

CLASSIC AIR - VCT 5TH FLOOR REMODEL

INTERMOUNTAIN HEALTHCARE
VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
MURRAY, UTAH



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801.575.8800 | VCBO.COM

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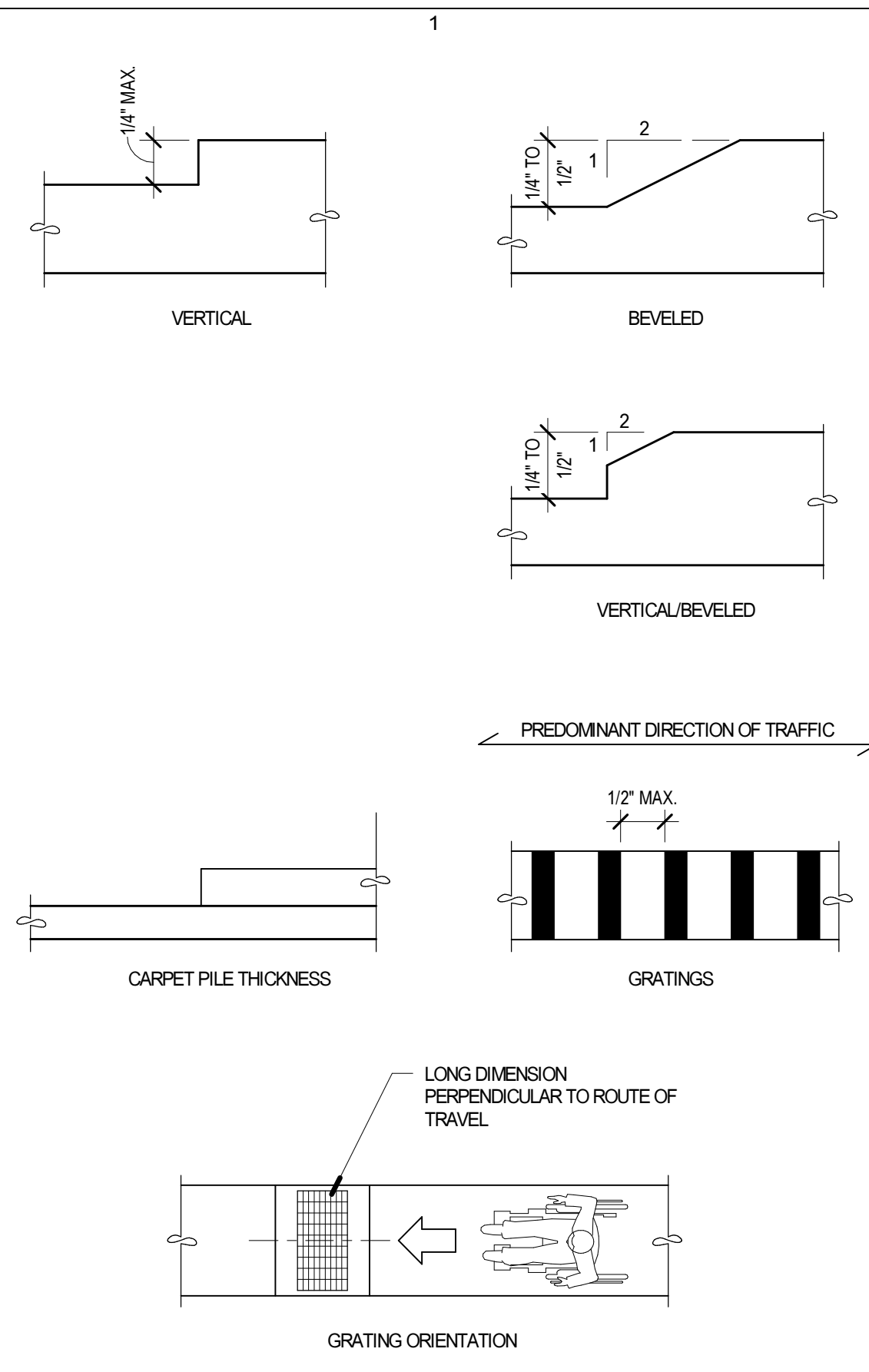
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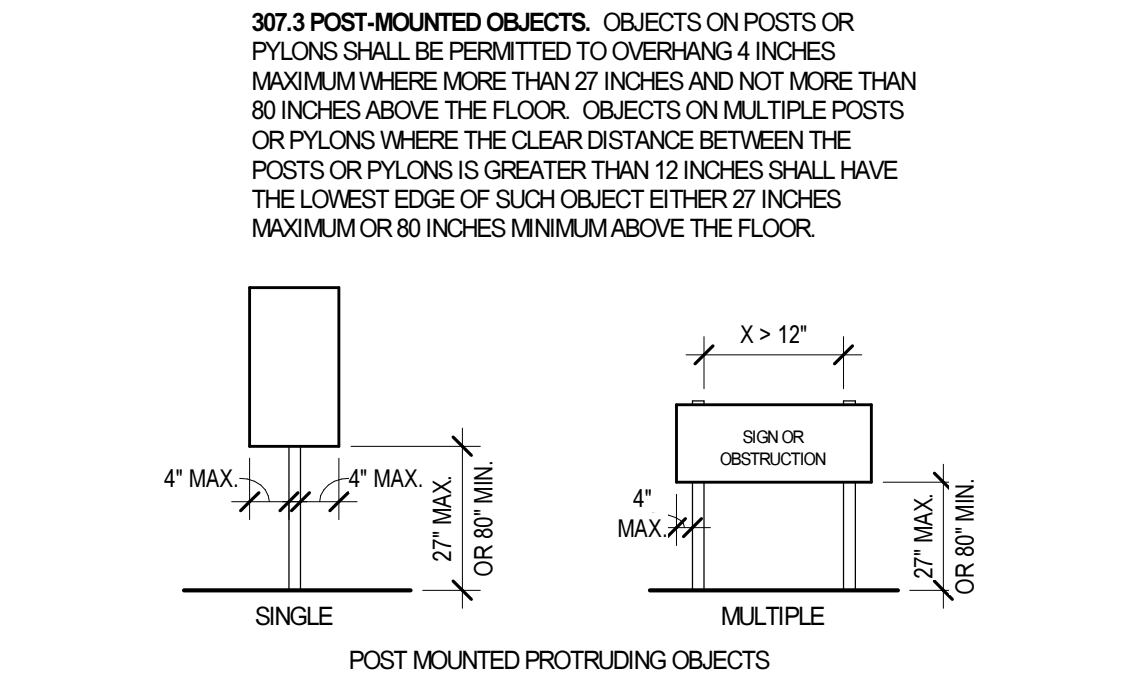
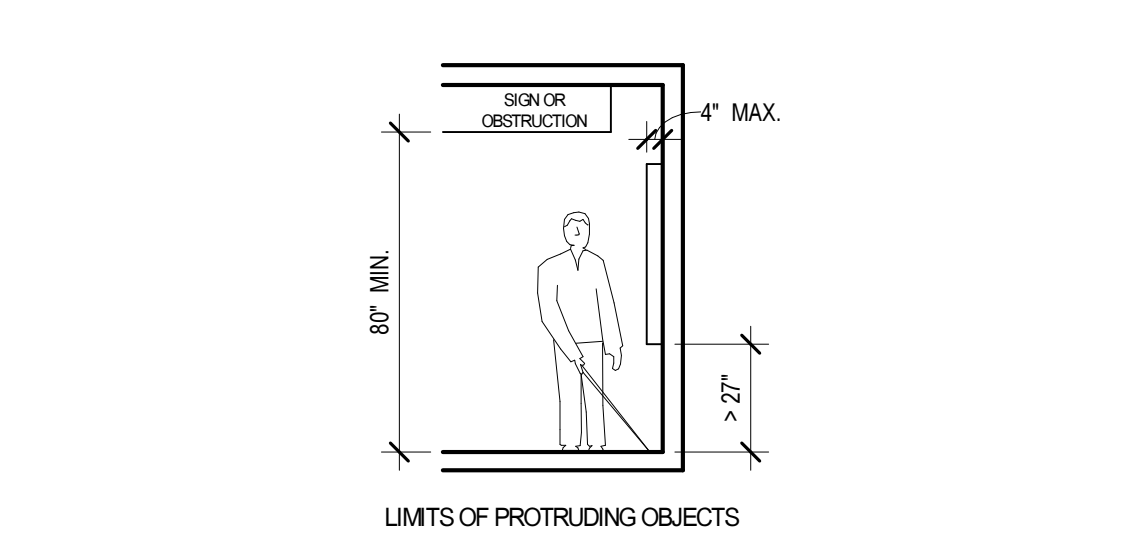


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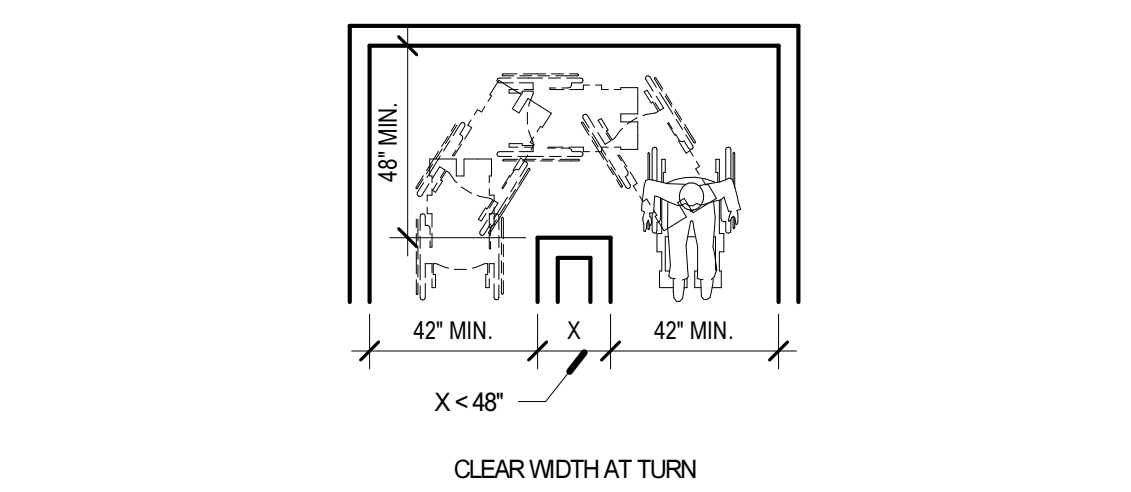
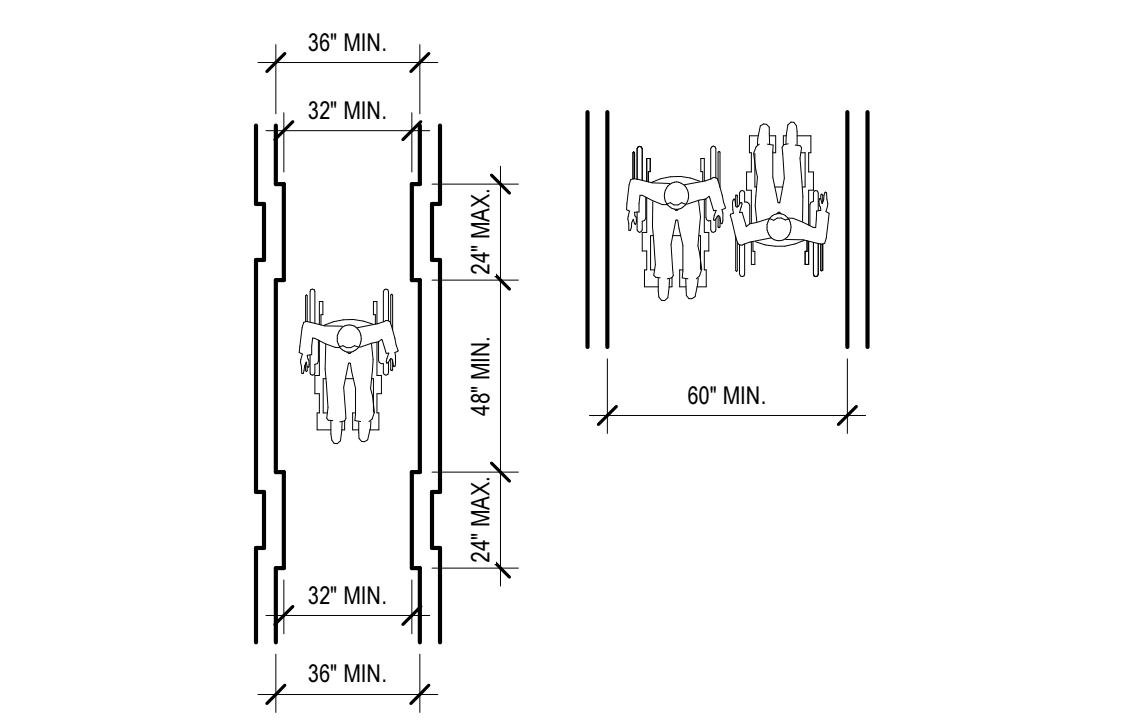
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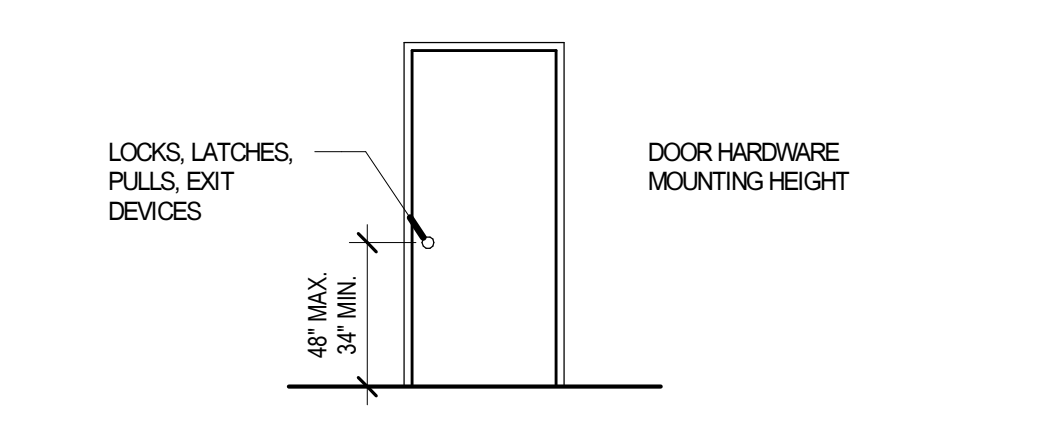
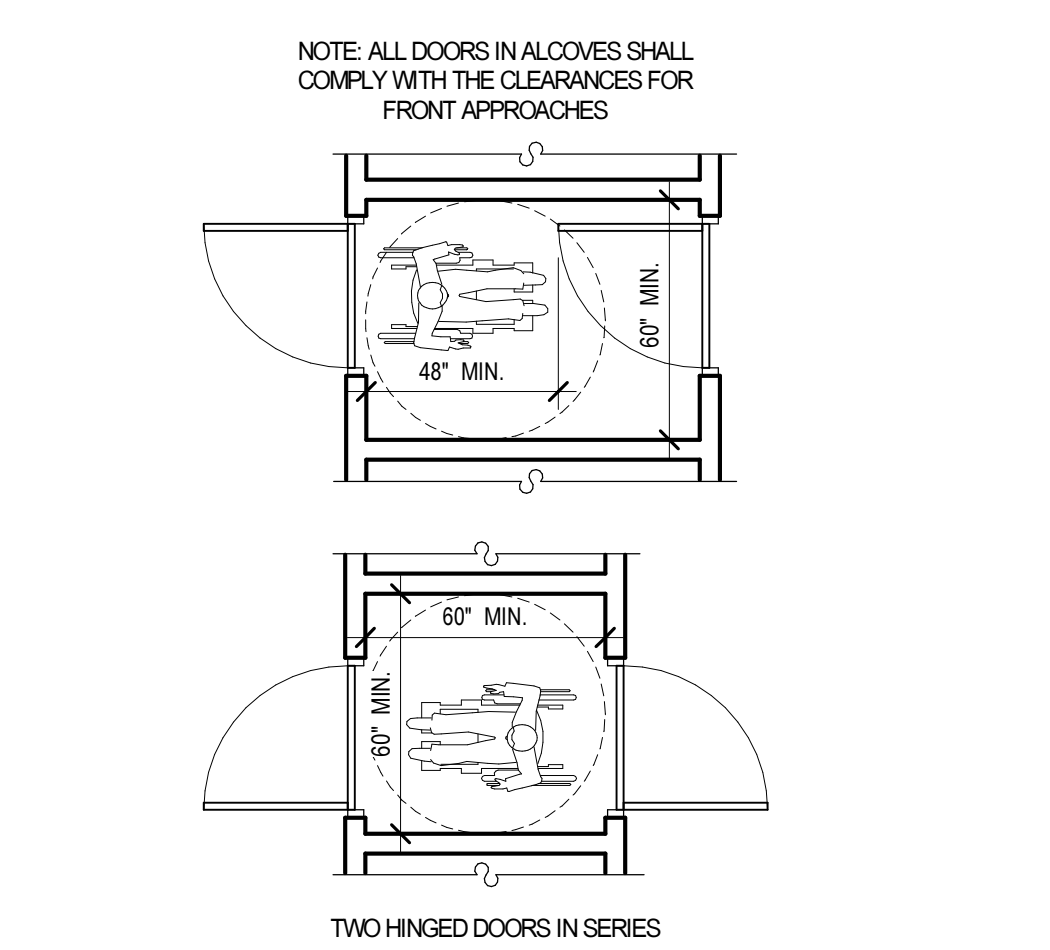
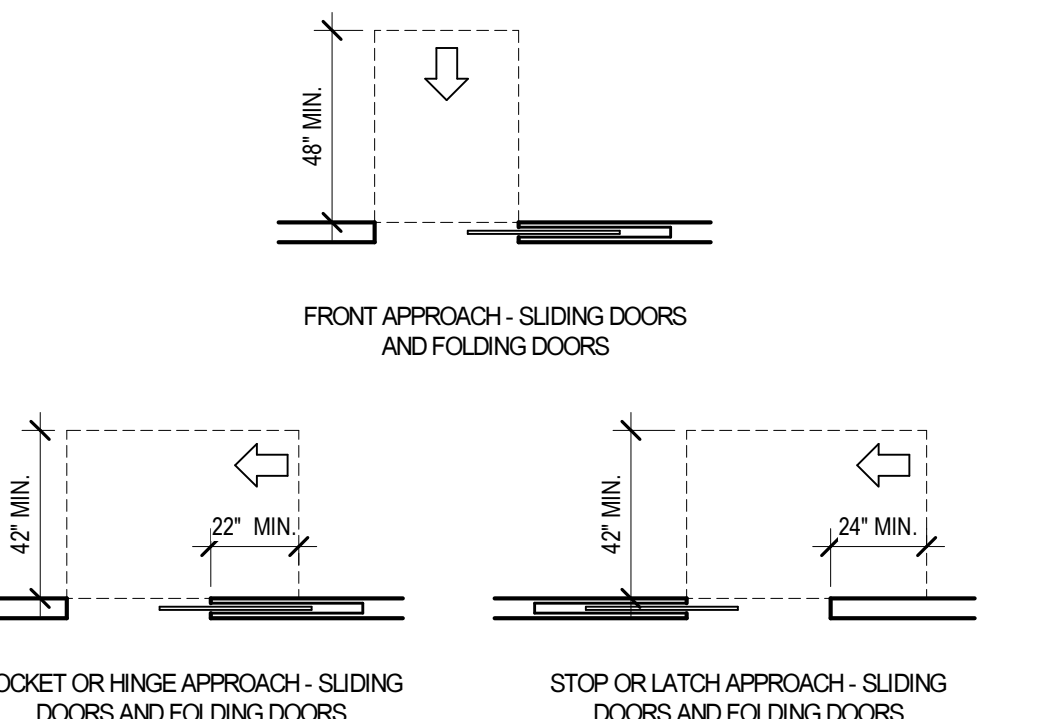
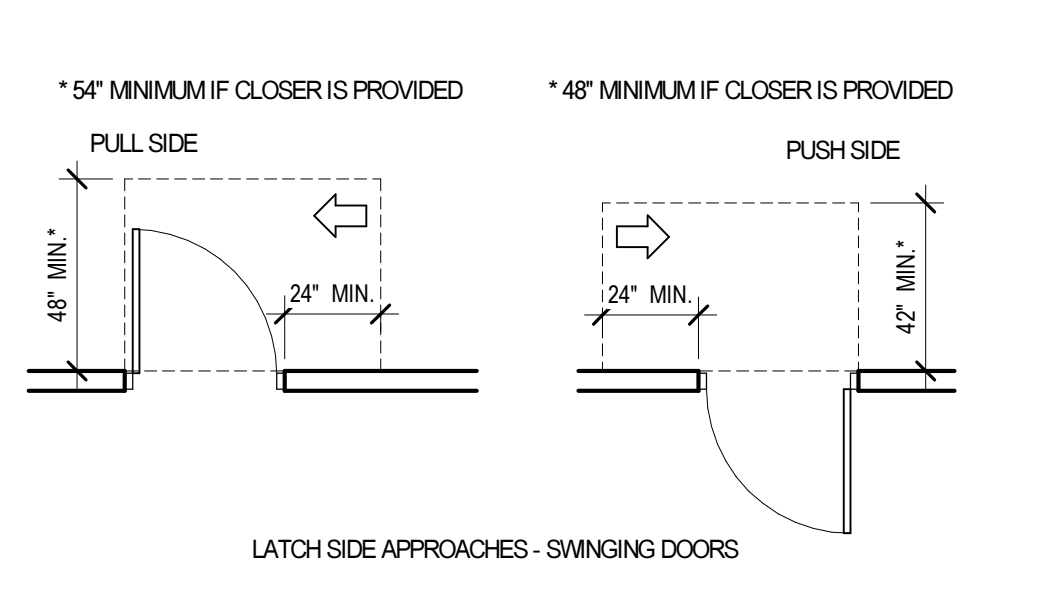
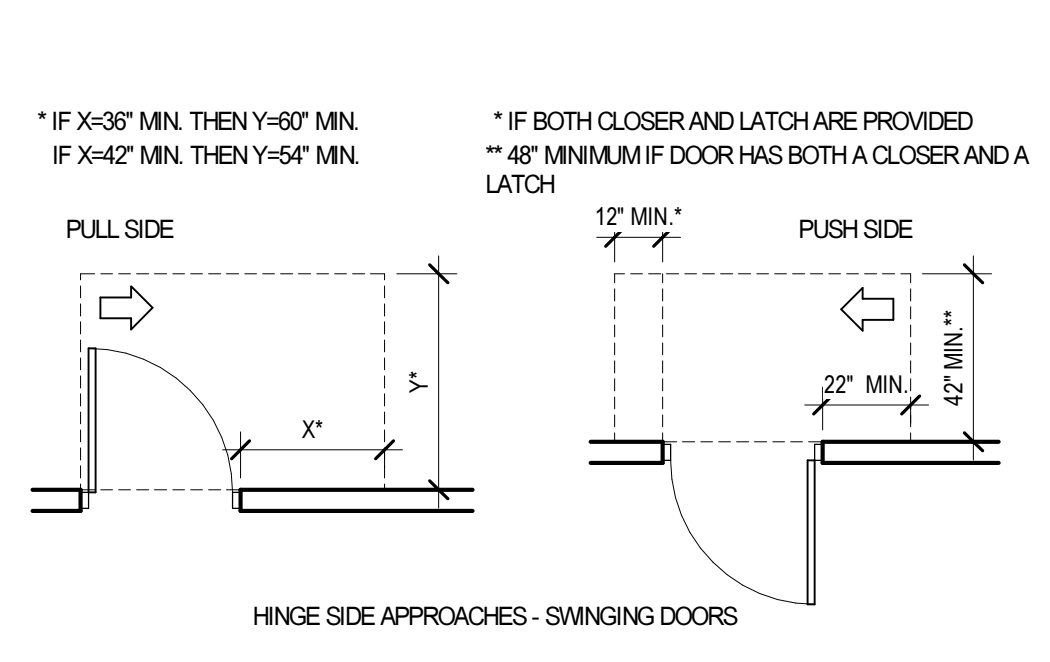
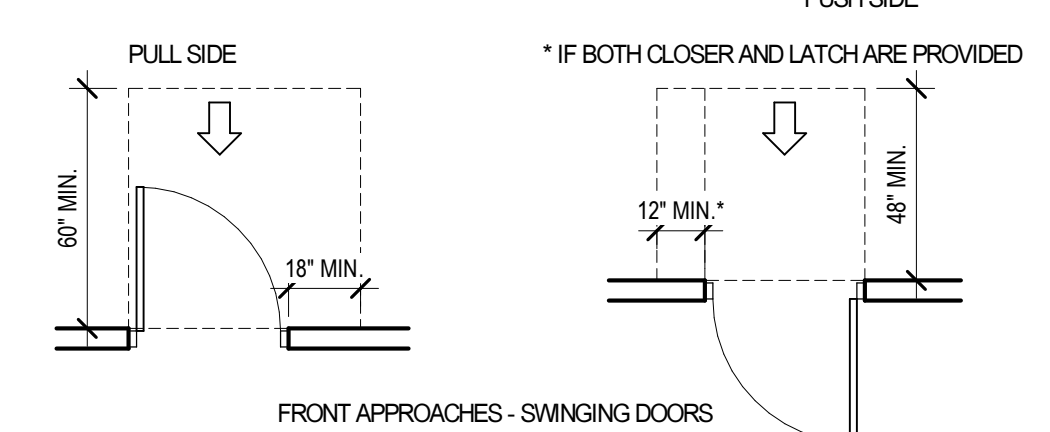
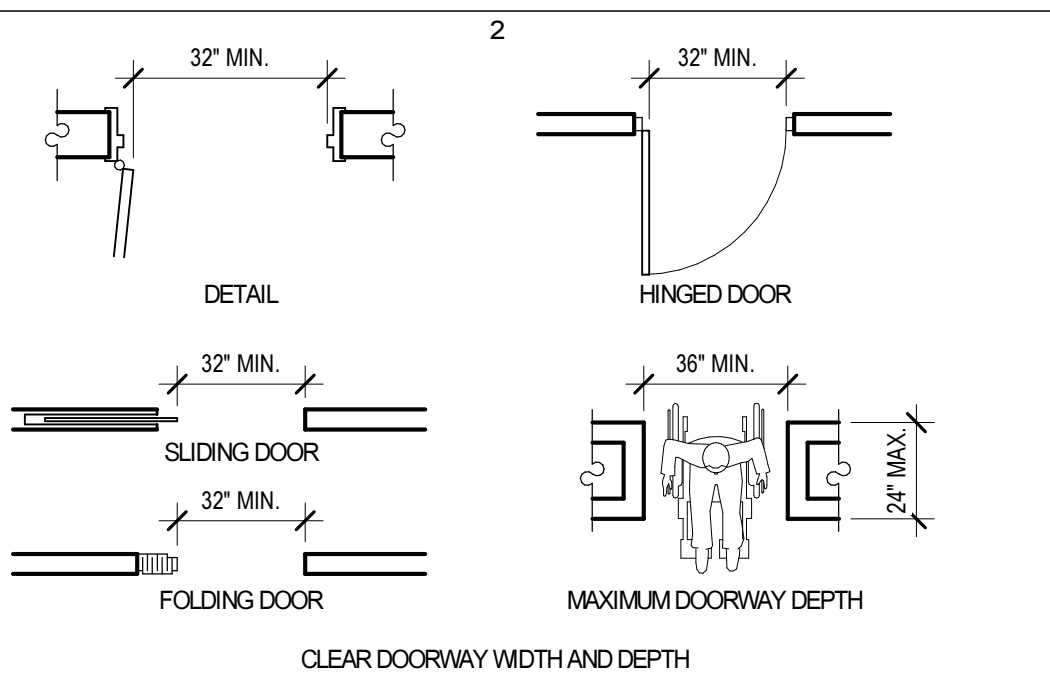
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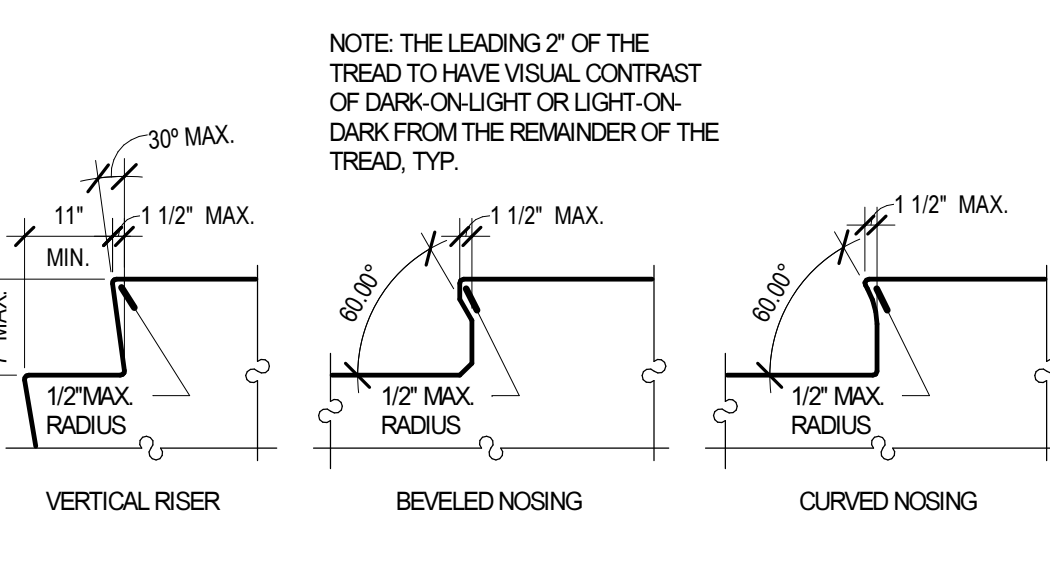
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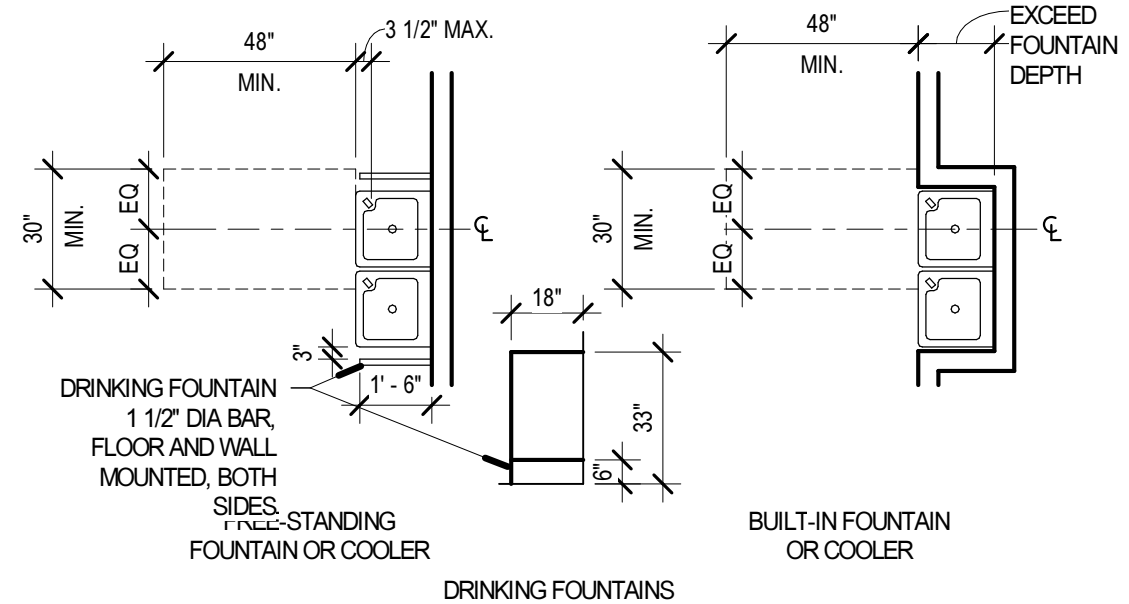
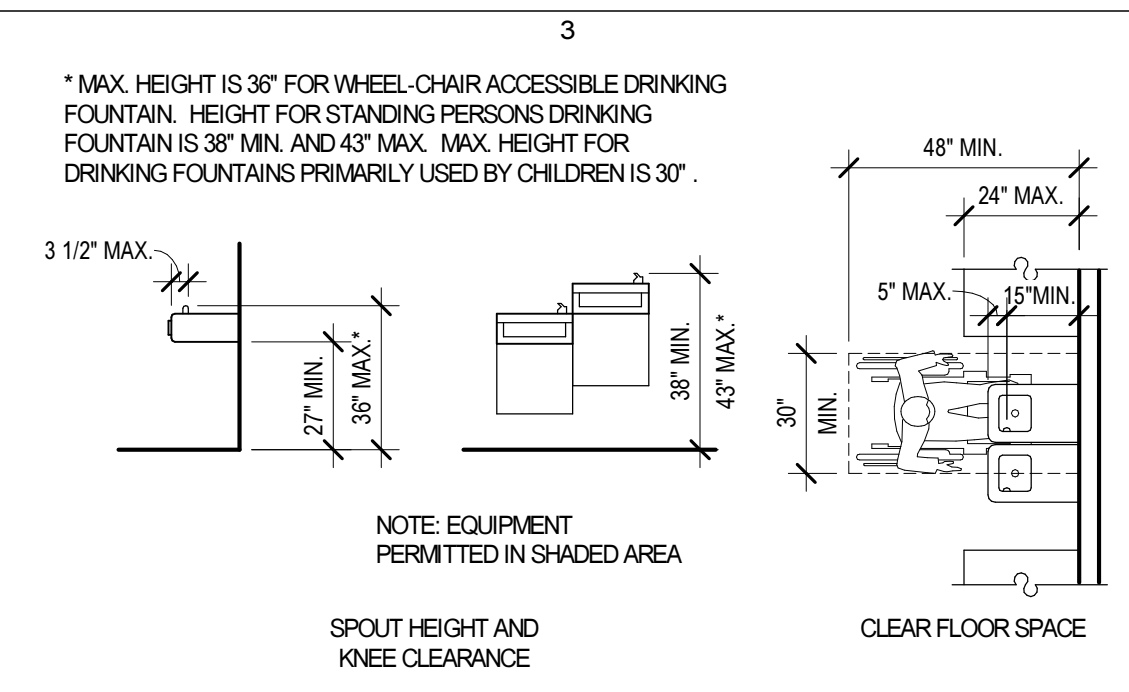
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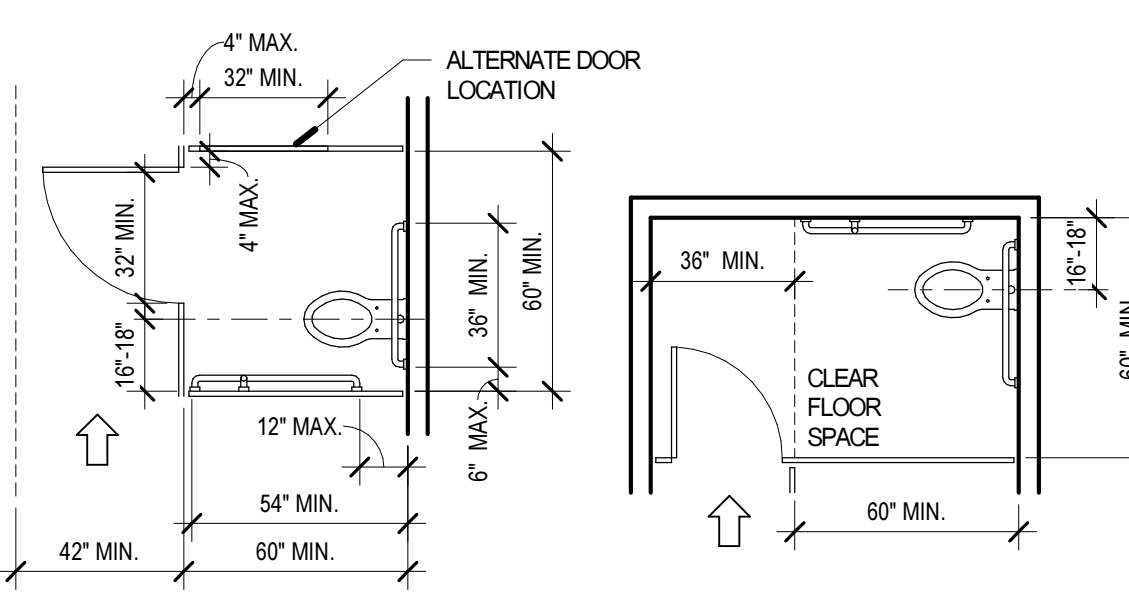
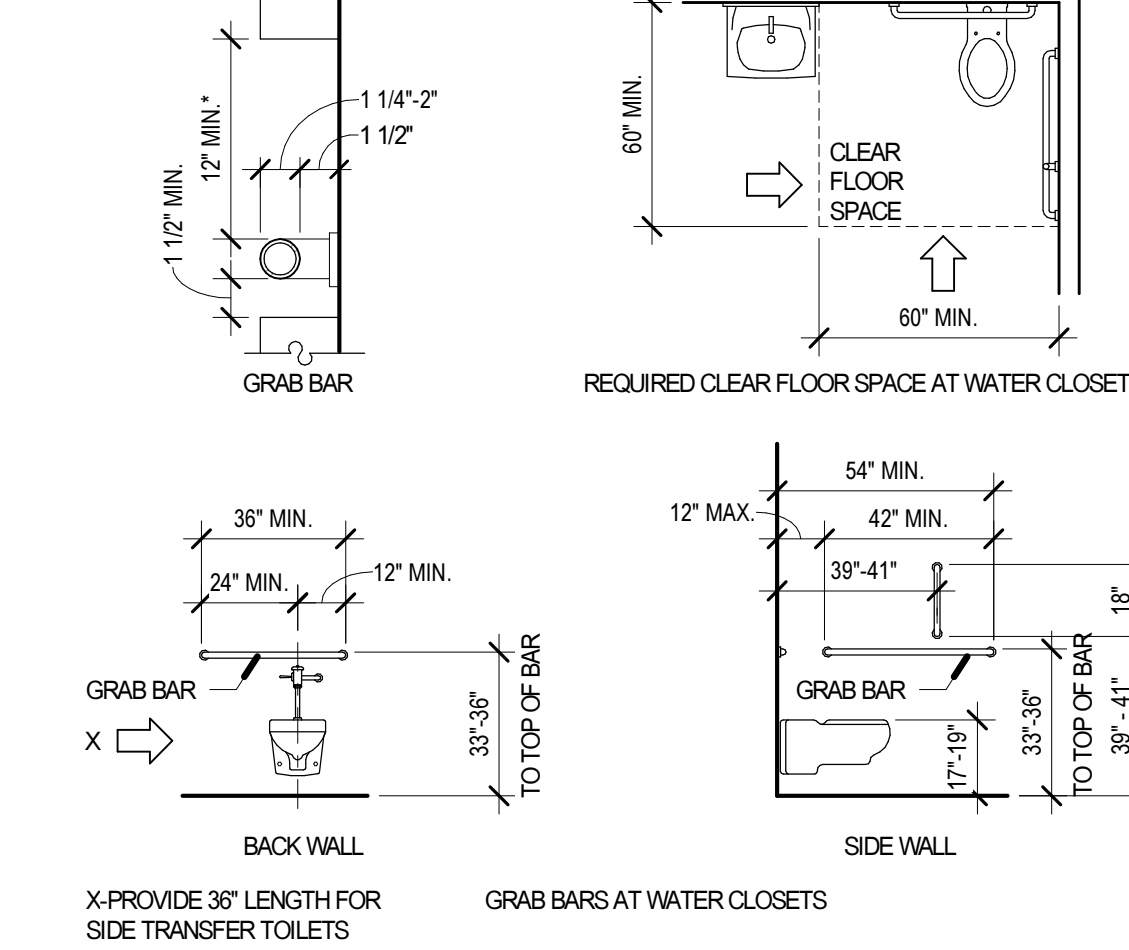
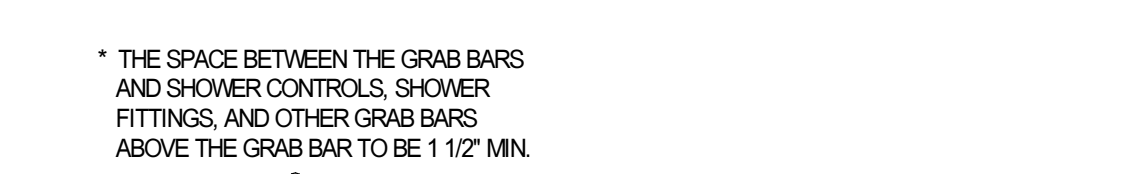
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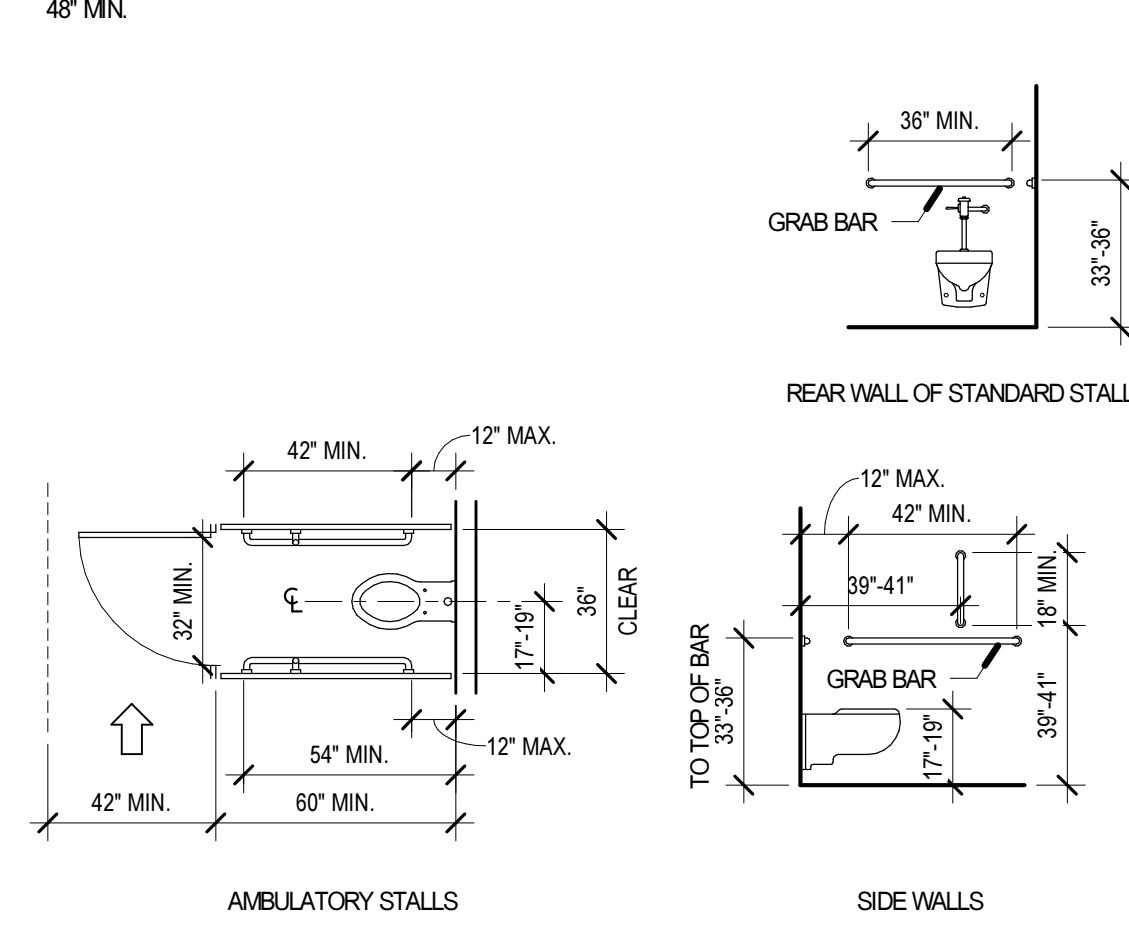
504.5 STAIR NOSINGS



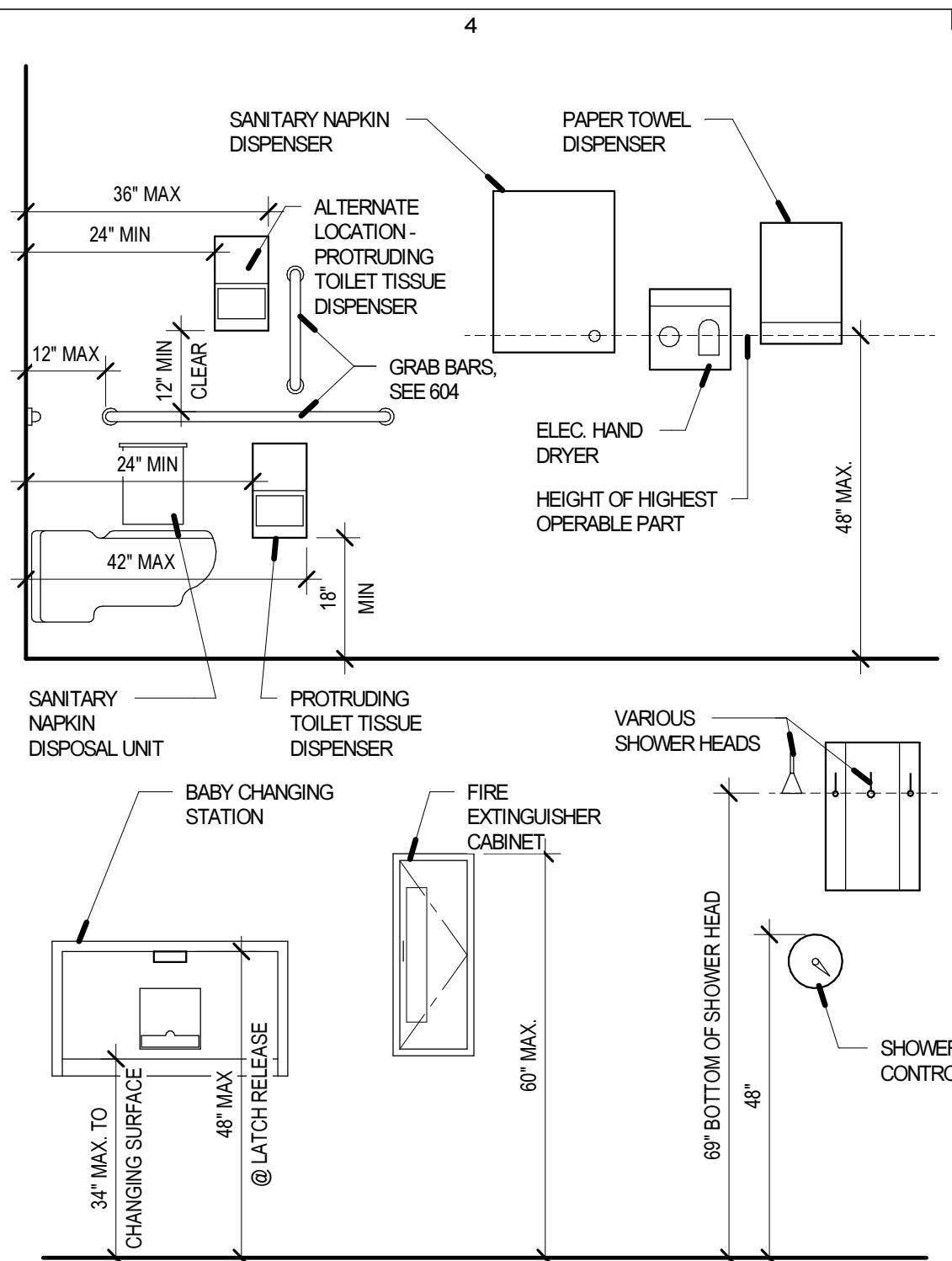
602 DRINKING FOUNTAINS



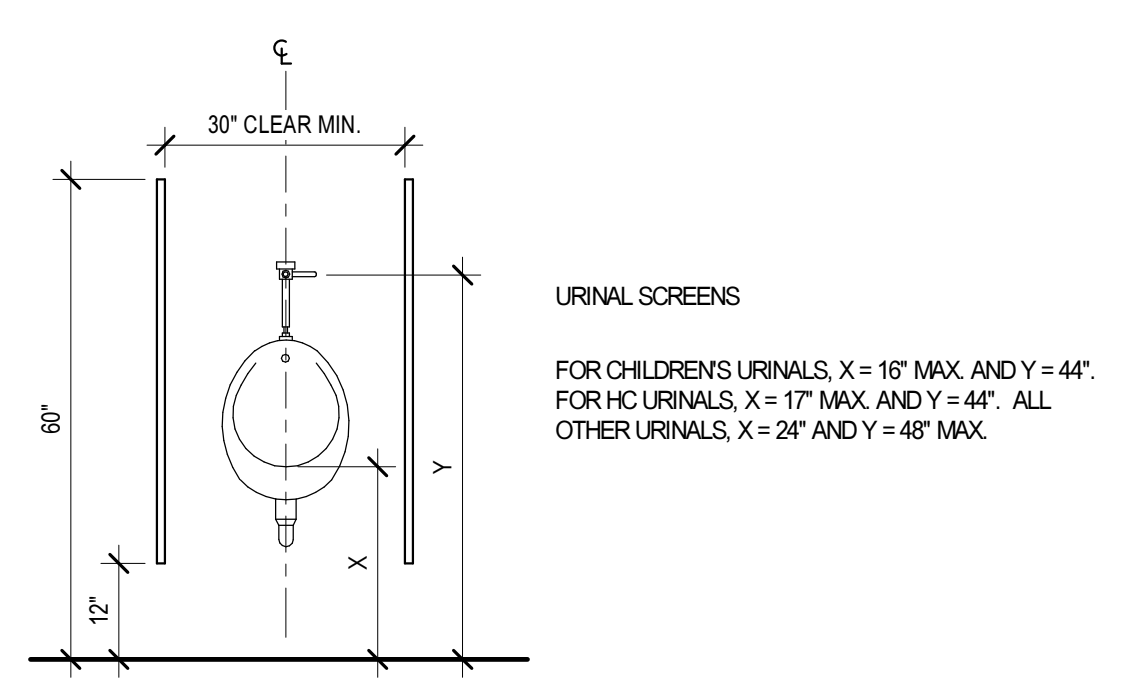
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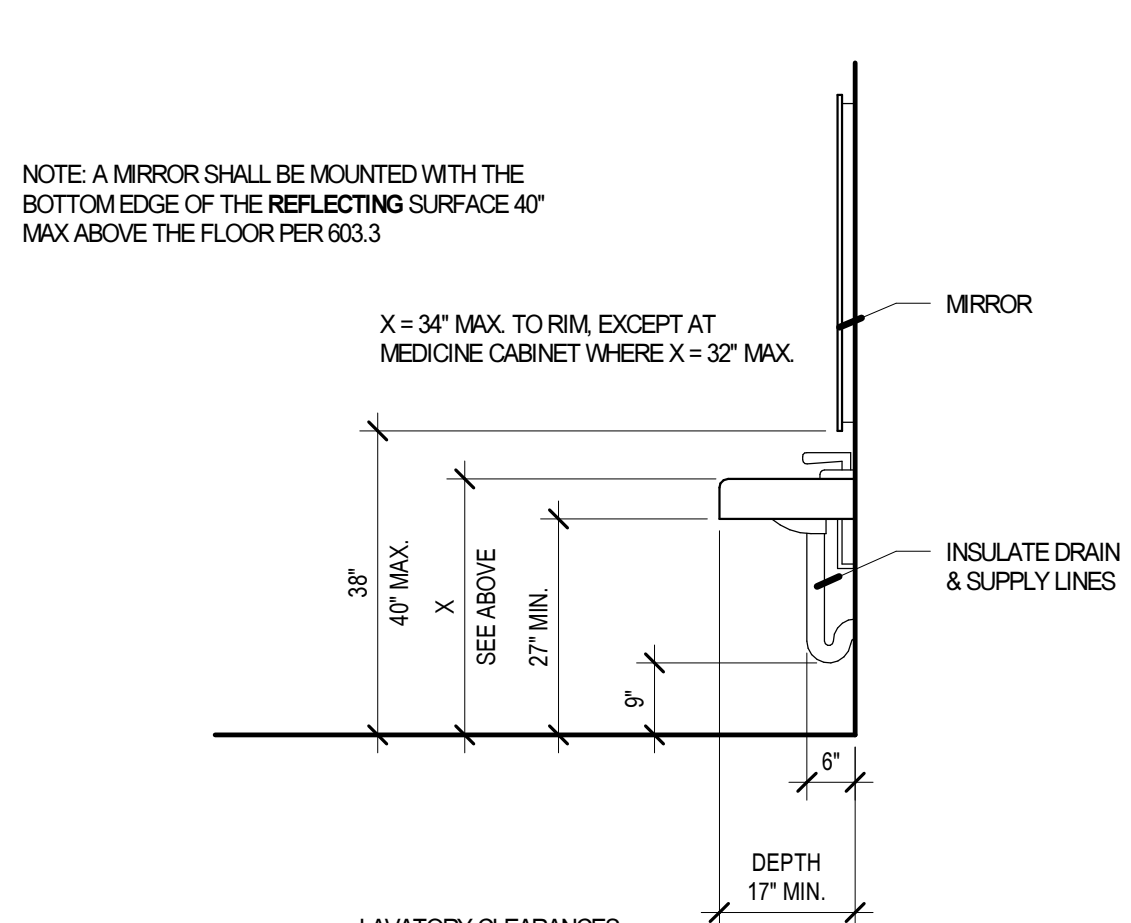
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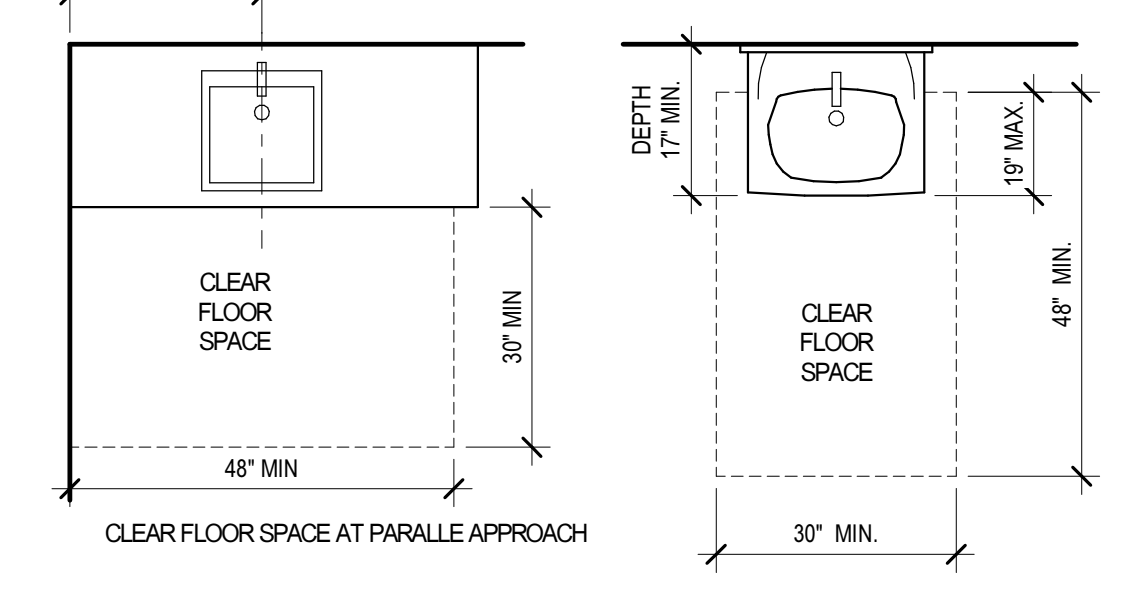
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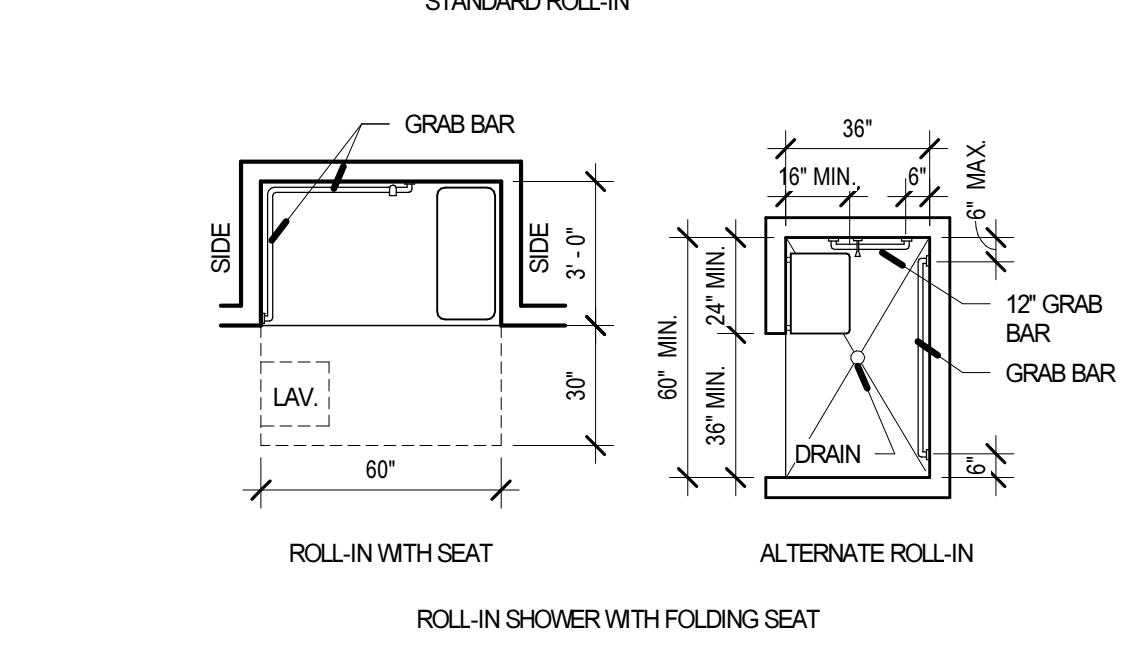
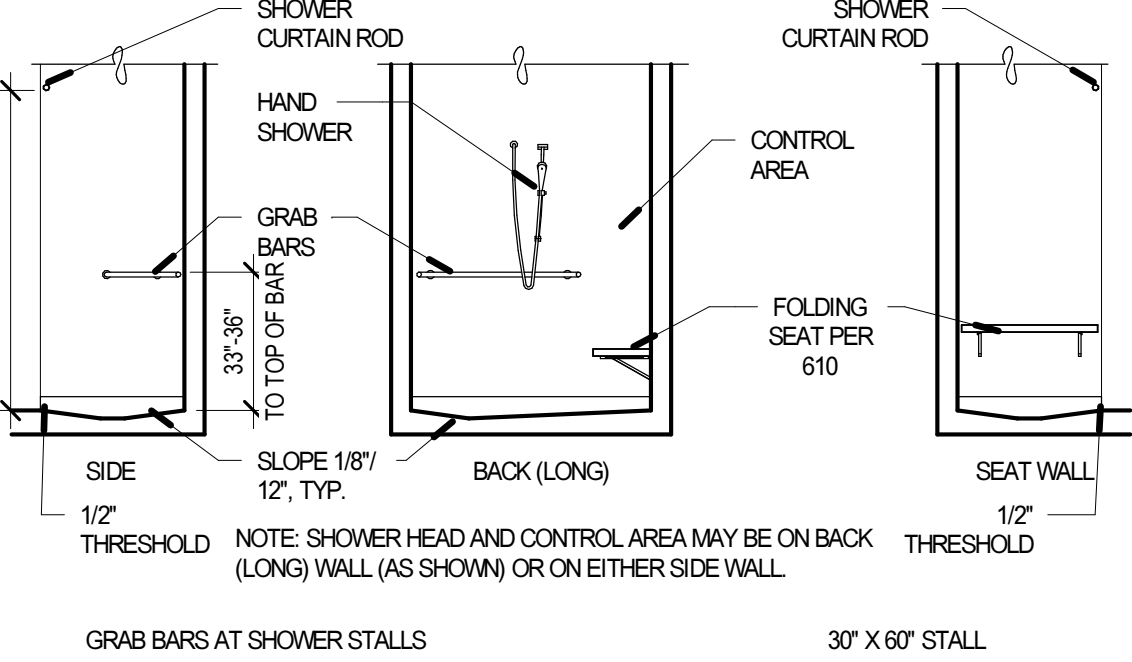
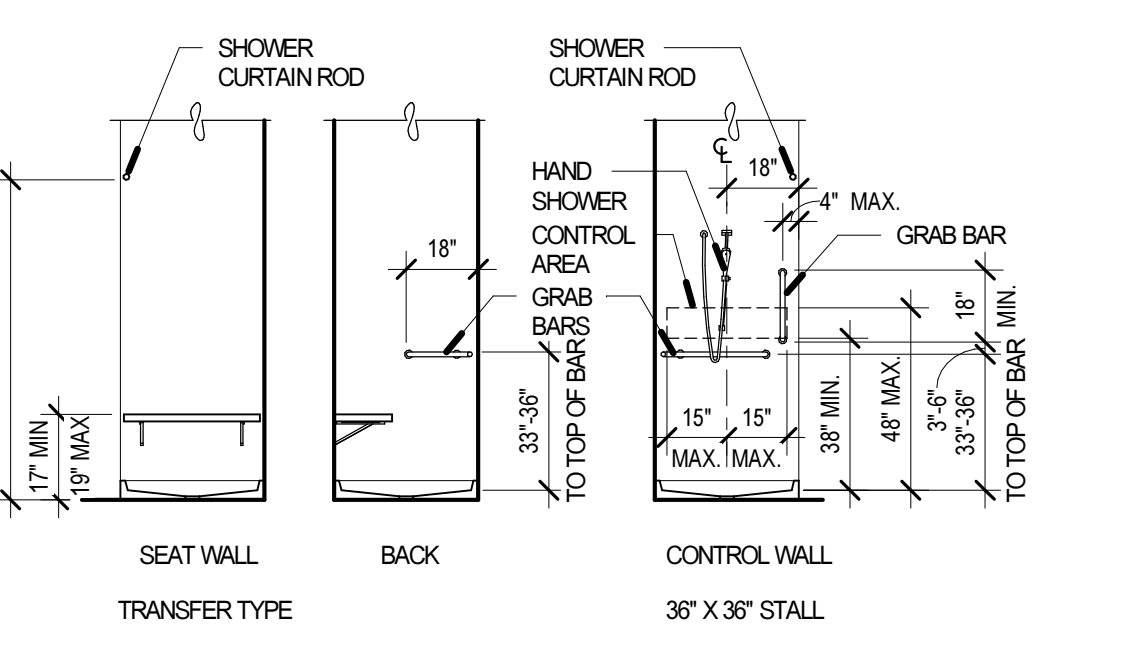
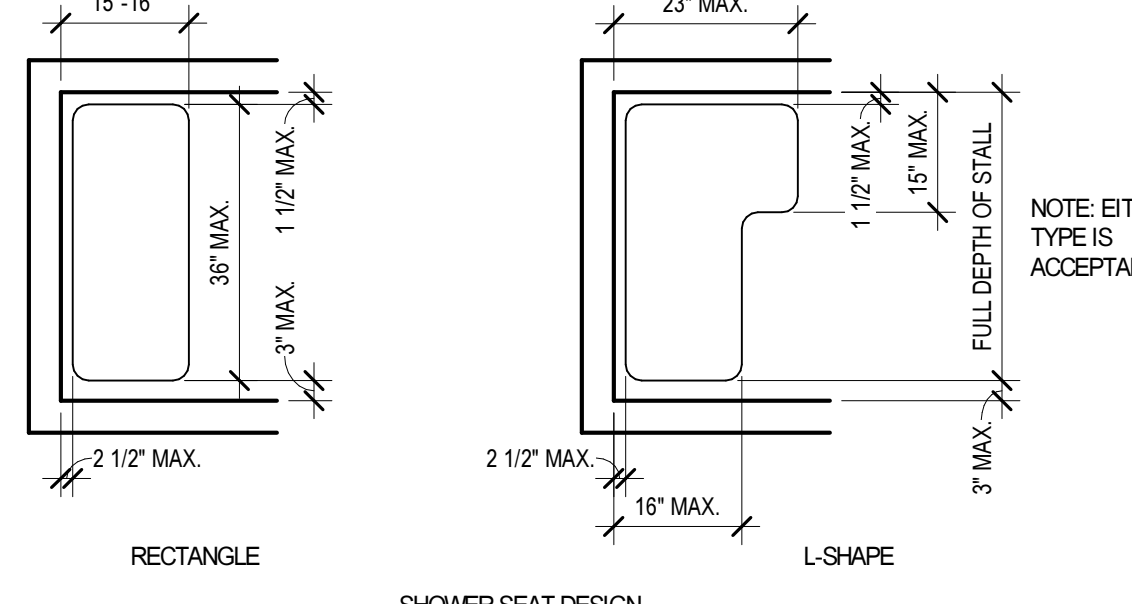
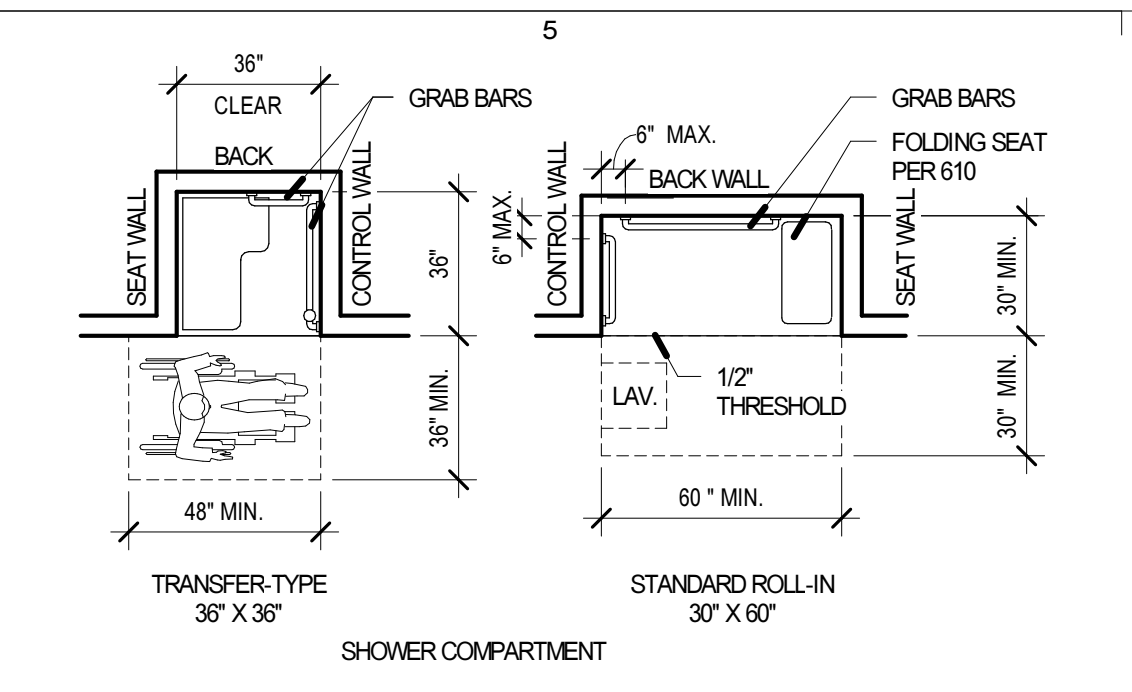
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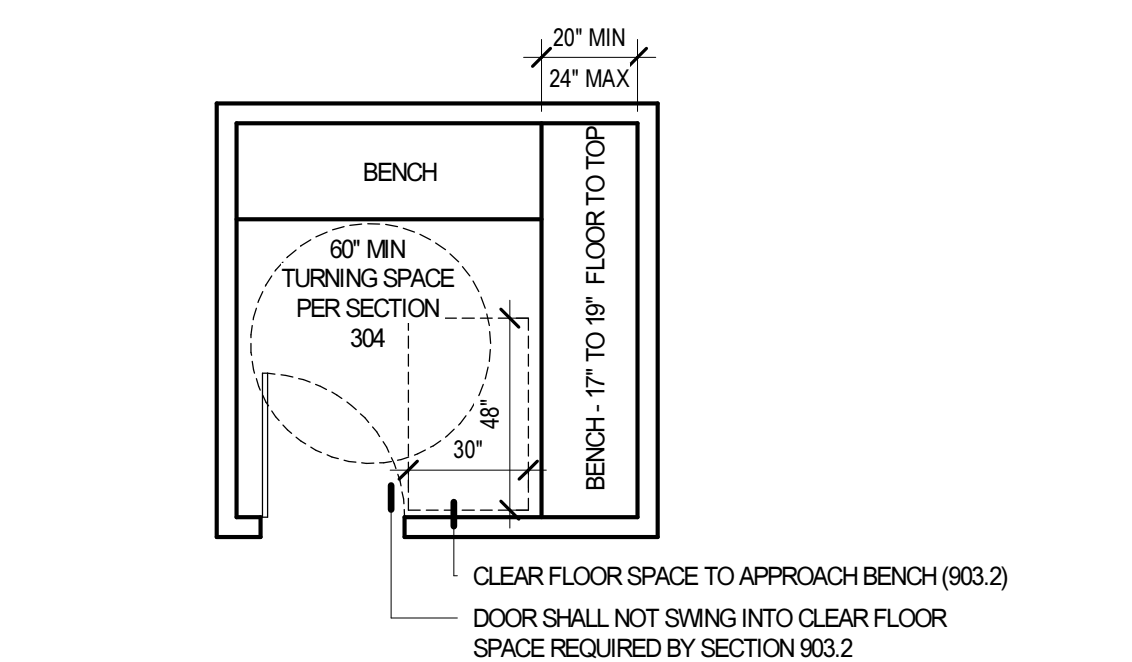
606 LAVATORIES AND SINKS



