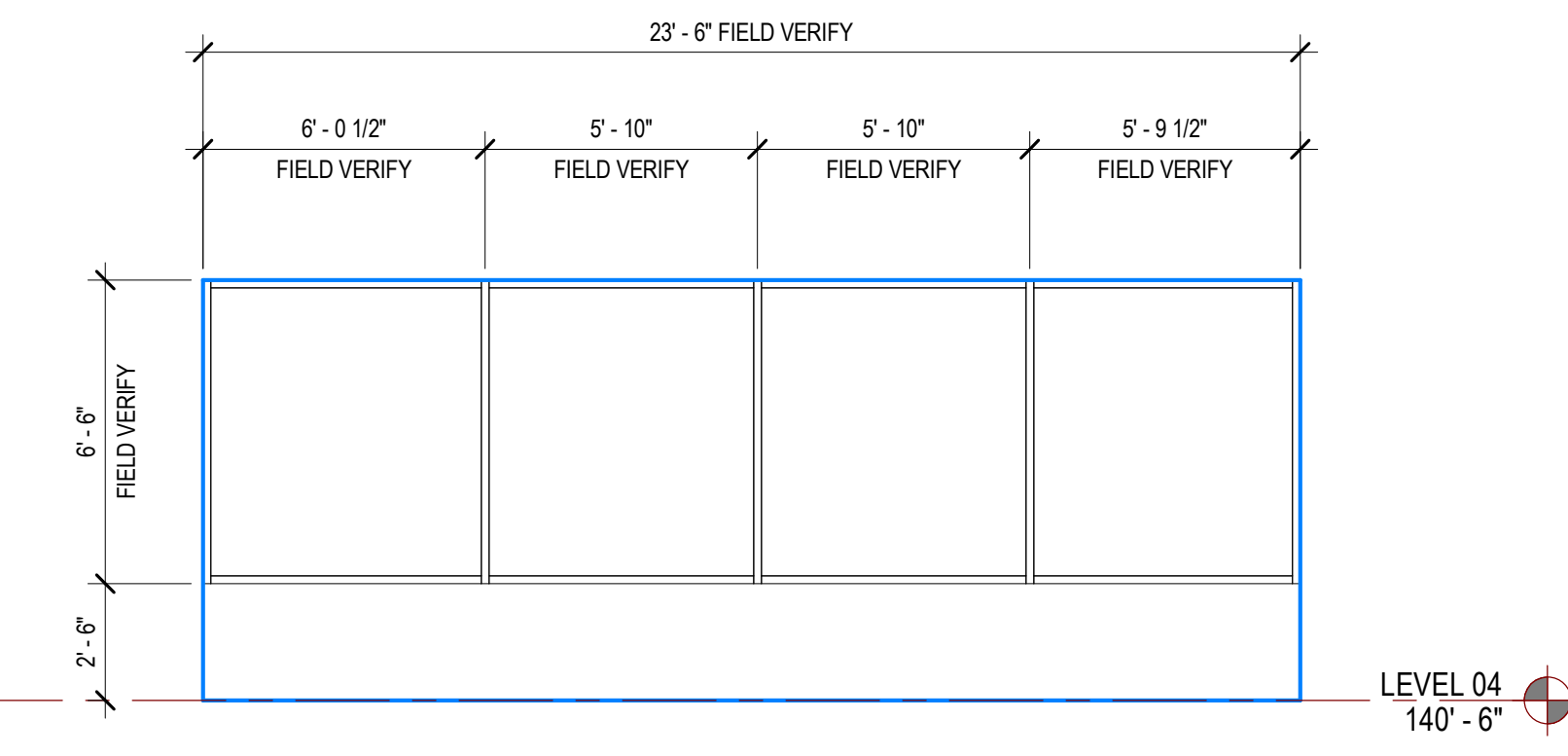
SF-03



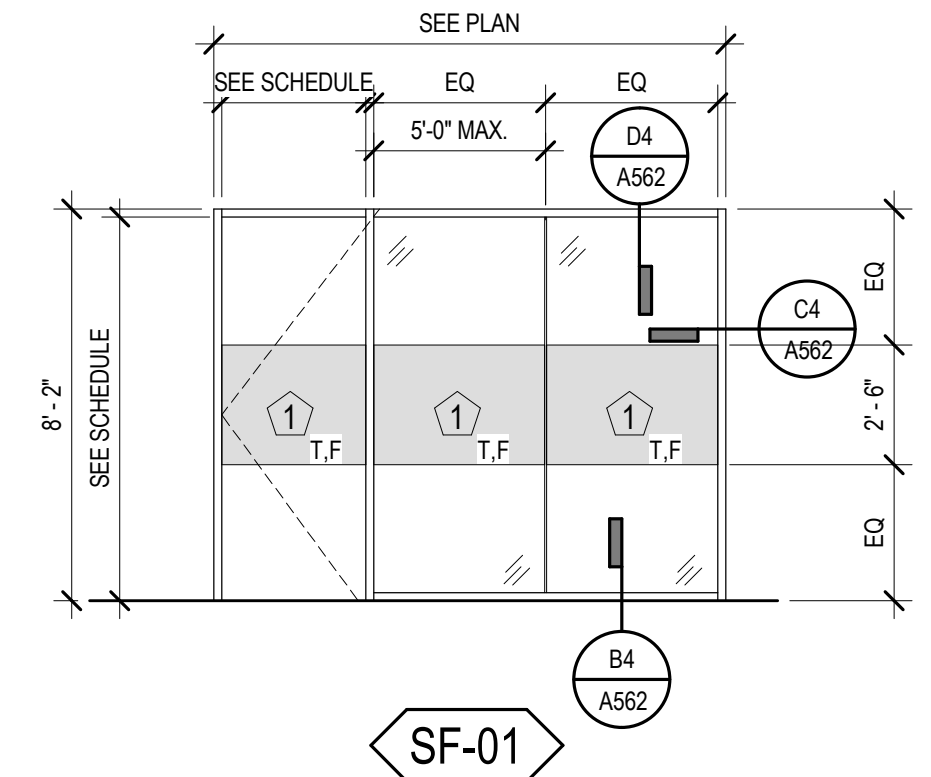
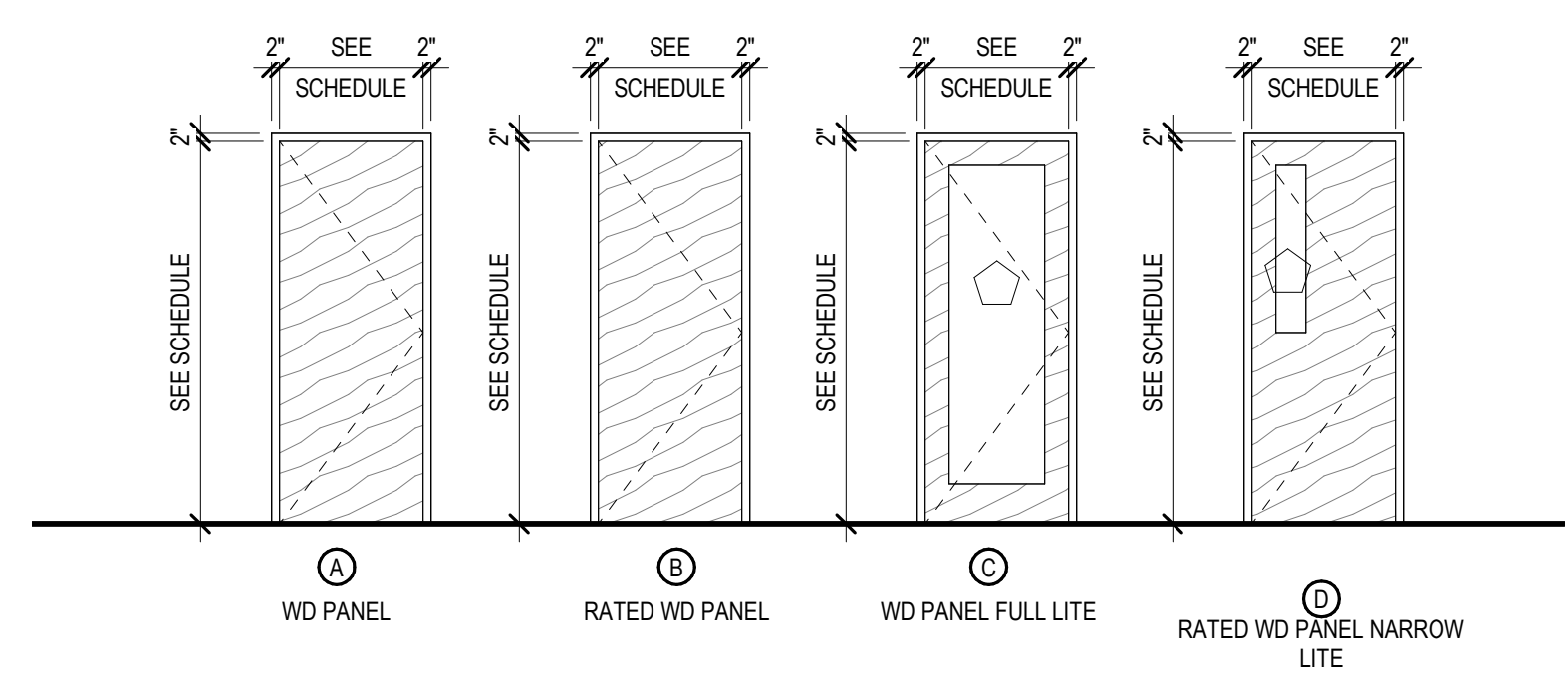
SF-04



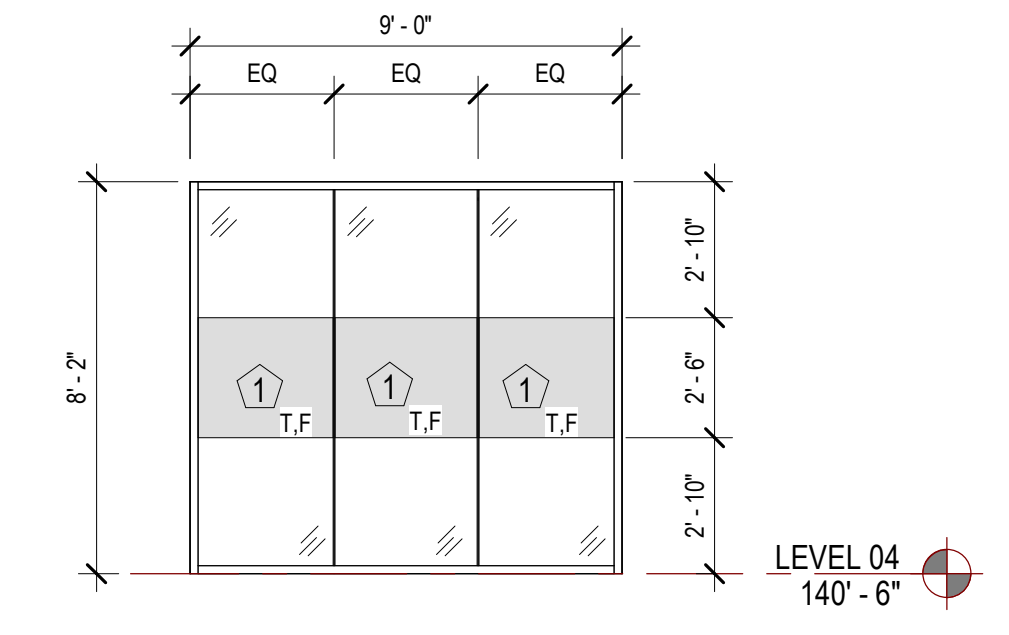
SF-05



SF-06



SF-01



SF-02

A3 DOOR ELEVATIONS

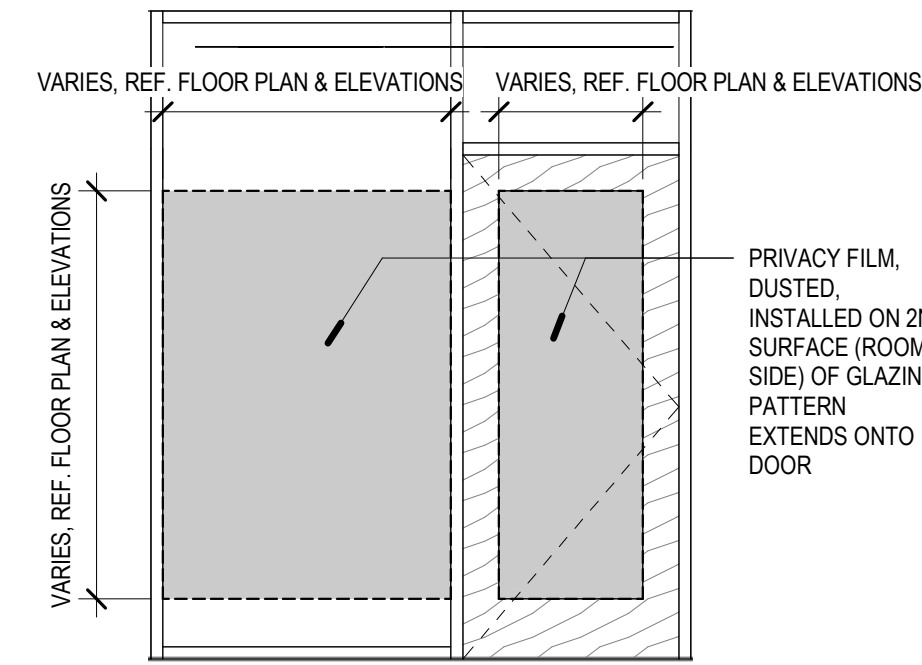
SCALE: 1/4" = 1'-0"

INTERMOUNTAIN ~ SHC 4TH FLOOR REMODEL
INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123
CONSTRUCTION DOCUMENTS

SIGNAGE SCHEDULE - LEVEL 04					
Mark	Type	Sign Room Number	Sign Text	Type Comments	Sign Notes
ST-1	STID		EXIT STAIR (STAIR ICON)		
ST-2	STID		EXIT STAIR (STAIR ICON)		
405-1	PRV				
435-1	PRV				
406-1	PRV				
413	PRV				
429	PRV				
420-1	PRV				
421-1	PRV				
422	PRV				
426	PRV				
434	PRV				
418-1	PRV				
419-1	PRV				
436-1	PRV				
431-1	PRV				
403-1	SECR				
408-1	PRV				
430-1	PRV				
428-1	PRV				
415-1	PRV				
419-1	PRV				
411-1	PRV				
412-1	PRV				
416-2	CODE		MECHANICAL		
416-3	CODE		ELECTRICAL		
407-1	PRV				
433-1	MN		MEN (MALE ADA ICON)		
433-2	WM		WOMEN (FEMALE ADA ICON)		
4032	PRV				

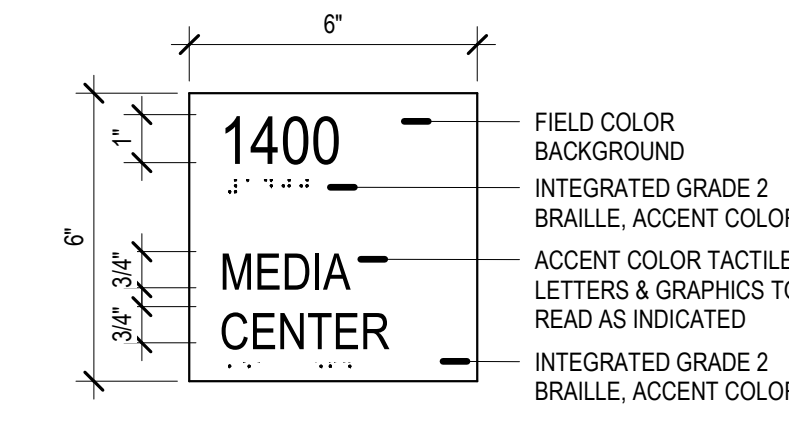
5 TYPE PRV - PRIVACY FILM

SCALE: 3/8" = 1'-0"



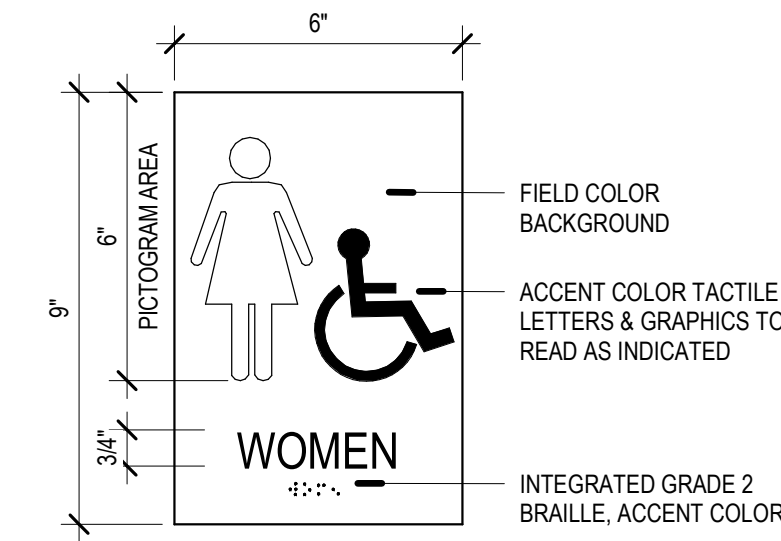
4 TYPE RM - ROOM SIGN

SCALE: 3" = 1'-0"



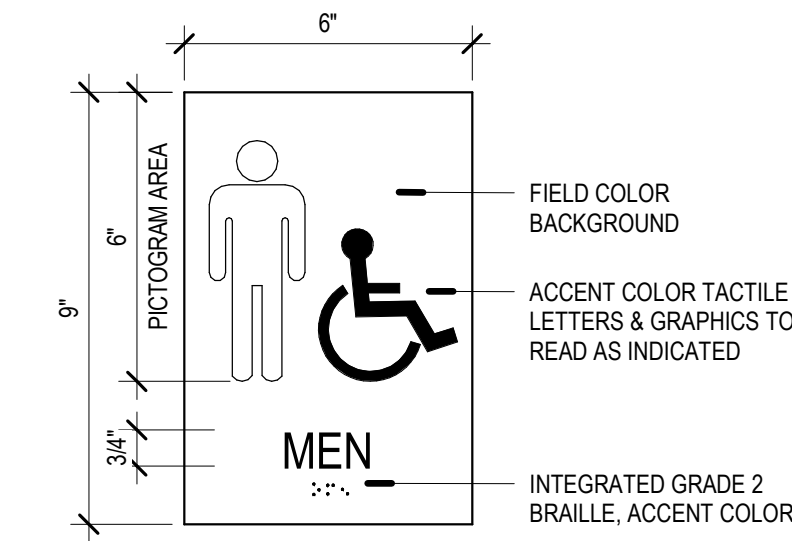
3 TYPE WM - WOMEN'S ADA RESTROOM

SCALE: 3" = 1'-0"



2 TYPE MN - MEN'S ADA RESTROOM

SCALE: 3" = 1'-0"



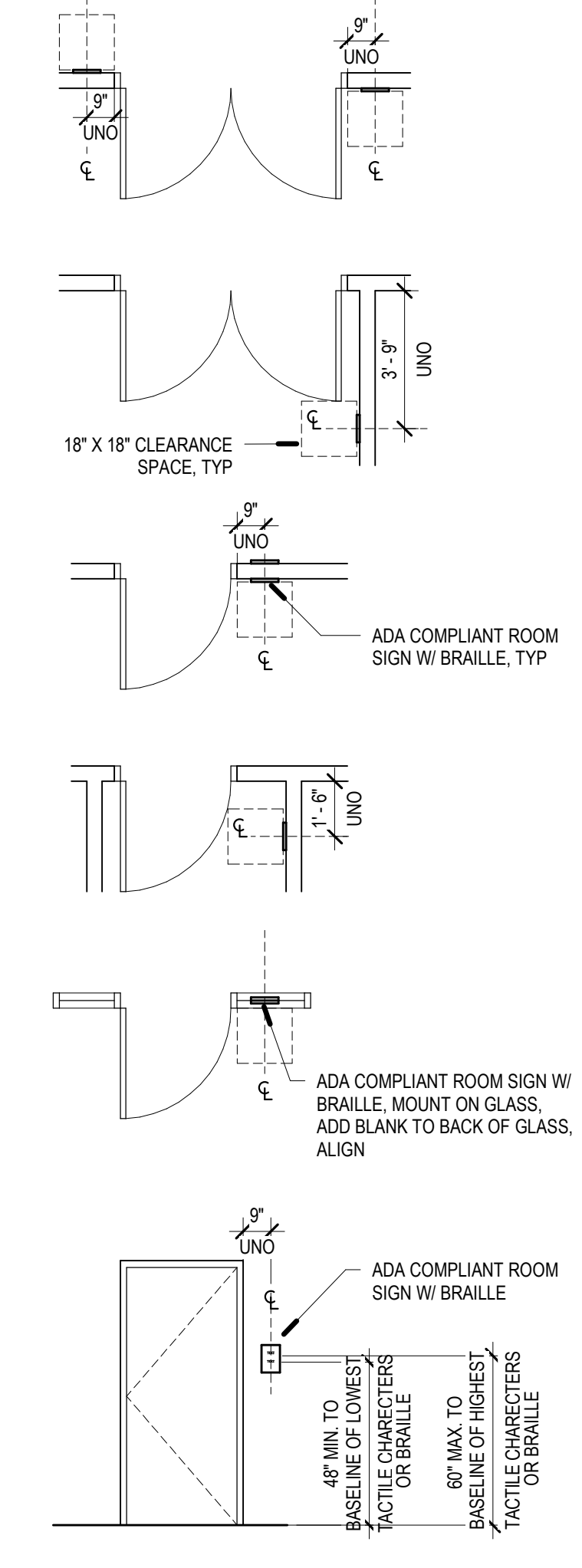
SIGN NOTES

- ALL SIGNS TO MEET CHAPTER 7 OF ANSI 117.1, 2003 AND INCLUDE GRADE 2 BRAILLE. FINISH AND CONTRAST: CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND, WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.
- ALL SANITARY FACILITIES MUST BE IDENTIFIED, INCLUDE INTERNATIONAL SYMBOL OF ACCESSIBILITY, PICTOGRAMS AND BRAILLE.
- ALL ASSEMBLY OCCUPANCIES TO HAVE OCCUPANT LOAD POSTED NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY.
- PROVIDE CODE REQUIRED SIGNAGE AT STAIRS: TACTILE SIGN WITH "EXIT" OUTSIDE STAIR DOORS ON UPPER FLOORS. INSIDE STAIR SIGN TO INDICATE STAIR NUMBER, EXIT LEVEL AND LEVEL ON.
- PROVIDE CODE REQUIRED SIGNAGE AT ALL ELEVATOR DOORS.

TYP SIGNAGE LOCATIONS

NOTE:

- TYP SIGN HEIGHT: ARCHITECT TO FIELD VERIFY SIGN LOCATIONS WHEN CONFLICTS W/ DEVICES ARISE.
- SIGNS W/ TACTILE CHARACTERS SHALL BE PERMITTED ON THE PUSH SIDE OF DOORS W/ CLOSERS & W/O HOLD-OPEN DEVICES.
- WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS W/ ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF.



D

C

B

A



A1 PLAN - LEVEL 04 - ANNOTATED

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



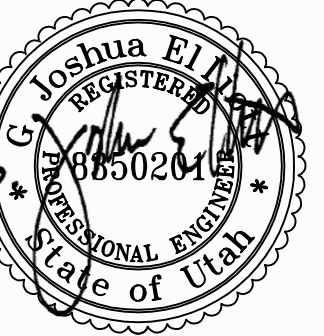
REV	DATE	DESCRIPTION

VCBO NUMBER: 19140
 CLIENT NUMBER: 00000
 DATE: DECEMBER 10, 2019

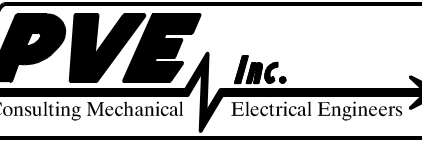
INTERMOUNTAIN ~ SHC 4TH FLOOR REMODEL
 INTERMOUNTAIN HEALTH CARE
 383 WEST VINE STREET MURRAY, UT 84123
 CONSTRUCTION DOCUMENTS

SIGNAGE SCHEDULE + PLANS

A700



12/10/19
RESERVED FOR STAMP



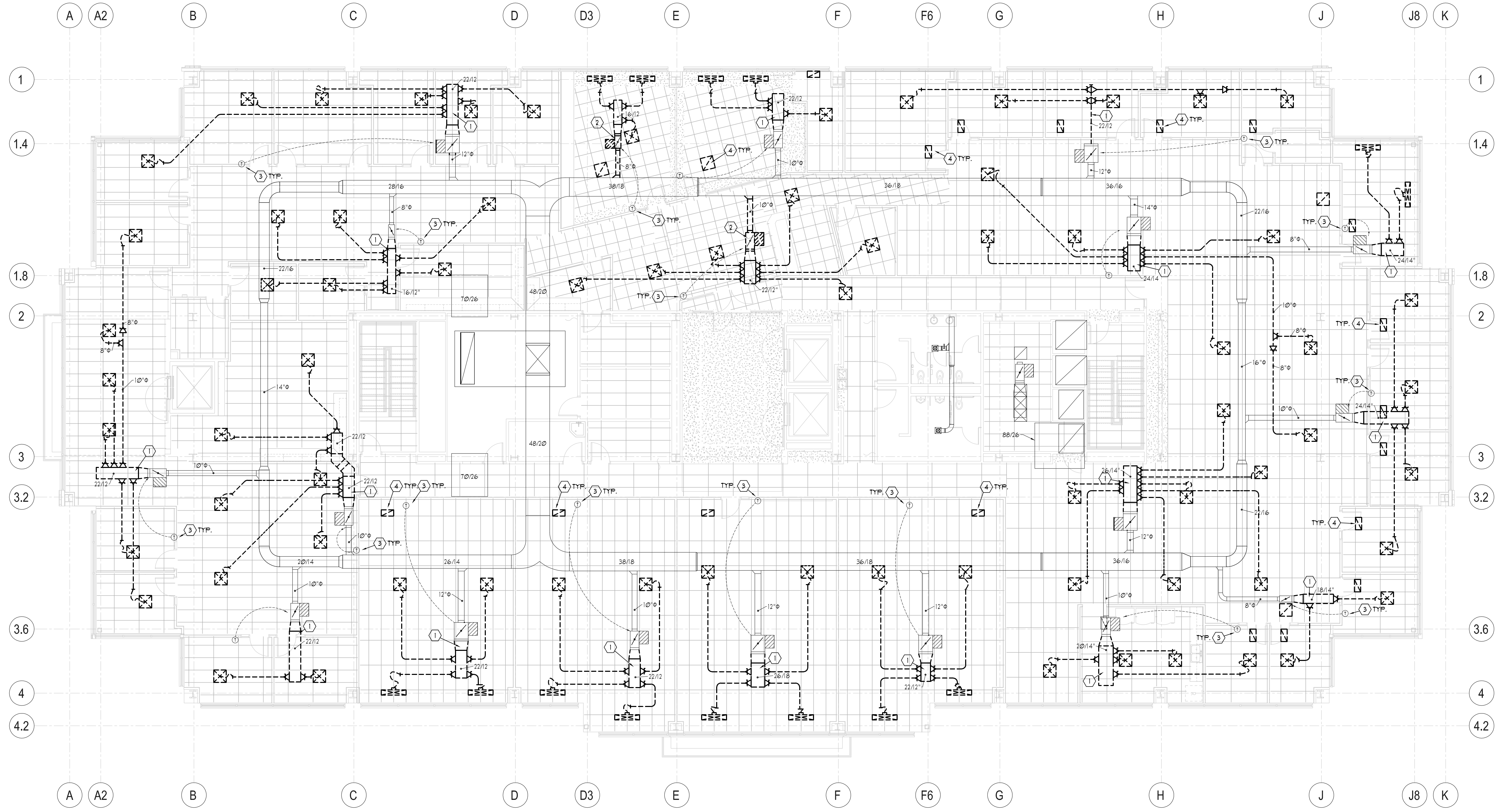
1040 North 2200 West, Suite 100
Salt Lake City, UT 84116
Phone: (801) 359-3158
Fax: (801) 521-4114

RESERVED FOR CONSULTANT LOGO

RESERVED FOR OFFICIAL

REV	DATE	DESCRIPTION

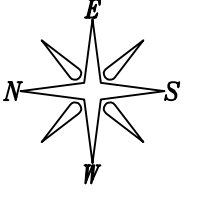
PVE NUMBER:	19130.00
CLIENT NUMBER:	19140
DATE:	2019 DEC. 10



- GENERAL NOTES**
- FIELD VERIFY ALL EXISTING CONDITIONS AND COORDINATE WORK WITH ALL OTHER TRADES. COORDINATE ALL EXISTING STRUCTURAL CONDITIONS AND INSURE ROUTING OF NEW MECHANICAL SYSTEMS AVOID CONFLICTS WITH EXISTING CONDITIONS AND NEW CONSTRUCTION.
 - CONTRACTOR TO MEASURE EXISTING AIR HANDLER AIR FLOWRATES AND AHU DIMENSIONS. BALANCE NEW AHU TO LISTED SCHEDULED RATINGS.
 - EXISTING AND NEW DUCT ROUTING TO BE IN THE CEILING SPACE ABOVE LAY-IN CEILING.

- KEYNOTES**
- REMOVE EXISTING DIFFUSERS AND DUCTWORK ASSOCIATED WITH DIFFUSERS. REMOVAL ALL DUCTWORK BACK TO THE VAV BOX. VAV BOXES TO REMAIN AND BE RE-BALANCED BASED ON NEW FLOOR LAYOUT.
 - REMOVE EXISTING VAV BOX AND GAP DUCTWORK BACK TO MEDIUM PRESSURE LOOP.
 - REMOVE EXISTING THERMOSTAT FOR REPLACEMENT OF NEW THERMOSTAT. TYPICAL.
 - REMOVE EXISTING RETURN AIR GRILL AND BOUND BOOT FOR NEW CEILING LAYOUT. TYPICAL.

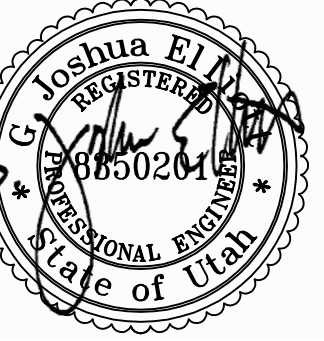
M104 MECHANICAL - 4TH FLOOR DEMO PLAN
SCALE: 1/8" = 1' - 0"
6' 4' 8' 12' 16'



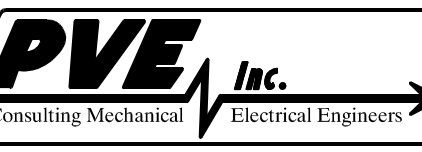
INTERMOUNTAIN SHC 4TH FLOOR REMODEL
INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRY, UT 84123
CONSTRUCTION BID / PERMIT SET

MECHANICAL - 4TH FLOOR DEMO PLAN

M104



12/10/19



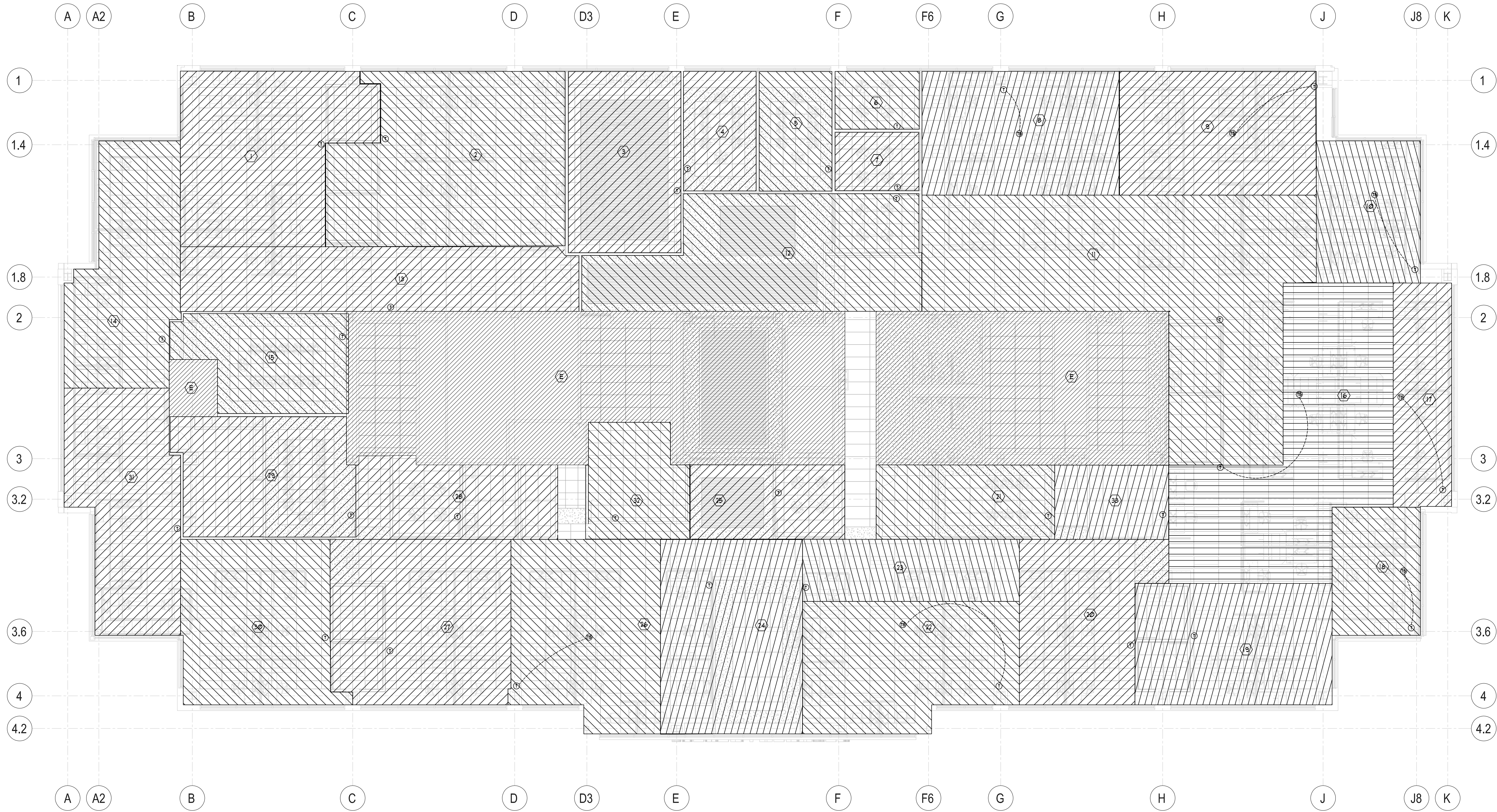
1040 North 2200 West, Suite 100
Salt Lake City, UT 84116
Phone: (801) 359-3158
Fax: (801) 521-4114

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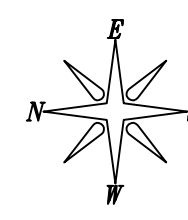
RESERVED FOR OFFICIAL

REV	DATE	DESCRIPTION

PVE NUMBER:	19130.00
CLIENT NUMBER:	19140
DATE:	2019 DEC. 10



MECHANICAL - 4TH FLOOR ZONING PLAN
SCALE: 1/8" = 1' - 0"
6' 4' 8' 12' 16'

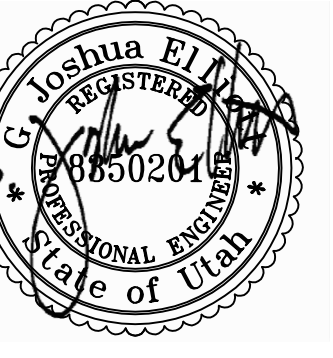


INTERMOUNTAIN SHC 4TH FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRY, UT 84123
CONSTRUCTION BID / PERMIT SET

MECHANICAL - 4TH FLOOR
ZONING PLAN

M204Z



12/10/19



1040 North 2200 West, Suite 100
Salt Lake City, UT 84116
Phone: (801) 359-3158
Fax: (801) 521-4114

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REV	DATE	DESCRIPTION

PVE NUMBER: 191300
CONTRACT NUMBER: 19140
DATE: 2019 DEC. 10

INTERMOUNTAIN SHC 4TH FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRY, UT 84123
CONSTRUCTION BID / PERMIT SET

MECHANICAL - 4TH FLOOR PLAN

M204

GENERAL NOTES

- FIELD VERIFY ALL EXISTING CONDITIONS AND COORDINATE WORK WITH ALL OTHER TRADES. COORDINATE ALL EXISTING STRUCTURAL CONDITIONS AND INSURE ROUTING OF NEW MECHANICAL SYSTEMS AVOID CONFLICTS WITH EXISTING CONDITIONS AND NEW CONSTRUCTION.
- CONTRACTOR TO MEASURE EXISTING AIR HANDLER AIR FLOW RATES AND JAU DIMENSIONS. BALANCE AHU TO NEW AIRFLOW RATE REQUIREMENTS.
- ALL EXPOSED DUCTWORK OR DUCTWORK ABOVE GYP. CEILINGS, GRILLS SHALL BE HARD DUCTED.
- USE YOUNG GEAR TYPE BALANCING REGULATORS ABOVE ALL GYP. BOARD CEILINGS.
- ALL MEDIUM PRESSURE DUCTWORK SHALL BE HELD TIGHT TO THE BOTTOM OF STRUCTURE. OFFSET AND TRANSITION AS REQUIRED.
- OFFSET AND TRANSITION ALL DUCTWORK AND PIPING AS REQUIRED.
- ALL VALVES SHALL BE LOCATED ABOVE ACCESSIBLE CEILINGS.
- PROVIDE ACCESS PANELS AS REQUIRED.
- CONTRACTOR TO COORDINATE ALL FINAL LOCATIONS OF T-STATS WITH OWNER AND ARCHITECT.
- CONTRACTOR TO COORDINATE GRILLS WITH REFLECTED CEILING GRID.
- REFER TO ALL M6 - DETAIL SHEETS FOR INSTALLATION DETAILS. ALL DETAILS ARE NOT CALLED OUT AND DETAIL SHEETS SHOULD BE FOLLOWED FOR ALL INSTALLATION PURPOSES.
- INSTALL NEW BUILDING MANAGEMENT SYSTEM (BMS). ALL EXISTING THERMOSTATS (T-STAT) ON LEVEL 4 OF THE BUILDING SHALL BE REPLACED AND CONNECTED TO NEW BMS SYSTEM.

KEYNOTES

- PROVIDE AND INSTALL NEW VAV RE-HEAT BOXES AS CALLED FOR. PROVIDE ACTUATED VALVE CIRCUIT SETTERS AND ISOLATION VALVES FOR NEW VAV BOXES. CONTRACTOR TO PROVIDE AND INSTALL ANY/ALL SEISMIC RESTRAINTS AS CALLED FOR PER CONTRACTOR'S PROFESSIONAL STRUCTURAL ENGINEER. PROVIDE AND INSTALL NEW HETS ON MEDIUM PRESSURE DUCTWORK TO VAV BOXES.
- REPLACE EXISTING T-STAT WITH NEW T-STAT AND PLACE AT LOCATION SHOWN. ALL T-STATS TO COMMUNICATE TO NEW BMS SYSTEM. PROVIDE NEW FLENUM RATED T-STAT WIRING. (TYPICAL).
- PROVIDE AND INSTALL NEW T-STAT AND COMMUNICATE TO NEW BMS SYSTEM.
- PROVIDE TEMPERATURE SENSOR (TS) AND MOUNT TO CEILING IN SHOWN LOCATION. WIRE TS TO T-STAT AND SO THAT IT READS TEMPERATURE OF THE SPACE.
- PROVIDE SOUND BOOT (PAINT FLAT BLACK INSIDE DUCTWORK) ON ALL RETURN AIR GRILLS. (TYPICAL).
- RE-BALANCE EXISTING VAV BOX TO NEW CRP'S CALLED FOR ON THE VAV SCHEDULE.
- COORDINATE WITH ARCH'S AND ELECTRICAL'S LIGHTING LAYOUT FOR FINAL PLACEMENT OF GRILLS. PROVIDE ANY/ALL MODIFICATIONS. (TYPICAL).
- INSURE THAT SLOT DIFFUSER VANS ARE TURNED INWARDS TO DIRECT THE AIRFLOW INWARD TOWARDS THE SPACE.
- PROVIDE AN 8" DUCT DUCT TO IT ROOM FROM MEDIUM PRESSURE LOOP. BALANCE AIR FLOW TO 400 CFM.
- ROUTE LOW PRESSURE SUPPLY DUCTWORK BELOW MEDIUM PRESSURE DUCTWORK. PROVIDE TRANSITIONS AND FITTINGS AS REQUIRED. TYPICAL.
- PROVIDE CO2 SENSOR FOR VENTILATION PURPOSES. INCREASE AIR FLOW TO 6PM IF CO2 LEVELS INCREASE PAST 600 PPM.
- MOUNT MSU AT 7' A.F.F.
- PROVIDE TURNING VANES ON RECTANGULAR ELBOWS. TYPICAL.
- PROVIDE ACCESS PANEL AS NEEDED FOR SERVICE OF UNIT.
- TRANSFER AIR DUCTING FOR THE AIR HANDLING UNIT ON THE 4TH FLOOR. INSURE THAT THE RETURN AIR DUCTING TO THE AIR HANDLING UNIT MATCHES EXISTING AND IS UNRESTRICTED.

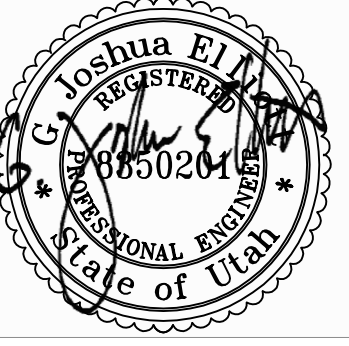
MECHANICAL - 4TH FLOOR PLAN
SCALE: 1/8" = 1' - 0"
N

NEW VAV BOXES

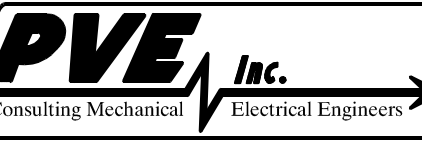
4.1 DR 1330 3.0 360	4.2 CR 960 2.0 230	4.3 BR 640 2.0 130
4.4 BR 560 2.0 130	4.5 BR 260 2.0 52	4.6 CR 760 2.0 235
4.7 DR 1335 3.0 380	4.8 ER 1600 3.0 540	4.9 BR 540 2.0 135
4.10 CR 1200 2.0 180	4.11 CR 1 315 2.0 95	4.12 BR 1 435 2.0 130
4.13 CR 960 2.0 300	4.14 BR 440 2.0 110	4.15 BR 315 2.0 95

EXISTING VAV BOXES - RE-BALANCE

4.1(E) (EX) 600 2.0 180	4.2(E) (EX) 1330 3.0 385	4.3(E) (EX) 640 2.0 130
4.4(E) (EX) 1335 3.0 450	4.5(E) (EX) 2000 3.0 700	4.6(E) (EX) 600 2.0 145
4.7(E) (EX) 900 3.0 180	4.8(E) (EX) 600 2.0 145	4.9(E) (EX) 1300 3.0 315
4.10(E) (EX) 1300 2.0 180	4.11(E) (EX) 1305 3.0 300	4.12(E) (EX) 1400 3.0 450
4.13(E) (EX) 900 2.0 215	4.14(E) (EX) 1135 3.0 410	4.15(E) (EX) 1000 2.0 225
4.16(E) (EX) 600 2.0 250	4.17(E) (EX) 360 2.0 300	



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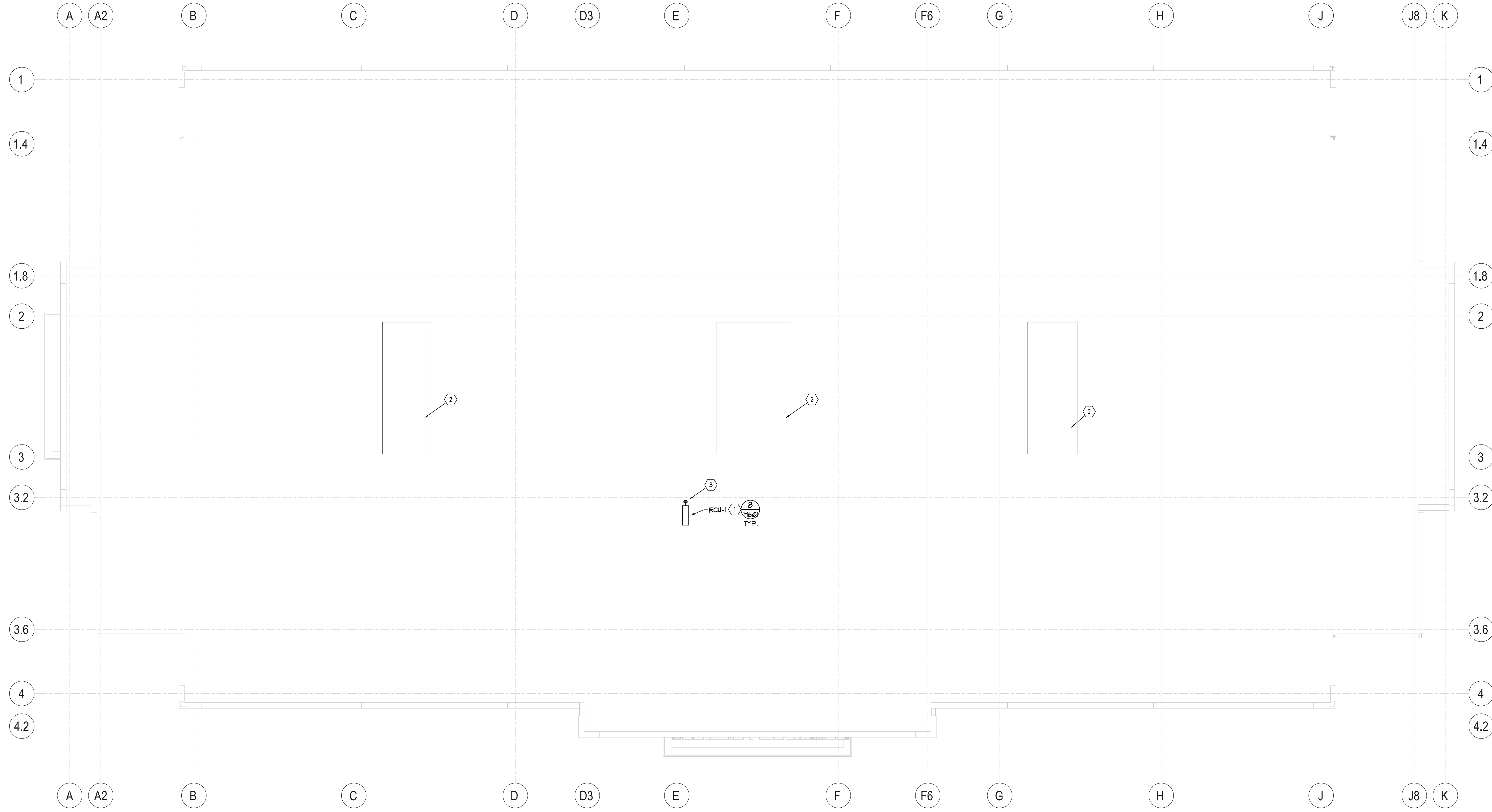
REV	DATE	DESCRIPTION

PVE NUMBER:	19130.00
CLIENT NUMBER:	19140
DATE:	2019 DEC. 10

INTERMOUNTAIN SHC 4TH FLOOR REMODEL
INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRY, UT 84123
CONSTRUCTION BID / PERMIT SET

MECHANICAL - ROOF PLAN

M205



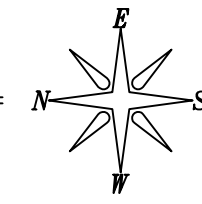
GENERAL NOTES

- EXISTING EQUIPMENT SHOWN ON ROOF FOR CONTRACTOR REFERENCE. CONTRACTOR IS REQUIRED TO FIELD VERIFY EQUIPMENT AND INSURE NEW EQUIPMENT ROUTING DOES NOT INTERFERE WITH EXISTING EQUIPMENT.
- REFERENCE MECHANICAL FLOOR PLAN FOR CONTINUATION OF REFRIGERANT PIPING.

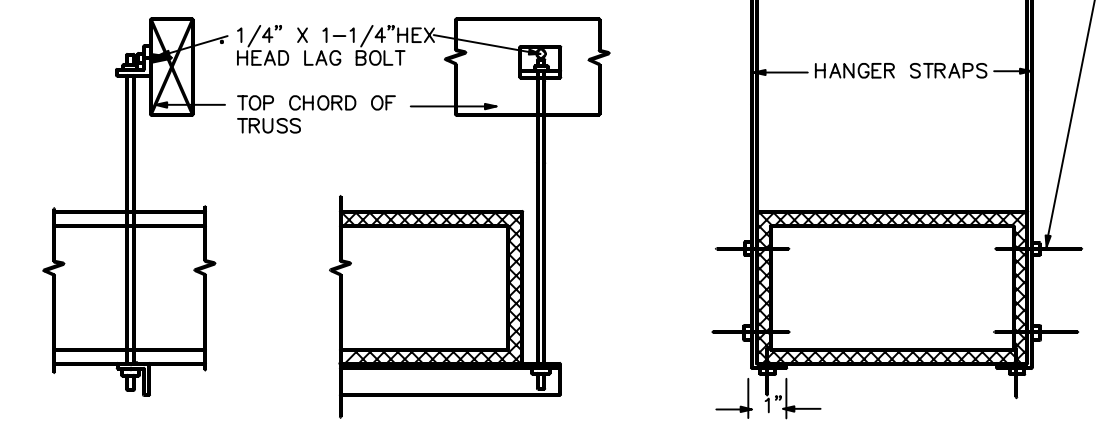
KEYNOTES

- OUTDOOR UNIT FOR MSU-1 TO BE MOUNTED TO CONDENSER CURB. ROUTE REFRIGERANT PIPING NEXT TO THE SIDE OF THE CONDENSER CURB.
- EXISTING MECHANICAL ROOF EQUIPMENT SHOWN FOR REFERENCE. CONTRACTOR TO FIELD VERIFY THE LOCATION OF THE EQUIPMENT AND INSURE THAT NEW CONDENSER UNIT IS PLACED A MIN OF 5 FT AWAY FROM EXISTING EQUIPMENT.
- REFERENCE MECHANICAL FLOOR PLAN (M204) FOR CONTINUATION OF REFRIGERANT PIPING TO MSU UNIT.