606 LAVATORIES AND SINKS



608. SHOWER COMPARTMENTS



612 SAUNA AND STEAM ROOMS

| REV | DATE | DESCRIPTION |
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| VCBO NUMBER: | 22015 |
| CLIENT NUMBER: | 00000 |
| DATE: | 2022.10.25 |

KEYED NOTES

- 222.0 REMOVE EXISTING COLUMN SURROUND, RELOCATE ELECTRICAL ITEMS AS NEEDED
- 223.0 REMOVE EXISTING WALL, PATCH AND REPAIR ADJACENT WALLS AS NEEDED
- 224.0 REMOVE EXISTING DOOR AND FRAME, PATCH AND REPAIR ADJACENT WALLS AS NEEDED
- 224.1 REMOVE EXISTING DOOR, FRAME, AND HARDWARE, AND SAVE FOR REINSTALLATION
- 225.0 REMOVE EXISTING CASEWORK, PATCH AND REPAIR ADJACENT WALLS AS NEEDED
- 226.0 REMOVE COPY MACHINE AND SALVAGE TO OWNERS STOCK
- 231.0 EXISTING FLOORING, PROTECT AS NECESSARY, REPAIR AS REQUIRED, CLEAN ALL CARPET, REPLACE ANY STAINED TILES THAT CAN'T BE CLEANED
- 231.1 REMOVE EXISTING CARPET IN SPACE FOR NEW ROOMS, SAVE TILES THAT ARE IN GOOD CONDITION FOR RE-INSTALLATION IN NEW ROOMS
- 232.0 REMOVE EXISTING WINDOW BLINDS, SAVE TO OWNER'S STOCK, PREPARE WINDOW FRAME FOR NEW BLINDS
- 232.1 REMOVE EXISTING WINDOW BLINDS WHERE NECESSARY TO ALLOW FOR NEW PARTITION WALLS, SAVE TO OWNER'S STOCK, PREPARE WINDOW FOR NEW BLINDS
- 233.0 REMOVE EXISTING CORNERGUARD, PATCH AND REPAIR CORNER
- 234.0 REMOVE EXISTING CORNERGUARD AND PORTION OF GYPSUM BOARD AT CORNER, PREPARE WALL FOR NEW FLUSH-MOUNT CORNER GUARD
- 235.0 EXISTING TIME CLOCK, PROTECT DURING DEMOLITION AND CONSTRUCTION
- 237.0 CORE-DRILL CONCRETE FOR NEW POWER AND DATA LOCATIONS, REF SHEET A151.1 FOR LOCATIONS, COORDINATE ACCESS TO 4TH FLOOR CEILING WITH OWNER, PATCH AND REPAIR ANY DAMAGE TO 4TH FLOOR CEILING CAUSED BY THIS WORK, NOTIFY ARCHITECT IMMEDIATELY OF ANY CONFLICTS WITH POKE-THRU LOCATIONS

GENERAL DEMOLITION NOTES

1. THE CONTRACTOR MUST FIELD VERIFY ALL DIMENSIONS AND CONDITIONS INCLUDING EXISTING UTILITIES PRIOR TO BIDDING, AS THE LOCATIONS SHOWN IN THE DOCUMENTS ARE APPROXIMATED, ALL VARIANCES NOT SHOWN IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO BID.
2. CONTRACTOR TO COORDINATE WITH ELECTRICAL AND MECHANICAL PLANS FOR LOCATIONS OF ALL EXISTING AND NEW EQUIPMENT, SYSTEMS, AND DEVICES.
3. AS SOME DEMOLITION WORK WILL BE SPECIFIC TO DIVISION 22, 23, 26 THE CONTRACTOR SHALL CROSS REFERENCE WITH ELECTRICAL AND MECHANICAL PLANS FOR ADDITIONAL DEMOLITION WHICH IS REQUIRED, BUT NOT REFLECTED ON ARCHITECTURAL DRAWINGS.
4. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT THE EXISTING STRUCTURE, FINISHES, AND SITE ELEMENTS NOT CALLED FOR DEMOLITION DURING REMODEL, INCLUDING WALLS, FLOORING MATERIAL, CASEWORK, DOORS, WINDOWS, CEILING, AND SITE.
5. CONTRACTOR MUST COORDINATE WORK HOURS WITH OWNER OR PROJECT REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORK, APPROVAL OF PROPOSED SCHEDULE IS REQUIRED PRIOR TO COMMENCING WORK, CONSTRUCTION RELATED ACTIVITIES SHALL NOT OBSTRUCT THE PROCESS OF DAY TO DAY WORK ON SITE, UNLESS SPECIFICALLY APPROVED IN ADVANCE BY THE PROJECT REPRESENTATIVE, AFTER HOURS OR WEEKEND WORK SHALL BE EMPLOYED TO AVOID ADVERSE IMPACTS TO TENANT EMPLOYEES.
6. ALL EXISTING INTERIOR FINISHES, MATERIALS, STRUCTURE, SYSTEMS, LANDSCAPING, AND UTILITIES, ETC., NOT IDENTIFIED FOR DEMOLITION, THAT ARE DAMAGED DURING THE PROCESS OF CONSTRUCTION, SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR REPLACED TO MATCH AT THE CONTRACTOR'S EXPENSE.
7. ALL EXISTING FIRE RATINGS, AND ASSOCIATED FIRE PROTECTION SYSTEMS (I.E. FIRE SPRINTLERS AND FIRE ALARM SYSTEMS) ARE TO BE MAINTAINED THROUGHOUT CONSTRUCTION, ANY INTERRUPTION TO THESE SYSTEMS SHALL BE COORDINATED WITH THE OWNER AND FIRE MARSHAL'S OFFICE, CONTRACTOR IS RESPONSIBLE FOR ANY FIRE WATCH REQUIREMENTS ASSOCIATED WITH INTERRUPTIONS TO THESE EXISTING SYSTEMS.
8. THE MAINTENANCE OF ADEQUATE FIRE EGRESS FOR OCCUPANTS IN THE EXISTING BUILDING SHALL BE COORDINATED WITH THE OWNER AND FIRE MARSHAL'S OFFICE, CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY WALLS OR ENCLOSURES, EMERGENCY LIGHTS, ETC., FOR THE DURATION OF THE CONSTRUCTION.
9. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL FLOORING, WALLS, MILLWORK, AND CEILING SYSTEMS AS SHOWN ON THE DRAWINGS.
10. CONTRACTOR TO MAINTAIN EXISTING FIRE RATED ELEMENTS IN BUILDING, REPAIR IF DAMAGED.
11. CONTRACTOR TO MAINTAIN ACCESS TO STAIRS DURING CONSTRUCTION, TYP.
12. ALL ADJACENT SURFACES DAMAGED DUE TO WORK UNDER THIS CONTRACT SHALL BE PATCHED AND FINISHED TO MATCH EXISTING ADJACENT SURFACES.
13. CONTRACTOR TO PROVIDE DUSTPROOF ENCLOSURES AT PERIMETER OF AREAS OF CONSTRUCTION AND DEMOLITION FOR PROTECTION OF ADJACENT SPACES.
14. PATCH AND LEVEL EXISTING CONCRETE SLABS AS REQUIRED FOR NEW FINISHES WITH FLOOR LEVELING COMPOUND AS APPROVED BY ARCHITECT.
15. THE GENERAL CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ARCHITECT, FOR IMMEDIATE RESOLUTION, ANY CODE VIOLATIONS, INCORRECT CONSTRUCTIONS, OR SAFETY PROBLEMS THAT ARE EXISTING FIELD CONDITIONS.
16. DO NOT DISTURB EXISTING FIREPROOFING, CONTRACTOR SHALL PATCH/REPAIR ANY FIREPROOFING DAMAGED OR DISTURBED AS A RESULT OF WORK UNDER THIS CONTRACT.
17. USE NORTH ELEVATOR FOR THE DURATION OF THE PROJECT FOR ALL DEMOLITION AND CONSTRUCTION USE.
18. 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.

BUILDING DEMOLITION LEGEND

- - - - - DASHED LINE DENOTES ITEMS TO BE DEMOLISHED
- - - - - HALF-TONED LINE DENOTES EXISTING ITEMS TO REMAIN
- ▨ CEILING AREA TO BE DEMOLISHED
- AREA TO REMAIN UNDISTURBED DURING CONSTRUCTION
- ▨ EXISTING FLOORING TO REMAIN, PROTECT DURING DEMOLITION AND CONSTRUCTION

REV DATE DESCRIPTION

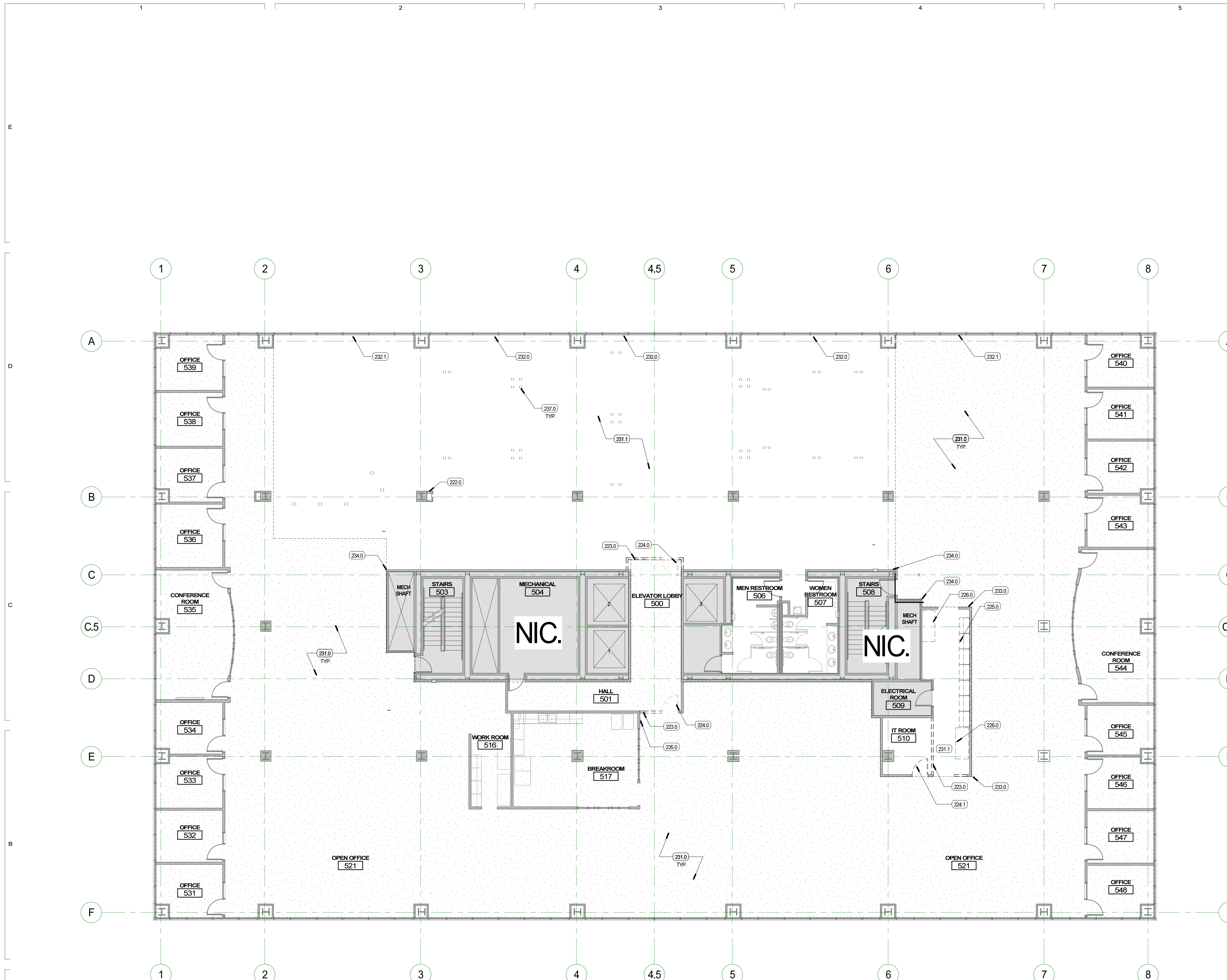
VCBO NUMBER: 22015
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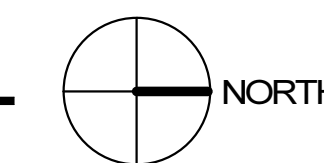
INTERMOUNTAIN HEALTHCARE
VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
MURRAY, UTAH
BID SET

PLAN - DEMOLITION - LEVEL 05

AD151.1



A4 LEVEL 05 - FLOOR PLAN - DEMOLITION
SCALE: 1/8" = 1'-0"



KEYED NOTES

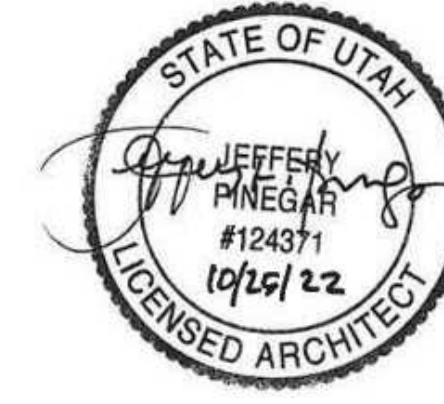
- 227.0 REMOVE EXISTING LAY-IN CEILING TILE AND GRID. SAVE WHAT IS IN GOOD CONDITION TO PATCH AND REPAIR AS NEEDED WHERE NEW AND EXISTING CEILING MEET
- 228.0 REMOVE AND DISPOSE OF EXISTING GYP. BOARD SOFFIT AND FRAMING
- 228.1 REMOVE EXISTING LIGHTING AND SALVAGE TO OWNER'S STOCK. WHERE EXISTING CEILING WILL REMAIN, PATCH AND REPAIR CEILING.
- 229.1 REMOVE EXISTING LIGHT FIXTURE AND SAVE FOR RE-INSTALLATION ON NEW CEILING
- 230.0 PATCH AND REPAIR CEILING WHERE WALLS ARE REMOVED
- 236.0 REMOVE MECHANICAL FIXTURES AND SAVE FOR RE-USE IN NEW CEILING. SEE MECHANICAL DRAWINGS.

GENERAL DEMOLITION NOTES

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6. ALL EXISTING INTERIOR FINISHES, MATERIALS, STRUCTURE, SYSTEMS, LANDSCAPING, AND SITE FEATURES, ETC. NOT IDENTIFIED FOR DEMOLITION, THAT ARE DAMAGED DURING THE PROCESS OF CONSTRUCTION, SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR REPLACED TO MATCH AT THE CONTRACTOR'S EXPENSE.
7. ALL EXISTING FIRE RATINGS, AND ASSOCIATED FIRE PROTECTION SYSTEMS (I.E. FIRE SPRINKLERS AND FIRE ALARM SYSTEMS) ARE TO BE MAINTAINED THROUGHOUT CONSTRUCTION. ANY INTERRUPTION TO THESE SYSTEMS SHALL BE COORDINATED WITH THE OWNER AND FIRE MARSHAL'S OFFICE. CONTRACTOR IS RESPONSIBLE FOR ANY FIRE WATCH REQUIREMENTS ASSOCIATED WITH INTERRUPTIONS TO THESE EXISTING SYSTEMS.
8. THE MAINTENANCE OF ADEQUATE FIRE EGRESS FOR OCCUPANTS IN THE EXISTING BUILDING SHALL BE COORDINATED WITH THE OWNER AND FIRE MARSHAL'S OFFICE. CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY WALLS OR ENCLOSURES, EMERGENCY LIGHTS, ETC., FOR THE DURATION OF THE CONSTRUCTION.
9. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL FLOORING, WALLS, MILLWORK, AND CEILING SYSTEMS AS SHOWN ON THE DRAWINGS.
10. CONTRACTOR TO MAINTAIN EXISTING FIRE RATED ELEMENTS IN BUILDING. REPAIR IF DAMAGED.
11. CONTRACTOR TO MAINTAIN ACCESS TO STAIRS DURING CONSTRUCTION. TYP.
12. ALL ADJACENT SURFACES DAMAGED DUE TO WORK UNDER THIS CONTRACT SHALL BE PATCHED AND FINISHED TO MATCH EXISTING ADJACENT SURFACES.
13. CONTRACTOR TO PROVIDE DUSTPROOF ENCLOSURES AT PERIMETER OF AREAS OF CONSTRUCTION AND DEMOLITION FOR PROTECTION OF ADJACENT SPACES.
14. PATCH AND LEVEL EXISTING CONCRETE SLABS AS REQUIRED FOR NEW FINISHES WITH FLOOR LEVELING COMPOUND AS APPROVED BY ARCHITECT.
15. THE GENERAL CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ARCHITECT, FOR IMMEDIATE RESOLUTION, ANY CODE VIOLATIONS, INCORRECT CONSTRUCTIONS, OR SAFETY PROBLEMS THAT ARE EXISTING FIELD CONDITIONS.
16. DO NOT DISTURB EXISTING FIREPROOFING. CONTRACTOR SHALL PATCH/REPAIR ANY FIREPROOFING DAMAGED OR DISTURBED AS A RESULT OF WORK UNDER THIS CONTRACT.
17. USE NORTH ELEVATOR FOR THE DURATION OF THE PROJECT FOR ALL DEMOLITION AND CONSTRUCTION USE.
18. 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.

BUILDING DEMOLITION LEGEND

- - - - - DASHED LINE DENOTES ITEMS TO BE DEMOLISHED.
- - - - - HALF-TONED LINE DENOTES EXISTING ITEMS TO REMAIN
- ⊗ CEILING AREA TO BE DEMOLISHED
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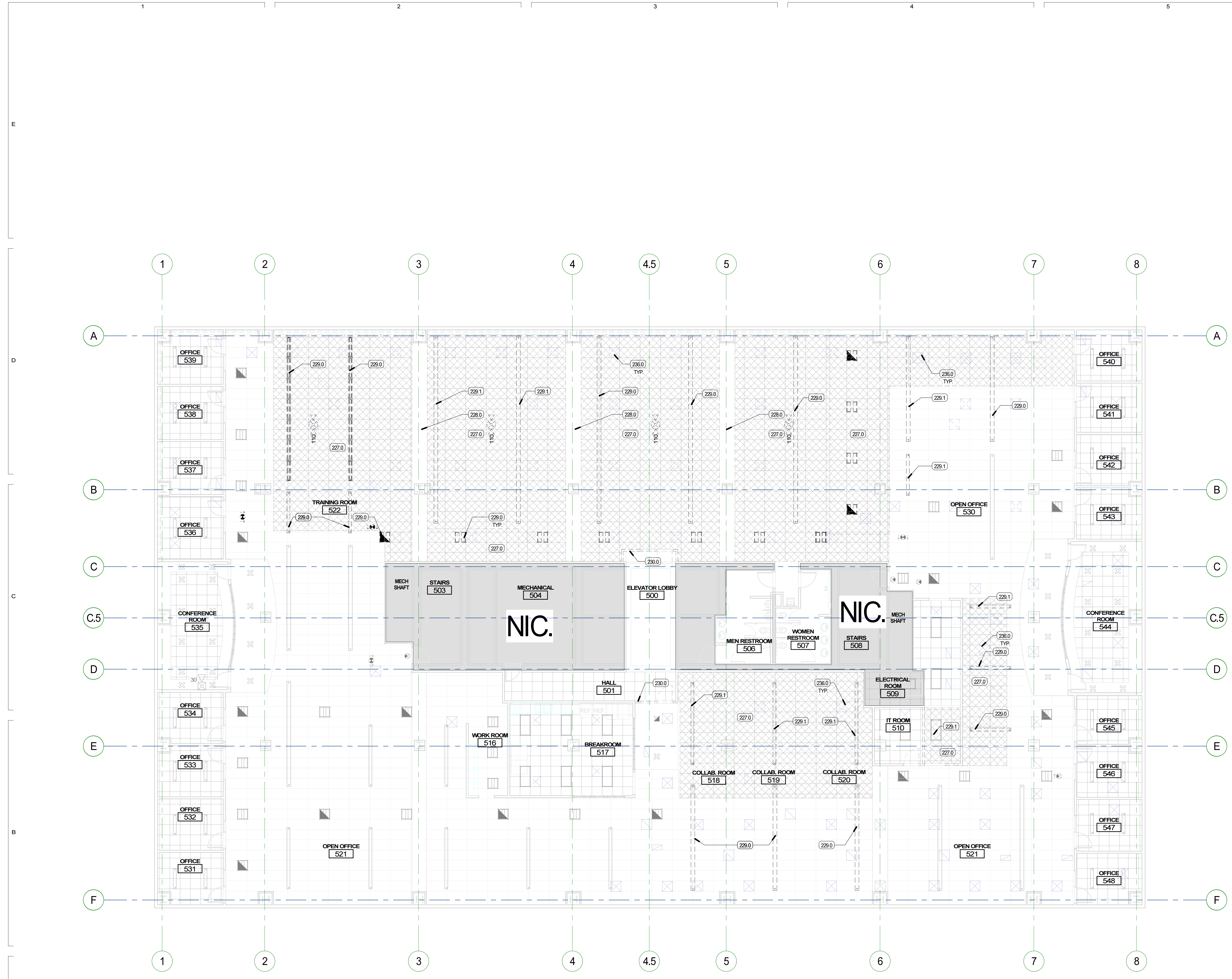


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| VBCO NUMBER: | 22015 |
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 MURRAY, UTAH
 BID SET

REFLECTED CEILING - DEMOLITION - LEVEL 05
AD151.2



A4 LEVEL 05 - REFLECTED CEILING
 PLAN - DEMOLITION
 SCALE: 1/8" = 1'-0" NORTH

- ### GENERAL NOTES
- EXISTING WALLS ARE MEASURED FROM FACE OF WALL (F.O.W.) AND NEW WALLS ARE MEASURED FROM CENTER OF STUD (C.O.S.) UNLESS OTHERWISE NOTED.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW AND COORDINATE THE WORK OF ALL SUB-CONTRACTORS, TRADES AND SUPPLIERS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BEFORE COMMENCING CONSTRUCTION, AND TO ASSURE THAT ALL PARTIES ARE AWARE OF ALL REQUIREMENTS, REGARDLESS OF WHERE THE REQUIREMENTS OCCUR IN THE CONTRACT DOCUMENTS, WHICH MIGHT AFFECT THE WORK OF THAT PARTY.
 - AS PART OF THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE WORK OF ALL SUB-CONTRACTORS, TRADES AND SUPPLIERS, THE CONTRACTOR SHALL ENDEAVOR TO IDENTIFY AND NOTIFY THE ARCHITECT OF ANY CONFLICTS BETWEEN THE WORK OF DIFFERENT PARTIES AT THE EARLIEST POSSIBLE DATE SO AS TO ALLOW REASONABLE AND ADEQUATE TIME FOR THE CONFLICT TO BE RESOLVED WITHOUT DELAYING THE WORK. ALL DEVIATIONS FROM THAT WHICH IS REQUIRED BY THE CONTRACT DOCUMENTS MUST BE APPROVED IN ADVANCE BY THE ARCHITECT.
 - THE ARCHITECTURAL DRAWINGS ESTABLISH AND COORDINATE THE FINISHED APPEARANCE AND EXACT LOCATION OF ALL EXPOSED ELEMENTS OF THE WORK OF ALL THE TRADES, INCLUDING THAT WORK WHICH IS ILLUSTRATED PRIMARILY ON DRAWINGS OF OTHER DISCIPLINES. QUANTITIES ARE TO BE PROVIDED AS SHOWN ON DRAWINGS OF OTHER DISCIPLINES BUT LOCATIONS SHOWN ON OTHER DRAWINGS ARE SCHEMATIC, UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS. THE ARCHITECTURAL DRAWINGS TAKE PRECEDENCE FOR THE FINISHED APPEARANCE AND EXACT LOCATION OF ALL PARTS OF THE WORK.
 - 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.
 - CONTRACTOR TO FOLLOW ANSI 117.1-2003 AS REPRESENTED ON SHEET G300 FOR ACCESSIBILITY GUIDELINES. NOTIFY ARCHITECT IF THE DESIGN DRAWINGS CONFLICT WITH THIS SHEET.
 - SEE SHEET A500 FOR PARTITION TYPES, & GENERAL NOTES
 - SEE SHEET A600 FOR WINDOW AND DOOR TYPES & NOTES
 - ALL CHANGES IN FLOOR MATERIAL OCCUR AT CENTERLINE OF DOOR OR FRAMED OPENING UNLESS NOTED OTHERWISE.
 - PROVIDE BLOCKING FOR ALL CASEWORK, CABINETS & OPEN SHELVING SHOWN ON THE DRAWINGS OR SUPPLIED BY OTHERS.
 - USE THE NORTH ELEVATOR FOR THE DURATION OF THE PROJECT FOR ALL DEMOLITION & CONSTRUCTION USE.

KEY FOR PARTITION TYPES

DENOTES TYPE OF CONSTRUCTION (SPEC. DIVISION)

| | |
|------------|-------------|
| 3X0 SERIES | CONCRETE |
| 4X0 SERIES | MASONRY |
| 6X0 SERIES | WOOD STUDS |
| 9X0 SERIES | METAL STUDS |

NOMINAL SIZES: V = VARIABLE/MATCH-EXISTING

| | |
|--------------------|--|
| 2 = 2x4 WOOD STUDS | 4 = 2x4 WOOD STUDS / 4" |
| C.M.U. | 6 = 2x6 WOOD STUDS / 6" |
| C.M.U. | 8 = 2x8 WOOD STUDS / 8" |
| C.M.U. | 10 = 2x10 WOOD STUDS / 10" C.M.U. OR CONC. |
| C.M.U. | 12 = 2x12 WOOD STUDS / 12" C.M.U. OR CONC. |

NOTE: SEE GENERAL NOTES BELOW FOR ADDITIONAL ELEMENTS IN THE INDIVIDUAL WALL TYPES AND SPECIFIC DETAILS, INCLUDING UL RATINGS.

RATED WALL LEGEND

| | |
|----------------------|---|
| INCIDENTAL USE AREAS | EXAMPLE: WALL TYPE 6A4-1 IS A ONE HOUR RATED, 2x4 WOOD STUD WALL WITH 5/8" GYPSUM BOARD ON BOTH SIDES, PER ASSEMBLY REQUIREMENTS. |
| 1 HOUR SEPARATION | |
| 2 HOUR SEPARATION | |
| 3 HOUR SEPARATION | |

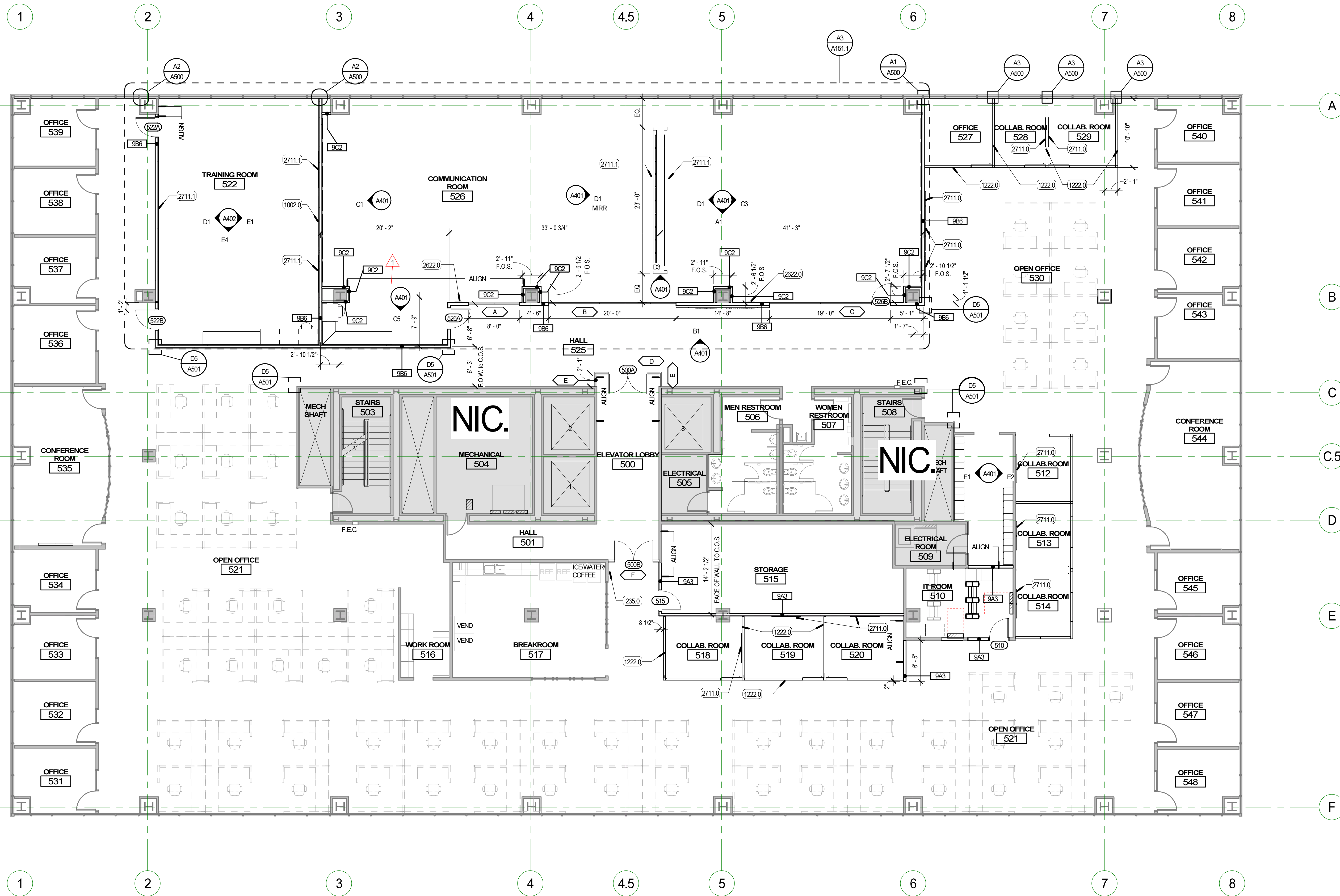
6X0-R SERIES
FIRE RATING (ONLY WHEN NOTED):
1 = 1 HOUR RATED ASSEMBLY
2 = 2 HOUR RATED ASSEMBLY
3 = 3 HOUR RATED ASSEMBLY

- ### KEYED NOTES
- 235.0 EXISTING TIME CLOCK. PROTECT DURING DEMOLITION AND CONSTRUCTION
 - 1002.0 WALL MOUNTED GLASS MARKER BOARD, BY OWNER (THROUGH MIDWEST OFFICE FURNITURE). CONTRACTOR TO PROVIDE BLOCKING
 - 1222.0 DEMOUNTABLE PARTITIONS. SEE VENDOR DRAWINGS FOR DIMENSIONS AND DETAILS
 - 2622.0 CLOCK, ETHERNET POWERED AND CONTROLLED
 - 2623.0 POWER POKE-THRU. SEE ELECTRICAL
 - 2624.0 DATA POKE-THRU. SEE ELECTRICAL
 - 2711.0 WALL MOUNTED VIDEO MONITOR, BY OWNER
 - 2711.1 WALL MOUNTED VIDEO MONITOR. SEE ELECTRICAL DRAWINGS

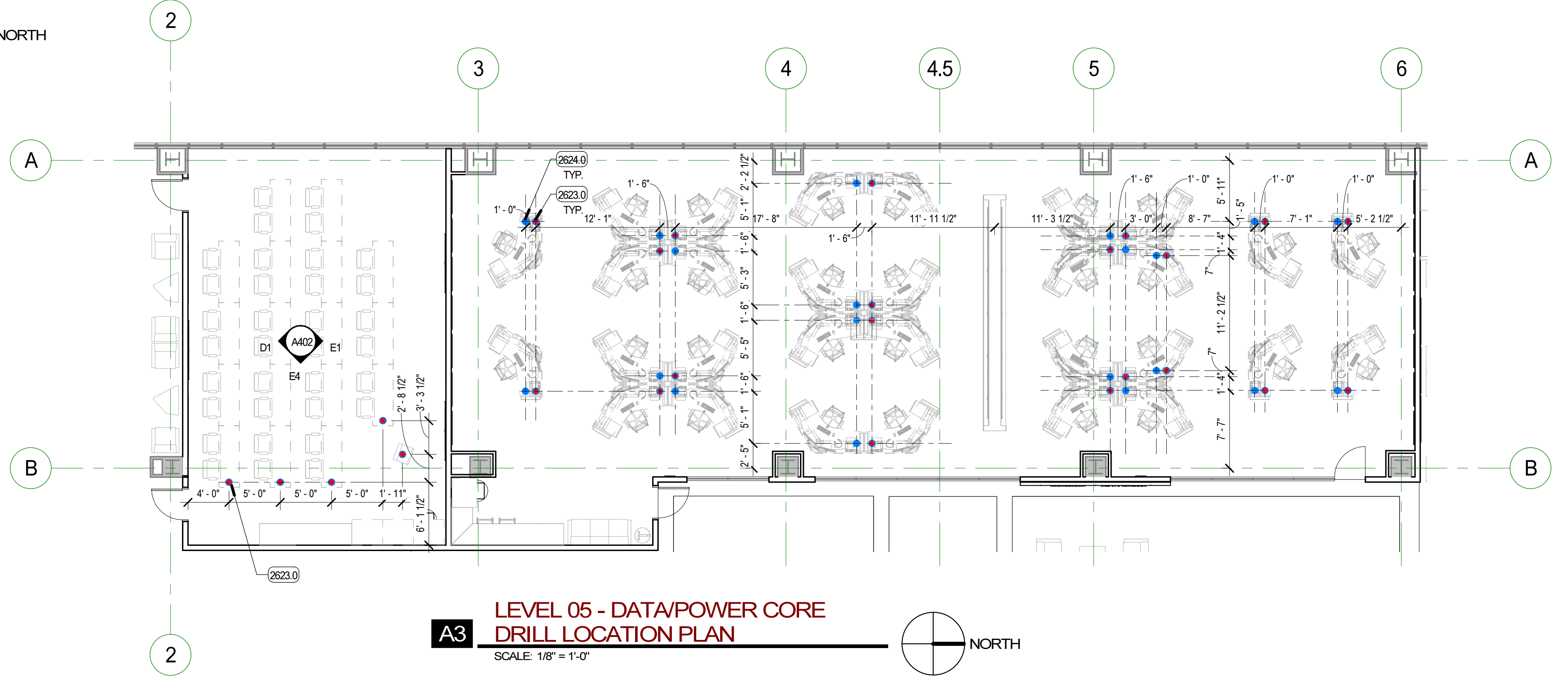


| REV | DATE | DESCRIPTION |
|-----|----------|-------------|
| 1 | 11-02-22 | ADDENDUM #1 |

VCBO NUMBER: 22015
CLIENT NUMBER: 00000
DATE: 2022.10.25



B1 LEVEL 05 - FLOOR PLAN - ANNOTATED & DIMENSION
SCALE: 1/8" = 1'-0"
NORTH



A3 LEVEL 05 - DATA/POWER CORE DRILL LOCATION PLAN
SCALE: 1/8" = 1'-0"
NORTH

CLASSIC AIR - VCT 5TH FLOOR REMODEL
INTERMOUNTAIN HEALTHCARE
VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
MURRAY, UTAH
BID SET

CEILING LEGEND

- A- SUSPENDED 2' X 2' ACOUSTICAL LAY-IN TILE CEILING
- B- SUSPENDED 2' X 4' ACOUSTICAL LAY-IN TILE CEILING
- C- SUSPENDED 5/8" GYP. BD. CEILING SYSTEM - (1 LAYER) PAINTED
- E- EXISTING CEILING TO REMAIN- CONSTRUCTION VARIES

CEILING SYMBOLS

- ELECTRICAL**
- 2'X4' FLUORESCENT FIXTURE
 - 2'X2' FLUORESCENT FIXTURE
 - LINEAR LED FIXTURE
 - LINEAR LIGHT FIXTURE - NEW SHALL MATCH EXISTING
 - ⊗ EXIT SIGN, SINGLE-SIDED
 - ⊗ EXIT SIGN, DOUBLE-SIDED
 - F FIRE ALARM
 - S SPEAKER
 - P SMOKE DETECTOR
 - W WIRELESS INTERNET
- MECHANICAL**
- ⊗ SUPPLY GRILLE
 - ⊗ RETURN GRILLE
 - ⊗ EXHAUST GRILLE
 - LINEAR DIFFUSER
 - ⊙ SPRINKLER HEAD - CEILING MOUNT
 - SPRINKLER HEAD - WALL MOUNT

DRAWING SYMBOLS

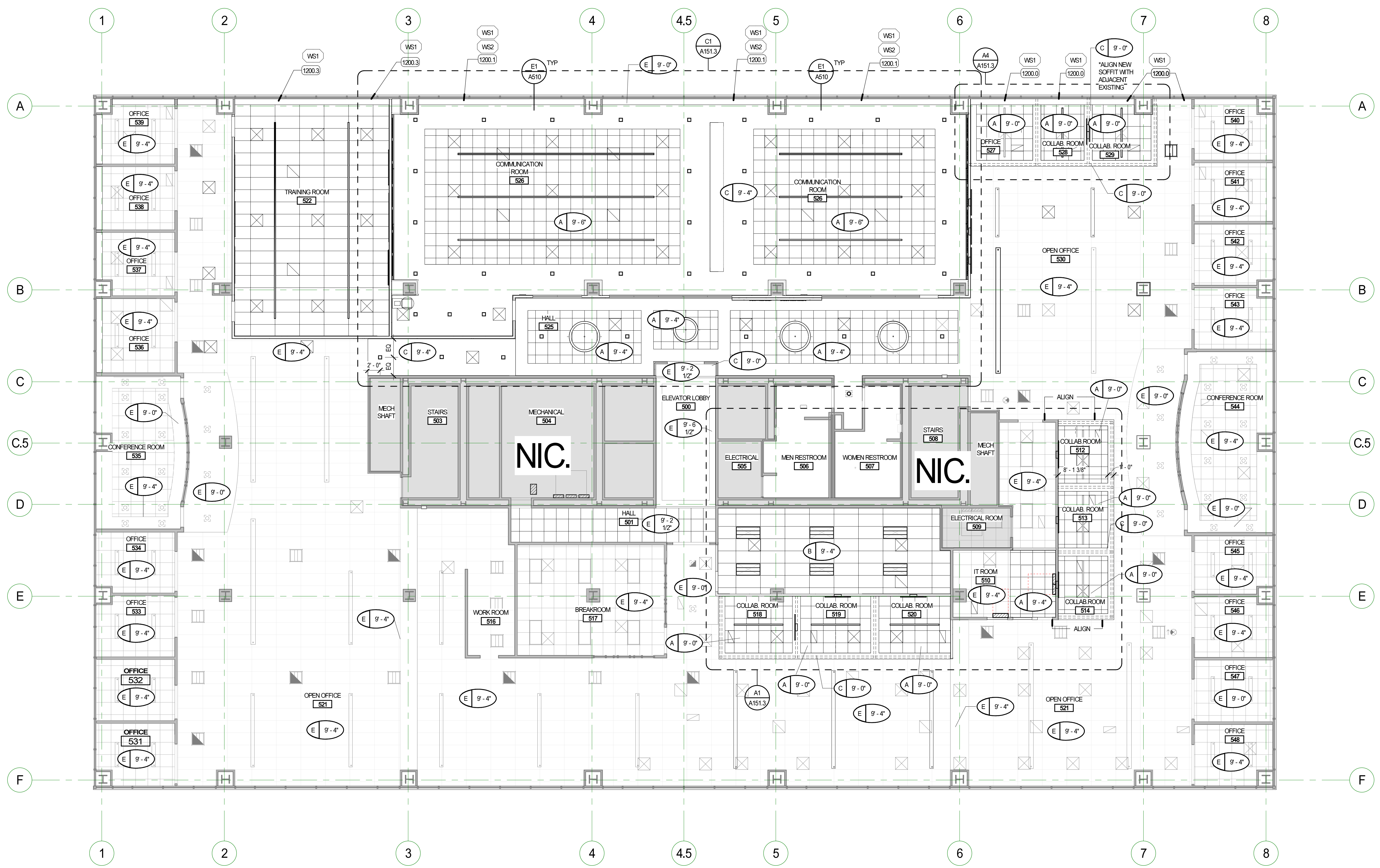
- CEILING TAG**
- ⊗ X-X CEILING TYPE
 - ⊗ CEILING HEIGHT
 - WSX WINDOW SHADE TYPE - SEE FINISH SCHEDULE FOR MORE INFORMATION

GENERAL CEILING NOTES

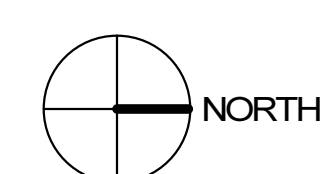
1. REFER TO DETAIL 05 & 05/A510 FOR TYPICAL CEILING SUSPENSION & SEISMIC BRACING
2. GRID SUSPENSION SYSTEMS SHALL BE CENTERED WITHIN AREAS INDICATED, UNLESS NOTED OTHERWISE
3. PAINT ALL EXPOSED STRUCTURE, MECHANICAL DUCTS, ELECTRICAL WORK, PIPING, ETC.
4. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF MECHANICAL GRILLES, AND TO MECHANICAL DRAWINGS FOR QUANTITIES AND TYPES
5. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF LIGHT FIXTURES AND TO ELECTRICAL DRAWINGS FOR QUANTITY AND TYPES
6. MECHANICAL AND ELECTRICAL CONTRACTORS TO COORDINATE WORK WITH SPRINKLER CONTRACTOR TO AVOID CONFLICTS IN FIELD
7. ALL SPRINKLER HEADS IN COMMUNICATION ROOM 525 AND HALL 525 TO BE FULLY CONCEALED TYPE
8. ALL CEILING HEIGHTS ARE ELEVATION ABOVE TOP OF CONCRETE FLOOR SLAB
9. PAINT ALL NEW AND EXISTING SOFFITS P4
10. WHERE NEW CEILINGS MEET EXISTING, PATCH & REPAIR AS NEEDED. RETAIN EXISTING TILES AND REUSE WHERE POSSIBLE. ADD NEW CEILING GRID & TILES AS NECESSARY.

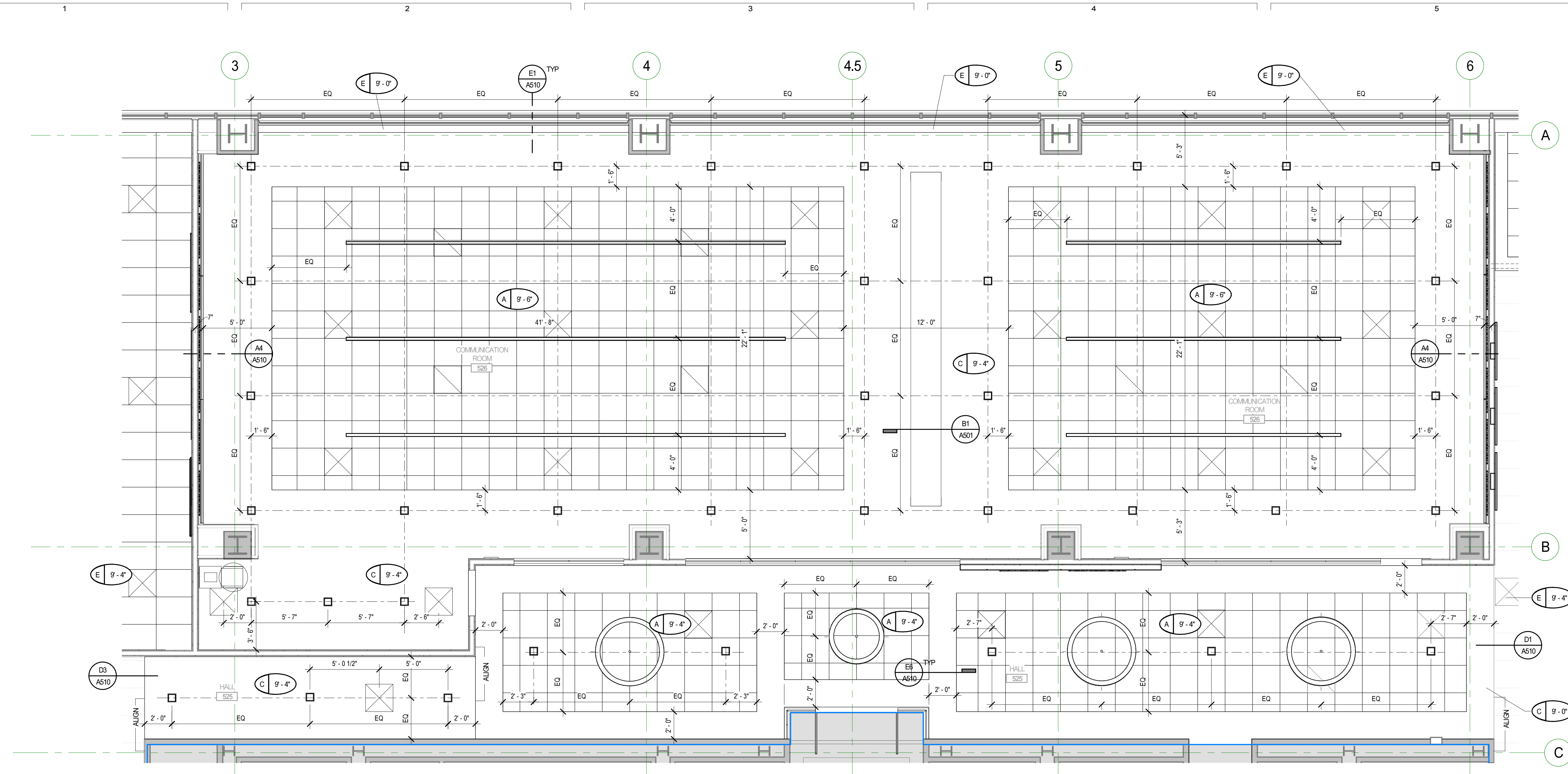
KEYED NOTES

- 1200.0 MANUAL ROLLER SHADES. 3% OPEN FABRIC. BREAK AT WINDOW MULLIONS, TYP
- 1200.1 MOTORIZED DUAL SHADE ROLLER SHADES. 3% OPEN SHADE WITH BLACKOUT SHADE BEHIND. BREAK AT WINDOW MULLIONS, TYP
- 1200.3 MOTORIZED ROLLER SHADES. 3% OPEN FABRIC. BREAK AT WINDOW MULLIONS, TYP

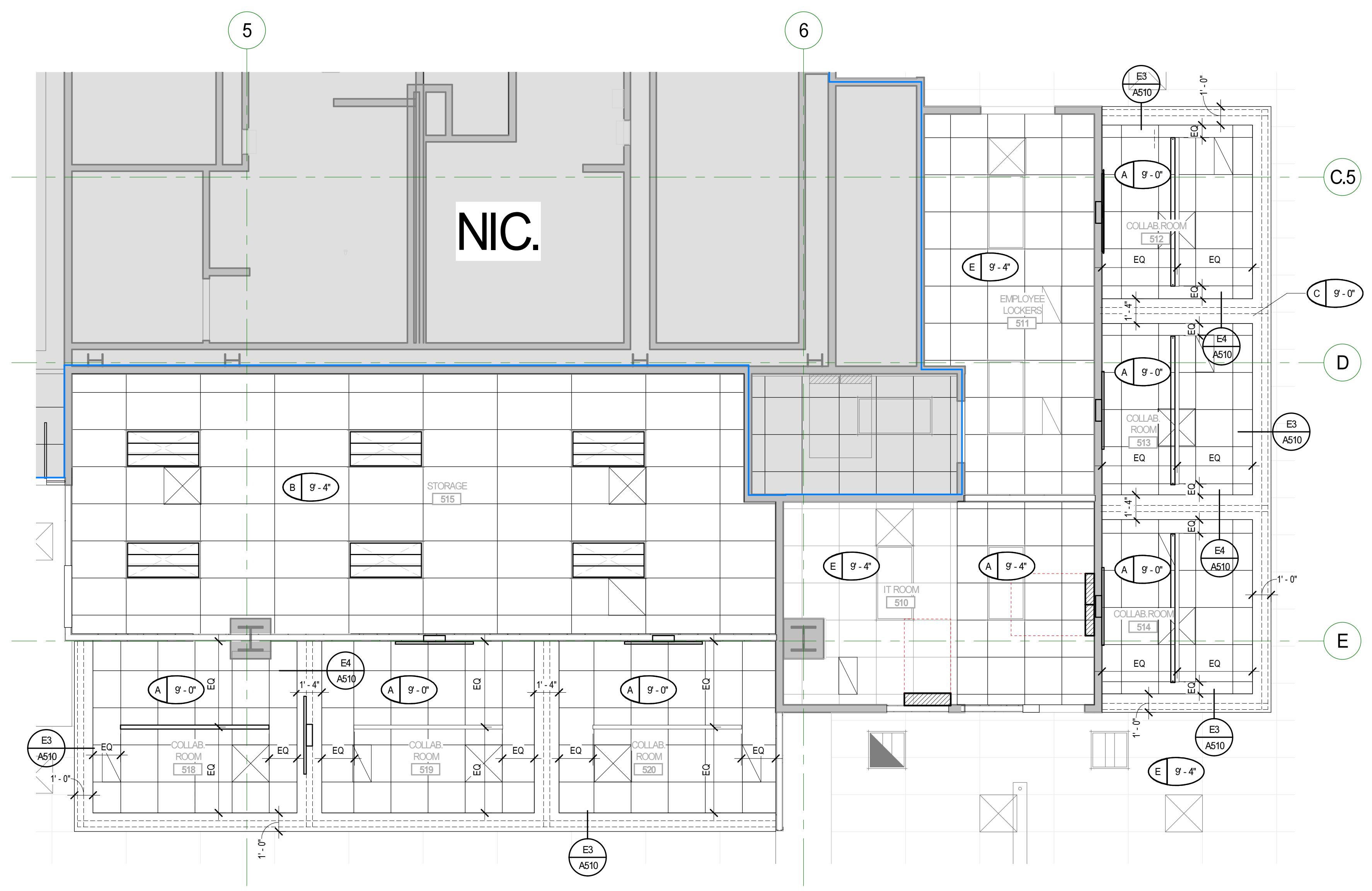
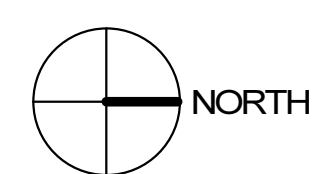


A4 LEVEL 05 - REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

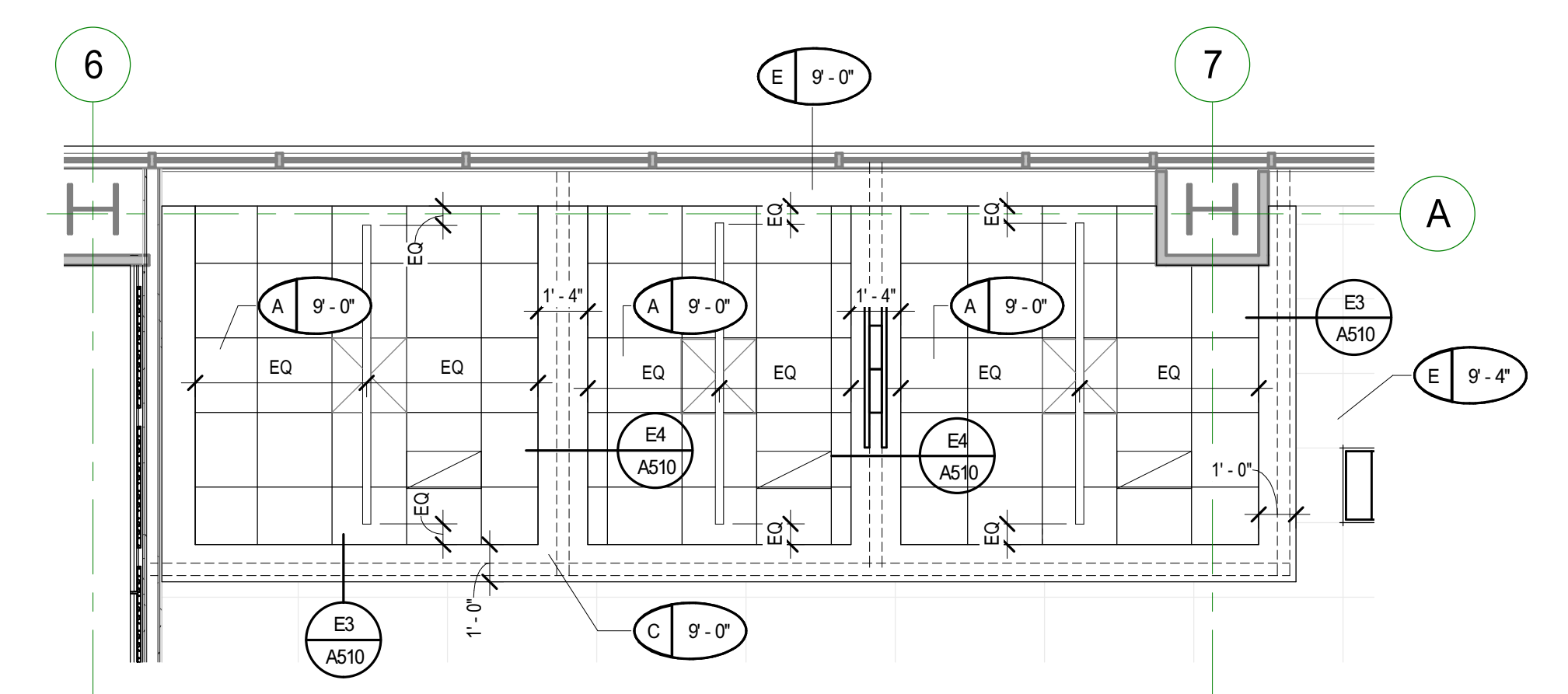
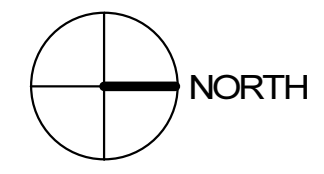




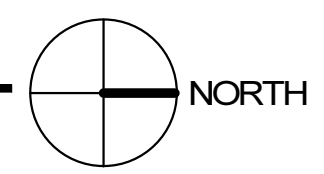
C1 ENLARGED RCP - AREA A
SCALE: 1/4" = 1'-0"



A1 ENLARGED RCP - AREA C
SCALE: 1/4" = 1'-0"



A4 ENLARGED RCP - AREA B
SCALE: 1/4" = 1'-0"



CEILING LEGEND

- A- SUSPENDED 2' X 2' ACOUSTICAL LAY-IN TILE CEILING
- B- SUSPENDED 2' X 4' ACOUSTICAL LAY-IN TILE CEILING
-
-

CEILING SYMBOLS

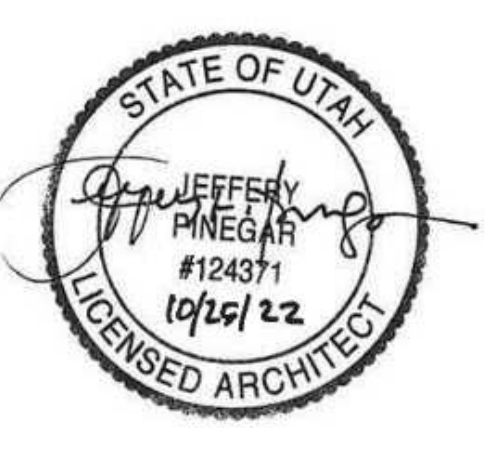
- ELECTRICAL**
- 2X4 FLUORESCENT FIXTURE
 - 2X2 FLUORESCENT FIXTURE
 - LINEAR LED FIXTURE
 - LINEAR LIGHT FIXTURE - NEW SHALL MATCH EXISTING
 - EXIT SIGN, SINGLE-SIDED
 - EXIT SIGN, DOUBLE-SIDED
 - FIRE ALARM
 - SPEAKER
 - SMOKE DETECTOR
 - WIRELESS INTERNET
- MECHANICAL**
- SUPPLY GRILLE
 - RETURN GRILLE
 - EXHAUST GRILLE
 - LINEAR DIFFUSER
 - SPRINKLER HEAD - CEILING MOUNT
 - SPRINKLER HEAD - WALL MOUNT

DRAWING SYMBOLS

- CEILING TAG**
- CEILING TYPE
CEILING HEIGHT
 - WINDOW SHADE TYPE - SEE FINISH SCHEDULE FOR MORE INFORMATION

GENERAL CEILING NOTES

1. REFER TO DETAIL CS & CS/A510 FOR TYPICAL CEILING SUSPENSION & SEISMIC BRACING
2. GRID SUSPENSION SYSTEMS SHALL BE CENTERED WITHIN AREAS INDICATED, UNLESS NOTED OTHERWISE
3. PAINT ALL EXPOSED STRUCTURE, MECHANICAL, DUCTS, ELECTRICAL WORK, PIPING, ETC.
4. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF MECHANICAL GRILLES AND TO MECHANICAL DRAWINGS FOR QUANTITIES AND TYPES
5. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF LIGHT FIXTURES AND TO ELECTRICAL DRAWINGS FOR QUANTITY AND TYPES
6. MECHANICAL AND ELECTRICAL CONTRACTORS TO COORDINATE WORK WITH SPRINKLER CONTRACTOR TO AVOID CONFLICTS IN FIELD
7. ALL SPRINKLER HEADS IN COMMUNICATION ROOM 526 AND HALL 525 TO BE FULLY CONCEALED TYPE
8. ALL CEILING HEIGHTS ARE ELEVATION ABOVE TOP OF CONCRETE FLOOR SLAB
9. PAINT ALL NEW AND EXISTING SOFFITS P4
10. WHERE NEW CEILINGS MEET EXISTING, PATCH & REPAIR AS NEEDED. RETAIN EXISTING TILES AND REUSE WHERE POSSIBLE. ADD NEW CEILING GRID & TILES AS NECESSARY.



| REV | DATE | DESCRIPTION |
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VCBO NUMBER: 22015
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CLASSIC AIR - VCT 5TH FLOOR REMODEL
INTERMOUNTAIN HEALTHCARE
VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
MURRAY, UTAH
BID SET



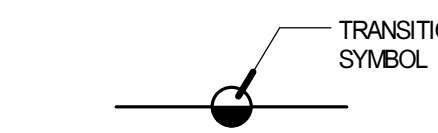
| FINISH LEGEND | | | | | |
|----------------------|-------------------------------------|----------------------|---|---|--|
| MARK | DESCRIPTION | MANUFACTURER | STYLE | COLOR | NOTES |
| FLOOR | | | | | |
| E | EXISTING CARPET TO REMAIN | SHAW CONTRACT | MIRROR IMAGE TILE 59466 | CAFE HIGHLIGHTS | SALVAGE TILES WHERE CARPET IS BEING REPLACED AND USE THE BEST TILES TO REPLACE WORN OR DAMAGED CARPET TILE FOR A CONSISTENT LOOK |
| F1 | GENERAL CARPET | SHAW CONTRACT | TIMELESS PRISMA TILE 42M6C | CAFE HIGHLIGHTS 63309 | 24' X 24' MONOLITHIC INSTALL |
| F2 | ACCENT CARPET | SHAW CONTRACT | TRU COLOURS TILE 59368 | PORTABELLA | 24' X 24' MONOLITHIC INSTALL |
| F3 | STATIC DISSIPATIVE VINYL FLOOR | FLEXCO FLOORS | DELANE ESD VINYL | STEEL GRAY 48 | MATCH EXISTING TILE SIZE - KEEP EXISTING TILE AND ADD NEW WHERE NEEDED IF FEASIBLE, OTHERWISE REPLACE ENTIRE FLOOR |
| BASE | | | | | |
| B1 | RUBBER BASE | ROPPE | WALL BASE 4" TOELESS | 193 BLACK BROWN | TO MATCH EXISTING |
| B2 | MILLWORK STYLE RUBBER BASE | JOHNSONITE (TARKETT) | MILLWORK, MONUMENT 4" BASE | 179 STEEL WG | |
| E | EXISTING RUBBER BASE TO REMAIN | | | | REPAIR OR REPLACE AS NEEDED WHERE WALLS ARE REMOVED OR BASE IS DAMAGED |
| PAINT | | | | | |
| P1 | PAINT FINISH - GENERAL | SHERWIN WILLIAMS | EGGSHELL | ALABASTER-SW7008 | |
| P2 | PAINT FINISH - ACCENT BLUE | SHERWIN WILLIAMS | EGGSHELL | RAINSTORM-SW9230 | |
| P3 | PAINT FINISH - ACCENT GRAY | BENJAMIN MOORE | EGGSHELL | CHELSEA GRAY-HC168 | |
| P4 | PAINT FINISH - CEILING | SHERWIN WILLIAMS | FLAT | ALABASTER-SW7008 | PAINT ALL NEW AND EXISTING SOFFITS |
| P5 | PAINT FINISH - HM DOOR FRAMES | SHERWIN WILLIAMS | SEMIGLOSS | ALABASTER-SW7008 | PAINT ALL NEW AND EXISTING HM DOOR FRAMES, AT ROOMS THAT ARE NOT IN CONTRACT, PAINT ONLY EXTERIOR SIDE OF DOOR FRAME (ROOMS 553, 554, 555, 558, AND 559) |
| SURFACE | | | | | |
| S1 | QUARTZ SURFACE COUNTERTOP | CAMBRIA | QUARTZ | WHITE CLIFF | |
| S2 | PLASTIC LAMINATE - VERTICAL SURFACE | FORMICA | WOODGRAIN PLASTIC LAMINATE | 5883-58 PECAN WOODLINE | |
| S3 | ZINTRA EMBOSSED WALL | MDC WALL | ZINTRA EMBOSSED - PATTERN LINKED | GREIGE | SEE ELEVATIONS FOR SIZE |
| S4 | POLYESTER FELT ACOUSTICAL PANELS | J2 SYSTEMS | COMPOSITE PANELS WITH CUSTOM PATTERN - SEE DETAIL B3/A501 | BASE COLOR: MEDIUM GRAY 12; FACE: COLOR 412 | SEE ELEVATIONS FOR SIZE |
| S5 | BACK PAINTED GLASS PANELS | TBD | 1/4" TEMPERED GLASS PANELS | MATCH PAINT P2 ABOVE | SEE DETAILS |
| S6 | DECORATIVE WINDOW FILM | 3M | PASARA | FUSION PEARL, SH2C3FP | |
| S7 | LOOKER FINISH | FORMICA | WOODGRAIN PLASTIC LAMINATE | 5883-58 PECAN WOODLINE | |
| MISCELLANEOUS | | | | | |
| CG | FLUSH MOUNT CORNER GUARD | INPRO | 160P | 0238 FEATHER | SEE DETAILS |
| WS1 | MESH FABRIC FOR ROLLER SHADES | SKYCO | PHIFER SHEER WEAVE 2410 | 020 BEIGE | |
| WS2 | BLACKOUT FABRIC FOR ROLLER SHADES | SKYCO | PHIFER 7100 BLACKOUT | 005 BONE | BLACKOUT |

GENERAL FINISH NOTES

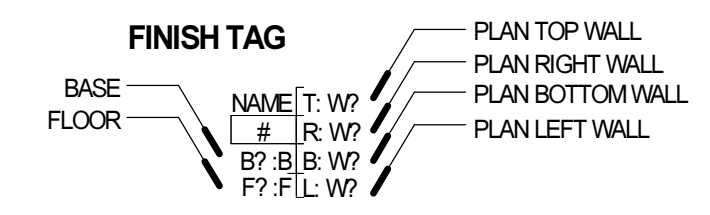
- ALL FLOOR TRANSITIONS TO BE LOCATED AT CENTER OF DOOR, U.N.O.
- FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.
- COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.
- ALL COUNTERTOP, BACKSPASHES, AND EDGE BANDING TO HAVE COORDINATING FINISHES.
- PROVIDE A SMOOTH TRANSITION AT ALL FLOOR MATERIALS - SEE SHEET A502 FOR TYPICAL FLOOR TRANSITION DETAILS.
- PAINT ALL NEW AND EXISTING GYP BOARD SOFFITS. REFER TO REFLECTED CEILING PLANS.
- SEE FINISH SCHEDULE FOR LOCATION OF FINISH MATERIALS.
- ALL WALLS AND WALL BASE ARE TO BE PATCHED AND REPAIRED WHERE EXISTING WALLS WERE REMOVED.
- ALL WINDOW SILLS ARE TO BE CLEANED AND OR PATCHED AND REPAIRED WHERE EXISTING WALLS WERE REMOVED.
- CEILING GRID AND TILES ARE TO BE INSTALLED AT ALL LOCATIONS WHERE WALLS WERE REMOVED. STRAIGHT GRID AND CLEAN TILES CAN BE USED FROM THE CEILING AREAS THAT WERE REMOVED AND SALVAGED.
- PATCH AND REPAIR WALLS WHERE MILLWORK HAS BEEN REMOVED.
- PROVIDE BASE AT ALL CABINET TEO SPACE UNLESS NOTED OTHERWISE.
- ALL COUNTERTOPS TO HAVE MATCHING 4" BACKSPASH ON BACK AND SIDE WALLS, UNLESS NOTED OTHERWISE.
- ALL MILLWORK TO BE FINISHED ON ENDS.

FINISH PLAN SYMBOLS LEGEND

FLOOR TRANSITIONS MARKER



- SINGLE FINISH SYMBOLS INDICATE WHERE FINISHES ARE DIFFERENT FROM GENERAL ROOM FINISHES, OR PROVIDE ADDITIONAL FINISH INFORMATION.



N.I.C. - AREA NOT IN CONTRACT

EXISTING FLOORING TO REMAIN, PROTECT DURING DEMOLITION AND CONSTRUCTION.

KEYED NOTES

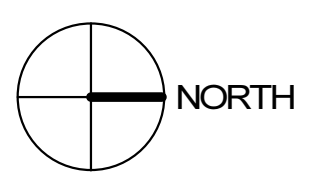
- 922.0 CARPET TO RUN CONTINUOUS UNDER DEMOUNTABLE PARTITIONS

FINISH SCHEDULE

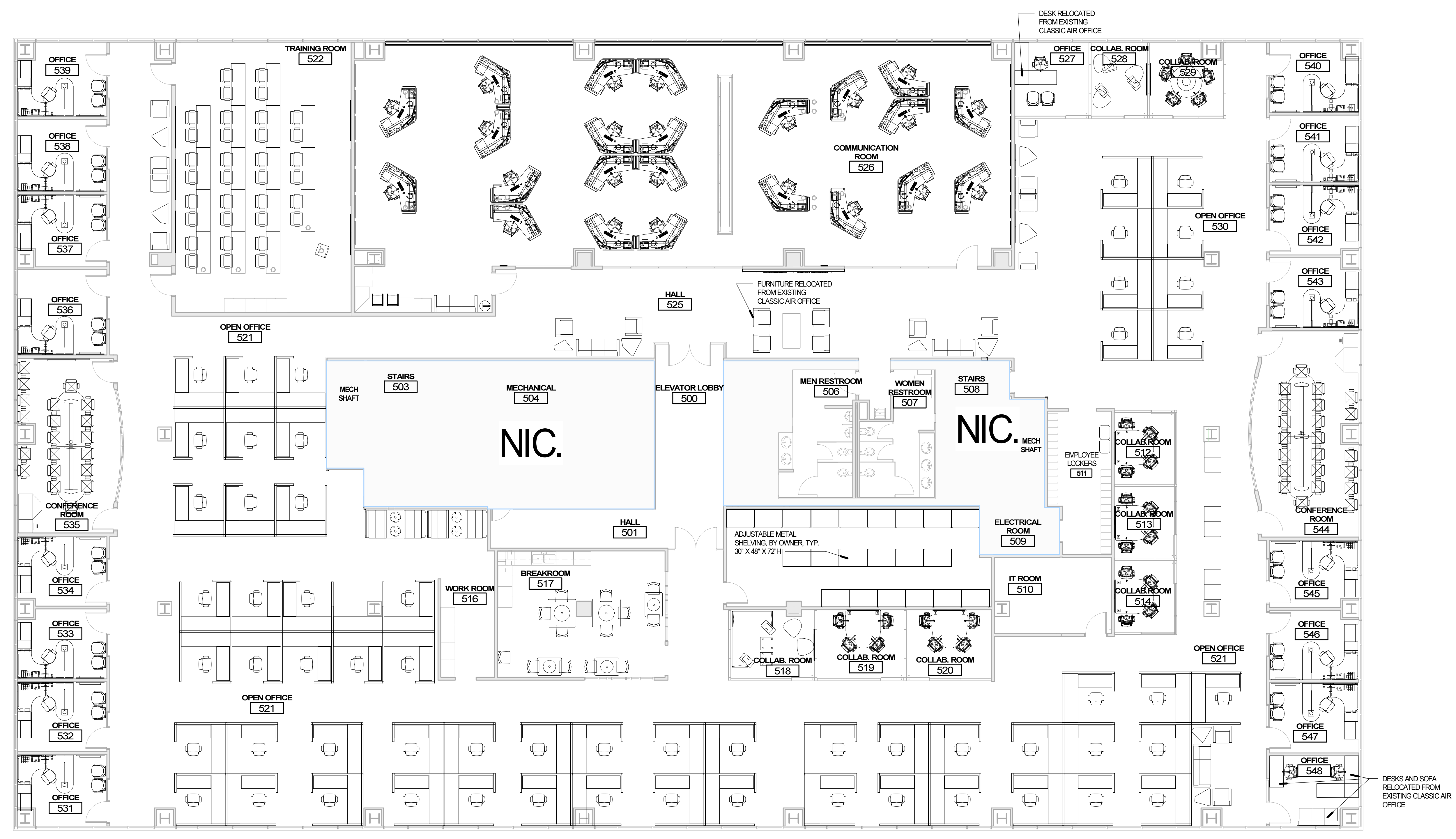
| NUMBER | ROOM NAME | FLOOR | WALL FINISHES | | | |
|--------|--------------------|-------|---------------|-------|-------|-------|
| | | | BASE | TOP | RIGHT | LEFT |
| 500 | ELEVATOR LOBBY | E | E | P1 | P1 | P1 |
| 501 | HALL | E | E | P1 | P1 | P1 |
| 502 | MECH SHAFT | E | E | E | E | E |
| 503 | STAIRS | E | E | E | E | E |
| 504 | MECHANICAL | E | E | E | E | E |
| 505 | ELECTRICAL | E | E | E | E | E |
| 506 | MEN RESTROOM | E | E | P1 | P1 | P1 |
| 507 | WOMEN RESTROOM | E | E | P1 | P1 | P1 |
| 508 | STAIRS | E | E | E | E | E |
| 509 | ELECTRICAL ROOM | E | E | E | E | E |
| 510 | IT ROOM | F3 | B1 | P1 | P1 | P1 |
| 511 | EMPLOYEE LOCKERS | F1 | B1 | P1 | P1 | P1 |
| 512 | COLLAB ROOM | E | B1 | P1 | P1 | P1 |
| 513 | COLLAB ROOM | E | B1 | P1 | P1 | P3 |
| 514 | COLLAB ROOM | E | B1 | P1 | P1 | P3 |
| 515 | STORAGE | E | B1 | P1 | P1 | P1 |
| 516 | WORK ROOM | E | E | E | E | E |
| 517 | BREAKROOM | E | E | E | E | E |
| 518 | COLLAB ROOM | E | B1 | P3 | - | - |
| 519 | COLLAB ROOM | E | B1 | P3 | - | - |
| 520 | COLLAB ROOM | E | B1 | P3 | P1 | - |
| 521 | OPEN OFFICE | E | E | P1 | P1 | P1 |
| 522 | OPEN OFFICE | E | B1 | P1 | P1 | P1 |
| 523 | TRAINING ROOM | F1 | B1 | P1 | P3 | P1 |
| 525 | HALL | F1,F2 | B1,B2 | P1 | P1 | P1 |
| 526 | COMMUNICATION ROOM | F1,F2 | B1 | P1,P2 | P3,P2 | P3,P2 |
| 527 | OFFICE | E | B1,B2 | P3 | - | P1 |
| 528 | COLLAB ROOM | E | B1 | P3 | - | - |
| 529 | COLLAB ROOM | E | B1 | P3 | - | - |
| 530 | OPEN OFFICE | E | B1 | P1 | P1 | P1 |
| 531 | OFFICE | E | B1 | P1 | P1 | P1 |
| 532 | OFFICE | E | B1 | P1 | P1 | P1 |
| 533 | OFFICE | E | B1 | P1 | P1 | P1 |
| 534 | OFFICE | E | E | P1 | P1 | P1 |
| 535 | CONFERENCE ROOM | E | E | P1 | P1 | P1 |
| 536 | OFFICE | E | E | P1 | P1 | P1 |
| 537 | OFFICE | E | E | P1 | P1 | P1 |
| 538 | OFFICE | E | E | P1 | P1 | P1 |
| 539 | OFFICE | E | E | P1 | P1 | P1 |
| 540 | OFFICE | E | E | P1 | P1 | P1 |
| 541 | OFFICE | E | E | P1 | P1 | P1 |
| 542 | OFFICE | E | E | P1 | P1 | P1 |
| 543 | OFFICE | E | E | P1 | P1 | P1 |
| 544 | CONFERENCE ROOM | E | E | P1 | P1 | P1 |
| 545 | OFFICE | E | E | P1 | P1 | P1 |
| 546 | OFFICE | E | E | P1 | P1 | P1 |
| 547 | OFFICE | E | E | P1 | P1 | P1 |
| 548 | OFFICE | E | E | P1 | P1 | P1 |



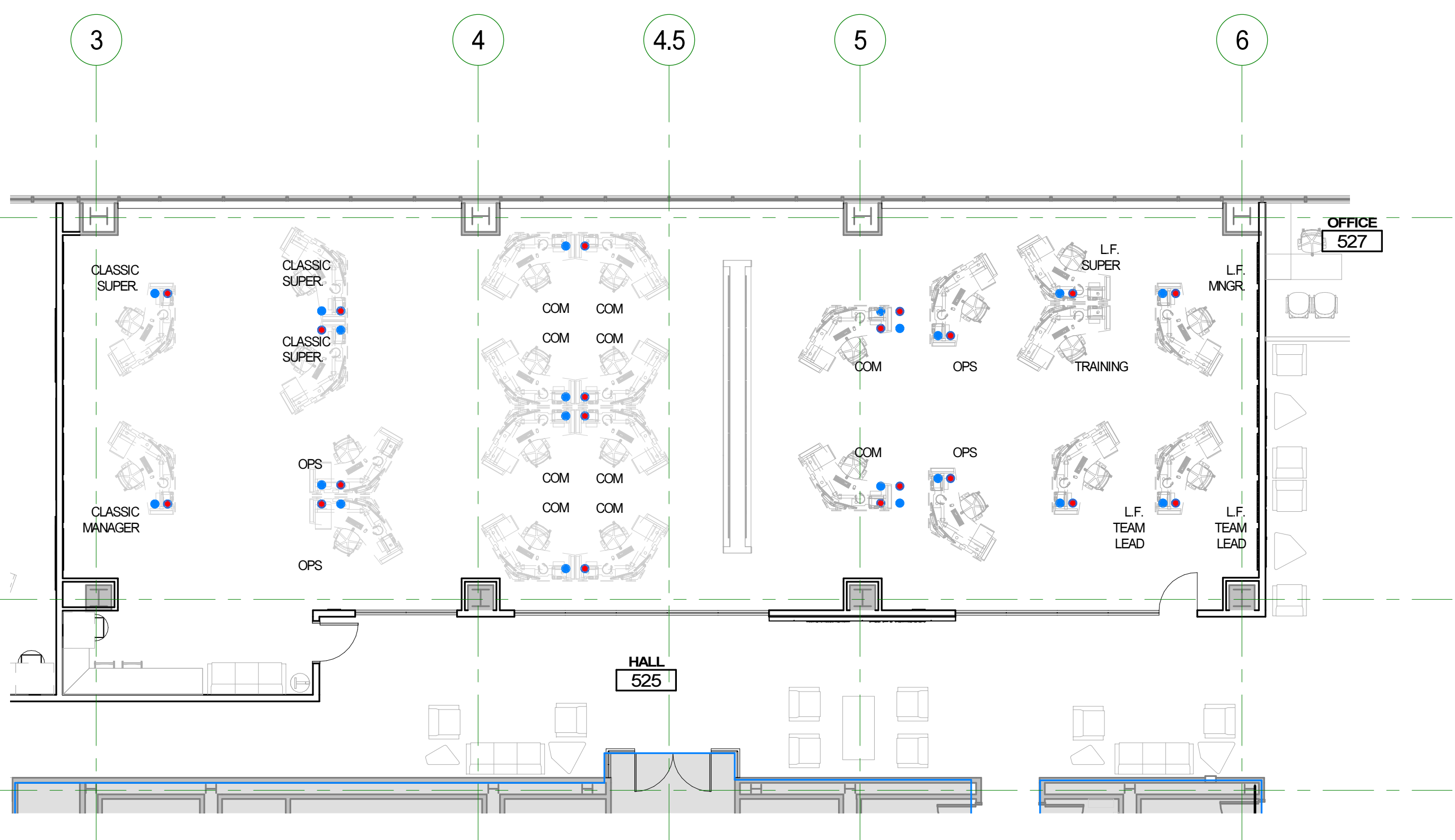
A3 LEVEL 05 - FLOOR PLAN - FINISH
SCALE: 1/8" = 1'-0"



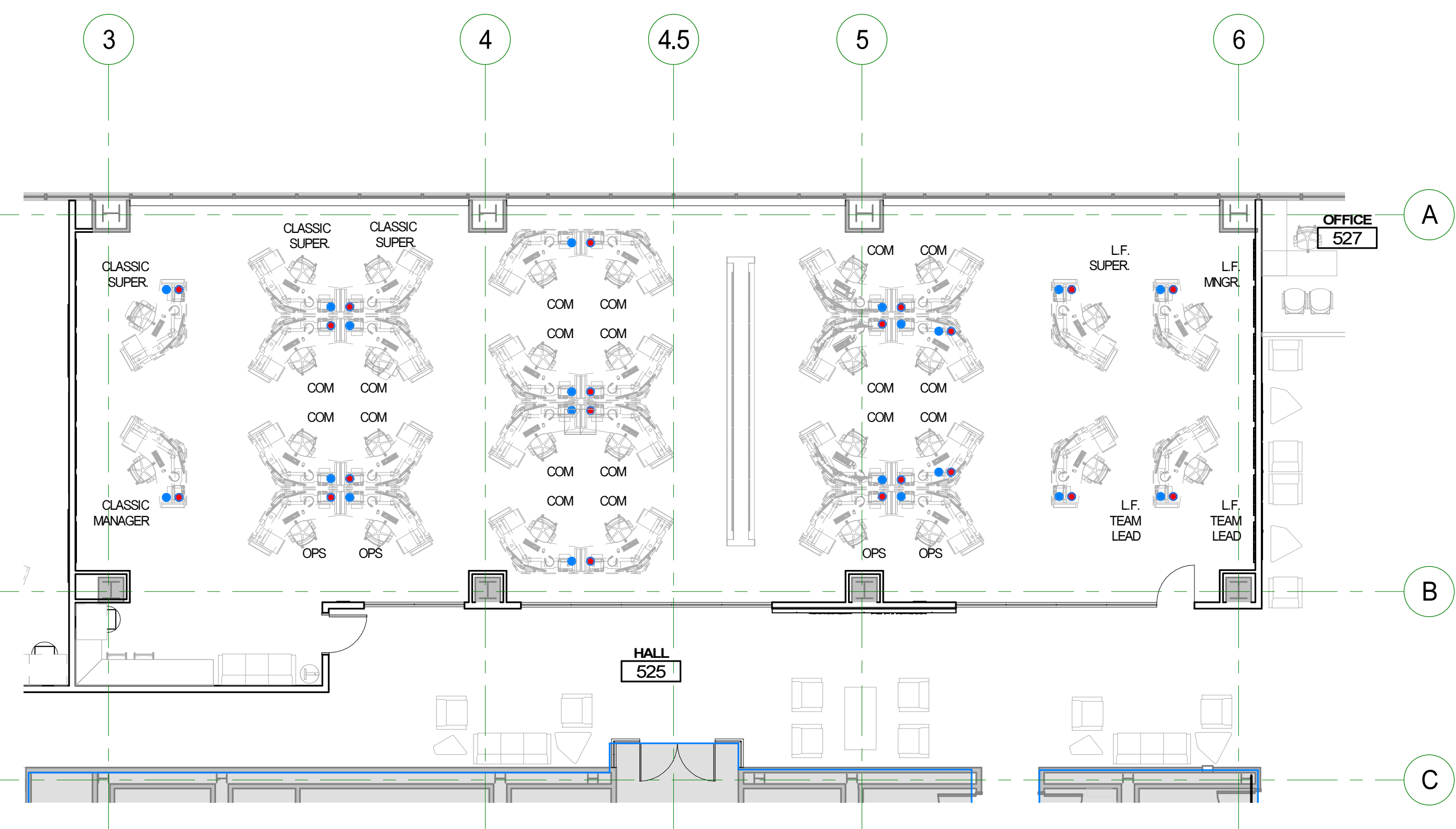
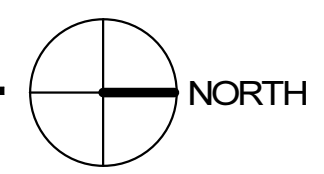
FURNITURE PLAN FOR
REFERENCE ONLY.
ALL FURNITURE PROVIDED
BY OWNER.



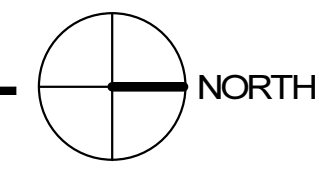
B4 LEVEL 05 - FLOOR PLAN -
FURNISHINGS
SCALE: 1/8" = 1'-0"



A1 COMMUNICATIONS ROOM 526 -
INITIAL FURNITURE LAYOUT
SCALE: 1/8" = 1'-0"



A4 COMMUNICATIONS ROOM 526 -
FUTURE FURNITURE LAYOUT
SCALE: 1/8" = 1'-0"



| REV | DATE | DESCRIPTION |
|-----|------|-------------|
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VCBO NUMBER: 22015
CLIENT NUMBER: 00000
DATE: 2022.10.25

INTERIOR ELEVATION SYMBOLS LEGEND

FINISH TAG

◊ SINGLE FINISH SYMBOLS INDICATE WHERE FINISHES ARE DIFFERENT FROM GENERAL ROOM FINISHES. OR PROVIDE ADDITIONAL FINISH INFORMATION - SEE FINISH SCHEDULE

DOOR TAG

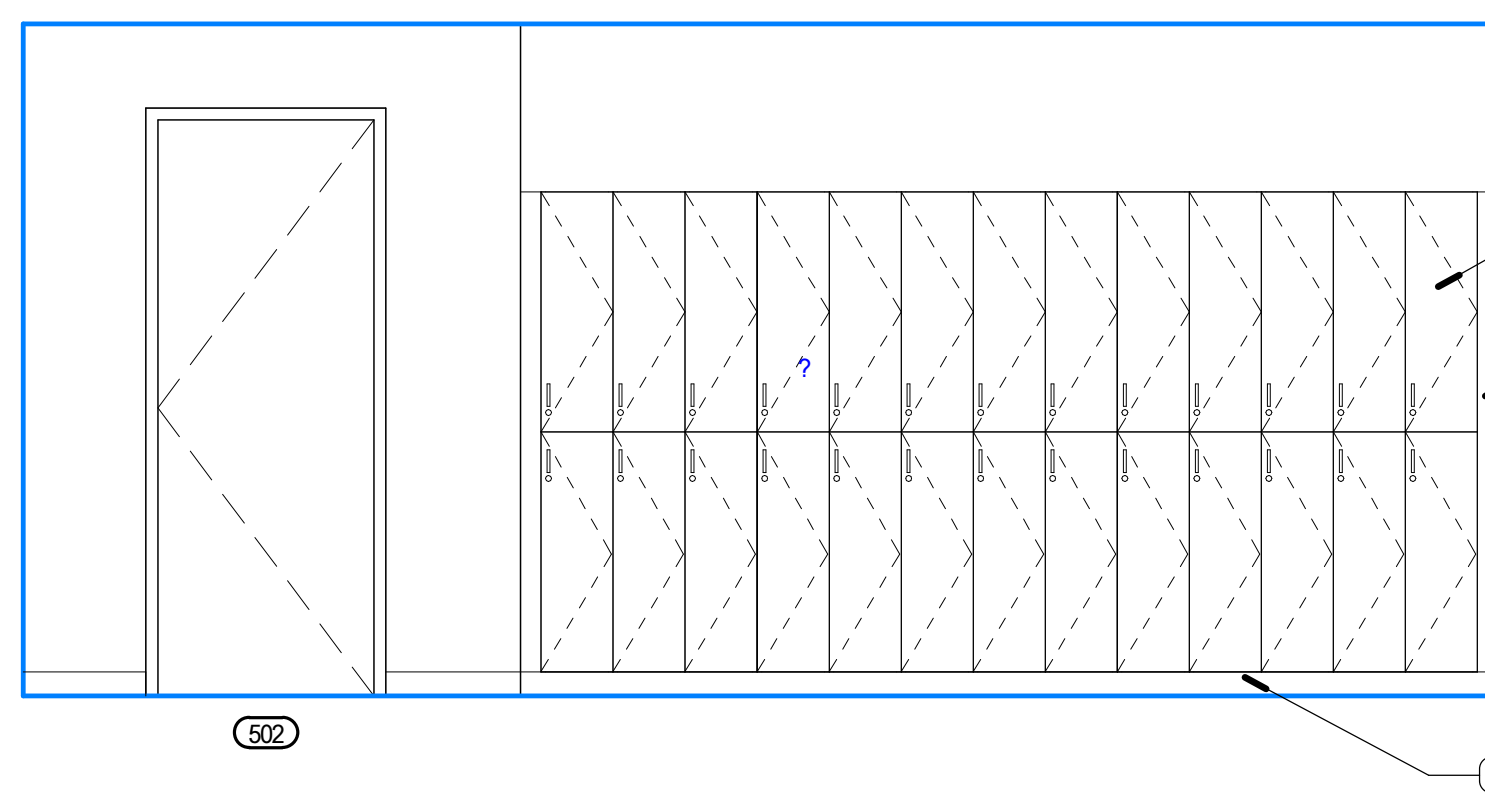
○ DOOR NUMBER - SEE DOOR SCHEDULE FOR INFORMATION

WINDOW TAG

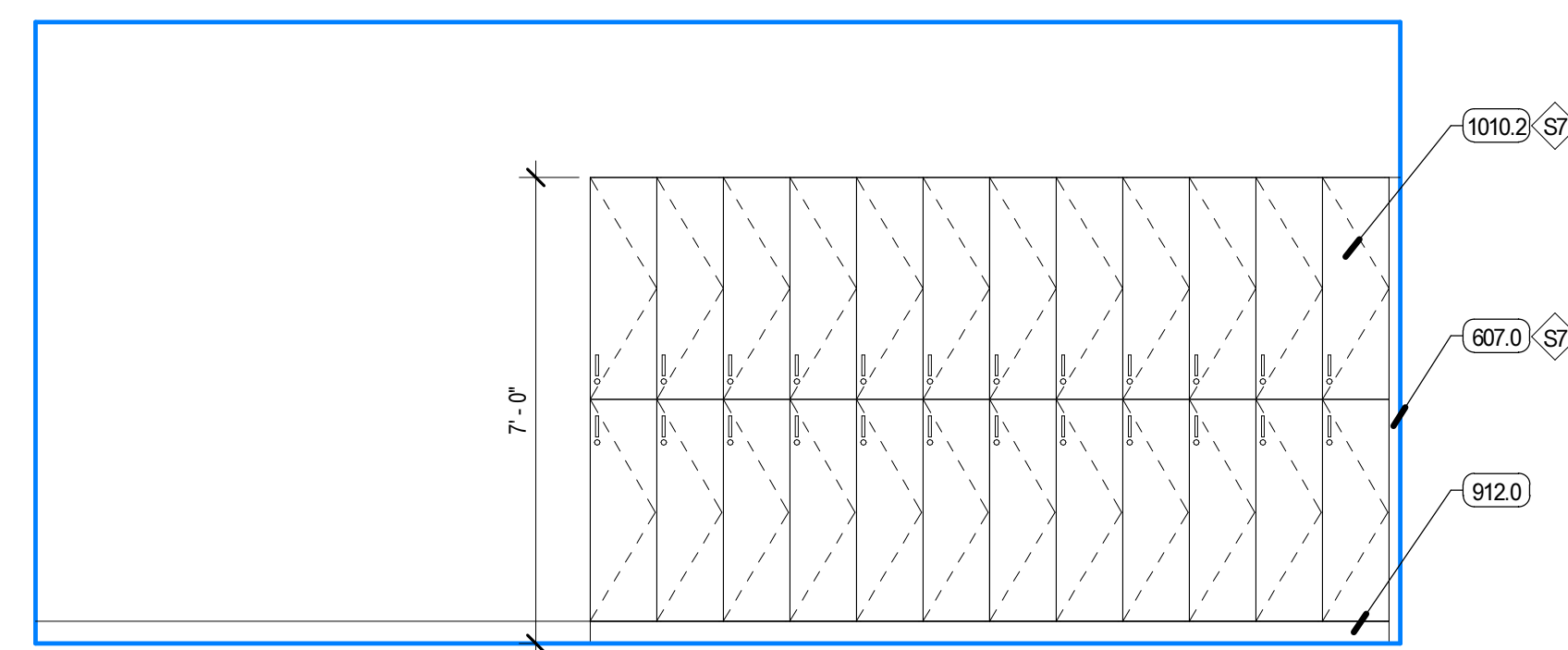
◊ WINDOW MARKER - SEE WINDOW SCHEDULE FOR INFORMATION

KEYED NOTES

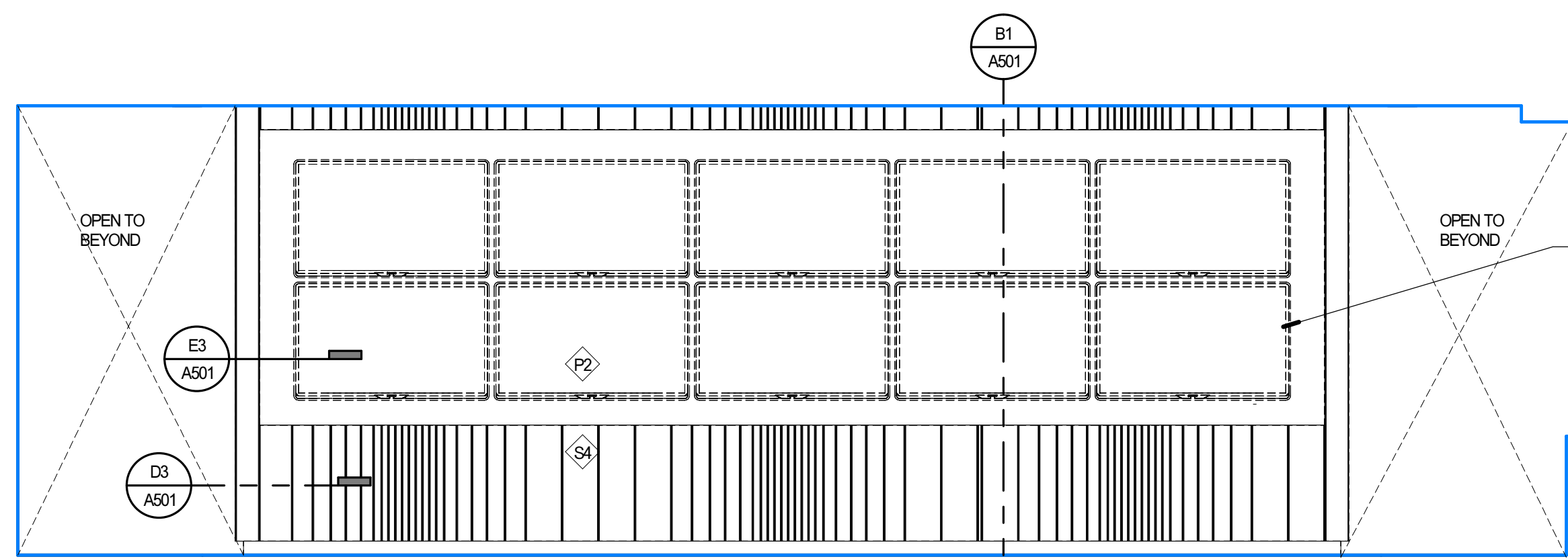
- 607.0 MILLWORK, FILLER PANEL
- 822.0 1/2" THICK TEMPERED BUTT-GLAZED PANEL SYSTEM
- 823.0 1/2" THICK TEMPERED GLASS DOOR
- 912.0 SCHEDULED BASE
- 1001.0 SIGNAGE
- 1003.0 FLUSH CORNER GUARD
- 1010.2 LOCKERS, DOUBLE TIER, 12"W X 18"D
- 1100.4 REFRIGERATOR, NIC
- 2603.1 POWER OUTLET
- 2603.5 ELECTRIC SWITCH
- 2610.0 LIGHT FIXTURE
- 2622.0 CLOCK: ETHERNET POWERED AND CONTROLLED
- 2711.0 WALL MOUNTED VIDEO MONITOR, BY OWNER



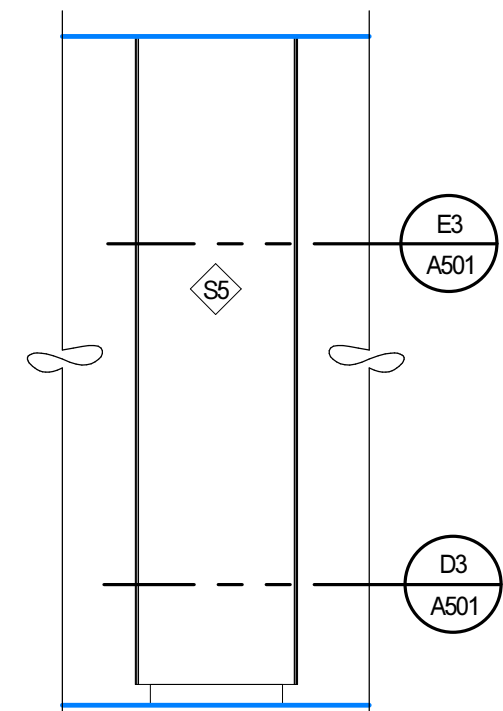
E1 511-EMPLOYEE LOCKERS - LEFT
SCALE: 3/8" = 1'-0"



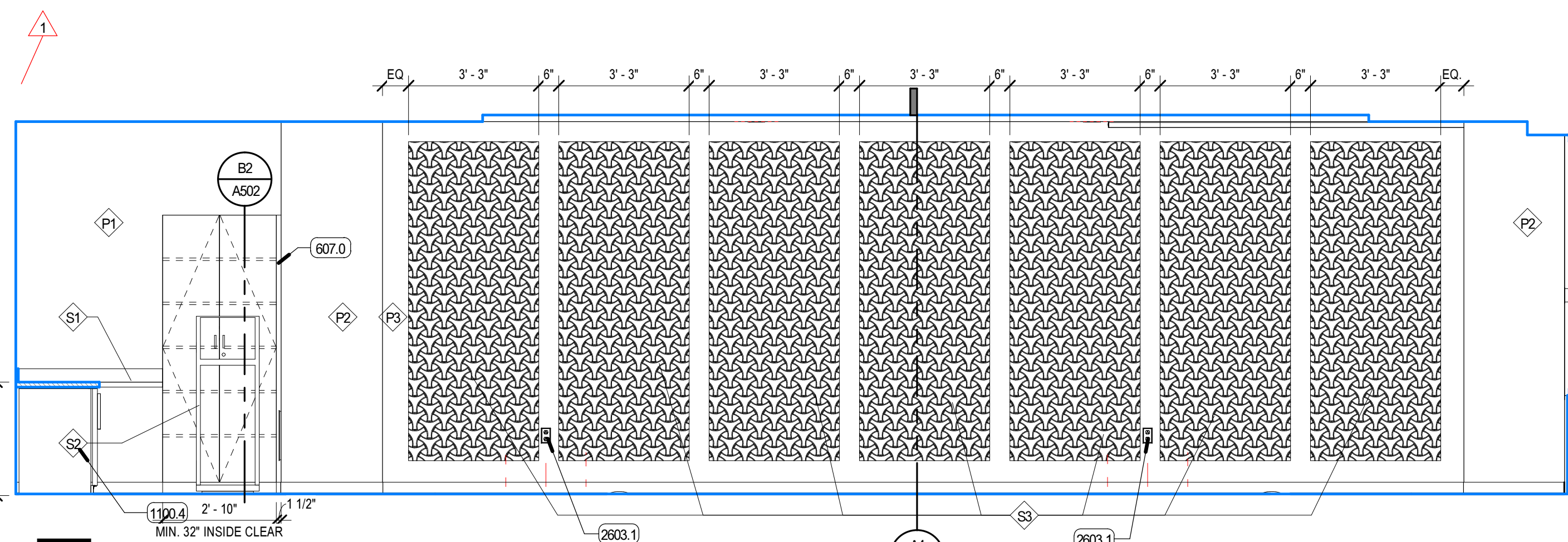
E2 511-EMPLOYEE LOCKERS - RIGHT
SCALE: 3/8" = 1'-0"



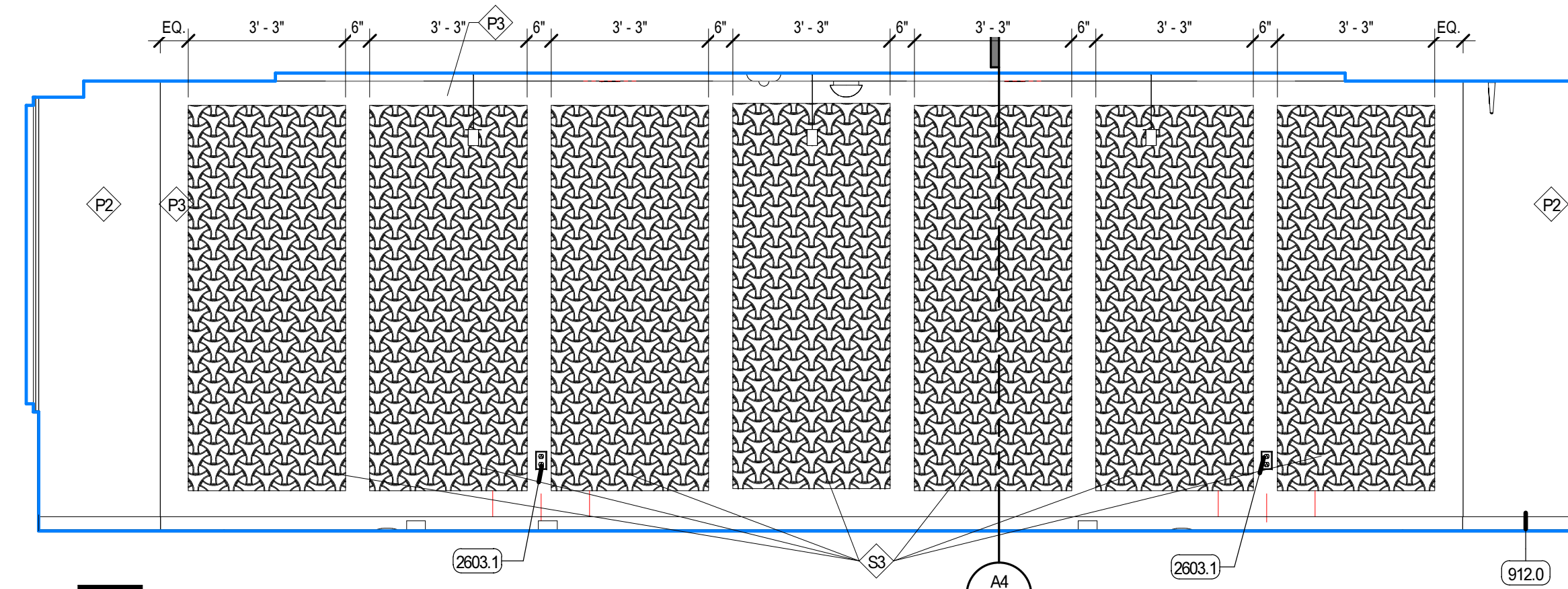
D1 526-COMM. ROOM - MONITOR WALL - RIGHT
SCALE: 3/8" = 1'-0"



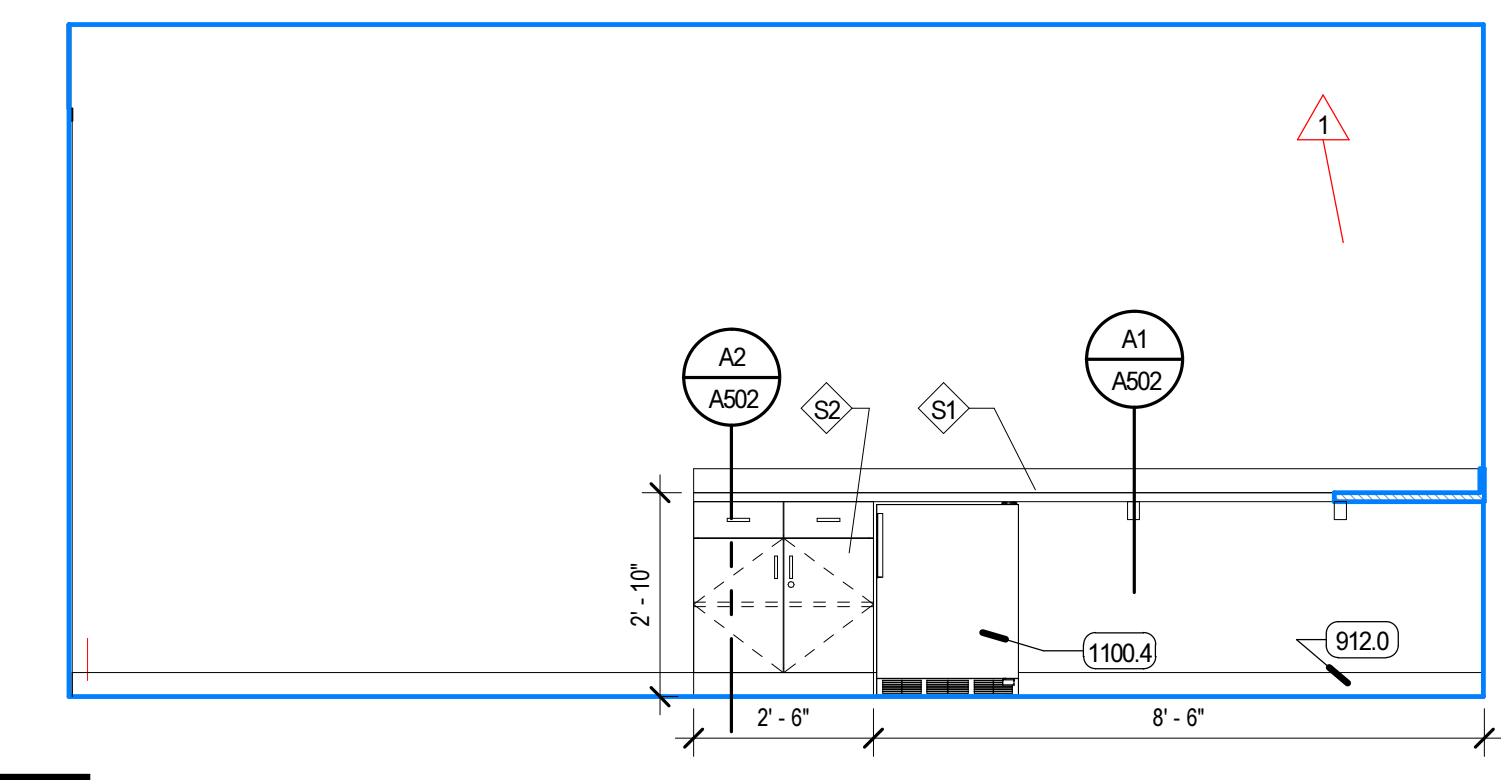
D3 526-COMM. ROOM - MONITOR WALL, END
SCALE: 3/8" = 1'-0"



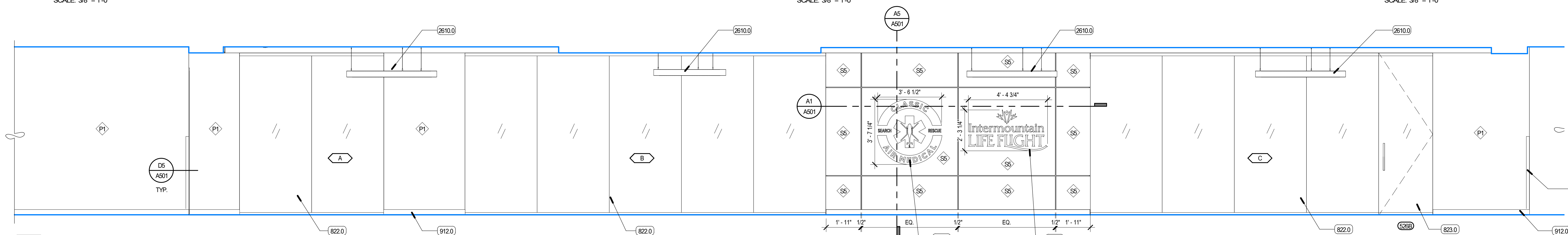
C1 526-COMM. ROOM - LEFT
SCALE: 3/8" = 1'-0"



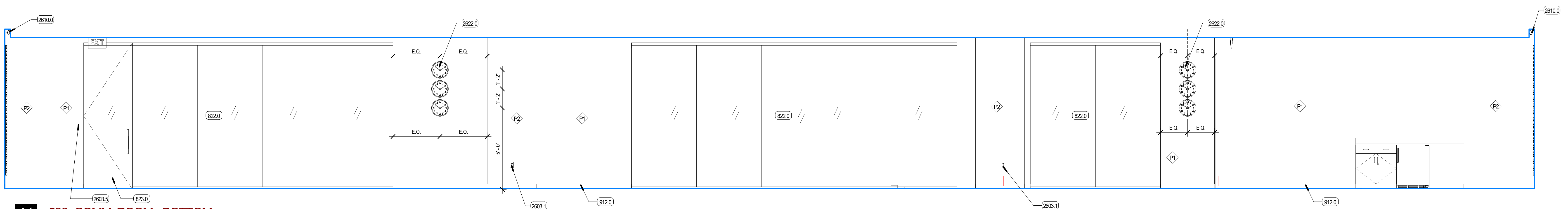
C3 526-COMM. ROOM - RIGHT
SCALE: 3/8" = 1'-0"



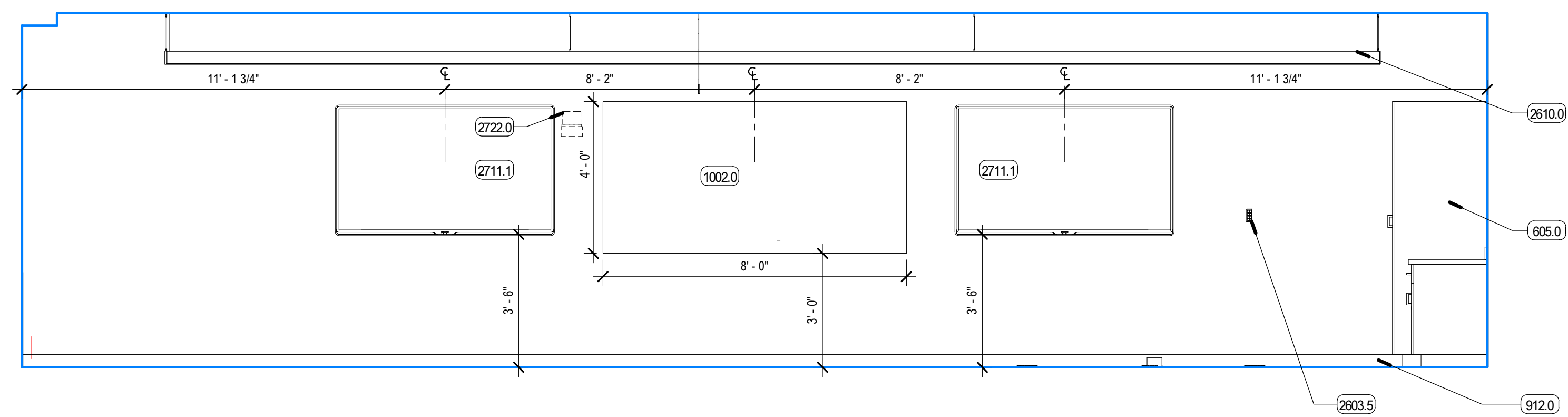
C5 526-COMM. ROOM-BREAK AREA
SCALE: 3/8" = 1'-0"



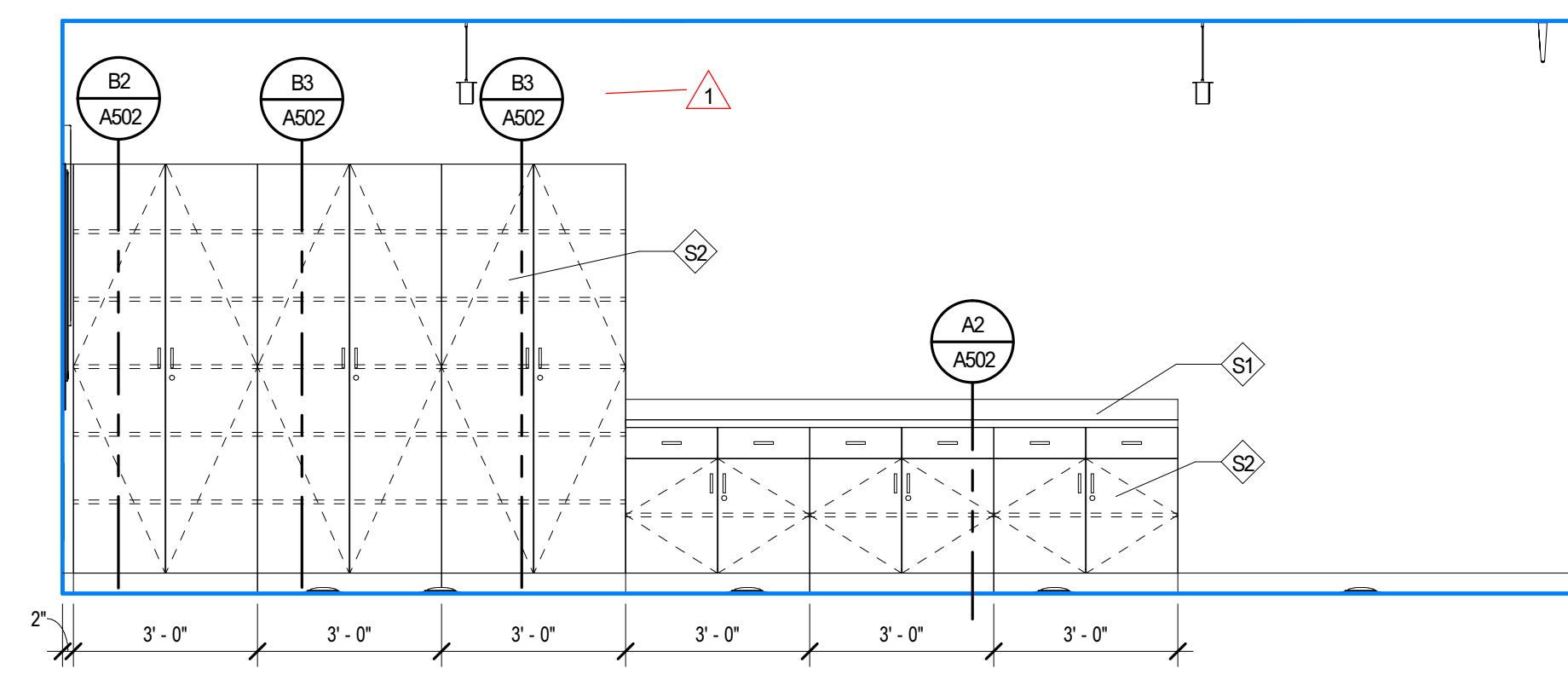
B1 525-HALLWAY - TOP
SCALE: 3/8" = 1'-0"



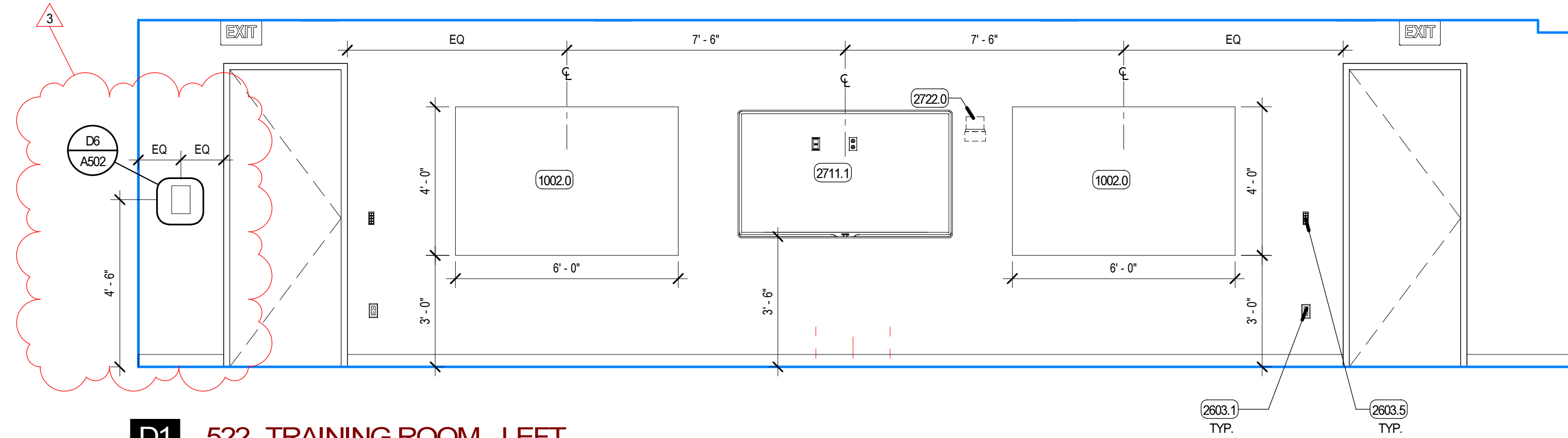
A1 526-COMM. ROOM - BOTTOM
SCALE: 3/8" = 1'-0"



E1 522 - TRAINING ROOM - RIGHT
SCALE: 3/8" = 1'-0"



E4 522 - TRAINING ROOM - BOTTOM
SCALE: 3/8" = 1'-0"



D1 522 - TRAINING ROOM - LEFT
SCALE: 3/8" = 1'-0"

INTERIOR ELEVATION SYMBOLS LEGEND

- FINISH TAG**
 SINGLE FINISH SYMBOLS INDICATE WHERE FINISHES ARE DIFFERENT FROM GENERAL ROOM FINISHES, OR PROVIDE ADDITIONAL FINISH INFORMATION - SEE FINISH SCHEDULE
- DOOR TAG**
 XXX DOOR NUMBER - SEE DOOR SCHEDULE FOR INFORMATION
- WINDOW TAG**
 XXXX WINDOW MARKER - SEE WINDOW SCHEDULE FOR INFORMATION

KEYED NOTES

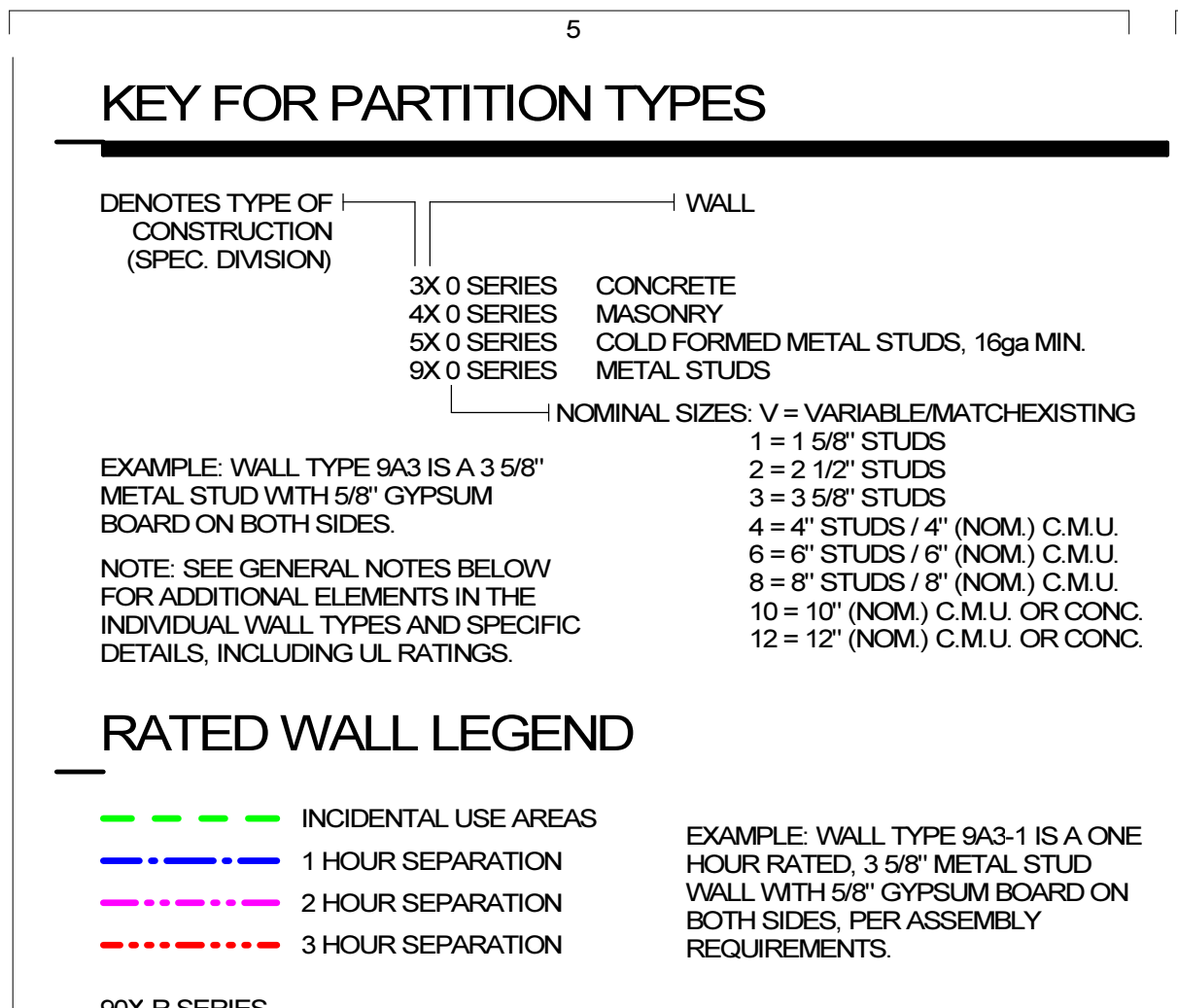
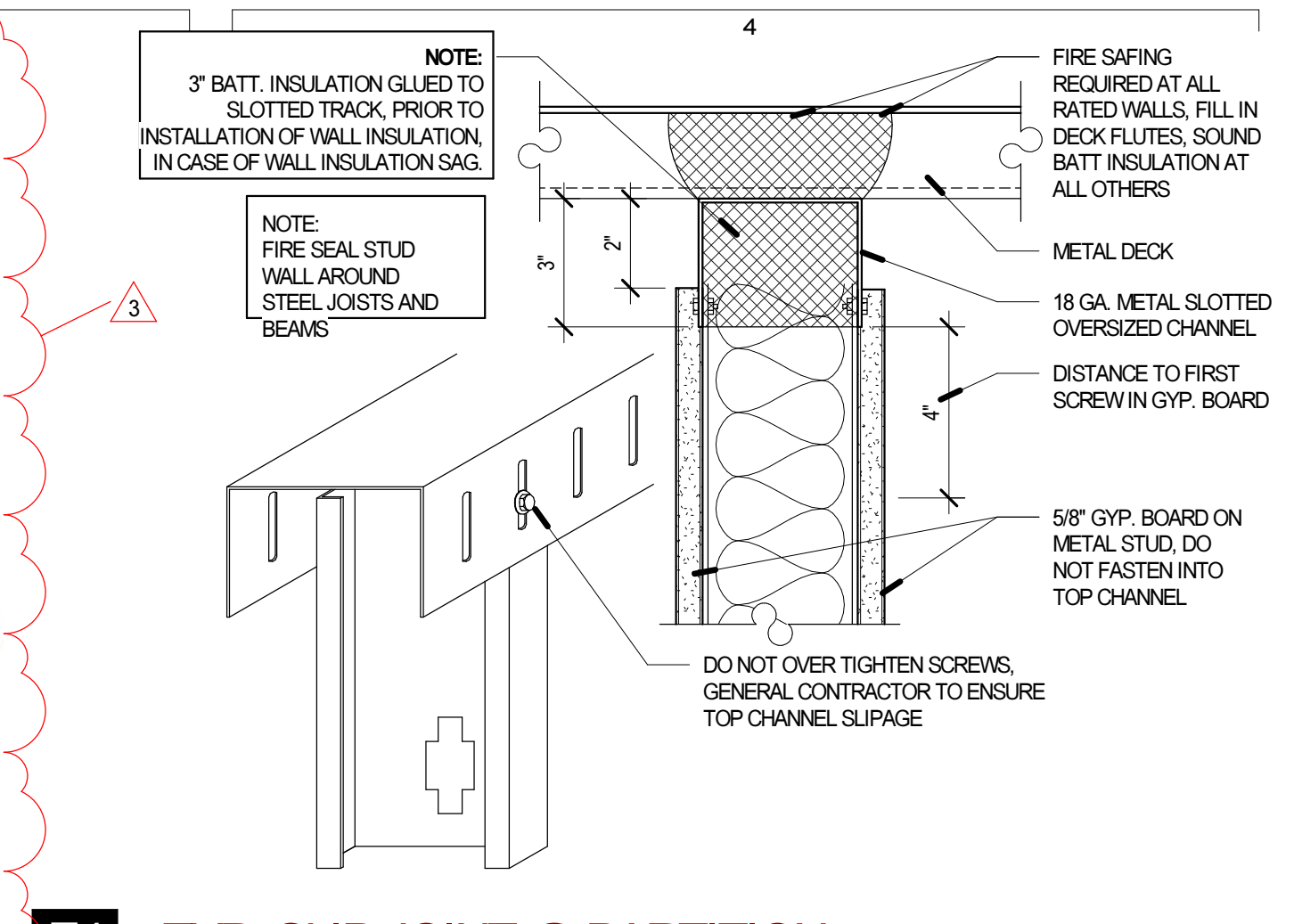
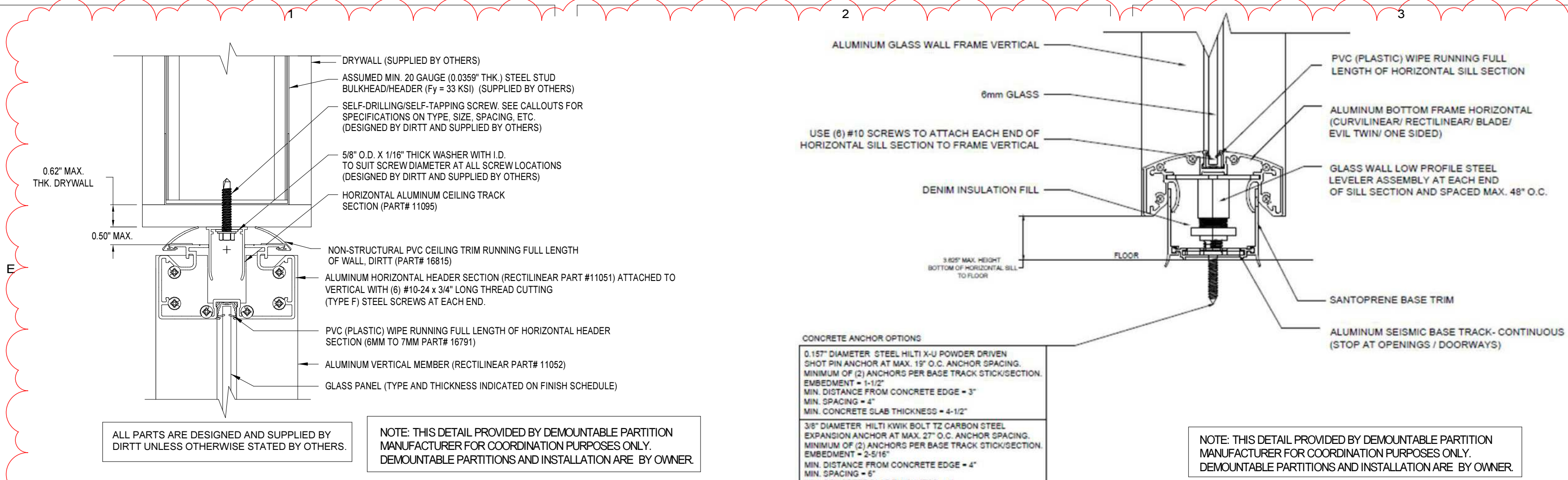
- 605.0 MILLWORK, WALL MOUNTED CABINET WITH BLOCKING
- 912.0 SCHEDULED BASE
- 1002.0 WALL MOUNTED GLASS MARKER BOARD, BY OWNER (THROUGH MIDWEST OFFICE FURNITURE), CONTRACTOR TO PROVIDE BLOCKING.
- 2603.1 POWER OUTLET
- 2603.5 ELECTRIC SWITCH
- 2610.0 LIGHT FIXTURE
- 2711.1 WALL MOUNTED VIDEO MONITOR. SEE ELECTRICAL DRAWINGS
- 2722.0 CAMERA. SEE ELECTRICAL DRAWINGS. LOCATE PER MANUFACTURER'S RECOMMENDATIONS



| REV | DATE | DESCRIPTION |
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CLASSIC AIR - VCT 5TH FLOOR REMODEL
 INTERMOUNTAIN HEALTHCARE
 VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
 MURRAY, UTAH
 BID SET



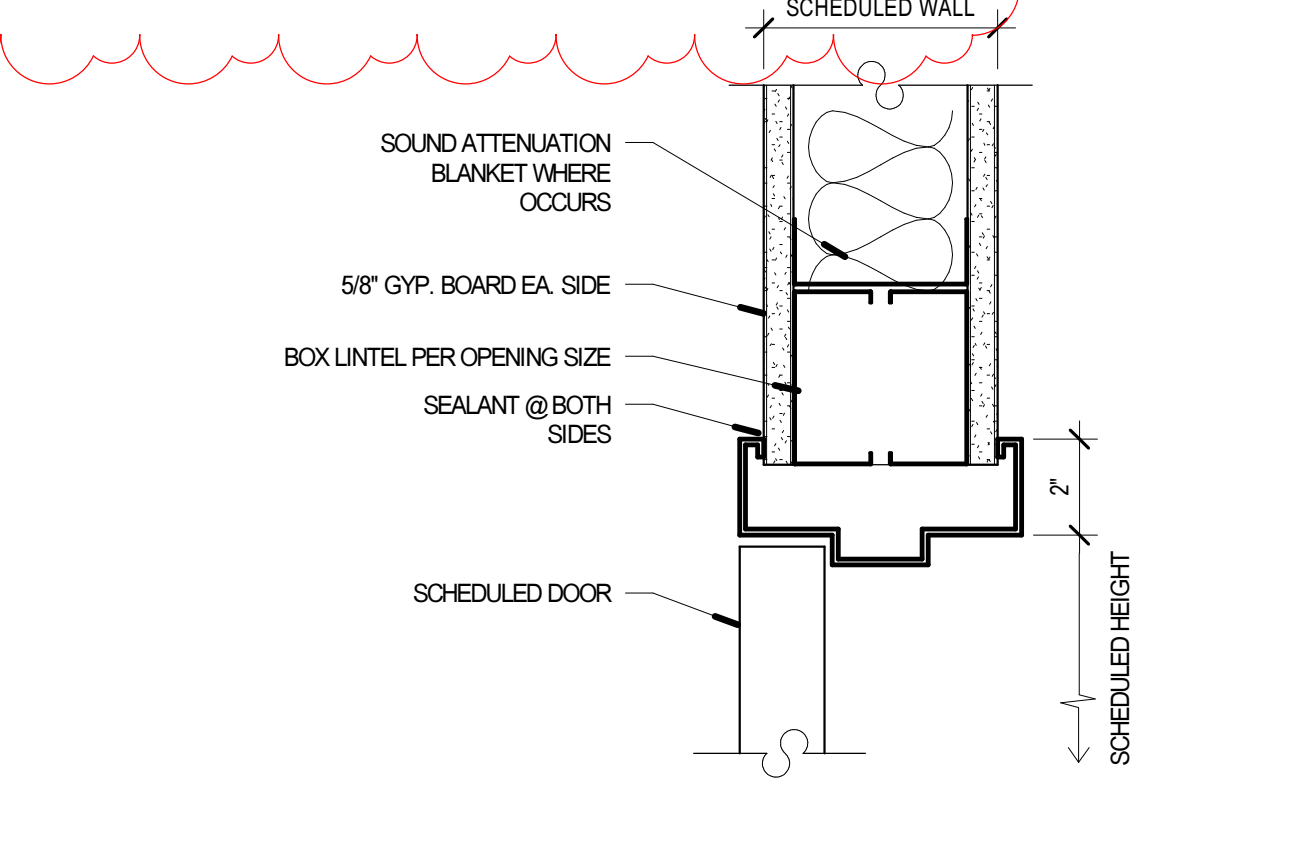
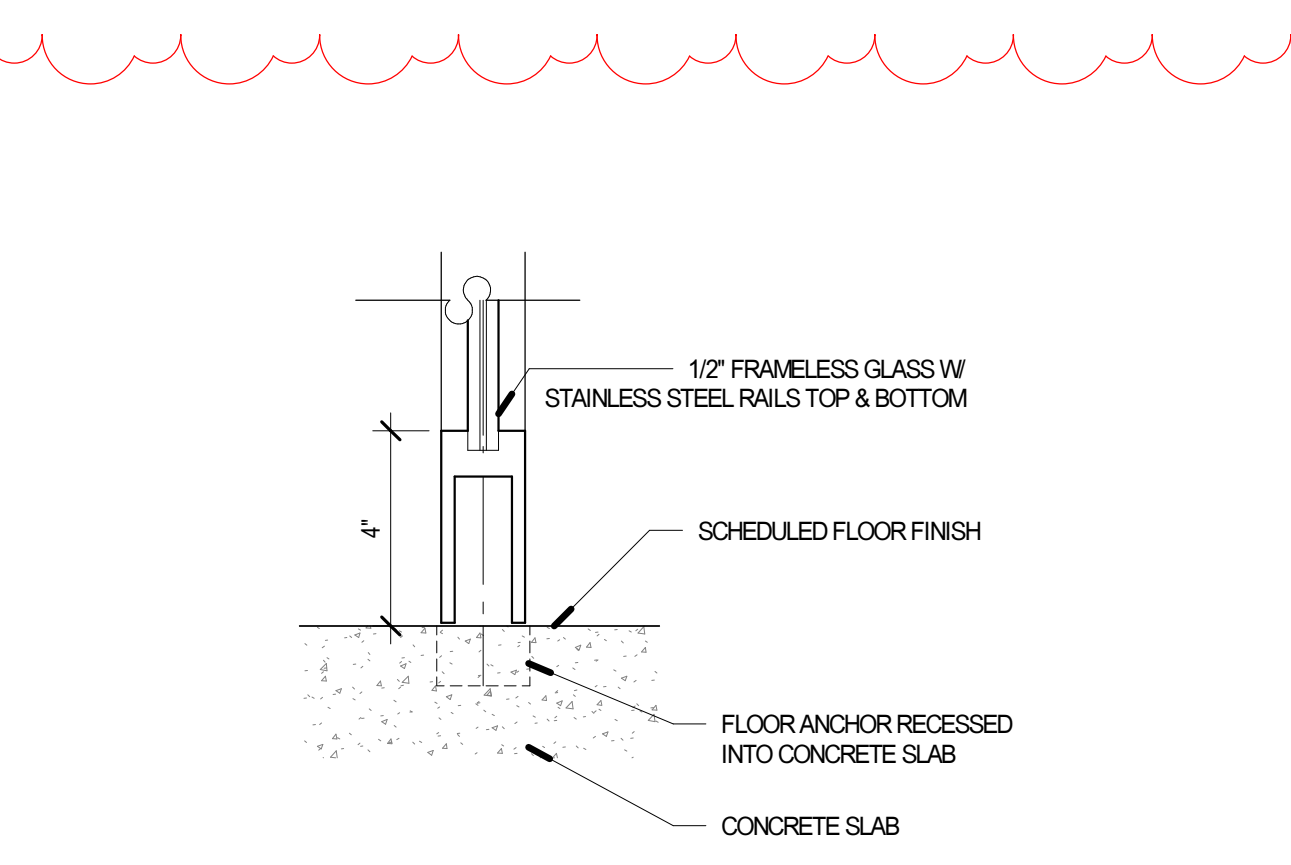
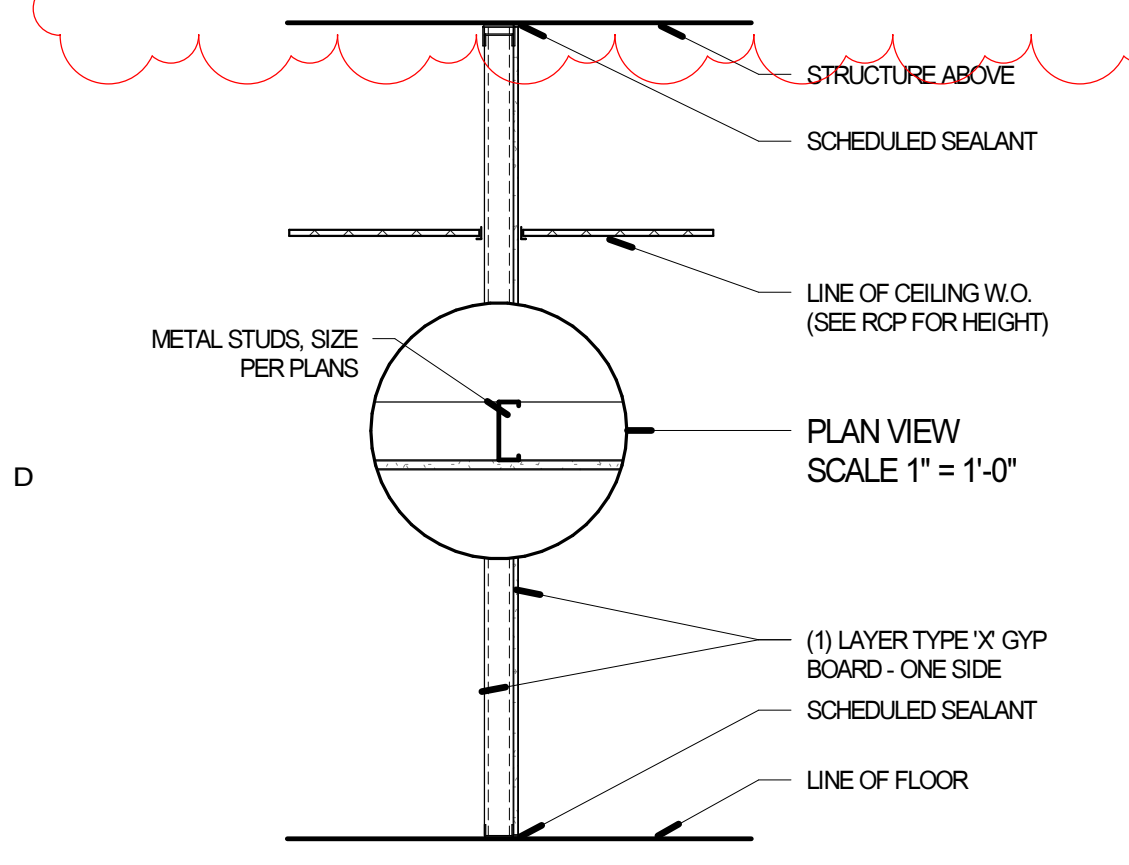
PARTITION AND FRAMING GENERAL NOTES

- PARTITION TYPE INDICATORS ARE INDEPENDENT OF APPLIED FINISHES. SEE THE FINISH SHEETS AND INTERIOR ELEVATIONS FOR WALL FINISHES INCLUDING TILE COORDINATIONS 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 OPENINGS, GLAZED PARTITIONS, 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 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 FOLLOWS.
- 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 A500 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 PLASTER OR OTHER FINISHES. LOCATE AT CORNER ABOVE DOORS OR INSIDE CORNER OF PLASTER OR OTHER FINISHES. LOCATE AT CORNER ABOVE DOORS OR INSIDE CORNER OF PLASTER OR OTHER FINISHES. LOCATE AT CORNER ABOVE DOORS OR INSIDE CORNER OF PLASTER OR OTHER FINISHES. CONSULT WITH ARCHITECT PRIOR TO COMMENCING FRAMING. INSTALL PER DETAILS A3.B3 AND A51 A500 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 WITH ACOUSTICAL OR FIRE SEALANT ON ALL SIDES WITH A 3/4" JOINT AT ALL SIDES. MAXIMUM GAP BETWEEN OBJECT AND WALL SHALL NOT EXCEED 1/2". ALL PENETRATIONS SHALL BE SEALED WITH A HEADER. ADD AN ANGLED CORNER BRACE IF THE GAP EXCEEDS 3" FROM FRAMING TO THE OPENING.
- CONTRACTOR TO 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 A500.
 - 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 SURROUNDINGS.
 - 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.
- ALL EXTERIOR STUD WALLS TO HAVE CONTINUOUS INSULATION, VAPOR BARRIER AND AIR INFILTRATION BARRIER FOR THE FULL HEIGHT AND LENGTH OF THE WALL. SEAL ALL PENETRATIONS. SEE DETAILS ON SHEET A500 FOR TYPICAL TOP OF WALL CONDITION.
- THE AIR INFILTRATION BARRIER IS TO WRAP INTO ALL WINDOW AND DOOR OPENINGS. SEE DETAILS D3 AND C3 ON SHEET A510 FOR TYPICAL FIRE EXTINGUISHER CABINET INSTALLATION DETAILS.