M205 MECHANICAL - ROOF PLAN
SCALE: 1/8" = 1' - 0"
6' 0" 4' 0" 2' 0" 12" 16"

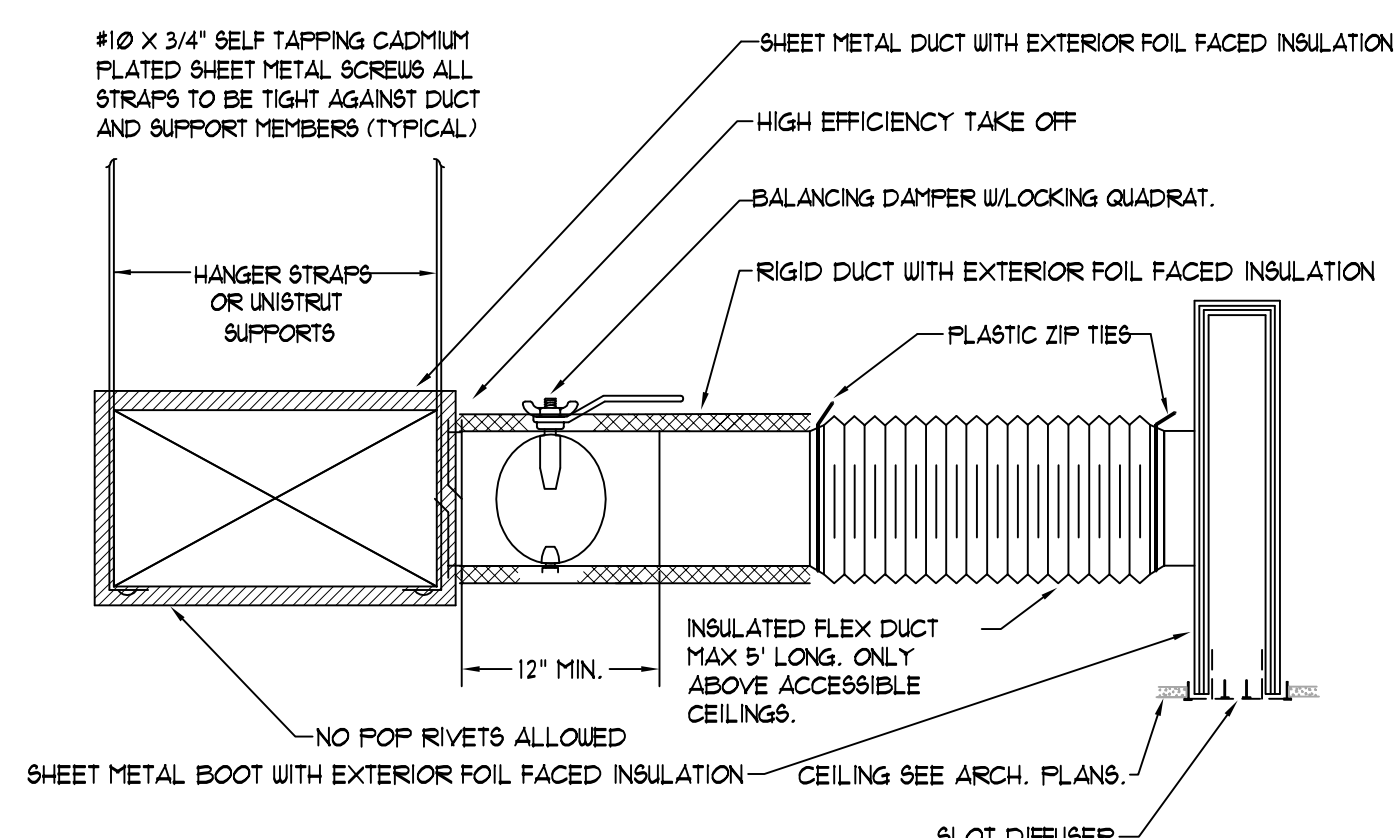


MAX. SIDE	HANGER	HORIZONTAL SUPPORT ANGLE	MAXIMUM SPACING
30"	1/2" ROD	90°	8'0"
36"	1/2" ROD	1-1/2" (1-1/2" MIN.)	8'0"
48"	1/2" ROD	2" (1 1/2" MIN.)	8'0"
60"	1/2" ROD	2 1/2" (1 1/2" MIN.)	8'0"
84"	1/2" ROD	2 1/2" (1 1/2" MIN.)	8'0"



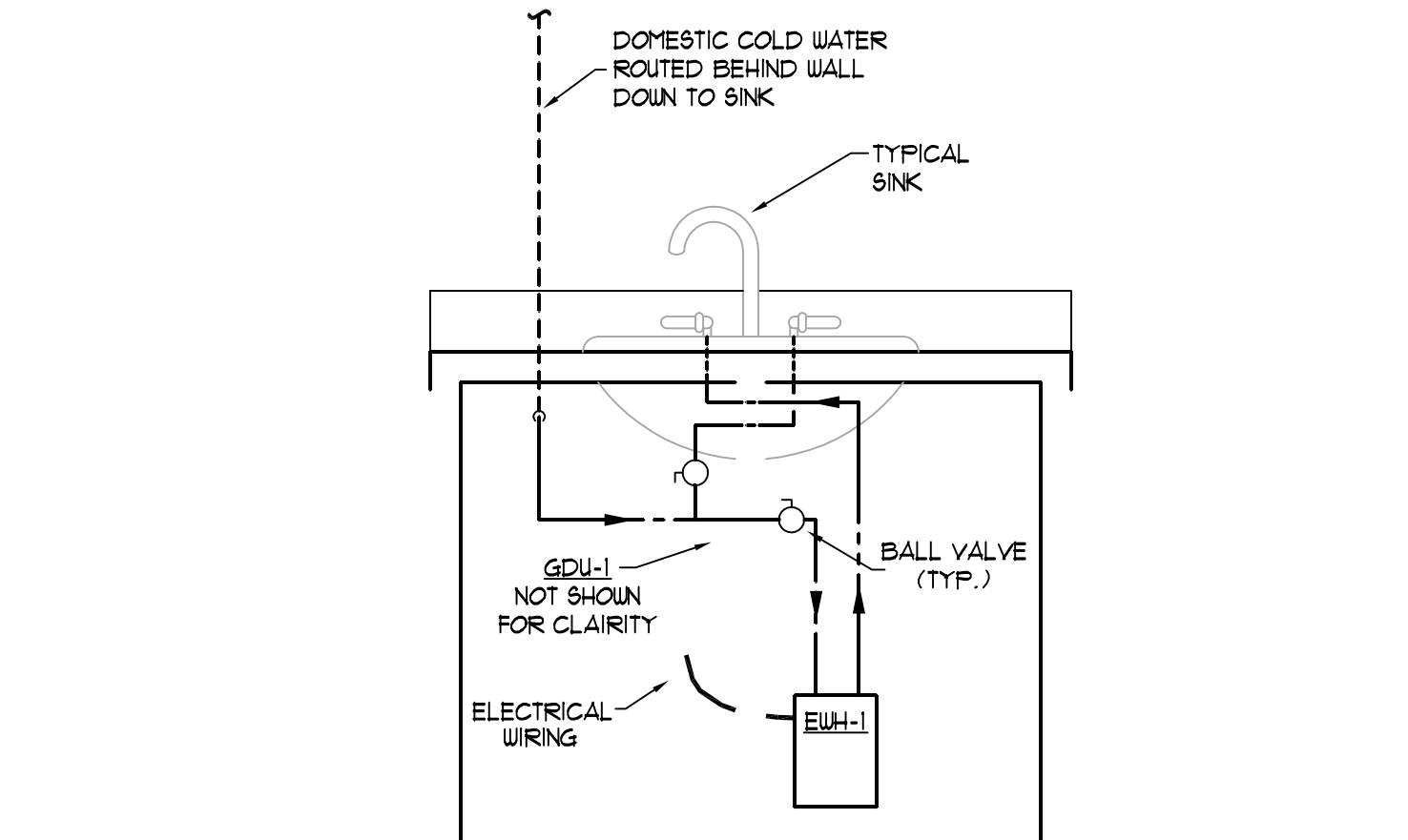
13 DUCT STRAP HANGER DETAIL

SCALE: NTS



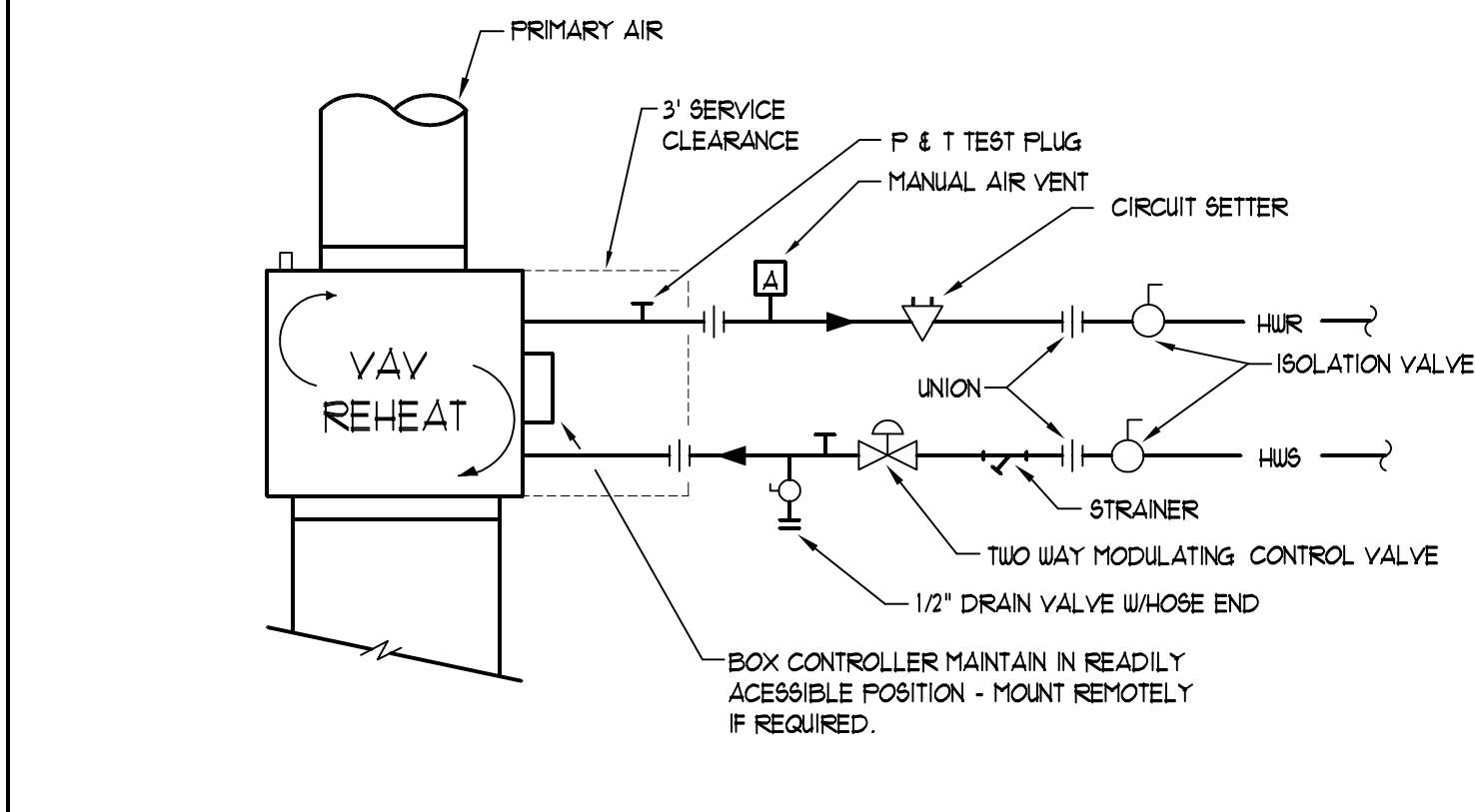
9 DIFFUSER MOUNTING DETAIL (SLOT)

SCALE: NTS



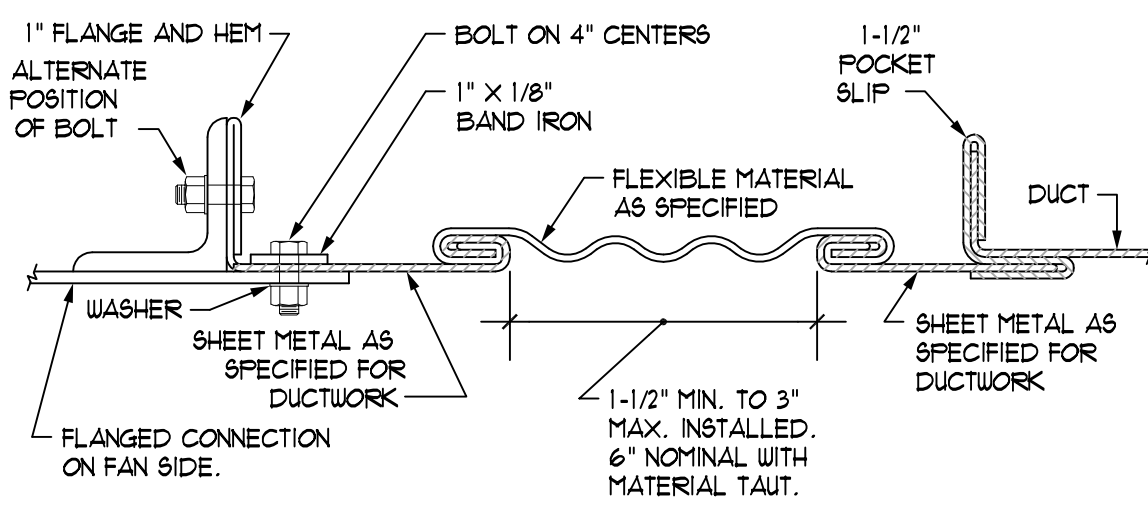
5 ELECTRIC WATER HEATER-WELLNESS ROOM PIPING DETAIL

SCALE: NTS



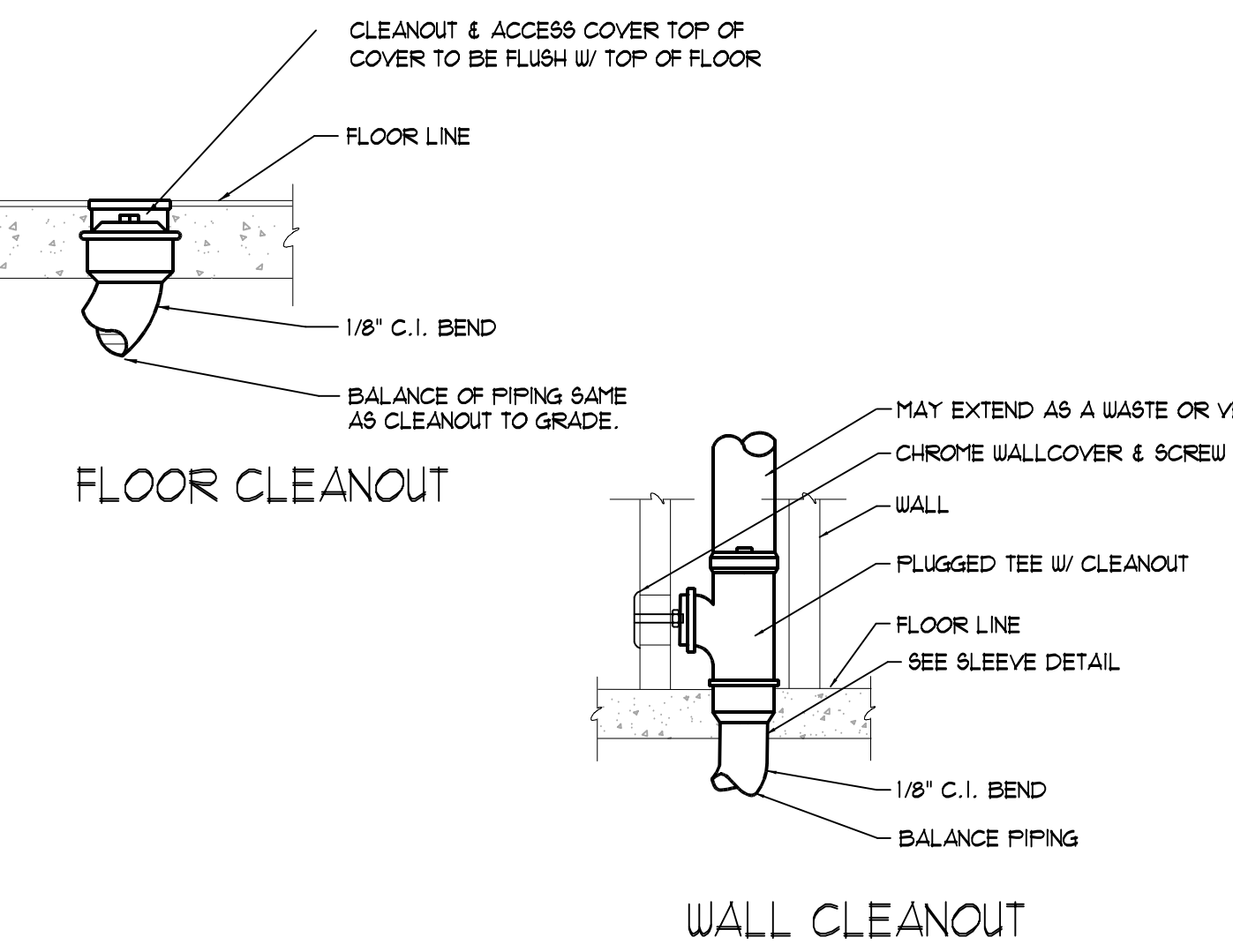
1 VAV REHEAT TERMINAL PIPING DETAIL

SCALE: NTS



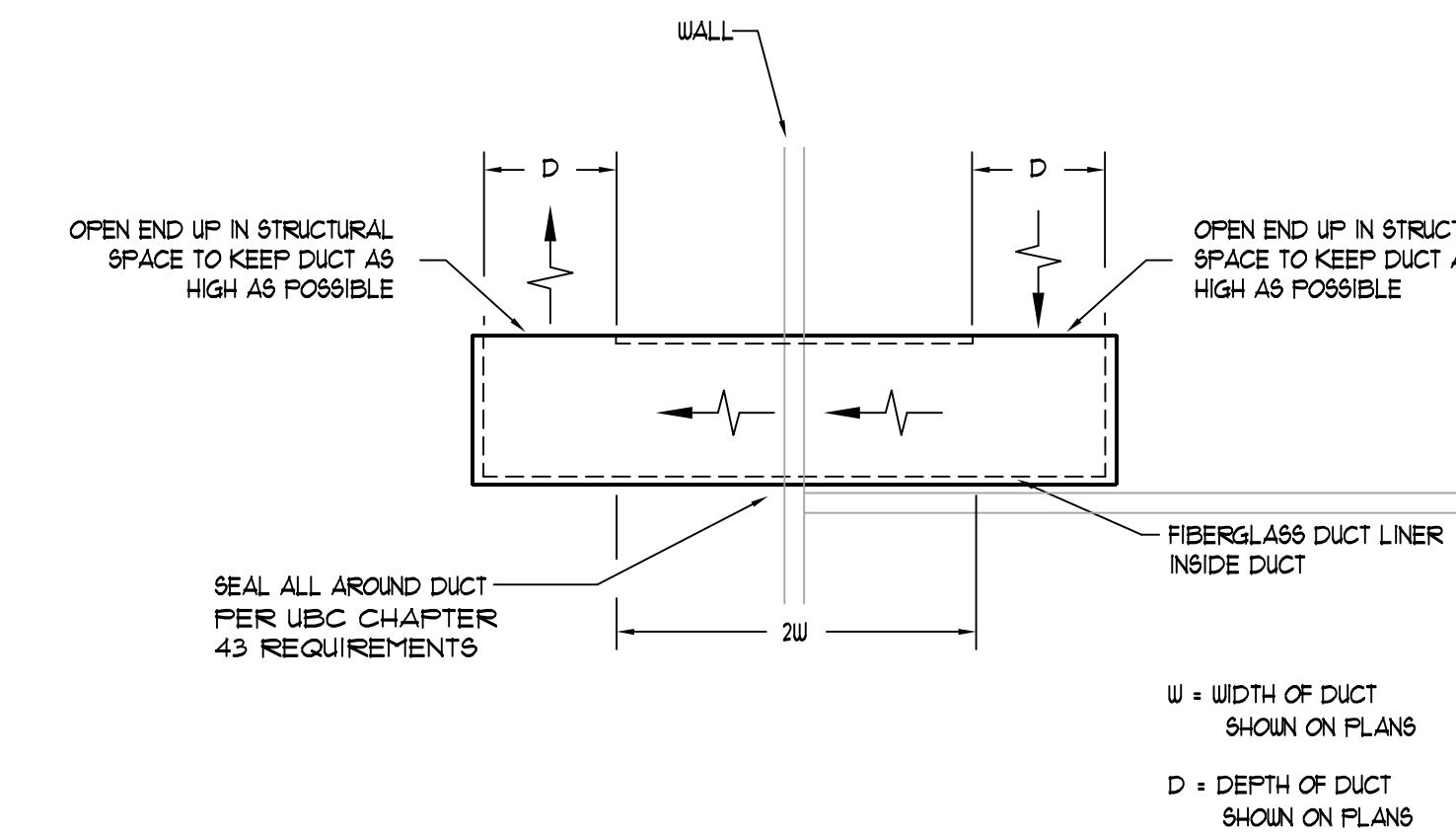
14 RECTANGULAR FLEXIBLE CONNECTION DETAIL

SCALE: NTS



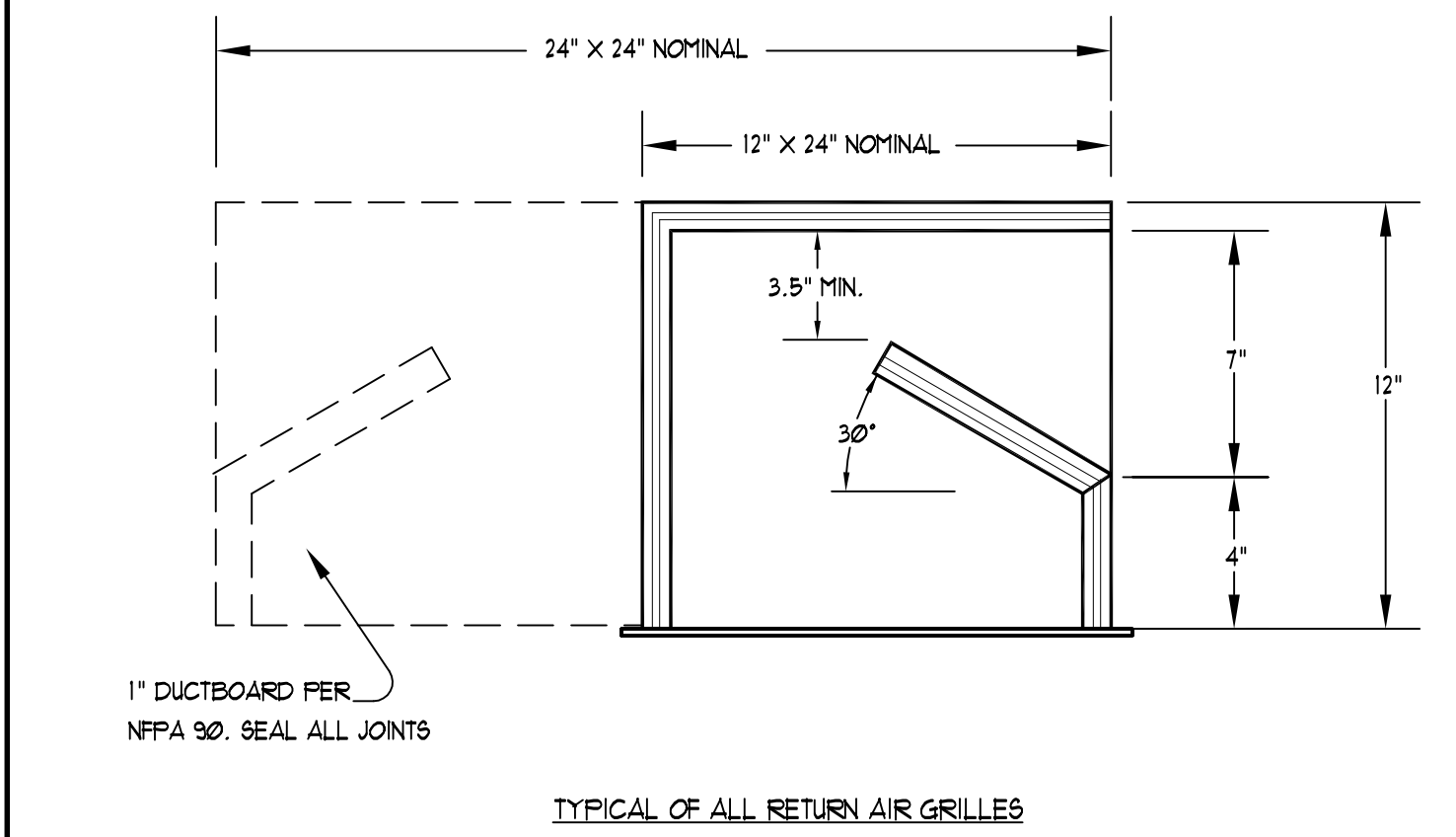
10 CLEANOUT DETAIL

SCALE: NTS



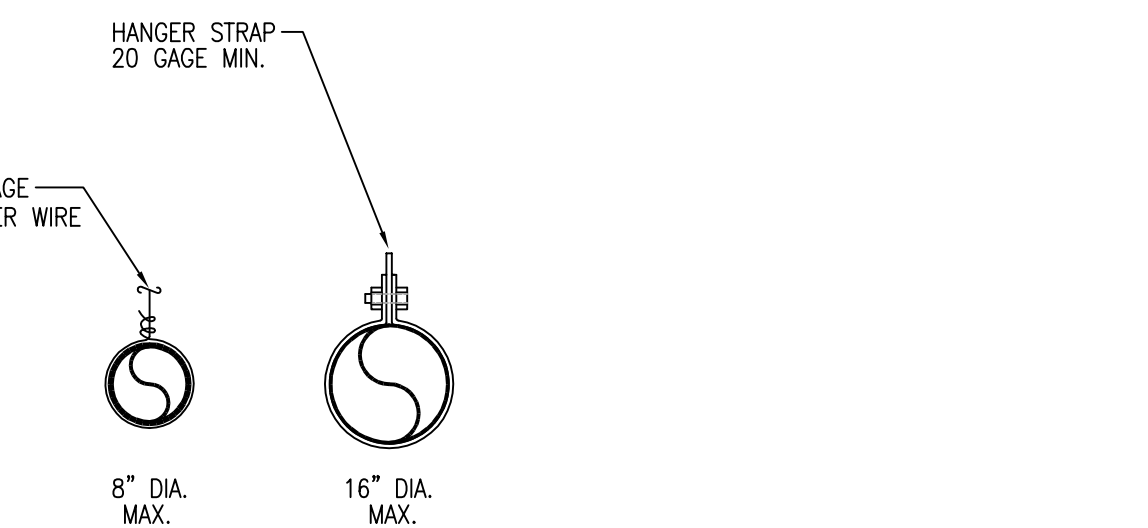
6 TRANSFER AIR DUCT DETAIL

SCALE: NTS

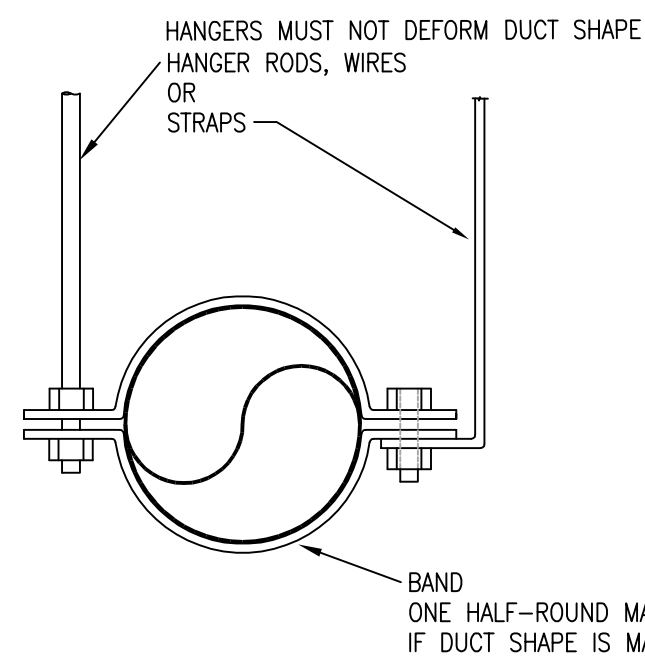


2 RETURN AIR GRILLE SOUND BOOT DETAIL

SCALE: NTS



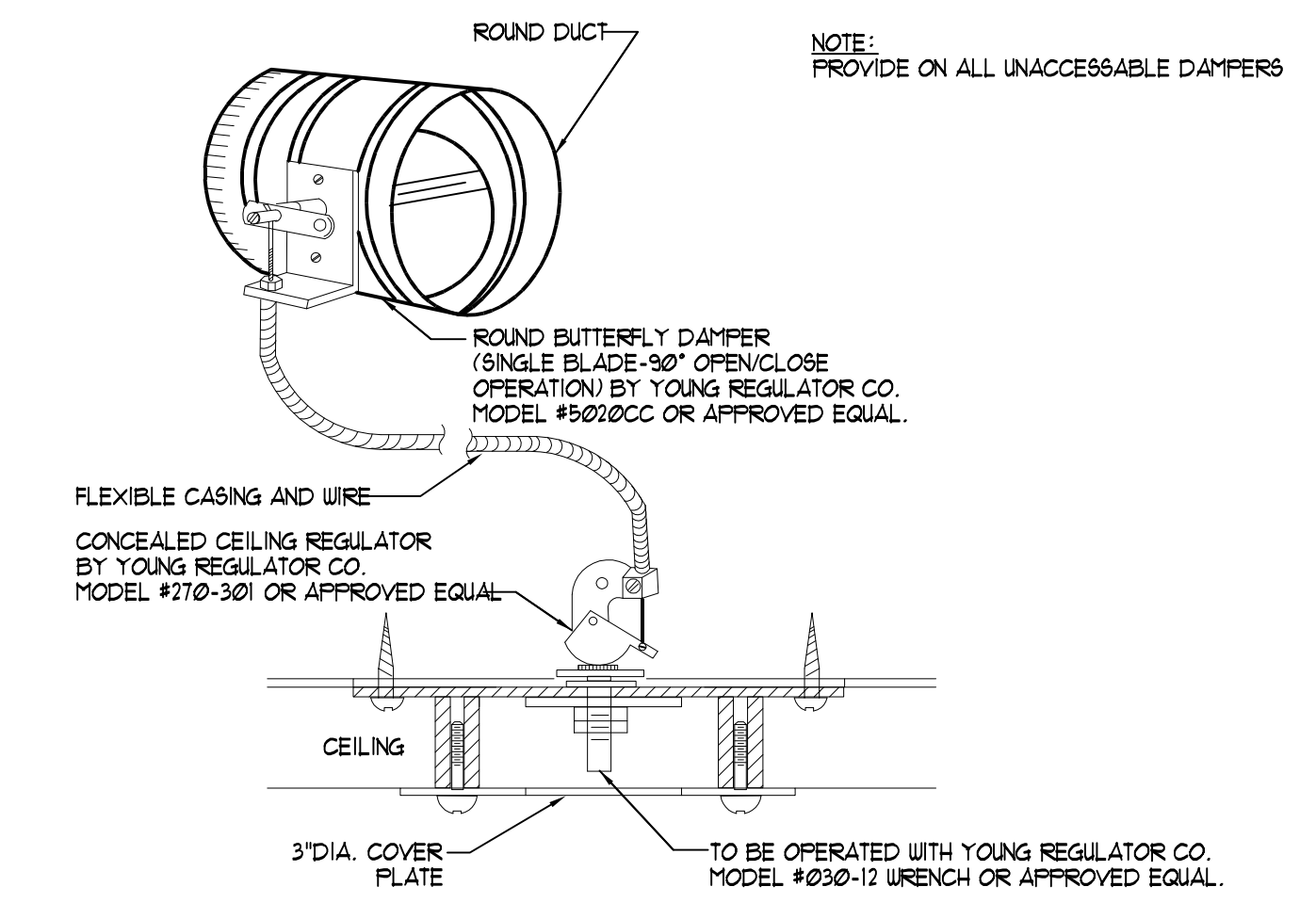
REFERENCE:
LATEST EDITION OF SMACNA HVAC DUCT CONSTRUCTION STANDARDS LOWER HANGER ATTACHMENTS FIGURE



DIAMETER	MAXIMUM SPACING	WIRE DIA.	ROD	STRAP
10" DN	12'	ONE 12 Ga.	1/4"	1 1/2" Gs.
11-18"	12'	TWO 12 Ga. OR ONE 8 Ga.	1/4"	1 1/2" Gs.
19-24"	12'	TWO 10 Ga.	1/4"	1 1/2" Gs.
25-36"	12'	TWO 8 Ga.	3/8"	1 1/2" Gs.
37-50"	12'	N/A	TWO 3/8"	TWO 1 1/2" Gs.
51-60"	12'	N/A	TWO 3/8"	TWO 1 1/2" Gs.
61-84"	12'	N/A	TWO 3/8"	TWO 1 1/2" Gs.

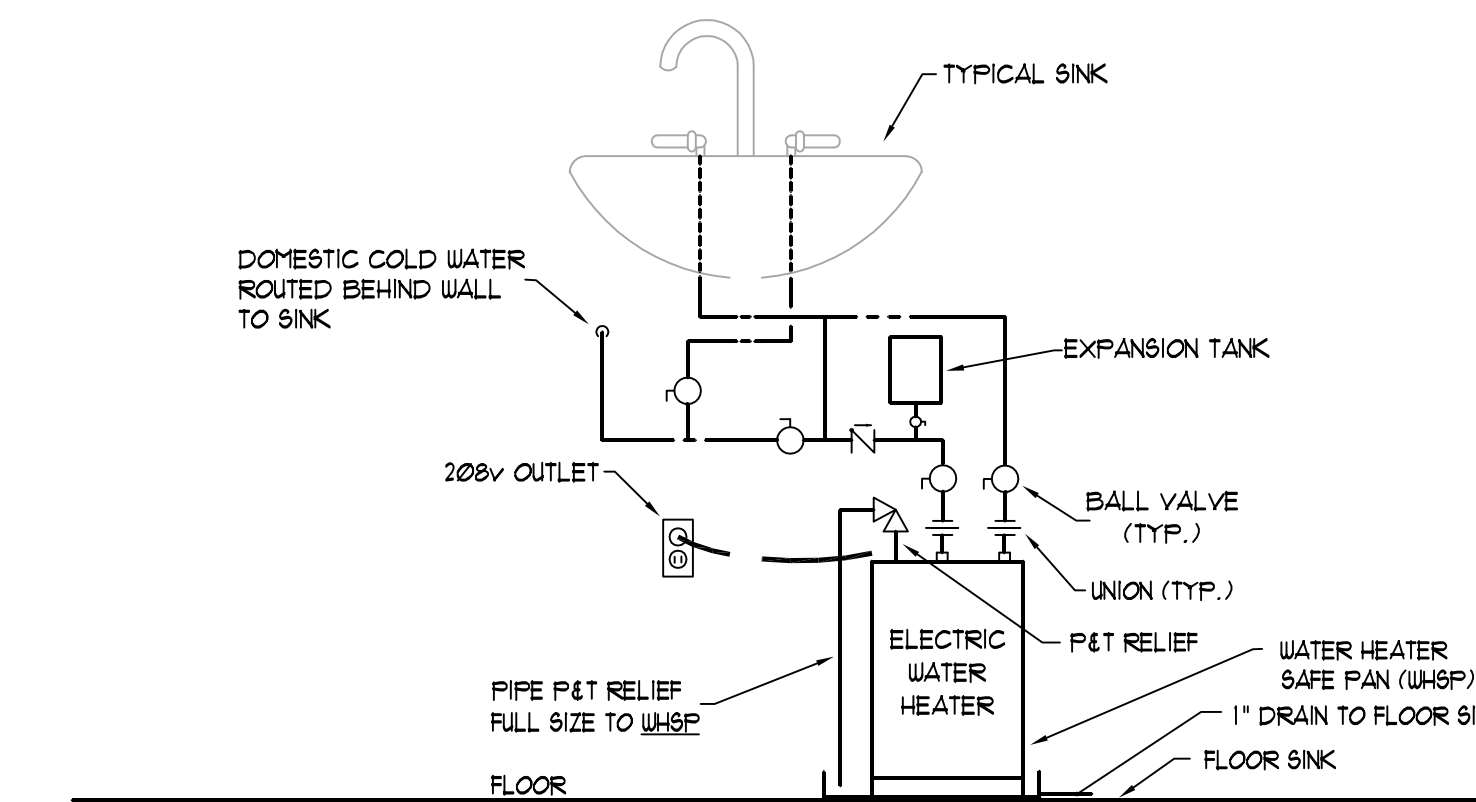
15 ROUND DUCT HANGER DETAIL

SCALE: NTS



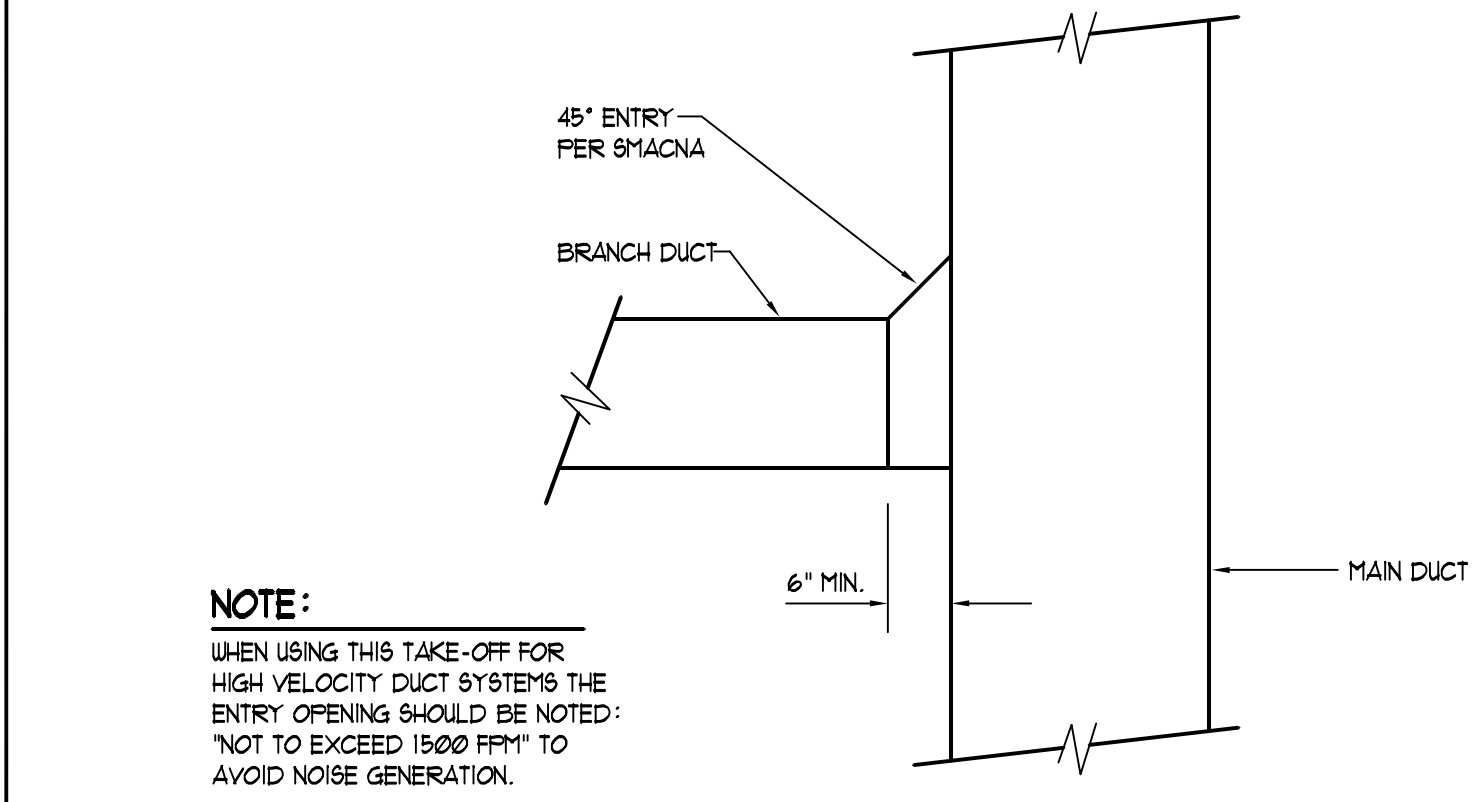
11 DAMPER AND REGULATOR DETAIL

SCALE: NTS



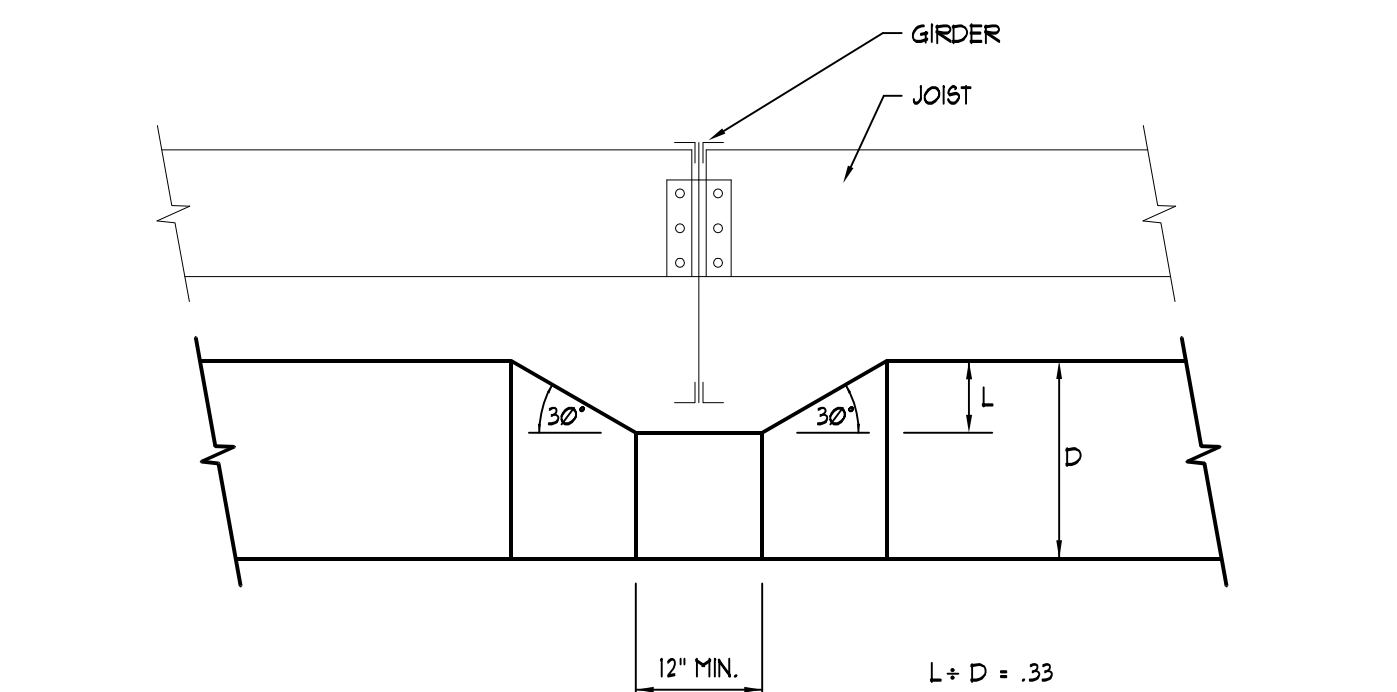
7 ELECTRIC WATER HEATER PIPING - BREAK ROOM DETAIL

SCALE: NTS



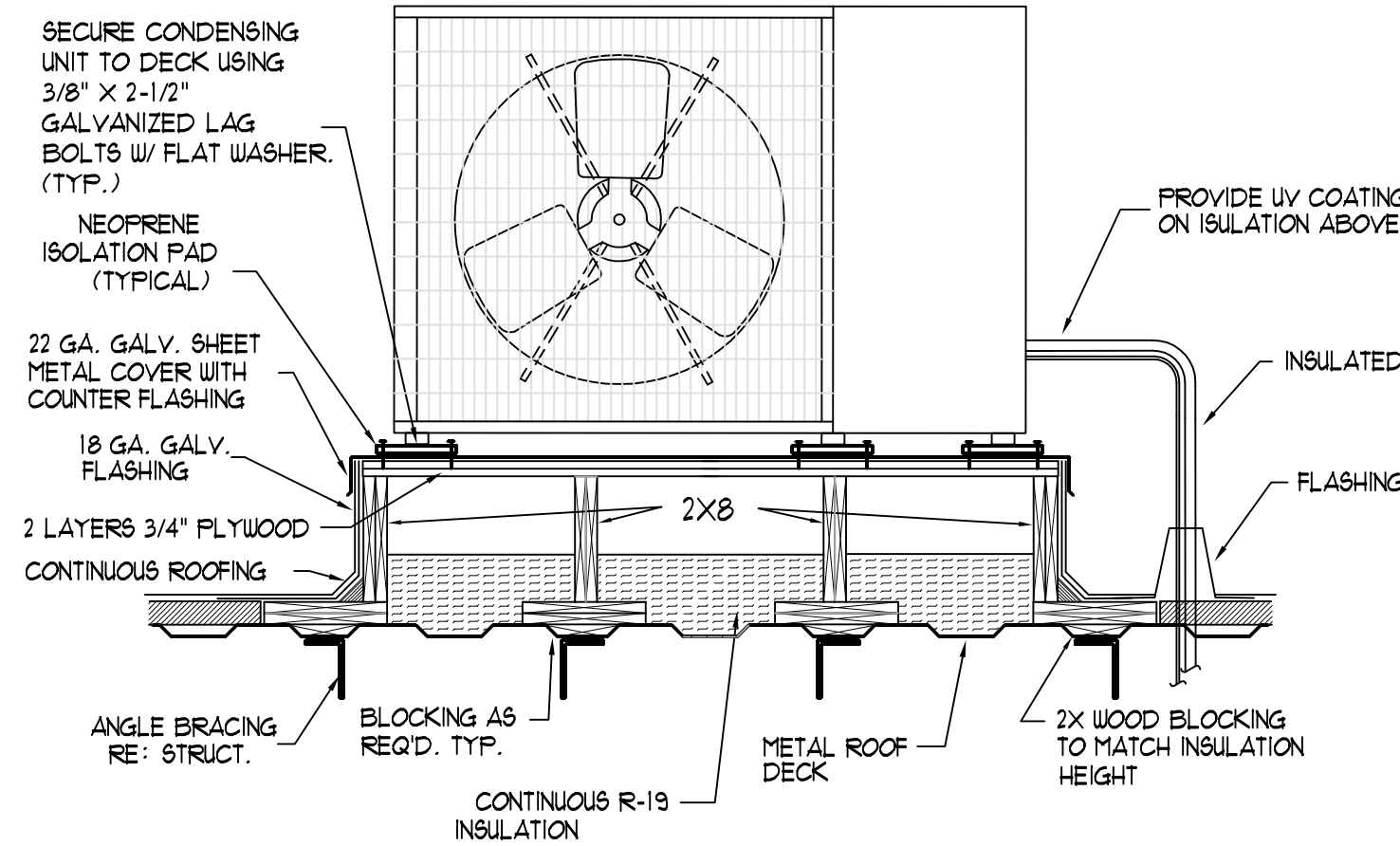
3 TYPICAL DUCT TAKEOFF DETAIL

SCALE: NTS



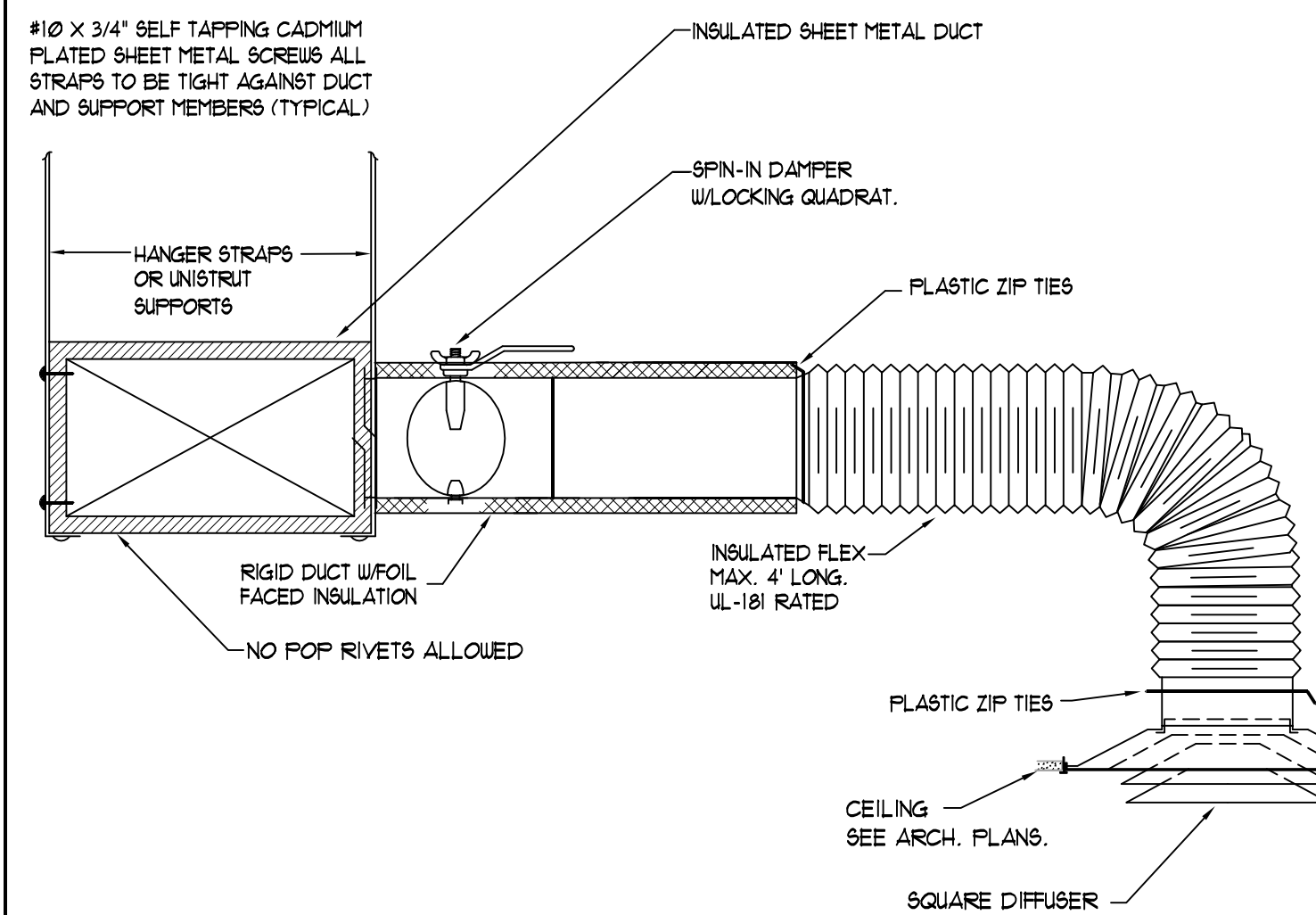
12 DUCT SLICE DETAIL

SCALE: NTS



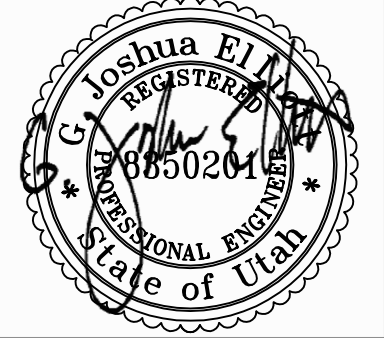
8 HDC RAISED CONDENSER PAD DETAIL

SCALE: NTS

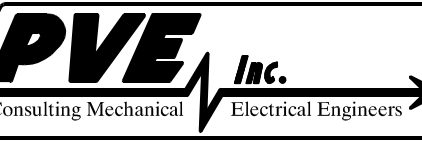


4 DIFFUSER MOUNTING DETAIL (SQUARE)

SCALE: NTS



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DATE:	2019 DEC. 10

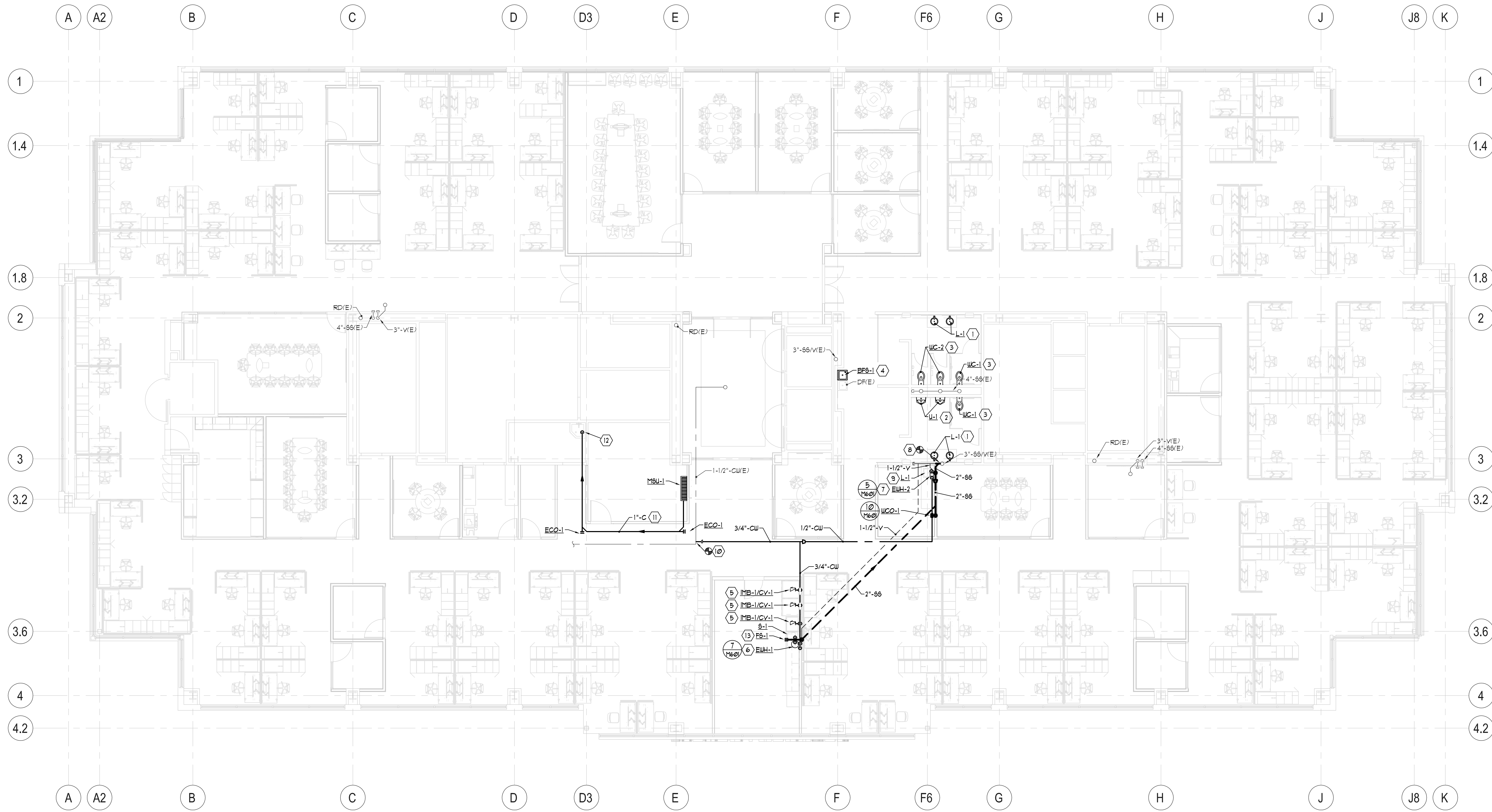
INTERMOUNTAIN SHC 4TH FLOOR REMODEL

INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRY, UT 84123

CONSTRUCTION BID / PERMIT SET

PLUMBING - 4TH FLOOR PLAN

P204



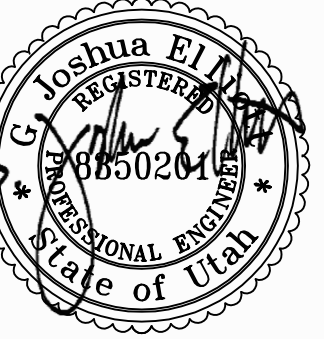
PLUMBING - 4TH FLOOR PLAN
SCALE: 1/8" = 1' - 0"
6' 0" 4' 0" 2' 0" 1' 0" 0"

GENERAL NOTES

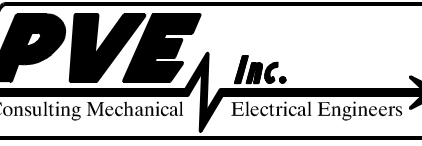
- FIELD VERIFY ALL EXISTING CONDITIONS AND COORDINATE WORK WITH ALL OTHER TRADES. COORDINATE ALL EXISTING STRUCTURAL CONDITIONS AND INSURE ROUTING OF NEW PLUMBING SYSTEMS AVOID CONFLICTS WITH EXISTING CONDITIONS AND NEW CONSTRUCTION.