E1 DEMOUNTABLE WALL AT CEILING
SCALE: 6" = 1'-0"

E2 DEMOUNTABLE WALL AT FLOOR
SCALE: NOT TO SCALE

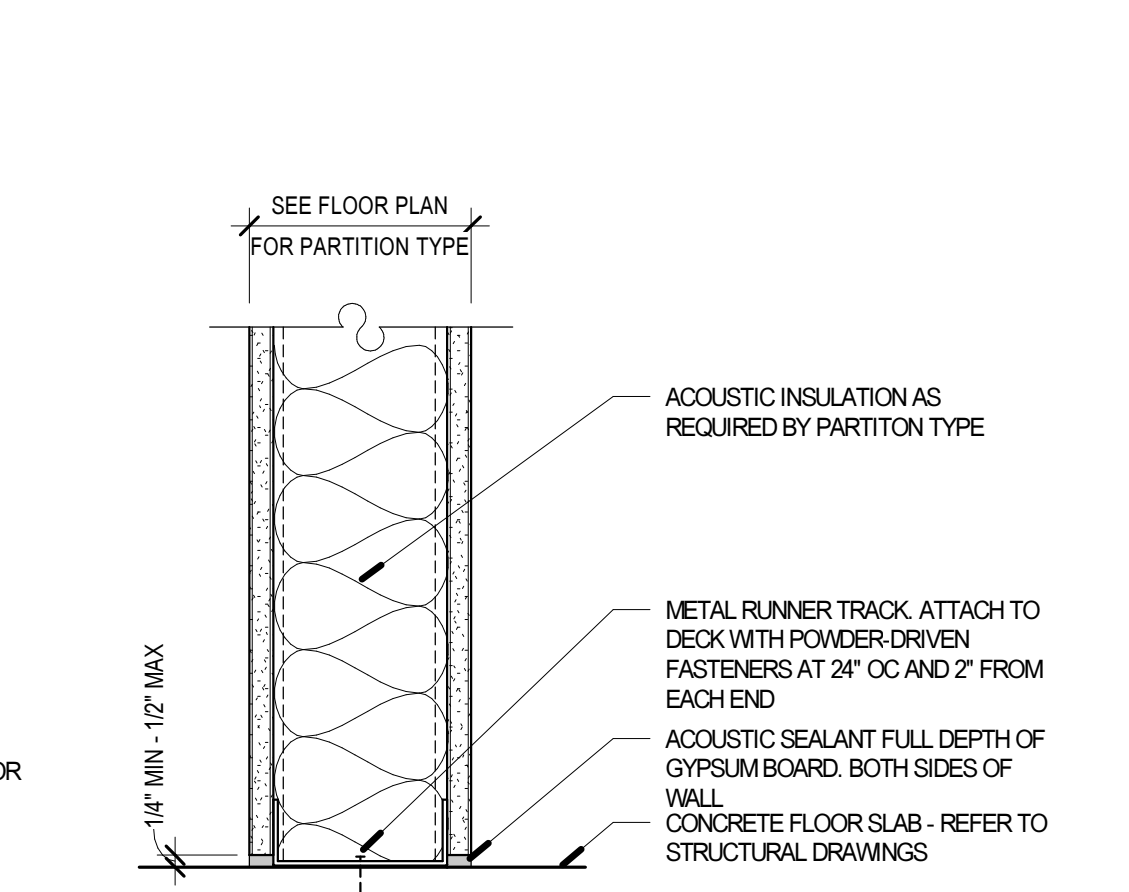
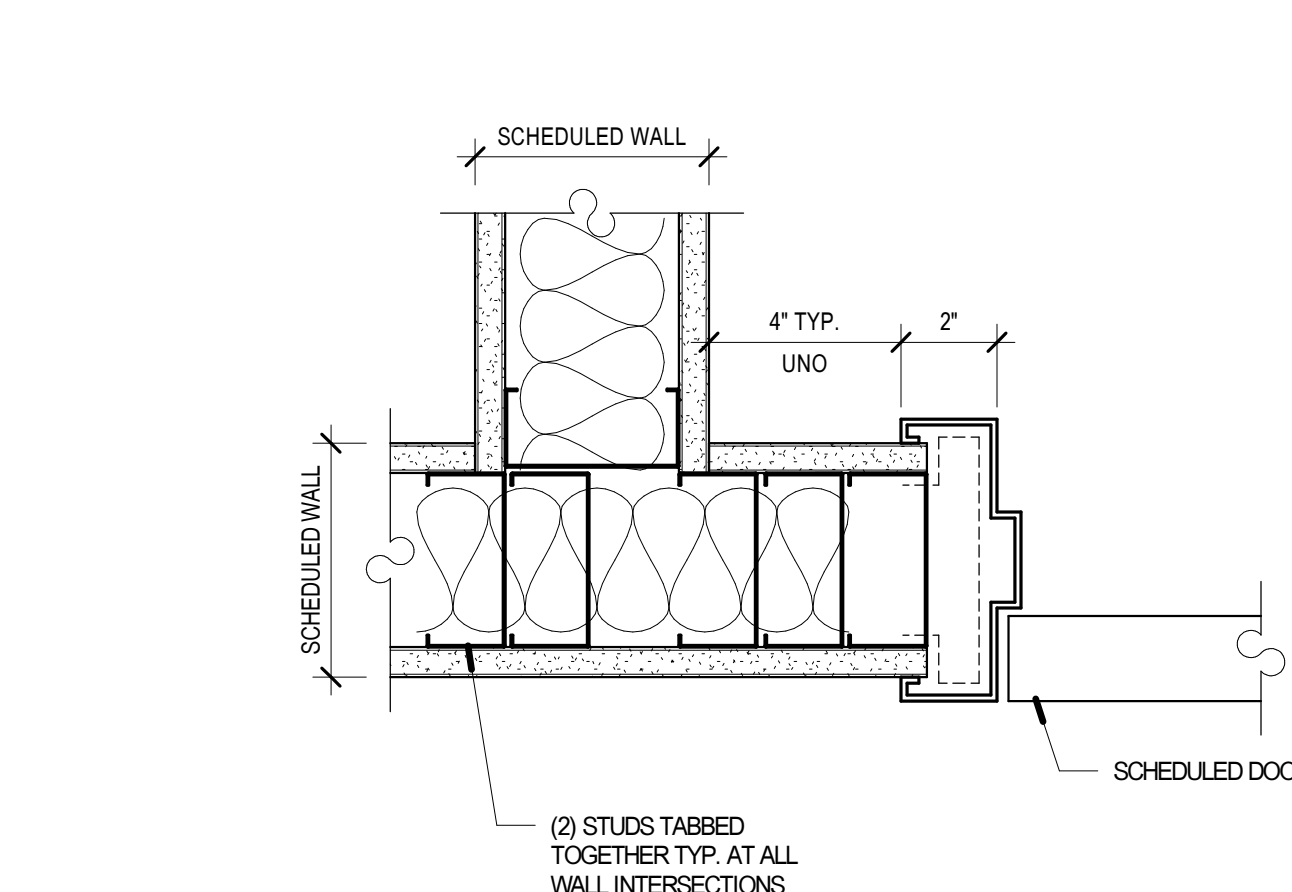
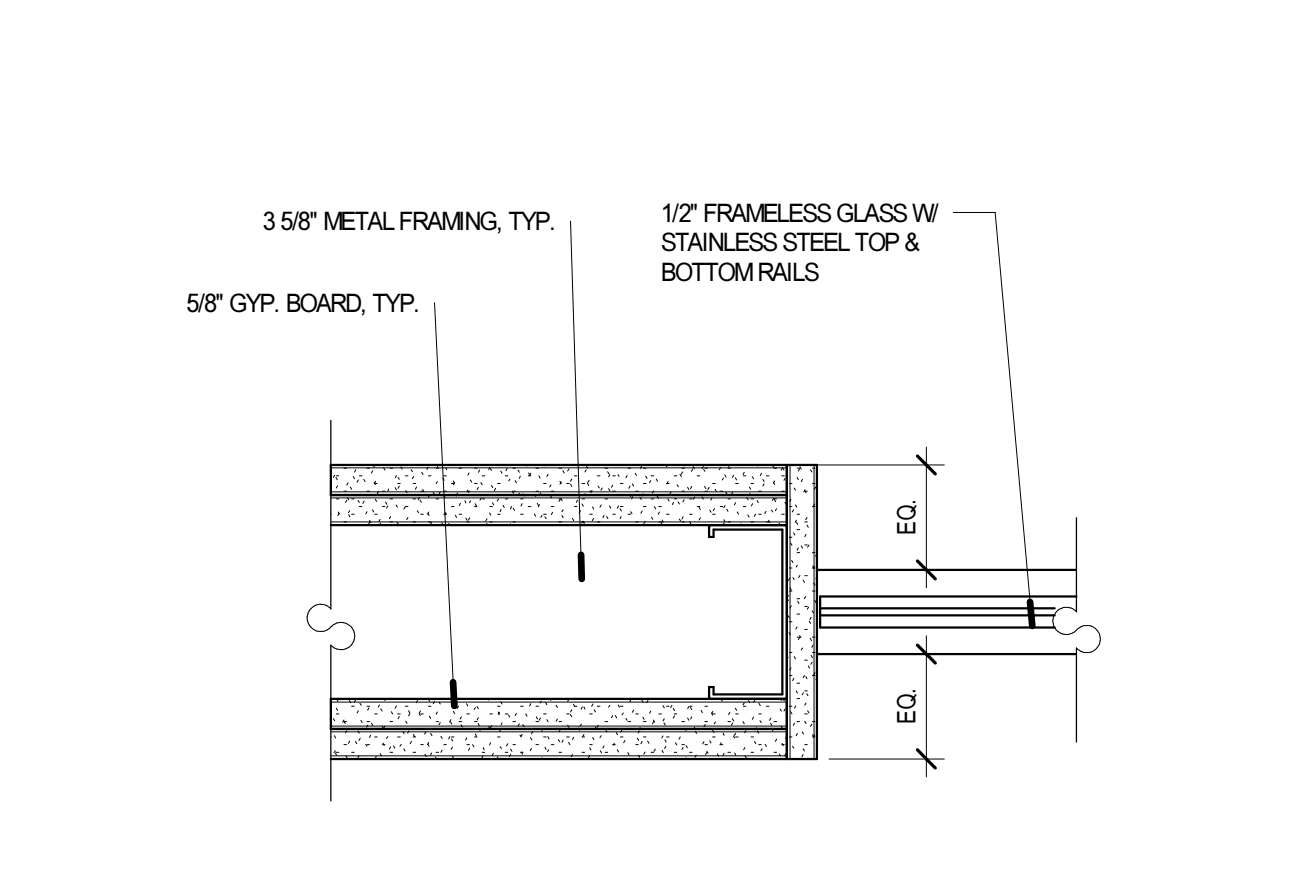
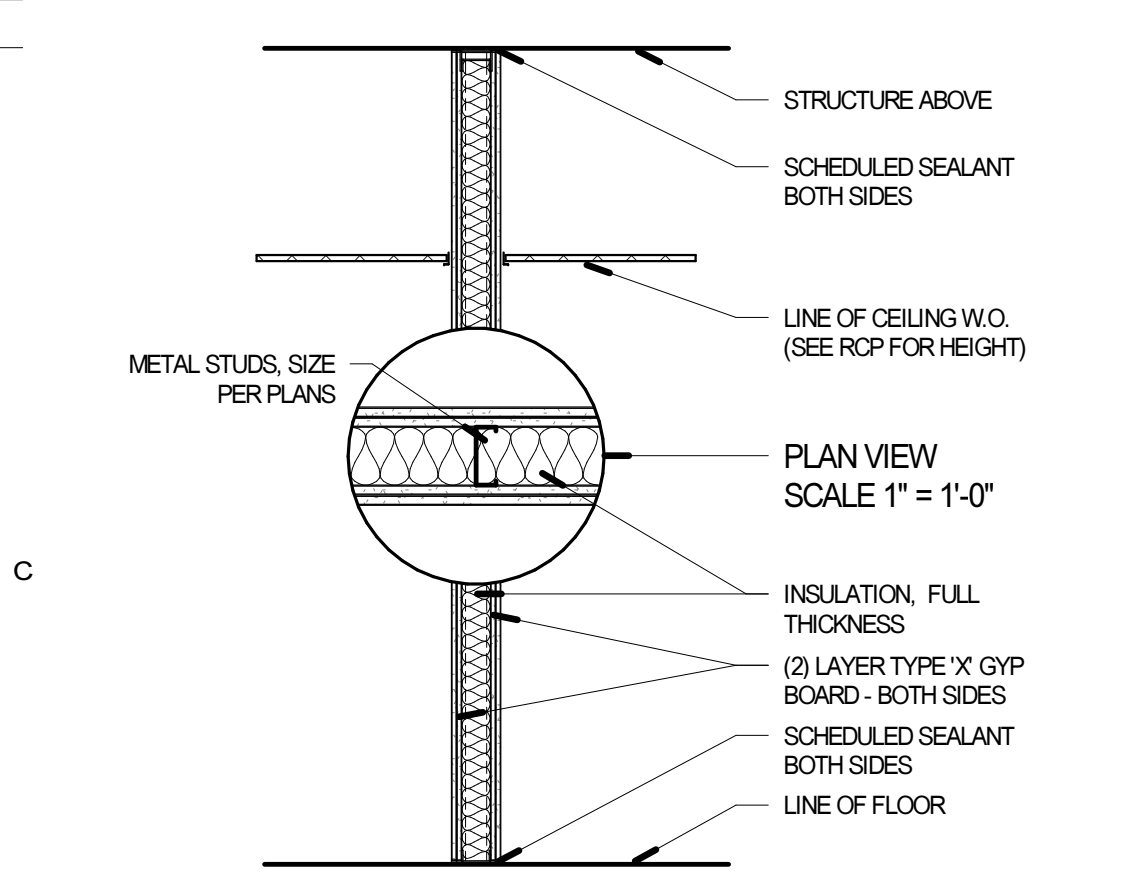
E4 TYP. SLIP JOINT @ PARTITION
SCALE: 3" = 1'-0"



D1 PARTITION - 9CX
SCALE: 1/2" = 1'-0"

D2 SILL @ FRAMELESS GLASS
SCALE: 3" = 1'-0"

D3 H.M. HEAD DETAIL
SCALE: 3" = 1'-0"

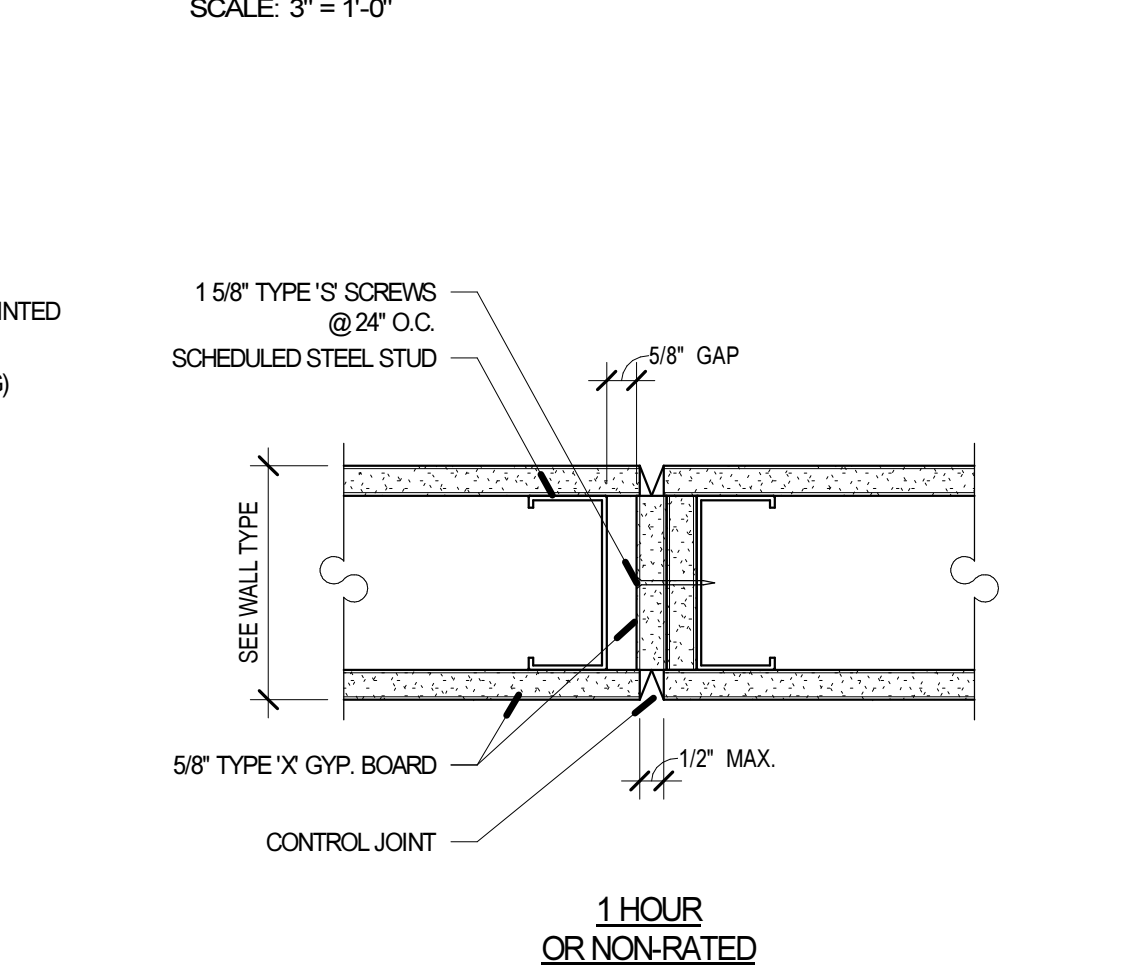
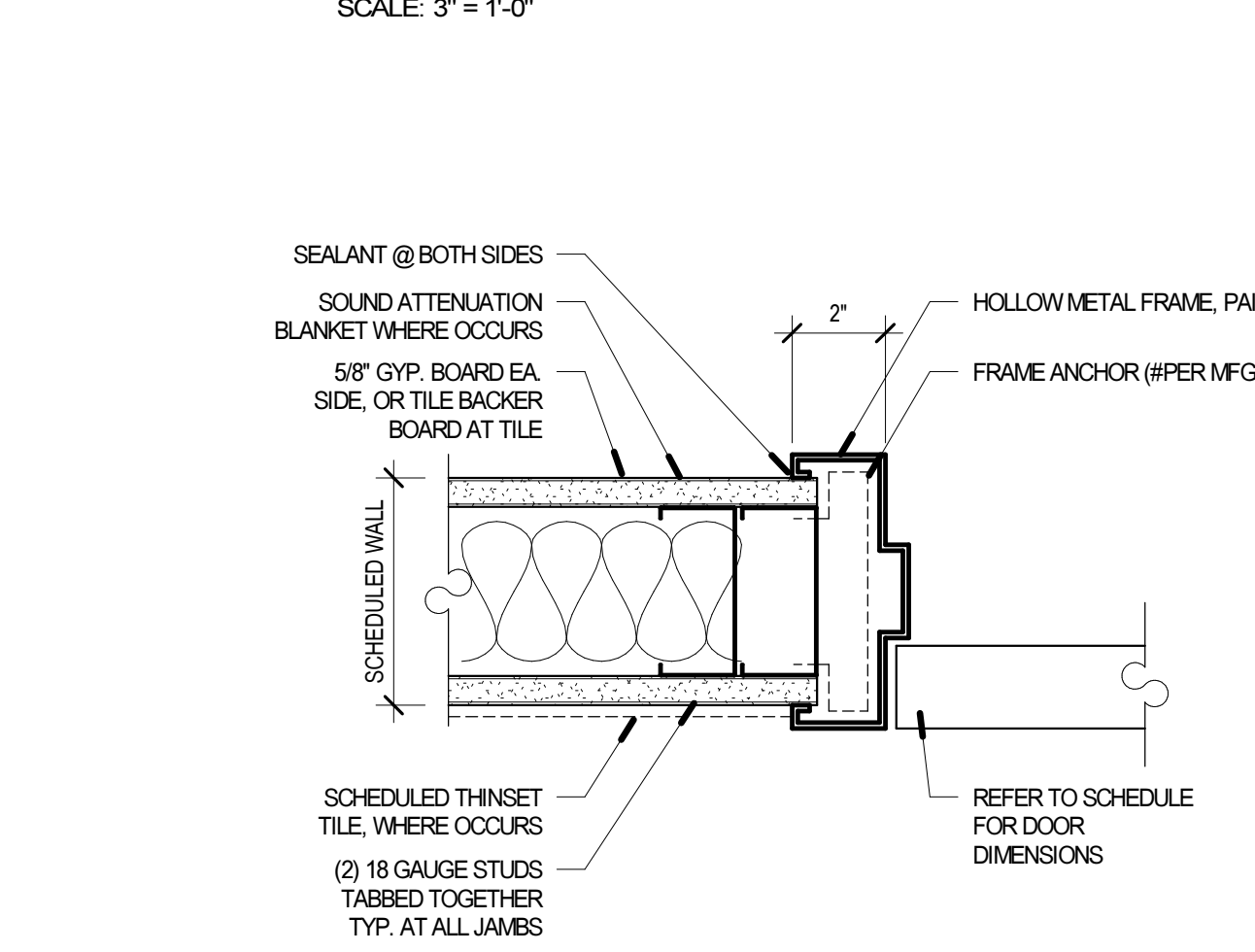
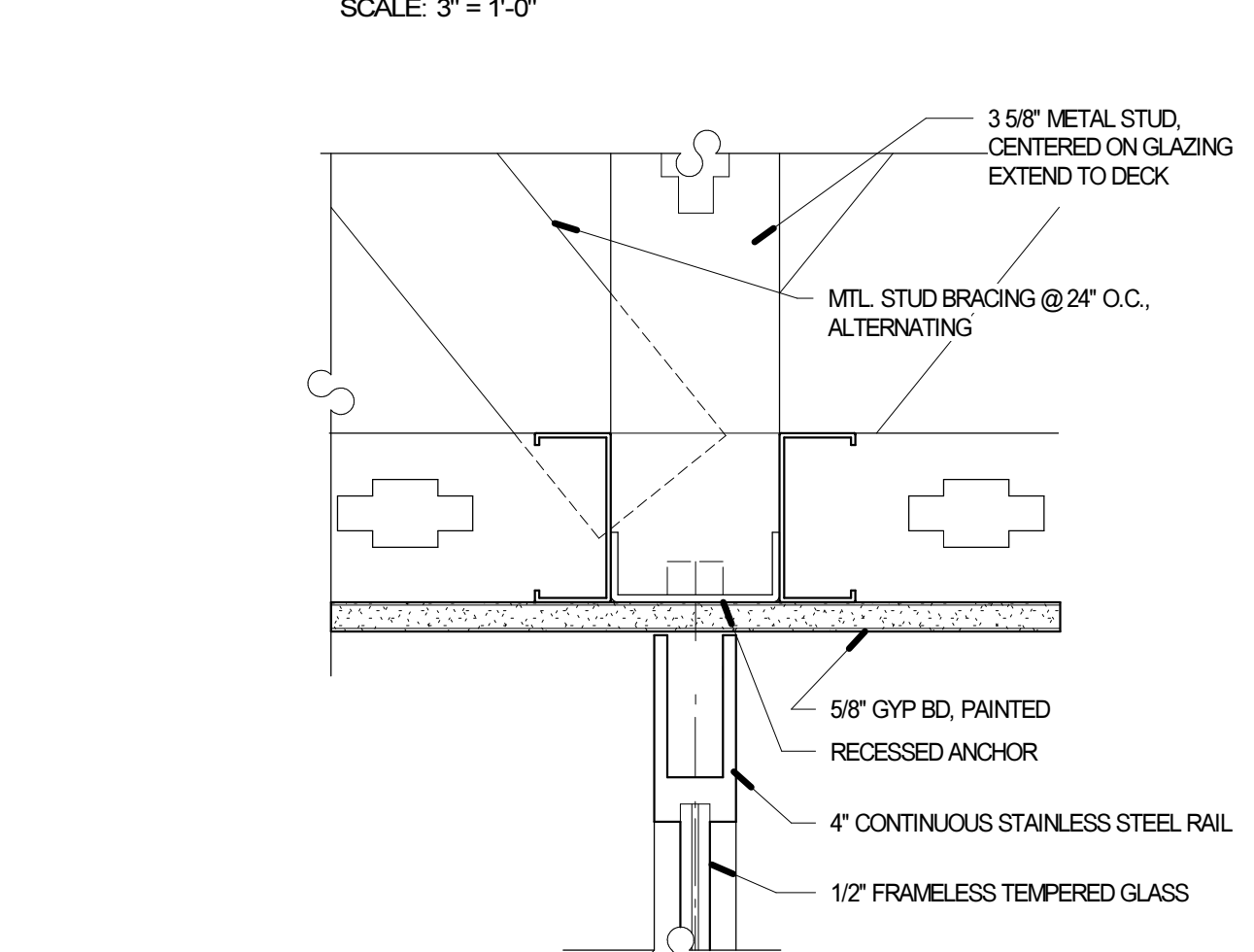
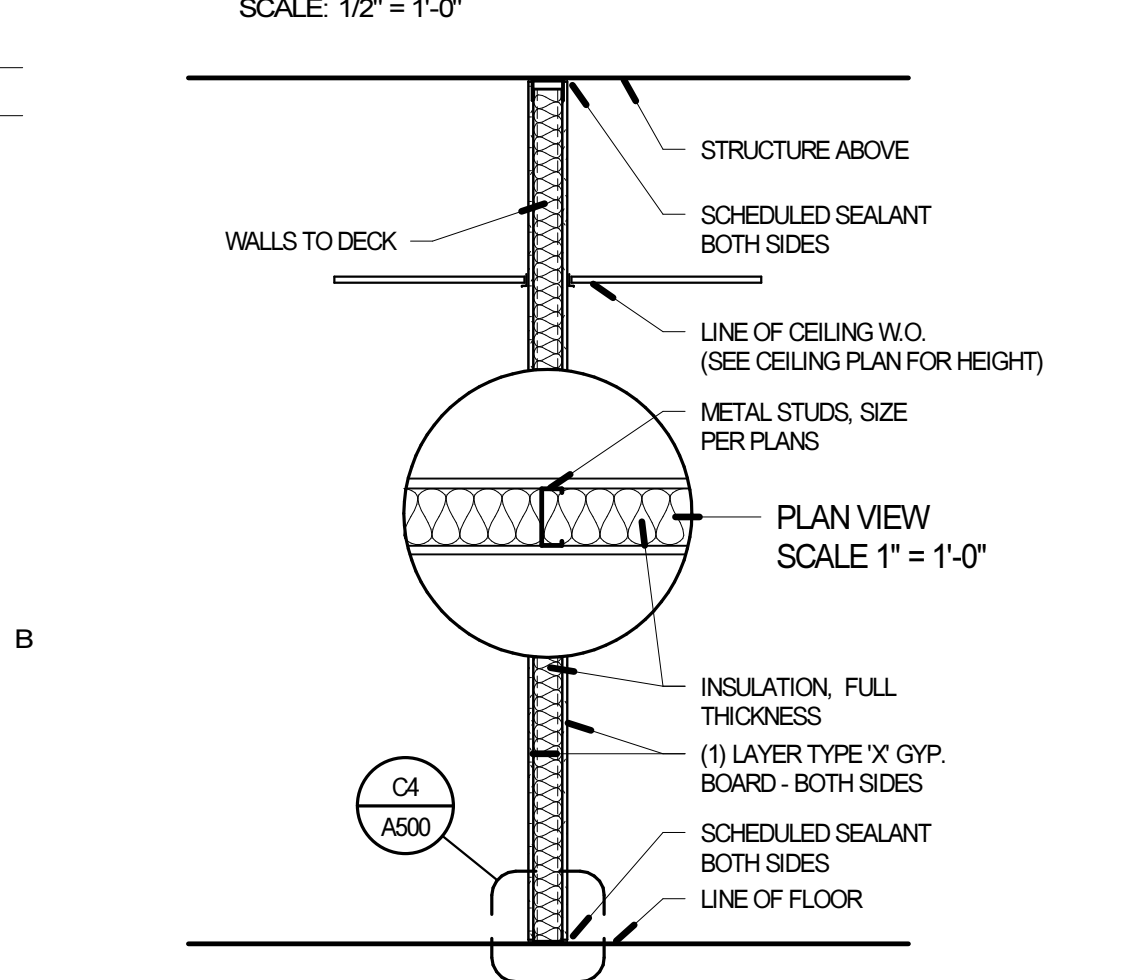


C1 PARTITION - 9BX
SCALE: 1/2" = 1'-0"

C2 JAMB @ FRAMELESS GLASS
SCALE: 3" = 1'-0"

C3 H.M. DOOR CORNER JAMB
SCALE: 3" = 1'-0"

C4 TYP. NON RATED PARTITION BASE
SCALE: 3" = 1'-0"

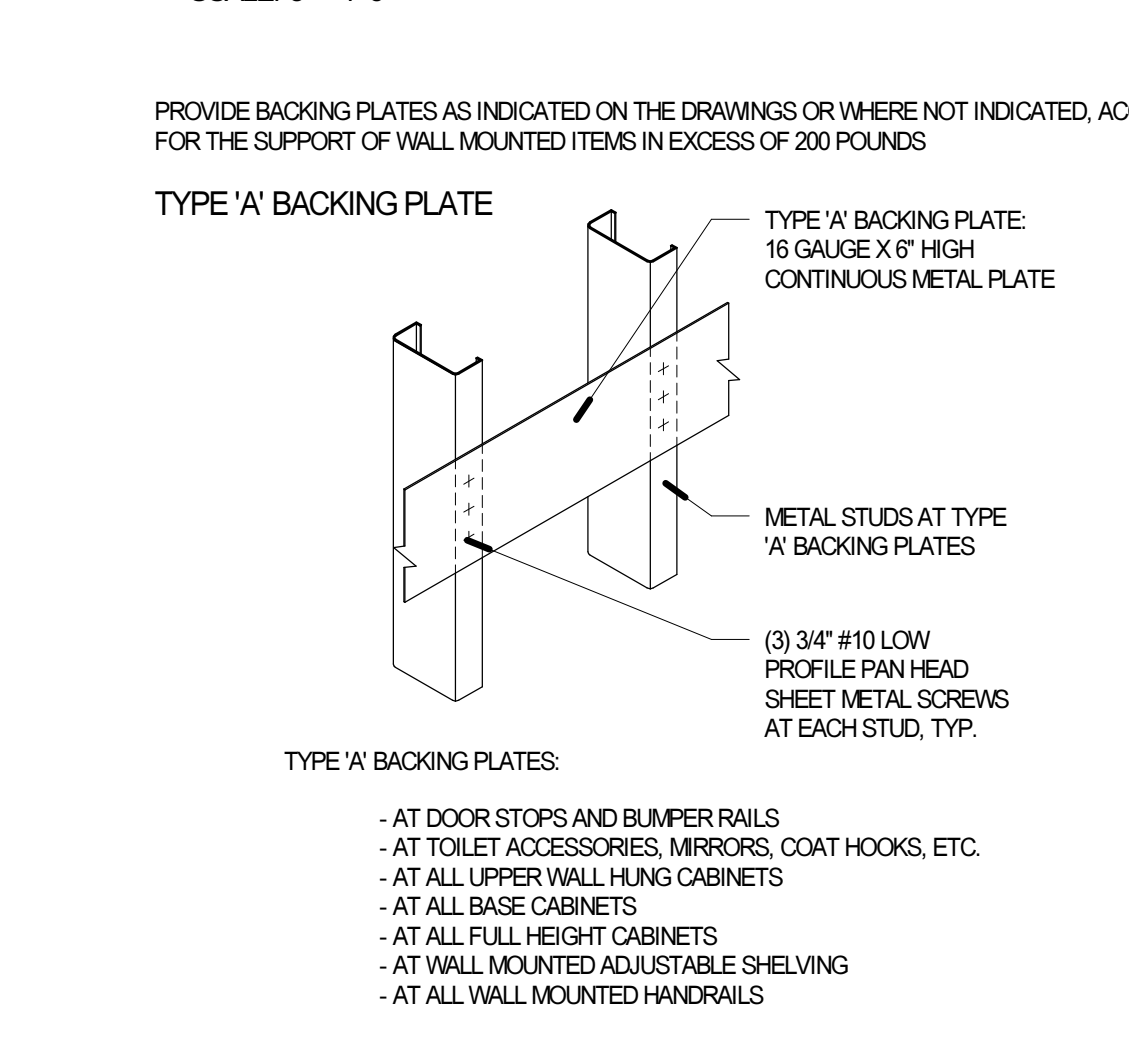
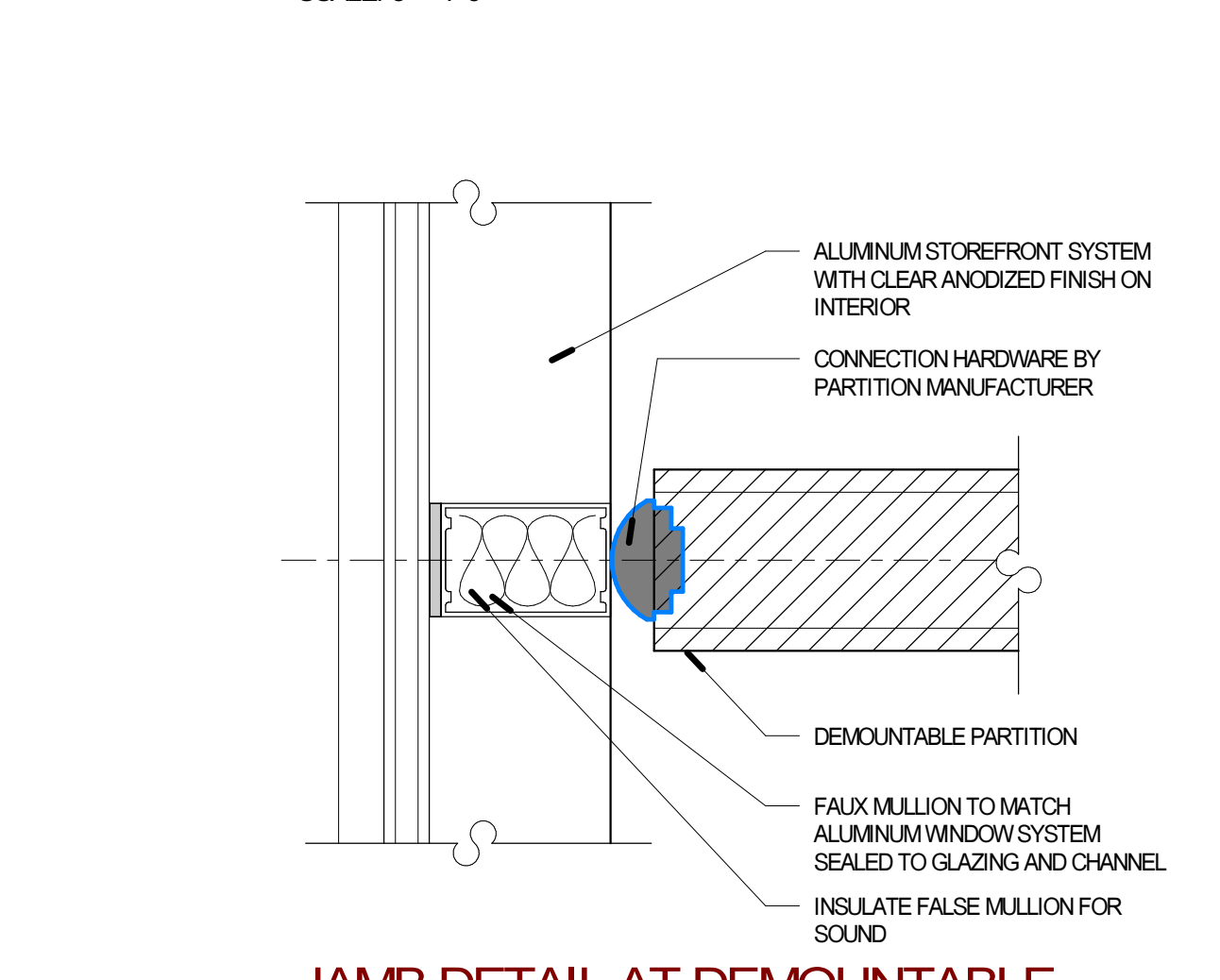
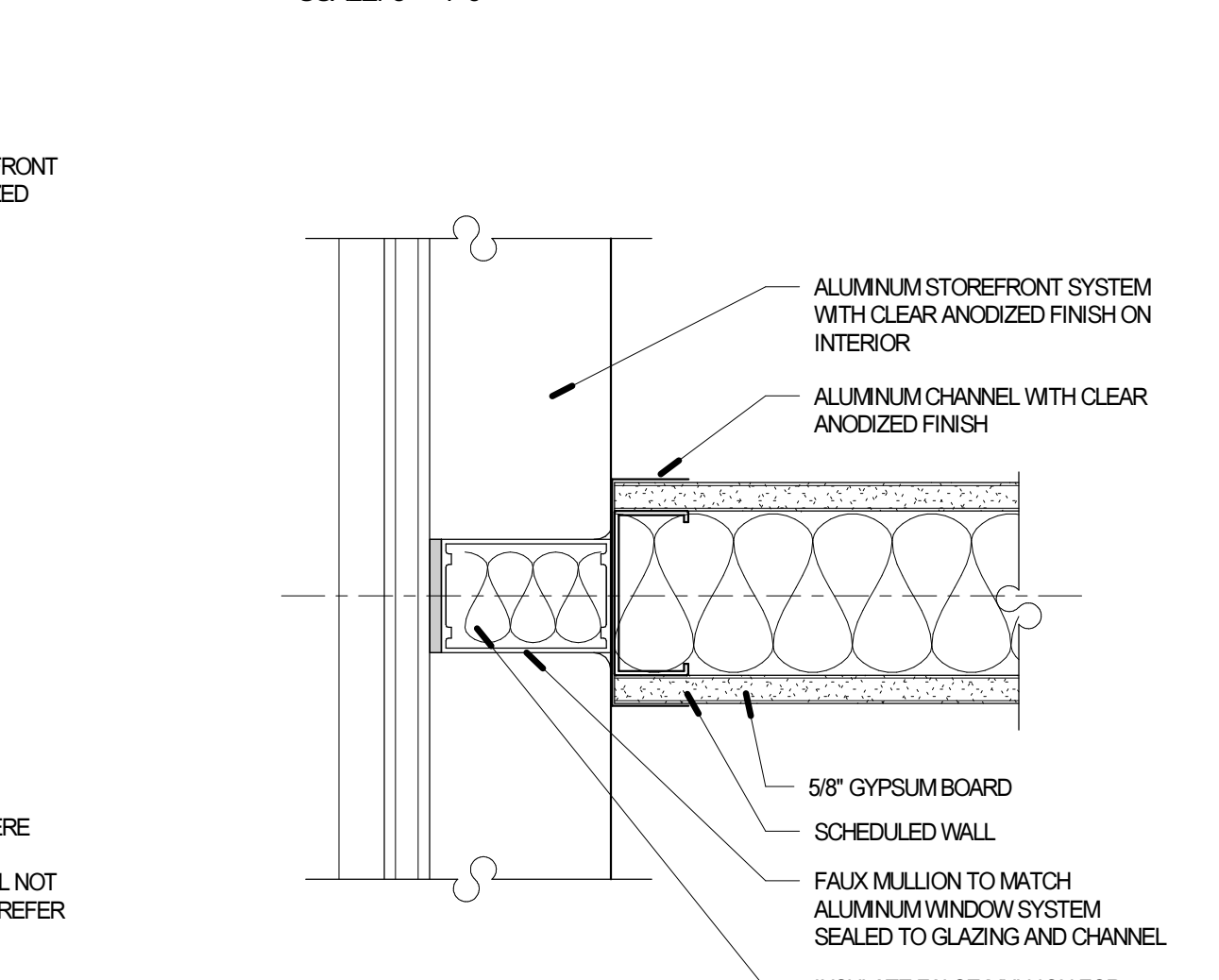
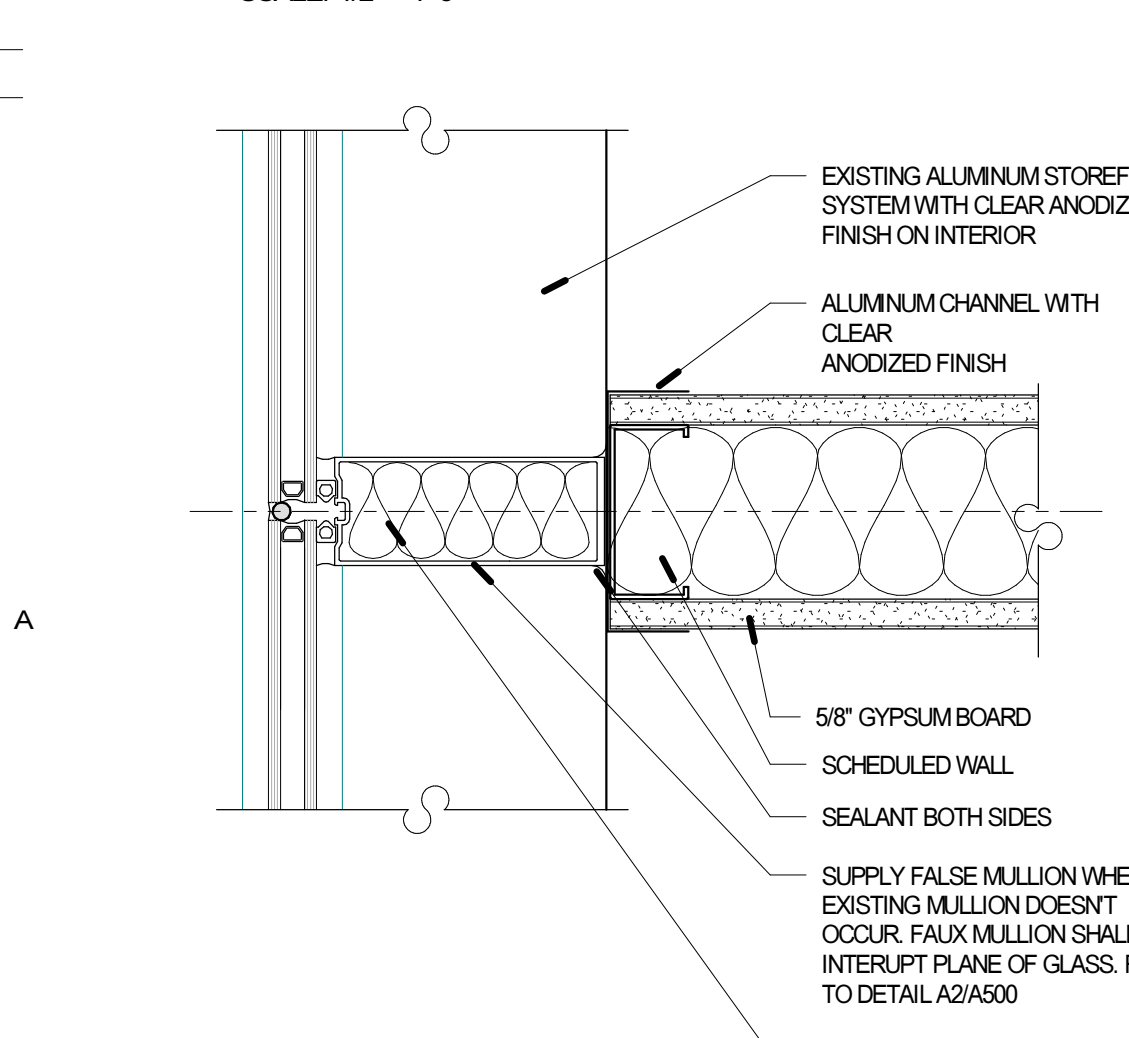


B1 PARTITION TYPE 9AX
SCALE: 1/2" = 1'-0"

B2 HEAD @ FRAMELESS GLASS
SCALE: 3" = 1'-0"

B3 H.M. JAMB DETAIL
SCALE: 3" = 1'-0"

B4 TYP. STUD FRAMED CONTROL JOINT
SCALE: 3" = 1'-0"



A1 ALUM JAMB DETAIL
SCALE: 3" = 1'-0"

A2 JAMB DETAIL
SCALE: 3" = 1'-0"

A3 JAMB DETAIL AT DEMOUNTABLE PARTITION
SCALE: 3" = 1'-0"

A4 TYP. BACKING PLATE SCHEDULE
SCALE: 3/16" = 1'-0"

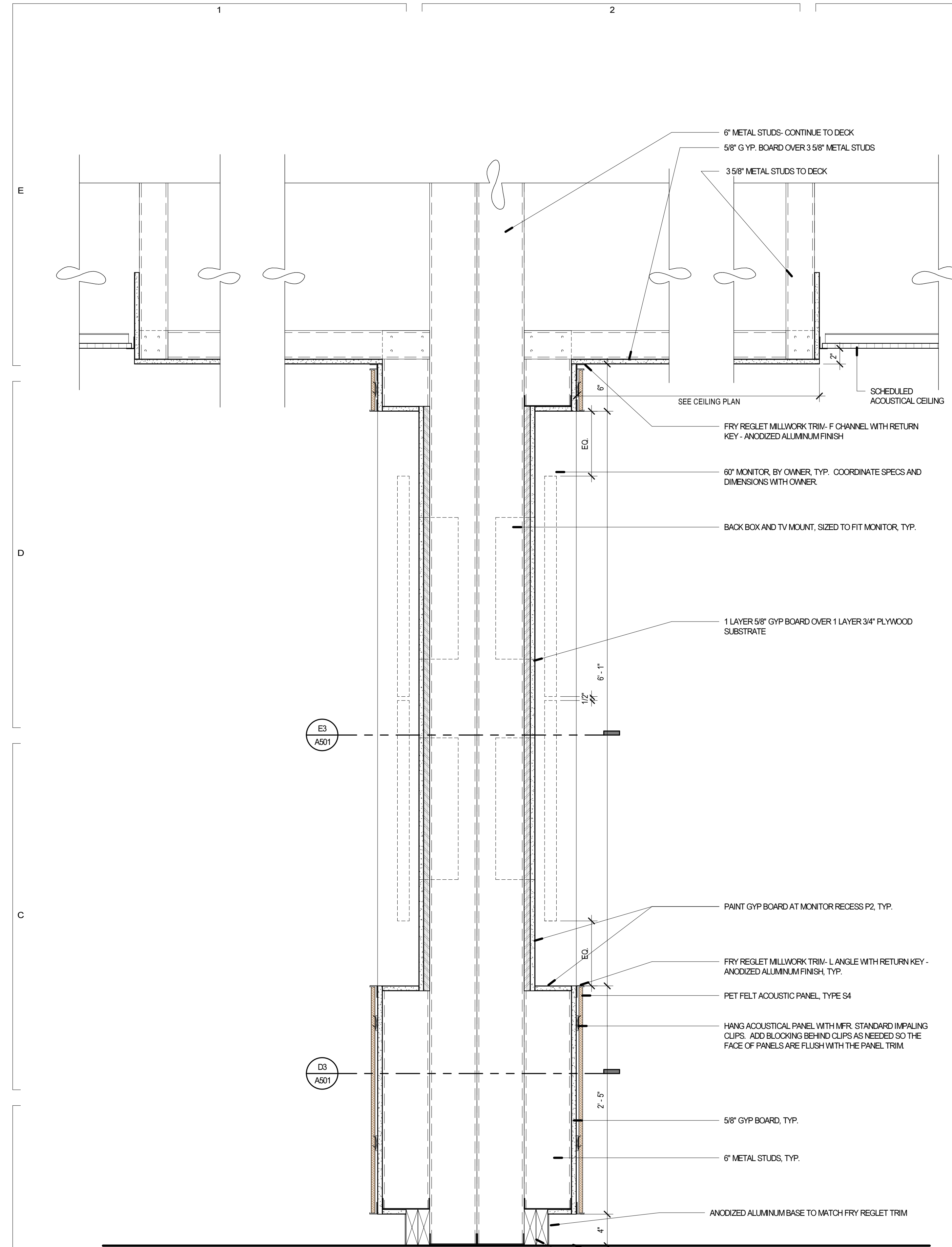


REV DATE DESCRIPTION

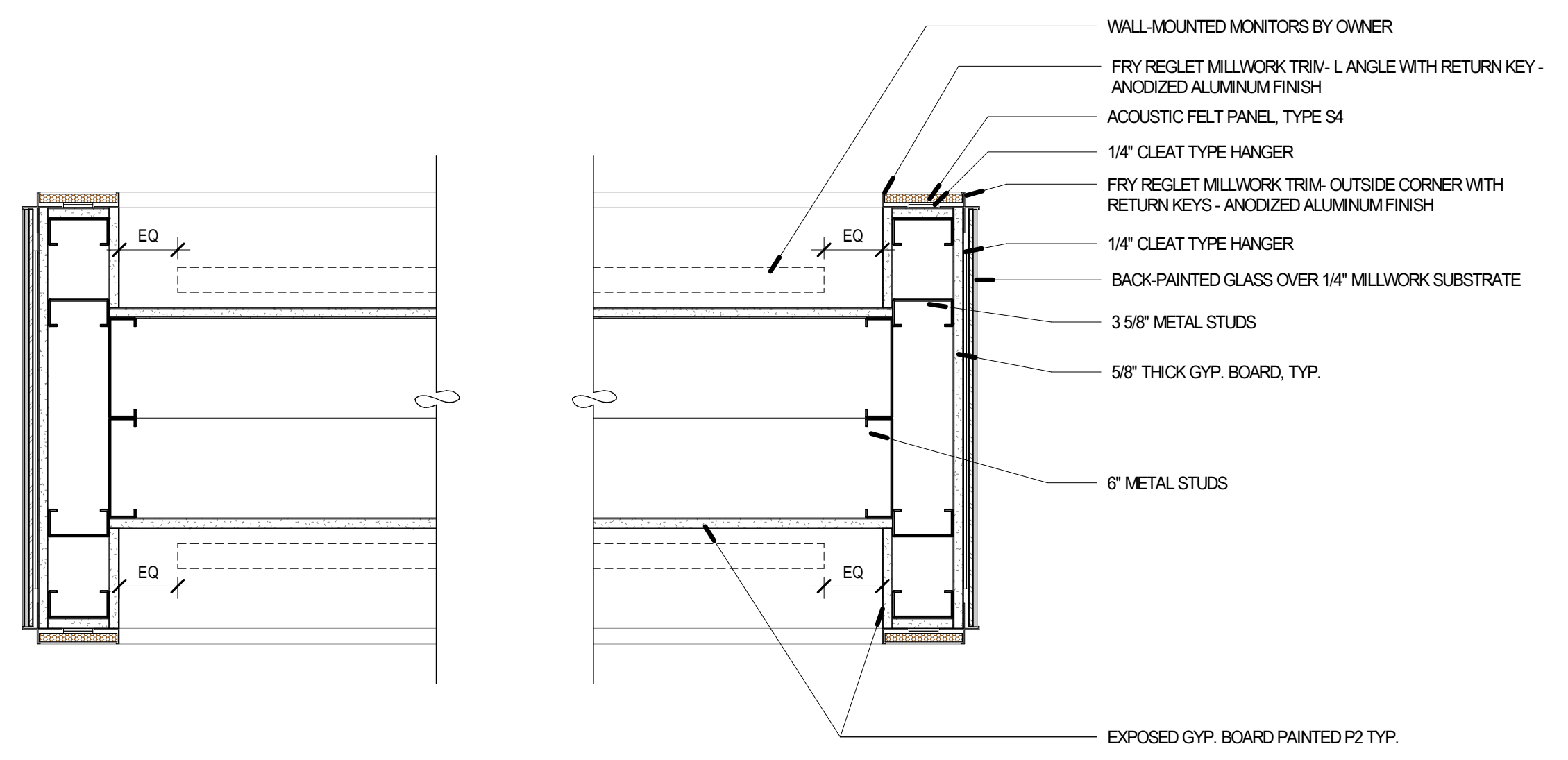
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| 3 | 12-22-22 | A51 002 City Comments |
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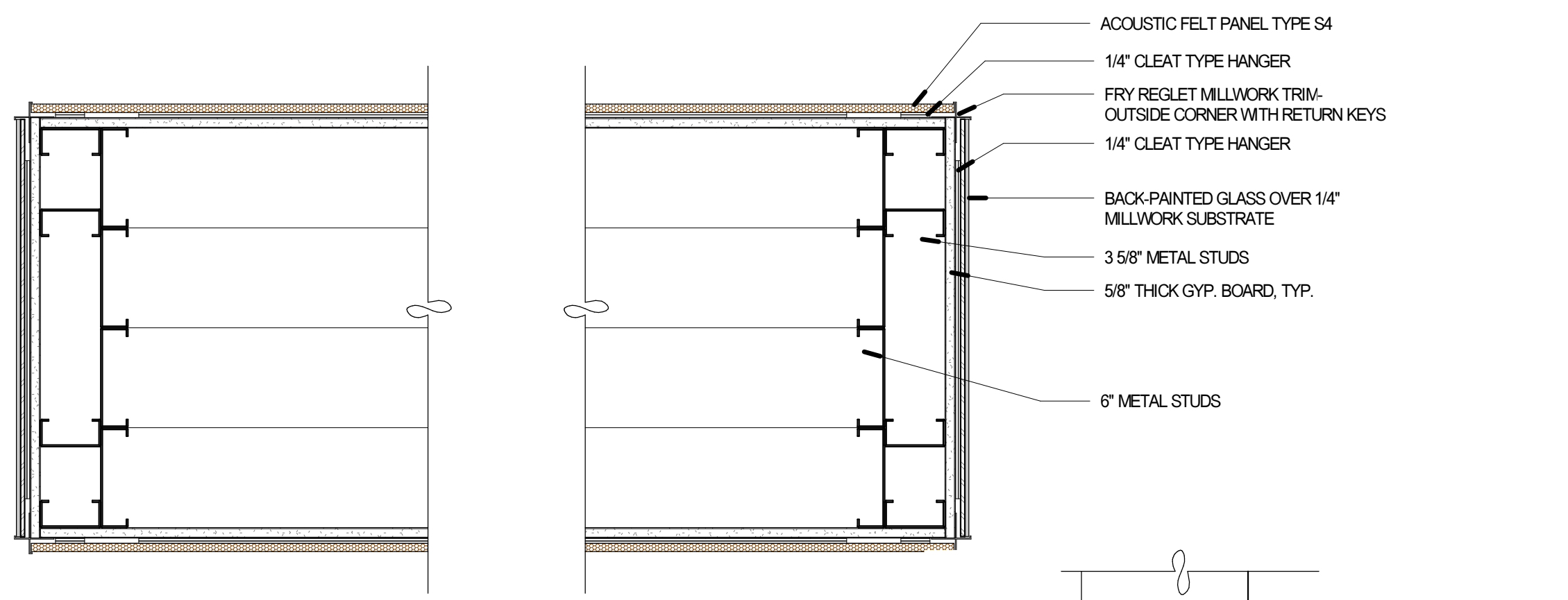
CLASSIC AIR - VCT 5TH FLOOR REMODEL
INTERMOUNTAIN HEALTHCARE
VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
MURRAY, UTAH
BID SET



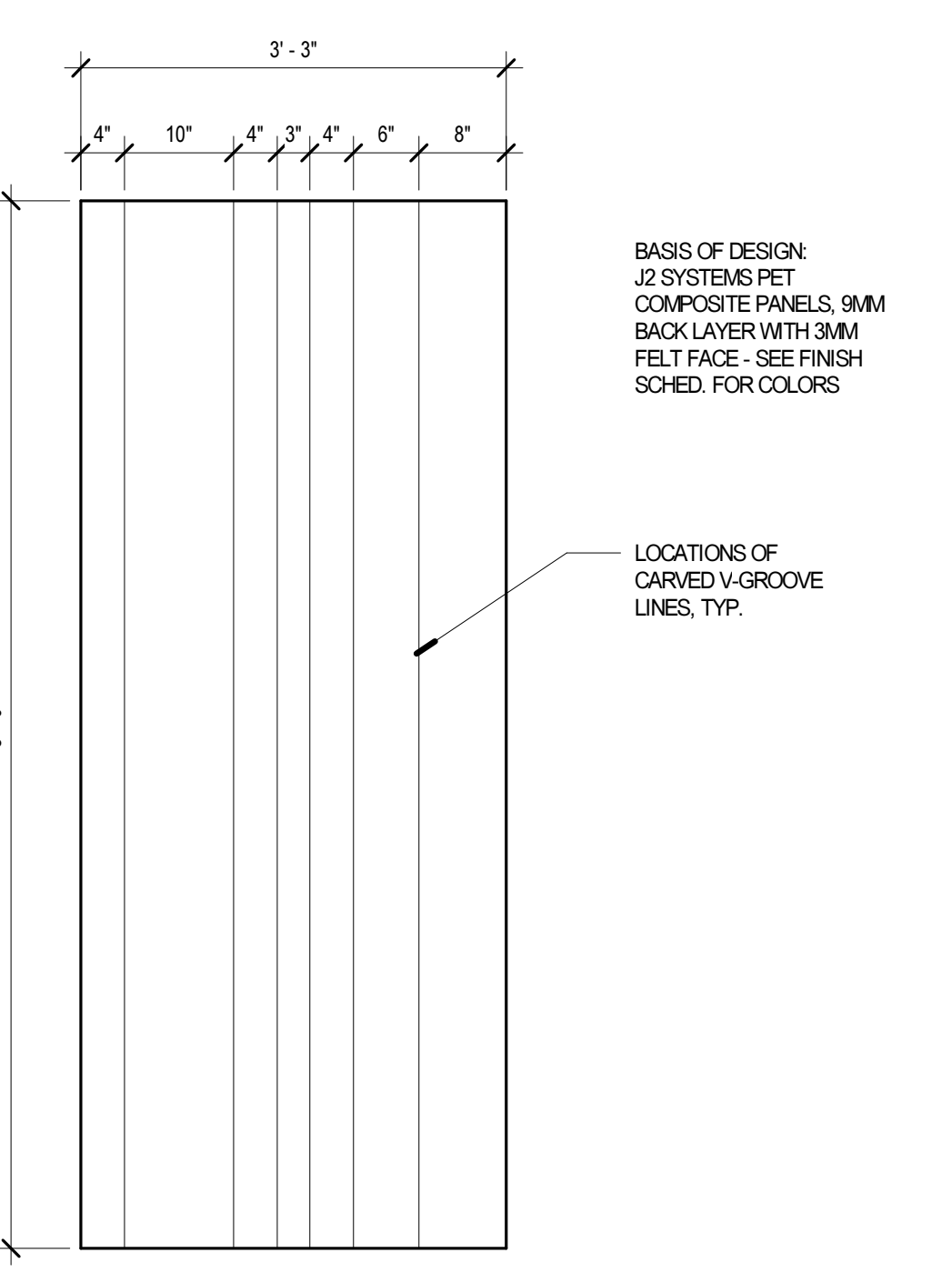
B1 VERTICAL SECTION AT MONITOR WALL
SCALE: 1 1/2" = 1'-0"



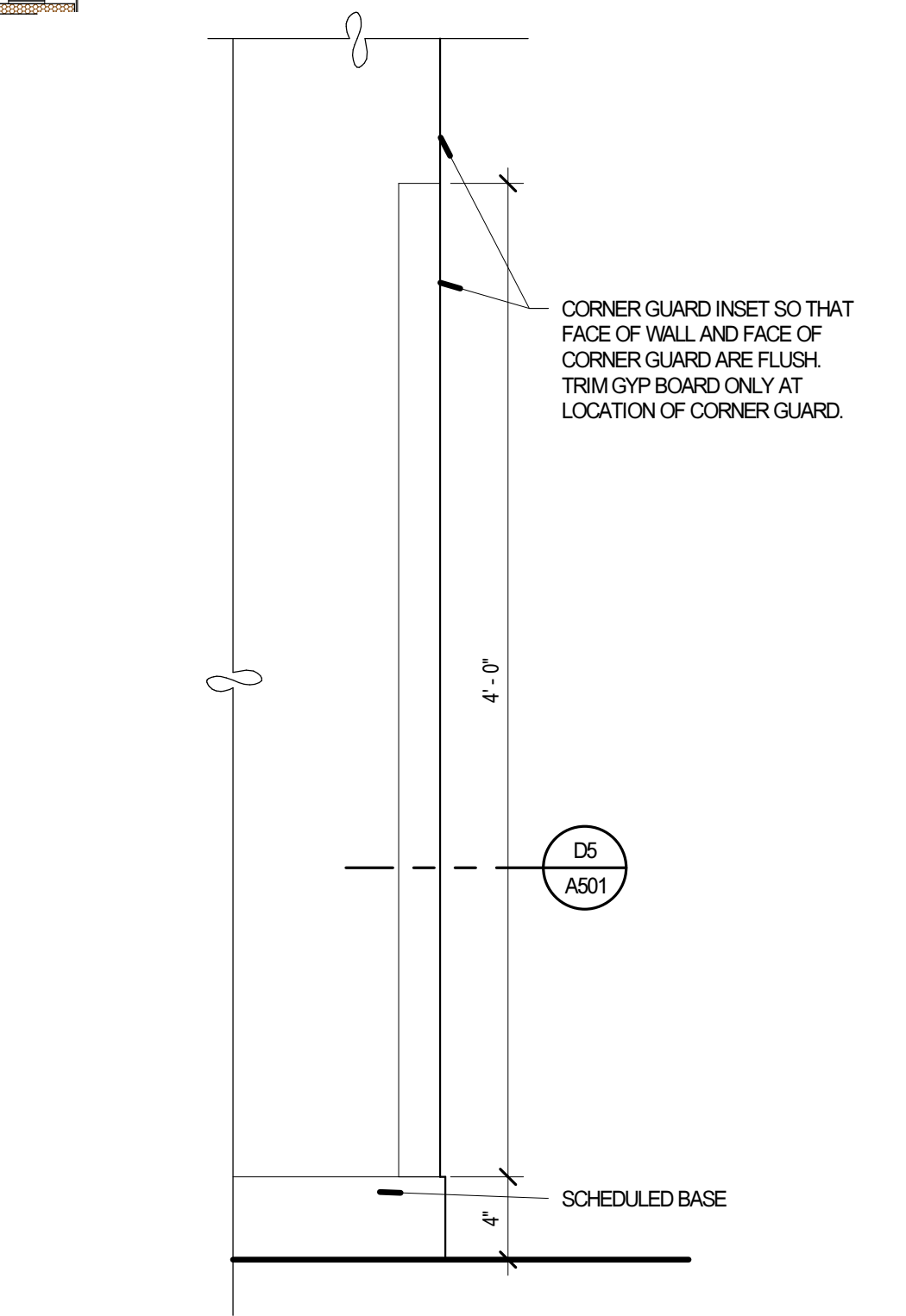
E3 PLAN SECTION 1 AT MONITOR WALL
SCALE: 1 1/2" = 1'-0"



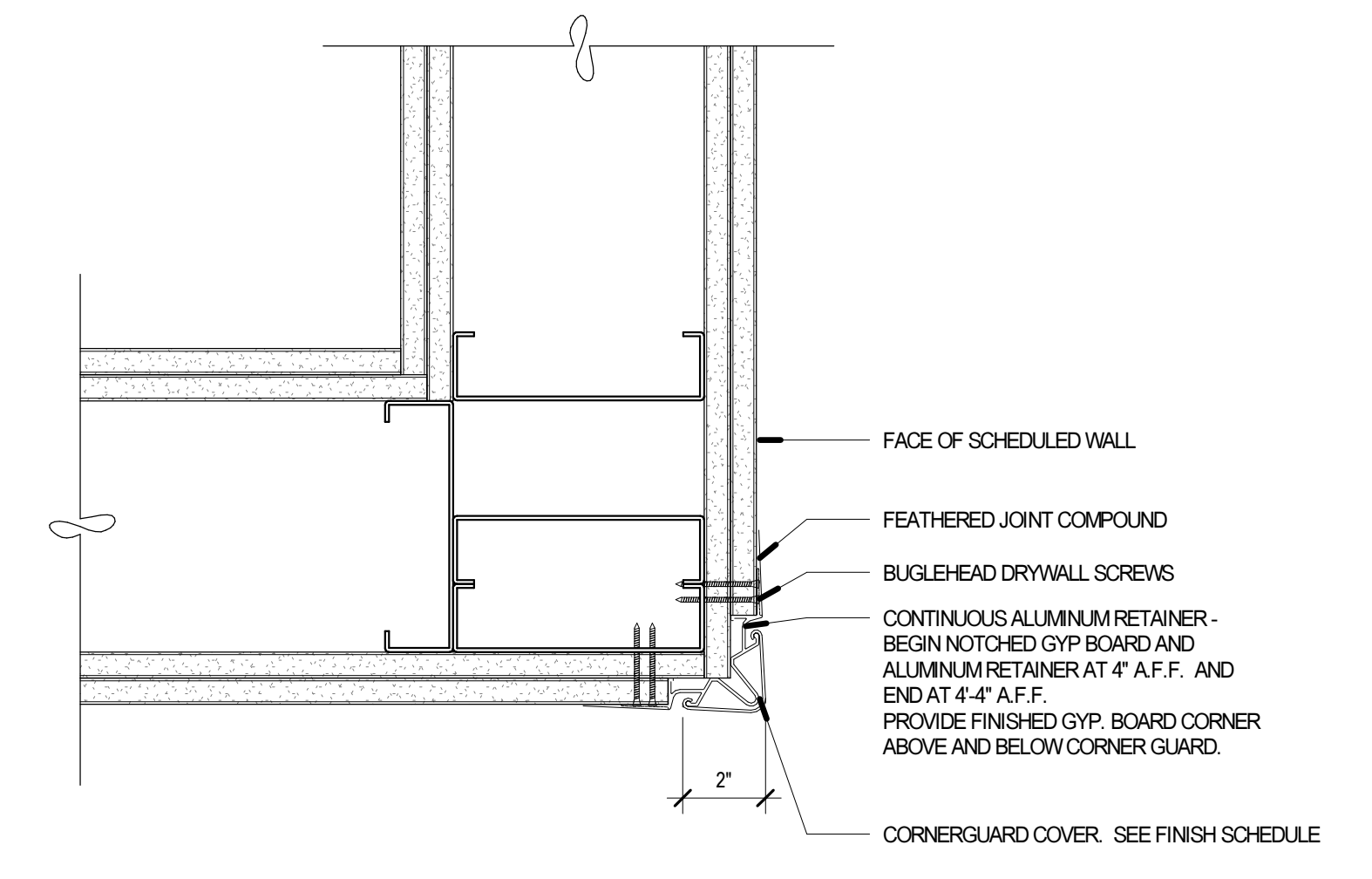
D3 PLAN SECTION 2 AT MONITOR WALL
SCALE: 1 1/2" = 1'-0"



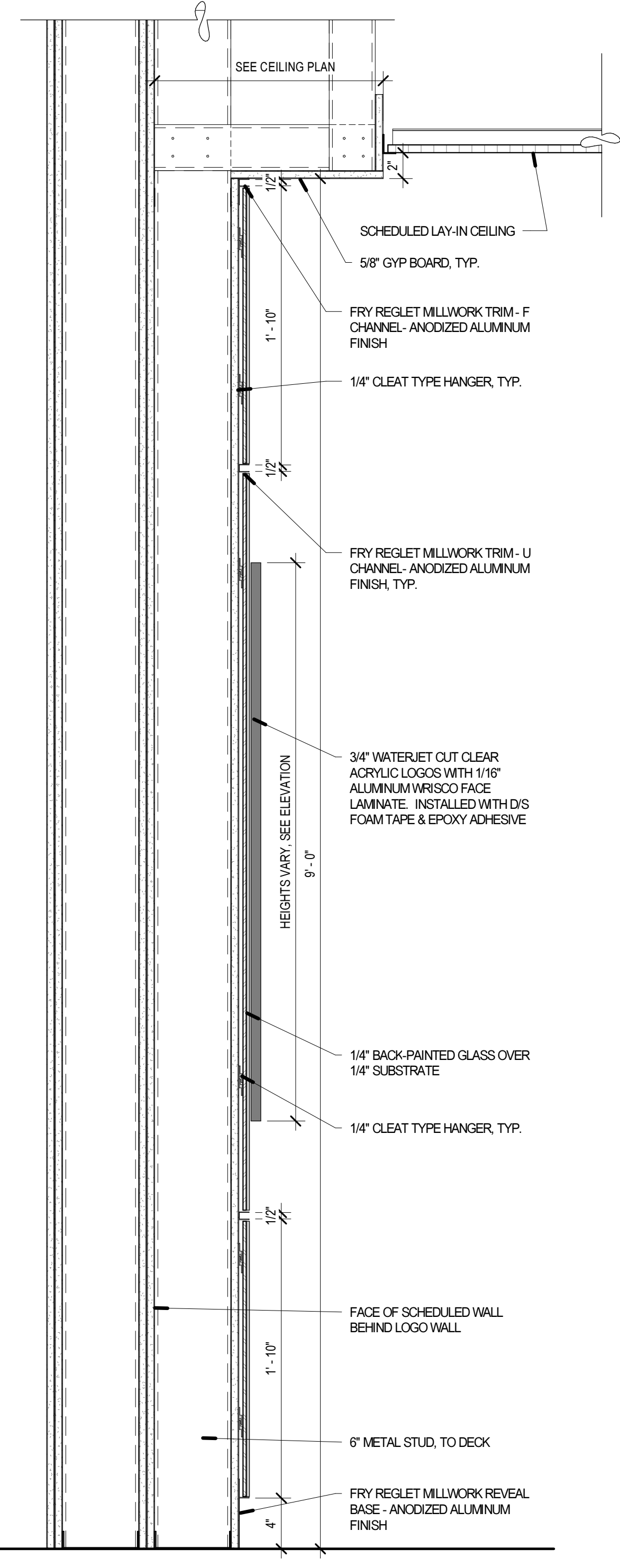
E3 CUSTOM PATTERN AT ACUSTICAL FELT PANELS, TYPE S4
SCALE: 3/4" = 1'-0"



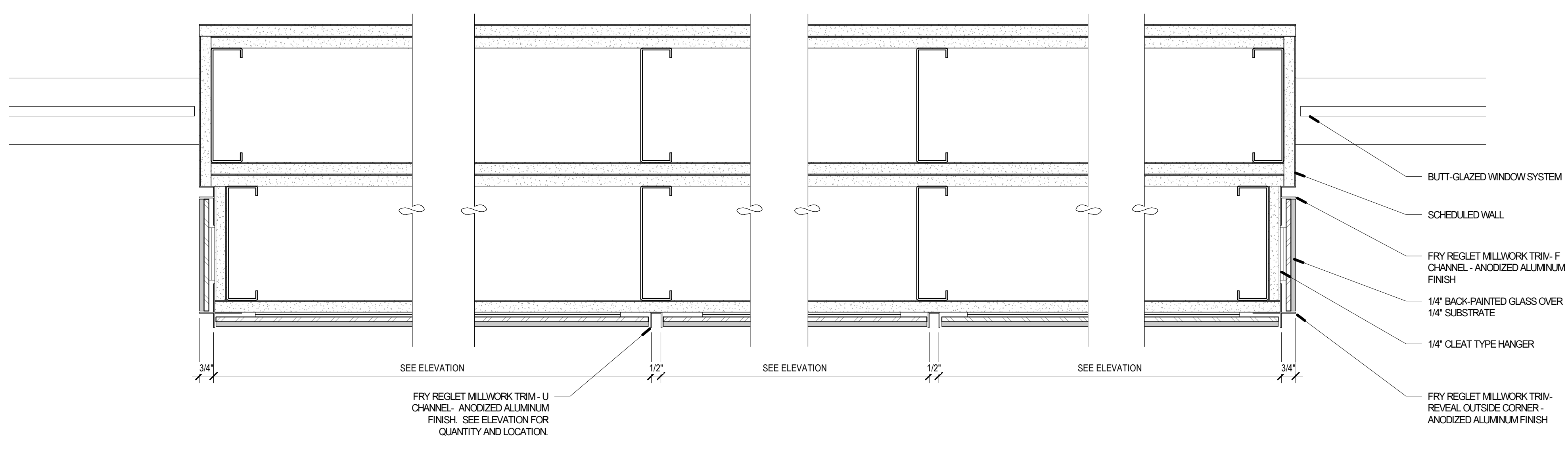
B4 FLUSH-MOUNT CORNER GUARD
SCALE: 1 1/2" = 1'-0"



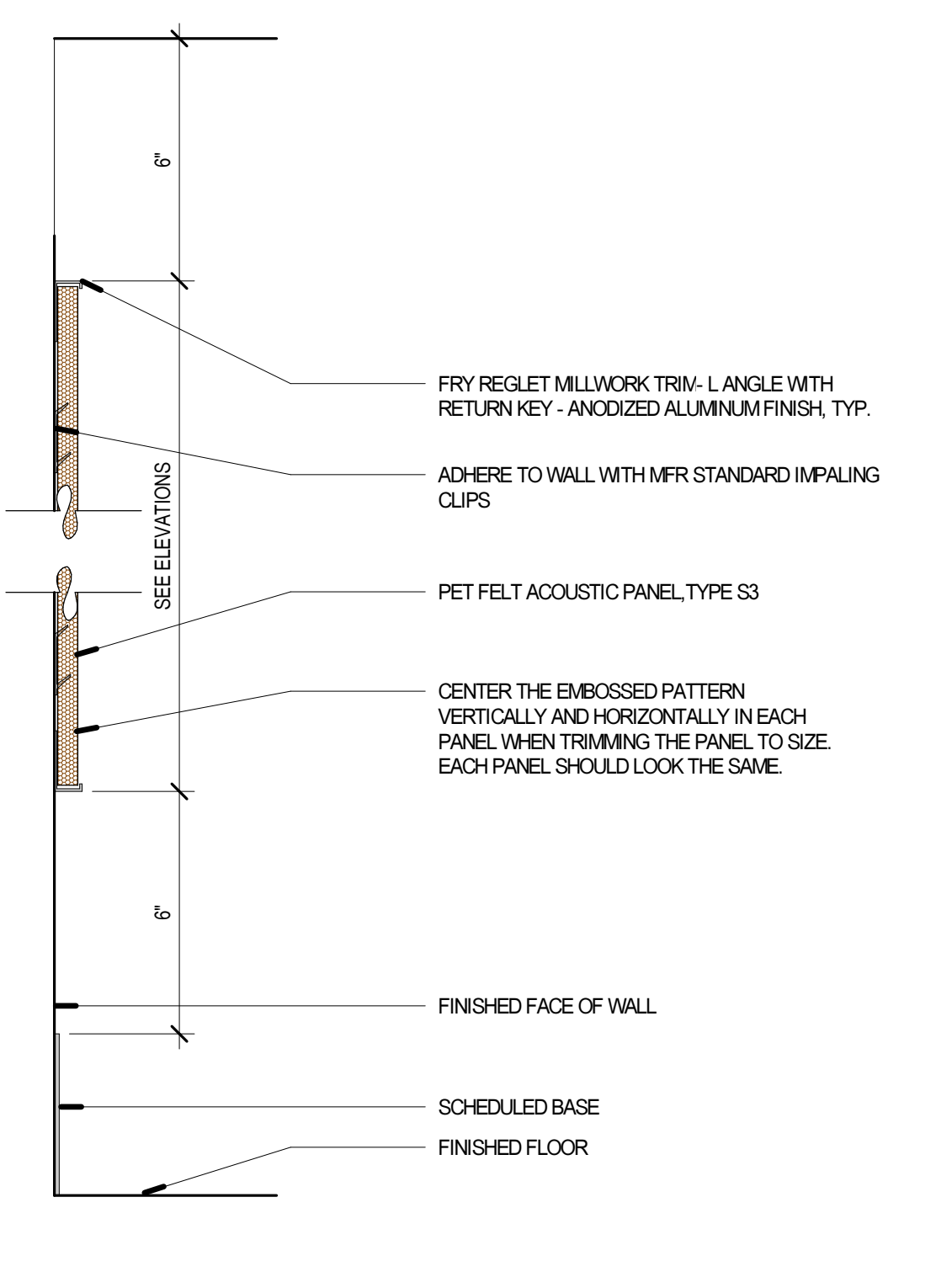
D5 PLAN SECTION @ CORNER GUARD
SCALE: 3" = 1'-0"



A5 SECTION @ LOGO WALL
SCALE: 1 1/2" = 1'-0"



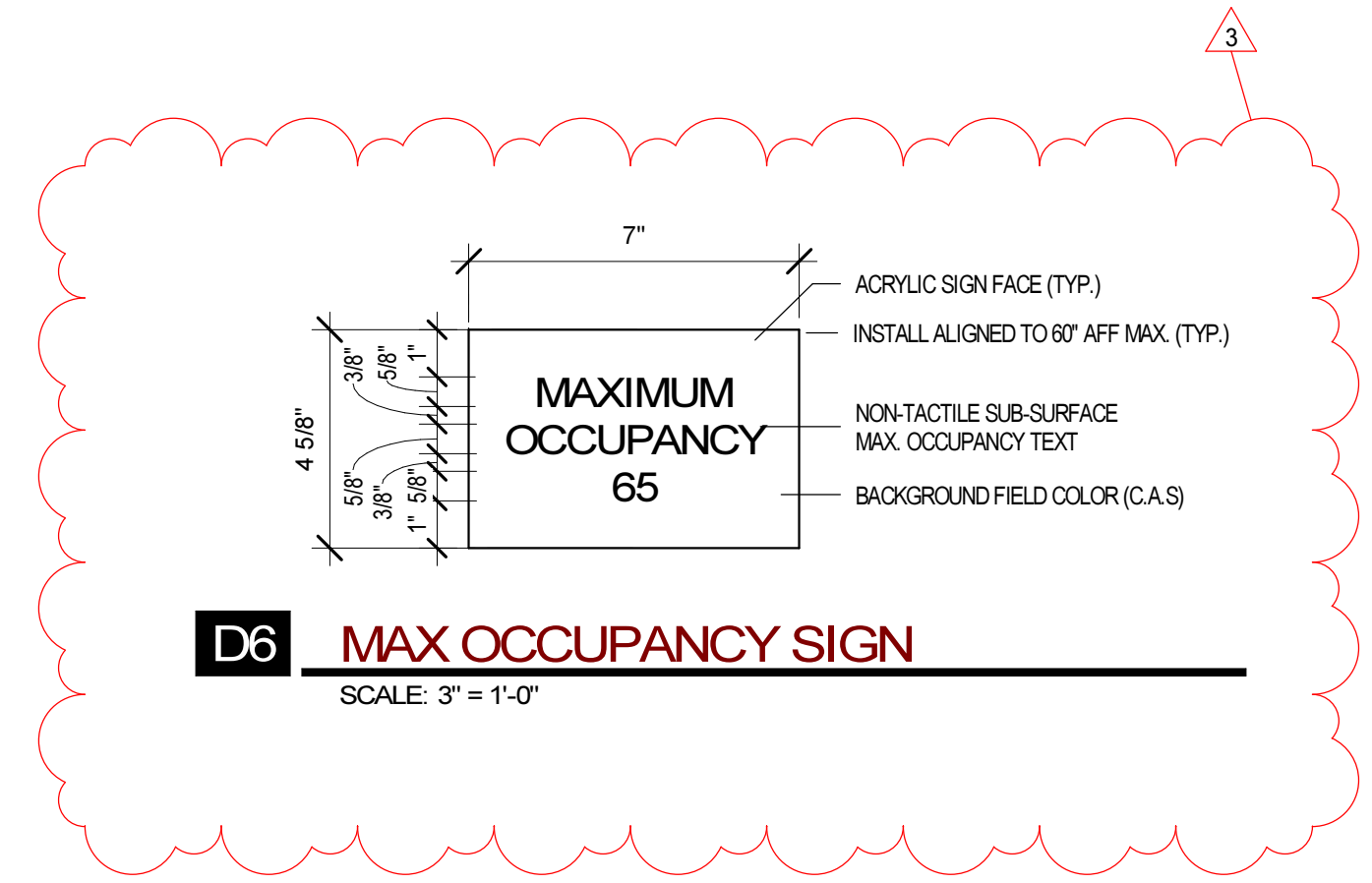
A1 PLAN SECTION @ LOGO WALL
SCALE: 3" = 1'-0"



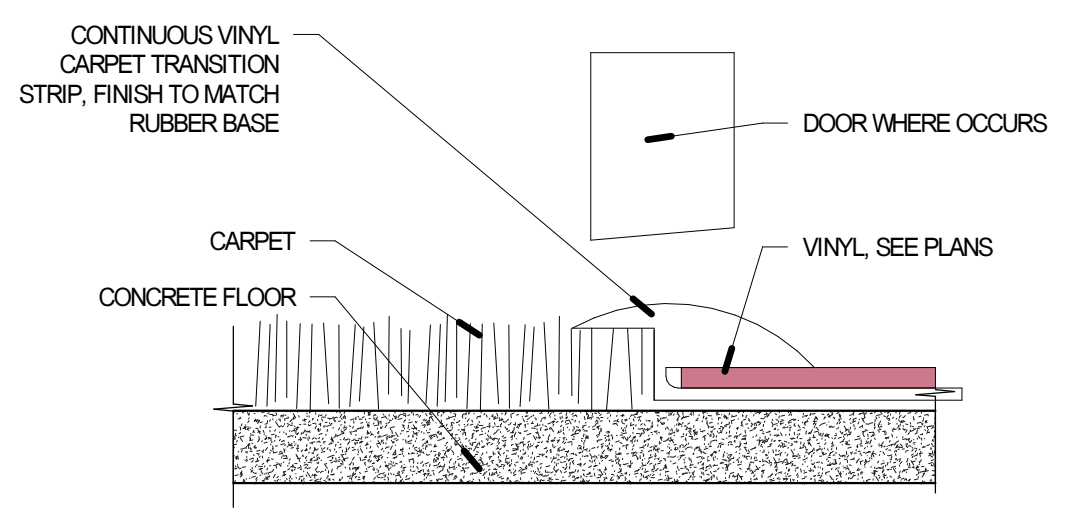
A4 ACUSTICAL PANEL DETAIL
SCALE: 3" = 1'-0"

| REV | DATE | DESCRIPTION |
|----------------|------------|-------------|
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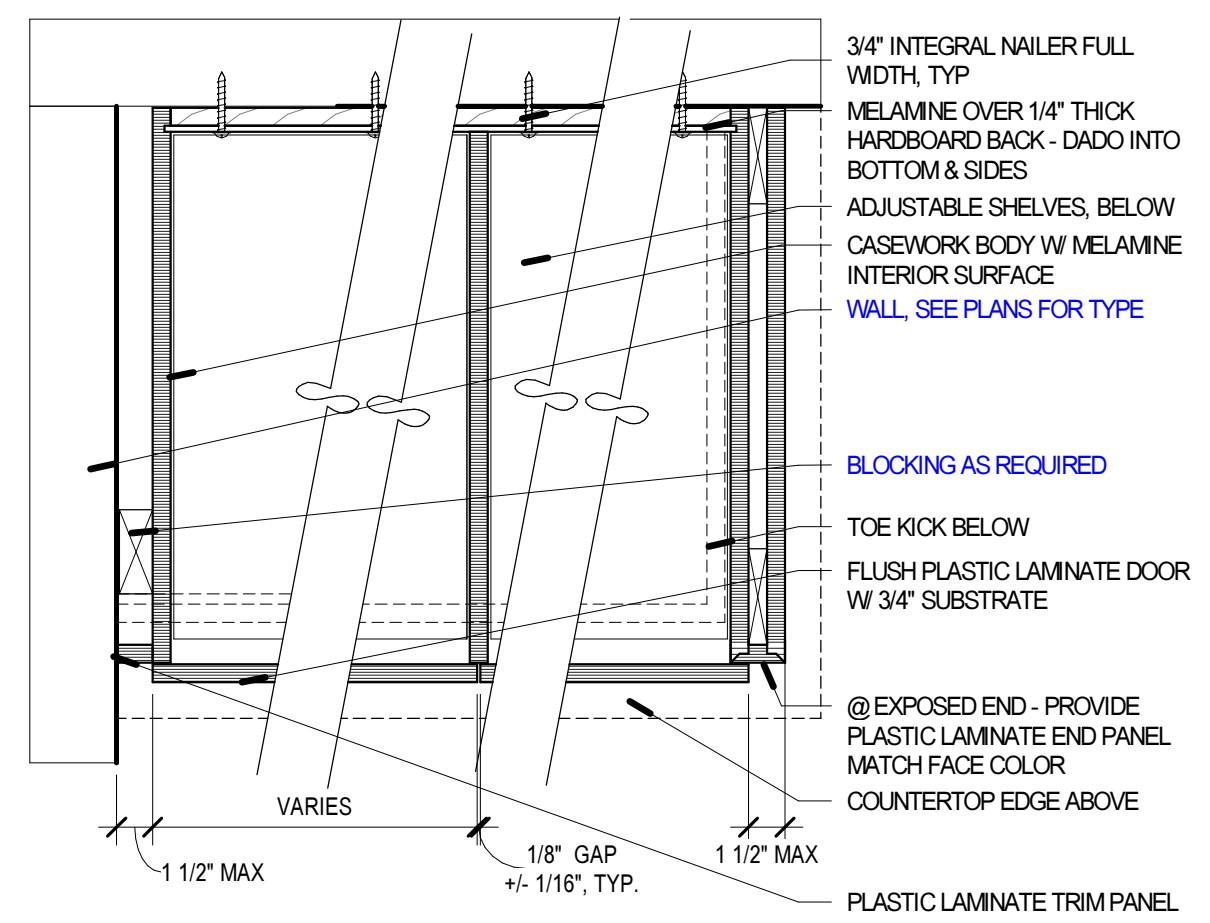
CLASSIC AIR - VCT 5TH FLOOR REMODEL
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MURRAY, UTAH
BID SET



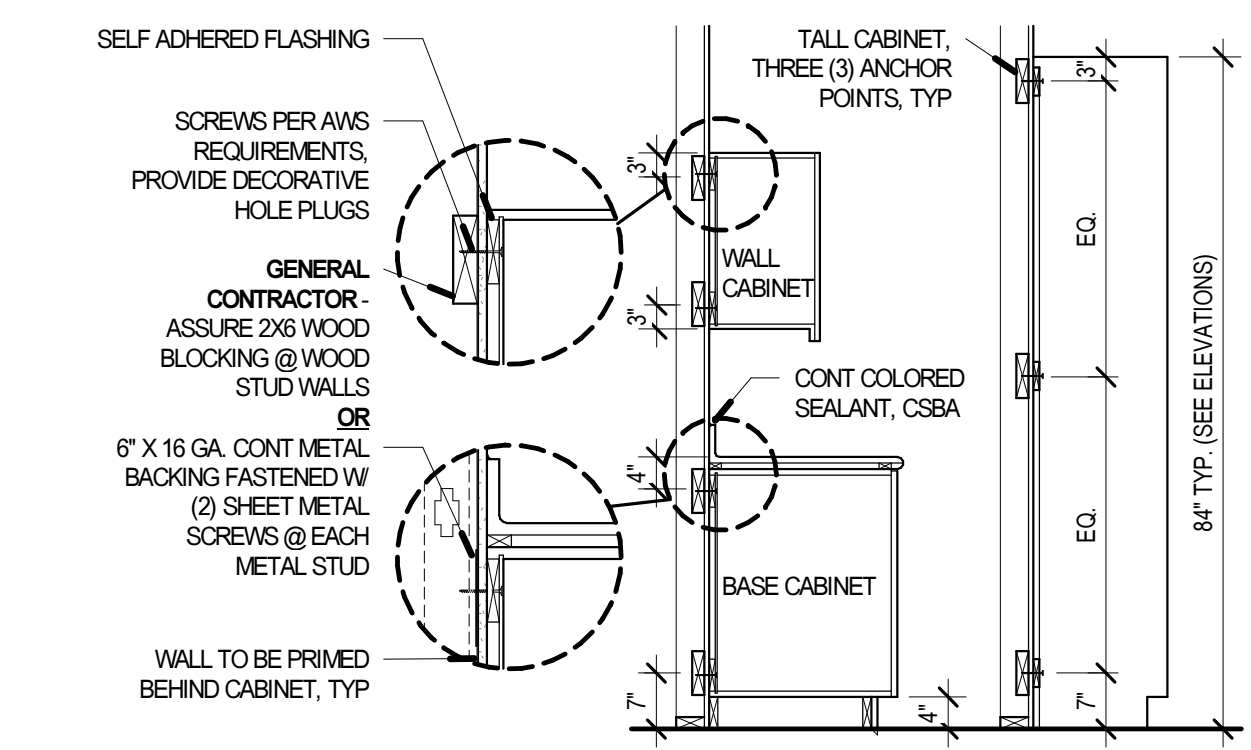
D6 MAX OCCUPANCY SIGN
SCALE: 3" = 1'-0"



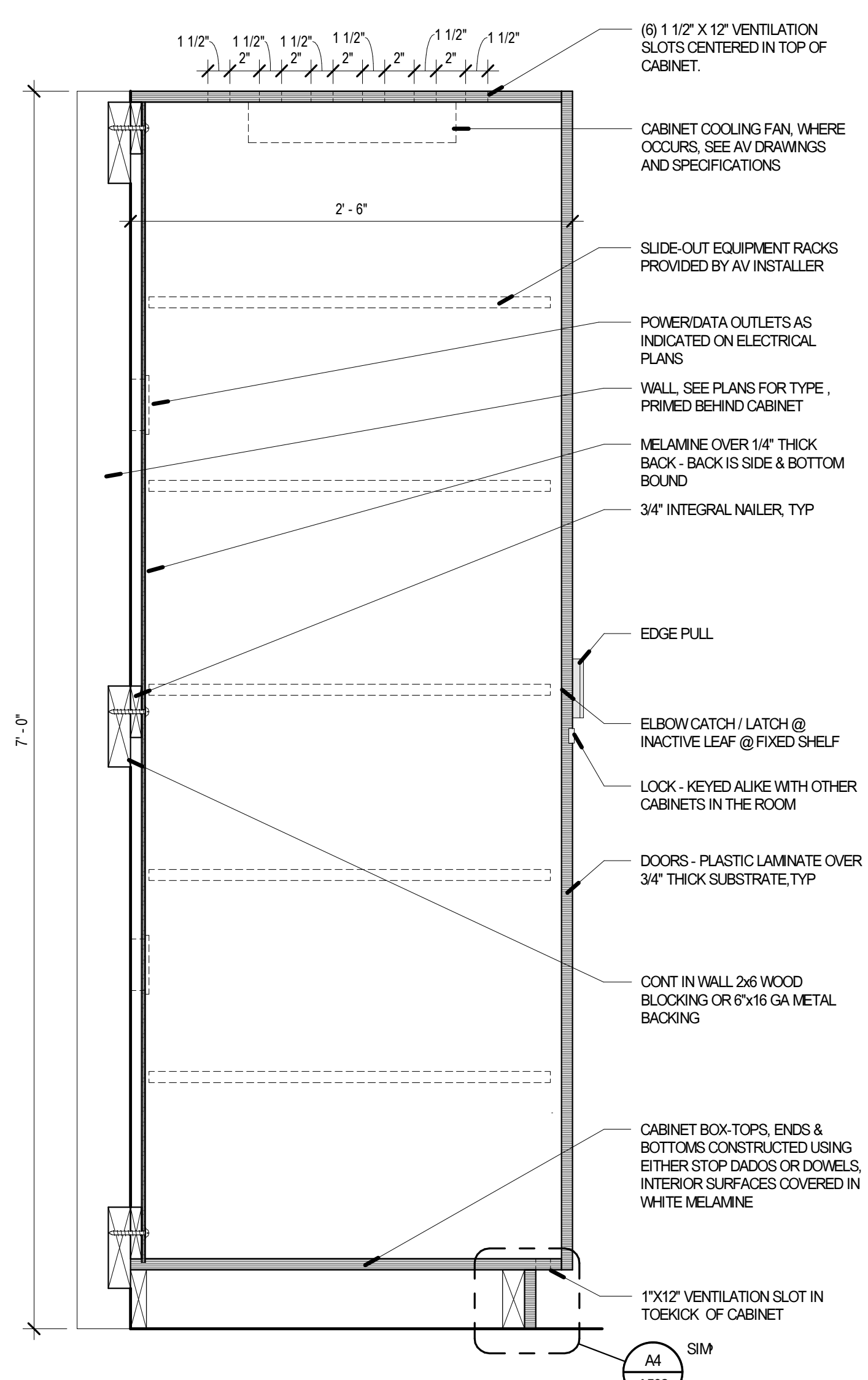
C6 CARPET TO VINYL TILE TRANSITION
SCALE: 12" = 1'-0"



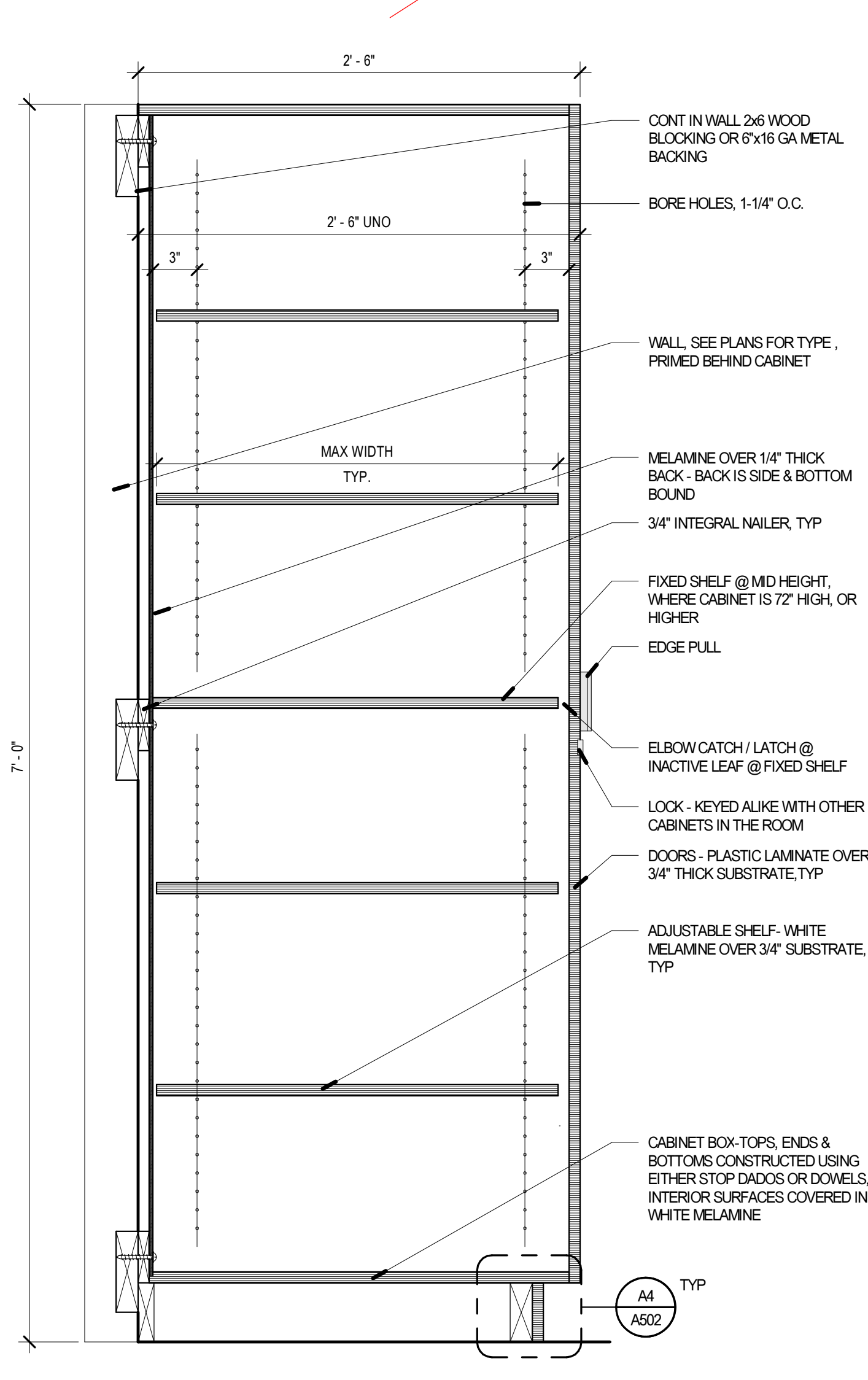
B6 BASE CABINET - PLAN
SCALE: 1 1/2" = 1'-0"



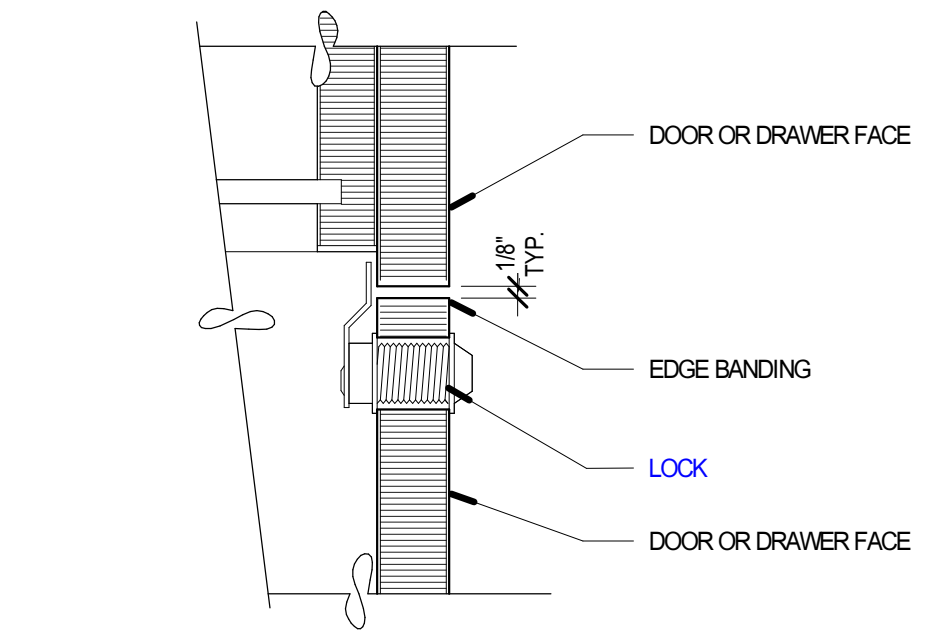
A6 MILLWORK ANCHOR - TYP
SCALE: 1/2" = 1'-0"



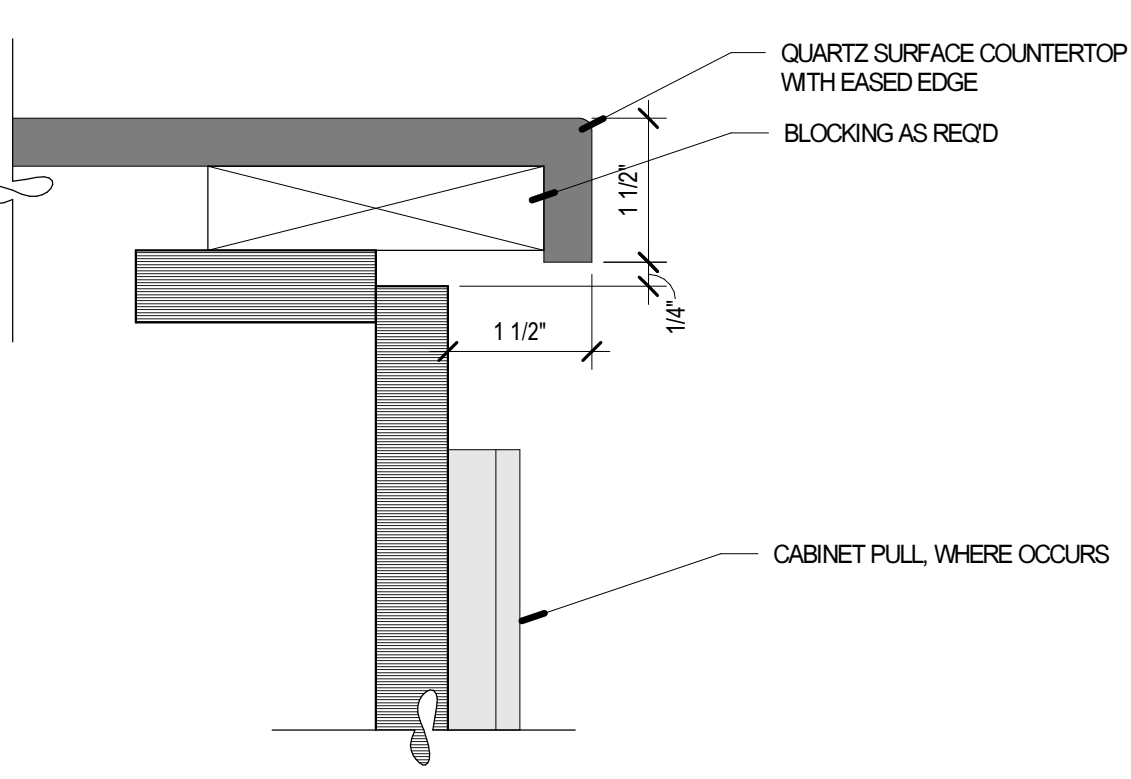
B2 TALL AV CABINET
SCALE: 1 1/2" = 1'-0"



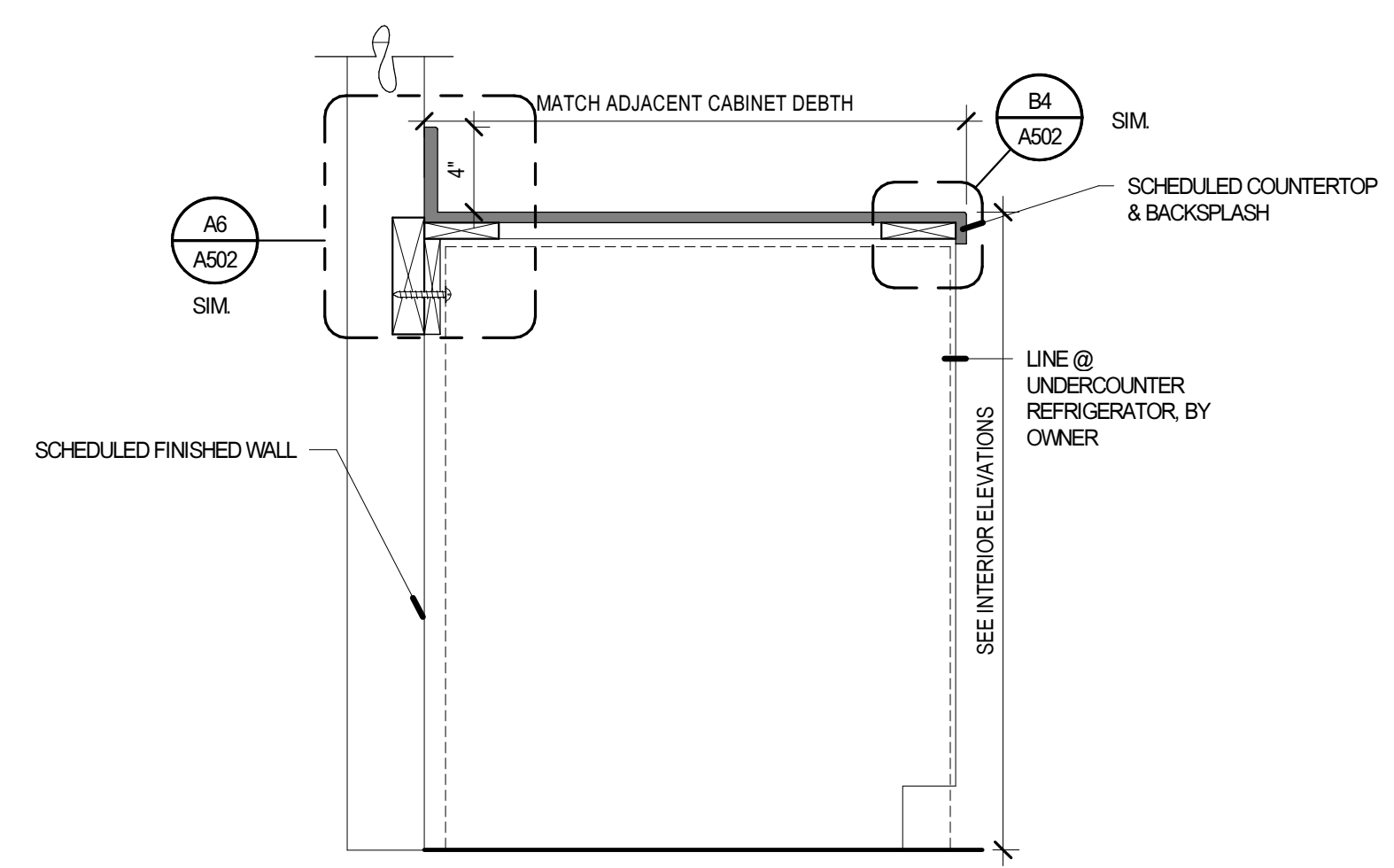
B3 TALL CABINET
SCALE: 1 1/2" = 1'-0"



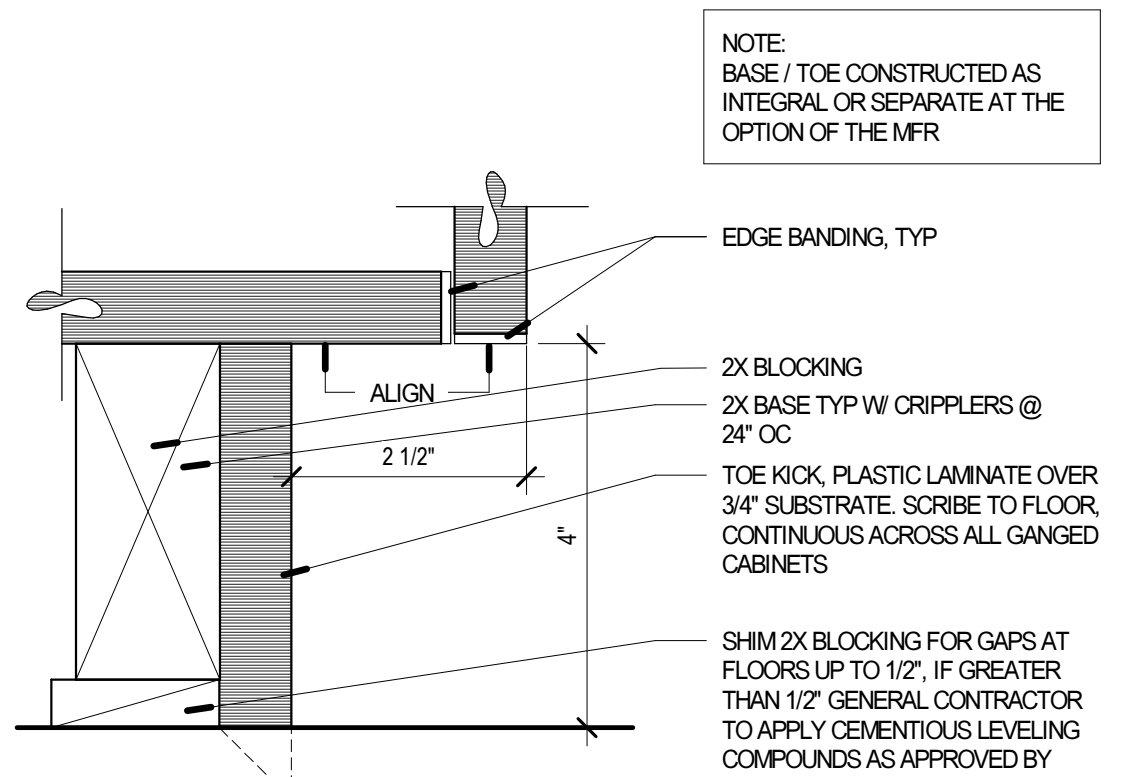
C4 LOCK - TYP
SCALE: 6" = 1'-0"



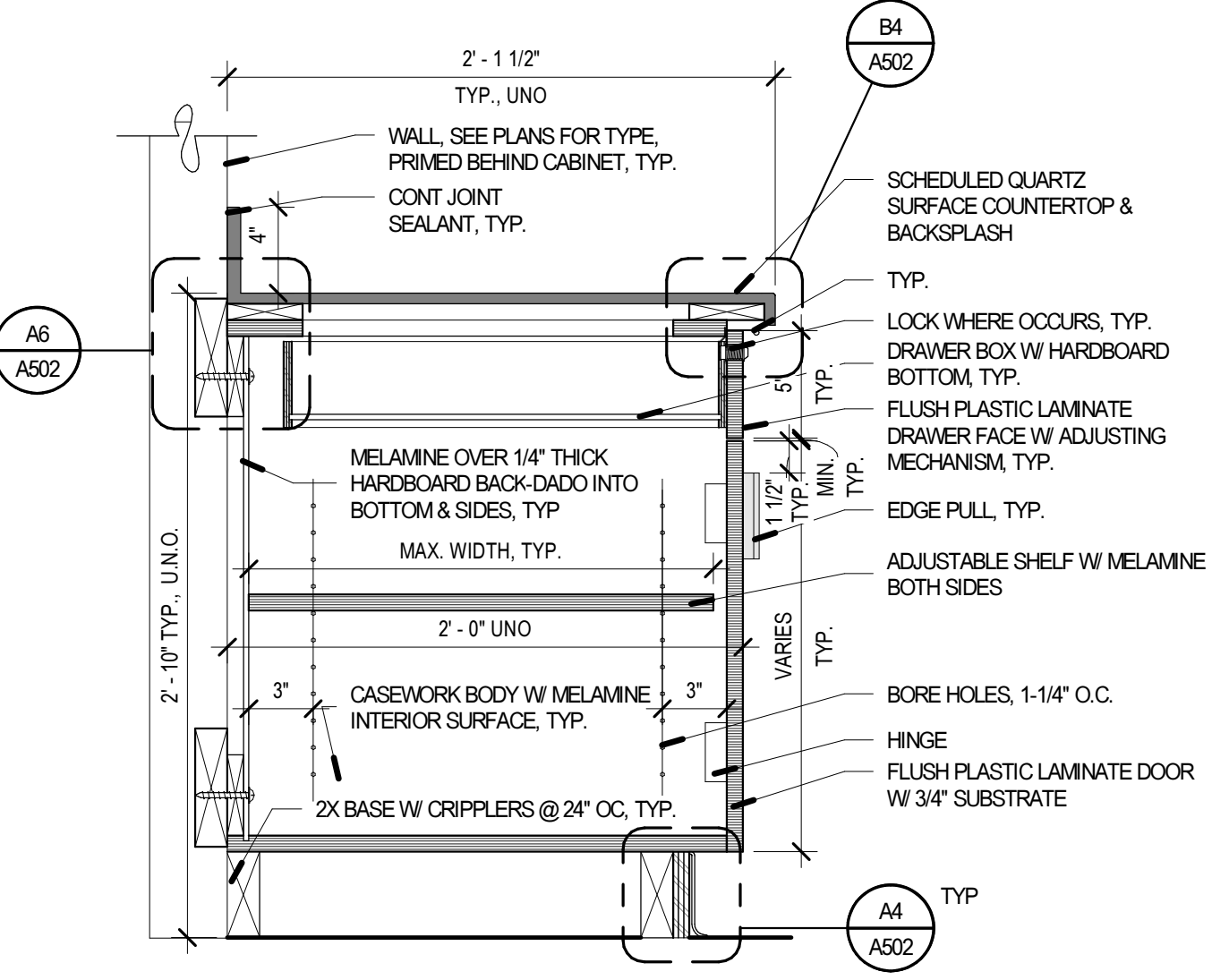
B4 COUNTER EDGE - QUARTZ SURFACE
SCALE: 6" = 1'-0"



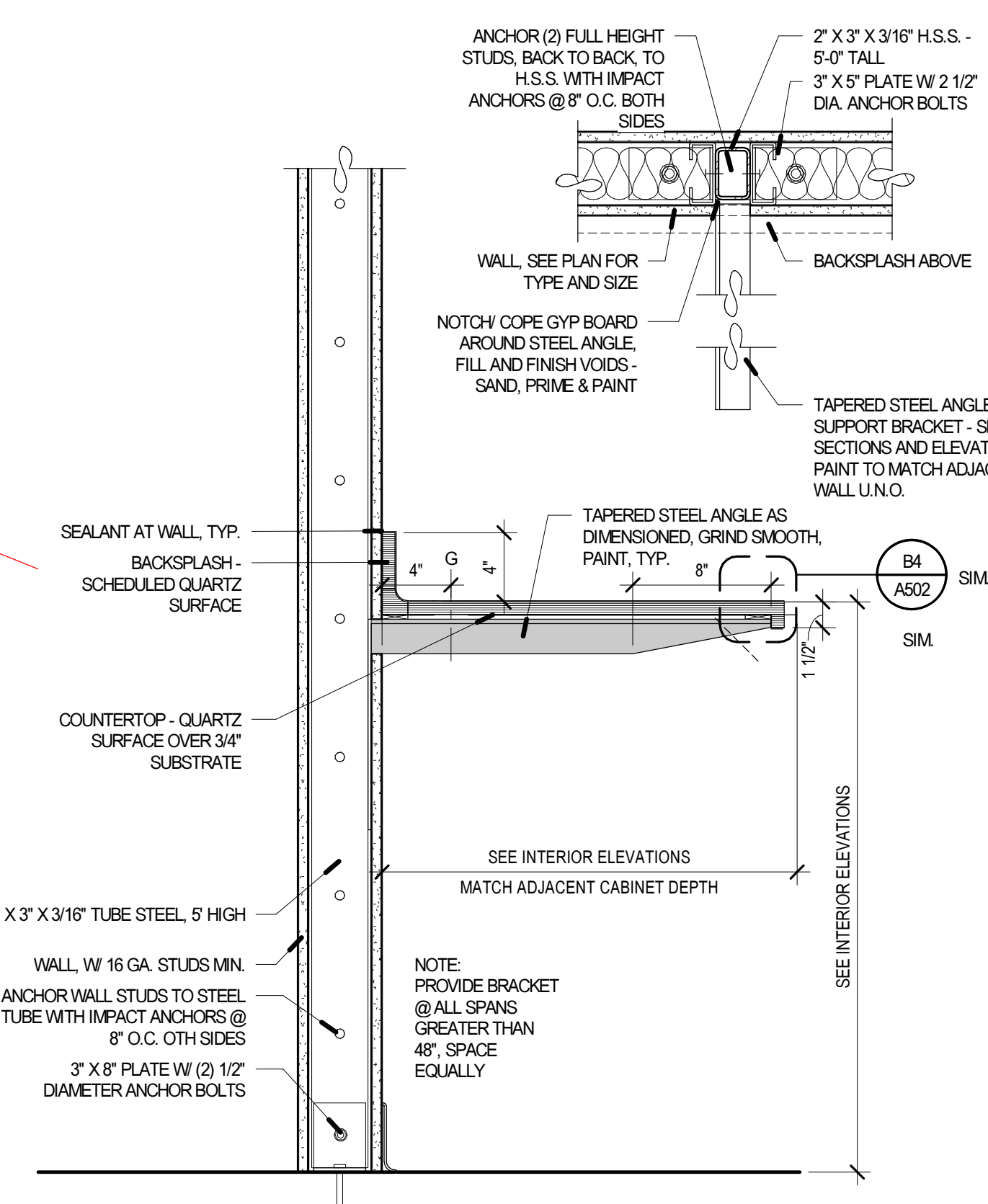
A3 BASE CABINET - @ UNDERCOUNTER REFRIGERATOR
SCALE: 1 1/2" = 1'-0"



A4 TOE KICK - TYPICAL
SCALE: 6" = 1'-0"



A2 BASE CABINET - DRAWER AND DOOR
SCALE: 1 1/2" = 1'-0"

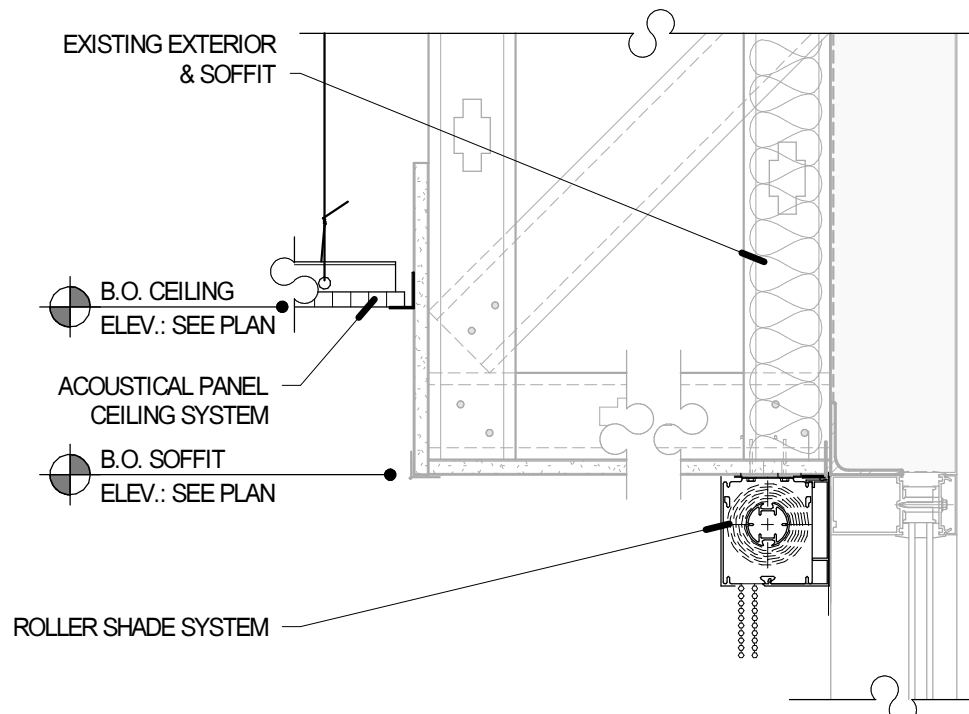


A1 COUNTER - TYP
SCALE: 1 1/2" = 1'-0"

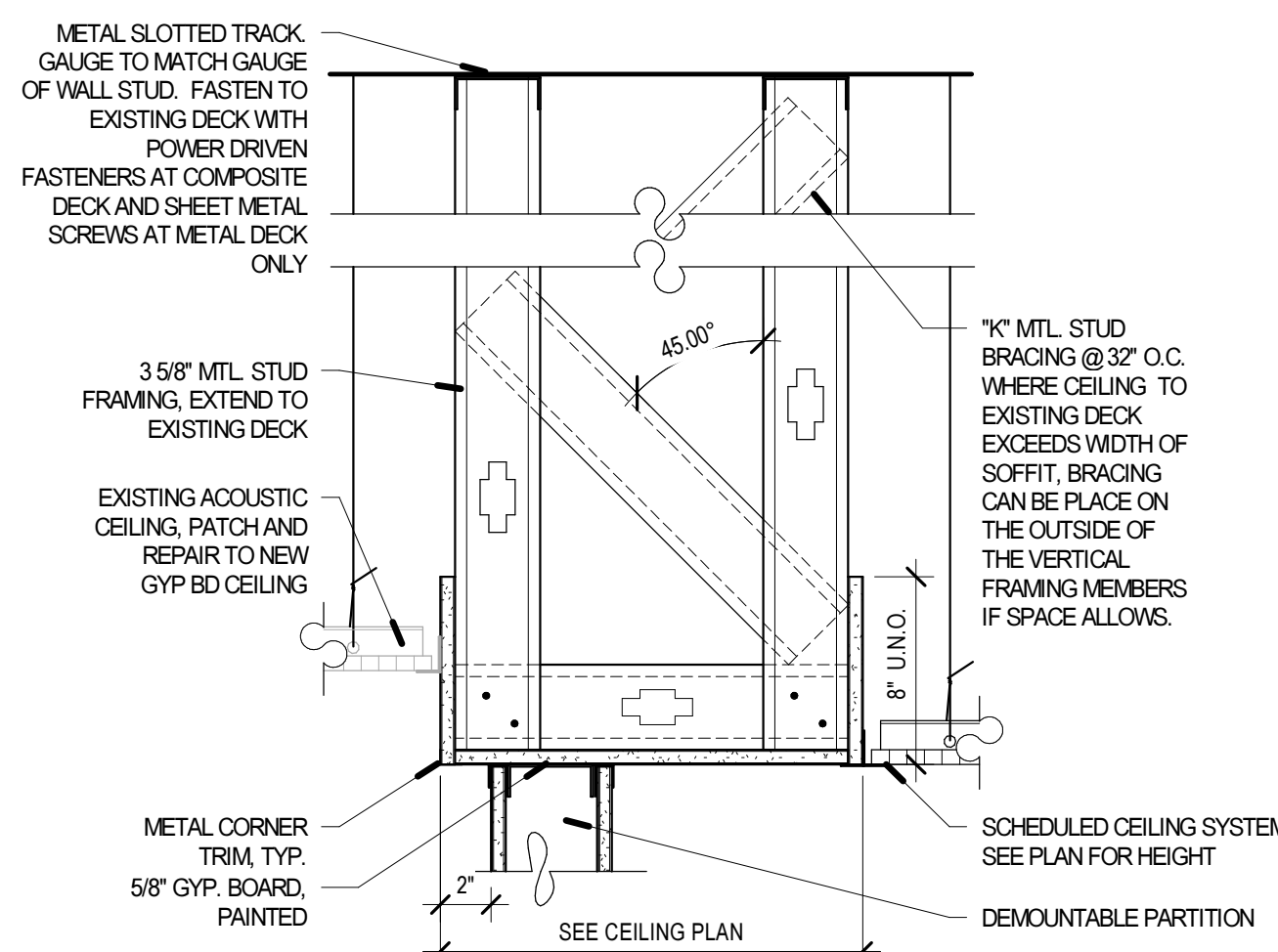
| REV | DATE | DESCRIPTION |
|-----|----------|-----------------------|
| 1 | 11-02-22 | ADDENDUM #1 |
| 3 | 12-22-22 | ASI 002 City Comments |

VCBO NUMBER: 22015
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DATE: 2022.10.25

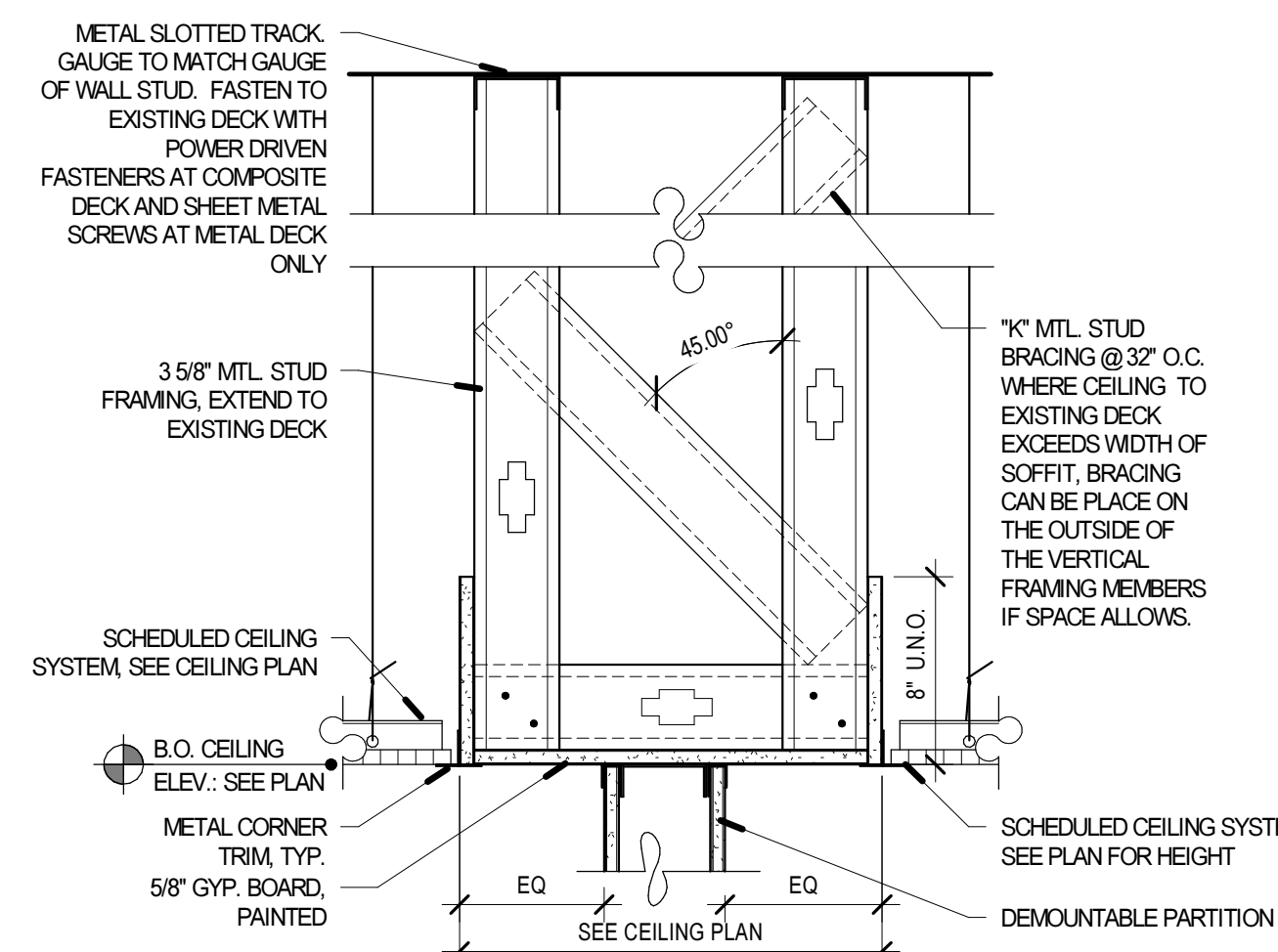
CLASSIC AIR - VCT 5TH FLOOR REMODEL
INTERMOUNTAIN HEALTHCARE
VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
MURRAY, UTAH
BID SET