KEYNOTES

- REMOVE AND PROVIDE NEW LAVATORY. PROVIDE ALL PIPE AND MOUNTING FITTINGS/TRANSITIONS REQUIRED TO REPLACE LAVATORY.
- REMOVE AND PROVIDE NEW URINALS. KEEP EXISTING WALL CARRIER TO MOUNT URINAL. PROVIDE ALL PIPE AND MOUNTING FITTINGS/TRANSITIONS REQUIRED TO REPLACE URINALS.
- REMOVE AND PROVIDE NEW WATER CLOSETS. KEEP EXISTING WALL CARRIER TO MOUNT WATER CLOSETS. PROVIDE ALL PIPE AND MOUNTING FITTINGS/TRANSITIONS REQUIRED TO REPLACE WATER CLOSETS.
- REPLACE EXISTING ELECTRICAL WATER COOLER TOP WITH NEW BOTTLE FILLING STATION. PROVIDE ALL NECESSARY COLD WATER PIPING AND TIE INTO EXISTING WATER LINES FOR NEW FILLING STATION.
- PROVIDE 1/2" COLD WATER LINE TO THE ICE MAKER BOX FOR REFRIGERATOR/COFFEE MACHINE. PROVIDE CHECK VALVE IN WALL PRIOR TO ICE MAKER BOX. TYP.
- INSTALL WATER HEATER UNDERNEATH SINK. PROVIDE EXPANSION TANK AND INSTALL TANK ON COLD WATERSIDE OF WATER HEATER. PROVIDE 1/2" HOT WATER LINE TO SERVICE SINK. ENSURE ALL EQUIPMENT CLEARANCES ARE MET.
- INSTALL WATER HEATER UNDERNEATH SINK. PROVIDE 1/2" HOT WATER LINE TO SERVICE SINK. ENSURE ALL EQUIPMENT CLEARANCES ARE MET.
- TIE NEW WASTE LINE AND VENT LINE INTO EXISTING WASTE AND VENT MAIN.
- PROVIDE 1/2" COLD WATER LINE TO SINK. RUN WATER LINE BETWEEN WALL.
- TIE INTO EXISTING DOMESTIC COLD WATER LINE ABOVE CEILING. PROVIDE SHUT OFF VALVE FOR NEW WATER LINE.
- ROUTE PUMPED CONDENSATE DRAIN LINE FROM MSU TO EXISTING JANITOR SINK IN JANITORS ROOM. PROVIDE END CLEAN OUTS FOR EVERY 90° CHANGE. SLOW CONDENSATE DRAIN AT 1/8" / FT.
- CONDENSATE DRAIN LINE TO DROP DOWN WALL AND DISCHARGE INTO EXISTING JANITORS SINK. PROVIDE AIR GAP BETWEEN CONDENSATE DRAIN AND SINK.
- ADD FLOOR SINK BELOW SINK. PLACE FLOOR SINK HALF WAY BETWEEN THE BREAK ROOM AND UNDERNEATH COUNTER.



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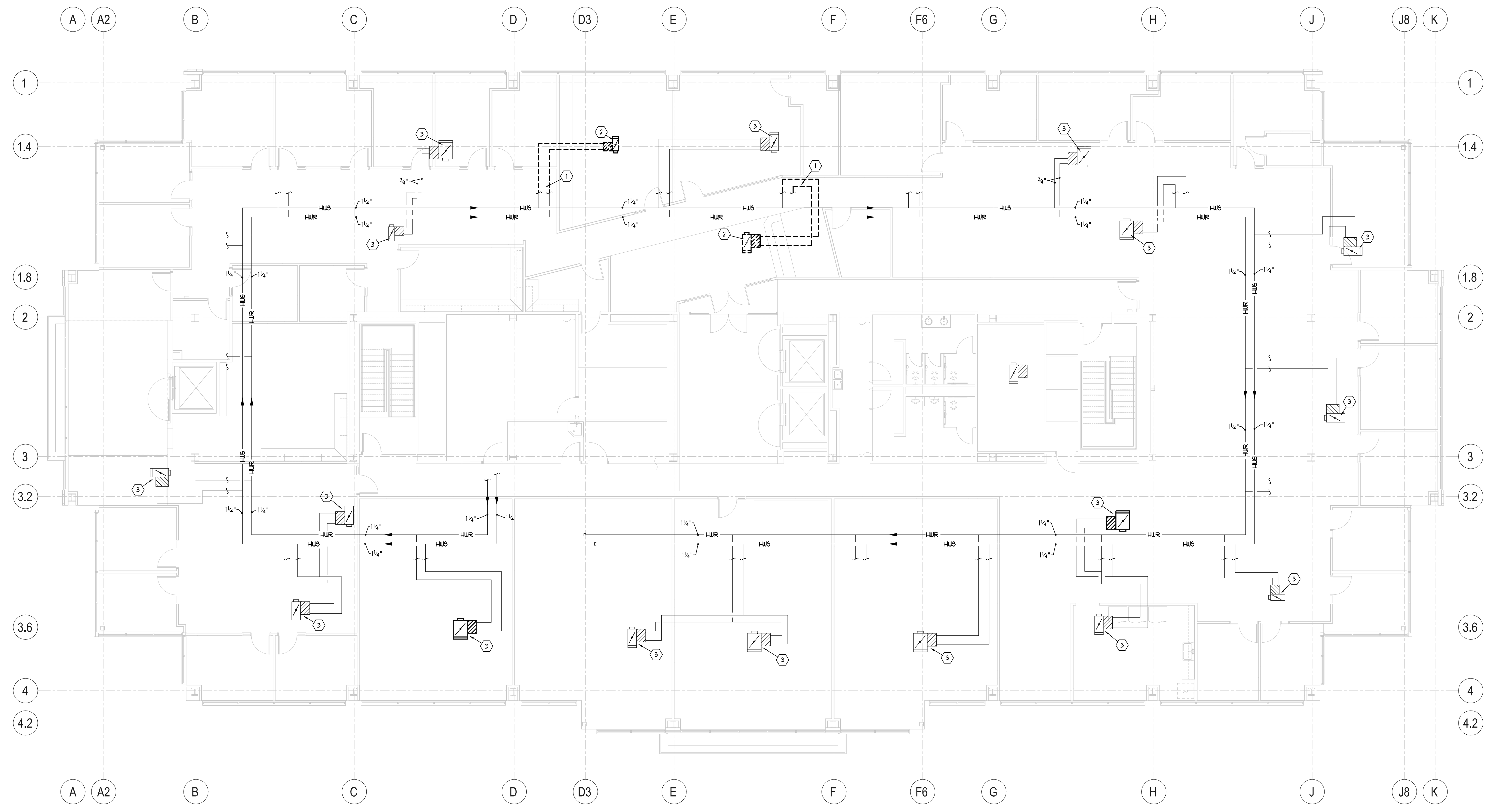
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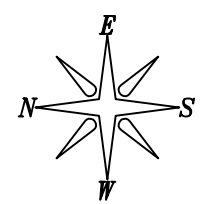
PVE NUMBER: 19130.00
CLIENT NUMBER: 19140
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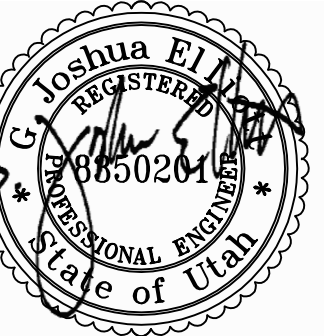


- GENERAL NOTES**
- FIELD VERIFY ALL EXISTING CONDITIONS AND COORDINATE WORK WITH ALL OTHER TRADES. COORDINATE ALL EXISTING STRUCTURAL CONDITIONS AND INSURE ROUTING OF NEW MECHANICAL SYSTEMS AVOIDS CONFLICTS WITH EXISTING CONDITIONS AND NEW CONSTRUCTION.
 - BALANCE EXISTING VAV REHEATS TO LISTED SCHEDULED VALUES.

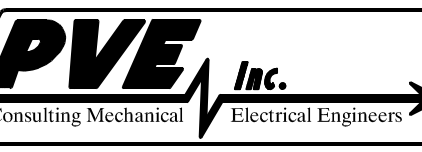
- KEYNOTES**
- REMOVE EXISTING HOT WATER PIPING TO REHEAT VAV BOX. PROVIDE SHUT OFF VALVE AND CAP FOR NEW VAV BOX INSTALLATIONS.
 - REMOVE EXISTING VAV BOX.
 - VAV BOX TO REMAIN. CONTRACTOR TO MEASURE EXISTING FLOW RATES AND REBALANCE BOXES AFTER NEW CONSTRUCTION. FIELD VERIFY EXACT LOCATION AND ROUTING OF HOT WATER. TYPICAL.

UTILITIES PIPING - 4TH FLOOR DEMO PLAN
UF204D
SCALE: 1/8" = 1' - 0"
6' 0" 4' 0" 2' 0" 12' 0" 16' 0"





12/10/19



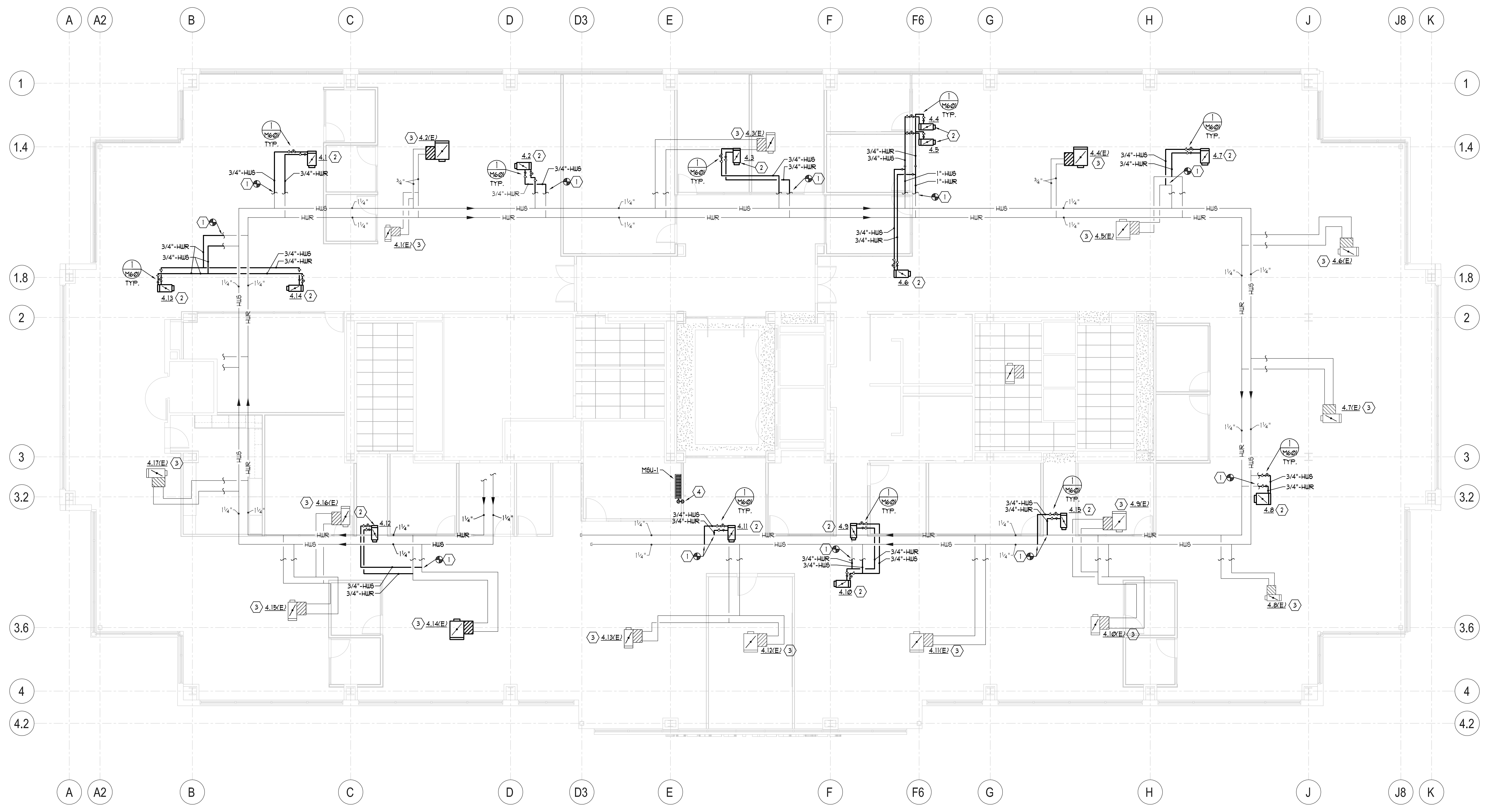
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DATE:	2019 DEC. 10



- GENERAL NOTES**
- FIELD VERIFY ALL EXISTING CONDITIONS AND COORDINATE WORK WITH ALL OTHER TRADES. COORDINATE ALL EXISTING STRUCTURAL CONDITIONS AND INSURE ROUTING OF NEW MECHANICAL SYSTEMS AVOID CONFLICTS WITH EXISTING CONDITIONS AND NEW CONSTRUCTION.
 - BALANCE EXISTING VAV REHEATS TO LISTED SCHEDULED VALUES.
 - INSTALL NEW BUILDING MANAGEMENT SYSTEM (BMS). ALL EXISTING THERMOSTATS (T-STATS) ON LEVEL 4 OF THE BUILDING SHALL BE REPLACED AND CONNECTED TO NEW BMS SYSTEM.
 - FIELD VERIFY THAT EXISTING VAV HEATING HOT WATER CONTROL VALVES WILL BE COMPATIBLE WITH NEW BMS SYSTEM. CONTRACTOR TO REPLACE EXISTING CONTROLS IF EXISTING SYSTEM IS NOT COMPATIBLE BETWEEN EXISTING AND NEW SYSTEM.

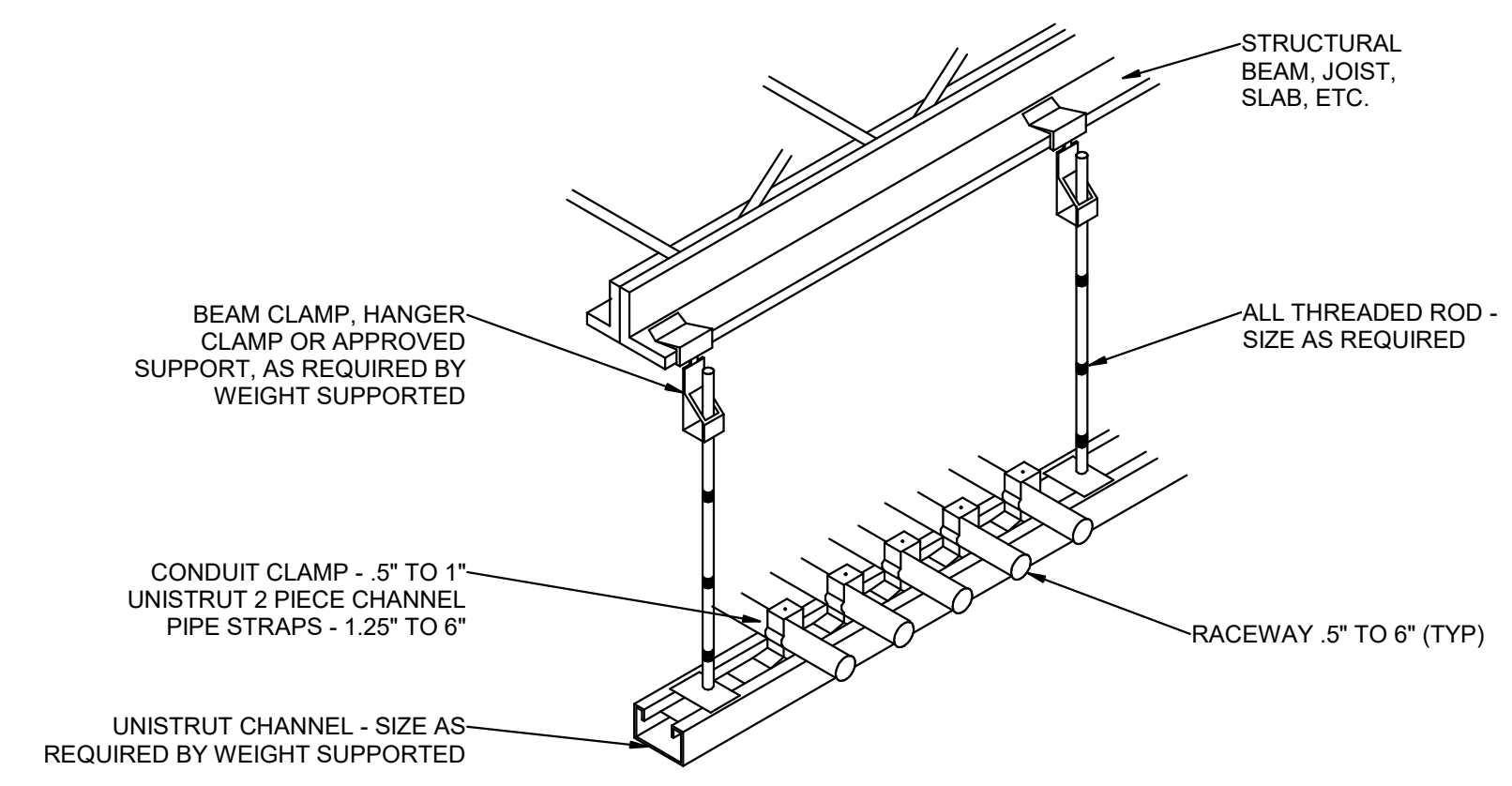
- KEYNOTES**
- TIE INTO EXISTING HOT WATER HEATING LINES. PROVIDE ALL TRANSITIONS AND FITTINGS REQUIRED. TYPICAL.
 - PROVIDE ACTUATED VALVE, CIRCUIT SETTERS, AND ISOLATION VALVES FOR NEW VAV BOXES. BALANCE BOXES TO FLOW RATES SHOWN ON SCHEDULE. TYPICAL.
 - BALANCE EXISTING VAV BOXES TO FLOW RATES SHOWN ON SCHEDULE.
 - ROUTE MSU REFRIGERATION PIPING UP TO ROOF LEVEL. TO MSU CONDENSING UNIT. PROVIDE INSULATION AND SIZE PIPING AS REQUIRED BY MANUFACTURER.

UTILITIES PIPING - 4TH FLOOR PLAN
SCALE: 1/8" = 1' - 0"
6' 0" 4' 0" 12' 16"

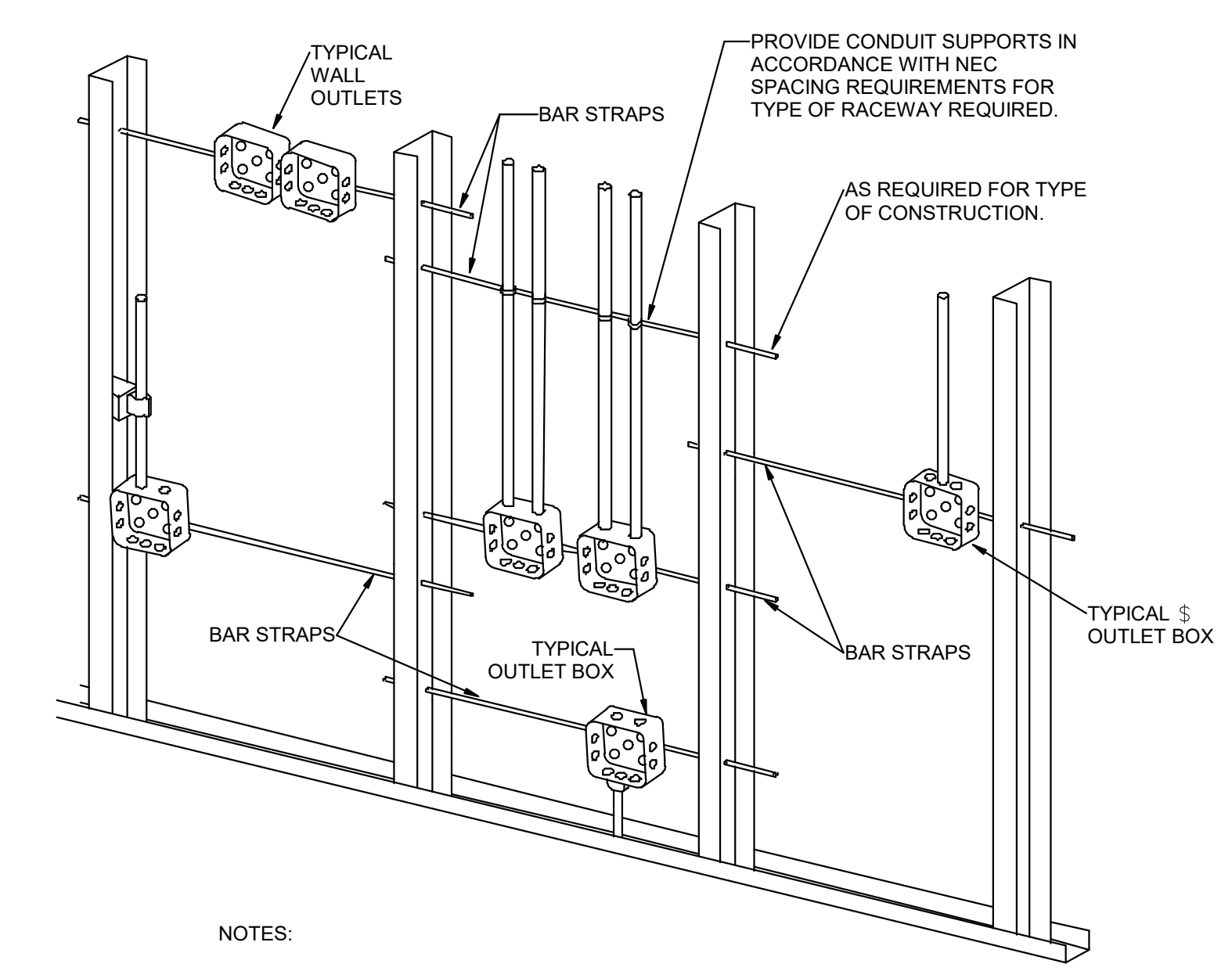
NEW VAV BOXES			EXISTING VAV BOXES - RE-BALANCE		
4.1 DR 1330 3.0 360	4.2 CR 960 2.0 290	4.3 BR 640 2.0 130	4.1(E) (EX) 600 2.0 180	4.2(E) (EX) 1330 3.0 555	4.3(E) (EX) 640 2.0 130
4.4 BR 1560 2.0 130	4.5 BR 260 2.0 52	4.6 BR 1160 2.0 235	4.4(E) (EX) 1335 3.0 450	4.5(E) (EX) 2000 3.0 1200	4.6(E) (EX) 600 2.0 145
4.7 DR 1335 3.0 380	4.8 BR 1600 3.0 540	4.9 BR 540 2.0 135	4.7(E) (EX) 900 3.0 180	4.8(E) (EX) 600 2.0 145	4.9(E) (EX) 1300 3.0 315
4.10 CR 600 2.0 180	4.11 CR 315 2.0 95	4.12 CR 435 2.0 130	4.10(E) (EX) 950 2.0 180	4.11(E) (EX) 1305 3.0 300	4.12(E) (EX) 1400 3.0 450
4.13 CR 960 2.0 300	4.14 BR 440 2.0 110	4.15 BR 315 2.0 95	4.13(E) (EX) 900 2.0 215	4.14(E) (EX) 1395 3.0 410	4.15(E) (EX) 1020 2.0 225
			4.16(E) (EX) 660 2.0 250	4.17(E) (EX) 960 2.0 300	

REV	DATE	DESCRIPTION

VCBO NUMBER: 19140
CLIENT NUMBER: 00000
DATE: NOVEMBER 25, 2019

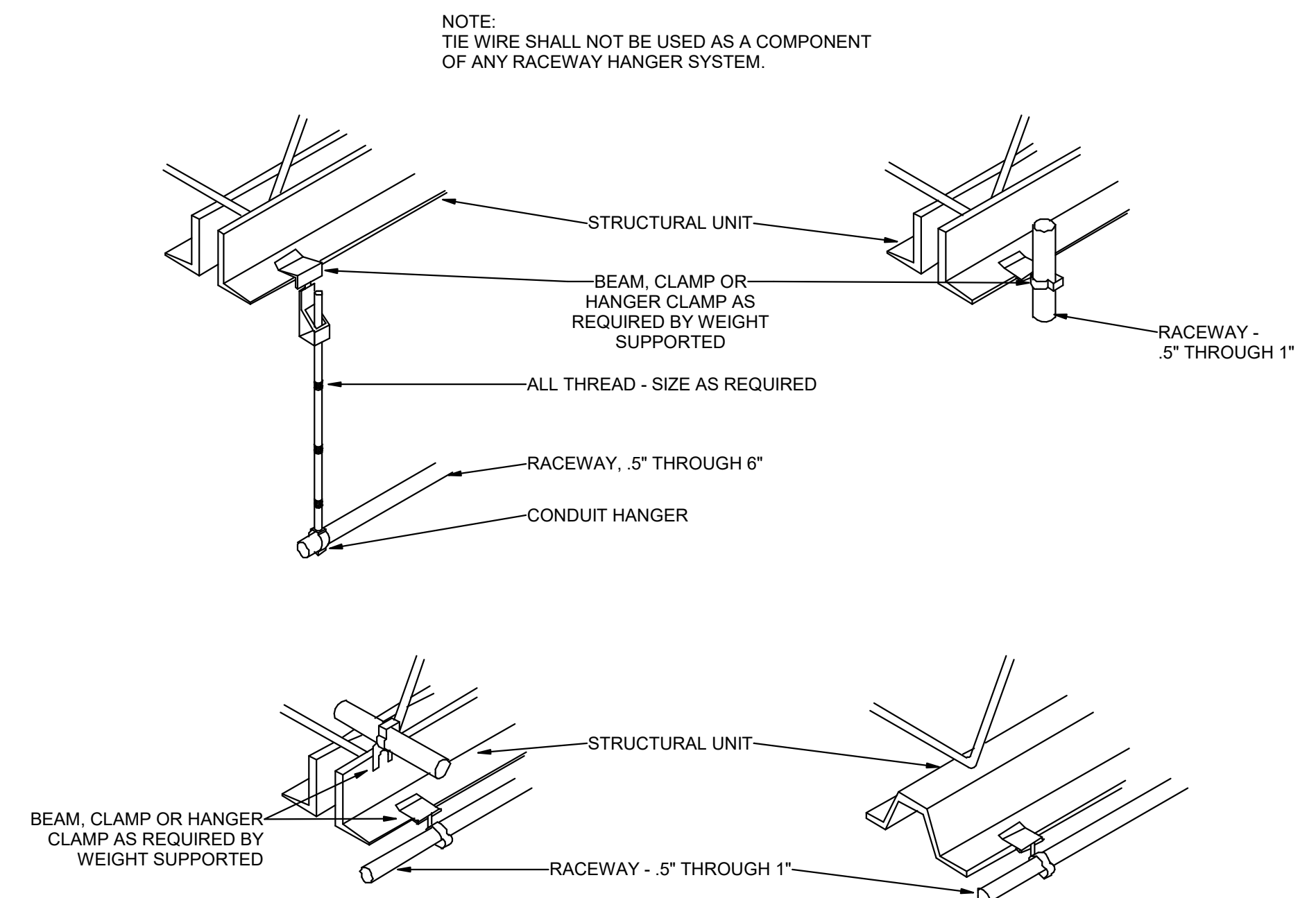


D5 TYPICAL CONDUIT RACK DETAIL
SCALE: 1/8" = 1'-0"

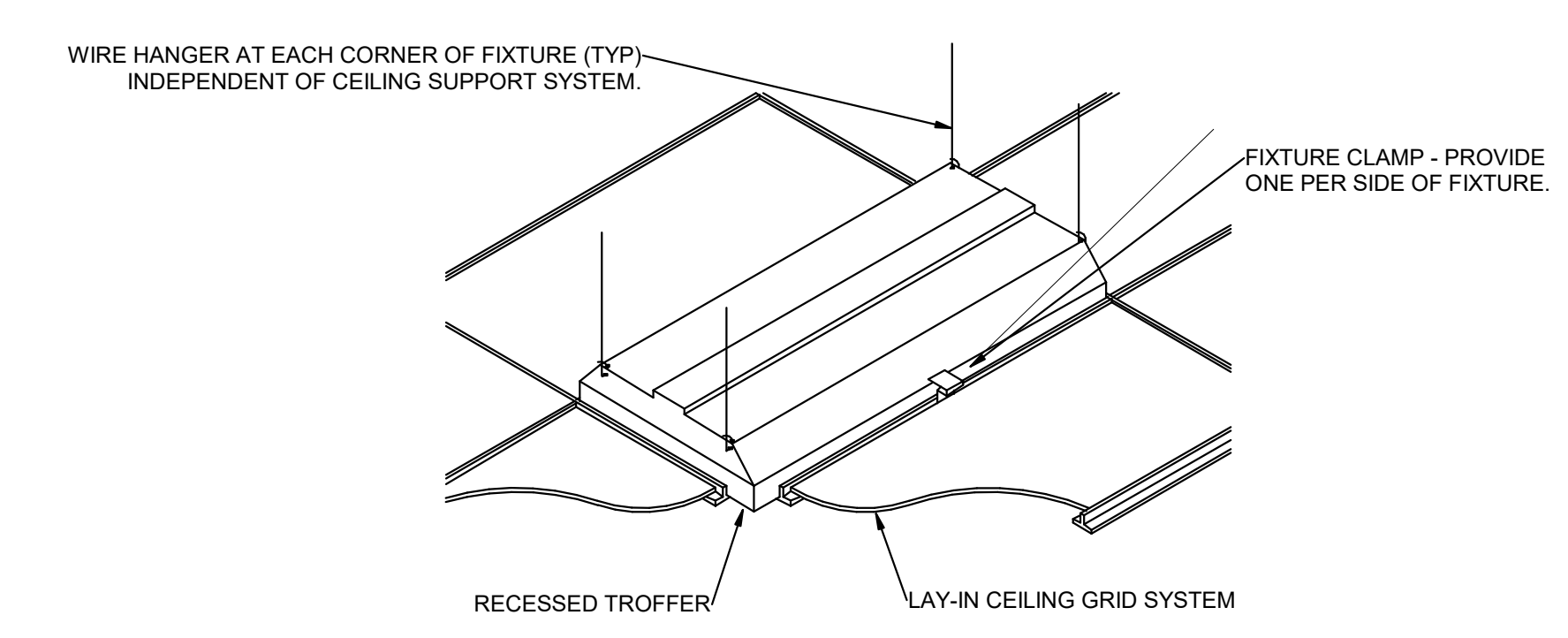


- NOTES:
1. TYPICAL FOR WOOD AND METAL STUD ROUGH-IN.
 2. PLASTER RINGS NOT SHOWN.
 3. LOCATE ALL OUTLET BOXES IN ACCORDANCE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND WITH ALL APPLICABLE SHOP DRAWINGS.
 4. IN ACCORDANCE WITH IBC 714.3.2 EXCEPTION 1, OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS IN THE SAME STUD SPACE IN A RATED FIRE SEPARATION WALL MUST BE SEPARATED BY A MINIMUM OF 24" HORIZONTAL DISTANCE OR LISTED, SOUND AND FIRE RATED PUTTY PADS SHALL BE USED ON THE OUTLET BOXES.
 5. IN NON-RATED WALLS, OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS MUST BE SEPARATED BY 16" FOR SOUND ATTENUATION.

B5 TYPICAL ROUGH-IN REQUIREMENTS DETAIL
SCALE: 1/8" = 1'-0"



A3 TYPICAL RACEWAY SUPPORT METHODS DETAIL
SCALE: 1/8" = 1'-0"

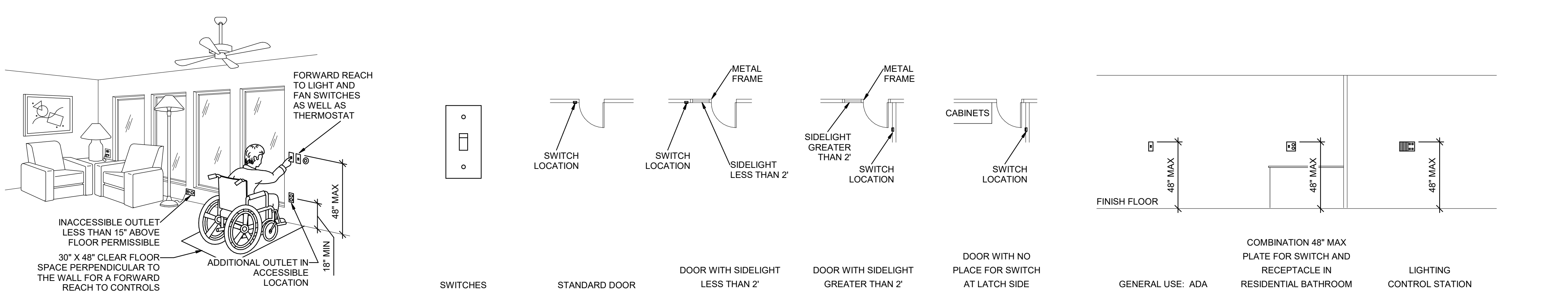


A5 RECESSED FIXTURE MOUNTING DETAIL
SCALE: 1/8" = 1'-0"

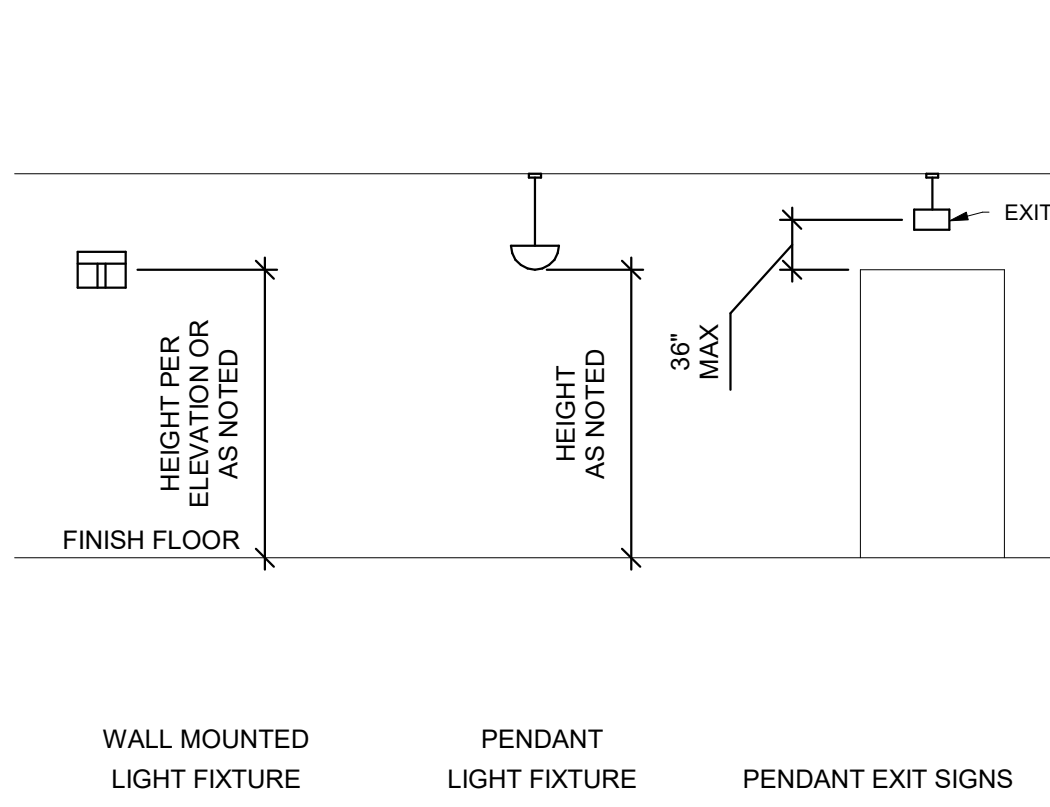
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INTERMOUNTAIN ~ SHC 4TH FLOOR REMODEL
 INTERMOUNTAIN HEALTH CARE
 383 WEST VINE STREET MURRAY, UT 84123
 CONSTRUCTION DOCUMENTS

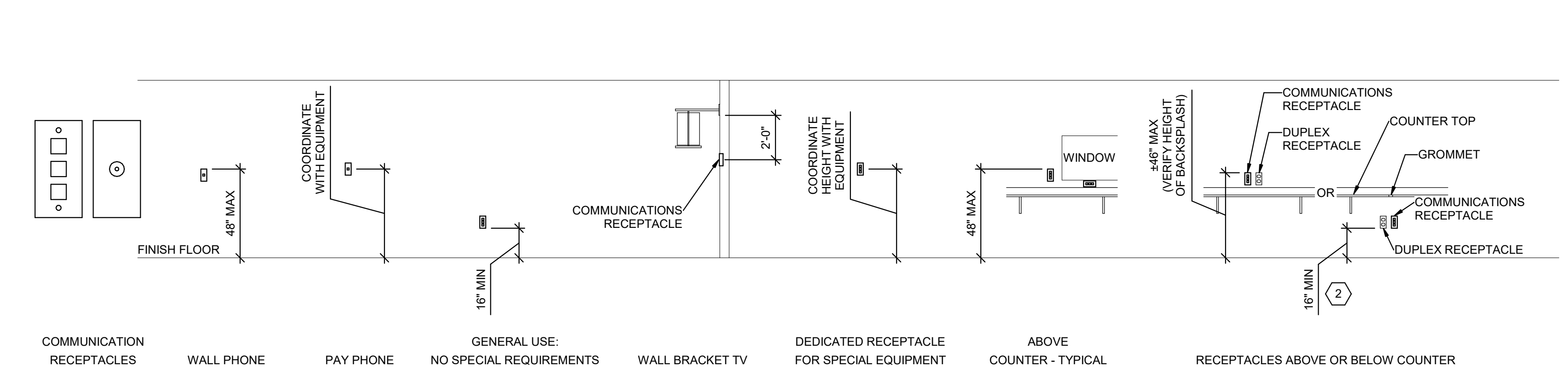
E2 RECEPTACLE MOUNTING DETAILS
SCALE: NTS



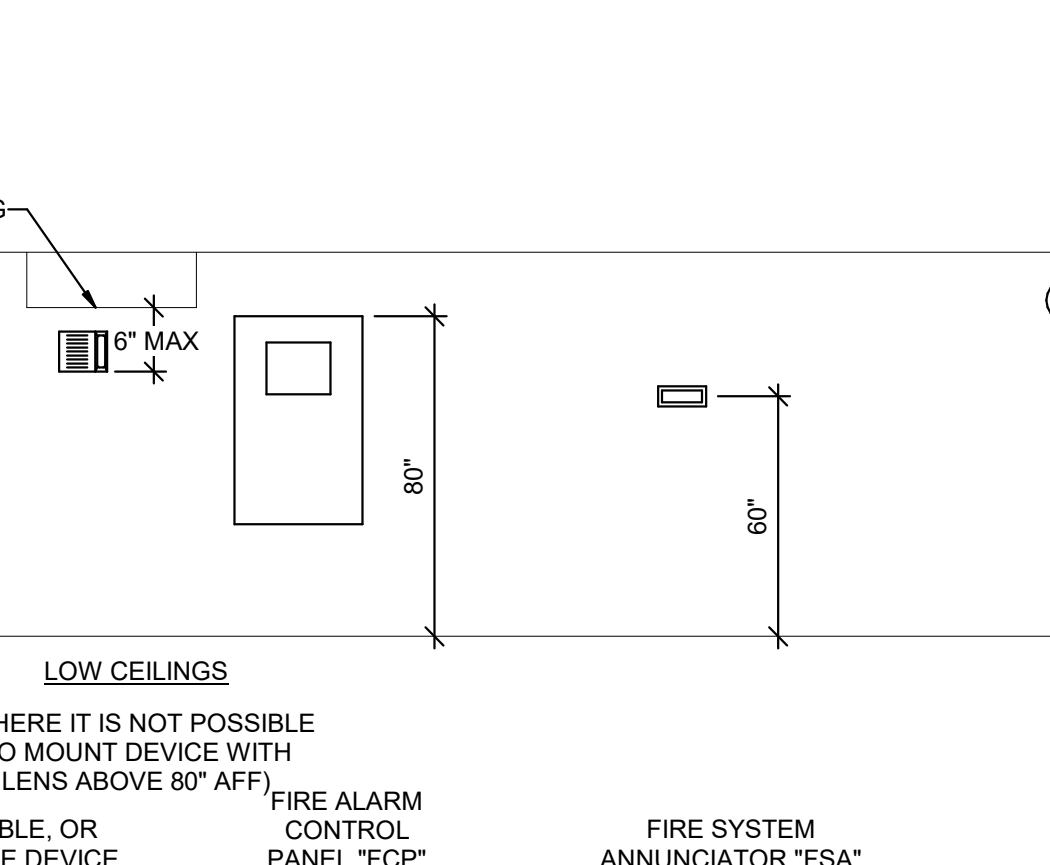
D2 ADA DETAIL
SCALE: NTS



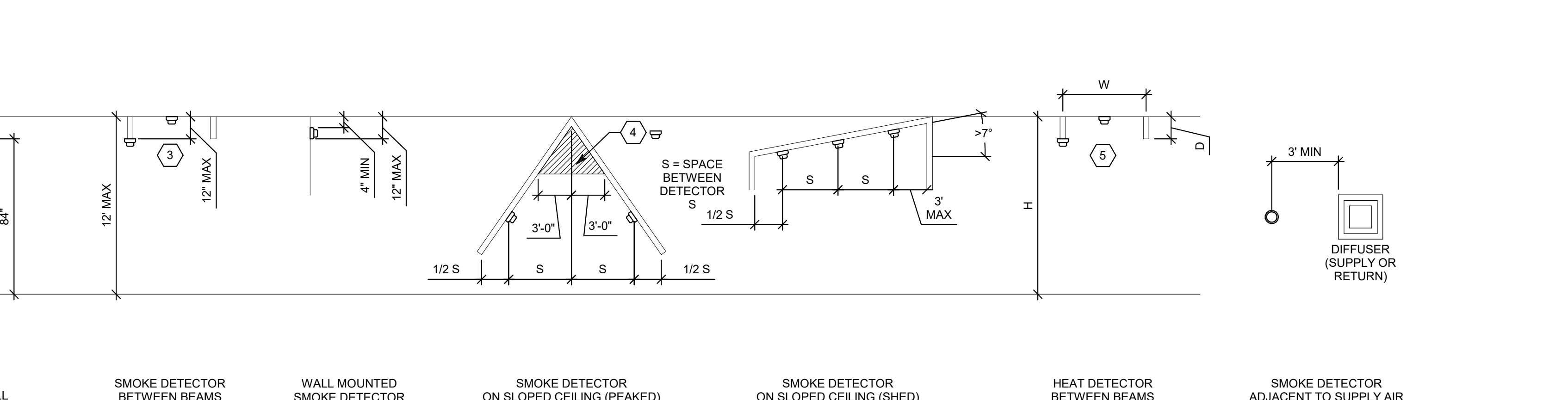
D3 SWITCH MOUNTING DETAILS
SCALE: NTS



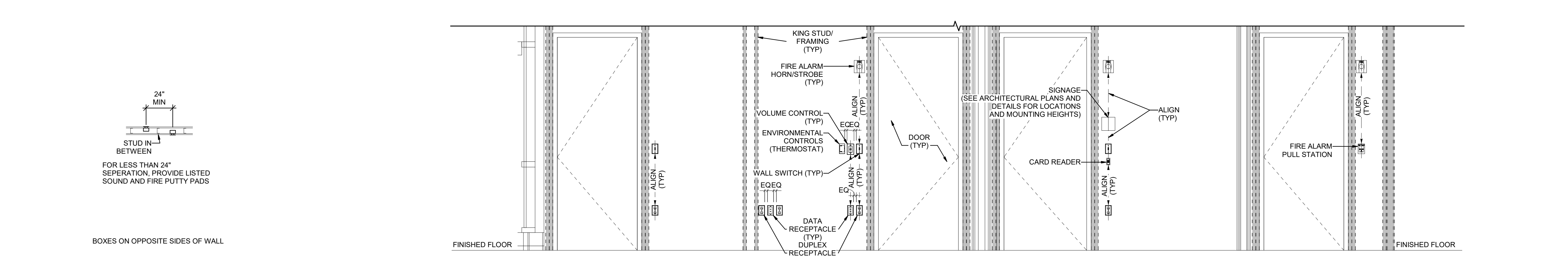
C2 LIGHTING MOUNTING DETAILS
SCALE: NTS



C3 COMMUNICATIONS MOUNTING DETAILS
SCALE: NTS



B1 FIRE ALARM MOUNTING DETAILS
SCALE: NTS



A1 BOX MOUNTING DETAILS
SCALE: NTS



A2 TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL
SCALE: NTS

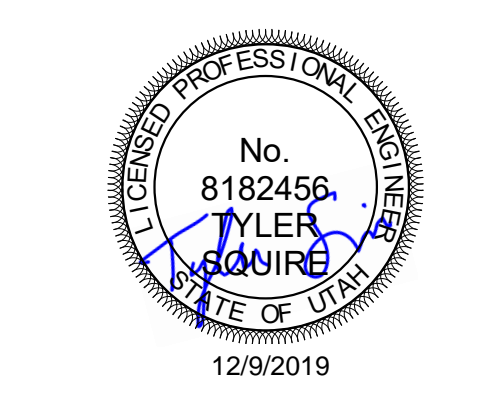


GENERAL SHEET NOTES

1. DETERMINE MOUNTING HEIGHTS OF ELECTRICAL AND ELECTRONIC EQUIPMENT IN THE FOLLOWING ORDER OF PRIORITY:
 - 1 - ELEVATIONS (ARCHITECTURAL, ELECTRICAL, MECHANICAL, ETC).
 - 2 - EQUIPMENT SHOP DRAWINGS.
 - 3 - FIELD INSTRUCTIONS.
2. LOCATE RECEPTABLES SERVING THE SAME TYPE OF USE AT A UNIFORM HEIGHT UNLESS DIRECTED OTHERWISE.
3. MECHANICAL, ELECTRICAL, AND COMMUNICATION ROOMS: COORDINATE LOCATION OF LIGHTING AND POWER RECEPTABLES WITH EQUIPMENT, PIPING, AND DUCTWORK. DO NOT INSTALL RECEPTABLES BEHIND EQUIPMENT OR WHERE OTHERWISE INACCESSIBLE. POSITION LIGHTING REGARDLESS OF WHERE SHOWN ON DRAWING TO PROVIDE PROPER ILLUMINATION.
4. MOUNT RECEPTABLE BOXES FOR SWITCHES AND RECEPTABLES WITH LONG AXIS OF THE DEVICE VERTICAL UNLESS OTHERWISE INDICATED.
5. SET BOXES WITH PLASTER RINGS FLUSH WITH FINISHED SURFACE.
6. LOCATE BOX COVERS OR DEVICE PLATES SO THEY WILL NOT SPAN DIFFERENT TYPES OF BUILDING FINISHES EITHER VERTICALLY OR HORIZONTALLY.
7. VERIFY ALL DOOR CONDITIONS ON ARCHITECTURAL DRAWINGS PRIOR TO INSTALLING SWITCHES.
8. LOCATE WIRING DEVICES WHICH ARE ADJACENT AND ARE COMPATIBLE VOLTAGES IN ONE PLATE.
9. WHERE DEVICES ARE LOCATED IN CLOSE PROXIMITY OF THE SAME VERTICAL PLANE, ALIGN DEVICES VERTICALLY PER THE TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL, UNLESS OTHERWISE INDICATED.