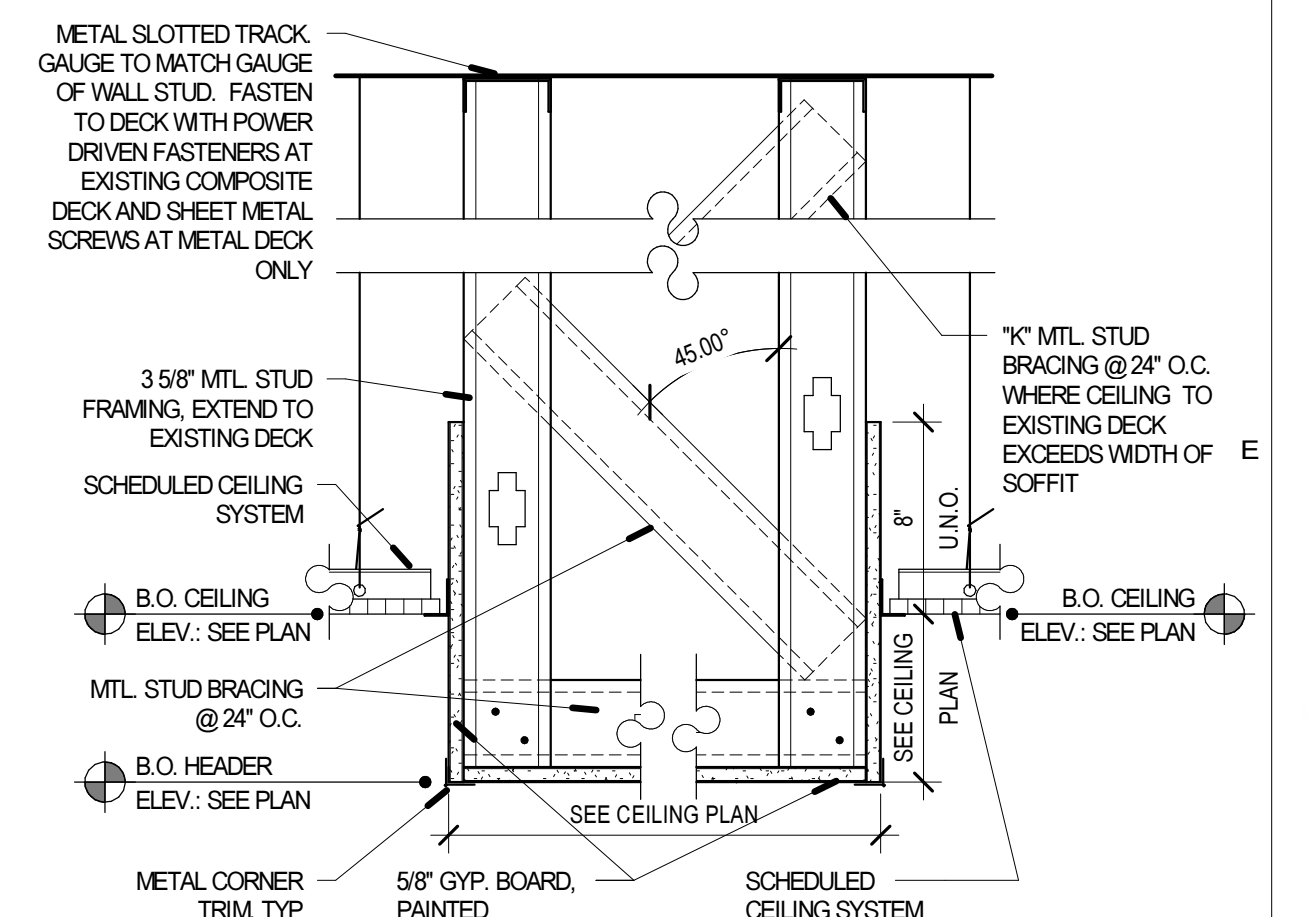
E1 TYP. SOFFIT/CURTAIN WALL DETAIL
SCALE: 1 1/2" = 1'-0"



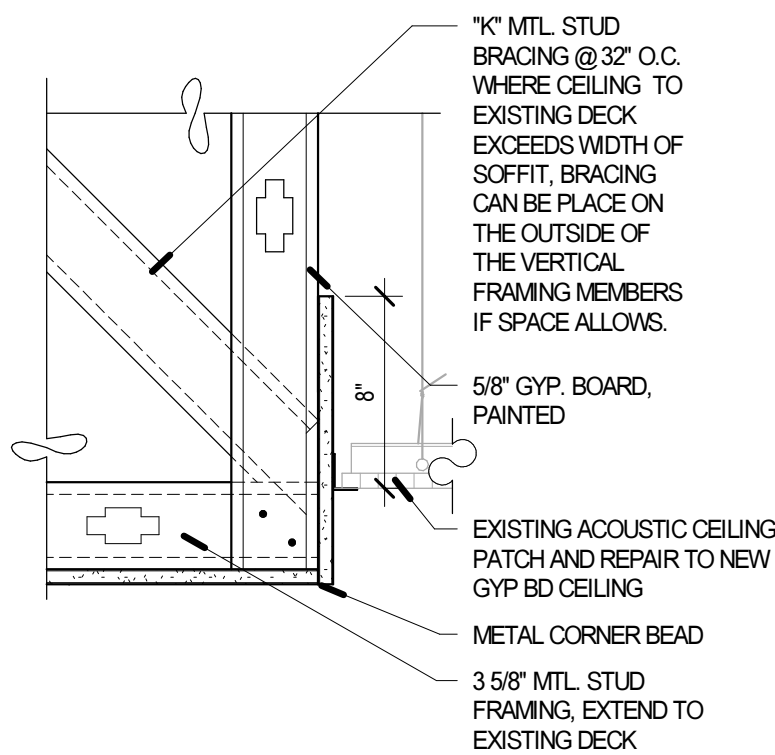
E3 FRAMED STEPPED SOFFIT, @ DEMOUNTABLE WALL
SCALE: 1 1/2" = 1'-0"



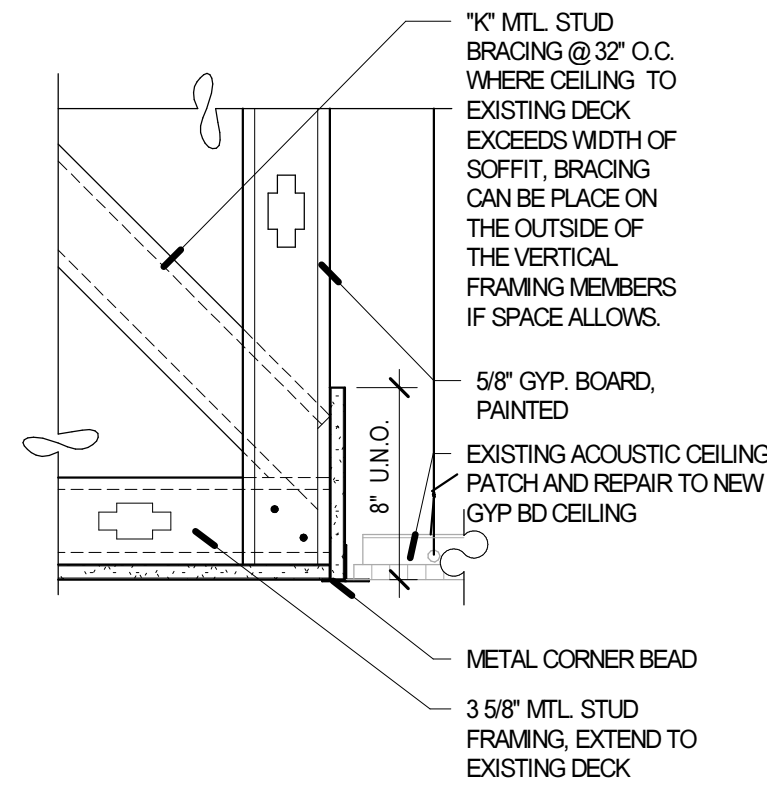
E4 FRAMED FLUSH SOFFIT, @ DEMOUNTABLE WALL
SCALE: 1 1/2" = 1'-0"



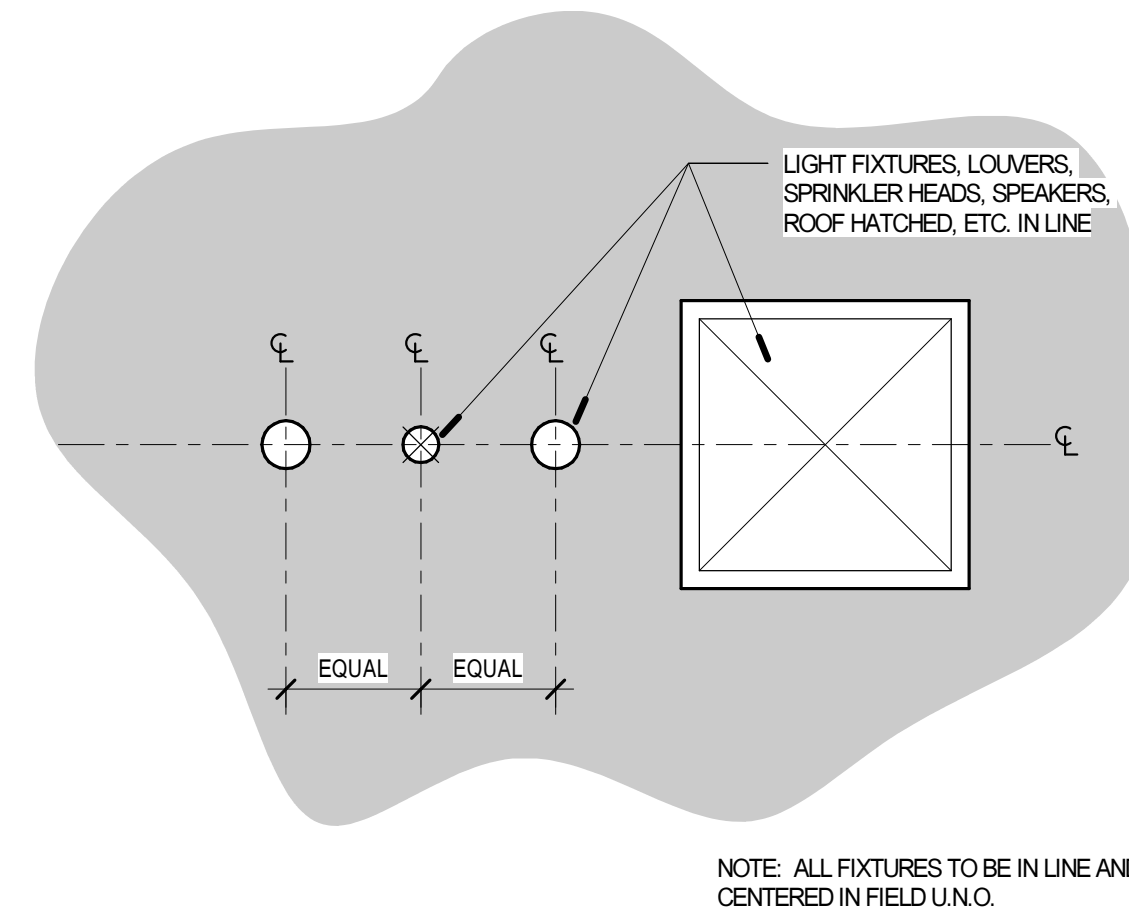
E6 SOFFIT DETAIL
SCALE: 1 1/2" = 1'-0"



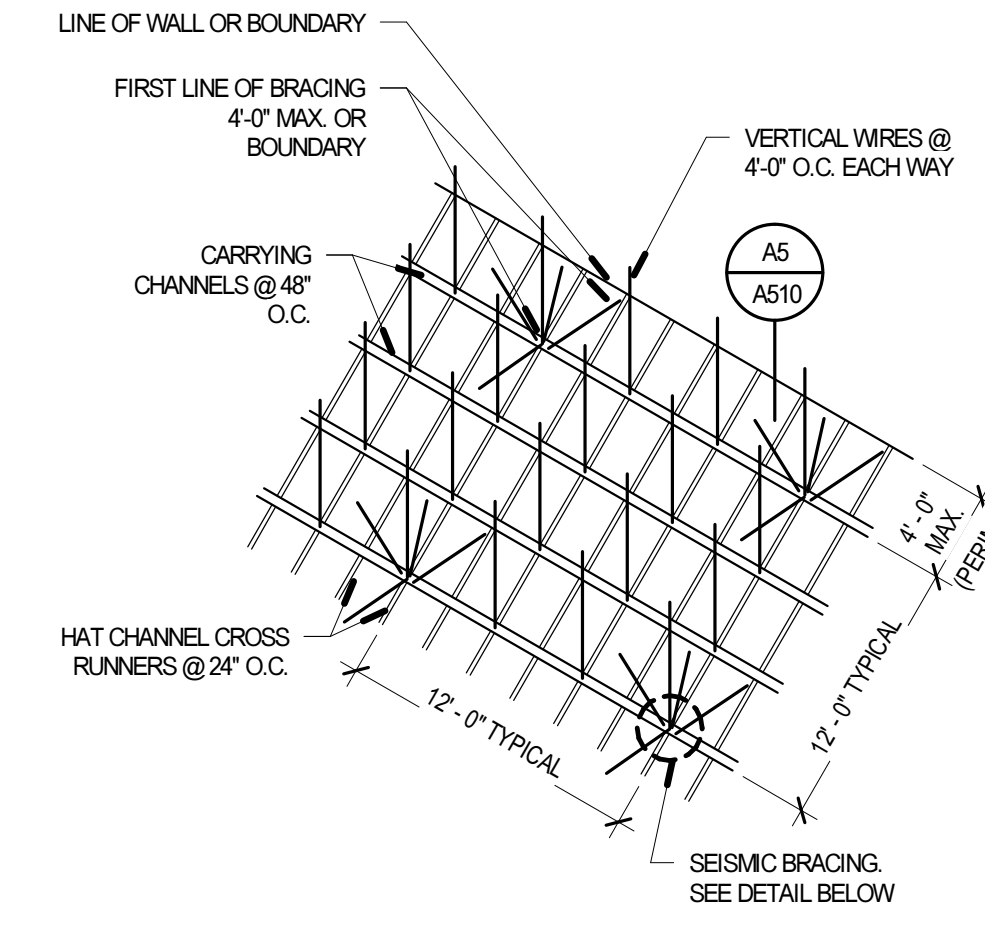
D1 EXISTING CEILING TO NEW - STEPPED
SCALE: 1 1/2" = 1'-0"



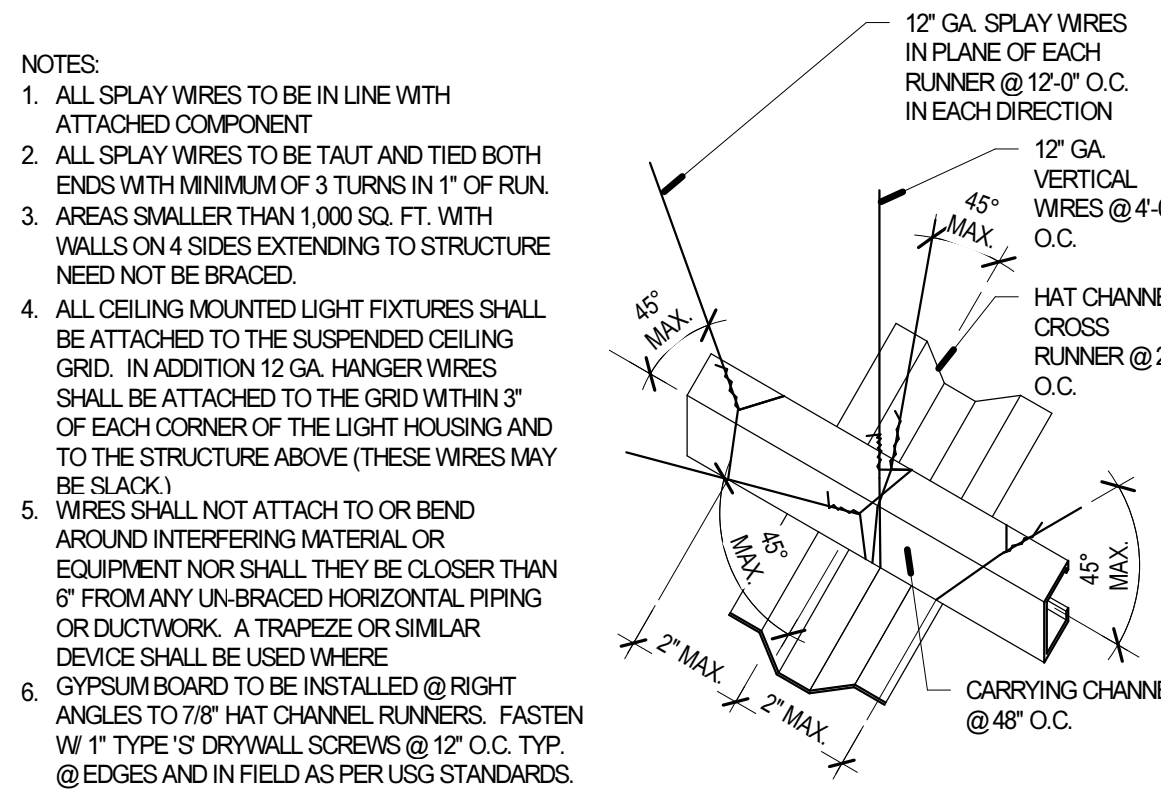
D3 EXISTING CEILING TO NEW - FLAT
SCALE: 1 1/2" = 1'-0"



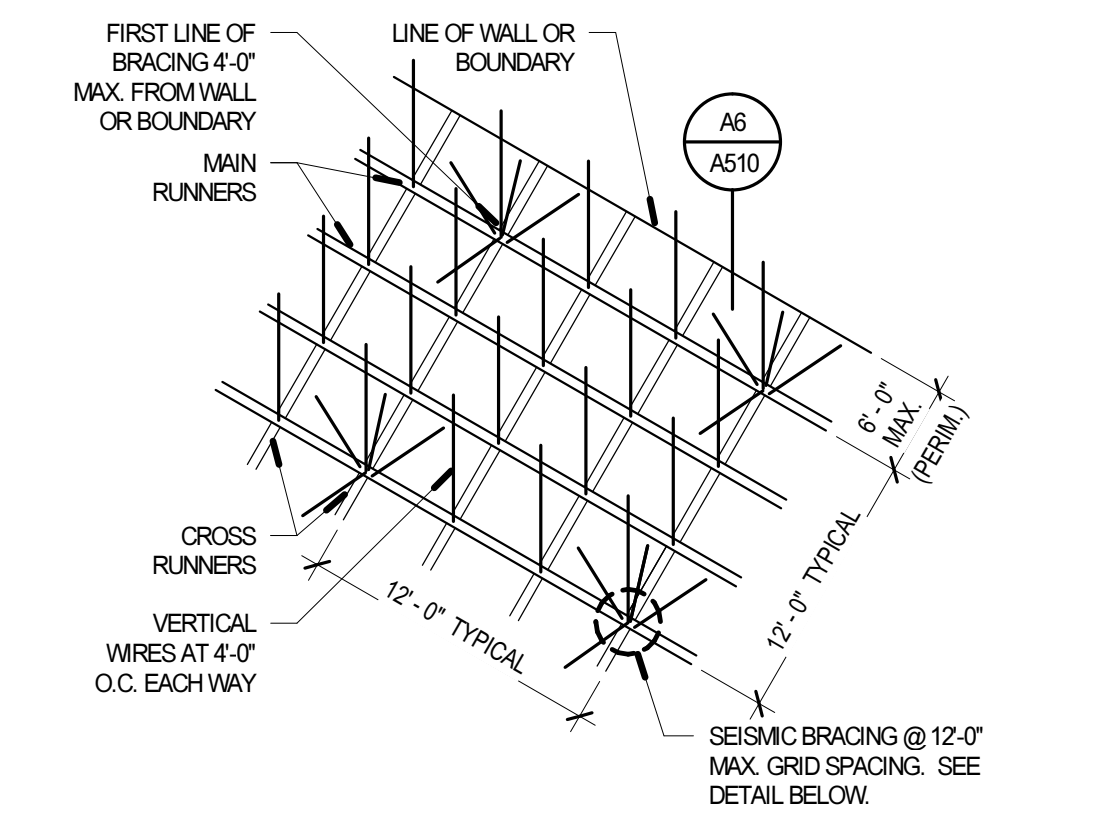
D4 TYP. FIXTURE IN GYP. CEILING
SCALE: 3/4" = 1'-0"



C4 TYP. CEILING TILE PENETRATION
SCALE: 1/2" = 1'-0"

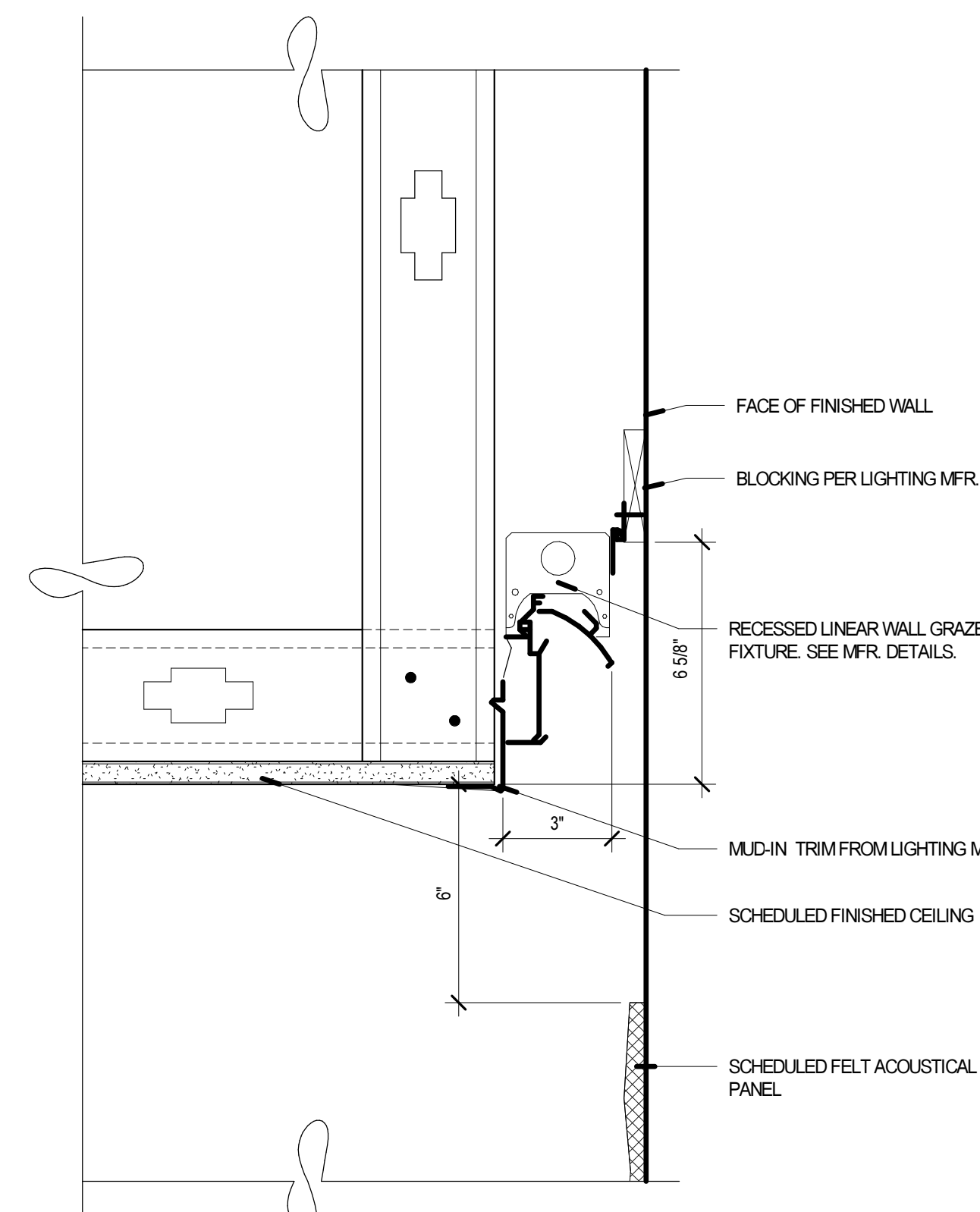


C5 TYP. SUSPENDED GYP. BRACING DETAIL
SCALE: 6" = 1'-0"

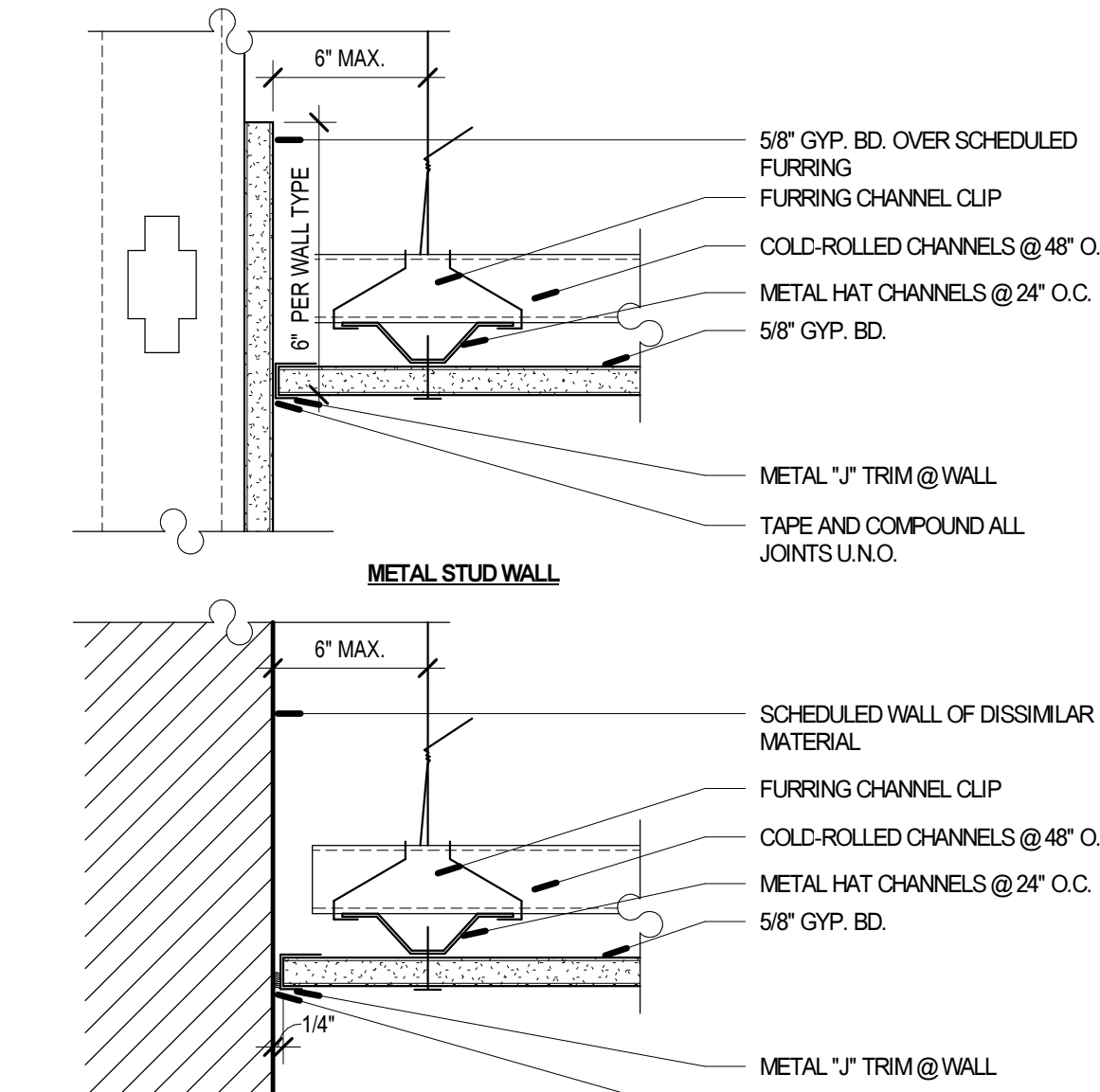


- NOTES:
1. ALL SPRAY WIRES TO BE IN LINE WITH ATTACHED COMPONENT
 2. ALL SPRAY WIRES TO BE TAUT AND TIED BOTH ENDS WITH MINIMUM OF 3 TURNS IN 1" OF RUN
 3. AREAS SMALLER THAN 144 SQ. FT. WITH WALLS ON 4 SIDES EXTENDING TO STRUCTURE NEED NOT BE BRACED
 4. ALL CEILING MOUNTED LIGHT FIXTURES SHALL BE ATTACHED TO THE SUSPENDED CEILING GRID. IN ADDITION 12 GA HANGER WIRES SHALL BE ATTACHED TO THE GRID WITHIN 3" OF EACH CORNER OF THE LIGHT HOUSING AND TO THE STRUCTURE ABOVE (THESE WIRES MAY BE SLACK)
 5. WIRES SHALL NOT ATTACH TO OR BEND AROUND INTERFERING MATERIAL OR EQUIPMENT NOR SHALL THEY BE CLOSER THAN 6" FROM ANY UNBRACED HORIZONTAL PIPING OR DUCTWORK. A TRAPEZE OR SIMILAR DEVICE SHALL BE USED WHERE
 6. PROVIDE 7/8" WIDE PERIMETER WALL MOLDING AT ALL WALLS.
 7. ALL SUSPENDED CEILING TO MEET THE REQUIREMENTS OF THE IBC SECTION 2506.1 & ICC REPORT ESR-1308

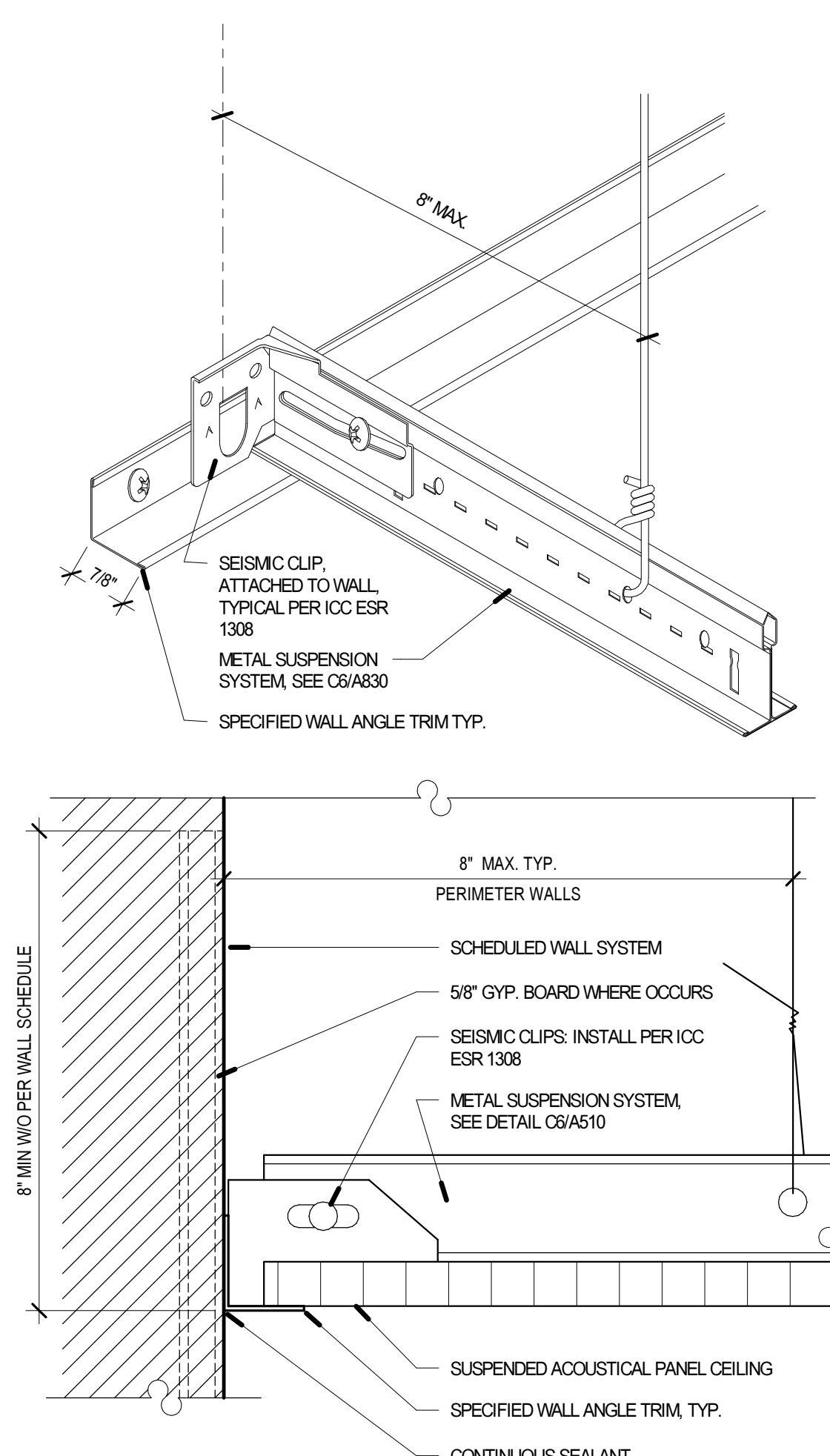
C6 CLG. SUSPENSION & SEISMIC BRACING
SCALE: 6" = 1'-0"



A4 SECTION AT LIGHT FIXTURE POCKET
SCALE: 3" = 1'-0"



A5 SLIP JOINT DETAILS
SCALE: 3" = 1'-0"



A6 TYP. LAY-IN CEILING DETAIL
SCALE: 6" = 1'-0"

| REV | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |

VCBO NUMBER: 22015
CLIENT NUMBER: 00000
DATE: 2022.10.25

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

KEYED NOTES

824.0 DECORATIVE WINDOW FILM, SEE FINISH LEGEND

GLAZING TYPE LEGEND

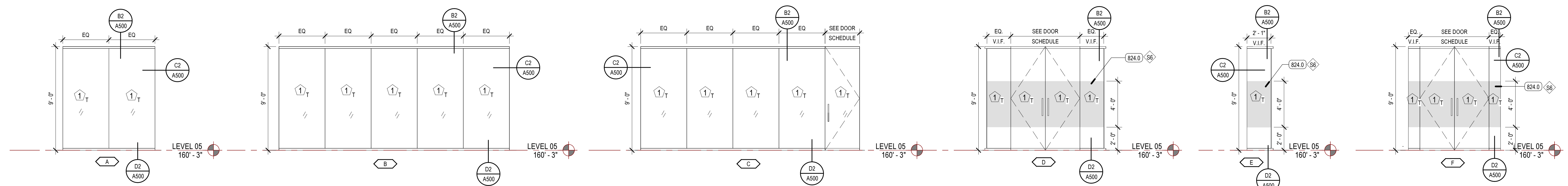
| MARK | DESCRIPTION |
|----------------|--------------------------------|
| ① | 1/2" GLASS WITH POLISHED EDGES |
| ① _T | 'T' INDICATES TEMPERED GLASS |

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

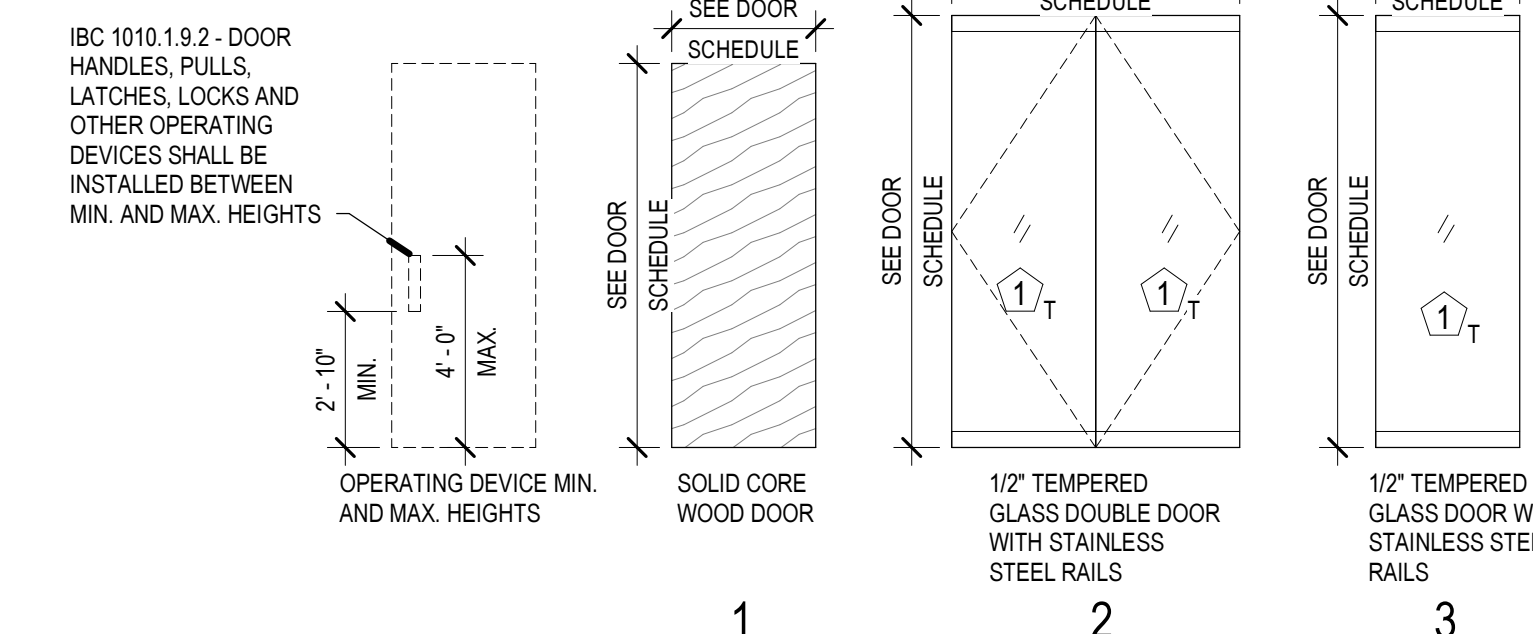
| DOOR NUMBER | SCHEDULE - DOOR AND FRAME 5TH FLOOR | | | | | | | | | | DOOR NUMBER | | | |
|-------------|-------------------------------------|--------|--------|------------|----------|---------------|----------------|--------------|--------------------|--------------------------|-------------|------------|--|---------------|
| | DOOR | | | FRAME | | | HARDWARE GROUP | GLAZING TYPE | LABEL (MIN) | NOTES | | | | |
| | WIDTH | HEIGHT | THICK | ELEV. TYPE | MATERIAL | FACING/FINISH | | | | | | ELEV. TYPE | MATERIAL | FINISH/FACING |
| 500A | 72" | 108" | 1/2" | 2 | GLASS | - | - | - | - | SEE SPEC SECTION 08 4213 | 1T | NR | | 500A |
| 500B | 72" | 108" | 1/2" | 2 | GLASS | - | - | - | - | SEE SPEC SECTION 08 4213 | 1T | NR | | 500B |
| 510 | 36" | 96" | 1 3/4" | 1 | WOOD | a | HM | PAINT | EXISTING RELOCATED | 2 | N/A | NR | EXISTING DOOR FRAME AND HARDWARE RELOCATED | 510 |
| 515 | 36" | 96" | 1 3/4" | 1 | WOOD | a | HM | PAINT | EXISTING RELOCATED | 2 | N/A | NR | MATCH WOOD FINISH OF EXISTING DOORS | 515 |
| 522A | 36" | 96" | 1 3/4" | 1 | WOOD | a | HM | PAINT | EXISTING RELOCATED | 3 | N/A | NR | MATCH WOOD FINISH OF EXISTING DOORS | 522A |
| 522B | 36" | 96" | 1 3/4" | 1 | WOOD | a | HM | PAINT | EXISTING RELOCATED | 3 | N/A | NR | MATCH WOOD FINISH OF EXISTING DOORS | 522B |
| 526A | 36" | 96" | 1 3/4" | 1 | WOOD | a | HM | PAINT | EXISTING RELOCATED | 1 | N/A | NR | MATCH WOOD FINISH OF EXISTING DOORS | 526A |
| 528B | 36" | 108" | 1/2" | 3 | GLASS | - | - | - | - | SEE SPEC SECTION 08 4213 | 1T | NR | | 528B |

| REV | DATE | DESCRIPTION |
|-----|-----------|-------------|
| 1 | 1-22-2014 | City Review |

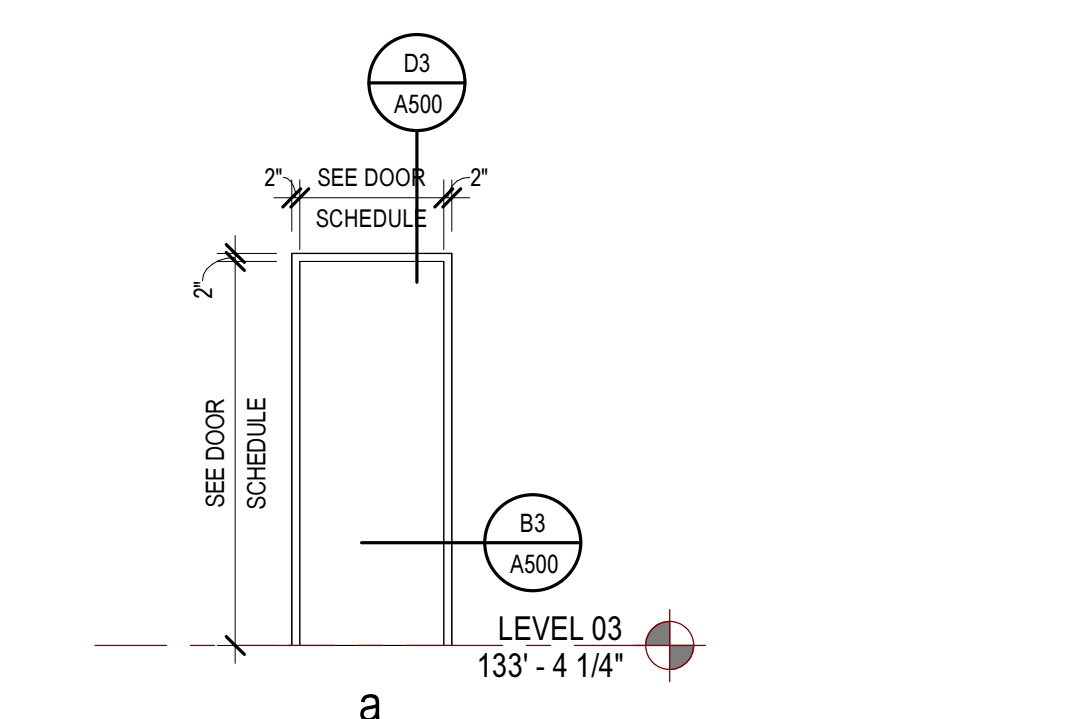
VCBO NUMBER: 22015
CLIENT NUMBER: 00000
DATE: 2022.10.25



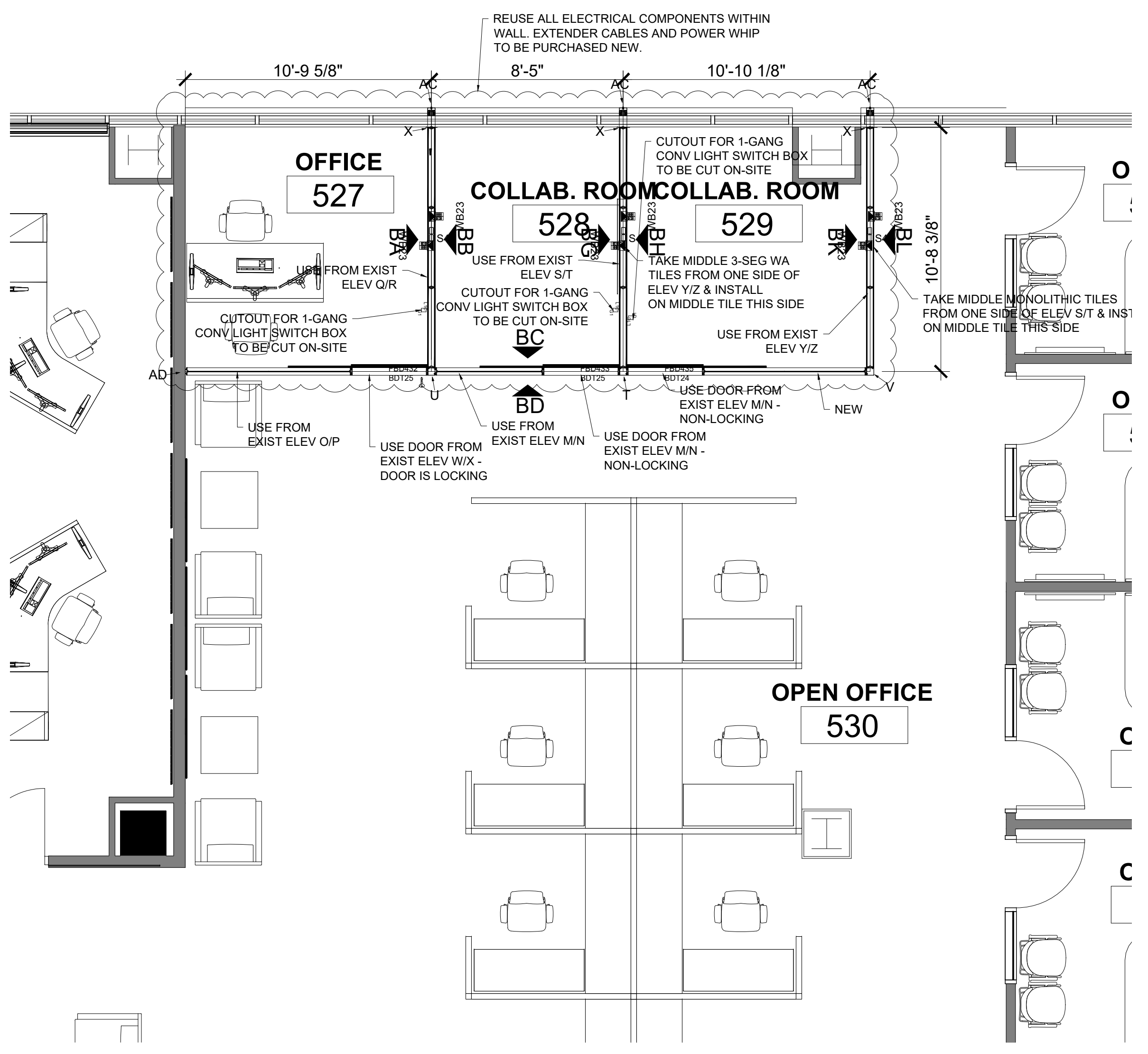
B1 WINDOW TYPES
SCALE: 1/4" = 1'-0"



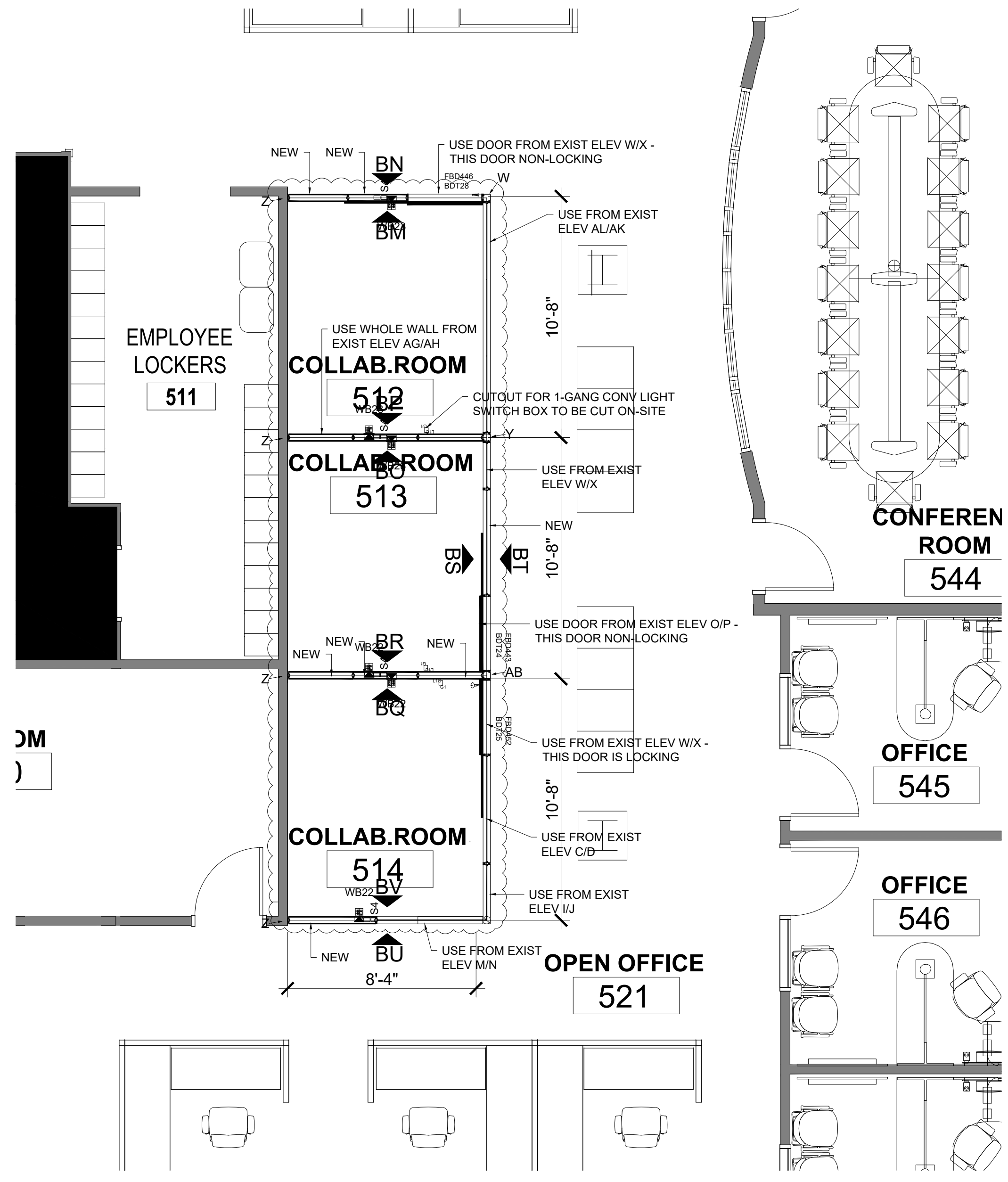
A4 DOOR TYPES
SCALE: 1/4" = 1'-0"



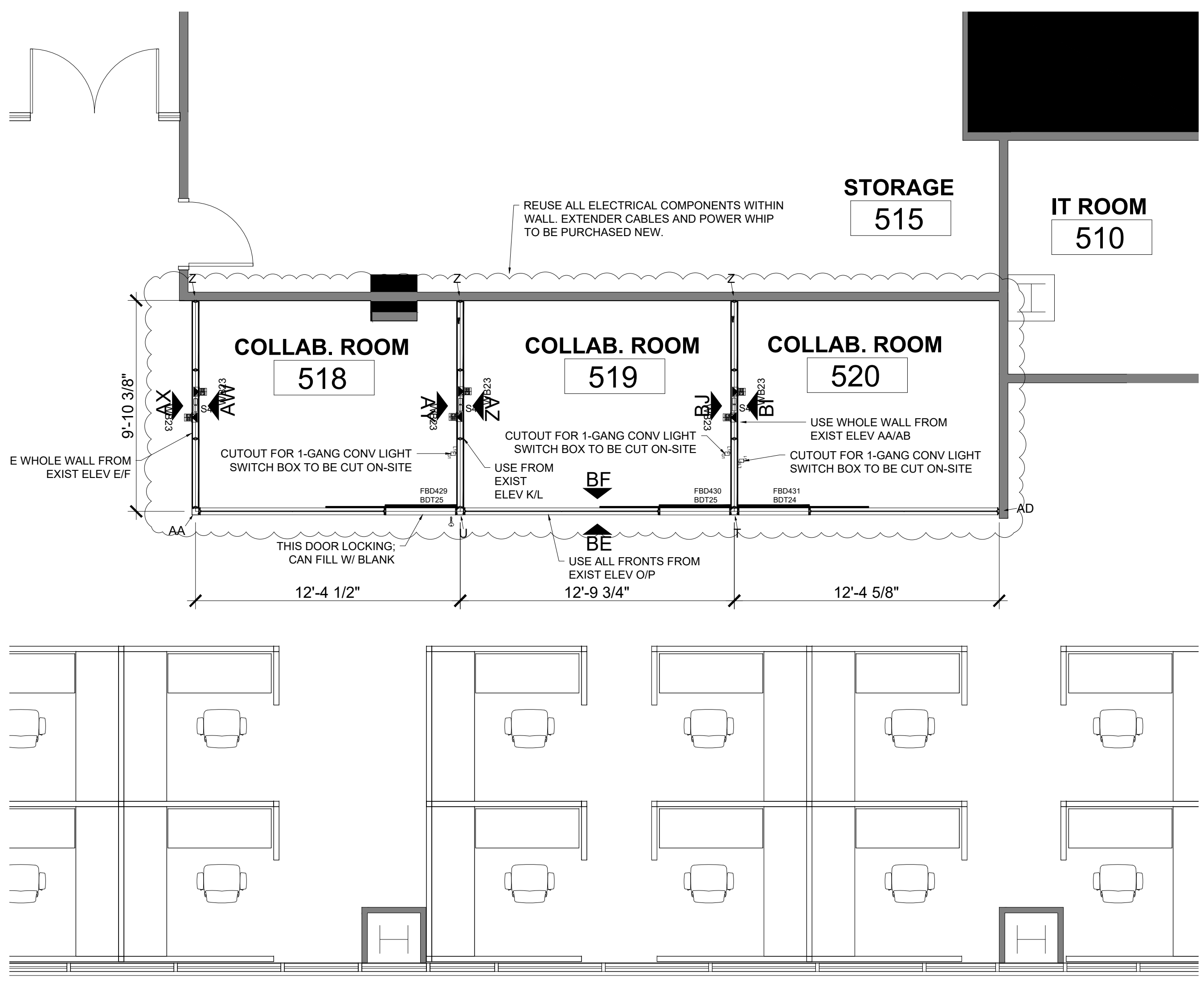
A6 HOLLOW METAL DOOR FRAME TYPES
SCALE: 1/4" = 1'-0"



1 AREA A NEW FLOOR PLAN
1/4" = 1'-0" / 1:48 000003



1 AREA B NEW FLOOR PLAN
1/4" = 1'-0" / 1:48 000002



1 AREA C NEW FLOOR PLAN
1/4" = 1'-0" / 1:48 000002

DISCLAIMER
This drawing represents Henriksen Butler's ("HB Build") interpretation of the design intent and serves as shop drawings for DIRT Environmental Solution Ltd. manufacturing purposes. The details and scope of these shop drawings represent the product that will be produced by DIRT and delivered to site. Any additions or changes to, or deletions or deviations from, these drawings will be regarded as a change order and processed accordingly. Manufacturing will not commence without approval of these shop drawings.

You agree to immediately notify Henriksen Butler of any discrepancies between the on-site dimensions and ceiling heights and those contained in the approved drawings. Upon notification, Henriksen Butler shall take all reasonable steps to make the necessary changes, but shall not be responsible for any additional costs or schedule delays associated with such changes.

You agree to provide a sample of all contractor-supplied hardware or COM to Henriksen Butler within one week of approval of shop drawings. Wherever possible, actual samples of hardware are to be provided to Henriksen Butler for DIRT's manufacturing processes. Henriksen Butler shall not be responsible for any additional costs or schedule delays associated with changes in hardware specifications.

THESE DRAWINGS ARE THE CONFIDENTIAL AND PROPRIETARY INFORMATION OF HENRIKSEN BUTLER DESIGN GROUP. ANY REPRODUCTION, ALTERATION, DISCLOSURE OR USE OF THIS DRAWING OTHER THAN AS AGREED TO BY HENRIKSEN BUTLER DESIGN GROUP IS EXPRESSLY PROHIBITED.

- ELECTRICAL / DATA**
- Device Box and Faceplate Family:**
 Conventional DIRT Power Mixed (see plan)
- Type of Electrical Required:**
 Power Data (Pipes) Light Switch Box Junction Box Mixed (see plan)
- Receptacle Faceplate Style:**
 Standard Style Decorator style Mixed (see plan)
- Light Switch Faceplate Style:**
 Standard Style Decorator style Mixed (see plan)
- Faceplate / Trim Ring Color:**
 Black Gray White Ivory Mixed (see plan)
 Stainless Steel Other Almond
- Power/Data Level:**
 Level 1 (pre-cut tile, device box, trim rings and faceplates)
 Level 2 (Level 1 + 3/4" empty EMT for data)
 Level 3 (Level 1 + pre-wired devices, AC90 flex cable (3 12 gauge wires + bare ground) with a pigtail end, 3/4" empty EMT for Data)
 Level 4 (single circuit per device box unless specified in Special Electrical Instructions) (Level 1 + pre-wired devices, 1/2" - 8 wire power with a whip extension and a quick-connect end, 3/4" empty EMT for data)
- Light Switch Level:**
 Level 1 (pre-cut tile, device box, trim rings and faceplates)
 Level 2 (Level 1 + 1/2" empty aluminum flex conduit) Mixed (see plan)
- Pre-cut tile only for:**
 Power Data Light Switch Box Junction Box Wall Sconce Box Wall Sconce Box Mixed (see plan)
- Feeds from:**
 Floor Ceiling Wall Mixed (see plan)
- Aluminum Flex / AC90 extends how far beyond top/bottom of panel (10 ft. default):**

- EMT (Electrical Metallic Tubing) extends how far beyond top of panel? (6" to 8" default):**

 (NOTE: Always 1/2" below frame for base beads)
- Data Face Plates:**
 Conventional family
 Decorator Style
- DIRT Power family**
 Decora cast# DE301 cast# NO309 cast# HBL317 cast# AMP303
 cast# AM313 cast# OR306 cast# TL318 cast# TL319 cast# KR314 cast# MT316 cast# LT309
 cast# NV304 PA321 DAV326 DAV324 DAV325 DAV325
 OR322 IN323 Other _____ Mixed (see plan)
- EXCEPTIONS:**
 Wire Specification (12 gauge default): 10 gauge Other _____ Mixed (see plan)
 1/2" ID EMT 3/4" ID EMT None
- Power Conduit Type (1/2" ID Aluminum Flex default):**
 1/2" ID EMT 3/4" ID EMT None Mixed (see plan)
- Light Switch Conduit Type (1/2" ID Aluminum Flex default):**
 1/2" ID EMT 3/4" ID EMT None Mixed (see plan)
- Data Conduit Type (3/4" ID EMT default):**
 1/2" ID EMT None Mixed (see plan)
- SPECIAL INSTRUCTIONS:**

PROJECT DETAILS/NOTES:

FRAME AND TRIM DETAILS:

| | |
|--|--|
| EXTRUSION PROFILE: <input type="checkbox"/> CURVILINEAR <input type="checkbox"/> RECTILINEAR <input checked="" type="checkbox"/> BLADE <input type="checkbox"/> EVL TRIM | FRAME FINISH: <input type="checkbox"/> ANODIZED ALUMINUM <input type="checkbox"/> POWDER-COATED <input type="checkbox"/> VENEER |
|--|--|

BASE TRIM COLOR:
 SILVER CHARCOAL
 BLACK CORPLANAR
 END0 END1

BASE TRIM COLOR:
 SILVER CHARCOAL
 BLACK CORPLANAR
 NO YES

FLOOR, CEILING, AND BEHIND-DETAILS:

| | |
|--|--|
| FLOOR TYPE: <input type="checkbox"/> CARPET <input type="checkbox"/> HARD SURFACE | WALL HEIGHT: #1-11'8" |
| CEILING TYPE: <input type="checkbox"/> DRYWALL BULKHEAD <input type="checkbox"/> CORNICE RAIL <input type="checkbox"/> LOW WALL <input checked="" type="checkbox"/> GRID | GRID TYPE: <input type="checkbox"/> 5'x5' <input checked="" type="checkbox"/> 15'x15' |
| BEHIND REQUIRED: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES | HARDWARE REQUIREMENTS: <input type="checkbox"/> CONCEALED <input type="checkbox"/> REGULAR |

ROOMS:
 REFERENCE DOOR SCHEDULE FOR FURTHER DETAILS
 ELECTRICAL PROVISION REQUIRED - SEE ELECTRICAL SHOP DRAWINGS
 DATA PROVISION REQUIRED - SEE PDM SHOP DRAWINGS
 MECHANICAL PROVISIONS REQUIRED - SEE MECHANICAL SHOP DRAWINGS
 ADDITIONAL NOTES:

CLIENT APPROVAL

APPROVED DRAWING PACKAGE
 APPROVED, AS NOTED
 REVISED, RESUBMIT

Authorized Signing Officer _____ Date _____

This drawing represents Henriksen Butler (HB Build)'s interpretation of the design intent and serves as our shop drawings for manufacturing purposes. The details and scope in these drawings represent the product that will be produced by DIRT and delivered to site. All additions, changes, or deviations from this approval drawing package will be regarded as a change order and processed accordingly. Approval of this drawing package is one of the conditions precedent to commencement of manufacturing.

Henriksen Butler Design Group

DRAWING INDEX

| | |
|--------|------------------------------|
| DG-100 | EXISTING SCHEDULES & DETAILS |
| DW-101 | EXISTING PLANS |
| DW-102 | EXISTING ELEVATIONS |
| DG-200 | NEW SCHEDULES & DETAILS |
| DW-201 | NEW PLANS |
| DW-202 | NEW ELEVATIONS |

Project Name:
**Classic Aviation
 FL2 & 5 Reconfigure**

Existing Product Address:
 1010 N 500 E, #200
 North Salt Lake, UT 84054

New Install Address:
 5373 South Green Street
 Murray, UT 84123

PRELIM SHOPS

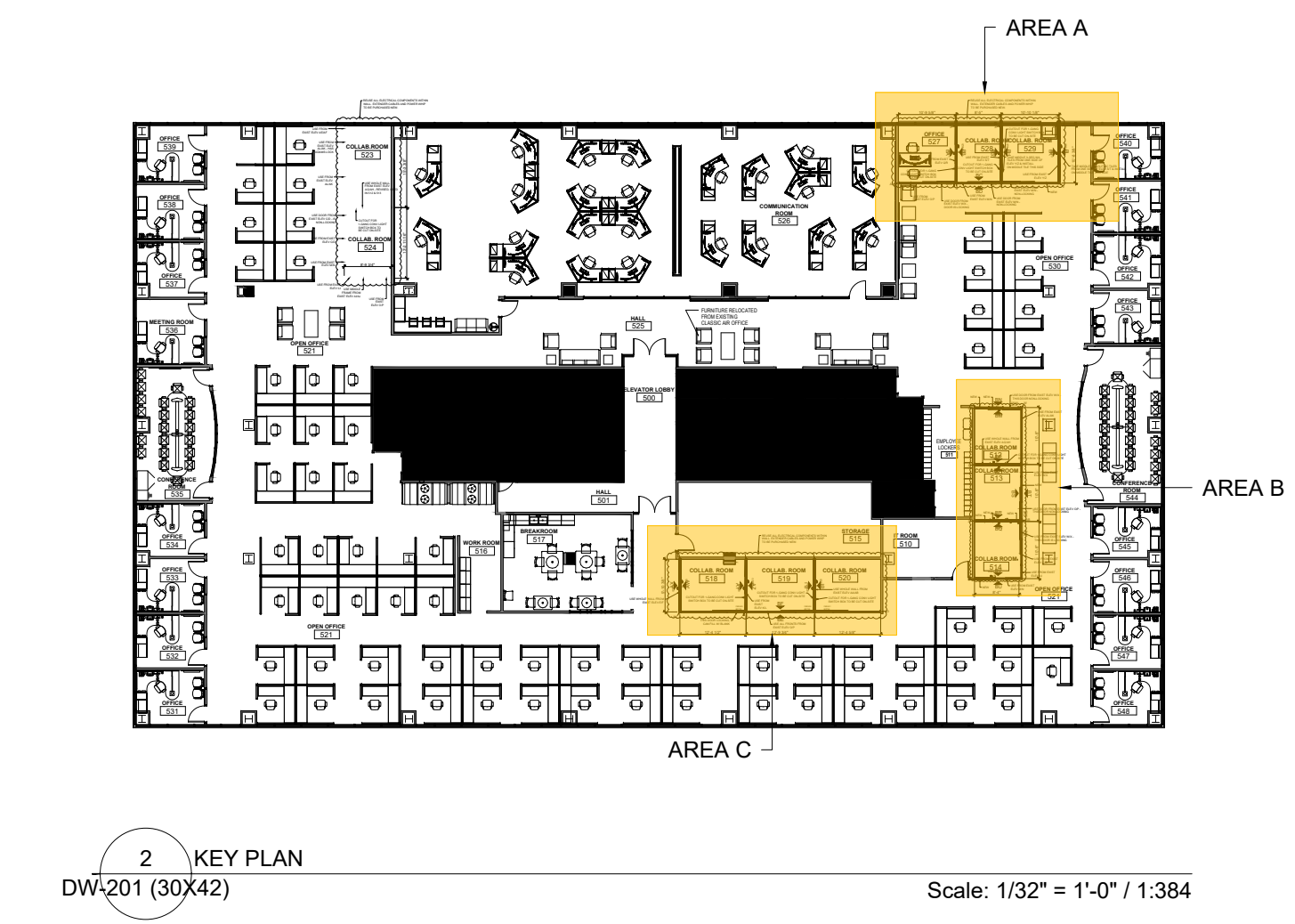
| Rev | Date | Revision | Initial |
|-----|---------|-------------|---------|
| 1 | 30Aug22 | First Issue | AJ |
| 2 | 21Oct22 | Revision 1 | AJ |

Project: 113573
 Drawn by: AJUBE
 Scale: AS NOTED
 Plot Date: 21OCT2022
 Contact: Ryan Handing
 Contact Number: 801-512-7579

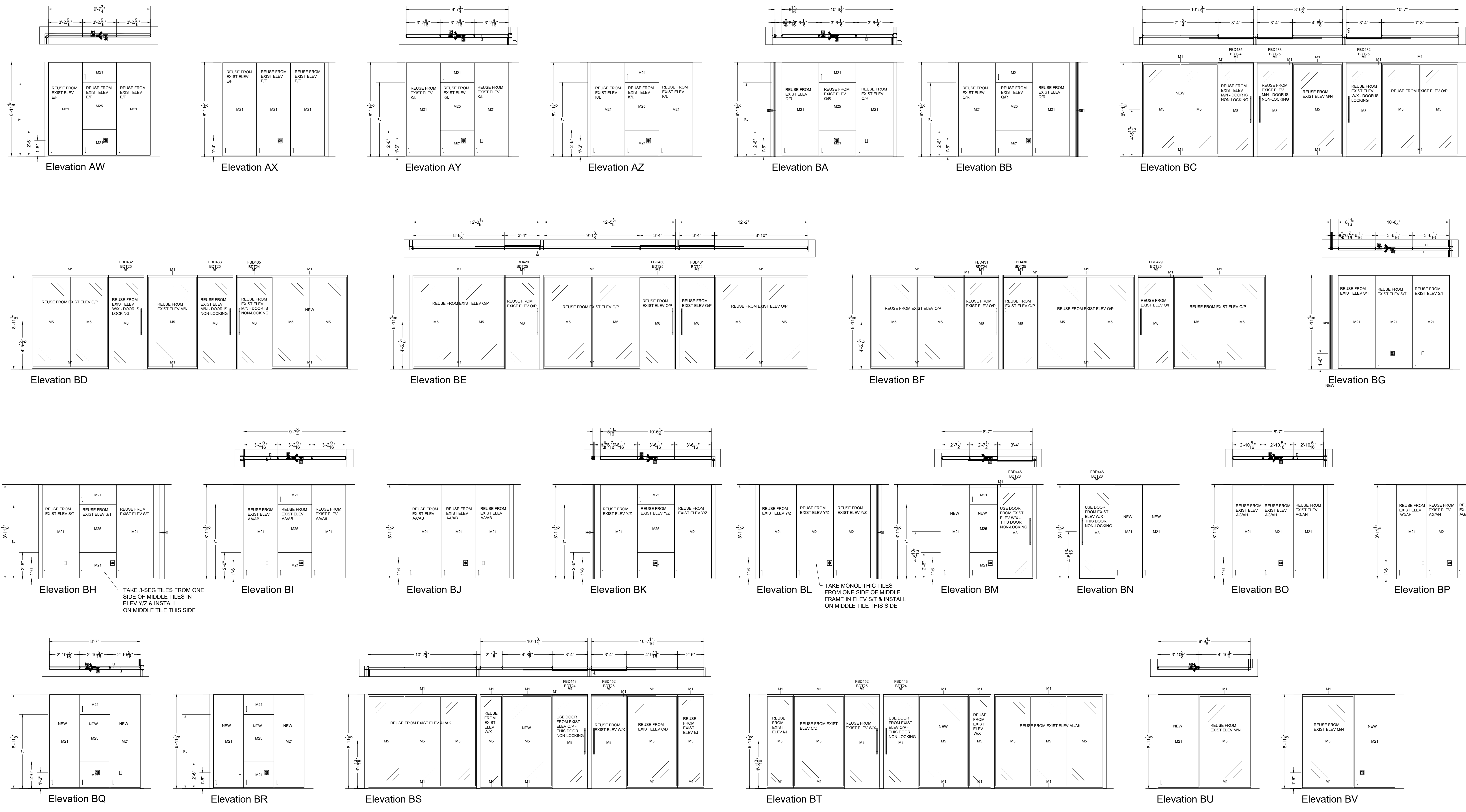
NEW PLAN SHEET

DW-201

DEMOUNTABLE PARTITIONS BY OWNER. DRAWINGS ARE PROVIDED FOR REFERENCE ONLY.