SHEET KEYNOTES

1. LOCATE RECEPTABLES BEHIND DRINKING FOUNTAINS.
2. REFER TO ARCHITECTURAL ELEVATIONS FOR PLACEMENT OF OUTLETS.
3. LOCATE AT BOTTOM OF BEAMS (OR JOISTS) OR AT CEILING. (REDUCE SPACING BY 5 PERPENDICULAR TO BEAM OR JOIST DIRECTION.) FOR OTHER CONDITIONS, REFER TO NFPA 72.
4. LOCATE DETECTOR ANYWHERE IN SHADED AREA BUT NOT IN TOP 4" OF PEAK.
5. LOCATE AT BOTTOM OF BEAMS IF $D/H < .1$ OR $W/H < .4$; OTHERWISE, LOCATE IN BEAM POCKET. FOR $D > 4$ REDUCE SPACING .33 PERPENDICULAR TO BEAMS.

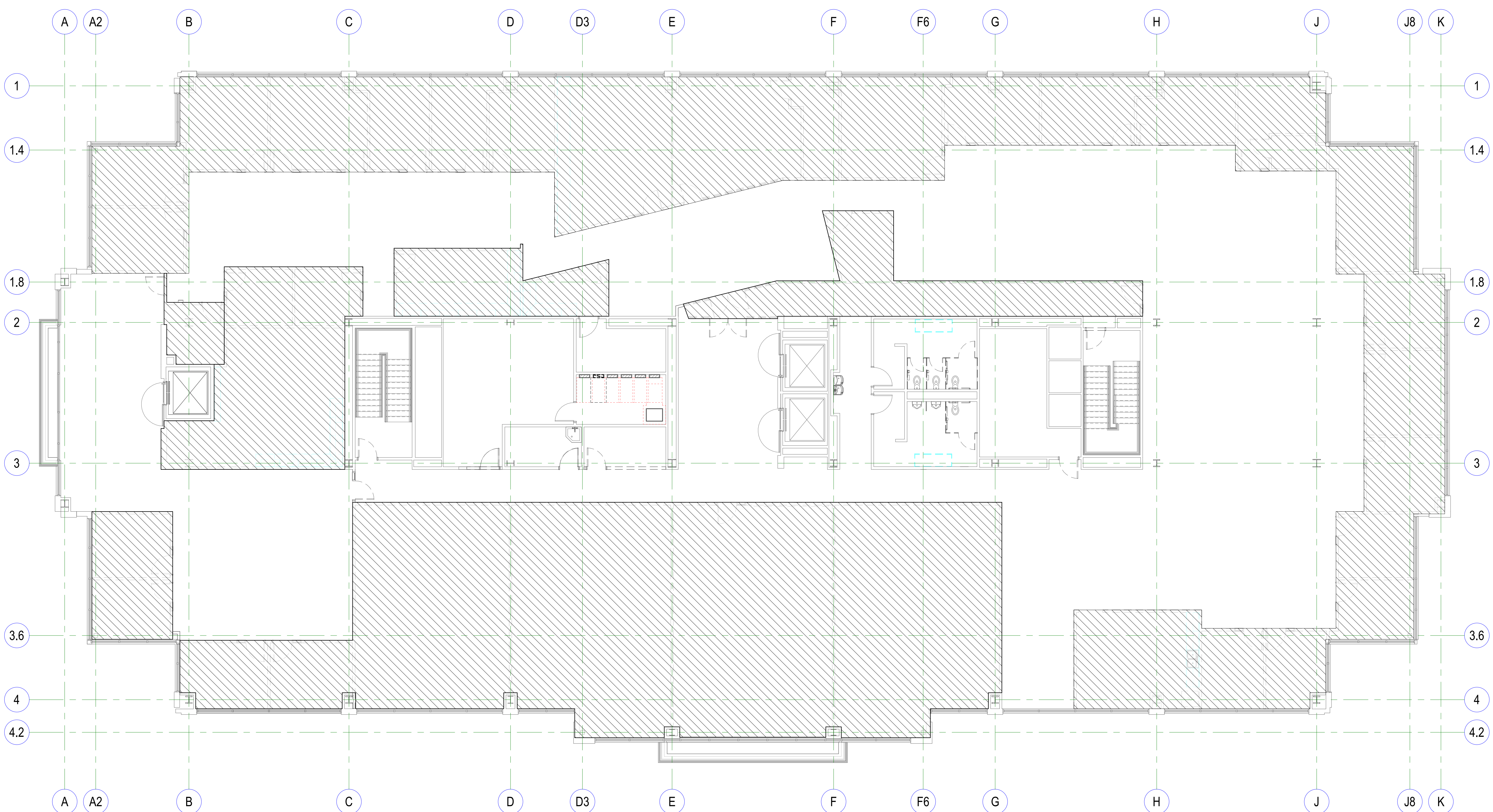


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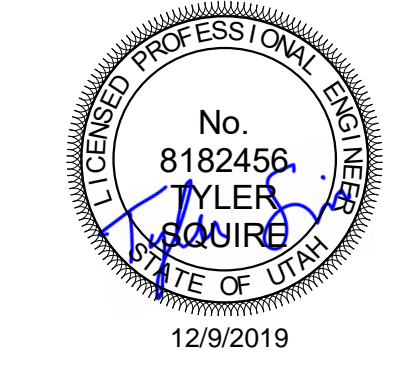
VCBO NUMBER: 19140
CLIENT NUMBER: 00000
DATE: NOVEMBER 25, 2019

INTERMOUNTAIN ~ SHC 4TH FLOOR REMODEL
INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123
CONSTRUCTION DOCUMENTS

SHEET KEYNOTES	GENERAL SHEET NOTES	GENERAL SHEET NOTES
	<p>1 UNLESS OTHERWISE INDICATED, REMOVE ALL LIGHTING FIXTURES, OUTLETS, DEVICES AND EQUIPMENT IN HATCHED AREAS. REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO THE PANELBOARD OF ORIGINATION. SYSTEMATICALLY CHECK EACH BRANCH PANELBOARD CIRCUIT TO VERIFY EACH THAT CIRCUIT BREAKER NO LONGER HAS ANY ACTIVE LOADS. DISCONNECT THE WIRING AND TURN THE CIRCUIT BREAKER OFF. ANY REMAINING ACTIVE LOADS SHALL BE LABELED AT THE PANELBOARD AS TO WHAT LOAD IS SERVED.</p> <p>2 UNLESS NOTED OTHERWISE REMOVE ALL LIGHTING FIXTURES DEVICES AND EQUIPMENT SHOWN DASHED. REMOVE CONDUIT AND WIRING BACK TO PANELBOARD OF ORIGIN OR TO FIRST ACTIVE DEVICE THAT REMAINS.</p> <p>3 SALVAGE ALL POWER POLES, LIGHT FIXTURES, TWIST-LOCK RECEPTACLES AND WALLPLATES, CEILING SPEAKERS AND SECURITY AND FIRE ALARM DEVICES TO OWNER. PROTECT SALVAGED EQUIPMENT FROM DAMAGE.</p> <p>4 PRIOR TO SUBMITTING BID, VISIT THE SITE AND FIELD VERIFY THE EXTENT OF ELECTRICAL DEMOLITION WORK TO MEET THE INTENT OF THE BID DOCUMENTS AND INCLUDE ALL COSTS IN BID.</p> <p>5 PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE.</p> <p>6 REMOVE ALL DEVICES, RACEWAYS AND WIRING FROM WALLS TO BE REMOVED. WHERE ACTIVE RACEWAYS OCCUR IN WALLS TO BE REMOVED, REROUTE THE RACEWAY WITH ASSOCIATED WIRING TO KEEP THE CIRCUIT OPERATIONAL.</p>	<p>7 REMOVE ALL FIRE ALARM DEVICES WHERE EXISTING WALLS AND CEILINGS ARE BEING REMOVED, WITH ASSOCIATED CONDUIT AND WIRING. EXISTING FIRE ALARM DEVICES AND SYSTEM NOT INDICATED FOR REMOVAL SHALL REMAIN ACTIVE THROUGHOUT DEMOLITION AND CONSTRUCTION UNTIL THE NEW SYSTEM IS TESTED AND OPERATIONAL. MAINTAIN ALL CLASS A FIRE ALARM INITIATING AND INDICATING LOOPS WHERE EXISTING DEVICES ARE REMOVED.</p> <p>8 REMOVE ALL ABANDONED RACEWAY, CONDUIT, WIRING AND CABLING WHETHER ABANDONED PREVIOUS TO THIS PROJECT OR AS A RESULT OF THIS PROJECT. NOT ALL ABANDONED ITEMS ARE SHOWN ON THESE PLANS AND FIELD VERIFICATION OF DEMOLITION SCOPE EXTENT IS REQUIRED.</p> <p>9 DEVICES MARKED "RR" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION.</p> <p>10 REMOVE ALL DATA CABLES CONNECTED TO THREE 48-PORT PATCH PANELS, TWO RACKS, LADDER RACK AND ASSOCIATED HARDWARE ON FLOOR.</p> <p>11 REMOVE FIBER AND COPPER CABLE FROM VERTICAL CABLE RISER TO EXISTING COMMUNICATIONS ROOM. NEATLY COIL COMCAST FIBER IN IT ROOM 433 FOR POSSIBLE FUTURE USE. REMOVE ALL OTHER CABLE TO POINT OR ORIGINATION ON LEVEL 1.</p> <p>12 REMOVE AND SAVE COMCAST CIENA NETWORK EQUIPMENT IN LEFT RACK IN EXISTING COMMUNICATIONS ROOM. GIVE THIS EQUIPMENT TO THE GENERAL MANAGER FOR COMCAST TO PICKUP.</p>



A1 LEVEL 04 - ELECTRICAL DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



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SHEET KEYNOTES

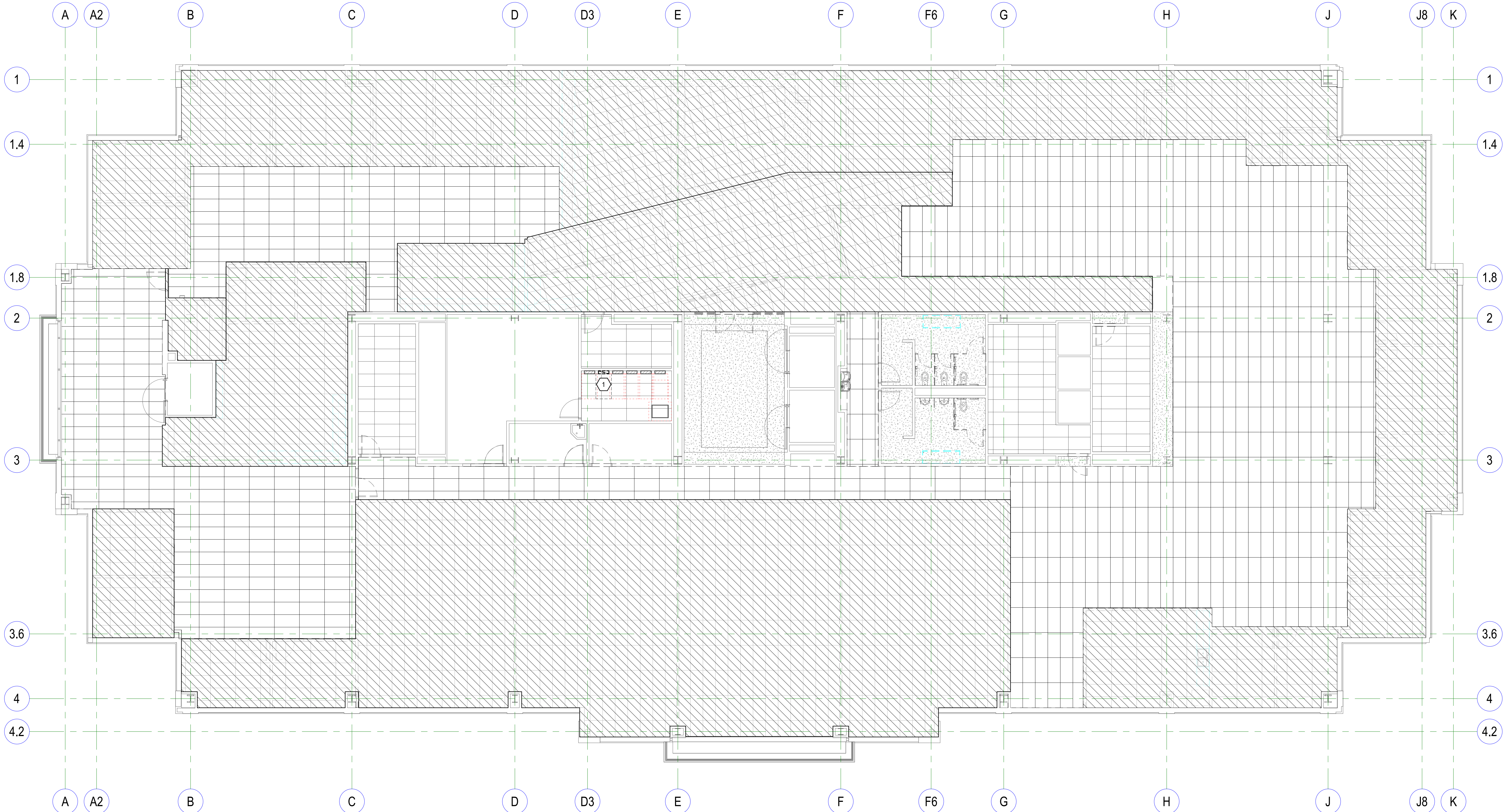
- 1 REMOVE EXISTING RELAY PANEL. PROVIDE NEW RELAY PANEL AS SHOWN ON NEW LIGHTING PLAN.

GENERAL SHEET NOTES

- 1 UNLESS OTHERWISE INDICATED, REMOVE ALL LIGHTING FIXTURES, OUTLETS, DEVICES AND EQUIPMENT IN HATCHED AREAS. REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO THE PANELBOARD OF ORIGIN. SYSTEMATICALLY CHECK EACH BRANCH PANELBOARD CIRCUIT TO VERIFY EACH THAT CIRCUIT BREAKER NO LONGER HAS ANY ACTIVE LOADS. DISCONNECT THE WIRING AND TURN THE CIRCUIT BREAKER OFF. ANY REMAINING ACTIVE LOADS SHALL BE LABELED AT THE PANELBOARD AS TO WHAT LOAD IS SERVED.
- 2 UNLESS NOTED OTHERWISE REMOVE ALL LIGHTING FIXTURES DEVICES AND EQUIPMENT SHOWN DASHED. REMOVE CONDUIT AND WIRING BACK TO PANELBOARD OF ORIGIN OR TO FIRST ACTIVE DEVICE THAT REMAINS.
- 3 SALVAGE ALL POWER POLES, LIGHT FIXTURES, TWIST-LOCK RECEPTACLES AND WALL PLATES, CEILING SPEAKERS AND SECURITY AND FIRE ALARM DEVICES TO OWNER. PROTECT SALVAGED EQUIPMENT FROM DAMAGE.
- 4 PRIOR TO SUBMITTING BID, VISIT THE SITE AND FIELD VERIFY THE EXTENT OF ELECTRICAL DEMOLITION WORK TO MEET THE INTENT OF THE BID DOCUMENTS AND INCLUDE ALL COSTS IN BID.
- 5 PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE.
- 6 REMOVE ALL DEVICES, RACEWAYS AND WIRING FROM WALLS TO BE REMOVED. WHERE ACTIVE RACEWAYS OCCUR IN WALLS TO BE REMOVED, REROUTE THE RACEWAY WITH ASSOCIATED WIRING TO KEEP THE CIRCUIT OPERATIONAL.

GENERAL SHEET NOTES

- 7 REMOVE ALL FIRE ALARM DEVICES WHERE EXISTING WALLS AND CEILINGS ARE BEING REMOVED, WITH ASSOCIATED CONDUIT AND WIRING. EXISTING FIRE ALARM DEVICES AND SYSTEM NOT INDICATED FOR REMOVAL SHALL REMAIN ACTIVE THROUGHOUT DEMOLITION AND CONSTRUCTION UNTIL THE NEW SYSTEM IS TESTED AND OPERATIONAL. MAINTAIN ALL CLASS A FIRE ALARM INITIATING AND INDICATING LOOPS WHERE EXISTING DEVICES ARE REMOVED.
- 8 REMOVE ALL ABANDONED RACEWAY, CONDUIT, WIRING AND CABLING WHETHER ABANDONED PREVIOUS TO THIS PROJECT OR AS A RESULT OF THIS PROJECT. NOT ALL ABANDONED ITEMS ARE SHOWN ON THESE PLANS AND FIELD VERIFICATION OF DEMOLITION SCOPE EXTENT IS REQUIRED.
- 9 DEVICES MARKED "RR" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION.
- 10 REMOVE ALL DATA CABLES CONNECTED TO THREE 48-PORT PATCH PANELS, TWO RACKS, LADDER RACK AND ASSOCIATED HARDWARE ON FLOOR.
- 11 REMOVE FIBER AND COPPER CABLE FROM VERTICAL CABLE RISER TO EXISTING COMMUNICATIONS ROOM. NEATLY COIL COMCAST FIBER IN IT ROOM 433 FOR POSSIBLE FUTURE USE. REMOVE ALL OTHER CABLE TO POINT OR ORIGIN ON LEVEL 1.
- 12 REMOVE AND SAVE COMCAST CIENA NETWORK EQUIPMENT IN LEFT RACK IN EXISTING COMMUNICATIONS ROOM. GIVE THIS EQUIPMENT TO THE GENERAL MANAGER FOR COMCAST TO PICKUP.



A1 LEVEL 04- CEILING DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



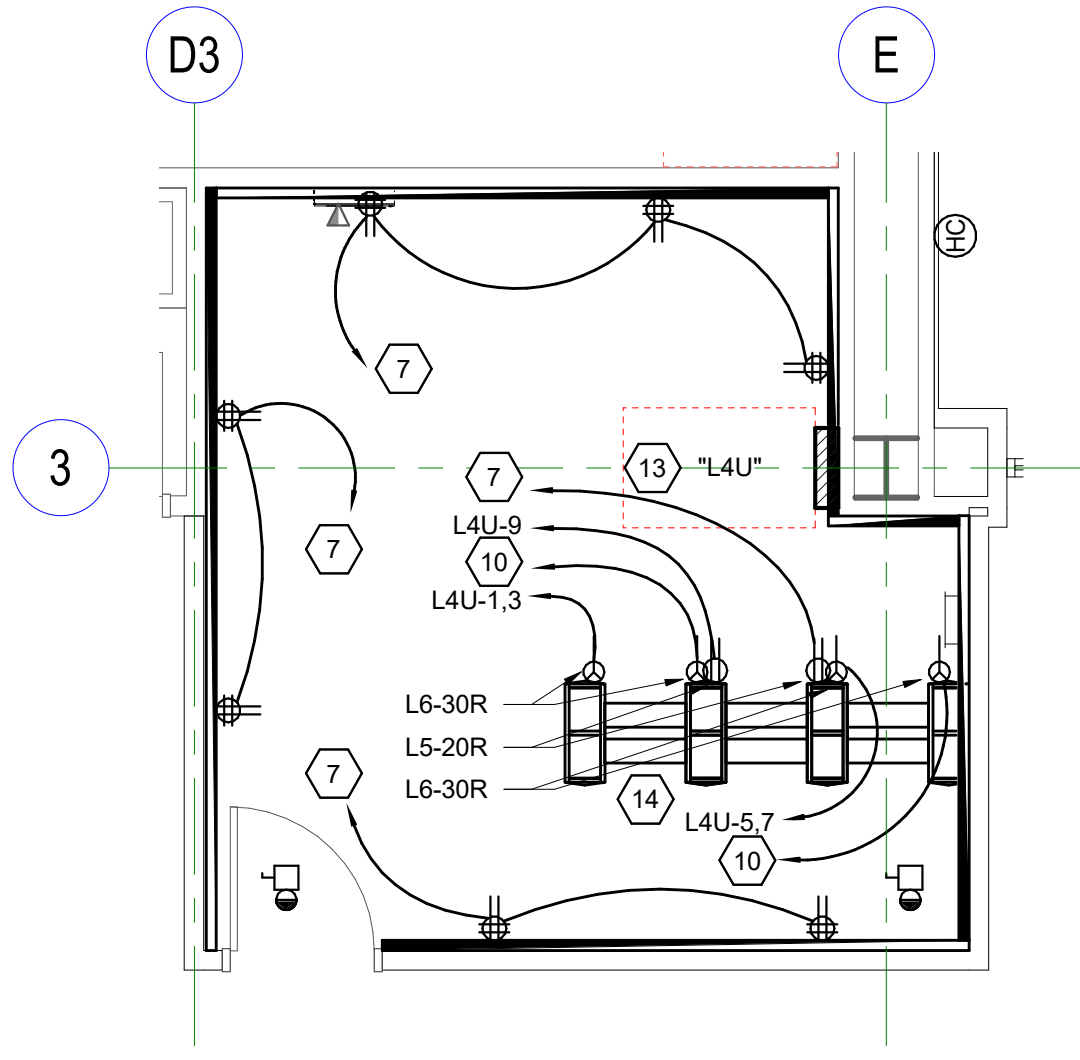
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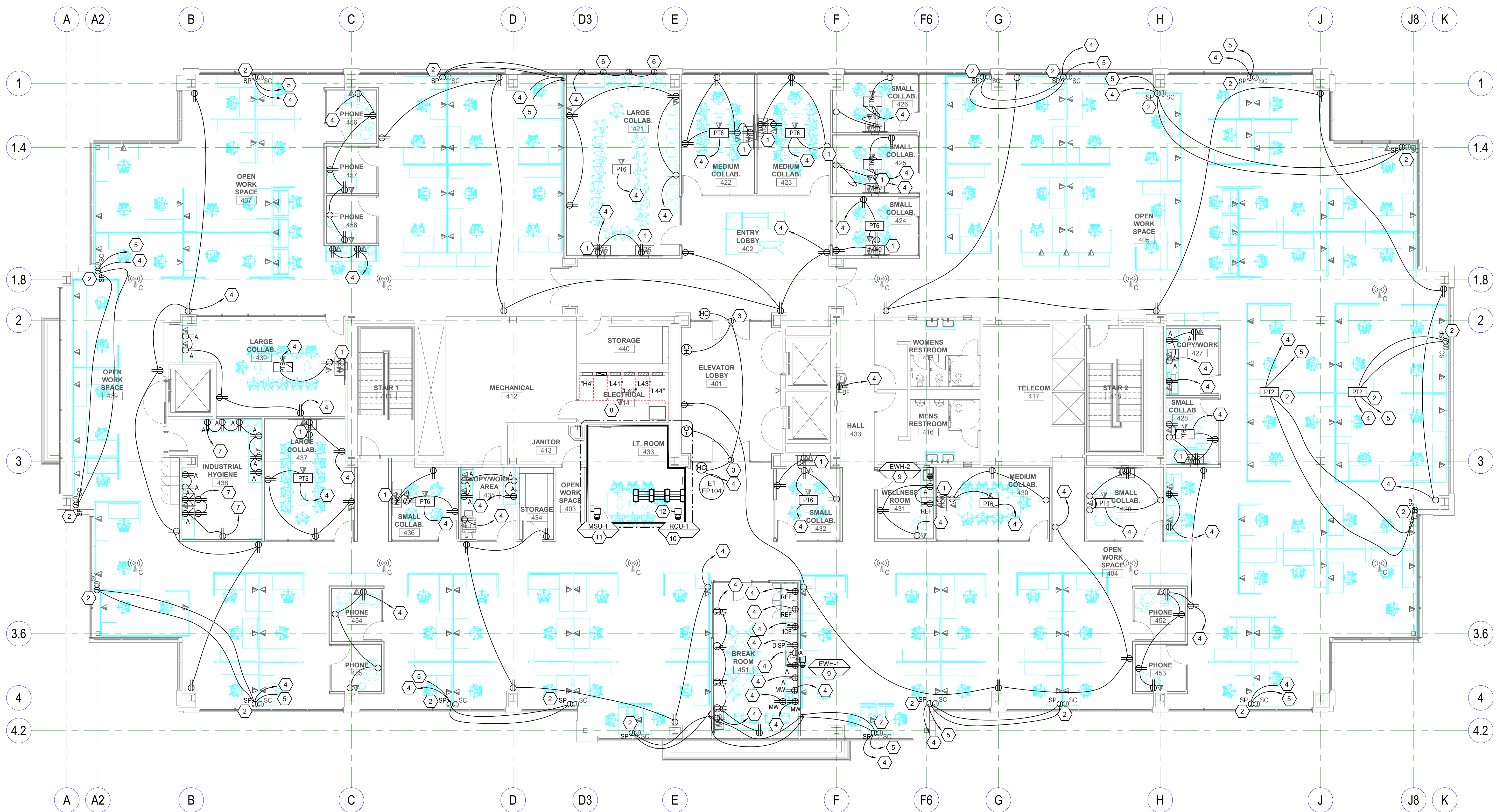
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CONSTRUCTION DOCUMENTS



○ SHEET KEYNOTES	○ SHEET KEYNOTES	○ SHEET KEYNOTES	GENERAL SHEET NOTES
<p>1 PROVIDE ELECTRICAL AND DATA RECEPTACLE MOUNTED ADJACENT TO POLE MOUNTED AV MONITOR. COORDINATE WITH ARCHITECTURAL DETAILS AND AV INSTALLER.</p> <p>2 PROVIDE ELECTRICAL CONNECTIONS TO SYSTEMS FURNITURE. DESIGN IS BASED ON 4 CIRCUIT/WIRE SYSTEM (3 CIRCUITS, SHARED OVERSIZED NEUTRAL AND GROUND, PLUS 1 CIRCUIT WITH DEDICATED NEUTRAL AND GROUND). VERIFY WIRING CONFIGURATION AND FEED POINT WITH SYSTEMS FURNITURE INSTALLER PRIOR TO INSTALLATION. COORDINATE WITH FURNITURE INSTALLER SUCH THAT CIRCUITS ARE UNIFORMLY DISTRIBUTED TO NO MORE THAN 3 WORKSTATIONS PER CIRCUIT AND EACH WORKSTATION ONLY HAVING AVAILABLE ITS ASSIGNED CIRCUIT. COPIER OR PRINTERS LOCATED IN A GROUP OF WORKSTATIONS SHALL RECEIVE A DEDICATED CIRCUIT.</p> <p>3 PROVIDE ELECTRICAL CONNECTIONS TO ADA DOOR OPERATORS. COORDINATE MOUNTING LOCATION WITH THE ARCHITECT PRIOR TO ROUGH-IN.</p> <p>4 CIRCUIT TO EXISTING 120V 20A CIRCUIT BREAKER IN EXISTING L4X PANEL. FIELD VERIFY AVAILABLE CIRCUIT BREAKERS AND PROVIDE REDLINED RECORD DRAWINGS AND UPDATED TYPEWRITTEN PANEL SCHEDULES AT THE COMPLETION OF THE PROJECT.</p> <p>5 CIRCUIT TO EXISTING L4X PANELBOARD WITH 4 #12, #12G IN 0.75" CONDUIT. PROVIDE NEW 20A/3 POLE CIRCUIT BREAKER. FIELD VERIFY AVAILABLE CIRCUIT BREAKERS AND PROVIDE REDLINED RECORD DRAWINGS AND UPDATED TYPEWRITTEN PANEL SCHEDULES AT THE COMPLETION OF THE PROJECT.</p> <p>6 PROVIDE ELECTRICAL CONNECTIONS TO MOTORIZED BLACKOUT MECHOSHADOWS. PROVIDE WIRING AND CONTROL PER MANUFACTURER'S WRITTEN INSTRUCTIONS. MOUNT SWITCH IN LOCATION AS DIRECTED BY ARCHITECT. INTERFACE WITH AV SYSTEMS PER AV SYSTEM INSTALLER'S INSTRUCTIONS.</p>	<p>7 CIRCUIT TO EXISTING 120V 20A CIRCUIT BREAKER IN PANELBOARD EML2 IN LEVEL 2 ELECTRICAL ROOM. FIELD VERIFY AVAILABLE CIRCUIT BREAKERS AND PROVIDE REDLINED RECORD DRAWINGS AND UPDATED TYPEWRITTEN PANEL SCHEDULES AT THE COMPLETION OF THE PROJECT.</p> <p>8 ALL EQUIPMENT IN THIS ROOM IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE. FILED VERIFY EXACT LOCATION.</p> <p>9 CIRCUIT TO NEW CIRCUIT BREAKER IN EXISTING L4X PANELBOARD. PROVIDE NEW CIRCUIT BREAKER AS REQUIRED ON THE MECHANICAL EQUIPMENT SCHEDULE AND PROVIDE REDLINED RECORD DRAWINGS AND UPDATED TYPEWRITTEN PANEL SCHEDULES AT THE COMPLETION OF THE PROJECT.</p> <p>10 CIRCUIT TO NEW 208V 30A/2P CIRCUIT BREAKER IN PANELBOARD EML2 IN LEVEL 2 ELECTRICAL ROOM. PROVIDE NEW CIRCUIT BREAKER AND PROVIDE REDLINED RECORD DRAWINGS AND UPDATED TYPEWRITTEN PANEL SCHEDULES AT THE COMPLETION OF THE PROJECT.</p> <p>11 PROVIDE ELECTRICAL CONNECTIONS TO INDOOR AIR CONDITIONING UNIT FROM OUTDOOR UNIT. PROVIDE 1" CONDUIT WITH CONTROL WIRING PER THE MANUFACTURER'S WRITTEN REQUIREMENTS.</p> <p>12 EQUIPMENT LOCATED ON THE ROOF. COORDINATE EXACT LOCATION WITH MECHANICAL INSTALLERS PRIOR TO ROUGH-IN.</p> <p>13 PROVIDE NEW 120/208V, 100A, 42 CIRCUIT PANELBOARD. FEED PANEL WITH 4 #6, #10G IN 1.25" CONDUIT FROM OWNER PROVIDED UPS.</p>	<p>14 PROVIDE ELECTRICAL CONNECTIONS TO RACK MOUNTED UPS. UPS SHALL BE OWNER PROVIDED. CONTRACTOR INSTALLERS. FEED UPS WITH 4 #6, #10G IN 1.25" CONDUIT. COORDINATE EXACT LOCATION WITH THE OWNER PRIOR TO ROUGH-IN. MAKE FINAL CONNECTIONS AS REQUIRED.</p>	



E1 ENLARGED I.T. ROOM POWER PLAN
SCALE: 1/4" = 1'-0"



A1 LEVEL 04 - POWER PLAN
SCALE: 1/8" = 1'-0"

REV	DATE	DESCRIPTION

VCBO NUMBER: 19140
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FLOORBOX SCHEDULE

ABBREVIATIONS

COMPARTMENT GANG - NOT APPLICABLE AV - AV CONNECTIONS, REFER TO DRAWINGS/SPECIFICATIONS D - DATA RECEPTACLE DR - DUPLEX RECEPTACLE QR - QUADRAPLEX RECEPTACLE	RATINGS 2H - 2-HOUR FIRE RATED, UL LISTED	USE CF - CONCRETE FLOOR	CONNECTION C1 - RECESSED CABLE CONNECTIONS BELOW FLOOR WITH HINGED LID FOR ACCESS THAT CAN BE CLOSED WHILE IN USE.
NOTES: 1 PROVIDE ALL REQUIRED HARDWARE FOR COMPLETE INSTALLATION. 2 INCLUDE SEPARATION BARRIER BETWEEN SYSTEMS AND POWER.	FINISH AL - ALUMINUM	COVER CV1 - FLANGED WITH CARPET INSERT FOR CARPET AREAS, FLANGELESS FLUSH GRAY BRUSHED ALUMINUM LID	

ID	DESCRIPTION	DIMENSIONS			COMPARTMENTS								RATINGS	USE	CONNECTION	COVER	FINISH	MANUFACTURER 1	PART #	MANUFACTURER 2	PART #	NOTES
		LENGTH	WIDTH	DEPTH	GANG 1	GANG 2	GANG 3	GANG 4	GANG 5	GANG 6	GANG 7	GANG 8										
PT2	FIRE RATED 6" FURNITURE FEED POKE-THRU	-	6"	18"	DR	D	AV	AV	AV	-	-	-	2H	CF	C1	CV1	AL	HUBBELL	STRIP TFIT	WIREMOL D	-	
PT6	FIRE RATED 6" POWER/DATA/AV POKE-THRU	-	6"	18"	DR	D	AV	AV	AV	-	-	-	2H	CF	C1	CV1	AL	HUBBELL	STRIP TFIT	WIREMOL D	-	

EQUIPMENT SCHEDULE

INTERMOUNTAIN SHC 4TH FLOOR REMODEL

EQUIPMENT SCHEDULE KEY E - DIVISION 26 Q - FURNISHED WITH EQUIPMENT * - COORDINATE WITH THE DIVISION 23 TEMPERATURE CONTROL INSTALLER **- AUTOMATIC CONTROL WIRING BY DIVISION 23										NOTES: 1. NEMA 3R 2. TOGGLE SWITCH W/ THERMAL OVERLOAD 3. PROVIDE FUSED DISCONNECT ELEVATOR POWER MODULE WITH SHUNT TRIP 4. CONTRACTOR TO PERFORM FINAL CONNECTION TO LINE VOLTAGE THERMOSTATS 5. TOGGLE SWITCH W/BACNET INTERFACE 6. INDOOR UNITS FED FROM OUTDOOR UNIT. PROVIDE DISCONNECTS FOR BOTH										GENERAL NOTES: 1. WHERE DISCONNECTS, STARTERS, OR VFDs ARE BEING PROVIDED BY ELECTRICAL CONTRACTOR, LOCATE EQUIPMENT IN ACCESSIBLE LOCATION, SUCH THAT IT IS WITHIN SITE OF THE MECHANICAL EQUIPMENT IT IS SERVING, AND COMPLIES WITH N.E.C. REQUIRED CLEARANCES.									
										7. PROVIDE SWITCH WITH BACNET MS/TP CAPABILITY										8. PROVIDE LABEL ON DISCONNECT "DISCONNECT OUTDOOR UNIT PRIOR TO INDOOR."									
										9. LINE VOLTAGE THERMOSTAT ON WALL										10. PROVIDE EXPLOSION PROOF DEVICES AND WIRING METHODS									
										11. PROVIDE DUAL-REDUNDANT 100% RATED VFD'S FOR AIR HANDLER										12. PROVIDE MANUAL STARTER WITH THERMAL OVERLOAD AND RELAY FOR ATC/BAS CONTROL									

MARK	QTY	ITEM DESCRIPTION	LOAD DATA						OVERCURRENT PROTECTION			DISCONNECT			STARTER					NOTES	MARK					
			HP	KW	MCA	FLA	VOL T	PH	Hz	WIRE AND CONDUIT SIZE	FURN BY	DEVICE	LOCATION	FURN BY	DEVICE	LOCATION	FURN BY	DEVICE	SIZES			SELECTOR SWITCH	PILOT LAMP	NORMALLY OPEN CONTACT	NORMALLY CLOSED CONTACT	PHASE FAILURE RELAY
EW-1	1	ELECTRIC WATER HEATER	-	3	-	14.4	208	1	60	2 #10, #10 GR 0.75" CND	E	30/2 CB		E	30A/2P NF	ADJ TO EQUIP	Q	-	-	-	-	-	-	-		EW-1
EW-2	1	ELECTRIC WATER HEATER	-	8	-	38.5	208	1	60	2 #4, #8 GR 1" CND	E	60/2 CB		E	60A/2P NF	ADJ TO EQUIP	Q	-	-	-	-	-	-	-		EW-2
MSU-1	1	AIR CONDITIONING UNIT	-	-	-	1	208	1	60	2 #10, #10 GR 0.75" CND	E	30/2 CB		E	30A/2P NF	ADJ TO EQUIP	Q	-	-	-	-	-	-	6	MSU-1	
RCU-1	1	AIR CONDITIONING UNIT	-	-	-	19	208	1	60	2 #10, #10 GR 0.75" CND	E	30/2 CB		E	30A/2P NF	ADJ TO EQUIP	Q	-	-	-	-	-	-	6	RCU-1	

PANEL: "L4U"

VOLTS/PHASE/WIRE: 120/208V, 3 PH 4 WIRE	PANEL SIZE & TYPE: 22" W x 6" D, BOLT-ON	MAIN SIZE AND TYPE: 100 AMPERE MAIN LUGS	FED FROM:	CABINET: SURFACE	LOCATION: I.T. ROOM 433	NOTES:
ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR			AIC RATING: 0			

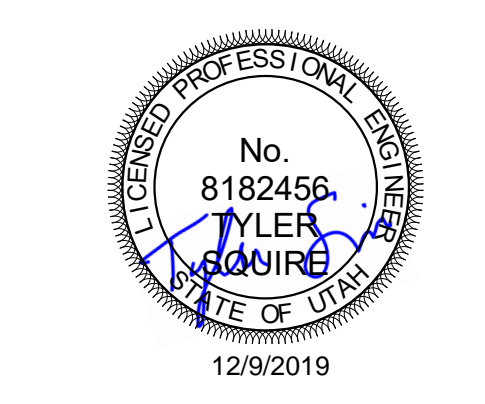
CKT NO	AMP	POLE	BKR	LOAD (kVA)			PHASE LOAD			DESCRIPTION	CO	PWR	LTG	BKR	POLE	AMP	CKT NO	
				LTG	PWR	CO	A	B	C									
1	20	2	--	0.0	2.1	0.0				PWR: I.T. ROOM 433 RACK	1.0	0.0				1	20	2
3	--	--	--	--	--	--				SPARE						1	20	4
5	20	2	--	0.0	2.1	0.0				PWR: I.T. ROOM 433 RACK			1.0	0.0		1	20	6
7	--	--	--	--	--	--	1.0	0.0		SPARE						1	20	8
9	20	1	--	0.0	0.0	0.2		0.2	0.0	CO: I.T. ROOM 433 RACK						1	20	10
11	20	1	--	--	--	--			0.0	SPARE						1	20	12
13	20	1	--	--	--	--	0.0	0.0		SPARE						1	20	14
15	20	1	--	--	--	--		0.0	0.0	SPARE						1	20	16
17	20	1	--	--	--	--			0.0	SPARE						1	20	18
19	20	1	--	--	--	--	0.0	0.0		SPARE						1	20	20
21	20	1	--	--	--	--		0.0	0.0	SPARE						1	20	22
23	20	1	--	--	--	--			0.0	SPARE						1	20	24
25	20	1	--	--	--	--	0.0	0.0		SPARE						1	20	26
27	20	1	--	--	--	--		0.0	0.0	SPARE						1	20	28
29	20	1	--	--	--	--			0.0	SPARE						1	20	30
31	20	1	--	--	--	--	0.0	0.0		SPARE						1	20	32
33	20	1	--	--	--	--		0.0	0.0	SPARE						1	20	34
35	20	1	--	--	--	--			0.0	SPARE						1	20	36
37	20	1	--	--	--	--	0.0	0.0		SPARE						1	20	38
39	20	1	--	--	--	--		0.0	0.0	SPARE						1	20	40
41	20	1	--	--	--	--			0.0	SPARE						1	20	42

TOTALS:	CONNECTED kVA PER PHASE	2	1	1	CONNECTED TOTAL kVA =	4
	CONNECTED AMPS PER PHASE	18	10	9	AVERAGE CONNECTED AMPS PER PHASE =	12

NEC DIVERSIFIED LOAD CALCULATIONS			
LIGHTING & CONTINUOUS LOADS:	100% CONNECTED LOAD PLUS 25%	DIVERSIFIED TOTAL kVA = 4	
RECEPTACLES: 0.2 kVA @ 100% = 0.2 kVA	FIRST 10kVA @ 100%, REMAINDER @ 50%	AVERAGE AMPS PER PHASE = 12	
ALL OTHER LOADS @ 100%: 4.2 kVA	MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC		

BKR: GF=GFCl, GF3=30mA GFCl CAPABLE OF BEING LOCKED OUT IN OPEN POSITION, IG=ISOLATED GROUND, AF=AFCl, ST=SHUNT TRIP, RED=PROVIDE RED COLORED BREAKER, AF=ARC FAULT CURRENT INTERRUPTER, GA=COMBINATION OF GROUND FAULT AND ARC FAULT CIRCUIT INTERRUPTER, GS=COMBINATION OF SHUNT TRIP WITH GFCl

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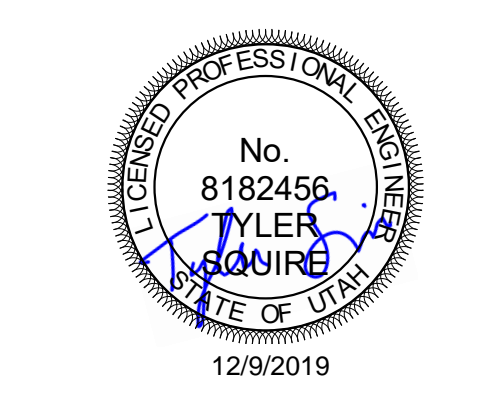
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EP602

SHEET KEYNOTES

- 1 CONNECT TO EXISTING EMERGENCY CIRCUIT PREVIOUSLY FEEDING EMERGENCY LIGHTING ON THIS FLOOR.
- 2 CONNECT TO SPARE CIRCUIT BREAKER IN PANEL INDICATED. PROVIDE UPDATED TYPEWRITTEN PANEL SCHEDULES AT THE COMPLETION OF THE PROJECT.
- 3 CONNECT TO EXISTING LIGHTING CIRCUIT PREVIOUSLY FEEDING IN THIS AREA.
- 4 PROVIDE NEW RELAY PANEL WITH BMS INTERFACE. CIRCUIT ALL OPEN OFFICE AREA LIGHTS AND COMMON AREA LIGHTS THROUGH THE RELAY PANEL.

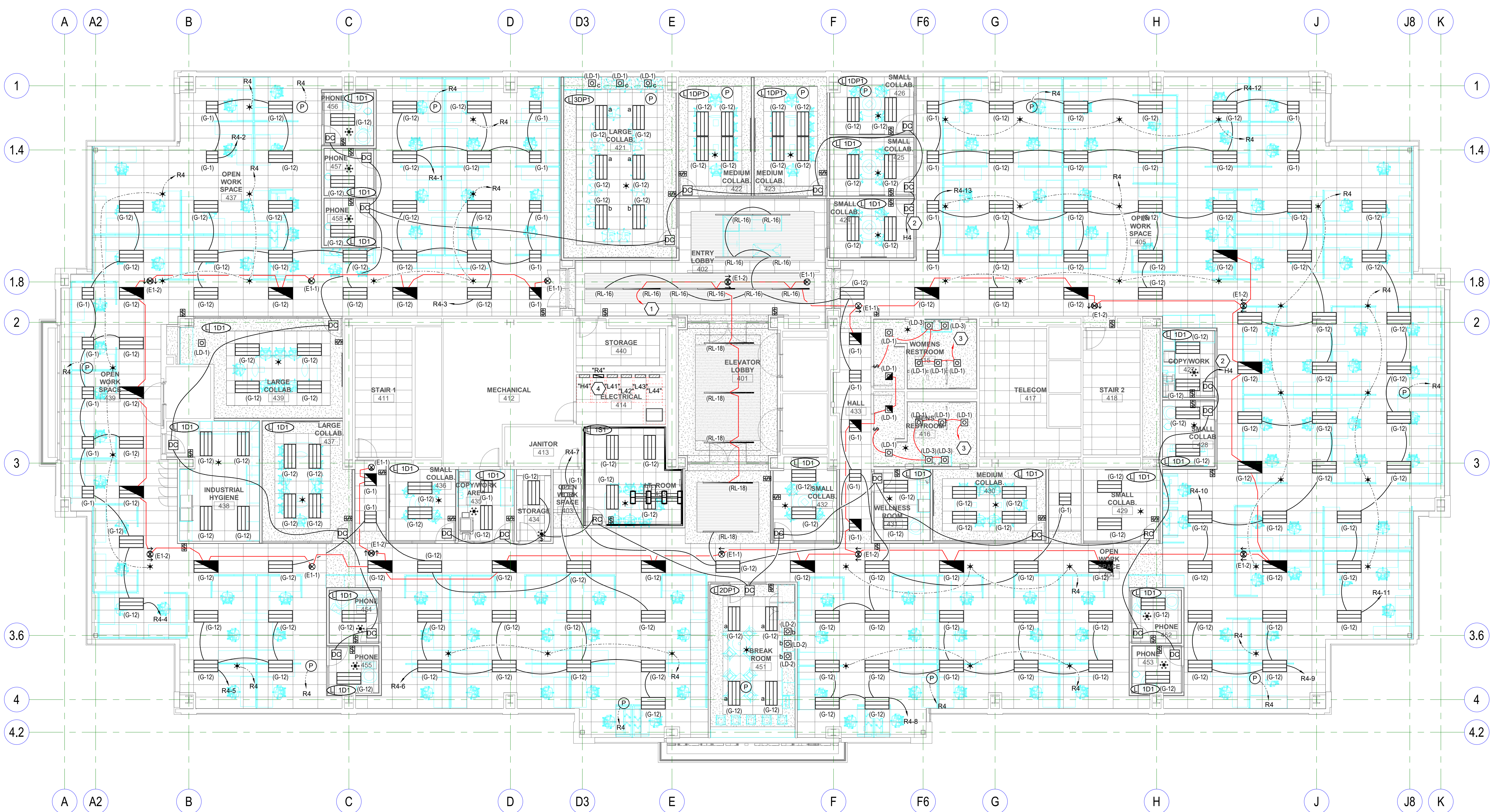
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A1 LEVEL 04 - LIGHTING PLAN
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 CONSTRUCTION DOCUMENTS

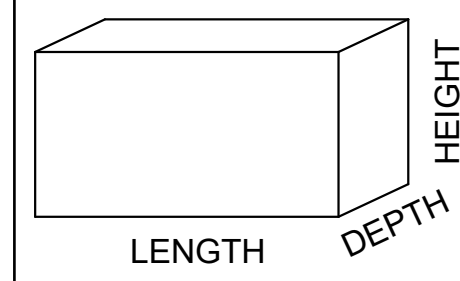
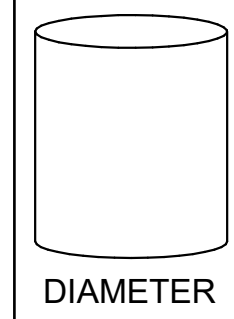
LEVEL 04 - LIGHTING PLAN
EL 104

INTERIOR LIGHTING FIXTURE SCHEDULE

ABBREVIATIONS

MOUNTING

B - BASE
C - CEILING
F - FLANGE
G - GRID
P - PENDANT
PL - POLE
R - RECESSED
S - SURFACE
W - WALL



LUMINAIRE OPTIONS

ARRR - AIR RETURN AND HEAT REJECTION
DL - DAMP LOCATION
EGC - EARTHQUAKE CLIPS
F - FLUORESCENT
HLD - HINGED AND LATCHED DOOR
HS - HOUSE SIDE SHIELD
PS - PHOTOCELL SWITCH
QRS - QUARTZ RESTRIKE
ST - STATIC
WG - WIRE GUARD
WL - WET LOCATION

FINISH

MW - MATTE WHITE
BL - BLACK
SL - SILVER
GL - GOLD
CL - CLEAR
PW - PAINTED WHITE
EA - EXTRUDED ALUMINUM
S - STEEL
GS - GALVANIZED STEEL
C - CAST
CBA - COLOR BY ARCHITECT
SCBA - STANDARD COLOR BY ARCHITECT
CCA - CUSTOM COLOR BY ARCHITECT
FS - MEETS FEDERAL STANDARD 209D
TP - THERMALLY PROTECTED
FL - FLUSH
R - REGRESS
M - MITERED

DIFFUSER/LENS

#A - ACRYLIC #THICK
#OA - ACRYLIC #THIN (OPAL)
GC - GLASS (CLEAR)
D - GLASS (OPAL)
GF - GLASS (FROSTED)
SGL - SOFT GLOW LENS
HPL - HIGH PERFORMANCE LENS
DO - DROP OPAL
COL - CONVEX GLASS LENS
S - SATIN LENS

REFLECTOR

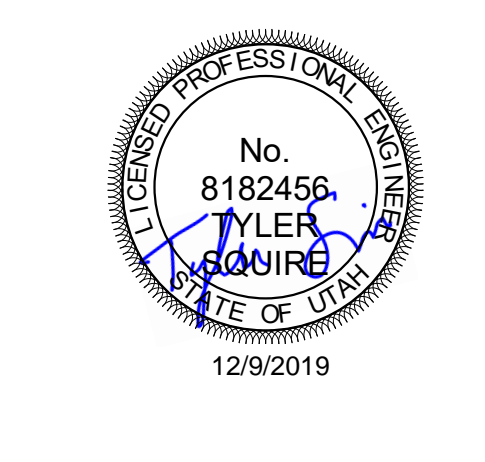
OP - NONE/OPEN
SP - SPECULAR
SS - SEMI-SPECULAR
D - DIFFUSE (WHITE ENAMEL)
SC - SPECULAR (COLORED)
PR - PRISMATIC
FDR - FULL DEPTH REFLECTOR
DS - DIFFUSE (SEMI SPECULAR) SILVER
LI - LOW IRRADIANT
IR - IRRADIANT
SL - SILVER
GL - GOLD
CA - CLEAR ALZAK

NOTES

GENERAL NOTES

- PROVIDE UNIT PRICES AND FIXTURE BRAND SELECTED FOR ADD/DELETE CHANGES FOR EACH FIXTURE TYPES SHOWN WITHIN 48 BUSINESS HOURS OF THE BID DATE. FAILURE TO COMPLY WITH THIS REQUIREMENT MAY DISQUALIFY THE PRODUCTS AND EMPOWER THE ENGINEER TO DETERMINE FAIR VALUE FOR FIXTURE AND INSTALLATION CHANGES, WITHOUT FURTHER INPUT FROM THE CONTRACTOR OR INSTALLER.
- CONTRACTOR ALLOWANCE PRICES ARE ACCURATE WHEN THIS JOB WAS SPECIFIED. CONTRACTOR AND ELECTRICAL DISTRIBUTOR SHALL VERIFY THIS ALLOWANCE AND REPORT ANY PROBLEMS TO THE ENGINEER BEFORE THE BID. ALLOWANCE PRICE MAY OR MAY NOT INCLUDE LAMP(S) OR FREIGHT AS NOTED, AND DO NOT INCLUDE ANY TAXES.
- SUBSTITUTIONS AND/OR EQUAL FIXTURES MUST RECEIVE APPROVAL PRIOR TO BIDDING. THEY MUST BE SUBMITTED TO THE ENGINEER NO LESS THAN 2 WEEKS PRIOR TO BID OPENING.
- SAMPLES MUST BE PROVIDED FOR ANY AND ALL FIXTURES UPON A/E REQUEST PRIOR TO RELEASING FIXTURES.
- ALL FIXTURES SHALL BE LISTED AND APPROVED FOR THEIR INTENDED USE AND LOCATION.
- VERIFY THE PROPER MOUNTING KITS OR ACCESSORIES TO FACILITATE INSTALLATION AS SHOWN AT EACH LOCATION ON THE DRAWINGS.
- COMPLY WITH THE "INTERIOR LIGHTING" SECTION OF THE SPECIFICATIONS.
- REFER TO SPECIFICATIONS FOR IMPORTANT TECHNICAL REQUIREMENTS FOR LIGHTING FIXTURES, DRIVERS, AND LAMPS.
- ALL LIGHT FIXTURES TO BE EITHER "DLC" OR "LIGHTING FACTS" LISTED OR TO BE APPROVED BY ARCHITECT/ENGINEER AND OWNER.

ID	DESCRIPTION	NOMINAL SIZE				MOUNTING	TYPE	COLOR TEMP	CRI	DRIVER CONFIGURATION	VOLTAGE	WATTS	FINISH	FIXTURE LUMENS	DIFFUSER/LENS	REFLECTOR	OPTIONS	NOTES	MANUFACTURER (CATALOG SERIES)		
		LENGTH	DEPTH	HEIGHT	DIAMETER/APERTURE														OPTION 1	OPTION 2	OPTION 3
(E1-1)	LED EDGE-LIT EXIT SIGN, SINGLE FACE					C				LED DRIVER		0		0					CHLORIDE (CA-6-GC-A-1)	DUAL-LITE (LESCGXNA)	ISOLITE (EUG-AC-G-1C)
(E1-2)	LED EDGE-LIT EXIT SIGN, DOUBLE FACE					C				LED DRIVER		0		0					CHLORIDE (CA-6-GM-A-2)	DUAL-LITE (LESCGXNA)	ISOLITE (EUG-AC-G-2M)
(G-1)	RECESSED LED TROFFER, CENTER BASKET STYLE.	2'	2'	5"		C,R	LED	3500K	80	LED DRIVER (0-10V DIMMING)	UNV	36		3300				LITHONIA (2BLT2-33L-ADP-EZ1-LP83 5)	COLUMBIA LIGHTING (LCAT22-35MLG-ED1U)	-	
(G-12)	RECESSED LED TROFFER, CENTER BASKET STYLE.	4'	2'	5"		C,R	LED	3500K	80	LED DRIVER (0-10V DIMMING)	UNV	47		4800				LITHONIA (2BLT4-48L-ADP-EZ1-LP83 5)	COLUMBIA LIGHTING (LCAT24-35MLG-ED1U)	-	
(LD-1)	LED RECESSED DOWNLIGHT, 2000 LUMENS, 4" SQUARE APERTURE	-	-	8"	4"	C,R	LED	3500K		LED DRIVER (0-10V DIMMING)	UNV	26	STEEL	2000				GOTHAM (ICO SQ-35/20-4AR-LSS-60D-M VOLT-GZ1)	PRESSCOLITE (D2LED-20BLEDL35K8FL 35)	-	
(LD-2)	LED DOWNLIGHT, 2" APERTURE, 750 LUMENS.	-	-	-	2"	C,R	LED	3500K		LED DRIVER (0-10V DIMMING)		20		750				GOTHAM (ICO-SQ35/20-4AR-LSS-35D-MVOLT)	PRESSCOLITE (D2LED-20BLEDL35K8FL 35)	-	
(LD-3)	4" DECORATIVE SQUARE DOWNLIGHT WITH GLASS ACCENT TRIM, 1100 LUMENS	-	-	-	4"	C,R	LED	3500K		LED DRIVER (0-10V DIMMING)		11	WH	1100				SPECTRUM (SGE48QLED05-10L-35K-DS10-UNV-CA0244DS-MW-FAS-Q4)	PRESSCOLITE (D2LED-20BLEDL35K8FL 35)	-	
(RL-16)	NARROW RECESSED LINEAR LED FIXTURE, SURFACE MOUNT FIXTURE BETWEEN WOOD SLATS.	6"	1 1/2"	3"		C,R	LED	3500K	90+	LED DRIVER (0-10V DIMMING)	UNV	44	BL	4000				LUMENWERX (MIKPD-HLQ-LED-90-500-6 FT-UNV-MIKDR-1-53WAC3 6-W)	-	-	
(RL-18)	NARROW RECESSED LINEAR LED FIXTURE, SURFACE MOUNT FIXTURE BETWEEN WOOD SLATS.	8"	1 1/2"	3"		C,R	LED	3500K	90+	LED DRIVER (0-10V DIMMING)	UNV	66	BL	6600				LUMENWERX (MIKPD-HLQ-LED-90-500-8 FT-UNV-MIKDR-1-53WAC3 6-W)	-	-	



REV	DATE	DESCRIPTION

VCBO NUMBER: 19140
CLIENT NUMBER: 00000
DATE: NOVEMBER 25, 2019

LIGHTING RELAY PANEL SCHEDULE

PANEL NAME: R4		ACCESSORIES: INTEGRAL PROCESSOR																									
LOCATION: ELECTRICAL 414		ASTRONOMICAL TIMELOCK																									
SUPPLY VOLTAGE:		LAN CONNECTIVITY AND CONTROL																									
MOUNTING: SURFACE																											
ENCLOSURE: NEMA 1																											
RELAY	DIMMING	PANEL...	DESCRIPTION	CHANNEL CONTROL						CHANNEL CONTROL						DESCRIPTION	PANEL...	DIMMING	RELAY								
1	YES	H4-2	LTG. OPEN WORK SPACE 437	A	B	C	D	E	F													LTG. OPEN WORK SPACE 437	H4-2	YES	2		
3	YES	H4-2	LTG. OPEN WORK SPACE 437							300	200											LTG. OPEN WORK SPACE 437, 439	H4-2	YES	4		
5	YES	H4-4	LTG. OPEN WORK SPACE 449									700	550									LTG. OPEN WORK SPACE 449	H4-4	YES	6		
7	YES	H4-4	LTG. OPEN WORK SPACE 449							1070	500			200	400							LTG. OPEN WORK SPACE 449	H4-4	YES	8		
9	YES	H4-6	LTG. OPEN WORK SPACE 449									200	300									LTG. OPEN WORK SPACE 449	H4-6	YES	10		
11	YES	H4-6	LTG. OPEN WORK SPACE 449										450	600								LTG. OPEN WORK SPACE 449	H4-6	YES	12		
13	YES	H4-6	LTG. OPEN WORK SPACE 449							800	0											SPARE	--	YES	14		
15	YES	--	SPARE									0	0									SPARE	--	YES	16		
17	YES	--	SPARE										0	0								SPARE	--	YES	18		
19	YES	--	SPARE							0	0											SPARE	--	YES	20		
21	YES	--	SPARE										0	0								SPARE	--	YES	22		
23	--	--	SPARE											0	0							LIGHTING SENSORS	--	NO	24		
25	--	--	SPARE											0	0							LIGHTING SENSORS	--	NO	26		
CHANNEL	DIMMING	CHANNEL DESCRIPTION	CHANNEL PROGRAMMING REQUIREMENTS																								
A	NO	MANUAL ON, AUTO SWEEP OFF	SWEEP OFF AT (10PM), MANUAL ON/OFF VIA LOW VOLTAGE SWITCH**																								
B	NO	CORRIDOR & COMMON SPACE	TIME OFF (10PM)/TIME ON (6AM)**																								
C	NO	NIGHT LIGHTS	ALWAYS ON - NIGHT LIGHTING, MANUAL OFF VIA LOW VOLTAGE SWITCH																								
D	NO	EXTERIOR LIGHTS OUT AT MIDNIGHT	EXTERIOR PHOTOCELL ON/TIME OFF (12AM)																								
E	NO	EXTERIOR LIGHTING ALL NIGHT	EXTERIOR PHOTOCELL ON/OFF																								
F	NO	SPARE	PROGRAM AS DIRECTED BY OWNER																								

- GENERAL NOTES:**
- PROGRAMMING OF SYSTEM SHALL COMPLY WITH CURRENT IECC REQUIREMENTS.
 - COORDINATE INITIAL PROGRAMMING WITH OWNER AND MODIFY CONTROL TIMES AND OPERATION AS REQUESTED BY OWNER.
 - PROVIDE FINE TUNING PROGRAMMING AND ADJUSTMENTS UPON REQUEST BY OWNER WITHIN FIRST 6 MONTHS AFTER SUBSTANTIAL COMPLETION.
 - ALL SPARE RELAYS AND CHANNELS SHALL BE INCLUDED WITH ORIGINAL SYSTEM INSTALLATION.
 - UPON LOSS OF NORMAL POWER, ALL EMERGENCY LIGHTING RELAYS SHALL TURN ON TO 100% UNTIL NORMAL POWER IS RESTORED, THEN GO BACK TO STANDARD MODE.
- ** CHANNEL SHALL BE PROGRAMMED WITH 10 MINUTE WARNING PRIOR TO TURNING LIGHTS OFF BY BLINKING THE LIGHTS OFF/OFF/OFF.

INTERMOUNTAIN ~ SHC 4TH FLOOR REMODEL
 INTERMOUNTAIN HEALTH CARE
 363 WEST VINE STREET MURRAY, UT 84123
 CONSTRUCTION DOCUMENTS



LIGHTING/SPACE CONTROL TYPE SCHEDULE

WIRING LEGEND	APPROVED MANUFACTURERS	LIGHTING CONTROL ID	GENERAL NOTES										GENERAL NOTES						
_____ LINE VOLTAGE WIRING - - - - - 0-10V WIRING ----- CAT5 CABLING _____ WIRING BY OTHERS ○---○ TMP SEGMENT ○---○ NETWORK CABLING	1. WATTSTOPPER (BASIS OF DESIGN) 2. NLIGHT 3. HUBBEL BUILDING AUTOMATION 4. GREENGATE	1. # = NUMBER OF ZONES 2. D = DIMMING, S = SWITCHING 3. P = DAYLIGHT PHOTOCELL 4. L = PLUG LOAD CONTROLLER 5. # = INSTANCE	1. COORDINATE INITIAL PROGRAMMING WITH OWNER AND MODIFY CONTROL TIMES AND OPERATION AS REQUESTED BY OWNER. 2. PROVIDE FINE TUNING PROGRAMMING AND ADJUSTMENTS UPON REQUEST BY OWNER WITHIN FIRST 6 MONTHS AFTER SUBSTANTIAL COMPLETION. 3. PROVIDE CUSTOMIZED ENGRAVED PERMANENT BUTTON LABELS ON EACH SWITCH. LABEL TO MATCH BUTTON LABEL ID OR AS DIRECTED BY OWNER. 4. PART NUMBERS SHOWN ARE BASED ON WATTSTOPPER AS THE BASIS OF DESIGN. ALL APPROVED MANUFACTURERS ARE SUBJECT TO MEETING ALL FUNCTIONS AND CAPABILITIES OF THE BASIS OF DESIGN SYSTEM AND PRODUCTS. FAILURE TO MEET THESE SHALL REQUIRE THE CONTRACTOR TO PROVIDE A SYSTEM THAT DOES AT NOT ADDITIONAL COST.										5. REFER TO PLANS FOR LOCATIONS AND QUANTITIES OF DEVICES. 6. INSTALL ONE OF EACH CONTROL TYPE WITH PROGRAMMING, ADJUST, AND OBTAIN OWNERS APPROVAL PRIOR TO PROGRAMMING THE REMAINING CONTROLS. 7. WIRING MAY VARY BETWEEN MANUFACTURERS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE REQUIRED WIRING THAT WILL BOTH MEET THE MANUFACTURERS REQUIREMENTS AND MATCH WITH THE SHOWN SYSTEM. 8. PROVIDE COMPLETE SHOP DRAWING SUBMITTALS INCLUDING OCCUPANCY SENSOR LAYOUT AND COVERAGE PATTERNS. PROVIDE ADDITIONAL SENSORS AS REQUIRED FOR 100% COVERAGE OF SPACES WITH OCCUPANCY SENSOR CONTROL.						
ID	DETAIL	LIGHTS ON CONTROL	LIGHTS OFF CONTROL	LIGHTING CONTROL TYPE	DAYLIGHT SENSOR SETTING (FC)	TIME DELAY TO OFF (MIN)	BAS AUX RELAY SIGNAL	PLUG LOAD CONTROLLER	NETWORKED CONTROLS	BUTTON_1	BUTTON_2	BUTTON_3	BUTTON_4	BUTTON_5	BUTTON_6	BUTTON_7	BUTTON_8	BUTTON_9	NOTES
1D1		MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	DIMMING 0-10V	-	15	RELAY CLOSED ON OCCUPANCY	-	-	FUNCTION: PRESS TOP-ON, HOLD TOP-RAISE LABEL ID: TOP-ONRAISE- BOTTOM-OFF/LOWER	-	-	-	-	-	-	-	-	-
1DP1		MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	DIMMING 0-10V	30	15	RELAY CLOSED ON OCCUPANCY	-	-	FUNCTION: PRESS TOP-ON, HOLD TOP-RAISE LABEL ID: TOP-ONRAISE- BOTTOM-OFF/LOWER	-	-	-	-	-	-	-	-	-
1S1		MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	ON/OFF	-	15	RELAY CLOSED ON OCCUPANCY	-	-	FUNCTION: PRESS-ON PRESS-OFF LABEL ID: ON/OFF	-	-	-	-	-	-	-	-	-
2DP1		MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	DIMMING 0-10V	30	15	RELAY CLOSED ON OCCUPANCY	-	-	FUNCTION: PRESS TOP-ON, HOLD TOP-RAISE LABEL ID: TOP-ONRAISE- BOTTOM-OFF/LOWER	FUNCTION: PRESS-PRESET SCENE #01 ZONE "a" 75% LABEL ID: "PRE #1"	FUNCTION: PRESS-PRESET SCENE #02 ZONE "a" 0% LABEL ID: "PRE #2"	FUNCTION: PRESS-SELECT ZONE "a" FOR DIMMING LABEL ID: "ZONE a"	FUNCTION: PRESS-SELECT ZONE "b" FOR DIMMING LABEL ID: "ZONE b"	-	-	-	-	-
3DP1		MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	DIMMING 0-10V	30	15	RELAY CLOSED ON OCCUPANCY	-	-	TOGGLE PRESS: TOP-ON, PRESS: BOTTOM-OFF, HOLD TOP-RAISE, HOLD BOTTOM-LOWER	PRESET SCENE #01 - ZONE "a" 0%, ZONE "b" 50%, ZONE "c" 100%	SELECT ZONE "a"	SELECT ZONE "b"	SELECT ZONE "c"	-	-	-	-	-



REV	DATE	DESCRIPTION

VCBO NUMBER: 19140
 CLIENT NUMBER: 00000
 DATE: NOVEMBER 25, 2019

INTERMOUNTAIN ~ SHC 4TH FLOOR REMODEL
 INTERMOUNTAIN HEALTH CARE
 383 WEST VINE STREET MURRAY, UT 84123
 CONSTRUCTION DOCUMENTS

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EQUIPMENT/CABLE LIST

THE ITEMS INDICATED BELOW SHALL NOT BE CONSTRUED AS A "BILL OF MATERIALS". THIS LIST IDENTIFIES ITEMS OF SIGNIFICANCE USED DURING THE DESIGN OF THE CABLING INSTALLATION. WHERE THE ITEMS INDICATED ARE ONE PORTION OF AN ASSEMBLY, THE ENTIRE ASSEMBLY SHALL BE PROVIDED UNLESS SPECIFIED OTHERWISE. PROVIDE ALL MISCELLANEOUS HARDWARE AND SUPPORTS WHICH MAY NOT BE LISTED HERE, FOR A COMPLETE INSTALLATION. COMPARE CATALOG NUMBERS WITH DESCRIPTIONS AND NOTIFY ENGINEER OF DISCREPANCIES PRIOR TO BID. IF CATALOG NUMBERS DO NOT MATCH DESCRIPTIONS, THE DESCRIPTIONS TAKE PRECEDENCE. PROVIDE COMPLETE SUBMITTAL FOR APPROVAL PRIOR TO PURCHASING ANY EQUIPMENT OR CABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

SYMBOL	ITEM DESCRIPTION	ACCEPTABLE TYPES
	STATION CABLE, DATA - CATEGORY 6A FUTP PLENUM, BLUE, DATA	SIEMON 9A6P4-A5-06-R1A
	STATION CABLE, DATA - CATEGORY 6A FUTP PLENUM, YELLOW, WIRELESS DATA	SIEMON 9A6P4-A5-05-R1A
	25 PAIR CATEGORY 3 RISER CABLE, GRAY	GENERAL CABLE OR EQUAL
	FIBER OPTIC CABLE, SINGLE-MODE, 24 STRAND, ARMORED, PLENUM CABLE, YELLOW	SIEMON 9BGR024L-E205A
	FIBER OPTIC CABLE, SINGLE-MODE, 144 STRAND, ARMORED, INDOOR/OUTDOOR, BLACK	SIEMON 9GSH144G-E201M
	VOICE OUTLET, SINGLE GANG FACEPLATE, WHITE W/WALL HUNG PHONE MOUNTING STUDS, ONE POSITION W/CATEGORY 6A INSERT	SIEMON MX-WP-26AS-SS
	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 2 POSITION	SIEMON 10GMX-FPS02-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	DATA OUTLET, SURFACE MOUNT BOX, WHITE, 2 POSITION	SIEMON MX-SMZ2-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	DATA OUTLET, SURFACE MOUNT BOX, WHITE, 1 POSITION	SIEMON Z6A-S06
	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	DATA OUTLET, FURNITURE FACEPLATE, BLACK	SIEMON MX-UMA-01
	CATERGRPU 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	BLANK MODULE, BLACK	SIEMON MX-BL-01
	DATA OUTLET, SURFACE MOUNT BOX, WHITE, 2 POSITION	SIEMON MX-SMZ2-02
	CATEGORY 6A JACK - DATA, YELLOW	SIEMON Z6A-S05
	DATA OUTLET, SURFACE MOUNT BOX, WHITE, 1 POSITION	SIEMON MX-SMZ1-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	48 PORT, 1RU ANGLE PATCH PANEL WITH OUTLETS	SIEMON Z6AS-PA-48
	48 PORT, 1RU ANGLE PATCH PANEL, 110 STYLE	SIEMON HD5-24A
	SIX POSITION, 12 STRAND, FIBER SPLICE MODULE, LC	SIEMON RIC3-E-48-01
	FIBER PATCH PANEL, EXPANDED UNIT FOR FIBER SPLICE TRAY CAPACITY, 3RU	SIEMON H05-24A
	FIBER SPLICE TRAY	SIEMON FMS2-12-LCSM-01
	BLANK ADAPTER PLATE, BLACK	SIEMON TRAY-3
	BLANK ADAPTER PLATE, BLACK	SIEMON RIC-F-BLANK-01
	HORIZONTAL WIRE MANAGERS, 4RU	SIEMON RIC-F-BLANK-01
	VERTICAL WIRE MANAGERS, DOUBLE SIDED, BLACK	PANJUIT NCMHAEF4
	EQUIPMENT RACK, 7' x 19", 45RU, BLACK	CHATSWORTH 40098-703
		CHATSWORTH 55053-703
	CABLE RUNWAY - 24", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES	CHATSWORTH 10250-724
	CABLE RUNWAY - 18", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES	CHATSWORTH 10250-718
	BUTT SPLICE KIT, BLACK	CHATSWORTH 11301-701
	JUNCTION SPLICE KIT, BLACK	CHATSWORTH 11302-701
	FOOT KIT, BLACK	CHATSWORTH 11309-701
	6" CHANNEL RACK TO RUNWAY, BLACK	CHATSWORTH 12409-724
	TRIANGLE BRACKETS, BLACK	CHATSWORTH 11746-724
	END CLOSING KIT, CABLE RUNWAY, BLACK	CHATSWORTH 11700-724
	WALL ANGLE SUPPORT KIT, CABLE RUNWAY, BLACK	CHATSWORTH 11421-724
	CABLE RUNWAY ELEVATION KIT, 6"	CHATSWORTH 10506-706
	CABLE RUNWAY RADIUS DROP	CHATSWORTH 12100-712
	PLYWOOD BACKBOARD, 4' x 8', GRADE AC, FIRE TREATED & PAINTED	
	TELECOMMUNICATIONS MAIN GROUNDING BUS BAR	
	TELECOMMUNICATIONS GROUNDING BUS BAR	

NOTE: ALL RACKS, LADDER, PATCH PANELS AND ACCESSORIES SHALL BE BLACK IN COLOR.

CABLE/OUTLET COLOR SCHEDULE

COLOR	TYPE
BLACK	TV COAX
BLUE	ANALOG PHONE
BLUE	DATA
BLUE	IP SECURITY CAMERAS
GREY	SECURITY CARD READERS
ORANGE	CLINICAL ENGINEERING / NURSE CALL
RED	FIRE SYSTEMS
RED	FORESEER
WHITE	PUBLIC ADDRESS
YELLOW	WIRELESS
GREEN	VENDOR NETWORK

ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

A	AUGMENTED CATEGORY
CAT	ENHANCED EACH
EA	EQUIPMENT ROOM
ER	FIBER PATCH PANEL
FPP	GIGA HERTZ
G/G	HORIZONTAL WIRE MANAGEMENT
HWM	NOT IN CONTRACT
NIC	OWNER ELECTRONICS
OE	PLENUM
PNM	PAIR
PR	POWER SUPPLY
PS	RISER PATCH PANEL
RPP	STATION PATCH PANEL
SPP	TELECOMMUNICATIONS DISTRIBUTION ROOM
TDR	TYPICAL
TYP	VERTICAL WIRE MANAGEMENT
WVM	

DEFINITIONS

NOTE: ALL DEFINITIONS MAY NOT BE USED.

INDICATED: THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN," "NOTED," "SCHEDULED," AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE, NO LIMITATION ON LOCATION IS INTENDED.

DIRECTED: TERMS SUCH AS "DIRECTED", "REQUESTED", "AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.

APPROVE: THE TERM "APPROVED", WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.

FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."

INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."

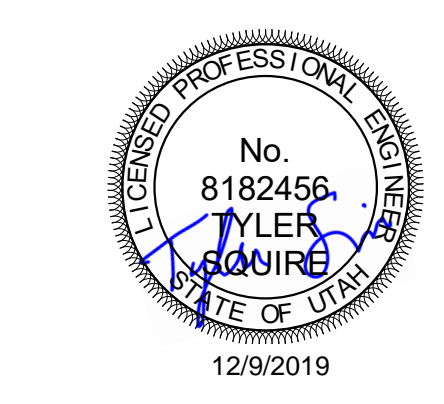
PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."

INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.

ELECTRONIC SYSTEMS: THE TERM "ELECTRONIC SYSTEMS" IS USED TO DESCRIBE ALL LOW VOLTAGE SYSTEMS GENERALLY REFERRED TO AS "SPECIAL SYSTEMS". THESE SYSTEMS INCLUDE BUT ARE NOT NECESSARILY LIMITED TO ALL SYSTEMS WHICH UTILIZE VOLTAGES OF LESS THAN 71 VOLTS SUCH AS SOUND SYSTEMS, VIDEO SYSTEMS, TV SYSTEMS, SECURITY SYSTEMS, VOICE AND DATA CABLING SYSTEMS, ETC...

GENERAL PROJECT NOTES

- UNLESS OTHERWISE NOTED, INSTALL ALL CABLE INSIDE RACEWAY SYSTEMS. WHERE RACEWAY SYSTEMS HAVE NOT BEEN PROVIDED OR SPECIFIED, INSTALL CABLE THROUGH THE SPECIFIED "CADDY" CLIPS AT THE MINIMUM INTERVALS IDENTIFIED IN THE SPECIFICATIONS. SUPPORT "CADDY" CLIPS DIRECTLY FROM THE BUILDING STRUCTURE, NOT FROM OTHER BUILDING SYSTEM SUPPORT WIRES OR CABLE.
- PROVIDE PLENUM RATED CABLE IN ALL AIR PLENUMS. IF A PLENUM RATED CABLE IS NOT SPECIFIED, PROVIDE THE PLENUM RATED EQUIVALENT TO THE SPECIFIED CABLE.
- LABEL ALL CABLE INSTALLED UNDER THIS CONTRACT REGARDLESS OF LENGTH.
- THE EQUIPMENT LABELING IDENTIFIED ON DETAILS IN THESE DRAWINGS ARE EXAMPLES ONLY OF THE ACTUAL LABELING WHICH IS REQUIRED AS PART OF THIS CONTRACT. PRIOR TO FABRICATION, SUBMIT THE NOMENCLATURE FOR ALL LABELS TO THE OWNER FOR REVIEW. THIS REQUIREMENT INCLUDES BUT IS NOT LIMITED TO ALL CABLE LABELING, AND ALL EQUIPMENT LABELING.
- IF OUTLET IS TERMINATED IN CEILING SPACE, LABEL THE T-BAR GRID WITH THE OUTLET NUMBER FOR EASY LOCATION AND IDENTIFICATION.
- GROUND ALL EQUIPMENT RACKS INSTALLED UNDER THIS CONTRACT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS.
- PROVIDE THE QUANTITY OF PATCH PANELS REQUIRED +20% FOR THE TOTAL DATA OUTLETS SHOWN ON FLOOR PLANS FOR THE PARTICULAR LEVEL.
- RACK SPACE ALLOCATION SHOULD BE FOLLOWED PER DRAWINGS. IF YOU HAVE A SYSTEM THAT HAS NO RACK SPACE ALLOCATED PLEASE CALL BOE SAUSED0 AT 801-707-3805
- ENSURE ALL BASKET TRAY AND COMMUNICATIONS CONDUTS HAVE BEEN GROUNDED TO THE TECT/D, USING A MINIMUM #6 CU.
- CONTRACTOR TO LOOSELY BUNDLE ALL CABLES TOGETHER BY FLOOR OR ORIENTATION.
- FOR EVERY CABLE PULL SPECIFIED, COIL 15' OF EXCESS CABLE AT THE STATION END FOR FUTURE USE AND 3'-0" OF EXCESS CABLE AT THE TDR END. NEATLY COIL AND SECURE CABLE ABOVE THE CEILING OR BELOW FLOOR WHERE APPLICABLE.
- COORDINATE WITH ALL SUBS TO ENSURE THAT ALL CABLES ARE PROTECTED FROM ANY DIRECT PAINT OR INCIDENTAL OVERSPRAY.



REV	DATE	DESCRIPTION

VCBO NUMBER: 19140
 CLIENT NUMBER: 00000
 DATE: NOVEMBER 25, 2019

INTERMOUNTAIN ~ SHC 4TH FLOOR REMODEL
 INTERMOUNTAIN HEALTH CARE
 383 WEST VINE STREET MURRAY, UT 84123
 CONSTRUCTION DOCUMENTS

SHEET KEYNOTES

- COORDINATE EXACT TERMINATION LOCATION OF DATA DEVICE WITH ELECTRICAL INSTALLER.
- APPROXIMATE LOCATION OF EXISTING 8 EA., 4" CONDUIT SLEEVES COMING INTO ROOM FROM LEVEL BELOW. FIELD VERIFY AND COORDINATE ANY NECESSARY MOVEMENT OF ELECTRICAL AND AV DEVICES WITH CONSULTANT.

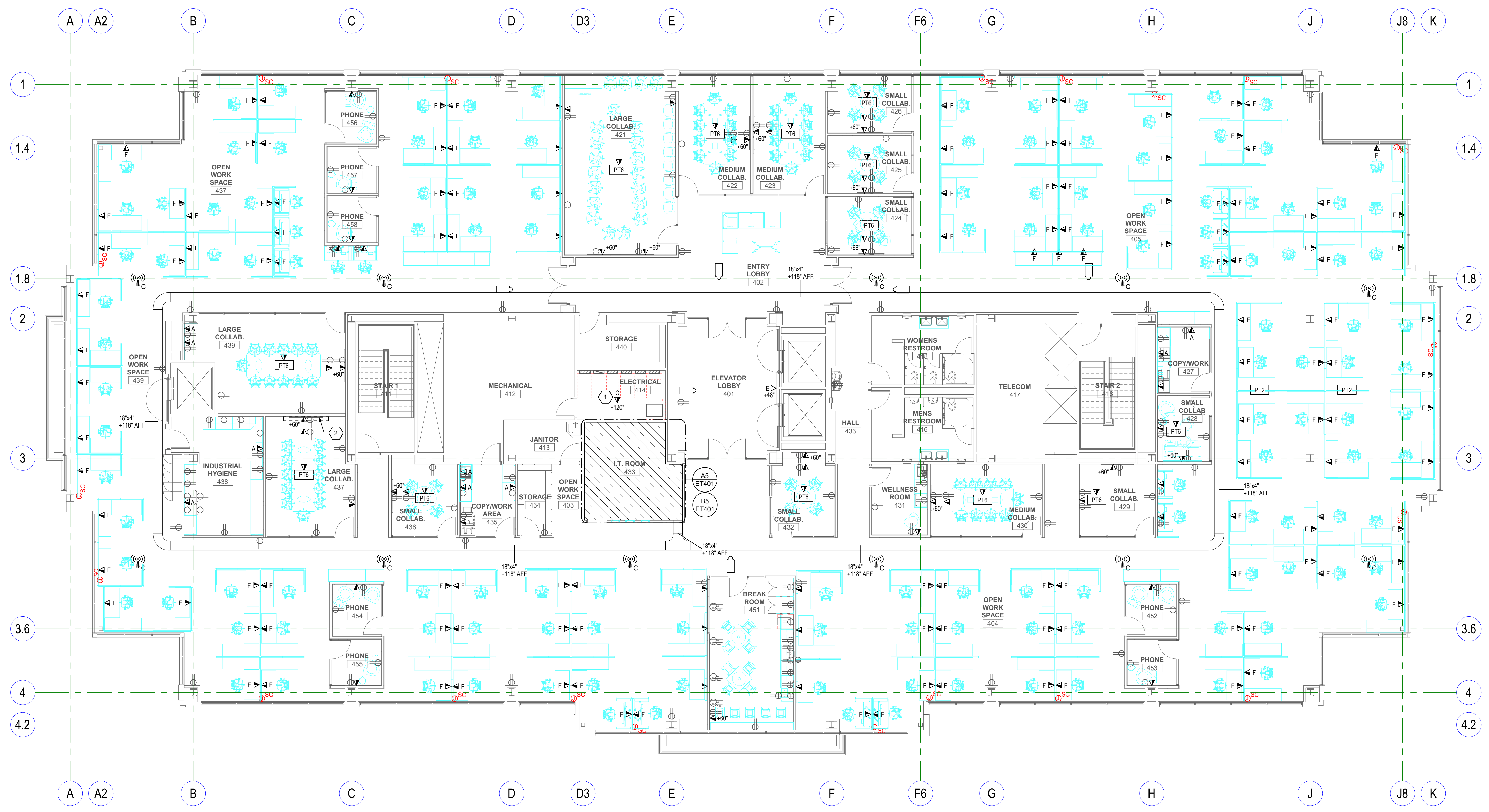
VCBO ARCHITECTURE
 524 SOUTH 800 EAST
 SALT LAKE CITY, UT 84102
 801.578.8880
 VCBO.COM

PROFESSIONAL ENGINEER
 No. 8182456
 TYLER SQUIRE
 STATE OF UTAH
 12/9/2019

SPECTRUM ENGINEERS
 324 S. State St., Suite 400
 Salt Lake City, UT 84111
 800-878-7077
 801-328-6151
 fax: 801-328-5155
 www.spectrum-engineers.com

REV	DATE	DESCRIPTION

VCBO NUMBER: 19140
 CLIENT NUMBER: 00000
 DATE: NOVEMBER 25, 2019



A1 LEVEL 04 - TELECOM PLAN
 SCALE: 1/8" = 1'-0"

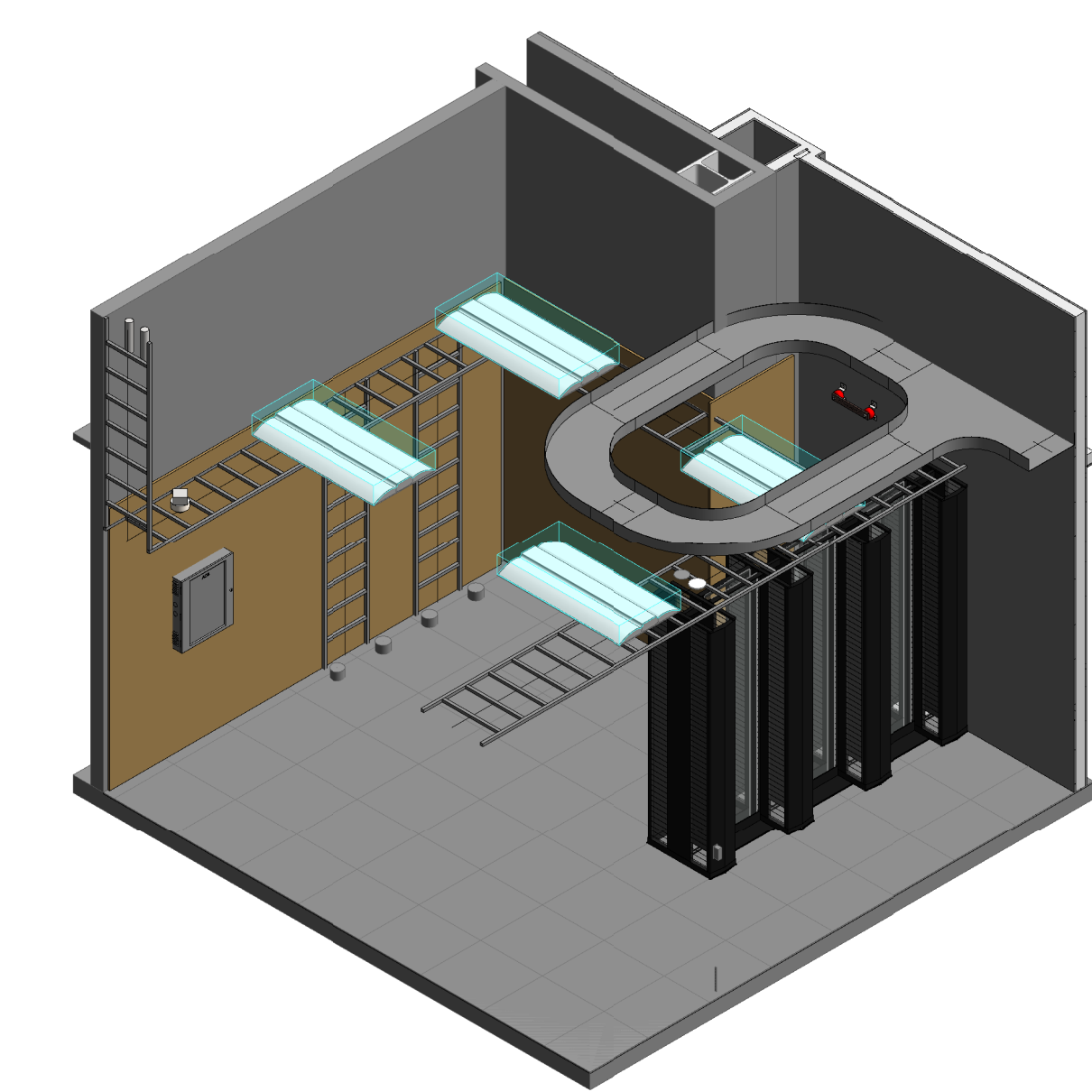
INTERMOUNTAIN ~ SHC 4TH FLOOR REMODEL
 INTERMOUNTAIN HEALTH CARE
 383 WEST VINE STREET MURRAY, UT 84123
 CONSTRUCTION DOCUMENTS

LEVEL 04 - TELECOM PLAN
ET104

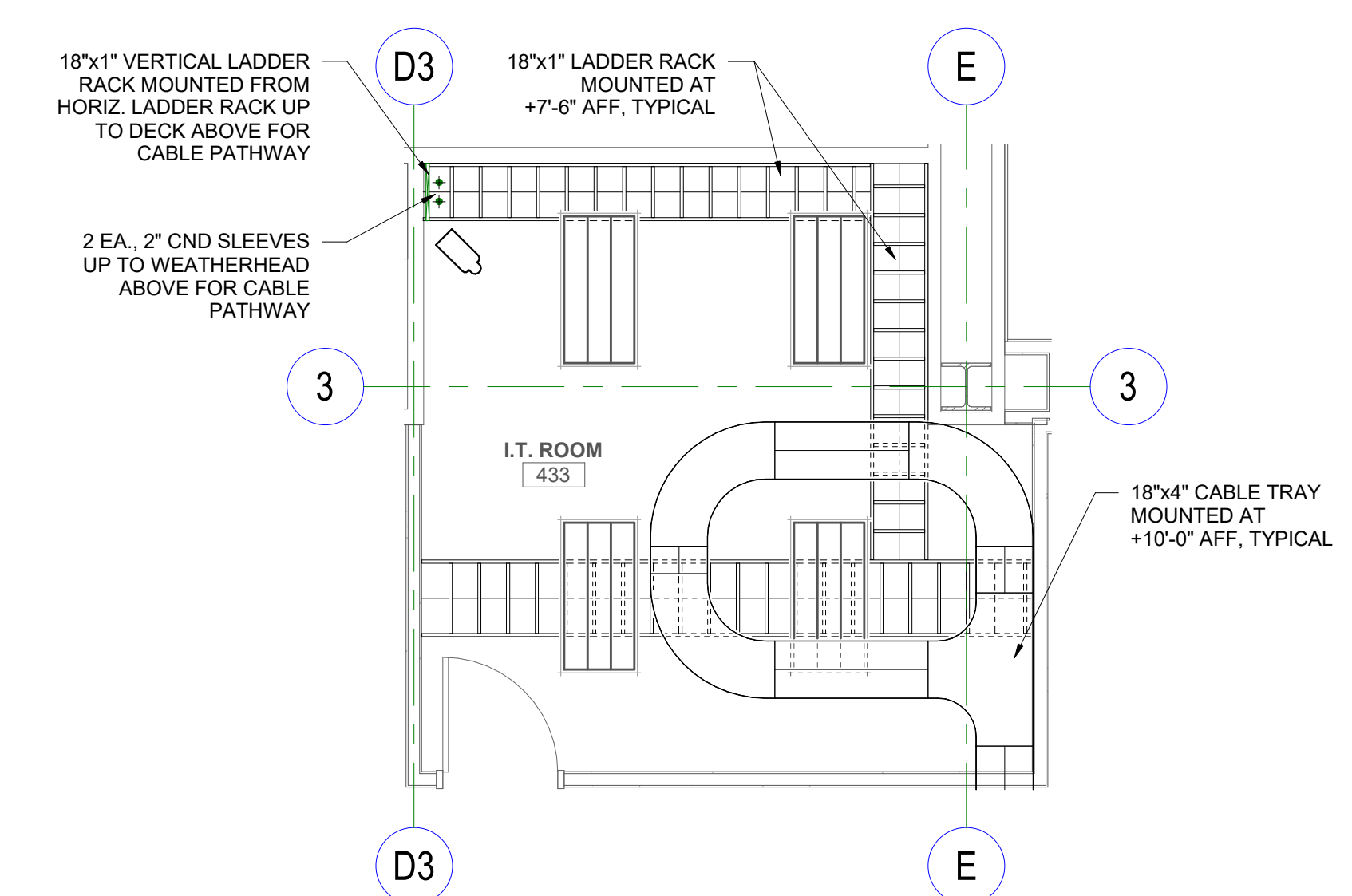
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REV	DATE	DESCRIPTION

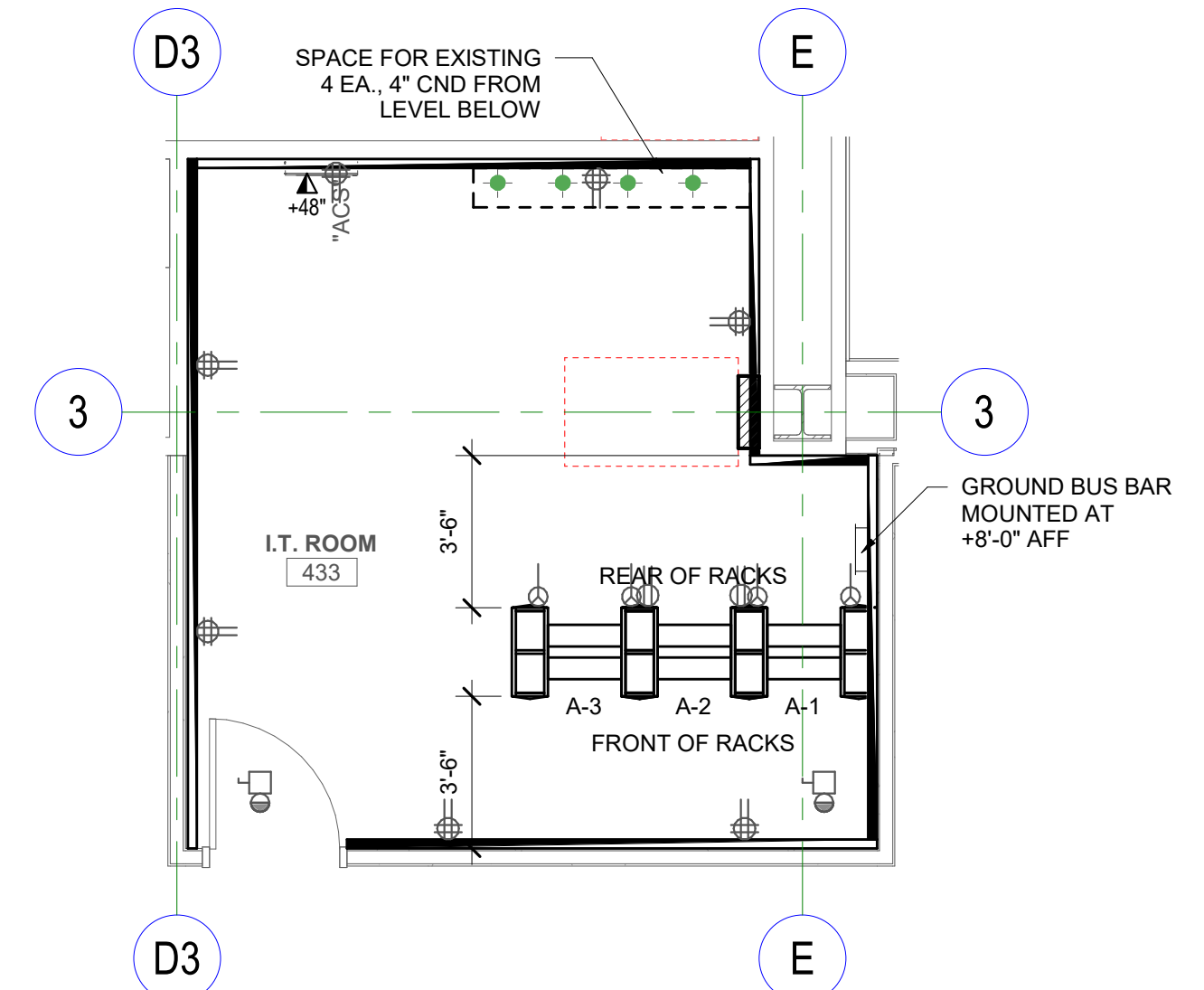
VCBO NUMBER: 19140
CLIENT NUMBER: 00000
DATE: NOVEMBER 25, 2019



C5 ENLARGED IT 414 ISOMETRIC PLAN
SCALE:



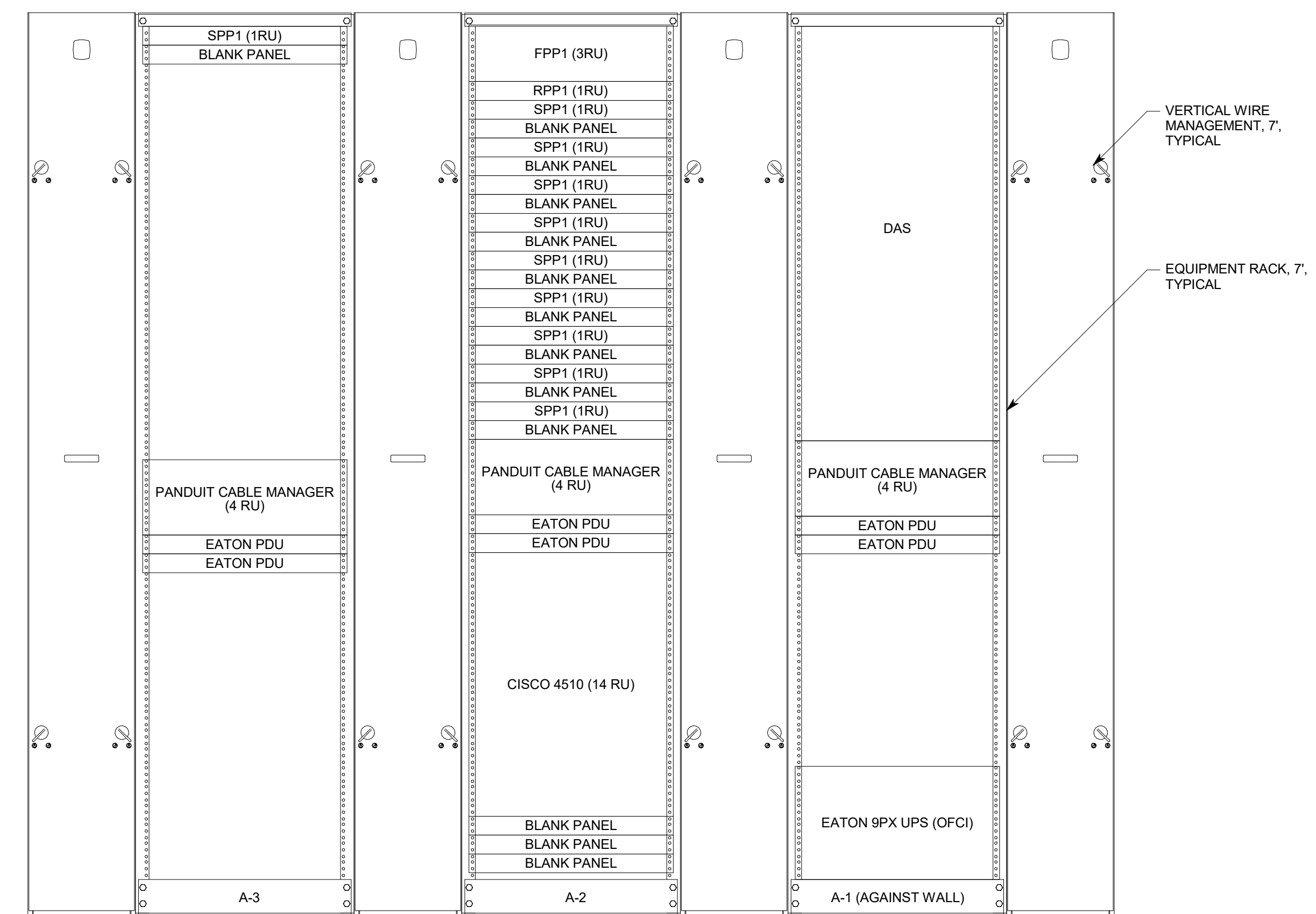
B5 ENLARGED IT 414 LADDER RACK PLAN
SCALE: 1/4" = 1'-0"



A5 ENLARGED IT 414 EQUIPMENT RACK PLAN
SCALE: 1/4" = 1'-0"

DATA DEVICE DROP SCHEDULE - IT 433

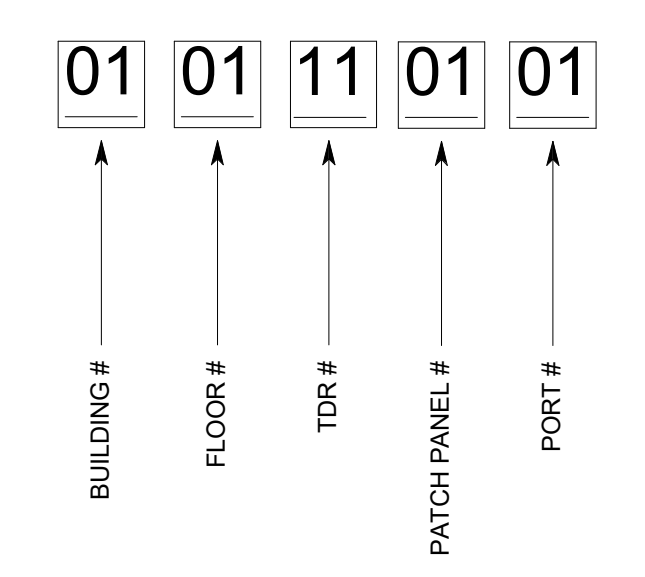
DATA DEVICE TYPE	DETAIL LOCATION	COMM ROOM LOCATION	TOTAL BY FLOOR	Num of Drops
LEVEL 04				
CEILING DATA (2-DROP)	SEE DETAIL C5/ET502	IT ROOM 433	1	2
CEILING DATA CAMERA (1-DROP)	SEE DETAIL B5/ET502	IT ROOM 433	7	7
CEILING WIRELESS ACCESS POINT (2-DROP)	SEE DETAIL C6/ET502	IT ROOM 433	11	22
FLOOR DATA (2-DROP)	SEE DETAIL A6/ET502	IT ROOM 433	12	24
FURNITURE DATA (2-DROP)	SEE DETAIL A5/ET502	IT ROOM 433	129	258
WALL DATA (2-DROP)	SEE DETAIL A6/ET502	IT ROOM 433	55	110
WALL DATA - ABOVE COUNTER (2-DROP)	SEE DETAIL A6/ET502	IT ROOM 433	9	18
WALL DATA - EMERGENCY (1-DROP)	SEE DETAIL D6/ET502	IT ROOM 433	1	1
Grand total			225	442



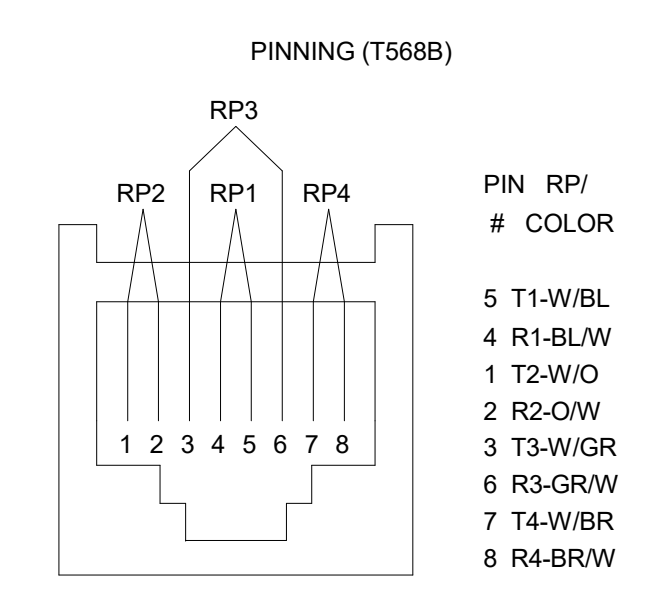
A4 TELECOM RACK ELEVATION DETAIL, LEVEL 4, IT 433
NO SCALE

REV	DATE	DESCRIPTION

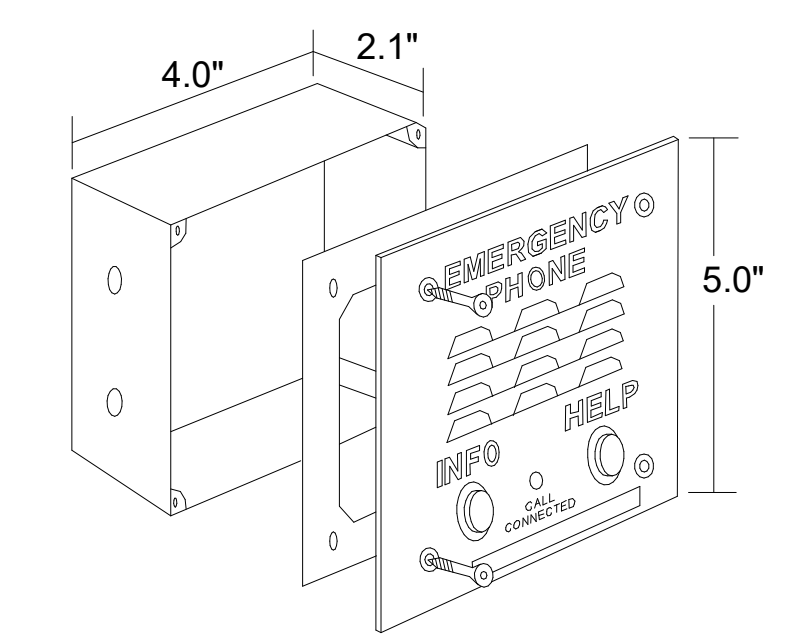
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CLIENT NUMBER: 00000
DATE: NOVEMBER 25, 2019