2 KEY PLAN
DW-201 (30x42) Scale: 1/32" = 1'-0" / 1:384



PROJECT DETAILS/NOTES:

FRAME AND TRIM DETAILS

| | |
|---|--|
| <input type="checkbox"/> CURVILINEAR | <input type="checkbox"/> ANODIZED ALUMINUM |
| <input type="checkbox"/> RECTILINEAR | <input type="checkbox"/> POWDER-COATED |
| <input checked="" type="checkbox"/> SLASH | <input type="checkbox"/> VENEER |
| <input type="checkbox"/> ELEV. TWIN | |

BASE TRIM COLOR

| | |
|--|---|
| <input checked="" type="checkbox"/> SILVER | <input checked="" type="checkbox"/> PLYGLASS W/FE COLOR |
| <input type="checkbox"/> CHARCOAL | <input type="checkbox"/> CHARCOAL |
| <input type="checkbox"/> BLACK | <input type="checkbox"/> BLACK |

REVEAL

| | |
|----------------------------------|---|
| <input type="checkbox"/> CLASSIC | <input type="checkbox"/> COPLANAR, NO |
| <input type="checkbox"/> ENDO | <input checked="" type="checkbox"/> YES |

FLOOR, CEILING, AND SUBMIT DETAILS

FLOOR TYPE

| | |
|--|--|
| <input checked="" type="checkbox"/> CARPET | <input type="checkbox"/> WALL HEIGHT: 8'-11-1/8" |
| <input type="checkbox"/> HARD SURFACE | |

CEILING TYPE

| | | |
|---|---|---|
| <input type="checkbox"/> DRYWALL BULKHEAD | <input type="checkbox"/> GRID TYPE: 5'x5' | <input checked="" type="checkbox"/> 15'x15' |
| <input type="checkbox"/> CORNICE RAIL | <input type="checkbox"/> TILE TYPE: | |
| <input type="checkbox"/> LOW WALL | <input type="checkbox"/> PLUSH | |
| <input checked="" type="checkbox"/> GRID | <input type="checkbox"/> CONCEALED | |
| | <input checked="" type="checkbox"/> REGULAR | |

SEISMIC REQUIRED: NO YES

HARDWARE REQUIREMENTS: NO YES

DOORS: REFERENCE DOOR SCHEDULE FOR FURTHER DETAILS

ELECTRICAL PROVISION REQUIRED: SEE ELECTRICAL SHOP DRAWINGS

DATA PROVISION REQUIRED: SEE PDM SHOP DRAWINGS

MILLWORK PROVISIONS REQUIRED: SEE MILLWORK SHOP DRAWINGS

ADDITIONAL NOTES:

CLIENT APPROVAL

APPROVED DRAWING PACKAGE
 APPROVED, AS NOTED
 REVISED, RESUBMIT

Authorized Signing Officer: _____ Date: _____

This drawing represents Henkenen Butler (HB Build)'s interpretation of the design intent and serves as our shop drawings for manufacturing purposes. The details and scope in these drawings represent the product that will be produced by DIRTT and delivered to site. All additions, changes, or deviations from this approval drawing package will be regarded as a change order and processed accordingly. Approval of this drawing package is one of the conditions precedent to commencement of manufacturing.

Henkenen Butler Design Group

DRAWING INDEX

| | |
|--------|------------------------------|
| DG-100 | EXISTING SCHEDULES & DETAILS |
| DW-101 | EXISTING PLANS |
| DW-102 | EXISTING ELEVATIONS |
| DG-200 | NEW SCHEDULES & DETAILS |
| DW-201 | NEW PLANS |
| DW-202 | NEW ELEVATIONS |

Project Name:
**Classic Aviation
 FL2 & 5 Reconfigure**

Existing Product Address:
**1010 N 500 E, #200
 North Salt Lake, UT 84054**

New Install Address:
**5373 South Green Street
 Murray, UT 84123**

**PRELIM
 SHOPS**

| Rev | Date | Revision | Initial |
|-----|---------|-------------|---------|
| 1 | 30Aug22 | First Issue | AJ |
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Project: 113573
 Drawn by: AJUBE
 Scale: AS NOTED
 Plot Date: 21OCT2022
 Contact: Ryan Harding
 Contact Number: 801-512-7579

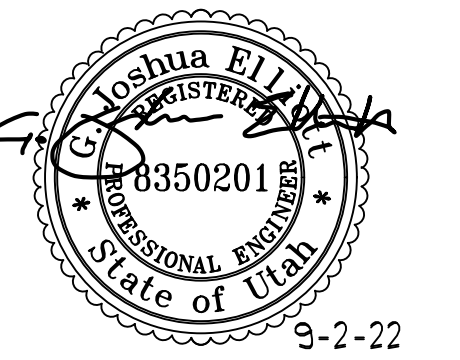
**NEW ELEVATIONS
 SHEET**

DW-202

**DEMOUNTABLE PARTITIONS BY
 OWNER.
 DRAWINGS ARE PROVIDED FOR
 REFERENCE ONLY.**

DIRTT Finish Schedule

| ID | Finish | Specification |
|-----|--------|--|
| M1 | ANOD | Grade 1 Anodized/ Anodized Finish - Clear |
| M5 | GLS | COM GLASS DIRECT TO SITE - COM Slickbutt Glass; Default 10mm; COM Glass; Flat Polish All Edges; 10.0; 10.0mm |
| M7 | GLS | COM GLASS DIRECT TO SITE - Default 12mm; COM Glass; Flat Polish All Edges; 12.0; 12.0mm |
| M8 | GLS | COM GLASS DIRECT TO SITE - Default 10mm; COM Glass; Flat Polish All Edges; 10.0; 10.0mm |
| M19 | MCF | Write Away Tile - White |
| M21 | VEN | DIRTT Veneer - Grade 2; Veneer - Teak Walnut Quarter Cut Clear Coat (Satin); Quarter Cut |
| M22 | PWD | DIRTT Powder Coated Grade 2; Powder Coat - Shimmer DPM60 (Metallic) |
| M23 | PWD | DIRTT Powder Coated Grade 2; Powder Coat - Shimmer DPM60 (Metallic) |
| M25 | MCF | WriteAway; Fresh White Gloss |



| REV | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |

| | |
|----------------|------------|
| VCBO NUMBER: | 00000 |
| CLIENT NUMBER: | 00000 |
| DATE: | 10/25/2022 |

| PIPING LEGEND | | | |
|--------------------------------------|-------|-------------------------------------|------|
| GATE VALVE | | CHILLED WATER SUPPLY | CWS |
| OS & Y PATTERN GATE VALVE | | CHILLED WATER RETURN | CWR |
| BALL VALVE | | CONDENSER WATER SUPPLY | CS |
| BUTTERFLY VALVE | | CONDENSER WATER RETURN | CR |
| MOTORIZED BUTTERFLY VALVE | | HEATING WATER SUPPLY | HWS |
| HEAT TRACING | | HEATING WATER RETURN | HWR |
| DEIONIZED WATER | DI | WATER TREATMENT | WT |
| CHECK VALVE (SWUNG OR LIFT AS REQ'D) | | FIRE DEPT. HORN & LIGHT | H&L |
| SOLENOID VALVE | | HOT GAS | HG |
| AUTOMATIC CONTROL VALVE (2-WAY) | | FLEXIBLE PIPE CONNECTION | |
| AUTOMATIC CONTROL VALVE (3-WAY) | | REDUCED PRESSURE BACKFLOW PREVENTER | RFBP |
| PRESSURE REDUCING VALVE | | DIRECTION OF FLOW | |
| P & T RELIEF VALVE | | ELBOW DOWN | |
| AIR VENT (AUTOMATIC) | | ELBOW UP | |
| REFRIGERANT LIQUID | RL | PIPE CAP | |
| REFRIGERANT SUCTION | RS | TEE DOWN | |
| THERMAL EXPANSION VALVE | | UNION | |
| STRAINER | | DOMESTIC COLD WATER | DOW |
| CIRCUIT SETTER | | DOMESTIC HOT WATER | DHW |
| FLOW METER | | HOT WATER CIRC. | DHW |
| FEET COCK OR GAUGE COCK | | TEMPERED WATER | T |
| PRESSURE GAUGE W/GAUGE COCK | | SANITARY (PLBG) VENT | |
| THERMOMETER | | SANITARY SEWER ABOVE GRADE | |
| TEMPERATURE & PRESSURE TEST PLUG | | SANITARY SEWER BELOW GRADE | |
| N-LINE PUMP | | DRAIN | D |
| FLOW SWITCH | | ROOF DRAIN PIPING | RD |
| AQUASTAT | | OVERFLOW DRAIN PIPING | OD |
| HOSE BIBB OR SILLCOCK | | STORM DRAIN PIPING ABOVE GRADE | SD |
| VACUUM | V | STORM DRAIN PIPING BELOW GRADE | SD |
| FLOOR DRAIN | | FIRE SERVICE | F |
| FLOOR SINK | | NATURAL GAS | NG |
| HOT GAS BYPASS | HGBP | COMPRESSED AIR | CA |
| WALL CLEANOUT | | VENT THROUGH ROOF | |
| FLOOR OR GRADE CLEANOUT | | STEAM | S |
| GRADE CLEANOUT W/ CONCRETE PAD | GCO-1 | CONDENSATE | C |
| | | GREASE WASTE | GW |
| | | FUEL SUPPLY | FS |
| | | FUEL RETURN | FR |

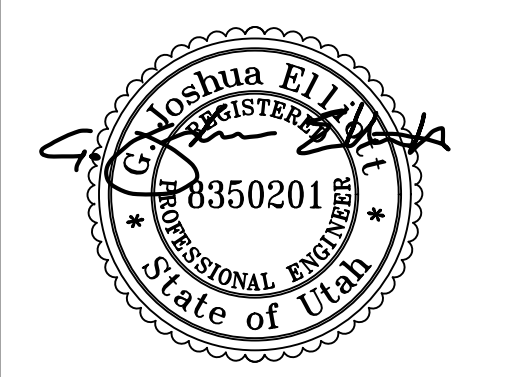
| MECHANICAL LEGEND | |
|---------------------------------|--|
| RETURN OR EXHAUST DUCT DOWN | |
| RETURN OR EXHAUST DUCT UP | |
| SUPPLY AIR DUCT DOWN | |
| SUPPLY AIR DUCT UP | |
| SPIN-IN FITTING W/MYD | |
| FLEXIBLE DUCT CONNECTION | |
| CEILING SLOT DIFFUSER | |
| CEILING DIFFUSER | |
| CEILING EXHAUST GRILLE | |
| CEILING GRILLE | |
| ACCESS PANEL | |
| MANUAL VOLUME DAMPER | |
| MOTORIZED DAMPER | |
| FIRE DAMPER | |
| COMBINATION FIRE/SMOKE DAMPER | |
| SMOKE DAMPER | |
| SMOKE DETECTOR | |
| THERMOSTAT OR TEMP SENSOR | |
| POINT OF CONNECTION TO EXISTING | |
| DETAIL TAG | |
| KEYED NOTE | |
| SECTION CUT LINE | |
| CONTROL TRANSFORMER | |
| SPACE STATIC PRESSURE SENSOR | |

- GENERAL NOTES:**
- INDICATES POINT OF CONNECTION OF NEW TO EXISTING MECHANICAL EQUIPMENT, PIPING OR DUCTWORK.
 - COORDINATE ALL FIRE SPRINKLER HEADS AND AIR DEVICE LOCATIONS WITH REFLECTED CEILING PLANS AND ELECTRICAL DRAWINGS.
 - DUCTWORK SHALL BE INSULATED AS FOLLOWS:
MEDIUM PRESSURE DUCT UP TO RTU: LINED OR UNWRAPPED R-6
ROUND DUCTWORK: UNWRAPPED R-6
LOW PRESSURE RECTANGULAR DUCTWORK: LINED R-6
ROUND FLEXIBLE DUCT (MAX 6' LONG): N/A R-6
DUCTWORK INSTALLED OUTSIDE THE BUILDING: DOUBLE WALL R-12
EXPOSED DUCT DOES NOT REQUIRE INSULATION.
*ALL INSULATION TO MEET NFPA 90 PER UL 181-CLASS 1.
NO DUCTBOARD ALLOWED.
 - ALL DUCT IS TO BE UNWRAPPED UP TO THE ROU'S. DUCTWORK DOWNSTREAM OF THE VAV'S IS TO BE LINED OR UNWRAPPED IF ROUND. NO DUCTBOARD IS ALLOWED.
 - DUCTWORK AND PIPE ROUTING AS SHOWN ON DRAWINGS IS DIAGNOSTIC AND IS NOT TO BE SCALED. WHERE ALTERNATE ROUTING, GRATES AND TRANSITIONS ARE REQUIRED FOR COORDINATION OF WORK, THIS CONTRACTOR SHALL MAKE CHANGES WITHOUT ADDITIONAL COSTS.
 - THIS CONTRACTOR SHALL CLOSELY COORDINATE NEW MECHANICAL WITH NEW AND EXISTING MECHANICAL, ELECTRICAL, ARCHITECTURAL AND BUILDING STRUCTURE.
 - THIS CONTRACTOR SHALL FIELD VERIFY ALL MECHANICAL ITEMS PRIOR TO STARTING NEW WORK. ADDITIONAL COST WILL NOT BE ALLOWED FOR CONTRACTOR'S FAILURE TO BECOME FAMILIAR WITH EXISTING SITE CONDITIONS.
 - THIS CONTRACTOR SHALL USE SHACNA DUCT CONSTRUCTION STANDARDS FOR SHEET METAL DUCTS. ALL DUCTWORK SHALL BE CONSTRUCTED FOR 1" W.C. STATIC PRESSURE, SEAL CLASS "A".
 - ALL MECHANICAL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT ADOPTED EDITION OF THE BUILDING CODES, FIRE CODES, MECHANICAL CODES AND PLUMBING CODES.
 - THIS CONTRACTOR SHALL PROVIDE SUBMITTALS ON ITEMS LISTED IN MECHANICAL EQUIPMENT LIST TO THE ENGINEER FOR REVIEW PRIOR TO THE ORDER, PURCHASE OR INSTALLATION.
 - ALL VAV BOXES, RTU'S, WATER FLOW RATES AND DIFFUSERS MUST BE BALANCED TO THE VALUES INDICATED ON THE FLOOR PLANS. PROVIDE BALANCE REPORT TO ENGINEER PRIOR TO PROJECT CLOSEOUT.
 - DUCT DIMENSIONS SHOWN ARE INSIDE CLEAR DIMENSIONS.
 - FIRE SPRINKLER CONTRACTOR SHALL ADD AND/OR RELOCATE SPRINKLER HEADS PER REFLECTED CEILING PLAN AND THE CURRENT ADOPTED EDITION OF NFPA AND BUILDING CODE.
 - ALL DOMESTIC COLD AND DOMESTIC HOT WATER PIPING SHALL BE TYPE "L" COPPER. ALL WASTE AND VENT PIPING SHALL BE CAST IRON.
 - VENT THE HIGH POINTS OF NEW MECHANICAL PIPING.
 - INSULATE PIPING AS FOLLOWS:
a. DOMESTIC HOT WATER PIPING:
1" THICK FOR ALL PIPE SIZES.
b. DOMESTIC COLD WATER PIPING:
2" THICK FOR PIPE SIZES 1/2" TO 6"
(PROVIDE CONTINUOUS VAPOR BARRIER.)
c. HEATING WATER SUPPLY AND RETURN PIPING:
1.5" THICK FOR PIPE SIZES UP TO AND INCLUDING 1 1/2".
2" THICK FOR PIPE SIZES 2" AND LARGER.
d. INSULATE PIPING WITH FIBERGLASS PIPE COVERING WITH ALL SERVICE JACKET AND SELF-CAP SEAL. FITTINGS SHALL BE MITERED PIPING COVERING OF GLASS FIBER MOLDED FITTINGS FOR USE IN A RETURN AIR FLENUM. THERMAL CONDUCTIVITY SHALL BE A MAXIMUM OF .25 INCH THICKNESS AT 75°F.
 - MECHANICAL CONTRACTOR IS TO COORDINATE WITH ELECTRICAL ON SIZE/QUANTITY OF MOTORIZED DAMPERS. I. E. FIRE/SMOKE DAMPERS, FIRE DAMPERS, MOTORIZED DAMPERS, ETC. . .
 - EACH TRADE IS RESPONSIBLE FOR THEIR OWN FIRE CAULKING.
 - M.C. MUST PROVIDE AND INSTALL ALL ACCESS DOORS FOR FCU'S, VALVES, FLOW METERS, ETC. COORDINATE LOCATION WITH GENERAL CONTRACTOR.
 - HOUSEKEEPING PADS FOR ALL EQUIPMENT IS PROVIDED AND INSTALLED BY GENERAL CONTRACTOR. COORDINATE LOCATION WITH MECHANICAL CONTRACTOR.
 - ALL TAKE-OFFS THROUGHOUT THE ENTIRE BUILDING SHALL BE HIGH EFFICIENCY TAKE-OFFS (HET'S). NO EXCEPTIONS TAKEN.
 - ALL RETURN AIR GRILLES SHALL HAVE SOUND BOOTS W/ LINED INSULATION. INSULATION IS TO BE PAINTED FLAT BLACK.
 - M.C. TO SUBMIT TO ENGINEER ALL AS-BUILDS OF BUILDINGS MECHANICAL AND PLUMBING SYSTEMS PRIOR TO JOB COMPLETION AND FINAL PAYMENT.
 - ALL EXPOSED PIPING IS TO BE INSULATED AND WEATHERPROOFED. SEE SPEC SECTION 22 07 00.
 - ALL INVERT ELEVATIONS SHOWN ON PLANS ARE BASED OFF OF FINISHED FLOOR ELEVATION AT 1020 0'. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL AND CIVIL DRAWINGS FOR EXACT INVERT ELEVATIONS OF ALL LEVELS.
 - ALL FLOOR DRAINS / FLOOR SINKS THROUGH-OUT THE ENTIRE BUILDING ARE TO HAVE TRAP SEAL PRIMER VALVES OR TRAP GUARDS PROVIDED / INSTALL BY PLUMBING CONTRACTOR.
 - ALL GAS METER REGULATORS ARE TO BE VENTED TO THE OUTSIDE OF THE BUILDING BY THE MECHANICAL CONTRACTOR OR PROVIDE / INSTALL VENTLESS REGULATORS IF ALLOWED BY THE LOCAL JURISDICTION. NONE OF THE VENT PIPING OFF THE REGULATORS ARE SHOWN ON THE PLANS FOR CLARITY.
 - ALL FIRE DAMPERS SHOWN ON PLANS SHALL COMPLY WITH THE REQUIREMENTS OF UL 555. ALL SMOKE DAMPERS SHOWN ON PLANS SHALL COMPLY WITH UL 555S. ALL COMBINATION FIRE / SMOKE DAMPERS SHOWN ON PLANS ARE TO COMPLY WITH BOTH UL 555 AND UL 555S. FOR ALL FIRE DAMPERS CONTRACTOR IS TO PROVIDE / INSTALL NCA MODEL FD1 (OR EQUAL) TO MEET STANDARD UL 555 RATING. FOR ALL SMOKE DAMPERS AND COMBINATION FIRE SMOKE DAMPERS CONTRACTOR IS TO PROVIDE / INSTALL NCA MODEL F80-3V-3111 (OR EQUAL) TO MEET STANDARD UL 555 AND UL 555S RATINGS.
 - THE MECHANICAL CONTRACTOR IS TO HAVE THE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR EACH TYPE OF FIRE DAMPER, SMOKE DAMPER, AND COMBO FIRE / SMOKE DAMPERS ON THE JOB SITE AT TIME OF INSPECTIONS.
 - ALL THERMOSTAT LOCATIONS ON THE PLANS SHALL COORDINATED WITH FURNITURE PLANS AND VERIFIED WITH OWNER PRIOR TO ROUGH IN.

| DIFFUSERS & GRILLE SCHEDULE | | GRILLE NUMBER | GRILLE CRT | REMARKS | | | |
|-----------------------------|------------------------|---------------|--------------|----------------|---------|----------------------------|--|
| PLAN CODE | TYPE & DUTY | NECK SIZE | CEILING TYPE | N.C. LEVEL MAX | MAX CRT | MANUFACTURER & MODEL NO. | REMARKS |
| 1 | 24" x 24" SQ. SUPPLY | 8"ø | See Plans | 29 | 225 | AIR DIFFUSION PRODUCTS DNR | ADAPTER AND OBD WHERE APPLICABLE |
| 2 | 24" x 24" SQ. SUPPLY | 10"ø | See Plans | 30 | 355 | AIR DIFFUSION PRODUCTS DNR | ADAPTER AND OBD WHERE APPLICABLE |
| 3 | 24" x 24" SQ. SUPPLY | 12"ø | See Plans | 30 | 510 | AIR DIFFUSION PRODUCTS DNR | ADAPTER AND OBD WHERE APPLICABLE |
| 4 | 12" x 24" PERF. RETURN | 10" x 22" | See Plans | - | 625 | PRICE PDR SERIES | PROVIDE ROUND DUCT CONNECTION AND OBD WHERE APPLICABLE |
| 5 | 24" x 24" PERF. RETURN | 22" x 22" | See Plans | - | 1350 | PRICE PDR SERIES | PROVIDE ROUND DUCT CONNECTION AND OBD WHERE APPLICABLE |
| 6 | 24" x 24" SQ. SUPPLY | 14"ø | See Plans | 30 | 705 | AIR DIFFUSION PRODUCTS DNR | ADAPTER AND OBD WHERE APPLICABLE |

* PROVIDE WITH OBD AND SQUARE TO ROUND ADAPTER WHERE APPLICABLE.

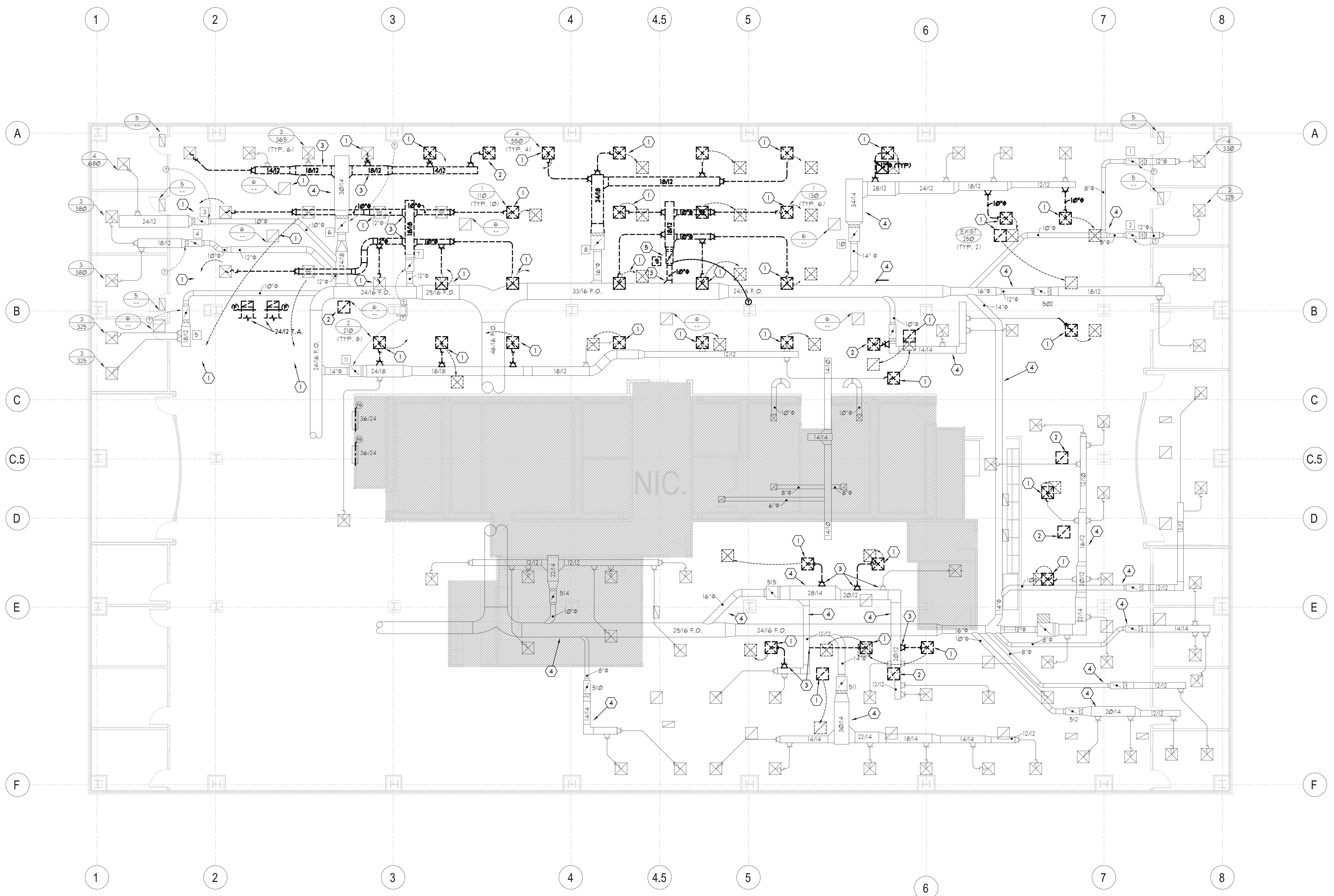
BUILDING HVAC CONTROLS NOTES:
THIS WORK WILL REQUIRE THE USE OF THE SAME CONTRACTOR THAT HAS INSTALL AND MAINTAINS EXISTING BUILDING CONTROLS. COORDINATE POINT OF CONTACT WITH BUILDING OWNER.
- PROVIDE NEW CONTROLLERS FOR NEW VAV'S MATCHING EXISTING CONTROLLERS. TIE NEW VAV'S INTO EXISTING BAS.
- PROVIDE UPDATED GRAPHICS TO SHOW NEW AND RE-USED VAV'S AND REVISED ZONING.
- PROVIDE ALL PROGRAMMING FOR NEW AND RE-USED VAV'S, RE-USED VAV'S AND ALL TENANT NEEDS INCLUDING AFTER-HOURS OVERRIDE, SETPOINTS, ALARMS, ETC.
- PROVIDE NEW CONTROL VALVES FOR NEW RE-HEAT BOXES.
- COORDINATE WITH BALANCING CONTRACTOR FOR NEW AND RE-USED BOX SETPOINT.
- INSPECT ALL EXISTING BOXES TO VERIFY PROPER CONTROLS FUNCTION AND SERVICE AS REQUIRED.
- PROVIDE SOFTWARE / FIRMWARE UPDATES AS REQUIRED.
- COORDINATE INSTALLATION OF THERMOSTATS WITH OTHER TRADES AND BUILDING FURNITURE PRIOR TO ROUGH-IN.



| REV | DATE | DESCRIPTION |
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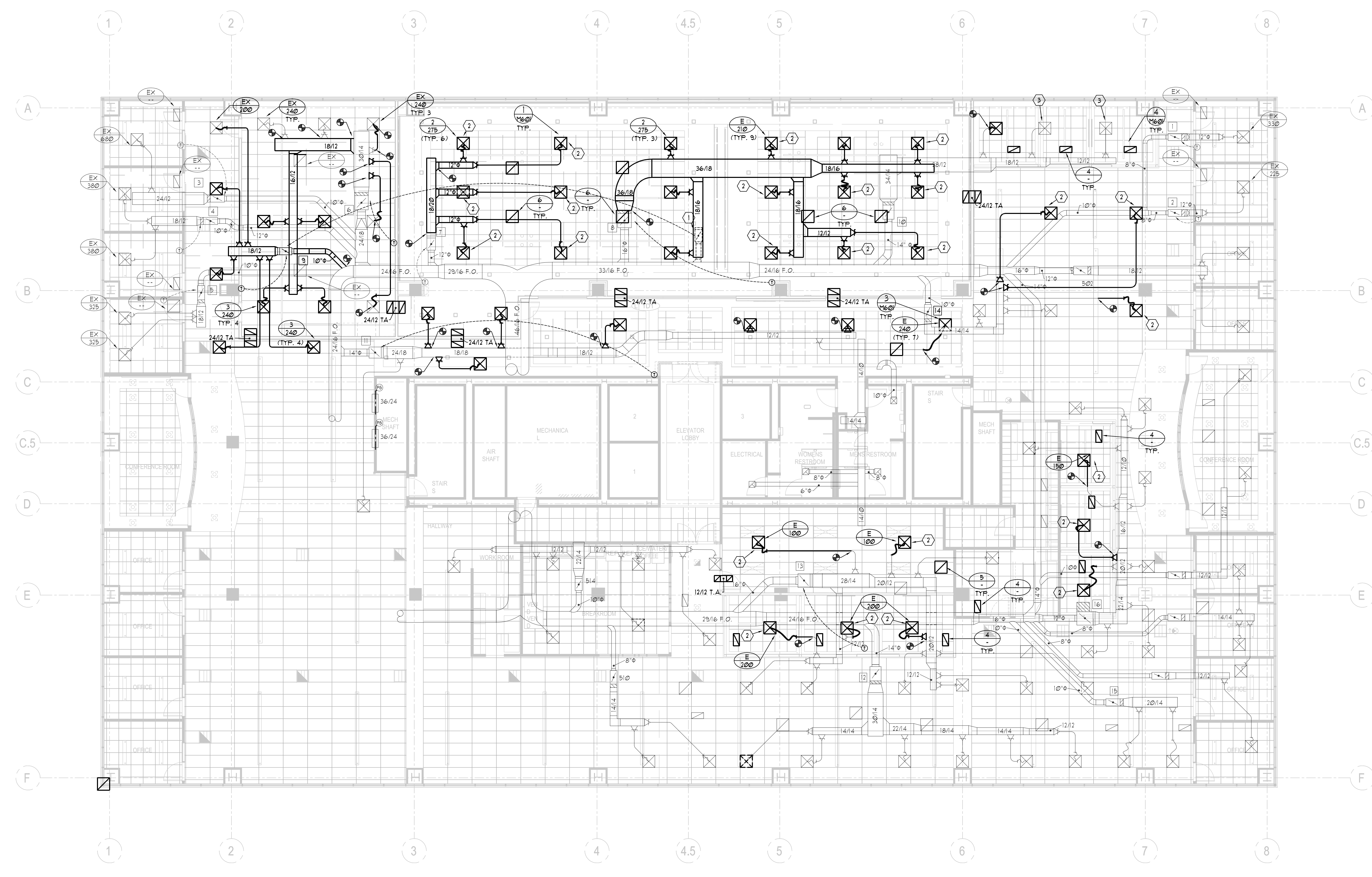
CLASSIC AIR - VCT 5TH FLOOR REMODEL
INTERMOUNTAIN HEALTHCARE
VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
MURRAY, UTAH
CONSTRUCTION DOCUMENTS

**LEVEL 5
MECHANICAL
DEMO PLAN
M205D**



- LEGEND:**
EXISTING TO BE REMAIN: [Symbol]
EXISTING TO BE REMOVED: [Symbol]
- KEYED NOTES:**
- RELOCATE EXISTING DIFFUSER / GRILLE. PROVIDE NEW FLEX DUCT AS NECESSARY. SEE M201 FOR NEW LOCATION.
 - REMOVE EXISTING DIFFUSER / GRILLE. RE-USE WHERE POSSIBLE.
 - REMOVE EXISTING DUCTWORK. CAP AT MAIN.
 - EXISTING TO REMAIN.
 - RELOCATE EXISTING VAV. SEE M205 FOR NEW LOCATION.
- GENERAL NOTES:**
- EXISTING CONDITIONS SHOWN ARE BASED ON SITE OBSERVATIONS AND MAY NOT REFLECT EXACT CONDITIONS. THIS CONTRACTOR IS TO VERIFY ALL ITEMS PRIOR TO STARTING WORK AND NOTIFY OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH WORK.
 - DIFFUSERS AND GRILLES ARE TO ALIGN IN LINEAR PATTERNS AS MUCH AS POSSIBLE. SHIFT DIFFUSERS UP AS NECESSARY TO ALIGN DIFFUSERS.

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



LEGEND:
EXISTING TO REMAIN:
NEW CONSTRUCTION:

KEYED NOTES:
1 MOVE EXISTING VAV TO LOCATION SHOWN. CAP AND SEAL DUCT AT TAKEOFF.
2 DIFFUSER RELOCATED AND REUSED. SEE M205D FOR ORIGINAL LOCATION.
3 ADJUST DIFFUSER AS NECESSARY WITH WORK IN THIS AREA. DIFFUSER IS TO BE CENTERED IN THE ROOM AS CLOSELY AS POSSIBLE.

GENERAL NOTES:
A EXISTING CONDITIONS SHOWN ARE BASED ON SITE OBSERVATIONS AND MAY NOT REFLECT EXACT CONDITIONS. THIS CONTRACTOR IS TO VERIFY ALL ITEMS PRIOR TO STARTING WORK AND NOTIFY OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH WORK.
B THE SPACE ABOVE THE CEILING IS INTENDED TO BE USED AS A RETURN AIR FLENUM. ALL ITEMS INSTALLED IN THE FLENUM (CABLES, PIPES, ETC) SHALL BE NON-COMBUSTIBLE AND RATED FOR FLENUM INSTALLATION.

VAV BOXES:

| BOX NO. | SIZE |
|---------|-----------------|
| 1 | 16" x 22" x 20" |
| 2 | 16" x 22" x 20" |
| 3 | 12" x 18" x 16" |
| 4 | 16" x 22" x 20" |
| 5 | 16" x 22" x 20" |
| 6 | 10" x 12" x 10" |
| 7 | 14" x 18" x 16" |
| 8 | 16" x 22" x 20" |
| 9 | 10" x 12" x 10" |
| 10 | 14" x 18" x 16" |
| 11 | 16" x 22" x 20" |
| 12 | 14" x 18" x 16" |
| 13 | 16" x 22" x 20" |
| 14 | 10" x 12" x 10" |
| 15 | 10" x 12" x 10" |
| 16 | 12" x 18" x 16" |

M205 MECHANICAL FLOOR PLAN
SCALE: 1/8" = 1' - 0"

| REV | DATE | DESCRIPTION |
|-----|---------|---------------|
| 1 | 12/1/22 | CITY COMMENTS |

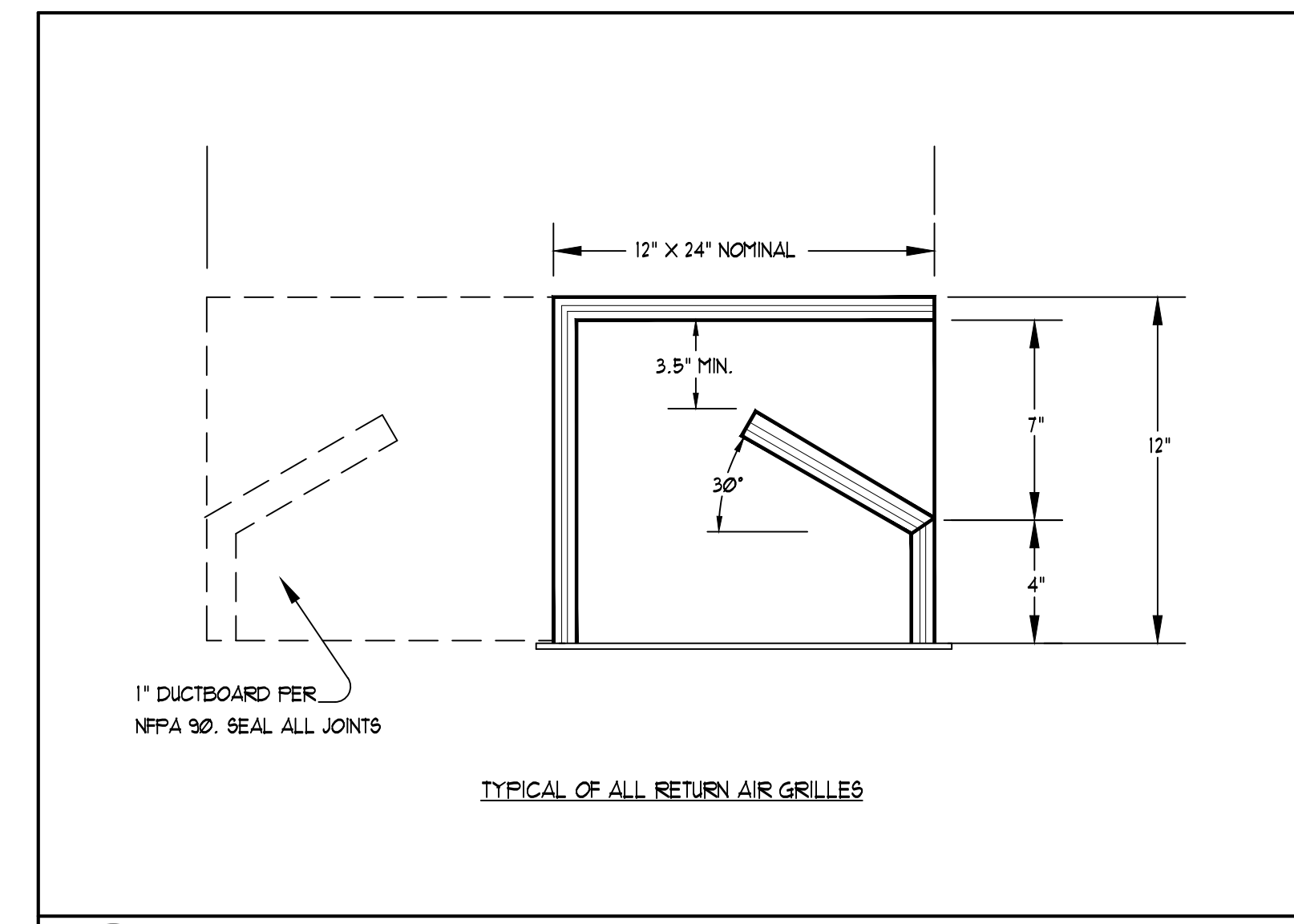
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CLIENT NUMBER: 00000
DATE: 10/25/2022

CLASSIC AIR - VCT 5TH FLOOR REMODEL
INTERMOUNTAIN HEALTHCARE
VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
MURRAY, UTAH
CONSTRUCTION DOCUMENTS

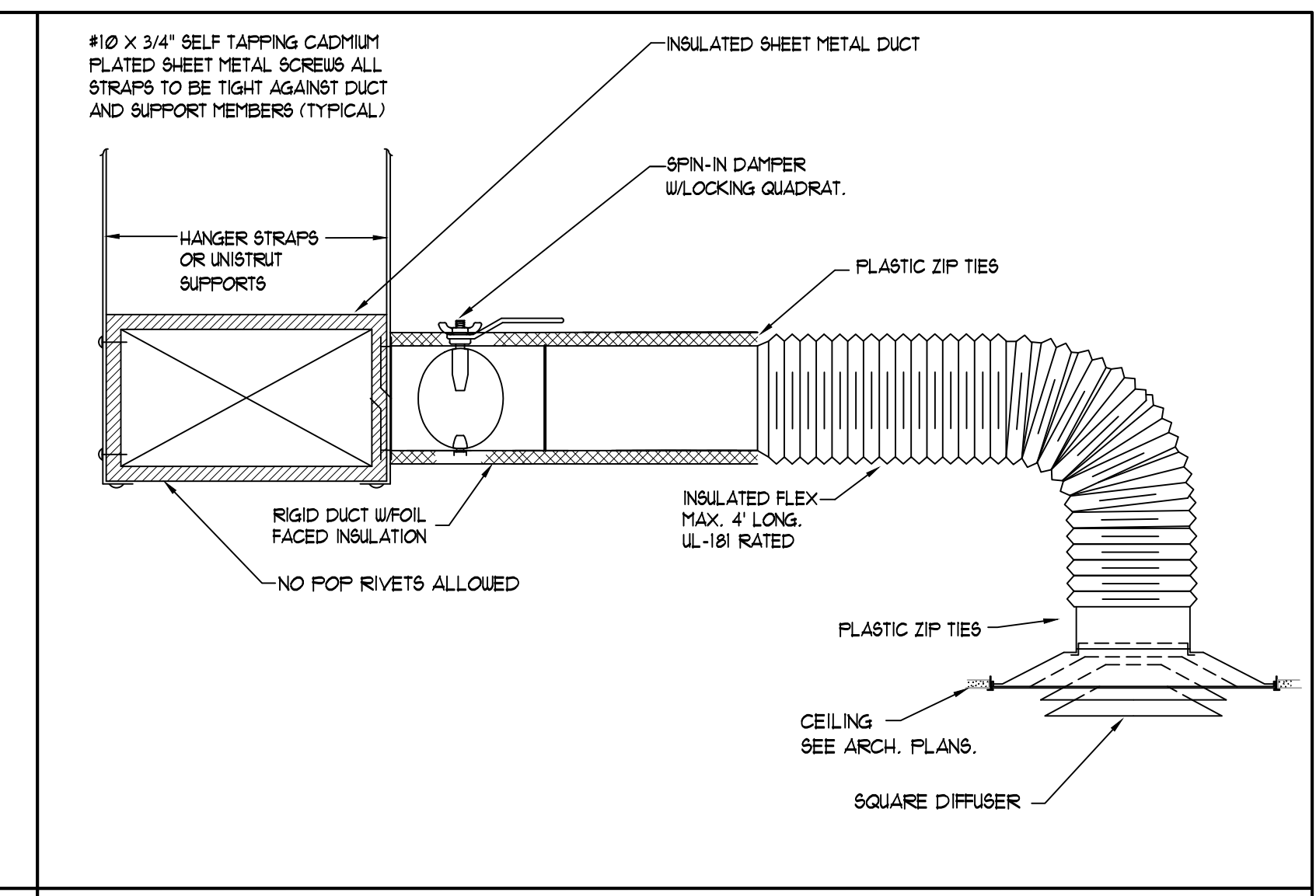
**LEVEL 5
MECHANICAL
FLOOR PLAN
M205**

| REV | DATE | DESCRIPTION |
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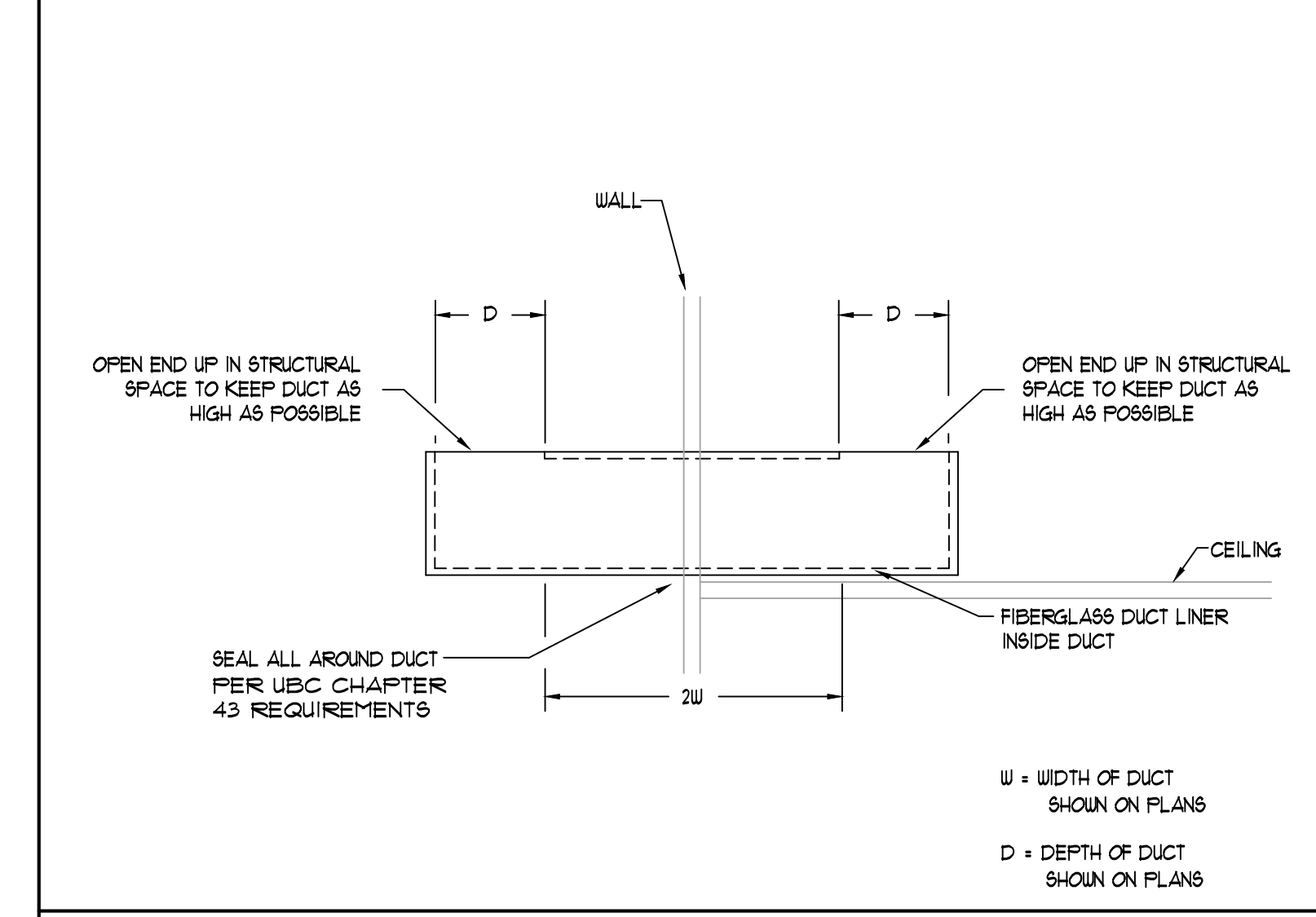
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DATE: 10/25/2022



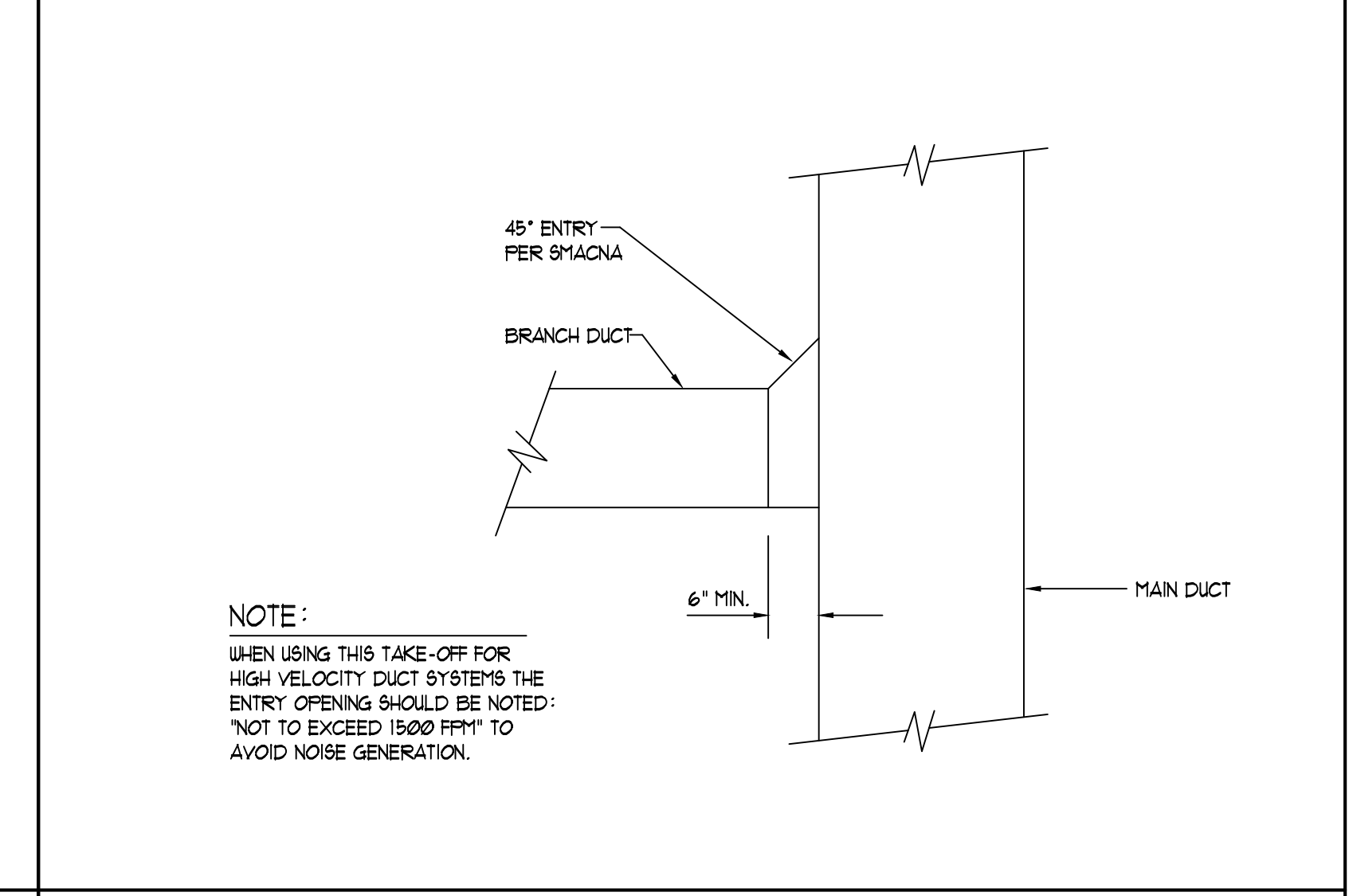
4
M601 SCALE: NOT TO SCALE



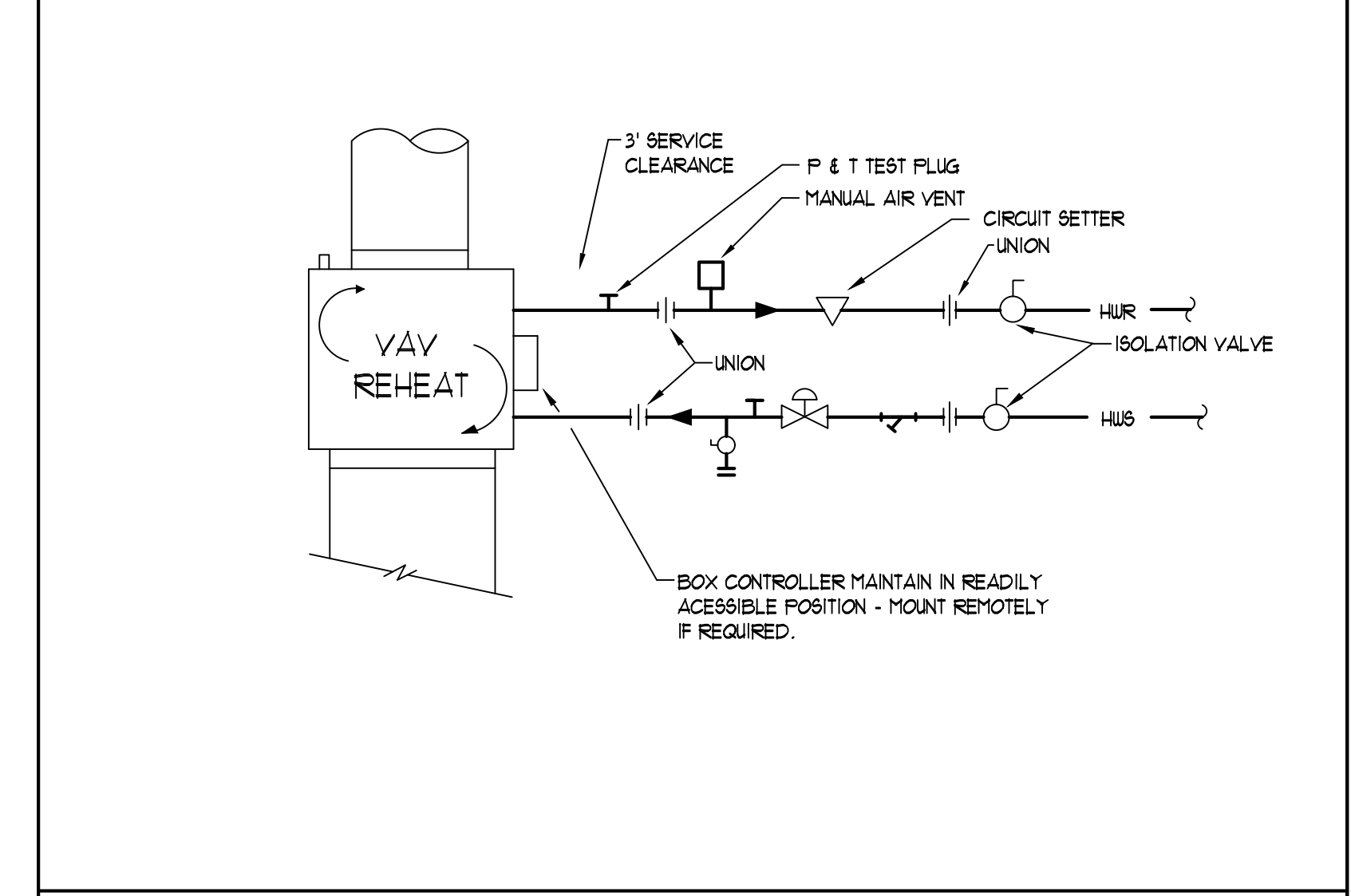
1
M601 SCALE: NOT TO SCALE



5
M601 SCALE: NOT TO SCALE



2
M601 SCALE: NOT TO SCALE



3
M601 SCALE: NOT TO SCALE

| CLINIC/HOSPITAL - CABLE/OUTLET COLOR SCHEDULE | |
|---|---------------------|
| COLOR | TYPE |
| BLUE | DATA |
| BLUE | IP SECURITY CAMERAS |
| YELLOW | WIRELESS |

| COPPER PATCH CORD SCHEDULE (CATEGORY 6A F/UTP CABLES W/RJ-45 CONNECTORS) | | | |
|---|-------|-----------------------------|------------------|
| LENGTH (FEET) | COLOR | QUANTITY | UNIT COST (EACH) |
| 5' | BLUE | 20% OF TOTAL PORTS IN TDR'S | |
| 7' | BLUE | 60% OF TOTAL PORTS IN TDR'S | |
| 10' | BLUE | 20% OF TOTAL PORTS IN TDR'S | |

| WIRELESS PATCH CORD PATCH CORD SCHEDULE (CATEGORY 6A F/UTP W RJ/45 CONNECTORS) | | | |
|---|--------|------------------------------|------------------|
| LENGTH (METER) | COLOR | QUANTITY | UNIT COST (EACH) |
| 7' | YELLOW | 100% OF TOTAL PORTS IN TDR'S | |

| CLINIC/HOSPITAL - 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 RISER, BLUE, DATA | SIEMON 9A6R4-A5-06-R1A |
| | STATION CABLE, DATA - CATEGORY 6A FUTP RISER, YELLOW, WIRELESS DATA | SIEMON 9A6R4-A5-05-R1A |
| | DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION | SIEMON 10GMX-FPS04-02 |
| Y | CATEGORY 6A JACK - DATA, BLUE | SIEMON Z6A-S06 |
| | DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION | SIEMON 10GMX-FPS04-02 |
| ↓ | CATEGORY 6A JACK - DATA, BLUE | SIEMON Z6A-S06 |
| (C) | DATA OUTLET, SURFACE MOUNT BOX, WHITE, 2 POSITION | SIEMON MX-SM22-02 |
| C | CATEGORY 6A JACK - DATA, YELLOW | SIEMON Z6A-S05 |
| SPP1 | 48 PORT, 1RU ANGLE PATCH PANEL WITH OUTLETS | SIEMON Z6AS-PA-48 |
| HWM2 | HORIZONTAL WIRE MANAGERS, FRONT ONLY, 2RU, BLACK | PANDUIT NCN1AEF2 |
| VWM | VERTICAL WIRE MANAGERS, 10" WIDTH, DOUBLE SIDED, BLACK, 7' | CHATSWORTH 40096-703 |
| | EQUIPMENT RACK 19" x 7, 45 RU, BLACK | CHATSWORTH 55053-703 |
| | DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK | DCE E456210122001S |
| | 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 |

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

CLINIC/HOSPITAL - 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.
- FOR EVERY CABLE PULL SPECIFIED, COIL 15' OF EXCESS CABLE AT THE STATION END FOR FUTURE USE. NEATLY COIL 15' ABOVE THE CEILING OR BELOW FLOOR WHERE APPLICABLE.
- 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 NOT RACK ALLOCATION PLEASE CALL BOE SAUSEDO AT 801-707-3956.
- COORDINATE WITH ALL SUBS TO ENSURE THAT ALL CABLES ARE PROTECTED FROM ANY DIRECT PAINT, OR INCIDENTAL OVERSPRAY.

ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.

| | |
|-----|----------------------------------|
| A | AUGMENTED |
| CAT | CATEGORY |
| E | ENHANCED |
| EA | EACH |
| ER | EQUIPMENT ROOM |
| FPP | FIBER PATCH PANEL |
| GIG | GIGA HERTZ |
| HWM | HORIZONTAL WIRE |
| NIC | MANAGEMENT |
| OE | NOT IN CONTRACT |
| PNM | OWNER ELECTRONICS |
| PR | PLENUM |
| PS | PAIR |
| RPP | POWER SUPPLY |
| SPP | RISER PATCH PANEL |
| TDR | STATION PATCH PANEL |
| TYP | TELECOMMUNICATIONS ROOM |
| VWM | TYPICAL VERTICAL 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 "SHOWING", "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...

AV RACEWAY SYSTEMS SCHEDULE

| SYMBOL | DESCRIPTION | MOUNTING | SPECIAL INSTRUCTIONS |
|--------|---|--|---|
| TPW | JUNCTION BOX FOR TOUCH PANEL, 4-11/16" BOX WITH A 2-GANG MUD RING, MAXIMUM DEPTH FOR STUD SPACE | FLUSH IN THE WALL AT ELECTRICAL SWITCH HEIGHT | |
| | CONDUIT, 3/4" MINIMUM EMT | CONCEALED BEHIND FINISHED SURFACES, UNLESS NOTED OTHERWISE | REFER TO RISER DIAGRAMS FOR EXACT SIZES & QUANTITIES |
| CP1 | JUNCTION BOX, 1-GANG, MINIMUM 3" DEEP | FLUSH IN THE WALL AT ELECTRICAL OUTLET HEIGHT | |
| CP2 | JUNCTION BOX, 4-11/16" BOX W/ 2-GANG MUD RING, MINIMUM 3" DEEP | FLUSH IN THE WALL AT ELECTRICAL OUTLET HEIGHT | |
| PTAV | POKE THROUGH, 6" | FLUSH IN FLOOR | SEE POWER PLANS FOR EXACT MAKE/MODEL |
| MSS | JUNCTION BOX FOR LARGE SCREEN MONITOR, WITH TRIM RING AND COVER: FSR-PBW-100 | FLUSH IN THE WALL, COORDINATE MOUNTING HEIGHT WITH THE ELEVATION SHOWN IN THE ARCHITECTURAL DRAWINGS | |
| MTS | FLAT PANEL MONITOR JUNCTION BOX, CHIEF PAC 526FCW | FLUSH IN THE WALL AT APPROXIMATELY +8" AFF TO CENTER OF BOX | PROVIDE STRUCTURAL BACKING, AND COORDINATE EXACT ELEVATION WITH OWNER |
| | PTZ CAMERA LOCATION, JUNCTION BOX, 4-11/16" BOX W/ 2-GANG MUD RING, MINIMUM 3" DEEP | FLUSH IN THE WALL AT 14" ABOVE MONITOR BACK BOX | ALIGN CENTER OF MONITOR AND CAMERA JUNCTION BOXES |
| S | SPEAKER LOCATION | FLUSH IN FINISHED CEILING | EXISTING |
| M | CEILING MOUNTED MICROPHONE | FLUSH IN FINISHED CEILING | FURNISHED AND INSTALLED BY AV INSTALLER |
| | AV EQUIPMENT RACK, NO REQUIREMENT | | FURNISHED AND INSTALLED BY AV CONTRACTOR |

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.
- ALL ROUGH-IN SHALL BE IN COMPLIANCE WITH ANSIT/IEA 569-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."