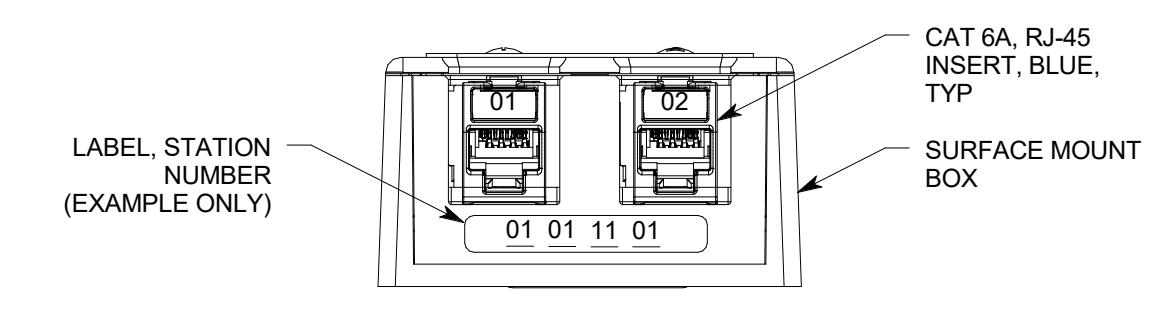
E6 CABLE ID EXAMPLE DETAIL
NO SCALE



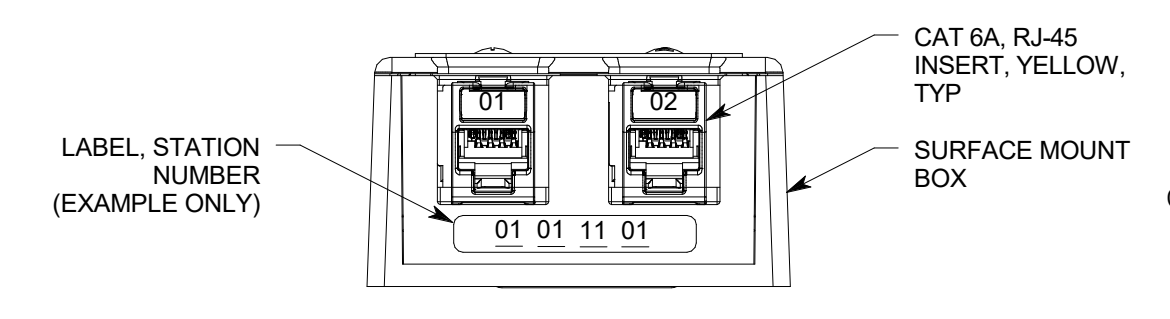
D5 TYPICAL VOICE-DATA OUTLET PINNING DETAIL
NO SCALE



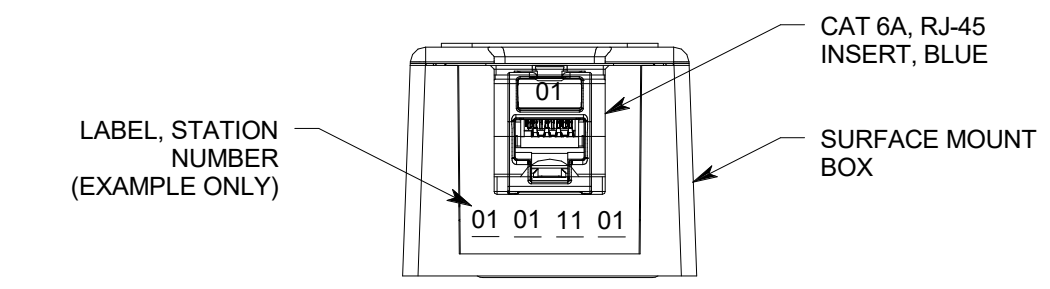
D6 TYPICAL EMERGENCY DATA OUTLET
NO SCALE



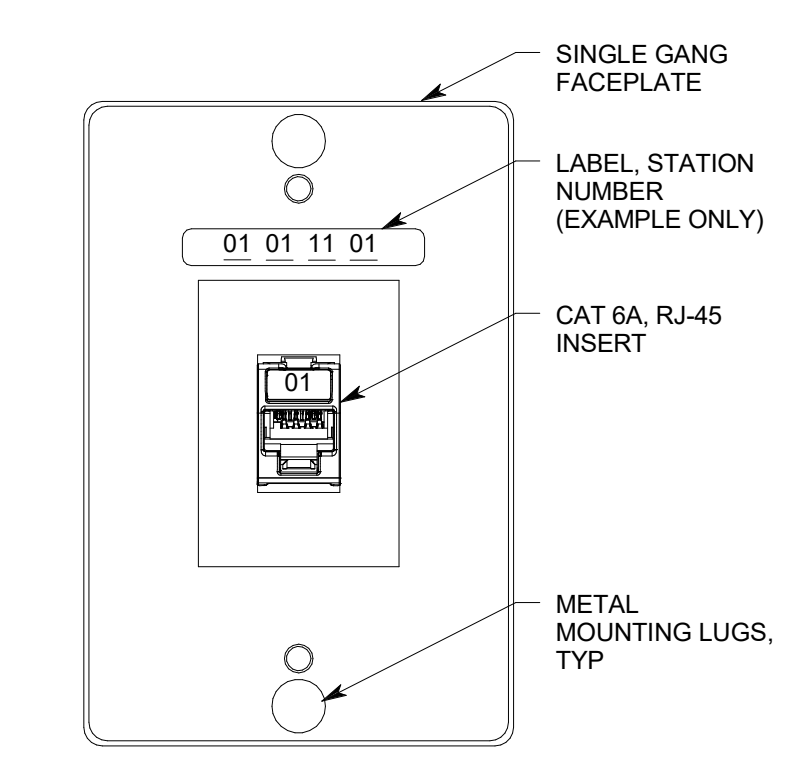
C5 TYPICAL 2-PORT DATA OUTLET
NO SCALE



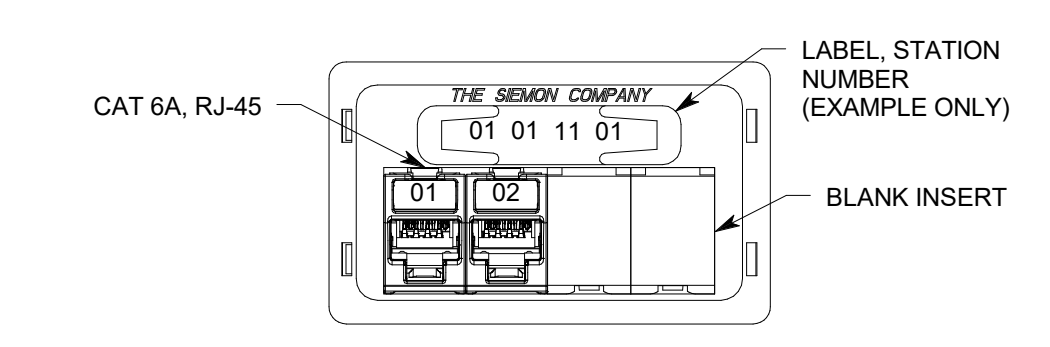
C6 TYPICAL 'WAP' DATA OUTLET
NO SCALE



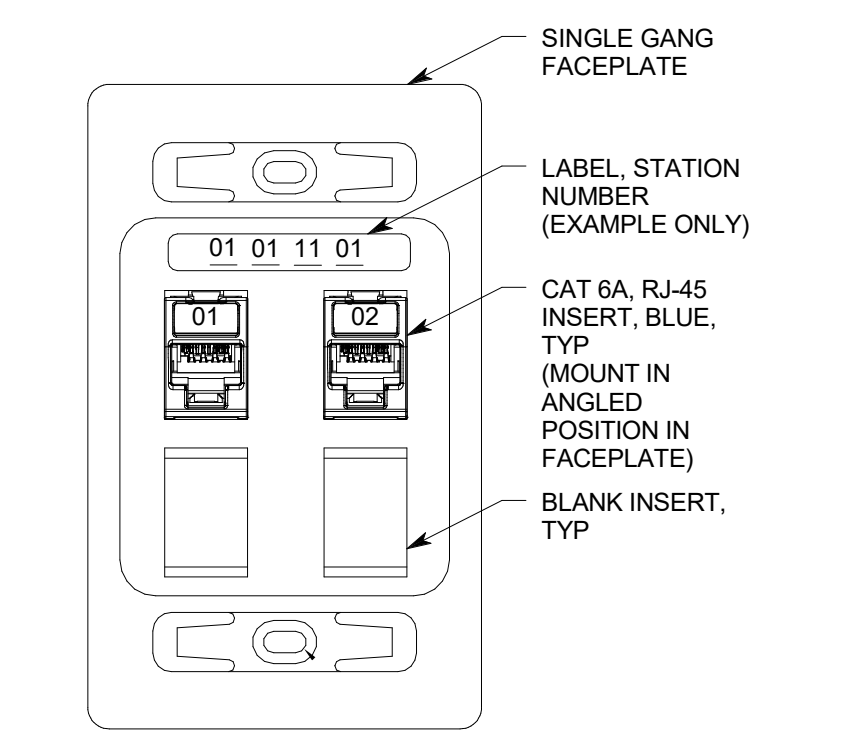
B5 TYPICAL 1-PORT CAMERA DATA OUTLET
NO SCALE



B6 TYPICAL WALL PHONE OUTLET
NO SCALE



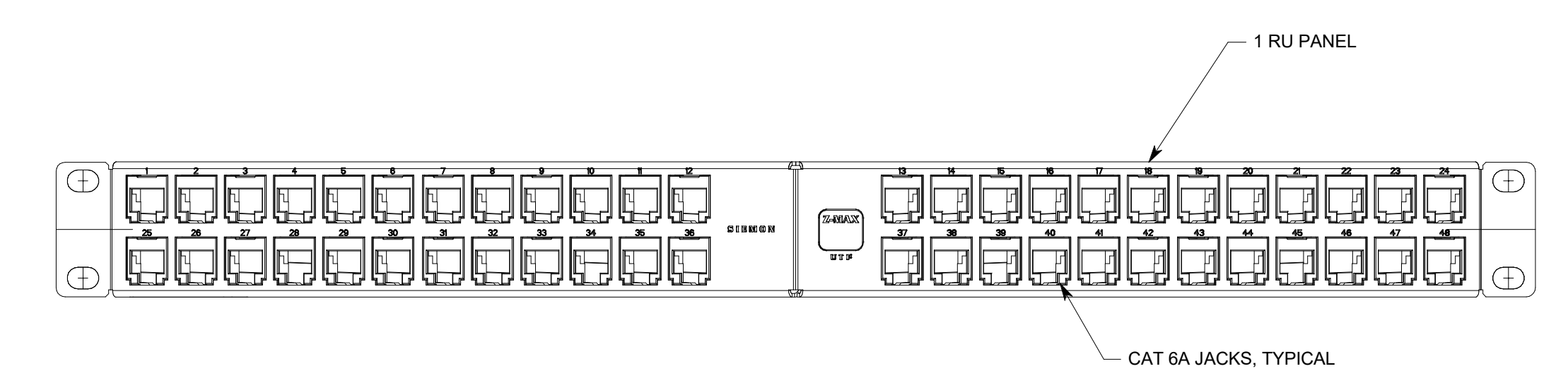
A5 TYPICAL 2-PORT FURN DATA OUTLET
NO SCALE



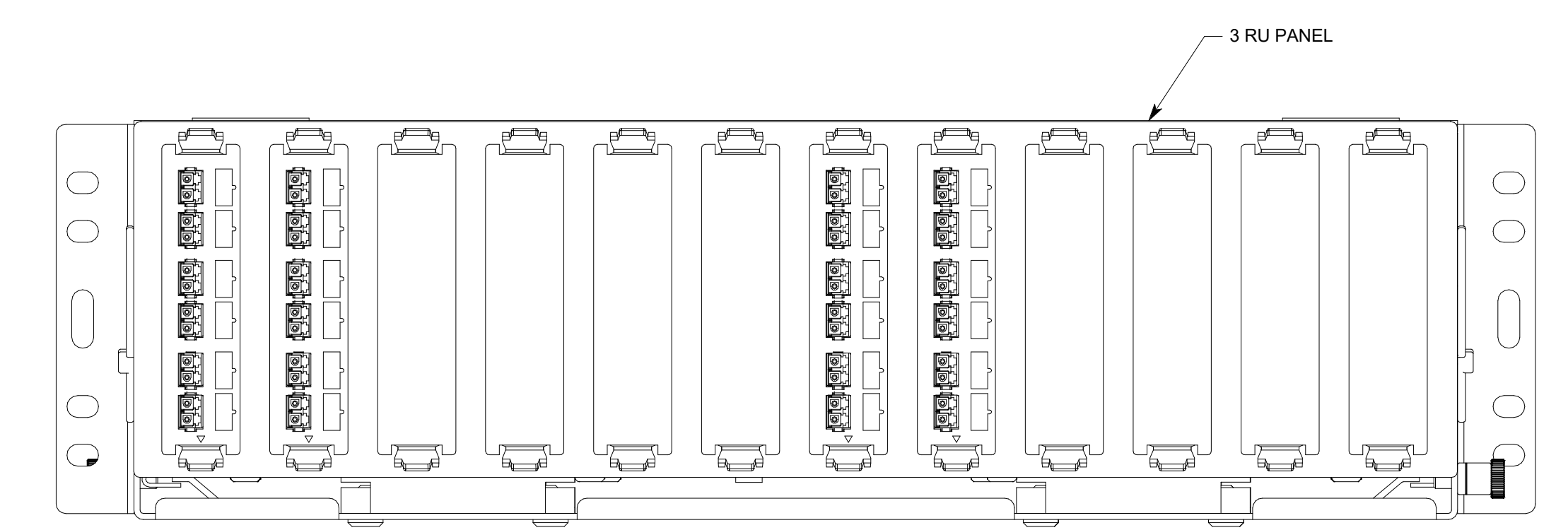
A6 TYPICAL 2-PORT DATA OUTLET
NO SCALE

REV	DATE	DESCRIPTION

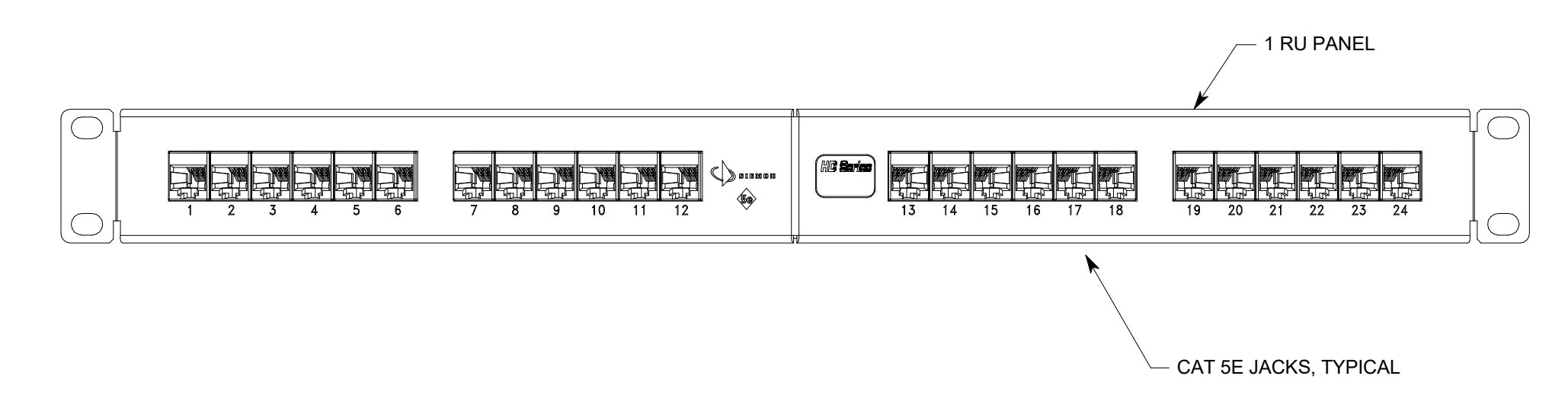
VCBO NUMBER: 19140
CLIENT NUMBER: 00000
DATE: NOVEMBER 25, 2019



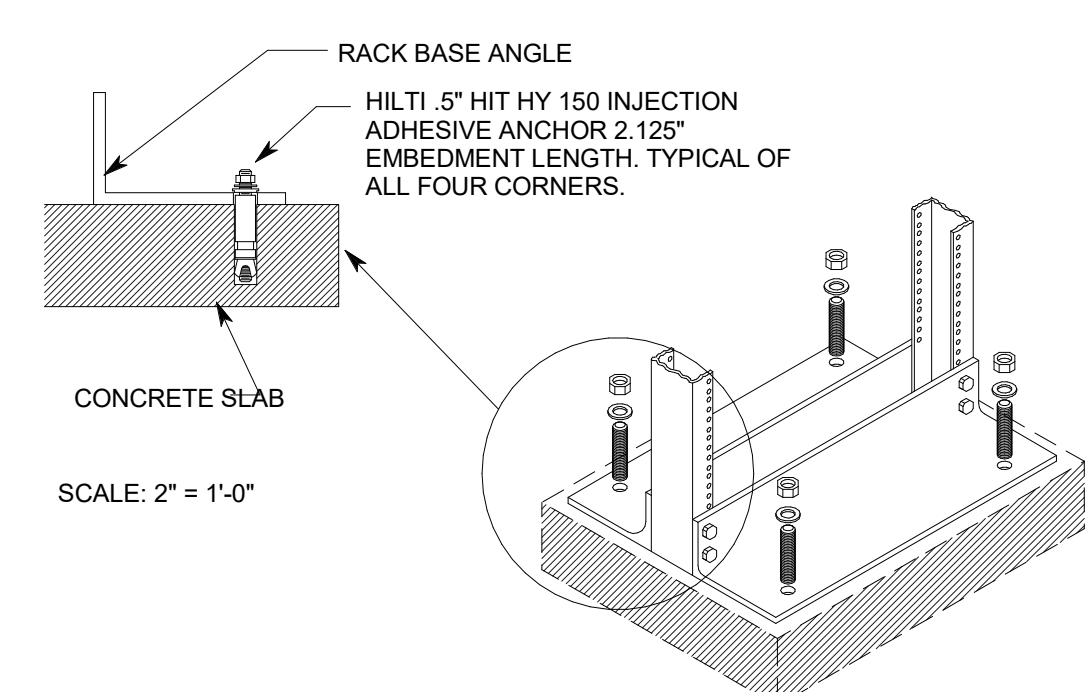
E5 STATION PATCH PANEL, (SPP1), TDR
NO SCALE



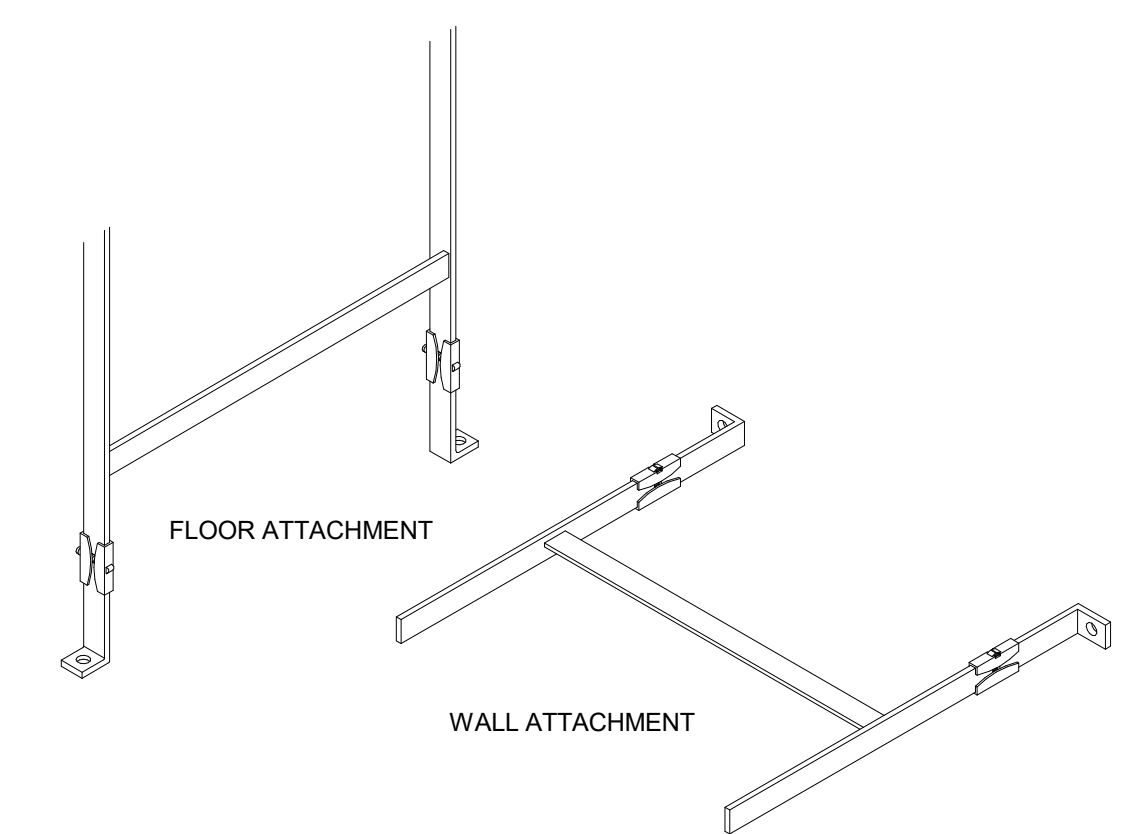
D5 FIBER PATCH PANEL, (FPP1), TDR
NO SCALE



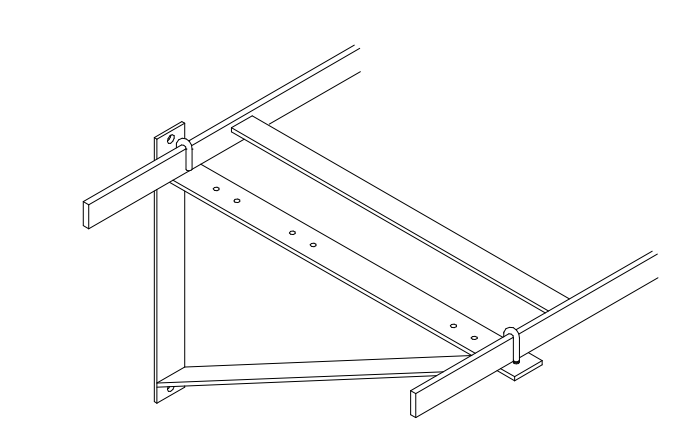
C5 RISER PATCH PANEL, (RPP1), TDR, TEC/TSER
NO SCALE



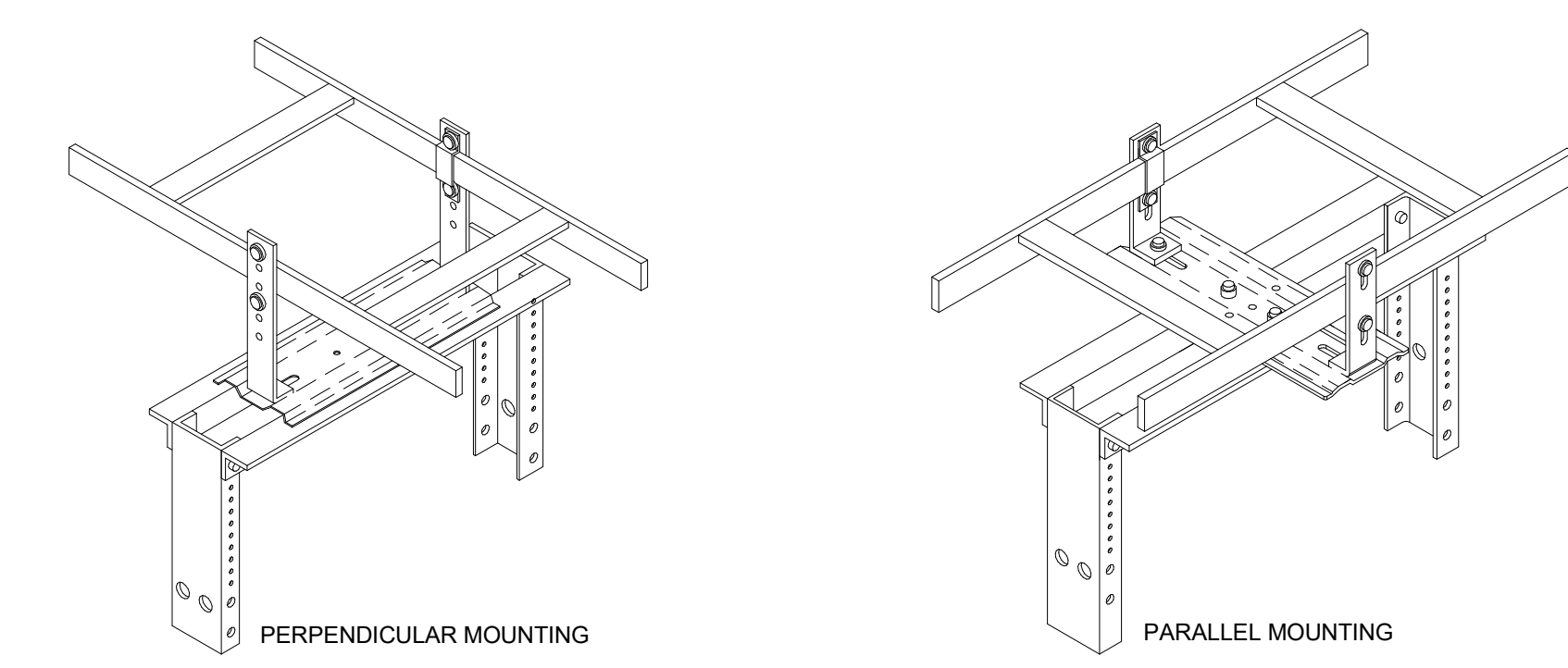
D4 EQUIPMENT RACK/
ENCLOSED CABINET
ANCHORAGE DETAIL
NO SCALE



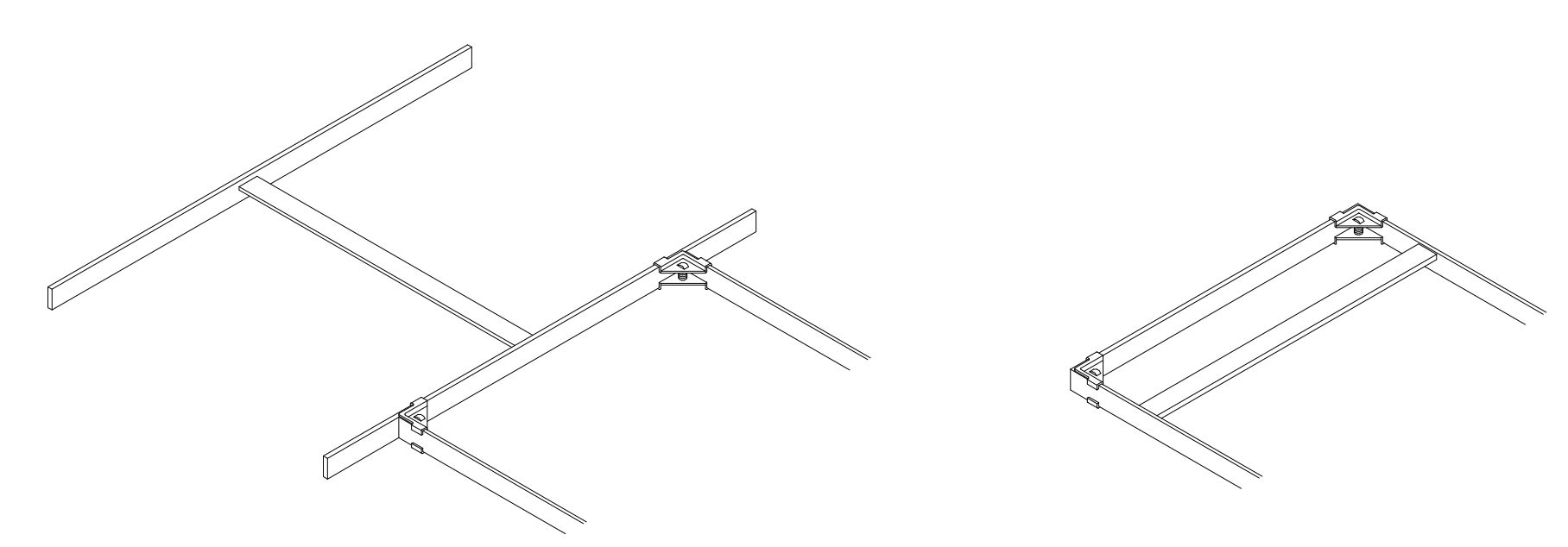
C3 FLOOR/ WALL
ATTACHMENT DETAIL
NO SCALE



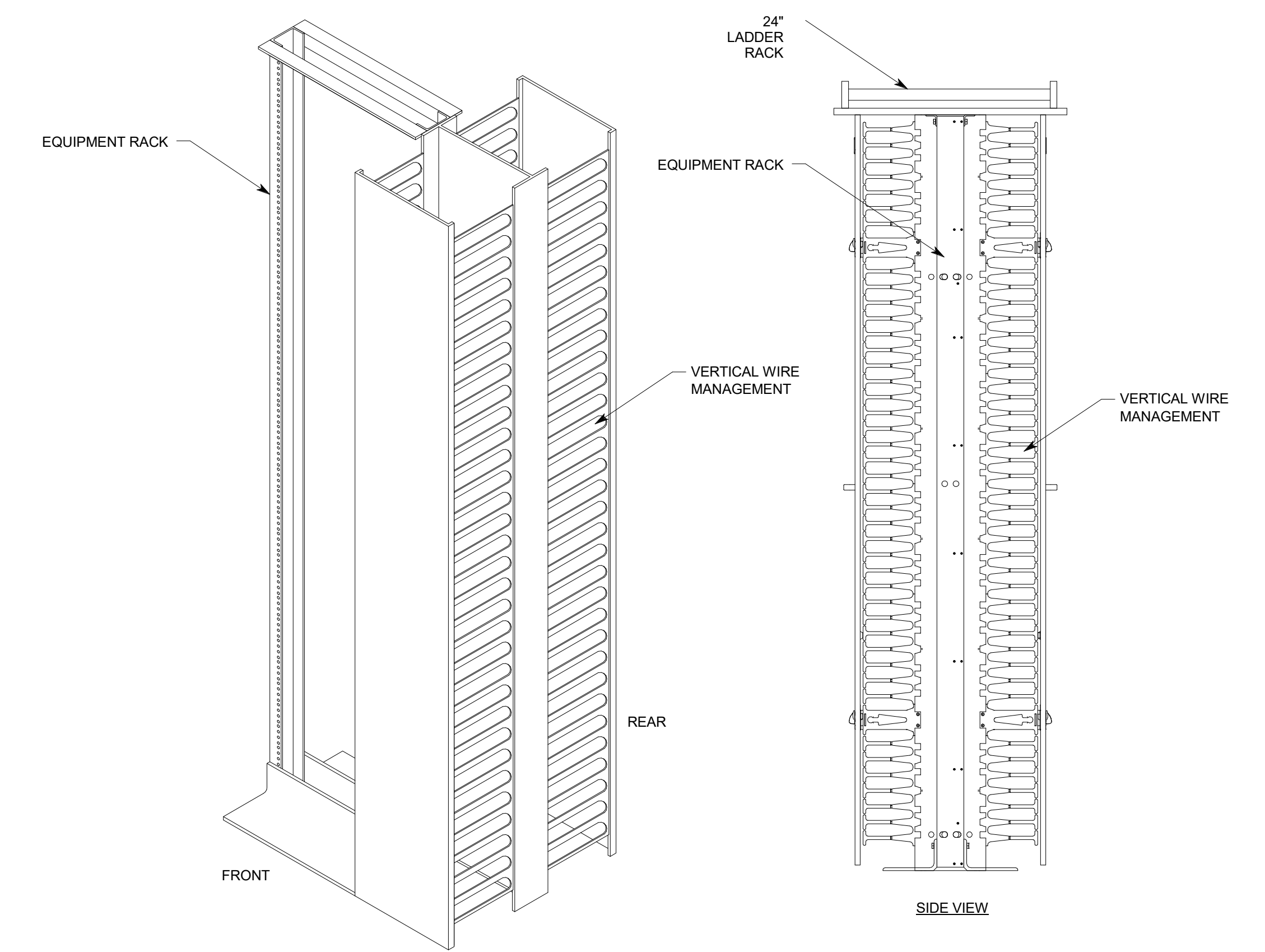
C4 TRIANGLE
BRACKET DETAIL
NO SCALE



B3 6" CHANNEL RACK-TO-RUNWAY MOUNTING PLATE
NO SCALE



A3 CABLE RUNWAY END/ CLOSING SPLICE DETAIL
NO SCALE

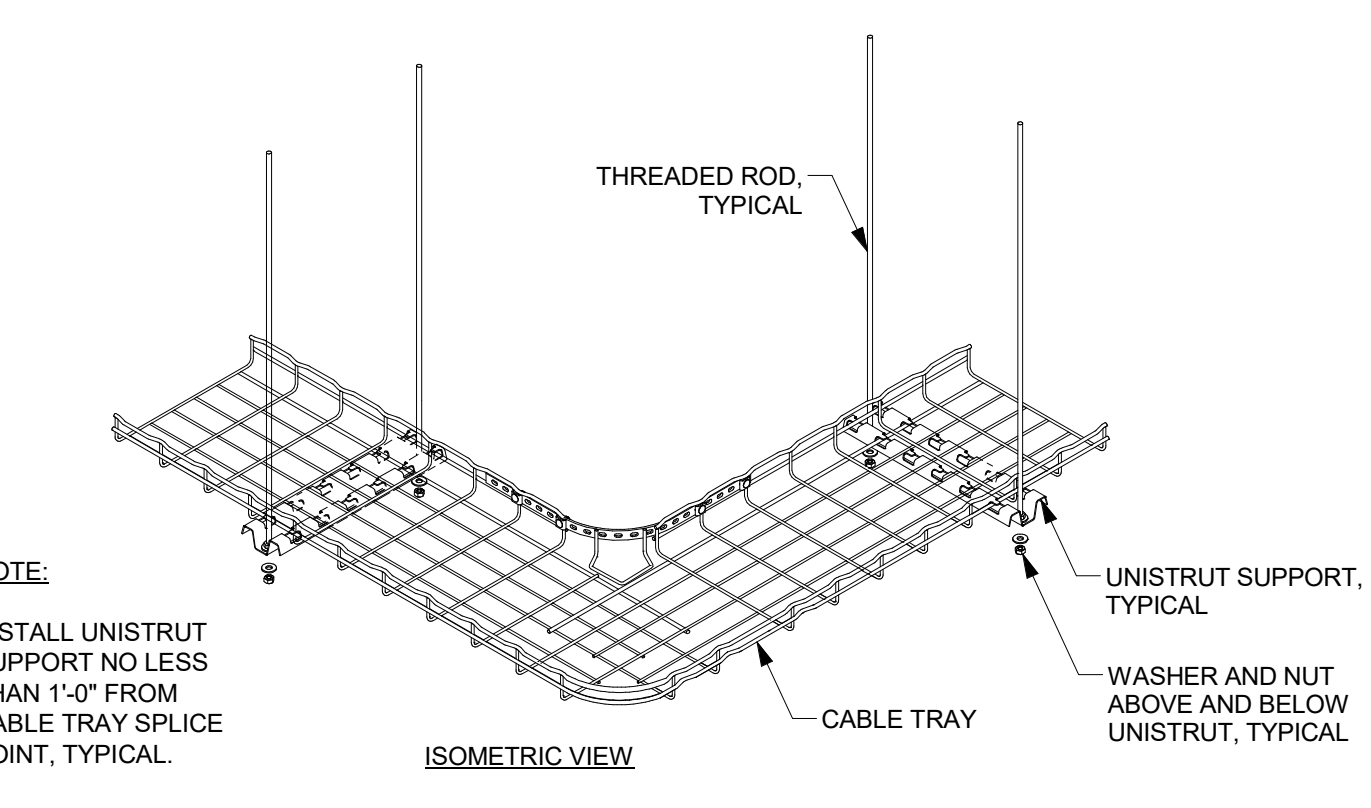


A5 EQUIPMENT RACK/RACEWAY MOUNTING
NO SCALE

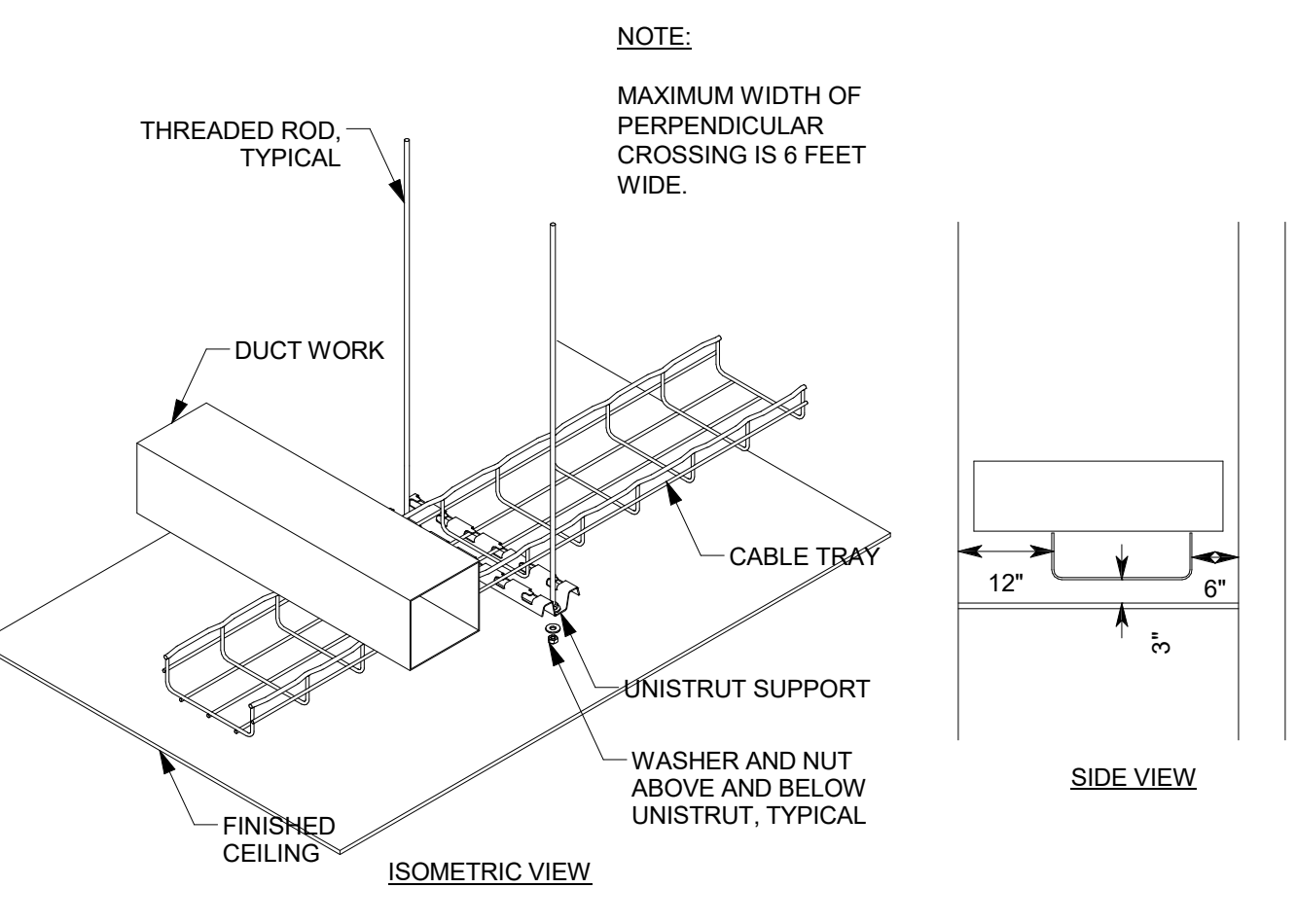
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REV	DATE	DESCRIPTION

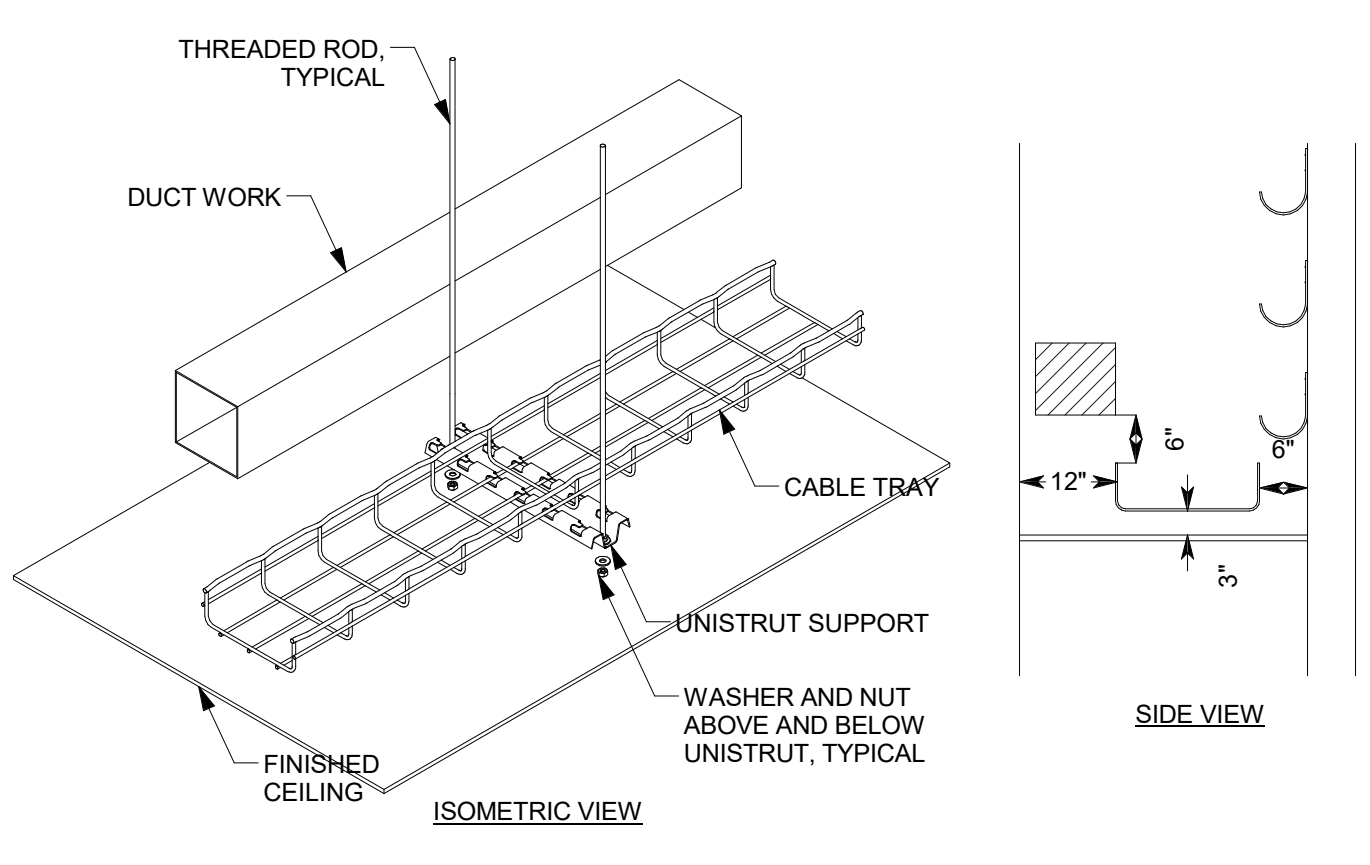
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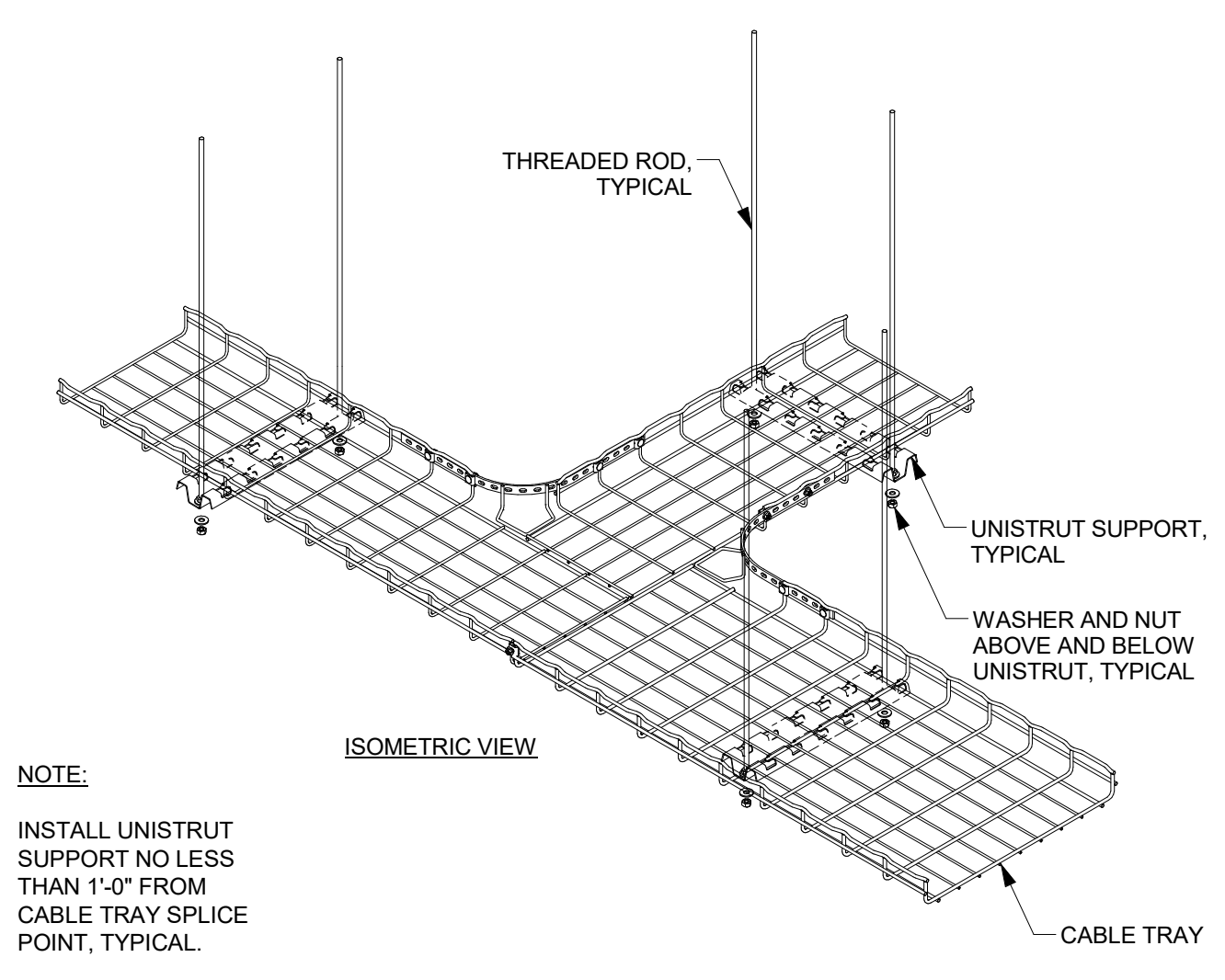
E5
CABLE TRAY 90 DEGREE BEND WITH SUPPORTS
NO SCALE



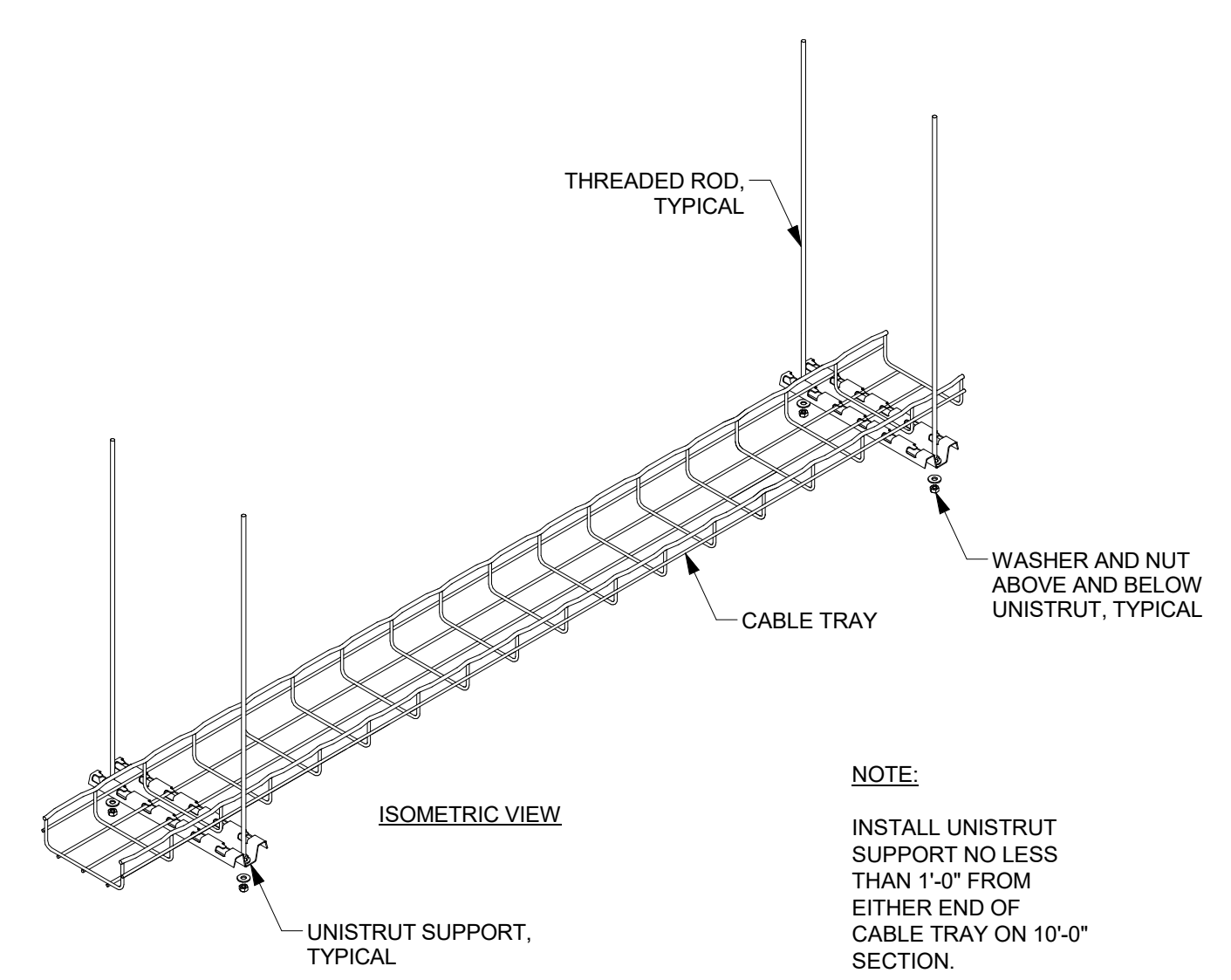
C5
TYPICAL CABLE TRAY WITH PERPENDICULAR CROSSING
NO SCALE



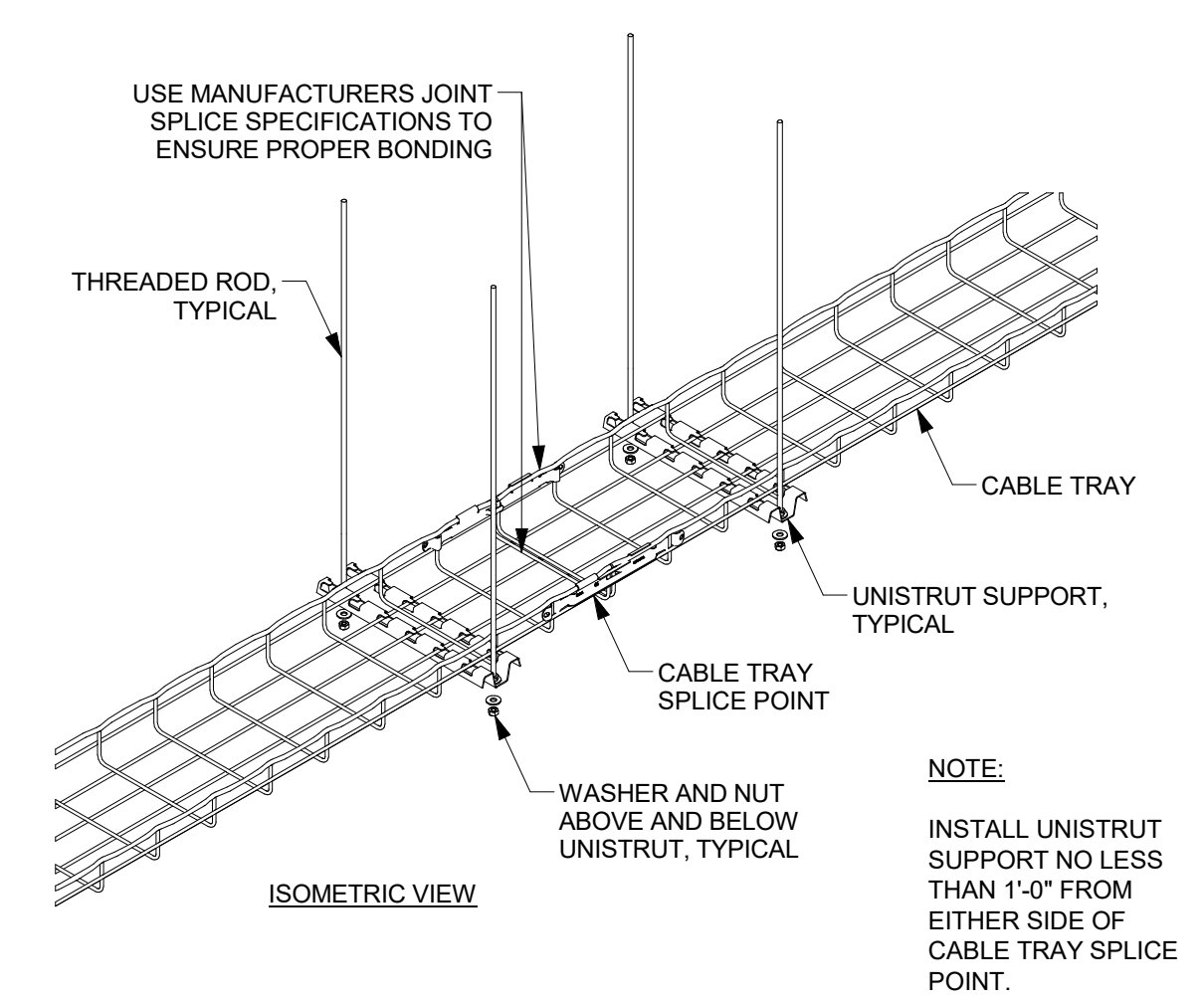
C3
TYPICAL CABLE TRAY WITH PARALLEL OBSTRUCTION
NO SCALE



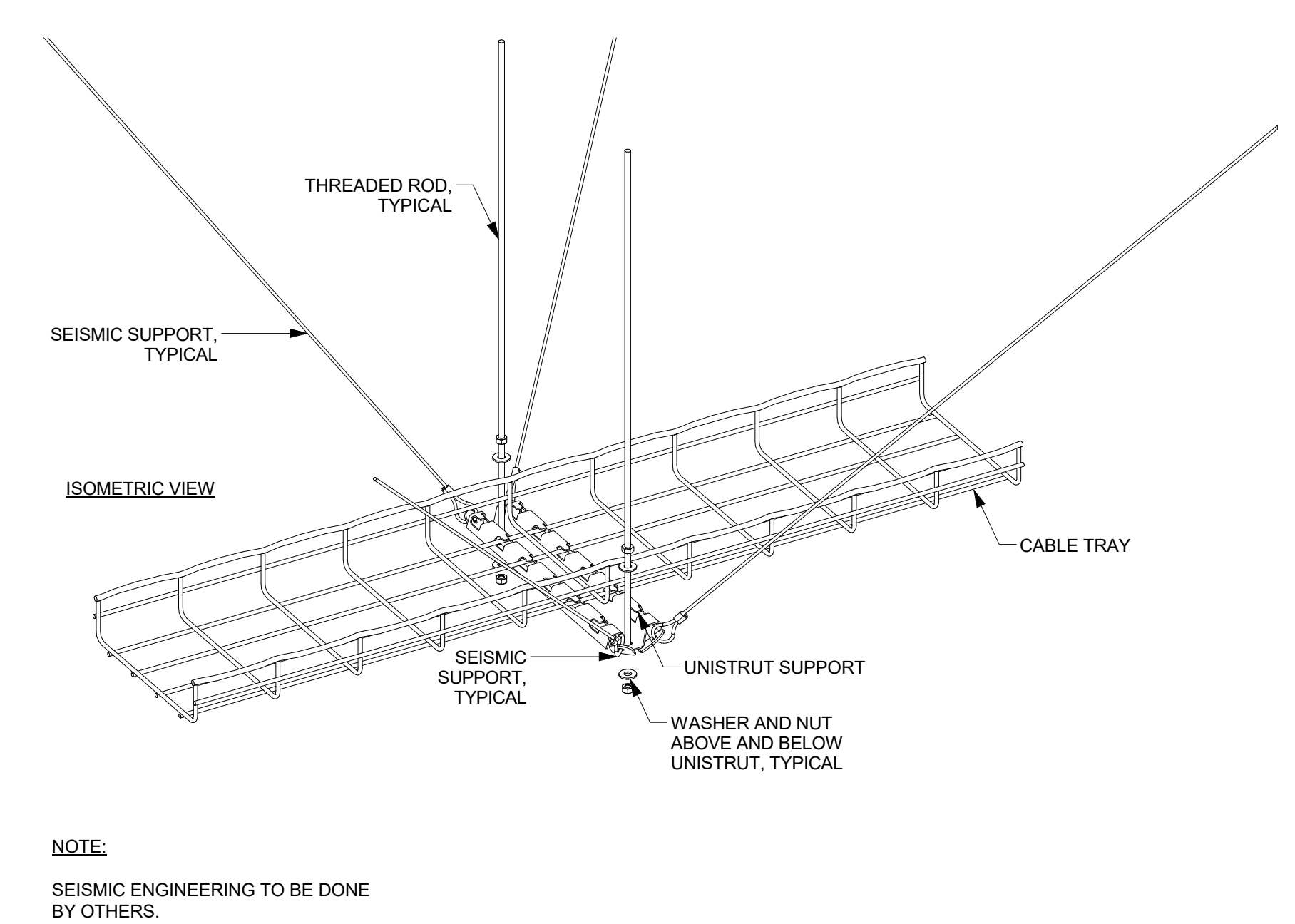
C1
CABLE TRAY INTERSECTION WITH SUPPORTS
NO SCALE



A5
10' CABLE TRAY WITH SUPPORT AT ENDS
NO SCALE



A3
CABLE TRAY WITH SUPPORT AT SPLICE POINT
NO SCALE



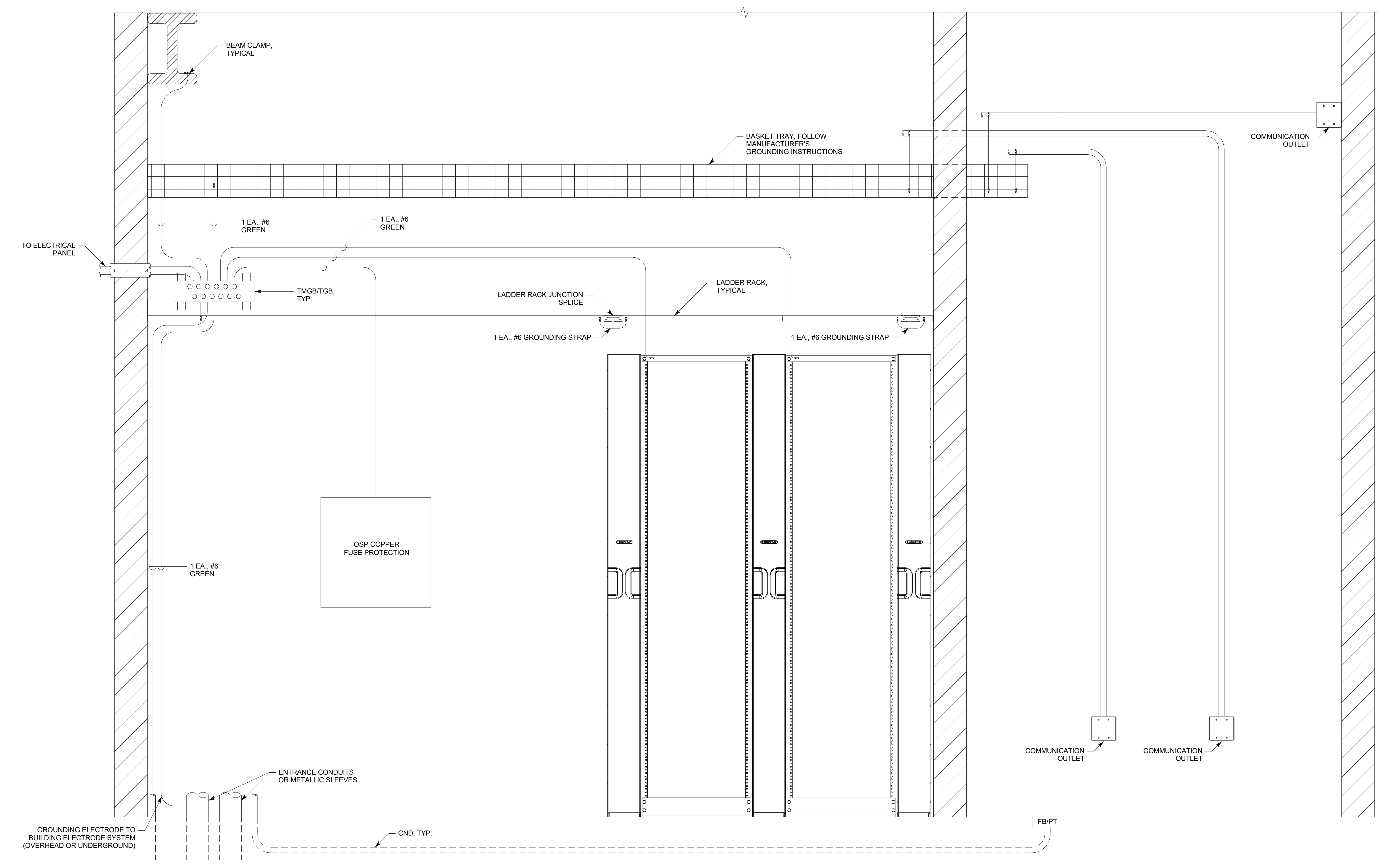
A1
CABLE TRAY WITH SEISMIC SUPPORTS
NO SCALE

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REV	DATE	DESCRIPTION

VCBO NUMBER: 19140
CLIENT NUMBER: 00000
DATE: NOVEMBER 25, 2019

- GENERAL NOTES:**
- ALL LOW VOLTAGE COMMUNICATIONS CONDUIT SHALL BE GROUNDED TO BASKET TRAY OR TELECOMMUNICATIONS GROUNDING BUS BAR.
 - "TMGB" SHOULD BE 1/4"x4"x24".
 - "TGB" SHOULD BE 1/4"x2"x24".
 - EMT CONDUIT GROUNDING CLAMP SHOULD BE ELECTROLYTIC CAST BRONZE. PANDUIT PART NUMBER GPL-"X"-X", OR EQUAL.
 - RIGID CONDUIT GROUND CLAMP SHOULD BE O-Z/GEDNEY BLG-XXXX, OR HBLG-XXXX, OR EQUAL.
 - GROUNDING LUGS SHOULD BE TWO HOLE LONG BARREL LUGS. PANDUIT PART NUMBER LCC6, OR EQUAL.



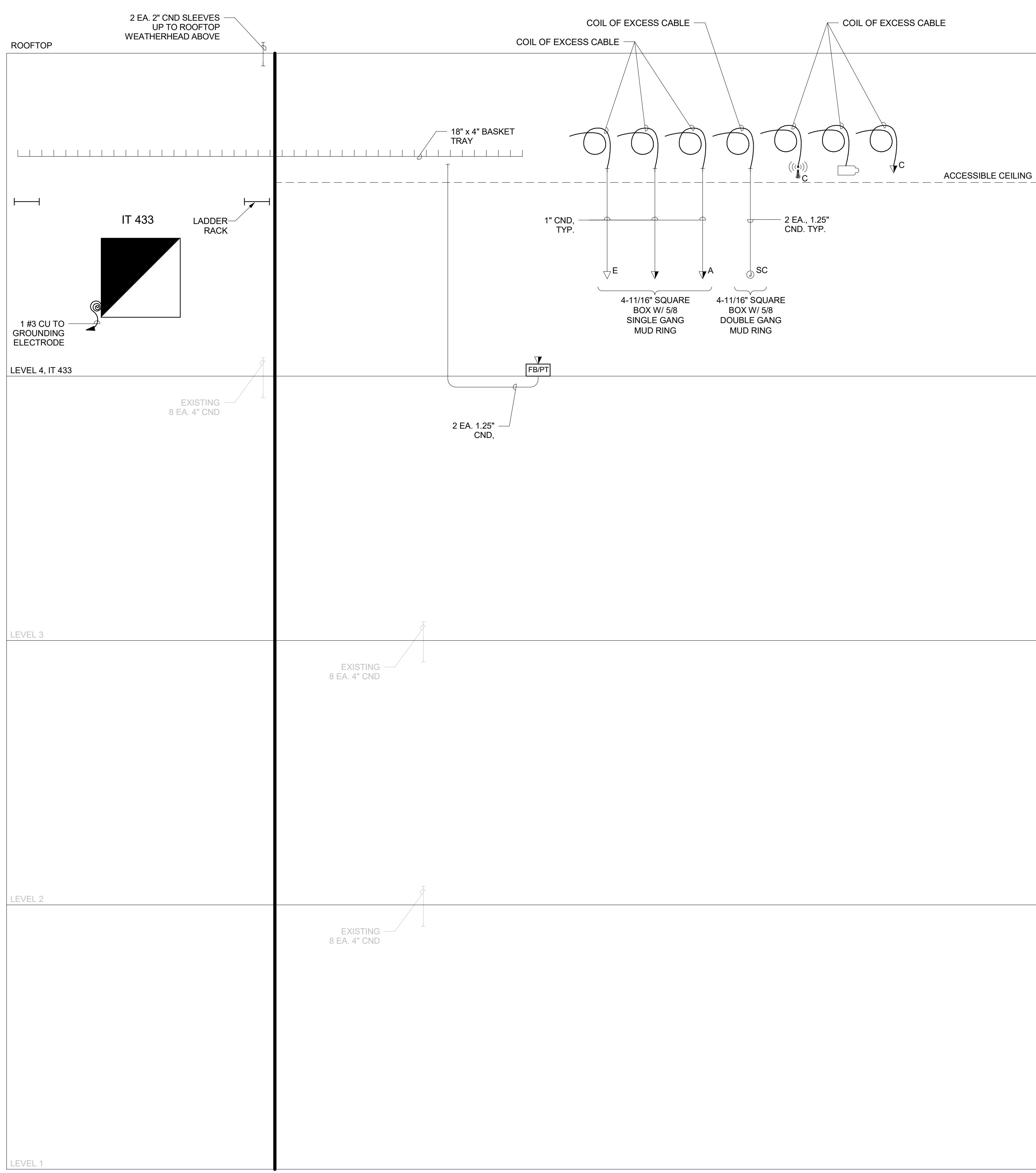
A2 TELECOM EQUIPMENT RACK GROUNDING DETAIL
NO SCALE

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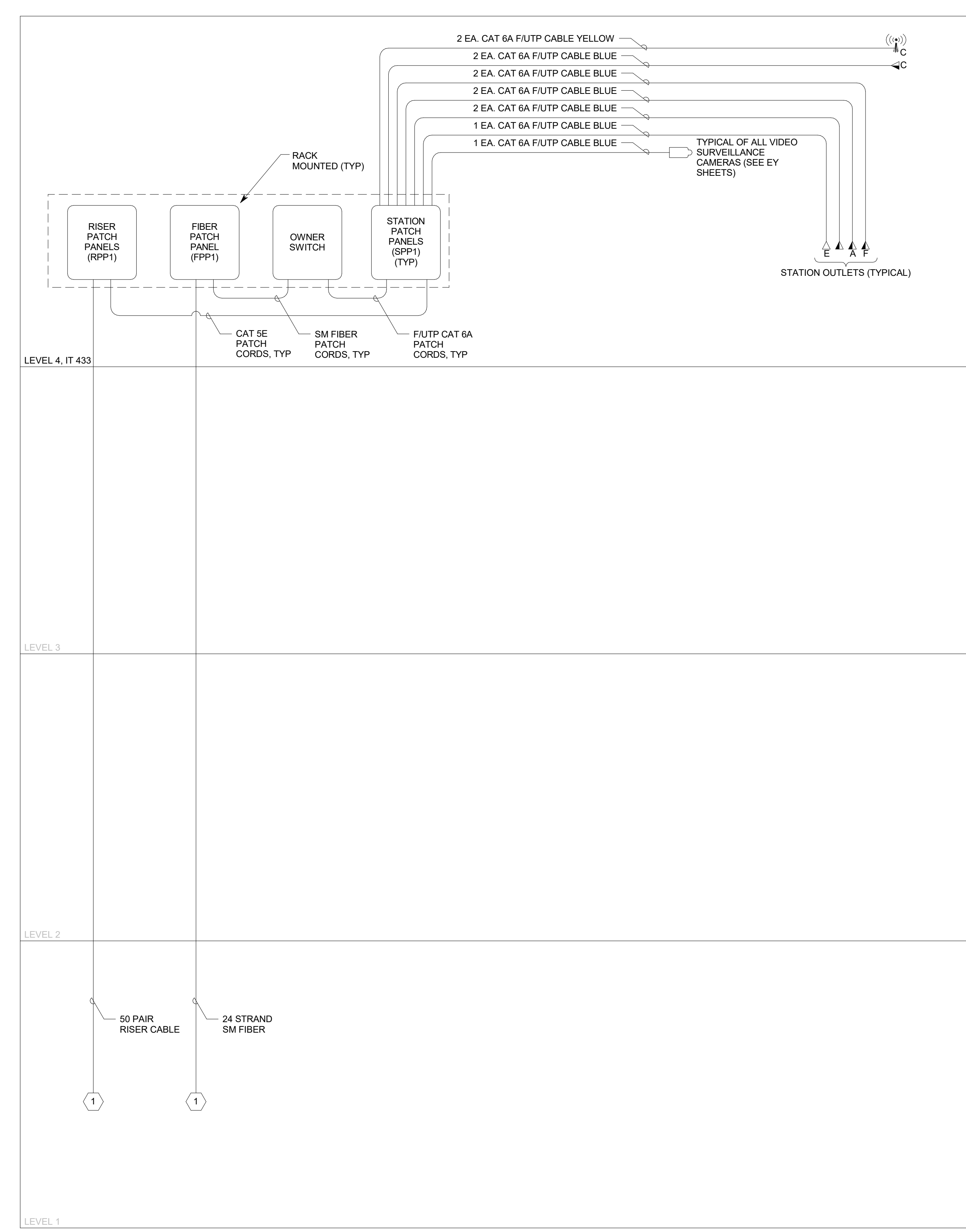
1. COPPER AND FIBER BACKBONE CABLE TO BE TERMINATED ON WALL. COORDINATE SPACE AND LOCATION IN ROOM ON LEVEL 1.

REV	DATE	DESCRIPTION
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VCBO NUMBER: 19140
CLIENT NUMBER: 00000
DATE: NOVEMBER 25, 2019



A1 TELECOM CONDUIT RISER DIAGRAM
NO SCALE



A4 TELECOM CABLE RISER DIAGRAM
NO SCALE

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SECURITY SHEET INDEX

EY001	SECURITY COVER SHEET
EY104	LEVEL 04 - AUXILIARY PLAN
EY601	AUXILIARY RISER DIAGRAMS

EQUIPMENT/CABLE LIST

THE ITEMS INDICATED BELOW SHALL NOT BE CONSTRUED AS A "BILL OF MATERIALS." THIS LIST IDENTIFIES ITEMS OF SIGNIFICANCE USED DURING THE DESIGN OF THE CABLING INSTALLATION. WHERE THE ITEMS INDICATED ARE ONE PORTION OF AN ASSEMBLY, THE ENTIRE ASSEMBLY SHALL BE PROVIDED UNLESS SPECIFIED OTHERWISE. PROVIDE ALL MISCELLANEOUS HARDWARE AND SUPPORTS WHICH MAY NOT BE LISTED HERE, FOR A COMPLETE INSTALLATION. COMPARE CATALOG NUMBERS WITH DESCRIPTIONS AND NOTIFY ENGINEER OF DISCREPANCIES PRIOR TO BID. IF CATALOG NUMBERS DO NOT MATCH DESCRIPTIONS, THE DESCRIPTIONS TAKE PRECEDENCE. PROVIDE COMPLETE SUBMITTAL FOR APPROVAL PRIOR TO PURCHASING ANY EQUIPMENT OR CABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

SYMBOL	ITEM DESCRIPTION	ACCEPTABLE TYPES
[#X] >	DATA OUTLET, SURFACE MOUNT BOX, WHITE, 2 POSITION	COMMSCOPE, PANDUIT, LEVITON, BELDEN
	DATA JACK CAT 6A, BLACK - x2	COMMSCOPE, PANDUIT, LEVITON, BELDEN
	DATA OUTLET	COMMSCOPE, PANDUIT, LEVITON, BELDEN
	DATA JACK CAT 6A, YELLOW	COMMSCOPE, PANDUIT, LEVITON, BELDEN
	DATA OUTLET	COMMSCOPE, PANDUIT, LEVITON, BELDEN
	DATA JACK CAT 6A, YELLOW	COMMSCOPE, PANDUIT, LEVITON, BELDEN

GENERAL PROJECT NOTES

- UNLESS OTHERWISE NOTED, INSTALL ALL CABLE INSIDE RACEWAY SYSTEMS. WHERE RACEWAY SYSTEMS HAVE NOT BEEN PROVIDED OR SPECIFIED, INSTALL CABLE THROUGH THE SPECIFIED "CADDY" CLIPS AT THE MINIMUM INTERVALS IDENTIFIED IN THE SPECIFICATIONS. SUPPORT "CADDY" CLIPS DIRECTLY FROM THE BUILDING STRUCTURE, NOT FROM OTHER BUILDING SYSTEM SUPPORT WIRES OR CABLE.
- PROVIDE PLENUM RATED CABLE FOR ALL SPECIFIED CABLE.
- LABEL ALL CABLE INSTALLED UNDER THIS CONTRACT REGARDLESS OF LENGTH, ACCORDING TO WRITTEN SPECIFICATION.
- THE EQUIPMENT LABELING IDENTIFIED ON DETAILS IN THESE DRAWINGS ARE EXAMPLES ONLY OF THE ACTUAL LABELING WHICH IS REQUIRED AS PART OF THIS CONTRACT. PRIOR TO FABRICATION, SUBMIT THE NOMENCLATURE FOR ALL LABELS TO THE OWNER FOR REVIEW. THIS REQUIREMENT INCLUDES BUT IS NOT LIMITED TO ALL CABLE LABELING, AND ALL EQUIPMENT LABELING.
- GROUND ALL EQUIPMENT RACKS LADDER RACK, AND EQUIPMENT INSTALLED UNDER THIS CONTRACT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS AND WRITTEN SPECIFICATION.
- PROVIDE THE QUANTITY OF PATCH PANELS REQUIRED +20% FOR THE TOTAL CABLES SHOWN ON FLOOR PLANS FOR THE PARTICULAR LEVEL.
- COORDINATE WITH OWNER I.T. PERSONNEL ON RACK PATCH PANEL DENSITY PRIOR TO ANY CABLE TERMINATION.
- FOR EVERY CABLE PULL SPECIFIED, COIL 10' OF EXCESS CABLE AT THE STATION END FOR FUTURE USE. NEATLY COIL AND SECURITY CABLE ABOVE CEILING OR BELOW THE FLOOR, WHERE APPLICABLE.
- COORDINATE WITH ALL SUBS TO ENSURE THAT ALL CABLE SHALL BE PROTECTED FROM ANY DIRECT PAINT OR INCIDENTAL OVERSPRAY.
- FACEPLATE COLOR WILL BE DETERMINED BY THE ARCHITECT AND OWNER. FACEPLATE COLOR SHOULD MATCH ELECTRICAL FACEPLATE COLOR, UNLESS OTHERWISE NOTED.

ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

A	- AUGMENTED
CAT	- CATEGORY
E	- ENHANCED
EA	- EACH
ER	- EQUIPMENT ROOM
FRP	- FIBER PATCH PANEL
GIG	- GIGA HERTZ
HWM	- HORIZONTAL WIRE MANAGEMENT
NIC	- NOT IN CONTRACT
OE	- OWNER ELECTRONICS
PNM	- PLENUM
PR	- PAIR
PS	- POWER SUPPLY
RPP	- RISER PATCH PANEL
SPP	- TYPE S PATCH PANEL
TR	- TELECOMMUNICATIONS ROOM
TYP	- TYPICAL
VWM	- VERTICLE WIRE MANAGEMENT

DEFINITIONS

NOTE: ALL DEFINITIONS MAY NOT BE USED.

INDICATED: THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED", AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE. NO LIMITATION ON LOCATION IS INTENDED.

DIRECTED: TERMS SUCH AS "DIRECTED", "REQUESTED", "AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.

APPROVE: THE TERM "APPROVED", WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.

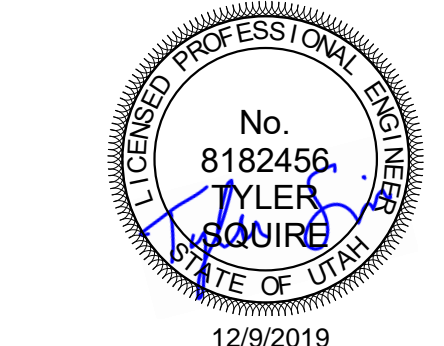
FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."

INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."

PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."

INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.

ELECTRONIC SYSTEMS: THE TERM "ELECTRONIC SYSTEMS" IS USED TO DESCRIBE ALL LOW VOLTAGE SYSTEMS GENERALLY REFERRED TO AS "SPECIAL SYSTEMS". THESE SYSTEMS INCLUDE BUT ARE NOT NECESSARILY LIMITED TO ALL SYSTEMS WHICH UTILIZE VOLTAGES OF LESS THAN 71 VOLTS SUCH AS SOUND SYSTEMS, VIDEO SYSTEMS, TV SYSTEMS, SECURITY SYSTEMS, VOICE AND DATA CABLING SYSTEMS, ETC...



REV	DATE	DESCRIPTION

VCBO NUMBER:	19140
CLIENT NUMBER:	00000
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INTERMOUNTAIN ~ SHC 4TH FLOOR REMODEL
 INTERMOUNTAIN HEALTH CARE
 383 WEST VINE STREET MURRAY, UT 84123
 CONSTRUCTION DOCUMENTS

SECURITY COVER SHEET

EY001

SHEET KEYNOTES

GENERAL SHEET NOTES



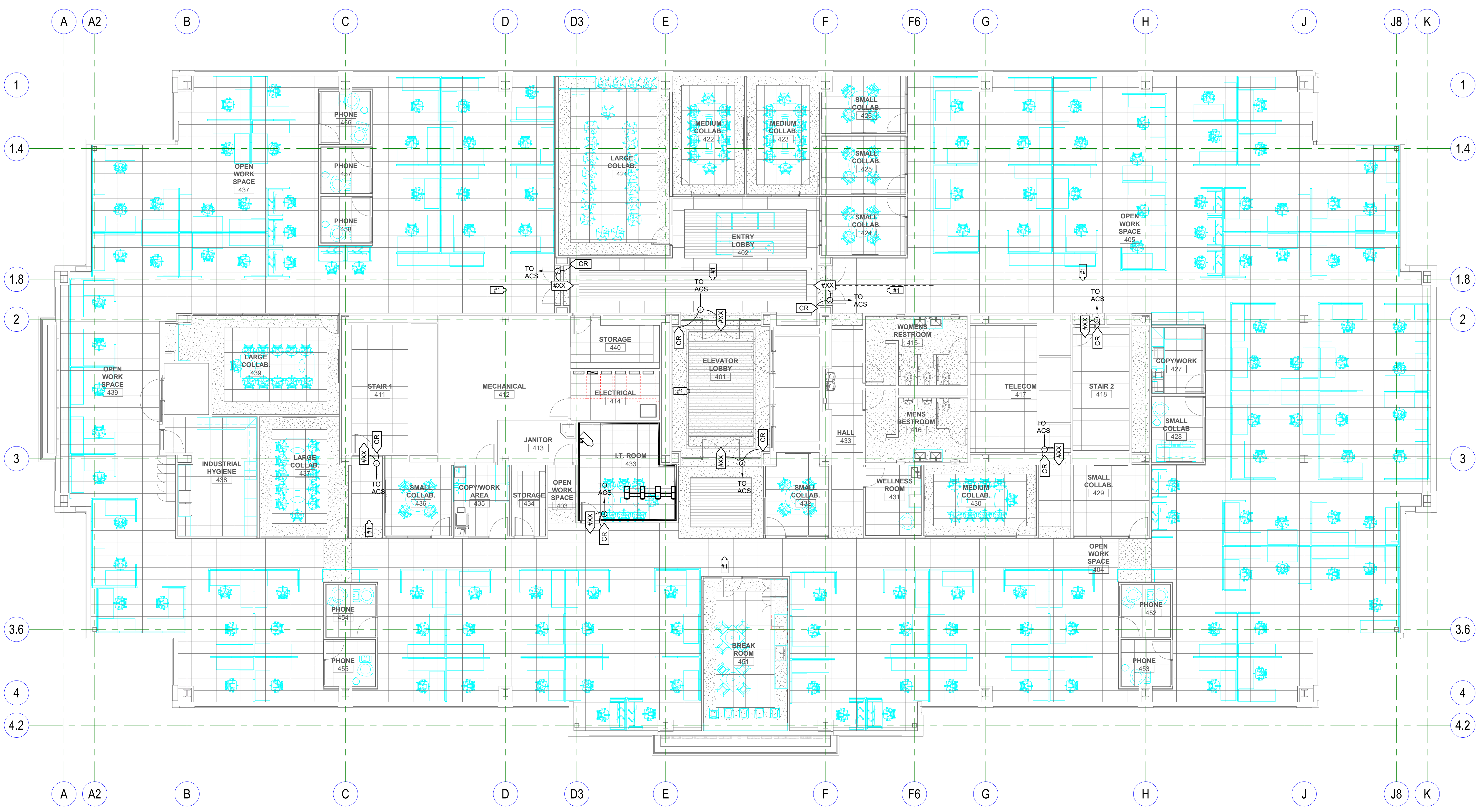
SPECTRUM ENGINEERS
324 S. State St., Suite 400
Salt Lake City, UT 84111
801-478-7077
801-328-6151
fax: 801-328-5155
www.spectrum-engineers.com

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INTERMOUNTAIN HEALTH CARE
383 WEST VINE STREET MURRAY, UT 84123
CONSTRUCTION DOCUMENTS

LEVEL 04 - AUXILIARY PLAN



1 LEVEL 04 - AUXILIARY PLAN
SCALE: 1/8" = 1'-0"

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NOTES

- PROVIDE RACEWAY AND EQUIPMENT AS INDICATED FOR CARD ACCESS DOOR TYPE INDICATED. REFER TO SECTION 281300 AND CARD ACCESS LOCK CONTROL DETAILS FOR ADDITIONAL REQUIREMENTS.
- PROVIDE CONCEALED .75" C TYPICAL FOR LINES SHOWN TO DEVICE BOXES ON PROTECTED SIDE AND UNPROTECTED SIDE ELEVATIONS.
- CONFIRM CORRECT CARD ACCESS DOOR RACEWAY, LOCK VOLTAGE, AND EXIT SWITCH CURRENT RATING (2 AMPS MIN.) WITH DIV. 8 FURNISHED CARD ACCESS DOOR HARDWARE PER DIV. 8 DOOR HARDWARE SPECIFICATIONS.
- LOCATE CARD READER BOX AS INDICATED ON FLOOR PLANS. RACEWAY AND BOXES BY DIV. 26. REFER TO 281300 FOR CARD ACCESS SYSTEM REQUIREMENTS.
- DOUBLE 4SQ J-BOX ON PROTECTED SIDE OF DOORWAY (SIDE OPPOSITE OF CARD READER) ABOVE ACCESSIBLE CEILING OR IN OTHER ACCESSIBLE LOCATION. PROVIDE COVER FOR J-BOX.
- ELECTRIC LOCKING HARDWARE (MAG LOCKS, ELECTRIC STRIKES, POWER TRANSFER HINGES, ETC.) BY DIV. 8. REVIEW DOOR HARDWARE FURNISHED AND VERIFY LOCK VOLTAGES AND OPERATIONAL FUNCTIONALITY OF LOCKS. CONTACT ENGINEER WITH QUESTIONS OR CONCERNS.

ABBREVIATIONS

DBL	=	DOUBLE
DIR	=	DIRECTION
HDWR	=	HARDWARE
C	=	CONDUIT
4SQ	=	FOUR SQUARE
W/	=	WITH
1G	=	1 GANG
PWR	=	POWER
ACC	=	ACCESSIBLE
OCC	=	OCCUPANCY
TYP	=	TYPICAL
LIPS	=	LOCK POWER SUPPLY
CR	=	CARD READER
CI	=	DOOR CONTACT INDICATOR
EPT	=	ELECTRIC POWER TRANSFER
ES	=	ELECTRIC STRIKE
ED	=	EXIT DEVICE
ML	=	ELECTROMAGNETIC LOCK
KS	=	KEY SWITCH
ACS	=	ACCESS CONTROL SYSTEM
EL	=	ELECTRIC LOCKSET
MD	=	MOTION DETECTOR
TLC	=	TIME/SYSTEM LOCK CONTROL
ELC	=	EMERGENCY LOCK CONTROL
IDS	=	INTRUSION DETECTION SYSTEM
ADA	=	AUTO DOOR OPENER
REX	=	REQUEST TO EXIT
FA	=	FIRE ALARM SYSTEM
OPF	=	OBTAIN FROM PLANS
A/R	=	AS REQUIRED
EED	=	ELECTRIC EXIT DEVICE (SEE SECTION 87100)
AEL	=	ACCESS ELECTRIC LOCKSET (SEE SECTION 87100)
FH	=	FRAME HARNESS
DH	=	DOOR HARNESS
EH	=	ELECTRIC HINGE
LA	=	ELECTROLYNX ADAPTOR
CNT	=	CONTROLLER
HO	=	ELECTROMAGNETIC HOLDER
PTE	=	PUSH TO EXIT BUTTON (MAGLOCK)
RTO	=	REQUEST TO OPEN

TYPE	INTERIOR (INT)/ EXTERIOR (EXT)	DESCRIPTION	AXIS MODEL #
1	INT	FIXED DOME, VARIOFOCAL, CEILING MOUNT	P3374

CARD ACCESS DOOR TYPE SCHEDULE

DOOR TYPE #	SYMBOL	DESCRIPTION	PROTECTED SIDE ELEVATION	UNPROTECTED SIDE ELEVATION	LOCK TYPE(S)	DIVISION OF WORK AND COMMENTS
TYPE 1		SINGLE DOOR, 1 CARD READER (FREE EGRESS)			ELECTRIC STRIKE W/ LOCKSET	SECURITY CONTRACTOR PROVIDES: • CR, LIPS, CI, MD HARDWARE CONTRACTOR PROVIDES: • ES LOCK CONTROLLED BY: • CR
		HARDWARE SET: 05				
TYPE 2		SINGLE DOOR, 1 CARD READER (FREE EGRESS)			ELECTRIC EXIT DEVICE	SECURITY CONTRACTOR PROVIDES: • CR, LIPS, CI HARDWARE CONTRACTOR PROVIDES: • EED, EPT LOCK CONTROLLED BY: • CR, FA
		HARDWARE SET: TI-1, TI-6				
TYPE 3		SINGLE DOOR, 1 CARD READER W/ AUTO OPENER			ELECTRIC STRIKE WITH EXIT DEVICE	SECURITY CONTRACTOR PROVIDES: • CR, LIPS, CI HARDWARE CONTRACTOR PROVIDES: • FH, EL LOCK CONTROLLED BY: • CR
		HARDWARE SET: TI-4				
TYPE 4		DOUBLE DOOR, 1 CARD READER W/ AUTO OPENER			ELECTRIC EXIT DEVICE	SECURITY CONTRACTOR PROVIDES: • CR, LIPS, CI HARDWARE CONTRACTOR PROVIDES: • EED, EPT LOCK CONTROLLED BY: • CR, ADA, RTO, TLC
		HARDWARE SET: TI-3, TI-7				
TYPE 5		DOUBLE DOOR, 1 CARD READER			ELECTRIC LOCKSET	SECURITY CONTRACTOR PROVIDES: • CR, LIPS, CI HARDWARE CONTRACTOR PROVIDES: • EL, EPT LOCK CONTROLLED BY: • CR
		HARDWARE SET: TI-8				
TYPE 6		SINGLE DOOR, ALARMED (FREE EGRESS)			ELECTRIC EXIT DEVICE	SECURITY CONTRACTOR PROVIDES: • CR, LIPS, CI HARDWARE CONTRACTOR PROVIDES: • EED, EPT LOCK CONTROLLED BY: • FA
		HARDWARE SET: 03				

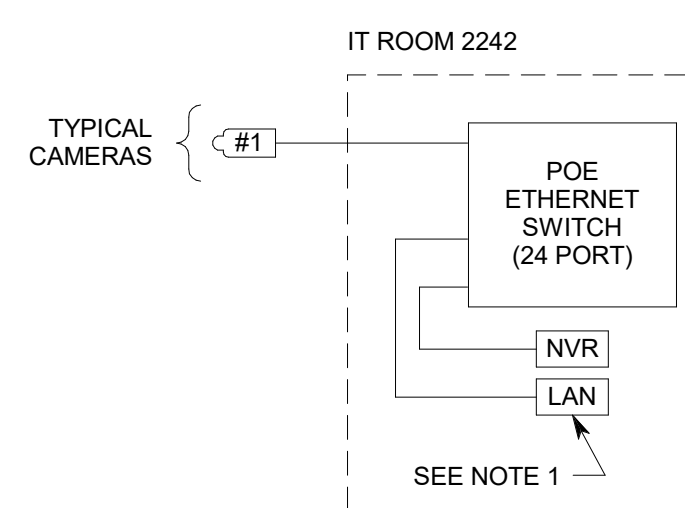
SECURITY EQUIPMENT SCHEDULE

SYMBOL	DESCRIPTION	MOUNTING *	ROUGH-IN	QTY	ACCEPTABLE TYPES
CR	CARD READER	40"	4SQ W/ 1G RING	OFF	SEE SECTION 281300
#1	CARD ACCESS DOOR TYPE, TYPICAL. REFER TO CARD ACCESS DOOR TYPE SCHEDULE.	SEE SCHEDULE	SEE SCHEDULE	OFF	REFER TO CARD ACCESS DOOR TYPE SCHEDULE & SECTION 281300
#1	VSS CAMERA ENCLOSURE TYPE, TYPICAL. REFER TO VSS CAMERA ENCLOSURE TYPE SCHEDULE.	SEE SCHEDULE	SEE SCHEDULE	OFF	SEE VSS CAMERA ENCLOSURE TYPE SCHEDULE
ACS	CARD ACCESS CONTROLLERS & PWR SUPPLIES	72"	4"x4" GUTTER & STUBS A/R	A/R	SEE SECTION 281300

* COORDINATE MOUNTING HEIGHTS WITH ARCHITECTURAL ELEVATIONS BEFORE INSTALLATION.

VSS CAMERA SCHEDULE

TYPE	INTERIOR (INT)/ EXTERIOR (EXT)	DESCRIPTION	AXIS MODEL #
1	INT	FIXED DOME, VARIOFOCAL, CEILING MOUNT	P3374



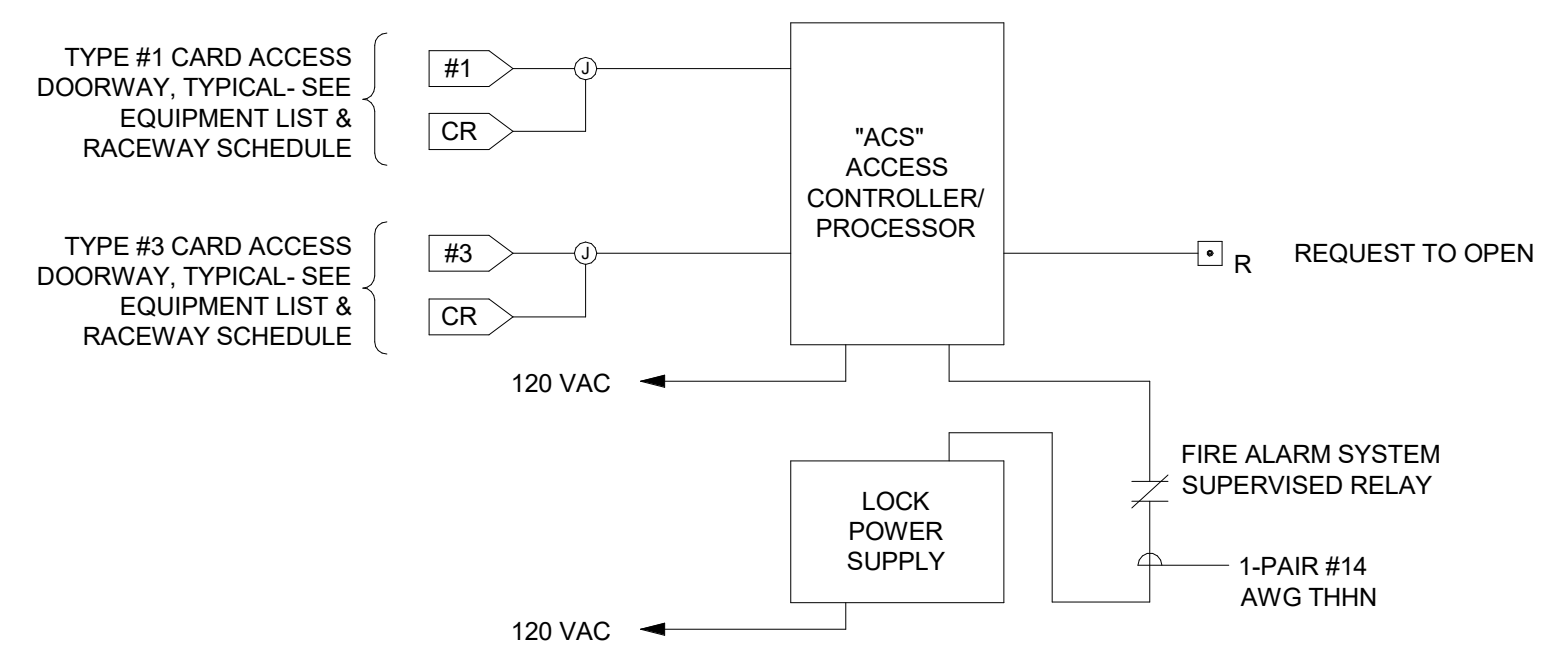
NOTES:

- IP CONNECTION TO BUILDING LAN SHALL BE DETERMINED BY OWNER. (REQUIRED FOR REMOTE VIEWING OF CAMERAS ON OTHER PCS.)

VIDEO SURVEILLANCE SYSTEM (VSS) RISER DIAGRAM

A4

NO SCALE



NOTES:

- ACCESS CONTROL SYSTEM BASED UPON MULTIPLE CARD READERS PER ACCESS CONTROLLER/PROCESSOR. ALTERNATE CONFIGURATIONS ACCEPTABLE PROVIDED CONTRACTOR ALLOWS FOR ANY INCREASED WIRING OR EQUIPMENT AND PROVIDES SUBMITTAL DRAWINGS SHOWING NEW CONFIGURATION.
- ACCESS CONTROLLER "ACS" INDICATED SHALL INCLUDE ANY ISOLATION MODULES, BUFFER MODULES, EXTERNAL POWER SUPPLIES, INPUT/OUTPUT MODULES, OR FORMAT CONVERTER MODULES (NOT SHOWN) REQUIRED TO SUPPORT CARD READER OR KEYPAD TYPES INDICATED, FOR COMPLETE AND FUNCTIONING CARD READER AND DOOR CONTROL.
- PROVIDE SEPARATE WIRE PAIRS FOR REQUEST TO EXIT AND DOOR CONTACT INDICATOR, FROM ACCESS DOOR TO ACCESS CONTROLLER "ACS" PANEL. SINGLE PAIR, FROM ACCESS DOOR TO CONTROLLER PANEL, FOR REQUEST TO EXIT AND DOOR CONTACT INDICATOR, NOT ACCEPTABLE.
- REQUEST TO EXIT AND DOOR CONTACT INDICATOR CIRCUITS SHALL BE SUPERVISED FOR OPEN CIRCUIT OR SHORT CIRCUIT FAULTS BETWEEN THE DEVICE CONTACTS AND ACCESS CONTROLLER.

ACCESS CONTROL SYSTEM (ACS) DIAGRAM

A5

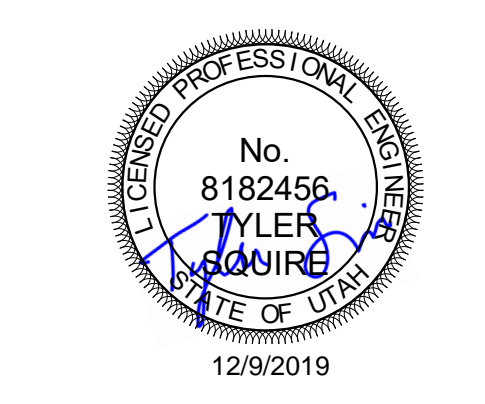
NO SCALE

SHEET KEYNOTES

1. INSTALL "CP1" JUNCTION BOX DIRECTLY BELOW MONITOR AT ELECTRICAL OUTLET HEIGHT.
2. INSTALL BUTTON CONTROL PANEL JUNCTION BOX IN SAME STUD CAVITY AND DIRECTLY ABOVE LIGHT SWITCH.
3. AV CONNECTION PANEL TO BE INSTALLED IN TABLE TECHNOLOGY WELL BY AV INSTALLER.
4. WEBCAM TO BE MOUNTED BELOW MONITOR BY AV INSTALLER.
5. MASKING ELECTRONICS TO BE INSTALLED IN DATA RACK. COORDINATE WITH DATA INSTALLER.

GENERAL SHEET NOTES

1. COORDINATE EXACT LOCATION OF ALL POKE-THRU'S WITH ARCHITECT PRIOR TO INSTALLATION.
2. COORDINATE EXACT JUNCTION BOX LOCATIONS SO THAT THEY ARE EASILY ACCESSIBLE AND ARE NOT BEHIND DOORS, FURNITURE, LOWERED PROJECTION SCREENS, MONITORS, ETC.
3. ELECTRICAL INSTALLER TO ENSURE ALL WALL MOUNTED ELECTRICAL DEVICES (AV JUNCTION BOXES, DATA JACKS, ETC.) ARE PLUMB, LEVEL, AND VERTICALLY ALIGNED WHERE APPLICABLE.
4. REFER TO THE TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL ON SHEET EE702 FOR ADDITIONAL REQUIREMENTS REGARDING DEVICE LOCATIONS.



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REV	DATE	DESCRIPTION

VCBO NUMBER: 19140
 CLIENT NUMBER: 00000
 DATE: NOVEMBER 25, 2019



A1 LEVEL 04 - AUDIO VISUAL ROUGH-IN PLAN
 SCALE: 1/8" = 1'-0"

INTERMOUNTAIN ~ SHC 4TH FLOOR REMODEL
 INTERMOUNTAIN HEALTH CARE
 383 WEST VINE STREET MURRAY, UT 84123
 CONSTRUCTION DOCUMENTS

AUDIO-VIDEO ROUGH-IN SYSTEMS SCHEDULE

SYMBOL	DESCRIPTION	MOUNTING	SPECIAL INSTRUCTIONS
CP1	JUNCTION BOX, 4-1/16" BOX W/ 2-GANG MUD RING, MINIMUM 3" DEEP	FLUSH IN THE WALL AT ELECTRICAL OUTLET HEIGHT, EXCEPT WHERE NOTED ON THE DRAWINGS	
CP2	TABLETOP CONNECTION PANEL	IN TABLE	FURNISHED AND INSTALLED BY AV INSTALLER
CP3			
FBAV	FLOOR BOX OR POKE-THRU	FLOOR	REFER TO 'EP' SHEETS FOR TYPE AND LOCATION
BP	BUTTON CONTROL PANEL, JUNCTION BOX, 4-1/16" SQUARE BOX W/ 2-GANG MUD RING	FLUSH IN WALL DIRECTLY ABOVE LIGHT SWITCH	ATTACH JUNCTION BOX TO SAME SIDE OF STUD AS LIGHT SWITCH
S1,2	MASKING SPEAKER	ABOVE CEILING	FURNISHED AND INSTALLED BY AV INSTALLER
S	SPEAKER LOCATION	FLUSH IN FINISHED CEILING	SPEAKER FURNISHED AND INSTALLED BY AV INSTALLER, TRIM RING INSTALLED BY ELECTRICAL, SEE DETAIL A5E/J501
	CAMERA LOCATION	BELOW MONITOR	FURNISHED AND INSTALLED BY AV INSTALLER
	CAMERA LOCATION	BELOW MONITOR	FURNISHED AND INSTALLED BY AV INSTALLER
MXJ	FLAT PANEL MONITOR JUNCTION BOX, CHIEF PAC 528FCW	FLUSH IN THE WALL AT APPROXIMATELY 48" AFF TO BOTTOM OF BOX, OR AS NOTED ON PLAN SHEETS	COORDINATE WITH STRUCTURAL BACKING, AND COORDINATE EXACT ELEVATION WITH ARCHITECTURAL ELEVATIONS, SEE DETAILS A4E/J501 AND B5E/J501
M55	CEILING MOUNTED MONITOR JUNCTION BOX, 4-1/16" SQUARE BOX W/ 2-GANG MUD RING	FLUSH IN CEILING WITHIN 4" OF MONITOR MOUNT	COORDINATE EXACT LOCATION WITH AV INSTALLER, SEE DETAIL B4E/J501
	CONDUIT, 3/4" MINIMUM	CONCEALED BEHIND FINISHED SURFACES, UNLESS OTHERWISE NOTED	REFER TO RISER DIAGRAMS FOR EXACT SIZES & QUANTITIES.

GENERAL SHEET NOTES

- INSTALL ALL CONDUIT IN A CONCEALED FASHION. SURFACE MOUNTED CONDUIT WILL NOT BE ACCEPTED. CONDUITS AND BOXES ABOVE CEILING HEIGHT MAY BE INSTALLED EXPOSED AND PAINTED TO MATCH SURROUNDING EQUIPMENT.
- MAINTAIN MAXIMUM SEPARATION BETWEEN AV SYSTEM CONDUIT AND ALL POWER CONDUIT. MINIMUM SEPARATION REQUIREMENTS IS 24".
- INSTALL NYLON PULL STRINGS IN ALL AV SYSTEM CONDUIT.
- INSTALL ALL EQUIPMENT IN COMPLIANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS, SEISMIC CODES, AND INDUSTRY WIDE ACCEPTED RIGGING PRACTICES. SUPPORT EQUIPMENT WEIGHT FROM STRUCTURE. DURING THE SUBMITTAL PROCESS, PROVIDE SHOP DRAWINGS WHICH DETAIL PROPOSED MOUNTING FOR ALL SUCH EQUIPMENT.
- IF THE BOXES, ENCLOSURES, & CABINETS SPECIFIED ARE NOT PROVIDED FROM THE MANUFACTURER WITH THE REQUIRED KNOCK OUTS FOR THE SPECIFIED CONDUIT, FIELD CUT ALL REQUIRED KNOCK OUTS TO TERMINATE THE QUANTITY AND SIZES OF THE SPECIFIED CONDUITS.
- THE ROUGH-IN LOCATIONS FOR PROJECTORS SHOWN ON THE FLOOR PLAN DRAWINGS ARE APPROXIMATE. COORDINATE WITH AV CONTRACTOR FOR ACTUAL PROJECTION DISTANCES. LOCATE ROUGH-IN FOR PROJECTORS IN COMPLIANCE WITH THE DISPLAY DEVICE SCHEDULE.
- ALL ROUGH-IN SHALL BE IN COMPLIANCE WITH ANSII/TIA/EIA 568-B WHICH INCLUDES, BUT IS NOT LIMITED TO, ALL CONDUITS HAVING NO MORE THAN TWO 90 DEGREE BENDS.
- ALL CONDUIT FOR AV ROUGH-IN SHALL BE EMT.
- ALL CONNECTION PANELS SHALL BE WITHIN 12" OF POWER AND DATA OUTLETS. NOTIFY ENGINEER IF DISCREPANCY IS FOUND.
- ALL AV CONDUITS SHALL BE INSTALLED USING SHORTEST RUNS POSSIBLE. THERE SHOULD BE NO UNNECESSARY BENDS IN CONDUIT RUNS.
- CONDUITS AND JUNCTION BOXES SHOWN NO RISER DIAGRAMS ARE TYPICAL FOR EACH DEVICE IN ROOM.
- COVER ALL JUNCTION BOXES WITH A BLANK NYLON COVER PLATE.

DEFINITIONS

NOTE: ALL DEFINITIONS MAY NOT BE USED.

INDICATED: THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED" AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE. NO LIMITATION ON LOCATION IS INTENDED.

DIRECTED: TERMS SUCH AS "DIRECTED", "REQUESTED", "AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.

APPROVE: THE TERM "APPROVED" WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.

FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."

INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."

PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."

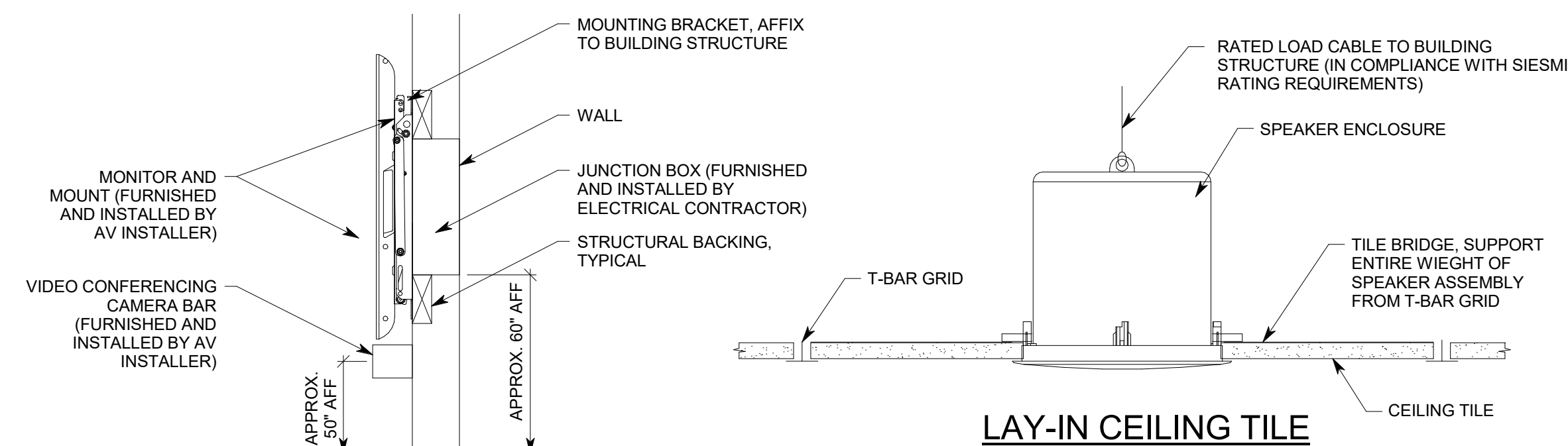
INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.

TECHNOLOGY SYSTEMS: THE TERM "TECHNOLOGY SYSTEMS" IS USED TO DESCRIBE ALL LOW VOLTAGE SYSTEMS GENERALLY REFERRED TO AS "SPECIAL SYSTEMS". THESE SYSTEMS INCLUDE BUT ARE NOT NECESSARILY LIMITED TO ALL SYSTEMS WHICH UTILIZE VOLTAGES OF LESS THAN 71 VOLTS SUCH AS SOUND SYSTEMS, VIDEO SYSTEMS, TV SYSTEMS, SECURITY SYSTEMS, VOICE AND DATA CABLING SYSTEMS, ETC...

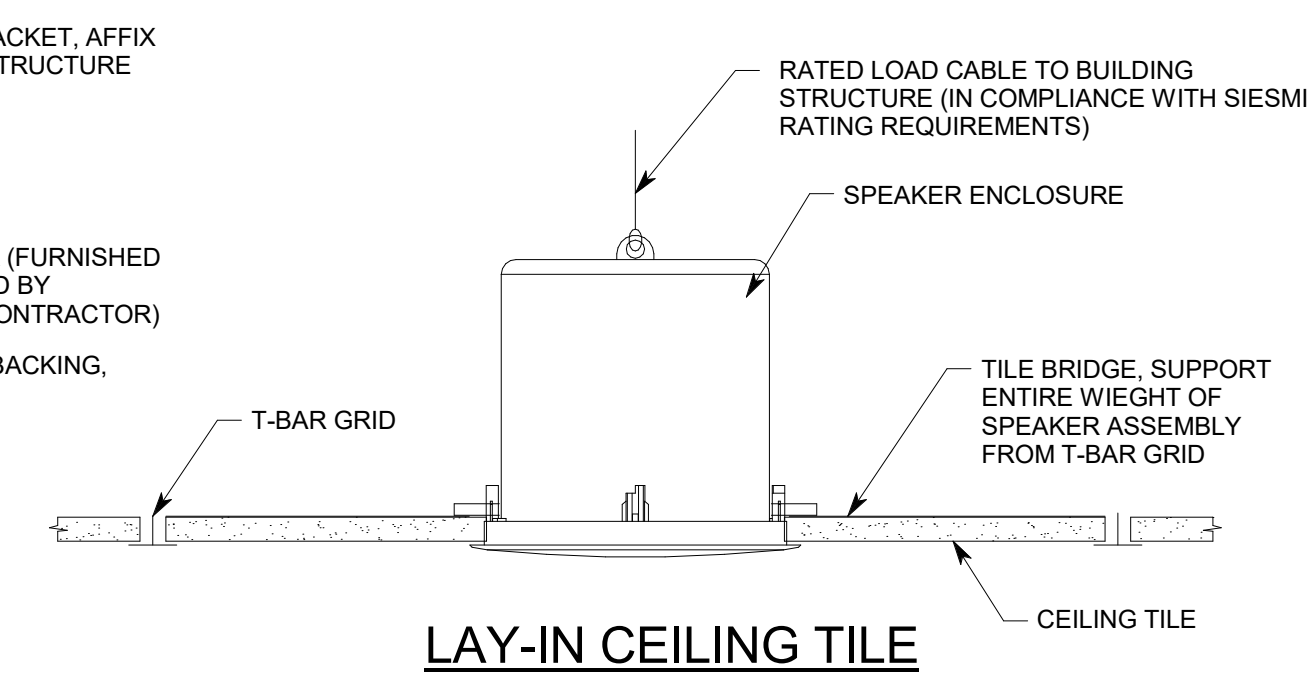
ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

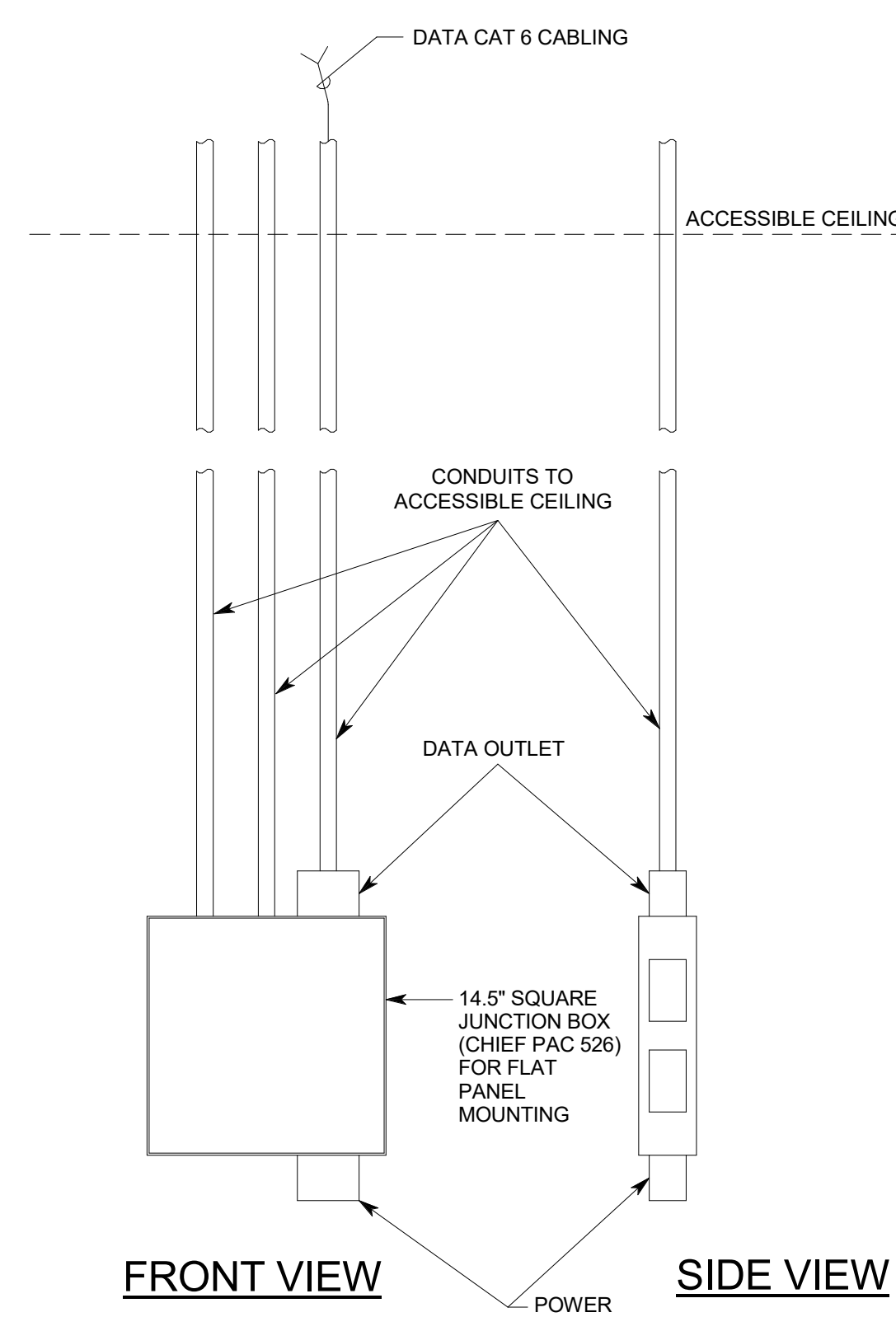
"A"	AMP OR AMPS	"IG"	INSULATED GROUND
"ADJ"	ADJACENT	"IMC"	INTERMEDIATE METAL CND
"AFF"	ABOVE FINISHED FLOOR	"INIS"	INSULATED/ISOLATED
"AL"	ALUMINUM	"KVA"	KILO VOLT AMPERES
"C"	CONDUIT	"KW"	KILOWATTS
"CB", "CBB"	CIRCUIT BREAKER	"LFMC"	LIQUID TIGHT FLEXIBLE
"CKT"	CIRCUIT	"LMC"	LIQUID TIGHT FLEXIBLE
"CO"	CONVENIENCE OUTLET	"LFNC"	LIQUID TIGHT FLEXIBLE
"C.O.R."	CONTRACTING OFFICER'S REPRESENTATIVE	"NMC"	NONMETALLIC CONDUIT
"CU"	COPPER	"MCA"	MINIMUM CIRCUIT AMPS
"EA"	EACH	"MO"	MAIN LUGS ONLY
"ELEC"	ELECTRICAL	"N.C."	NORMALLY CLOSED
"EM"	EMERGENCY	"N.I.C."	NOT IN CONTRACT
"EMT"	ELECTRICAL METALLIC TUBING	"N.O."	NORMALLY OPEN
"ENT"	ELECTRICAL NONMETALLIC TUBING	"O.C."	ON CENTER
"EQUIP"	EQUIPMENT	"OCP"	OVER CURRENT PROTECTION
"EX"	EXISTING	"QTY"	QUANTITY
"FA"	FIRE ALARM	"R"	REMOVE
"FACP"	FIRE ALARM CONTROL PANEL	"RMC"	RIGID METAL CONDUIT
"FLA"	FULL LOAD AMPS	"RNC"	RIGID NONMETALLIC CONDUIT
"FMC"	FLEXIBLE METAL CONDUIT	"RR"	REMOVE AND RELOCATE
"F.O.B."	FREIGHT ON BOARD	"TYP"	TYPICAL
"GFI"	GROUND FAULT INTERRUPTER	"UF"	UNDER FLOOR
"GR"	GROUND	"UG"	UNDER GROUND
"HOA"	HAND-OFF-AUTO	"W"	WITH
"HP"	HORSE POWER	"WP"	WEATHER PROOF
		"XFMR"	TRANSFORMER



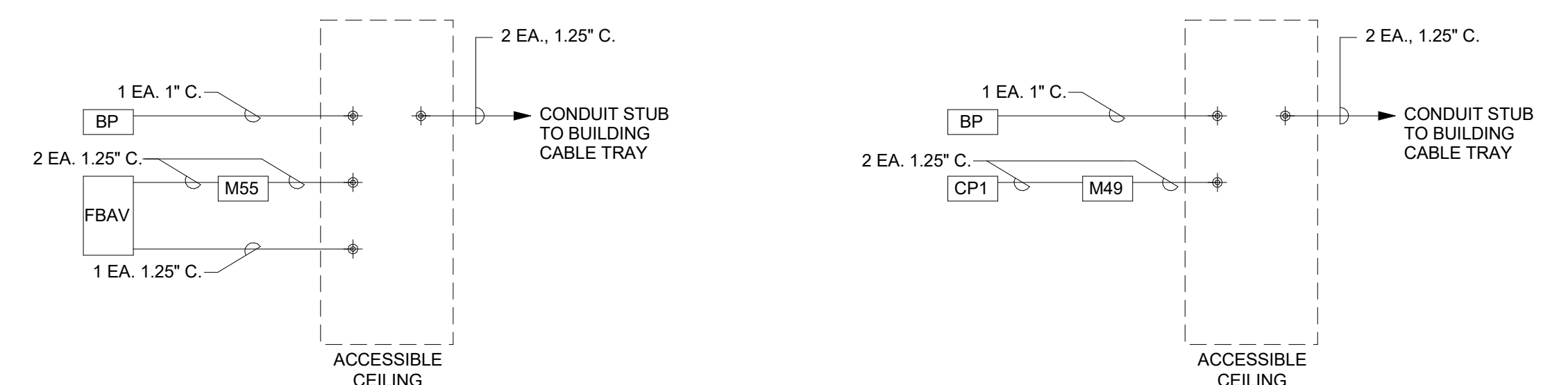
A5
FLAT PANEL INSTALLTION DETAIL
NO SCALE



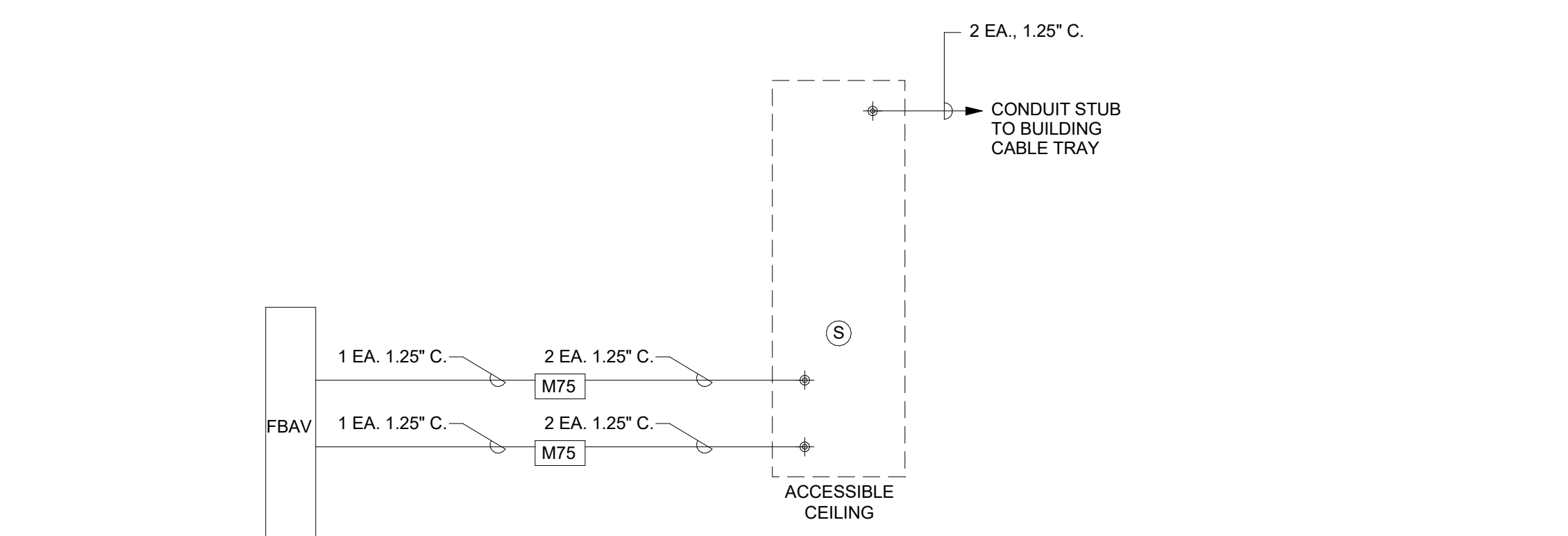
A6
CEILING SPEAKER INSTALLATION DETAIL
NO SCALE



B6
FLAT PANEL WIRING DETAIL
NO SCALE



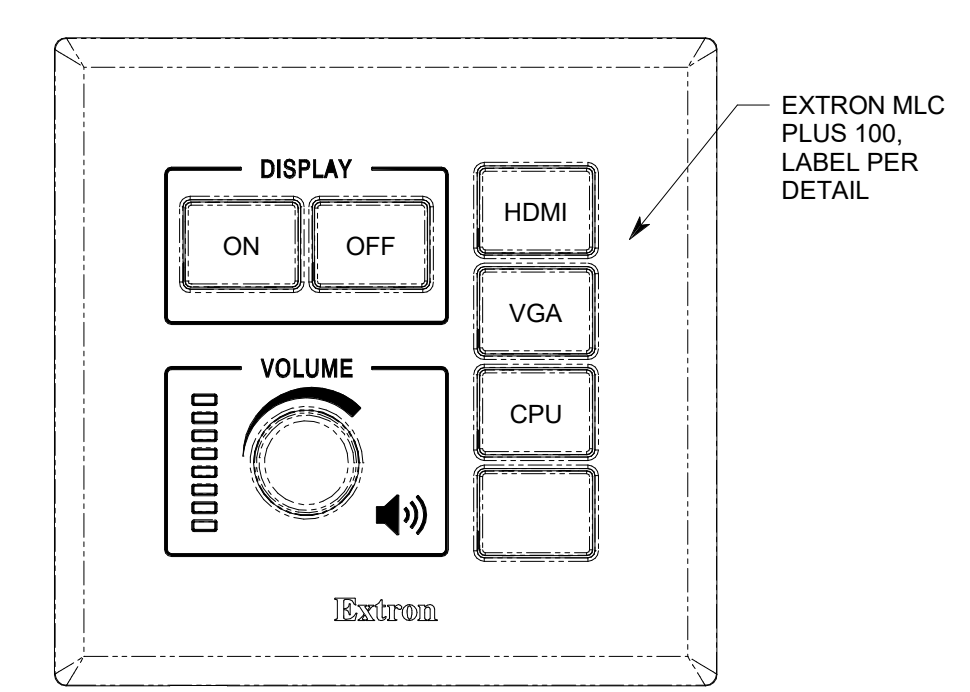
C4
MEDIUM COLLAB. ROOMS AV CONDUIT RISER DIAGRAM
NO SCALE



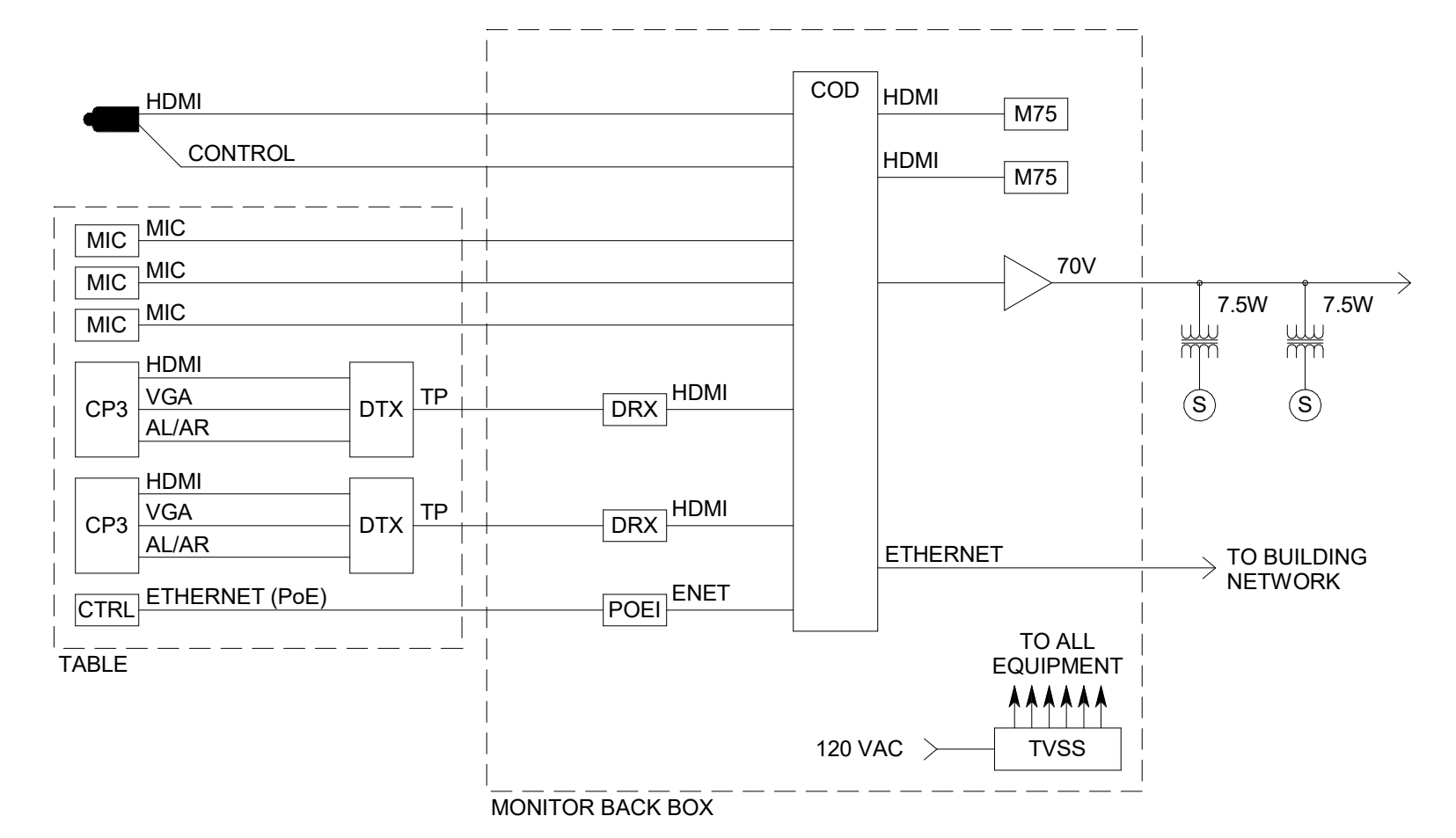
A4
TELEPRESENCE ROOM AV CONDUIT RISER DIAGRAM
NO SCALE

REV	DATE	DESCRIPTION

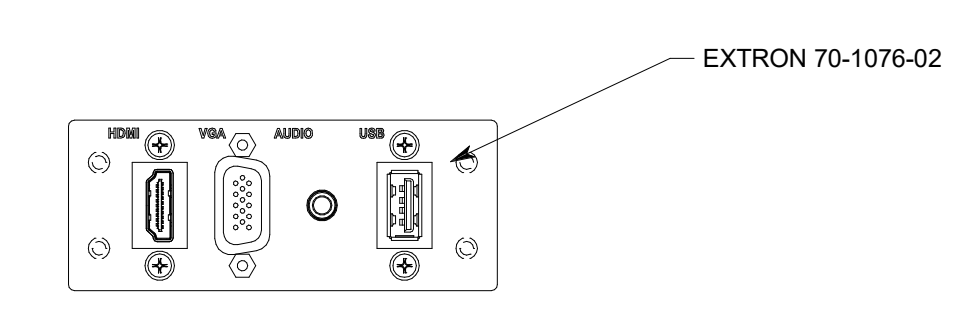
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DATE: NOVEMBER 25, 2019



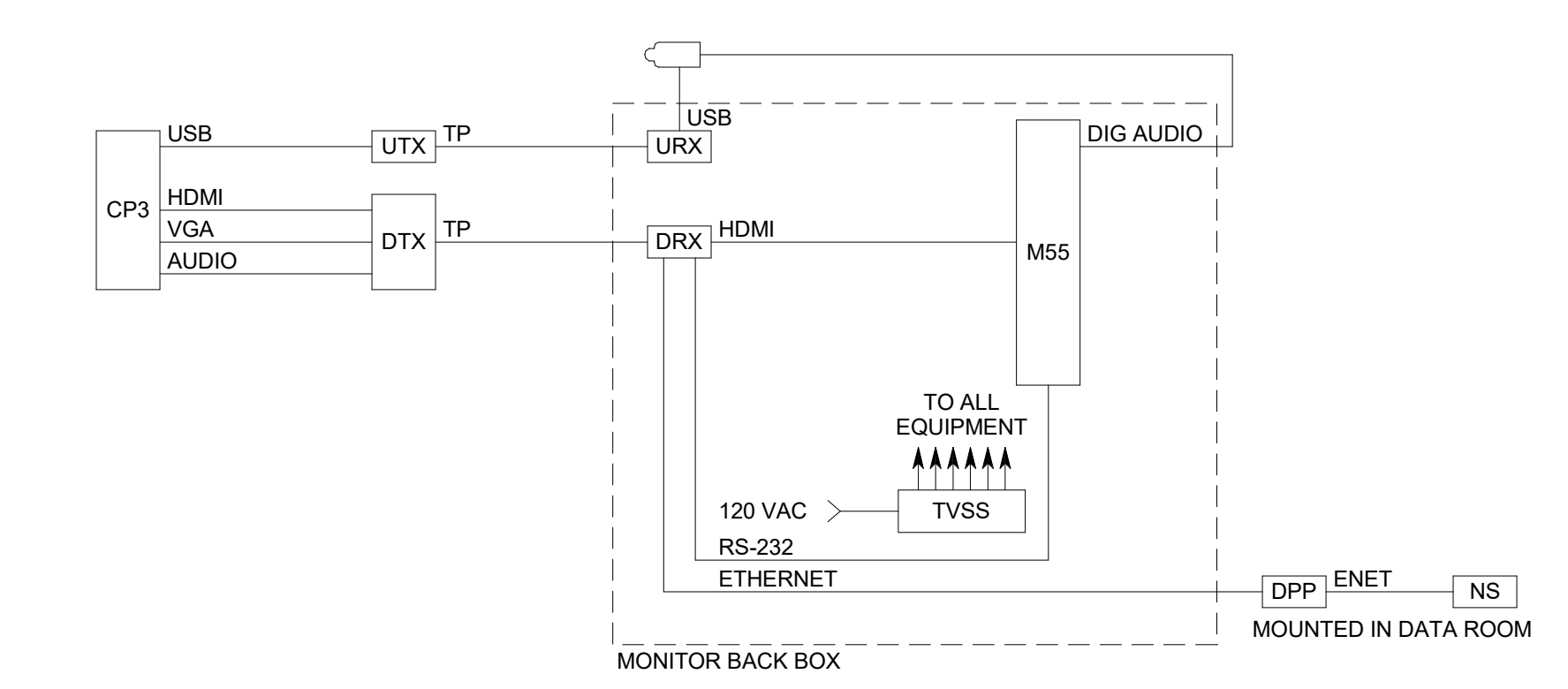
D4 **BUTTON CONTROL PANEL DETAIL**
NO SCALE (TYPICAL OF CONFERENCE ROOMS) [BP]



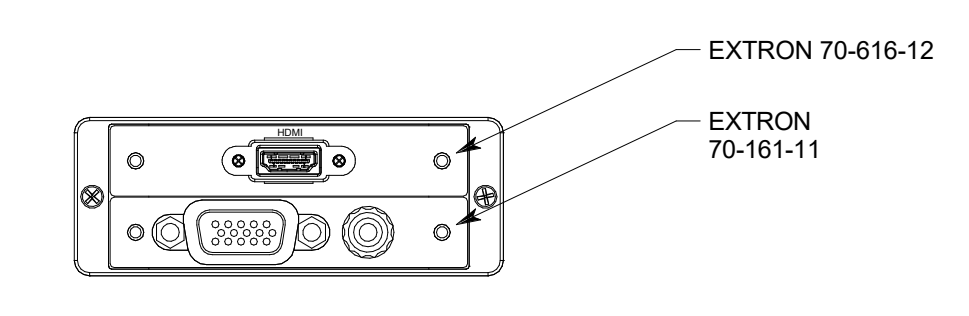
C5 **TELEPRESENCE ROOM 406 AV SYSTEM RISER DIAGRAM**
NTS



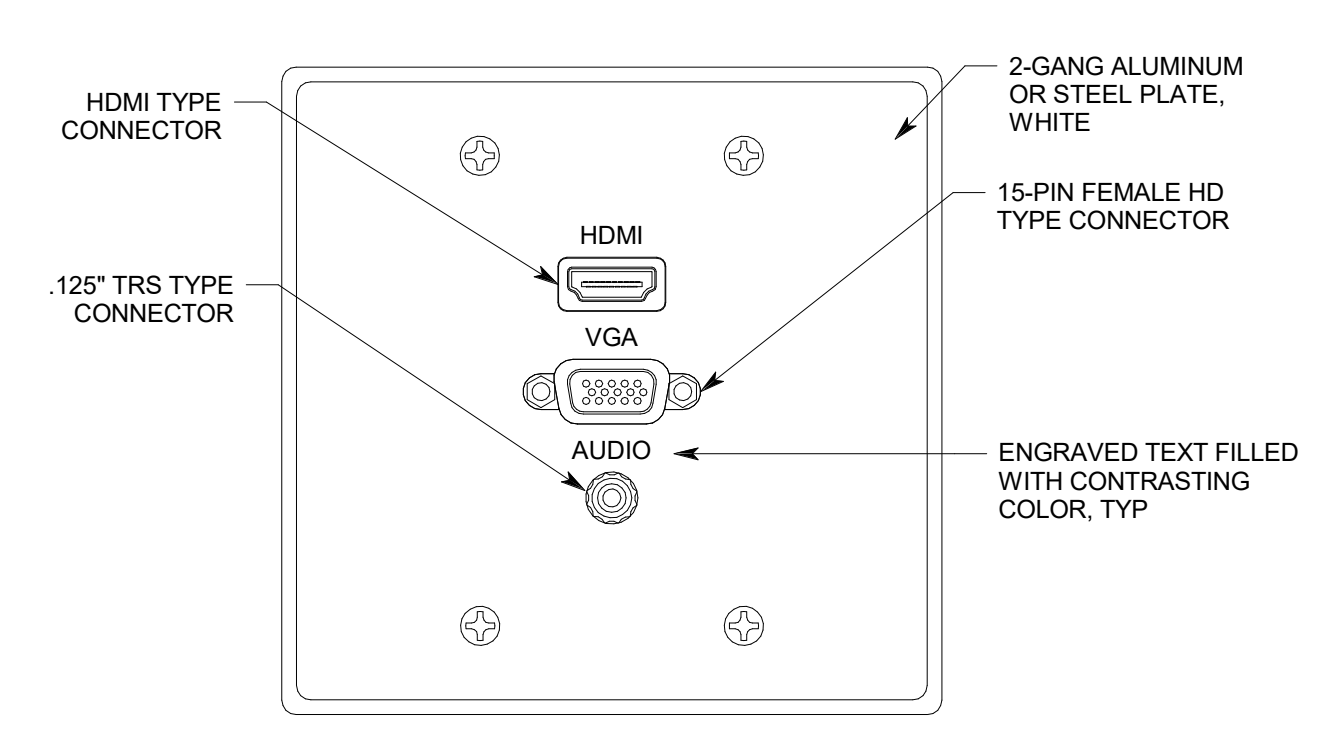
C4 **CONNECTION PANEL #3 DETAIL**
NO SCALE [CP3]



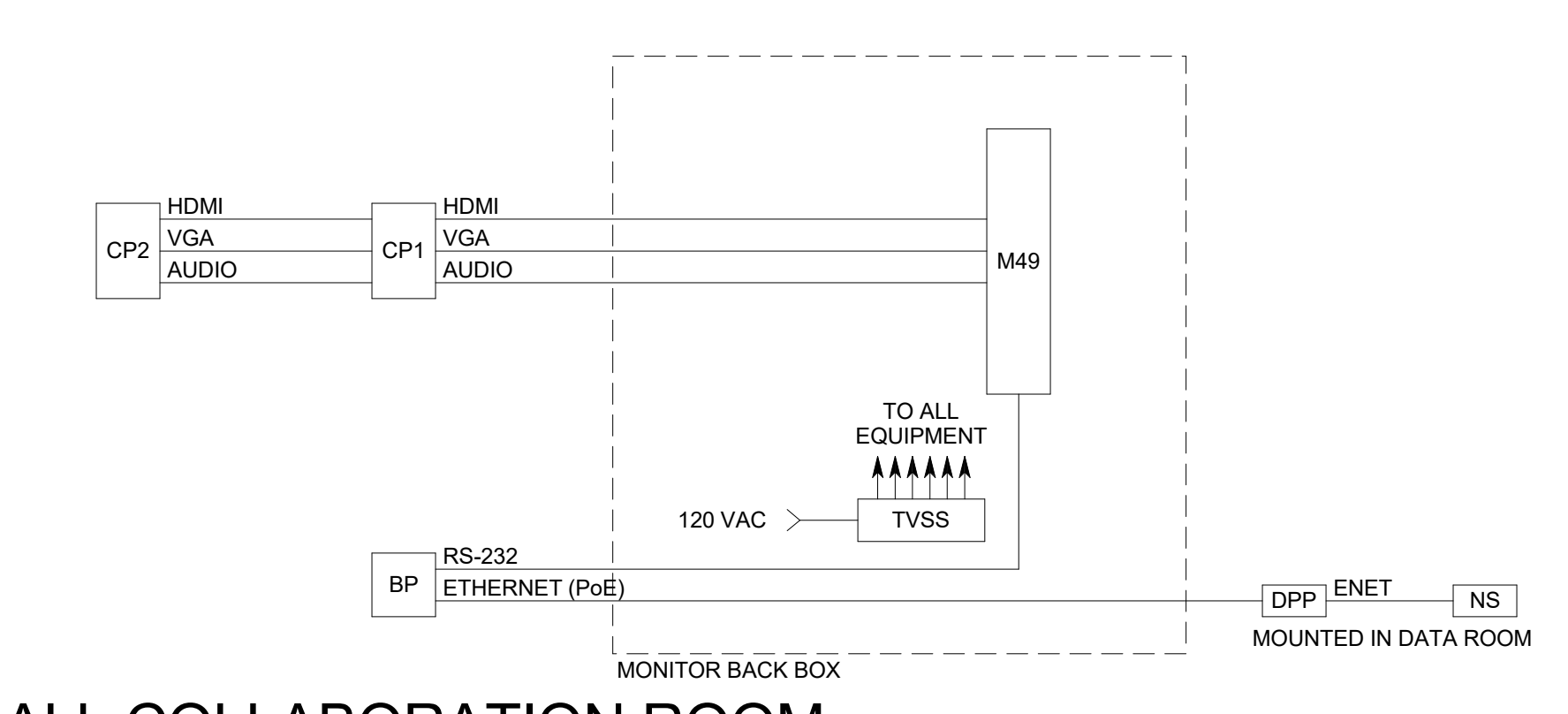
B5 **LARGE & MEDIUM COLLABORATION ROOM AV SYSTEM RISER DIAGRAM**
NTS



B4 **CONNECTION PANEL #2 DETAIL**
NO SCALE [CP2]



A4 **CONNECTION PANEL #1 DETAIL**
NTS [CP1]



A5 **SMALL COLLABORATION ROOM AV SYSTEM RISER DIAGRAM**
NTS

SOUND MASKING SYSTEM EQUIPMENT LIST

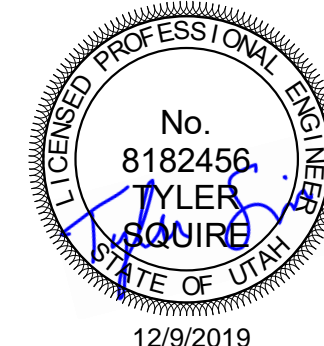
THE ITEMS INDICATED BELOW SHALL NOT BE CONSTRUED AS A "BILL OF MATERIALS". THIS LIST IDENTIFIES ITEMS OF SIGNIFICANCE USED DURING THE DESIGN OF THE ELECTRONIC SYSTEMS INSTALLATION. WHERE THE ITEMS INDICATED ARE ONE PORTION OF AN ASSEMBLY, THE ENTIRE ASSEMBLY SHALL BE PROVIDED UNLESS SPECIFIED OTHERWISE. PROVIDE ALL MISCELLANEOUS HARDWARE AND SUPPORTS WHICH MAY NOT BE LISTED HERE, FOR A COMPLETE INSTALLATION. COMPARE CATALOG NUMBERS WITH DESCRIPTIONS AND NOTIFY ENGINEER OF DISCREPANCIES PRIOR TO BID. IF CATALOG NUMBERS DO NOT MATCH DESCRIPTIONS, THE DESCRIPTIONS TAKE PRECEDENCE. PROVIDE COMPLETE SUBMITTAL FOR APPROVAL PRIOR TO PURCHASING ANY EQUIPMENT OR CABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

SYMBOL	DESCRIPTION	QUANTITY	ACCEPTABLE TYPES
NG	MASKING NOISE GENERATOR, MULTI-CHANNEL W/ EQUALIZATION	0FP	ATLAS SOUND ASP-MG24 TDB
Ⓢ _{1,2}	MASKING SPEAKER ASSEMBLY, UPWARD RADIATING W/ 8" SPEAKER, SUSPENSION CHAIN, AND ROTARY TAP SELECTION	0FP	ATLAS SOUND M1000, SEE DETAIL B1/TM001
PA	POWER AMPLIFIER, 2-CHANNEL, 70V, MINIMUM 200 WATTS PER CHANNEL	0FP	CROWN DCI 2-300 QSC-CX302V
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR, 20 AMP	0FP	TRIPP LITE IBAR12-20ULTRA
	J-HOOKS, SEE DETAIL D1/TM001	A/R	CADDY HILTI
	SPEAKER CABLE, PLENUM RATED, 16AWG, TWISTED PAIR	A/R	BELDEN 6200UE WEST PENN 25226B

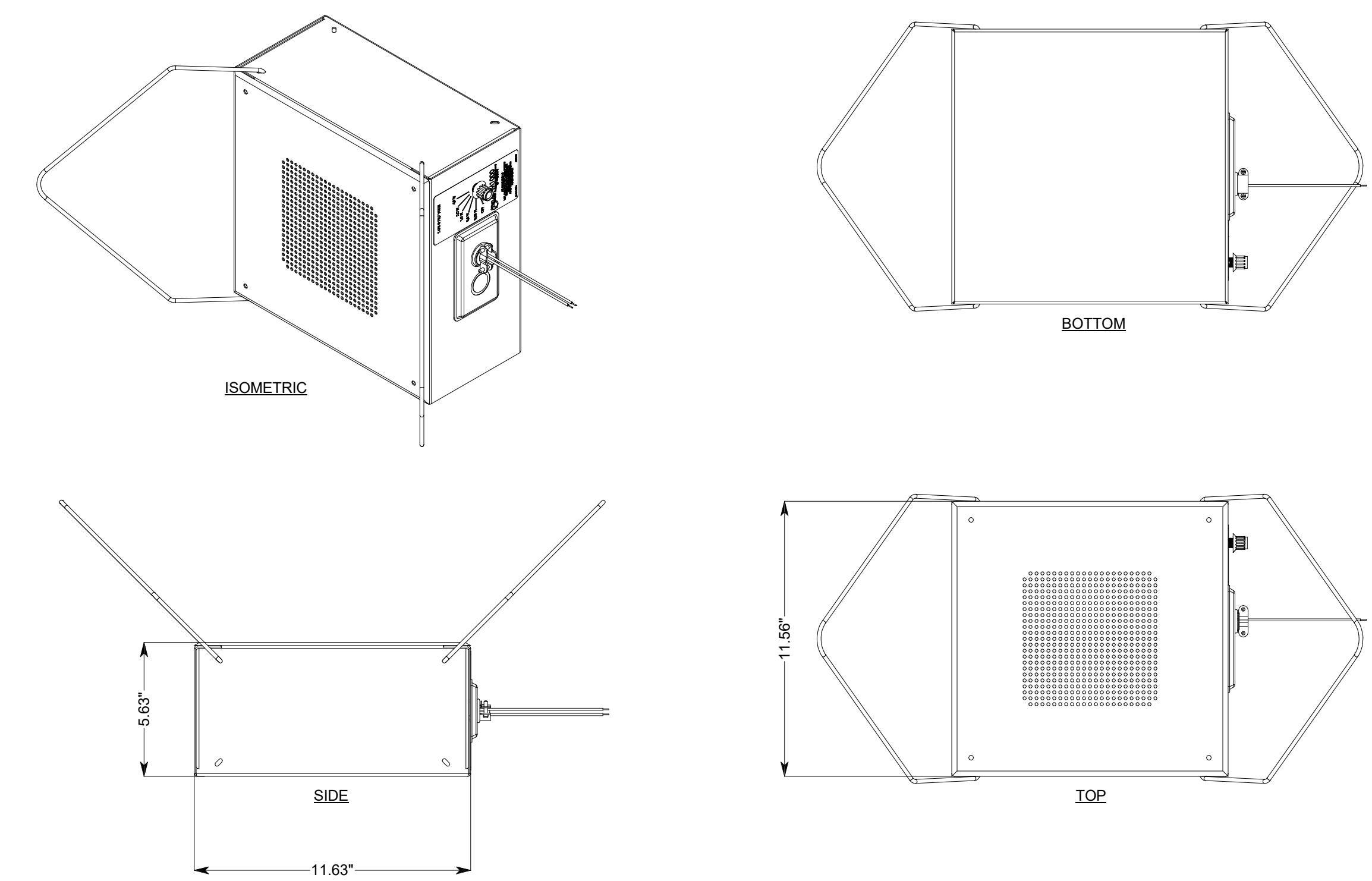
A/R = AS REQUIRED 0FP = OBTAIN FROM PLANS RMK = RACK MOUNT KIT

SOUND MASKING NOTES

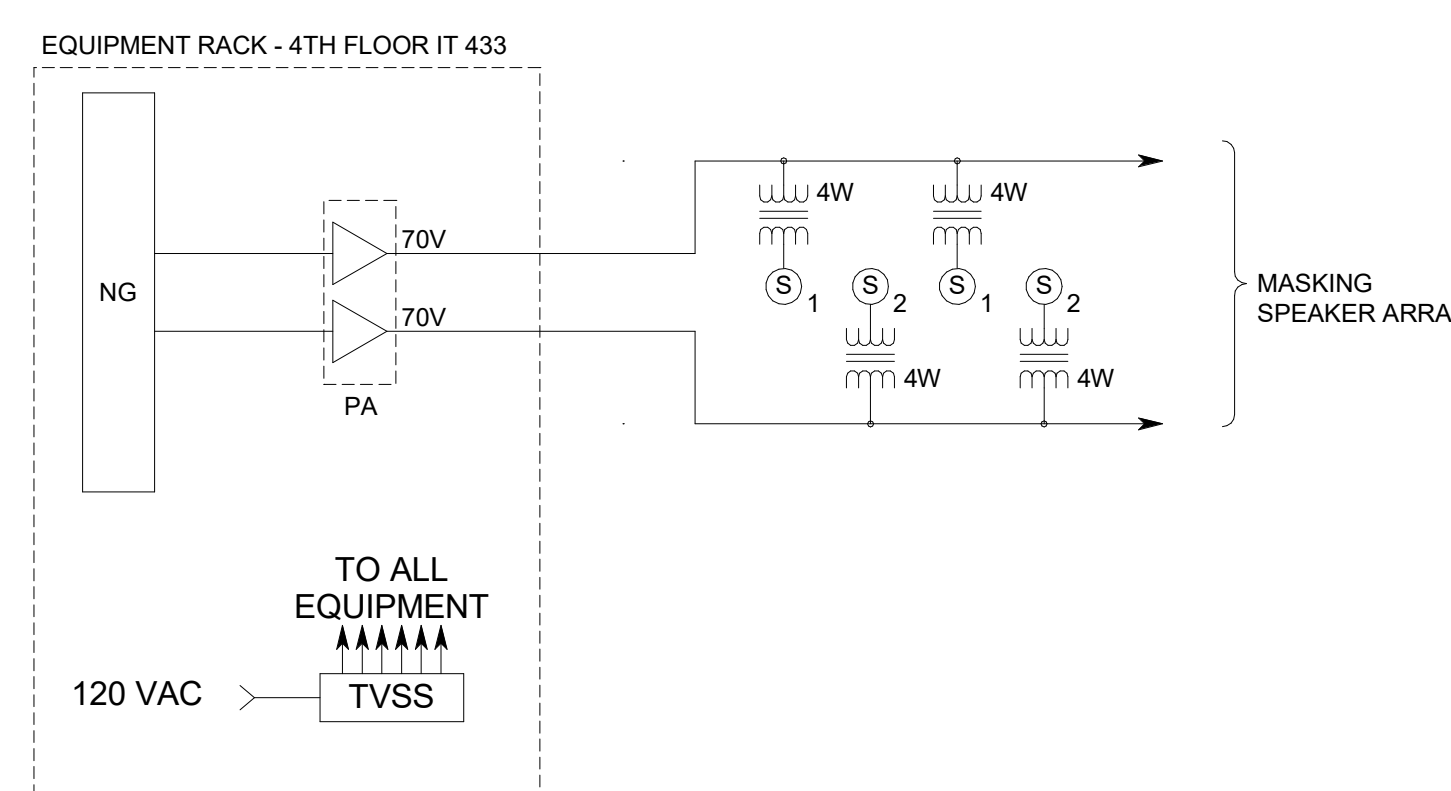
- CABLE SHALL BE INSTALLED IN ACCORDANCE WITH ANSII/TIA/EIA 569-A, WHICH INCLUDES, BUT IS NOT LIMITED TO, THE SEPARATION OF THE CABLE TYPES AND THE USE OF J-HOOKS SPACED AT A MAXIMUM OF 5'-0" INTERVALS. SUPPORT J-HOOKS DIRECTLY FROM THE BUILDING STRUCTURE, NOT FROM OTHER BUILDING SYSTEM SUPPORT WIRES OR CABLES.
- INSTALL ALL EQUIPMENT IN COMPLIANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS, SEISMIC CODES, AND INDUSTRY-WIDE ACCEPTED RIGGING PRACTICES. SUPPORT EQUIPMENT WEIGHT FROM STRUCTURE DURING THE SUBMITTAL PROCESS, PROVIDE SHOP DRAWINGS WHICH DETAIL PROPOSED MOUNTING FOR ALL SUCH EQUIPMENT.



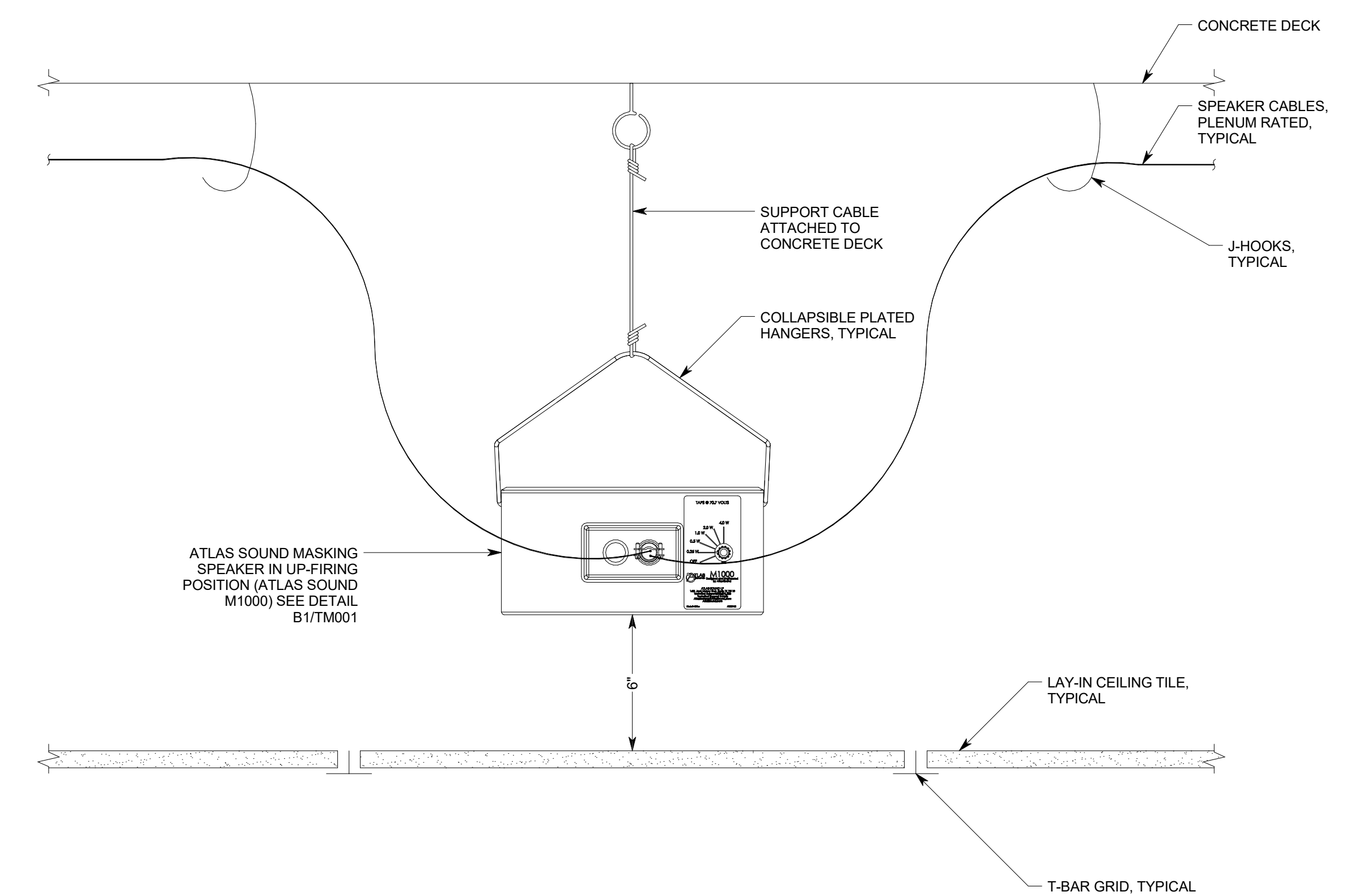
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