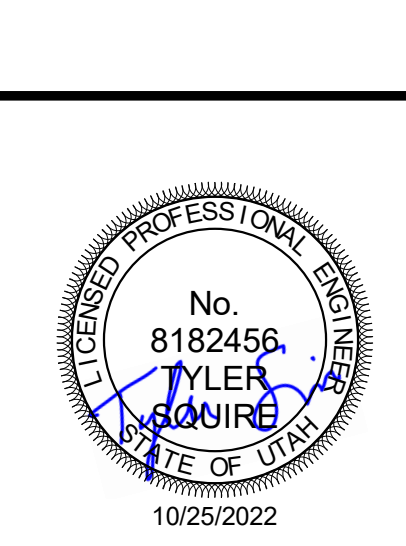
INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED 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 |
| "CND" | CONDUIT | "KW" | KILOWATTS |
| "CB", "CBB" | CIRCUIT BREAKER | "LFMC" | LIQUID TIGHT FLEXIBLE METAL CONDUIT |
| "CKT" | CIRCUIT | "LFNC" | LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT |
| "CO" | CONVENIENCE OUTLET | "MCA" | MINIMUM CIRCUIT AMPS |
| "C.O.R." | CONTRACTING OFFICER'S REPRESENTATIVE | "MLO" | MAIN LUGS ONLY |
| "CU" | COPPER | "N.C." | NORMALLY CLOSED |
| "EA" | EACH | "N.I.C." | NOT IN CONTRACT |
| "ELEC" | ELECTRICAL | "N.O." | NORMALLY OPEN |
| "EM" | EMERGENCY | "O.C." | ON CENTER |
| "EMT" | ELECTRICAL METALLIC TUBING | "OCP" | OVER CURRENT PROTECTION |
| "ENT" | ELECTRICAL NONMETALLIC TUBING | "QTY" | QUANTITY |
| "EQUIP" | EQUIPMENT | "R" | REMOVE |
| "EX" | EXISTING | "RMC" | RIGID METAL CONDUIT |
| "FA" | FIRE ALARM | "RNC" | RIGID NONMETALLIC CONDUIT |
| "FACP" | FIRE ALARM CONTROL PANEL | "RR" | REMOVE AND RELOCATE |
| "FLA" | FULL LOAD AMPS | "TYP" | TYPICAL |
| "FMC" | FLEXIBLE METAL CONDUIT | "UF" | UNDER FLOOR |
| "F.O.B." | FREIGHT ON BOARD | "UG" | UNDER GROUND |
| "GFI" | GROUND FAULT INTERRUPTER | "W" | WITH |
| "GR" | GROUND | "WP" | WEATHER PROOF |
| "HOA" | HAND-OFF-AUTO | "XFMR" | TRANSFORMER |
| "HP" | HORSE POWER | | |



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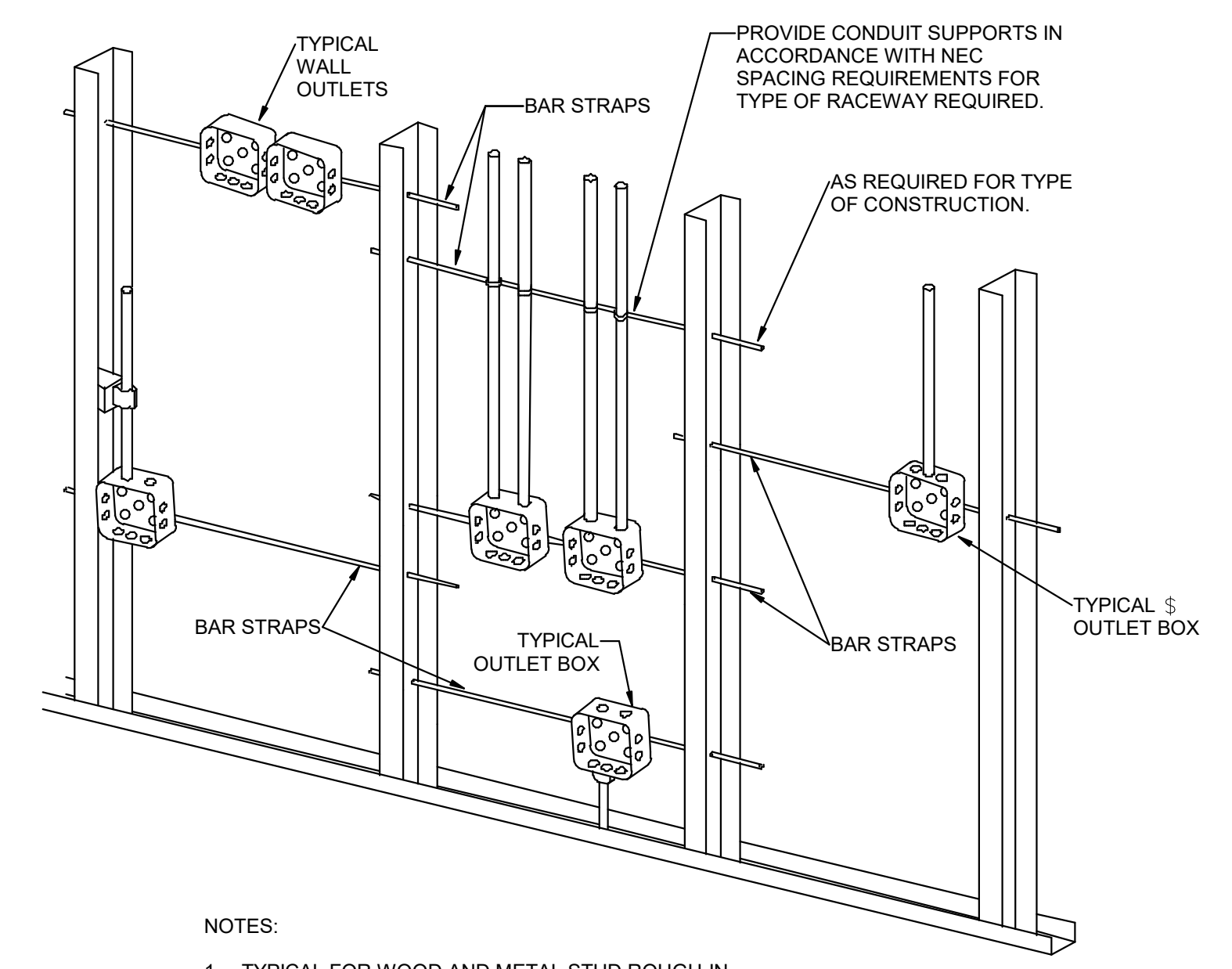
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CLASSIC AIR - VCT 5TH FLOOR REMODEL
 INTERMOUNTAIN HEALTHCARE
 VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
 MURRAY, UTAH
 BID SET

AUDIO VISUAL SCHEDULES AND NOTES
EE004

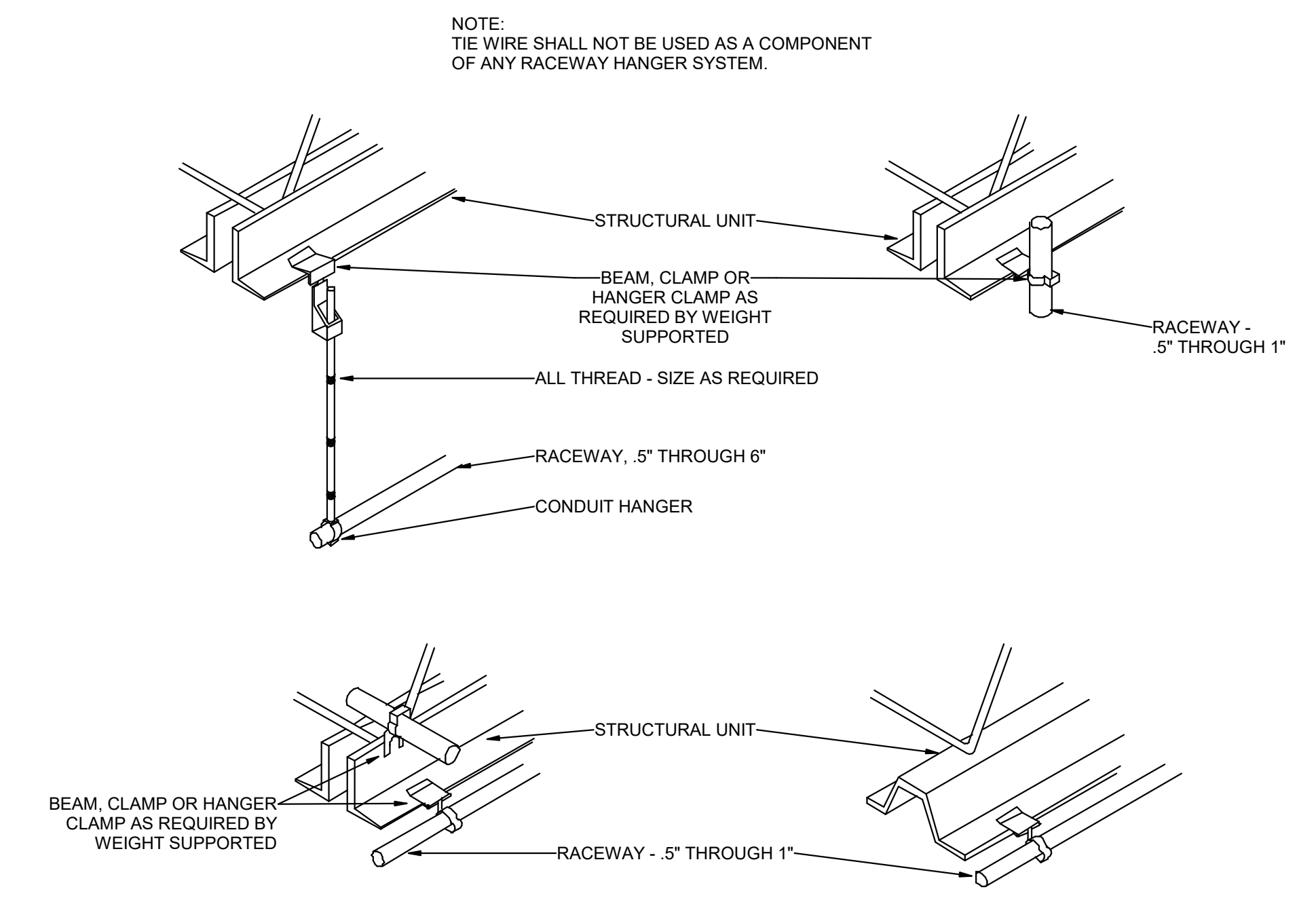
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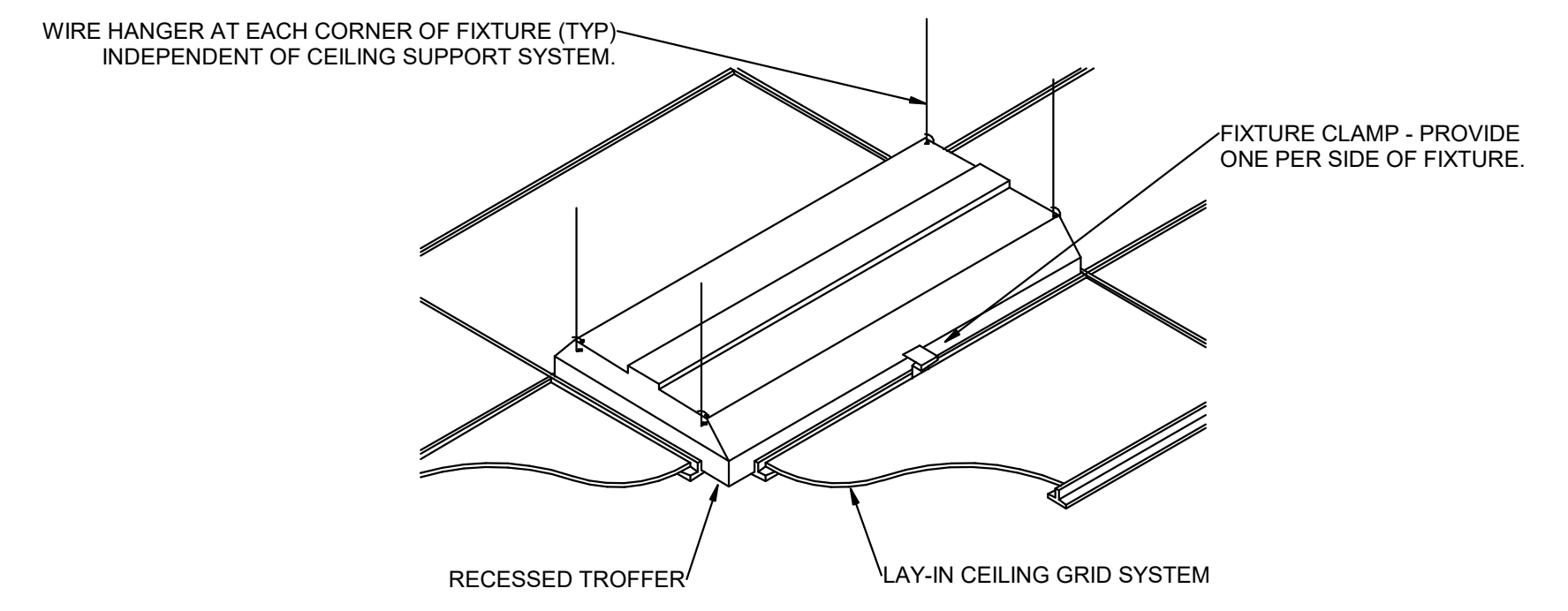


- NOTES:
1. TYPICAL FOR WOOD AND METAL STUD ROUGH-IN.
 2. PLASTER RINGS NOT SHOWN.
 3. LOCATE ALL OUTLET BOXES IN ACCORDANCE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND WITH ALL APPLICABLE SHOP DRAWINGS.
 4. IN ACCORDANCE WITH IBC 714.3.2 EXCEPTION 1, OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS 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.

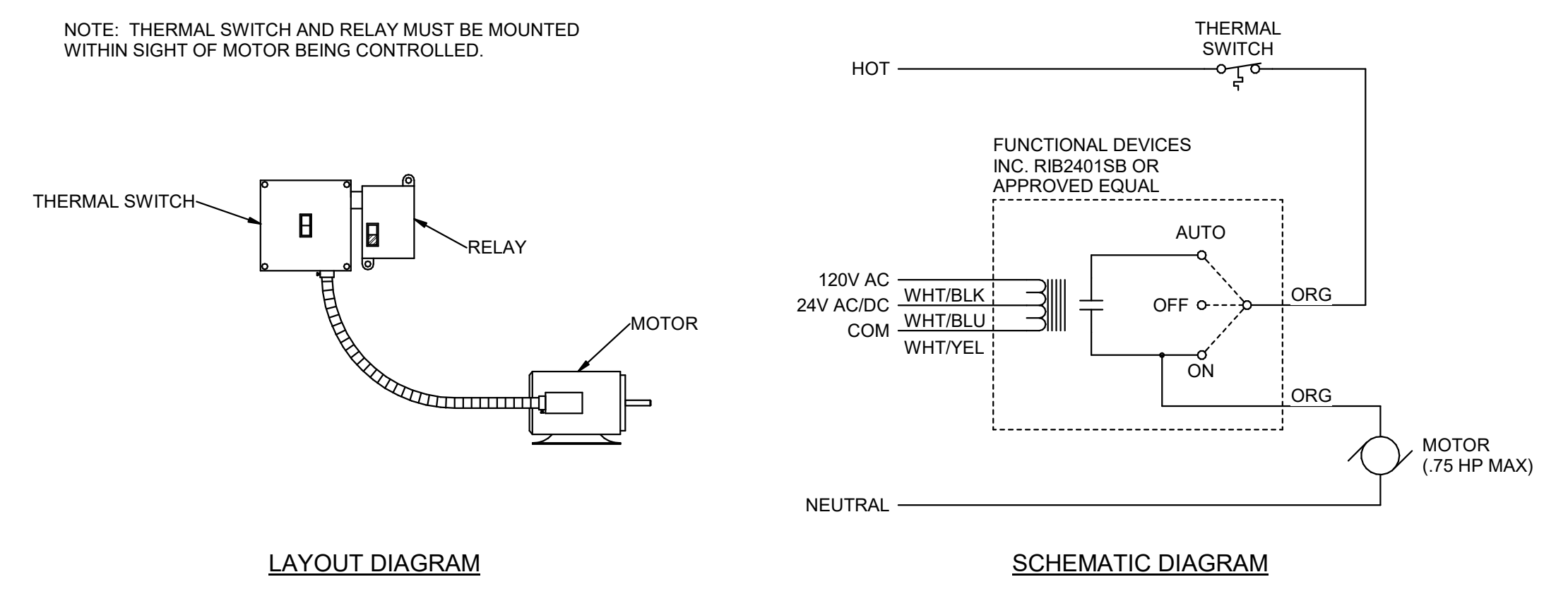
D5 TYPICAL ROUGH-IN REQUIREMENTS DETAIL
SCALE: NTS



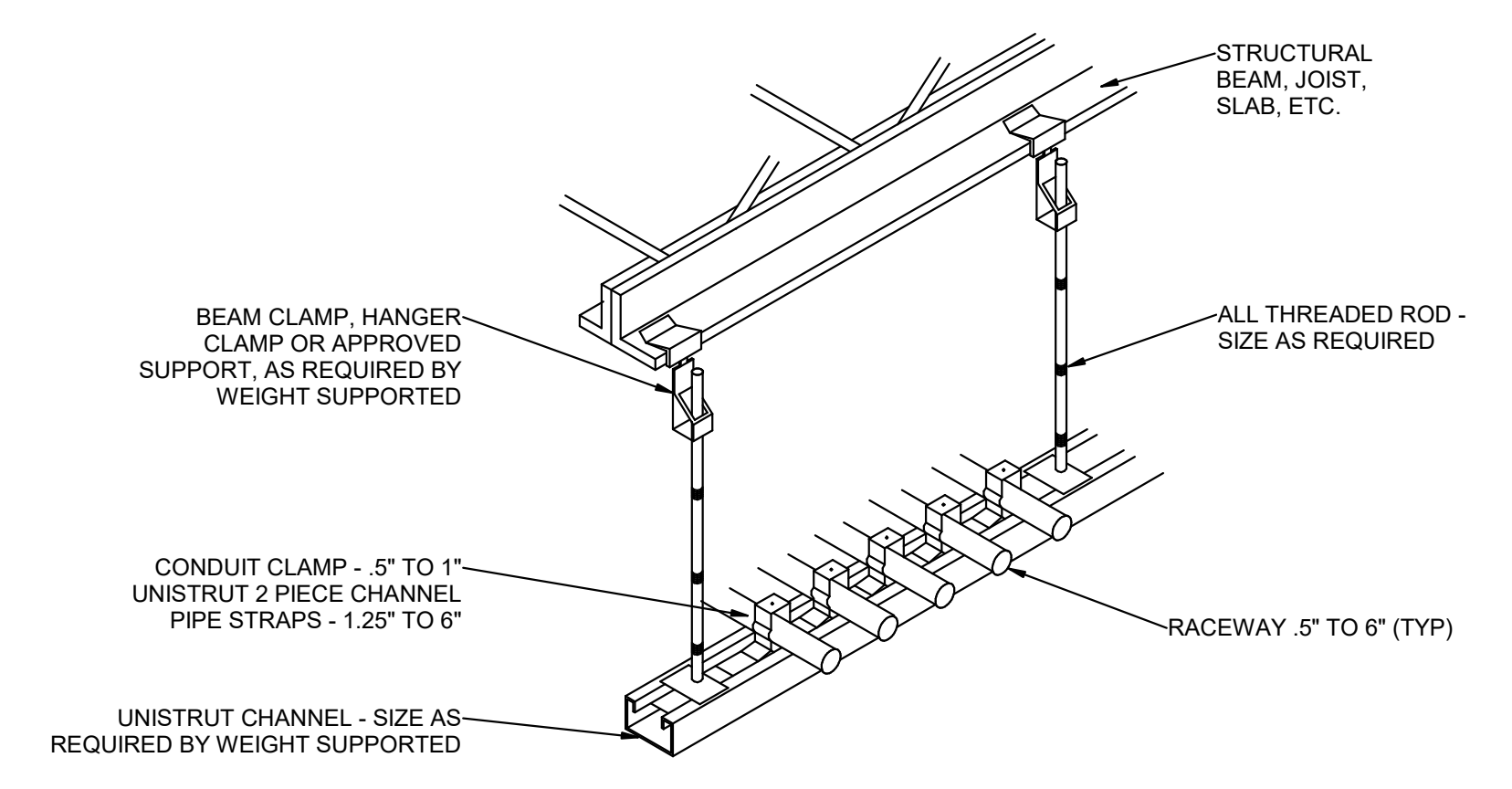
B5 TYPICAL RACEWAY SUPPORT METHODS DETAIL
SCALE: NTS



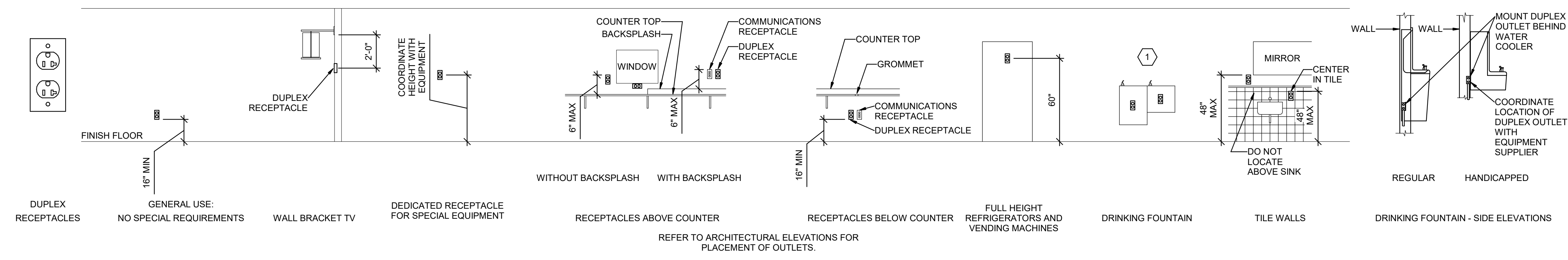
B3 RECESSED FIXTURE MOUNTING DETAIL
SCALE: NTS



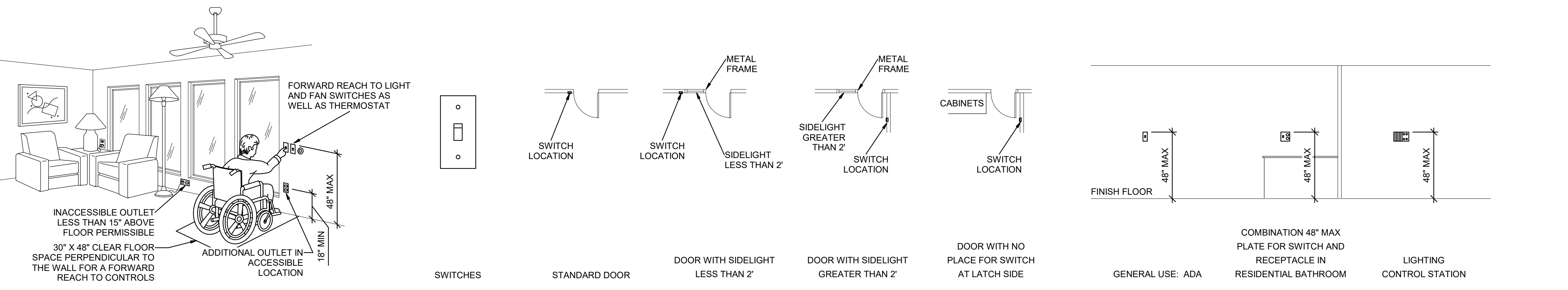
A3 120V FRACTIONAL MOTOR CONTROL
SCALE: NTS



A5 TYPICAL CONDUIT RACK DETAIL
SCALE: NTS

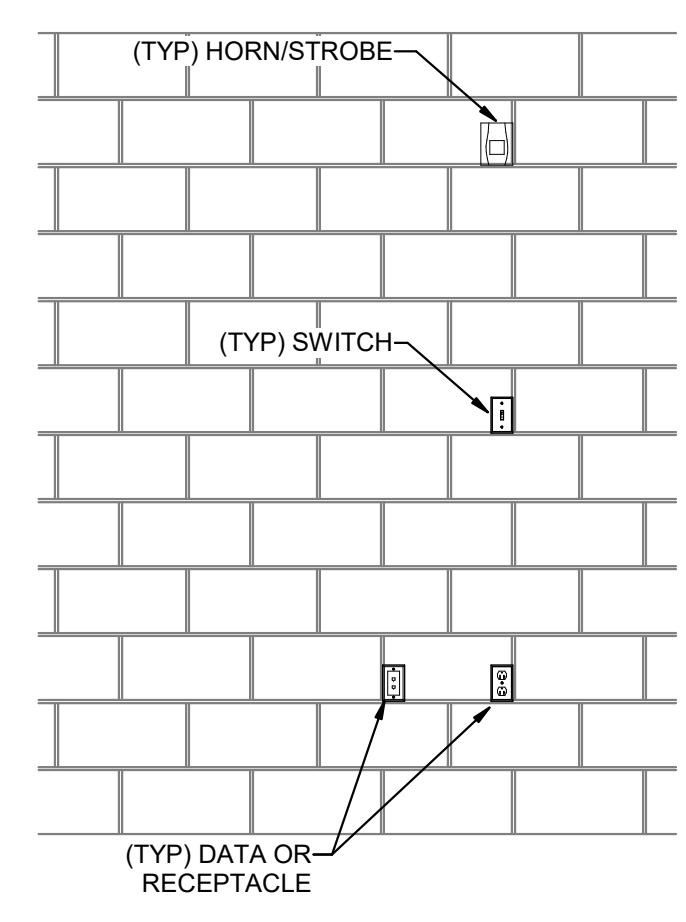


E2 RECEPTACLE MOUNTING DETAILS
SCALE: NTS



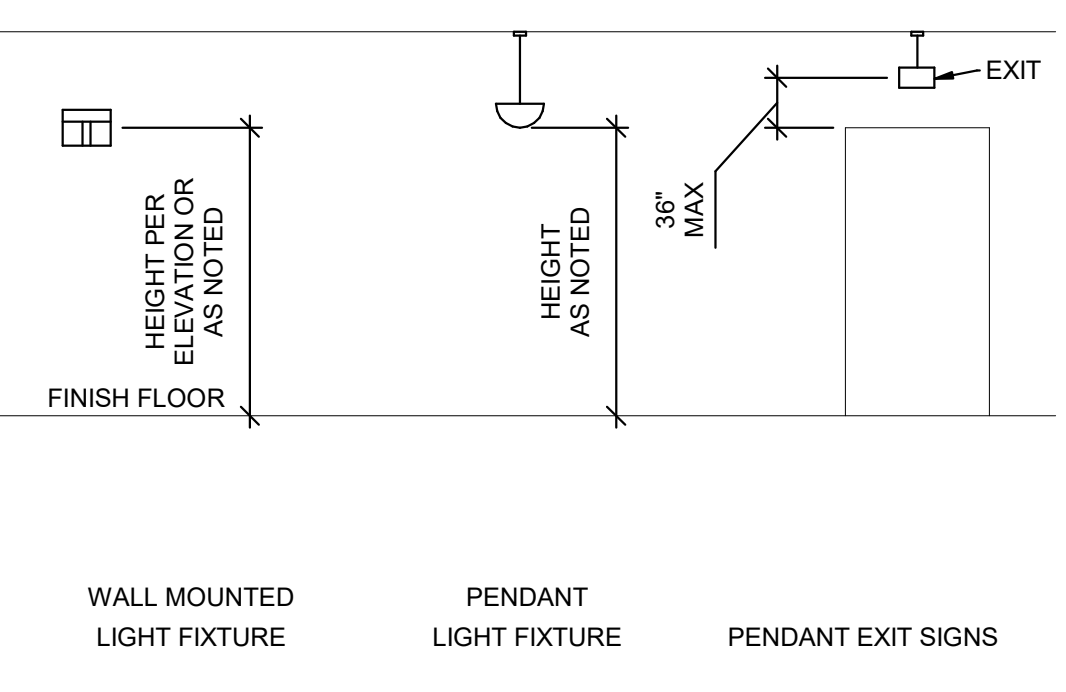
D2 ADA DETAIL
SCALE: NTS

D3 SWITCH MOUNTING DETAILS
SCALE: NTS

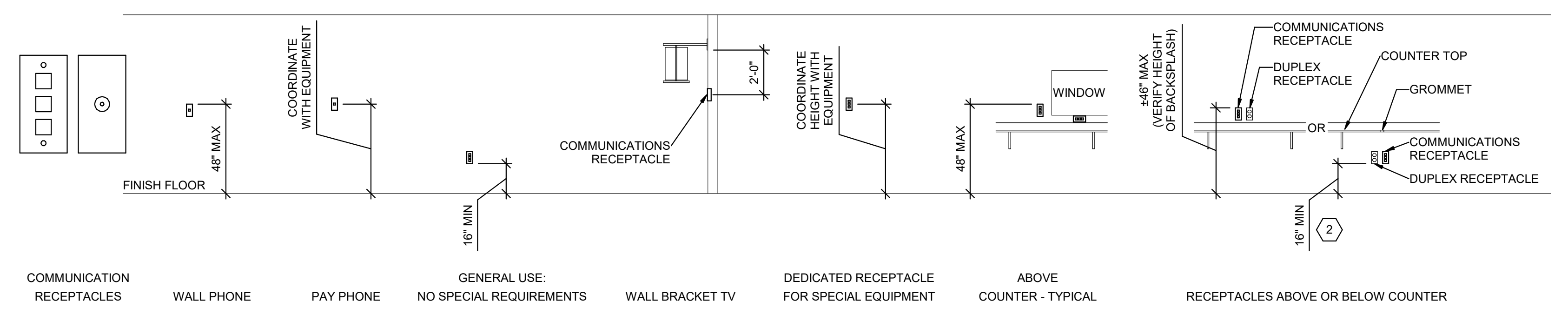


NOTE: ALL DEVICES SHALL BE INSTALLED AND LOCATED IN THE BLOCK CONSISTENTLY THROUGH OUT THE BUILDING.

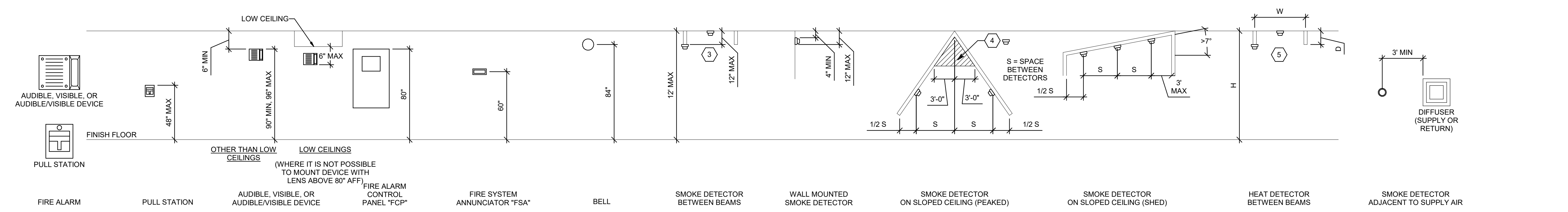
C1 CMU DEVICE MOUNTING ALIGNMENT DETAIL
SCALE: NTS



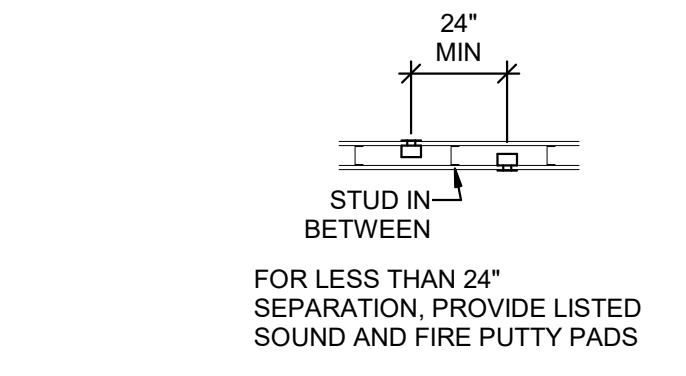
C2 LIGHTING MOUNTING DETAILS
SCALE: NTS



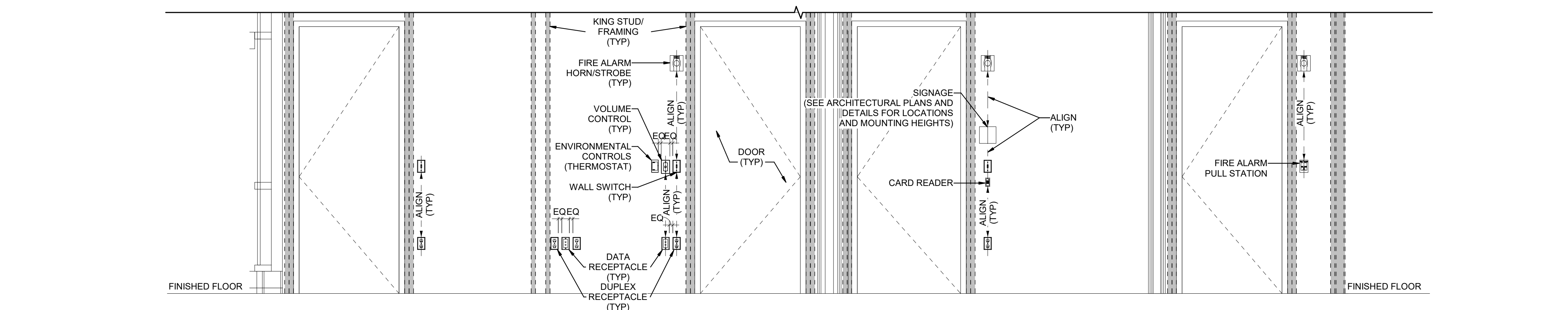
C3 COMMUNICATIONS MOUNTING DETAILS
SCALE: NTS



B1 FIRE ALARM MOUNTING DETAILS
SCALE: NTS



A1 BOX MOUNTING DETAILS
SCALE: NTS



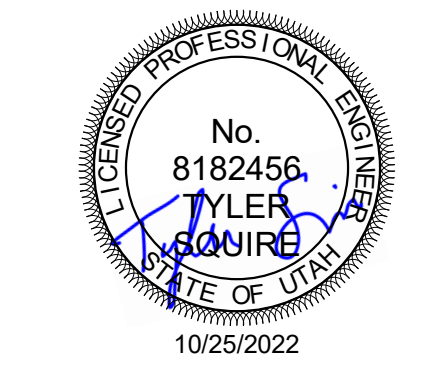
A2 TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL
SCALE: NTS

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 RECEPTACLE 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.

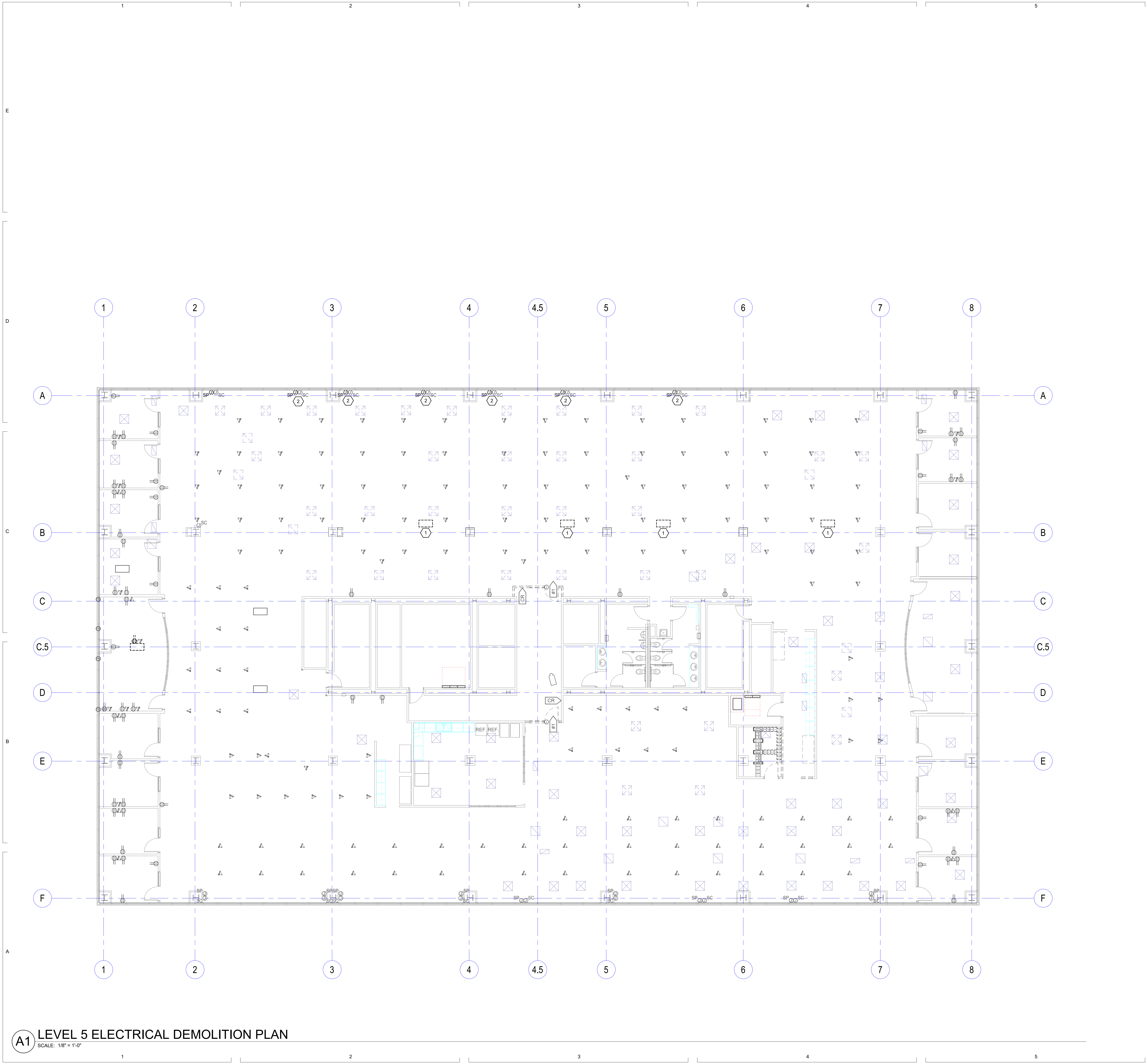


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CLASSIC AIR - VCT 5TH FLOOR REMODEL
INTERMOUNTAIN HEALTHCARE
VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
MURRAY, UTAH
BID SET





GENERAL SHEET NOTES

- 1 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.
- 2 SALVAGE ALL LIGHT FIXTURES, TWIST-LOCK RECEPTACLES AND WALLPLATES, CEILING SPEAKERS AND SECURITY AND FIRE ALARM DEVICES TO OWNER. PROTECT SALVAGED EQUIPMENT FROM DAMAGE.
- 3 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.
- 4 PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE.
- 5 REMOVE ALL DEVICES, RACEWAYS AND WIRING FROM WALLS TO BE REMOVED. WHERE ACTIVE RACEWAYS OCCUR IN WALLS TO BE REMOVED, RE-ROUTE THE RACEWAY WITH ASSOCIATED WIRING TO KEEP THE CIRCUIT OPERATIONAL.
- 6 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.
- 7 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.
- 8 DEVICES MARKED "RR" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION.
- 9 ALL ITEMS INDICATED TO REMAIN SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.

SHEET KEYNOTES

- 1 REMOVE EXISTING POKE-THRU, PATCH AND REPAIR FLOOR.
- 2 REMOVE EXISTING FURNITURE FEEDS, PULL ELECTRICAL CIRCUITS BACK TO PANEL.



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 BID SET

A1 LEVEL 5 ELECTRICAL DEMOLITION PLAN
 SCALE: 1/8" = 1'-0"



GENERAL SHEET NOTES

- 1 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.
- 2 SALVAGE ALL LIGHT FIXTURES, TWIST-LOCK RECEPTACLES AND WALLPLATES, CEILING SPEAKERS AND SECURITY AND FIRE ALARM DEVICES TO OWNER. PROTECT SALVAGED EQUIPMENT FROM DAMAGE.
- 3 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.
- 4 PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE.
- 5 REMOVE ALL DEVICES, RACEWAYS AND WIRING FROM WALLS TO BE REMOVED. WHERE ACTIVE RACEWAYS OCCUR IN WALLS TO BE REMOVED, RE-ROUTE THE RACEWAY WITH ASSOCIATED WIRING TO KEEP THE CIRCUIT OPERATIONAL.
- 6 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.
- 7 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.
- 8 DEVICES MARKED "RR" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION.
- 9 ALL ITEMS INDICATED TO REMAIN SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.

SHEET KEYNOTES

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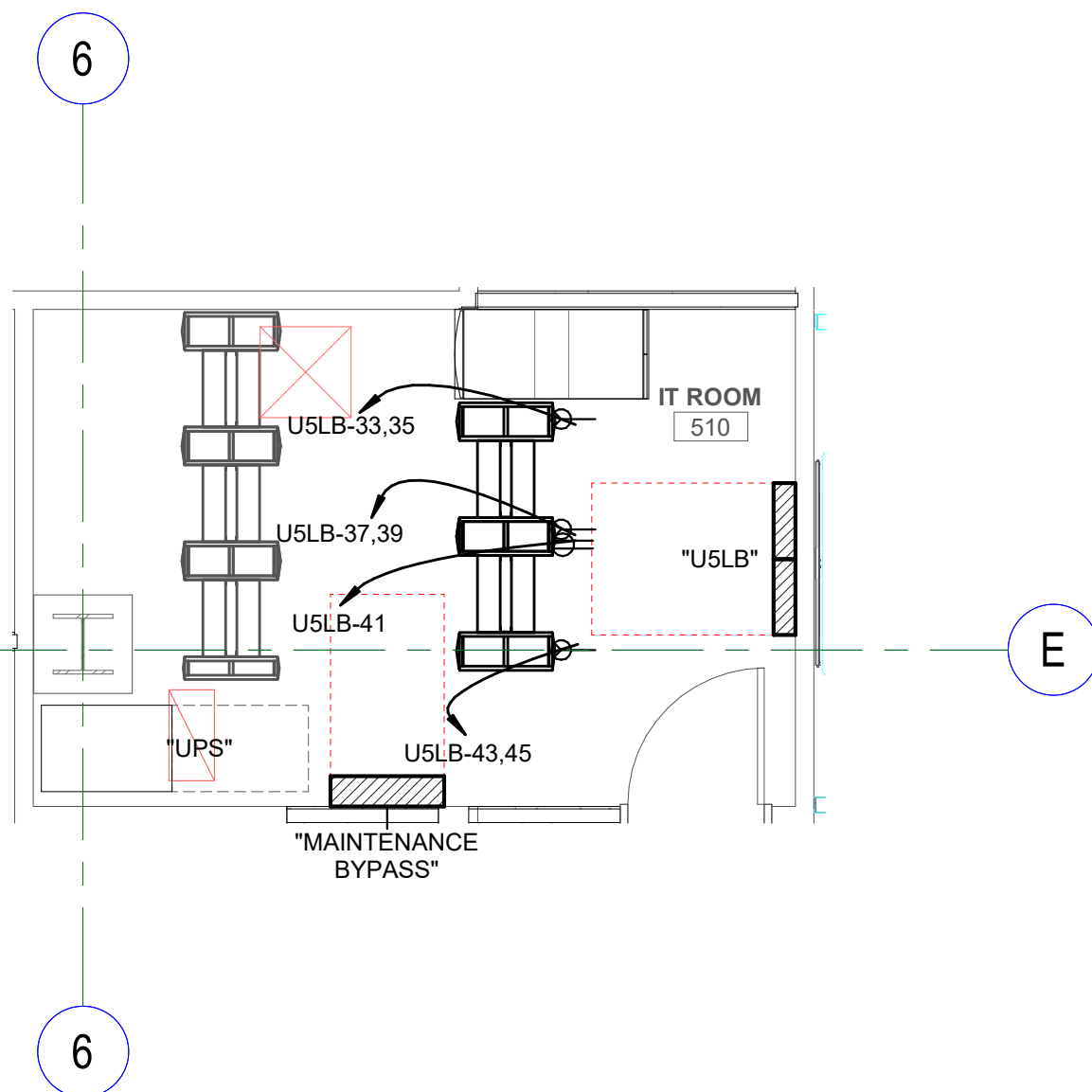
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 VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
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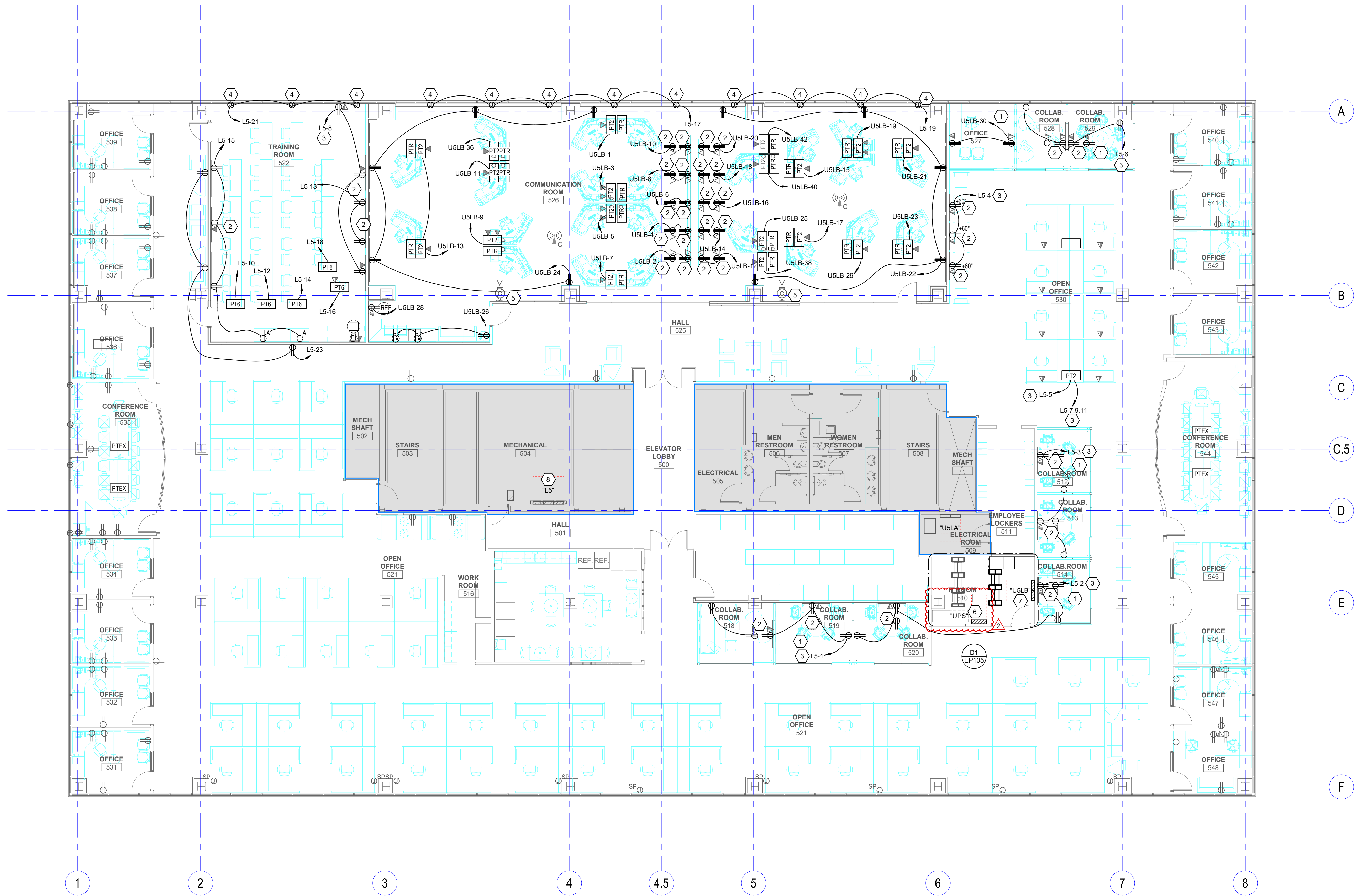
LEVEL 5 CEILING DEMOLITION PLAN
 ED205



A1 LEVEL 5 CEILING DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



D1 ENLARGED IT ROOM POWER PLAN
SCALE: 1/4" = 1'-0"

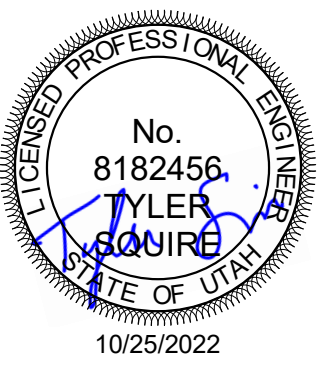


A1 LEVEL 5 POWER PLAN
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

SHEET KEYNOTES

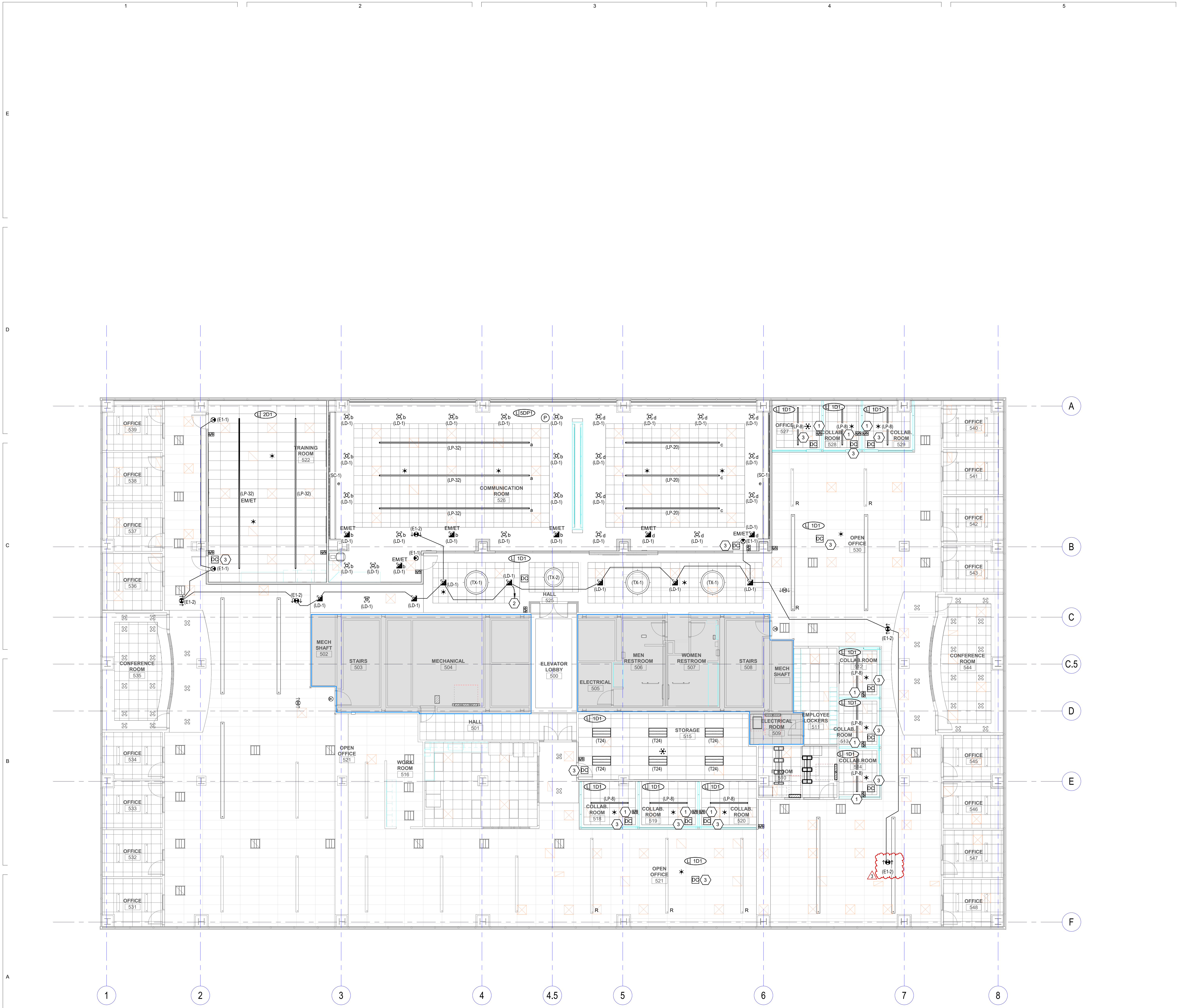
- RECEPTACLES AND ELECTRICAL DEVICES IN OFFICES AND CONFERENCE ROOMS IN THIS AREA WILL BE MOUNTED IN FULL HEIGHT DEMOUNTABLE PARTITIONS. RUN CIRCUITS TO JUNCTION BOXES MOUNTED TO FLOOR DECK ABOVE, AND CONNECT TO PARTITION WHIPS AS REQUIRED. COORDINATE EXACT REQUIREMENTS AND FINAL CONNECTIONS WITH PARTITION INSTALLERS PRIOR TO ROUGH-IN.
- PROVIDE POWER AND DATA FOR AV MONITOR. COORDINATE EXACT LOCATION WITH ARCHITECT AND AV INSTALLER PRIOR TO ROUGH-IN.
- FIELD VERIFY AVAILABLE CIRCUIT BREAKERS AFTER DEMOLITION HAS BEEN COMPLETED. PROVIDE UPDATED TYPED WRITTEN PANEL SCHEDULES AT THE COMPLETION OF THE PROJECT.
- PROVIDE ELECTRICAL CONNECTIONS TO MOTORIZED SHADES. PROVIDE WIRING AND CONTROLS PER THE MANUFACTURER'S WRITTEN INSTRUCTIONS. PROVIDE AND INSTALL CONTROL SWITCH IN LOCATION APPROVED BY THE ARCHITECT. RUN ALL CONTROL WIRING BACK TO NEAREST DATA ROOM. COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH ARCHITECT AND SHADE INSTALLERS PRIOR TO ROUGH-IN.
- PROVIDE POE WALL CLOCK IN LOCATIONS AND QUANTITIES SHOWN ON ARCHITECTURAL ELEVATIONS. PROVIDE MCMASTER-CARR 1091N11 OR SUBMIT EQUIVALENT FOR ARCHITECTURAL APPROVAL PRIOR TO FINAL ADDENDUM.
- OWNER FURNISHED UPS AND MAINTENANCE BYPASS PANEL. EQUIPMENT IS TO BE INSTALLED BY THE CONTRACTOR IN THE LOCATIONS SHOWN. COORDINATE WITH OWNER'S IT TEAM FOR ROUGH-IN AND INSTALLATION REQUIREMENTS. FEED UPS AND MAINTENANCE BYPASS WITH 4 #1, #6 GR IN 1.5" CND FROM PANEL L5. PROVIDE TWO NEW 100A/3P CIRCUIT BREAKERS (ONE EACH FOR UPS AND MAINTENANCE BYPASS).
- NEW 120/208V, 42 CIRCUIT, 100A PANELBOARD WITH 100A MAIN BREAKER. FEED PANEL WITH 4 #1, #6 GR IN 1.5" CND FROM UPS VIA MAINTENANCE BYPASS.
- EXISTING PANEL TO REMAIN.



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| 1 | 11/07/2022 | ADD 101 |
| 2 | 12/06/2022 | CITY COMMENTS |

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| CLIENT NUMBER: | 00000 |
| DATE: | 2022.10.25 |

CLASSIC AIR - VCT 5TH FLOOR REMODEL
INTERMOUNTAIN HEALTHCARE
VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
MURRAY, UTAH
BID SET

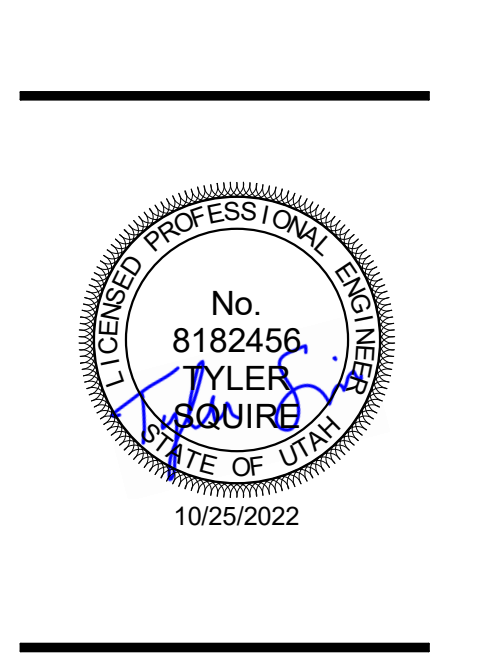


GENERAL SHEET NOTES

1 DEVICES MARKED 'R' ARE RELOCATED EXISTING DEVICES AS INDICATED. REFER TO DEMOLITION PLANS FOR MORE INFORMATION. EXTEND CIRCUITING AS REQUIRED.

SHEET KEYNOTES

- 1 LIGHT SWITCH TO BE MOUNTED IN FULL HEIGHT DEMOUNTABLE PARTITION. COORDINATE TERMINATION AND CONNECTIONS TO ROOM CONTROLLERS WITH PARTITION INSTALLERS PRIOR TO ROUGH-IN.
- 2 CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT PREVIOUSLY FEEDING LIGHTING IN THIS AREA.
- 3 CONNECT TO EXISTING LIGHTING CIRCUIT PREVIOUSLY FEEDING LIGHTING IN THIS AREA.



| REV | DATE | DESCRIPTION |
|-----|------------|---------------|
| 1 | 11/07/2022 | ADD R01 |
| 2 | 12/06/2022 | CITY COMMENTS |
| 3 | 12/22/2022 | CITY COMMENTS |

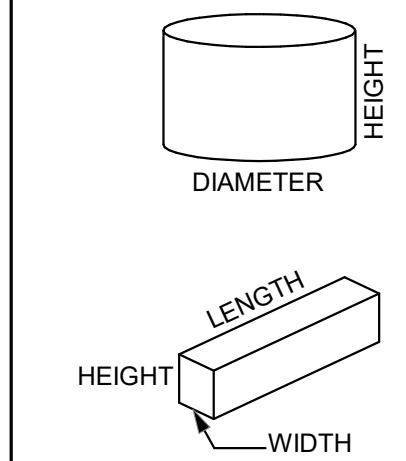
VCBO NUMBER: 22015
 CLIENT NUMBER: 00000
 DATE: 2022.10.25

CLASSIC AIR - VCT 5TH FLOOR REMODEL
 INTERMOUNTAIN HEALTHCARE
 VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
 MURRAY, UTAH
 BID SET

A1 LEVEL 5 LIGHTING PLAN
 SCALE: 1/8" = 1'-0"

INTERIOR LIGHTING FIXTURE SCHEDULE

GENERAL NOTES



- 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.
- ALL LIGHT FIXTURES TO BE EITHER "DLC" OR "LIGHTING FACTS" LISTED OR TO BE APPROVED BY ARCHITECT/ENGINEER AND OWNER.
- 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.

| ID | DESCRIPTION | SIZE (NOMINAL) | LUMINAIRE | | | DRIVER | | MANUFACTURER (CATALOG SERIES) | |
|---------|---|--|-----------|------------|-----|---------------------|----------|-------------------------------|---|
| | | | LUMENS | COLOR TEMP | CRI | TYPE | VOLTAGE | | WATTS |
| (E1-1) | DESCRIPTION: EXIT SIGN, EDGE LIT, SINGLE SIDED MOUNTING: CEILING, WALL FINISH: SCBA OPTICS: EM: BATTERY | LENGTH: 11" WIDTH: 3" HEIGHT: 10" | | GREEN | | LED | 120/277V | 5 | ISOLITE (UEL) EVENLITE (SOV) EMERGENSEE (SEEEXLRN) |
| (E1-2) | DESCRIPTION: EXIT SIGN, EDGE LIT, DOUBLE SIDED MOUNTING: CEILING, WALL FINISH: SCBA OPTICS: EM: BATTERY | LENGTH: 11" WIDTH: 3" HEIGHT: 10" | | GREEN | | LED | 120/277V | 5 | ISOLITE (UEL) EVENLITE (SOV) EMERGENSEE (SEEEXLRN) |
| (LD-1) | DESCRIPTION: LED RECESSED DOWNLIGHT MOUNTING: RECESSED FINISH: SCBA OPTICS: EM: | LENGTH: - WIDTH: - DEPTH: 7-13/16" DIAMETER: 6" | 1,500 | 3500K | | LED DRIVER | 0VOLT | 26 | LITHONIA LDN6-36/15-L06-AR-277 APPROVED EQUAL APPROVED EQUAL |
| (LP-8) | DESCRIPTION: LINEAR PENDANT, INDIRECT / DIRECT MOUNTING: PENDANT FINISH: SCBA OPTICS: UP INDIRECT / DIRECT, FLUSH LENS, LOW GLOSS WHITE REFLECTOR OPTICS: EM: | LENGTH: 8" WIDTH: 2.60" HEIGHT: 4.18" | 3,200 | 3500K | 80 | LED (0-10V DIMMING) | 120/277V | 32 | BETA CALCO (BLFP2P-SFA8-SL04-LPF020-LPG020-CR80-CTA35-CTB35-5-DD3-UD1-UB00-V1-DA01-G1-HLA03-SCBA-CS1) |
| (LP-20) | DESCRIPTION: LINEAR PENDANT, INDIRECT / DIRECT MOUNTING: PENDANT FINISH: SCBA OPTICS: UP INDIRECT / DIRECT, FLUSH LENS, LOW GLOSS WHITE REFLECTOR OPTICS: EM: | LENGTH: 20" WIDTH: 2.60" HEIGHT: 4.18" | 8,000 | 3500K | 80 | LED (0-10V DIMMING) | 120/277V | 80 | BETA CALCO (BLFP2P-SFA20-SL04-LPF020-LPG020-CR80-CTA35-CTB35-5-DD3-UD1-UB00-V1-DA01-G1-HLA03-SCBA-CS1) |
| (LP-32) | DESCRIPTION: LINEAR PENDANT, INDIRECT / DIRECT MOUNTING: PENDANT FINISH: SCBA OPTICS: UP INDIRECT / DIRECT, FLUSH LENS, LOW GLOSS WHITE REFLECTOR OPTICS: EM: | LENGTH: 32" WIDTH: 2.60" HEIGHT: 4.18" | 12,800 | 3500K | 80 | LED (0-10V DIMMING) | 120/277V | 128 | BETA CALCO (BLFP2P-SFA32-SL04-LPF020-LPG020-CR80-CTA35-CTB35-5-DD3-UD1-UB00-V1-DA01-G1-HLA03-SCBA-CS1) |
| (SC-1) | DESCRIPTION: COVE LIGHT, 500 LUMENS/FT MOUNTING: SURFACE FINISH: SCBA OPTICS: EM: | LENGTH: PER PLANS WIDTH: 3 7/16" DEPTH: 6 5/8" | 500 | 3500K | 80 | LED (0-10V DIMMING) | 120/277V | 10 | PINNACLE (EV3WG-XX-XX-U-FSD-1-0-SCBA) |
| (TX-1) | DESCRIPTION: DECORATIVE RING PENDANT MOUNTING: PENDANT FINISH: SCBA OPTICS: EM: | HEIGHT: 4" DIAMETER: 60" | 11,000 | 3500K | 80 | LED (0-10V DIMMING) | 120/277V | 120 | BETA CALCO (RGT1P05-LMA1100-LPG000-CR80-CTA35-CTB000-UD0-V1-DA01-DB00-SS1-SCBA-CS1) |
| (TX-2) | DESCRIPTION: DECORATIVE RING PENDANT MOUNTING: PENDANT FINISH: SCBA OPTICS: EM: | HEIGHT: 4" DIAMETER: 48" | 8,800 | 3500K | 80 | LED (0-10V DIMMING) | 120/277V | 96 | BETA CALCO (RGT1P04-LMA0880-LPG000-CR80-CTA35-CTB000-UD0-V1-DA01-DB00-SS1-SCBA-CS1) |



| REV | DATE | DESCRIPTION |
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VCBO NUMBER: 22015
CLIENT NUMBER: 00000
DATE: 2022.10.25

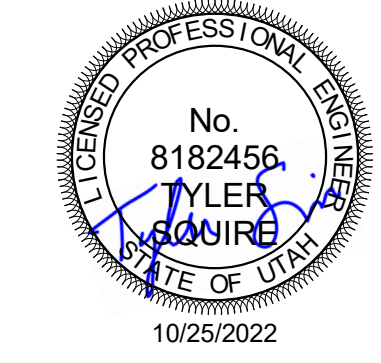
CLASSIC AIR - VCT 5TH FLOOR REMODEL
INTERMOUNTAIN HEALTHCARE
VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
MURRAY, UTAH
BID SET

INTERIOR LIGHTING
FIXTURE SCHEDULE

EL 601

LIGHTING/SPACE CONTROL TYPE SCHEDULE

| WIRING LEGEND | APPROVED MANUFACTURERS | LIGHTING CONTROL ID | GENERAL NOTES | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--|-----------------------|------------------------------|--------------------------|---------------------------|----------------------|--------------------|---|--|--|--|--|--|---|---|---|---|--|--|--|---|
| _____ LINE VOLTAGE WIRING - - - - - 0-10V WIRING ----- CATSE CABLING _____ WIRING BY OTHERS ○---○ TWP SEGMENT ○---○ NETWORK CABLING | 1. WATTSTOPPER (BASIS OF DESIGN) 2. NLIGHT 3. HUBBELL BUILDING AUTOMATION 4. GREENGATE | 1. # = NUMBER OF ZONES 2. D = DIMMING, S = SWITCHING 3. P = DAYLIGHT PHOTOCCELL 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" | - | - | - | - | - | - | - | - | - | | | | |
| 2D1 | | MANUAL & OCCUPANCY | MANUAL OR OCCUPANCY | DIMMING 0-10V | - | 15 | RELAY CLOSED ON OCCUPANCY | - | - | TOGGLE: PRESS TOP-ON, PRESS BOTTOM-OFF, HOLD TOP-RAISE, HOLD BOTTOM-"OFF/LOWER" | FUNCTION: PRESS-PRESET SCENE #01 ZONE "a" 75% LABEL ID: "PRE #1" | FUNCTION: PRESS-PRESET SCENE #02 ZONE "b" 50% 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" | - | - | - | - | - | - | | | |
| 5DP1 | | MANUAL & OCCUPANCY | MANUAL OR OCCUPANCY | DIMMING 0-10V | 30 | 15 | RELAY CLOSED ON OCCUPANCY | - | - | FUNCTION: TOP-ON, HOLD TOP-RAISE, PRESS BOTTOM-OFF, HOLD BOTTOM-LOWER LABEL ID: TOP, "ONRAISE" BOTTOM-"OFF/LOWER" | FUNCTION: PRESS-SELECT ZONE "a" FOR DIMMING LABEL ID: "ZONE a" | FUNCTION: PRESS-SELECT ZONE "b" FOR DIMMING LABEL ID: "ZONE b" | FUNCTION: PRESS-SELECT ZONE "c" FOR DIMMING LABEL ID: "ZONE c" | FUNCTION: PRESS-SELECT ZONE "d" FOR DIMMING LABEL ID: "ZONE d" | FUNCTION: PRESS-SELECT ZONE "e" FOR DIMMING LABEL ID: "ZONE e" | FUNCTION: PRESS-PRESET SCENE #01 ZONE "a" 100% LABEL ID: "PRE #1" | FUNCTION: PRESS-PRESET SCENE #02 ZONE "b" 100% LABEL ID: "PRE #2" | FUNCTION: PRESS-PRESET SCENE #03 ZONE "a" 0% LABEL ID: "PRE #3" | FUNCTION: PRESS-PRESET SCENE #04 ZONE "b" 0% LABEL ID: "PRE #4" | FUNCTION: PRESS-PRESET SCENE #05 ZONE "c" 50% LABEL ID: "PRE #5" | FUNCTION: PRESS-PRESET SCENE #06 ZONE "d" 50% LABEL ID: "PRE #6" | FUNCTION: PRESS-PRESET SCENE #07 ZONE "e" 50% LABEL ID: "PRE #7" | MODE 1-ROOM OPERATE INDIVIDUALLY MODE 2-ROOMS OPERATE COMBINED, AV INTEGRATION REQUIRED, PARTITION SENSING REQUIRED |



| REV | DATE | DESCRIPTION |
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VCBO NUMBER: 22015
 CLIENT NUMBER: 00000
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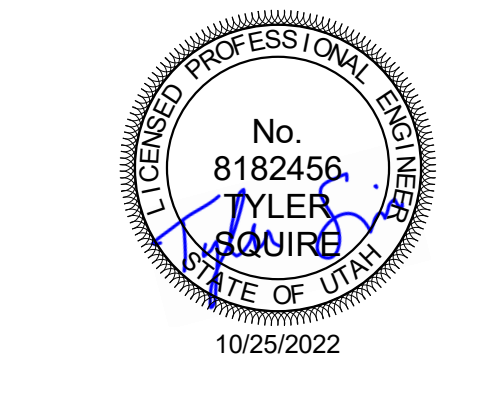
CLASSIC AIR - VCT 5TH FLOOR REMODEL
 INTERMOUNTAIN HEALTHCARE
 VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
 MURRAY, UTAH
 BID SET

GENERAL SHEET NOTES

1 CONTRACTOR IS TO FOLLOW ALL EXISTING CABLE TRAY PATHWAYS. IF NO EXISTING PATHWAY IS AVAILABLE CONTRACTOR IS TO INSTALL J-HOOKS MOUNTED DIRECTLY TO THE STRUCTURE.

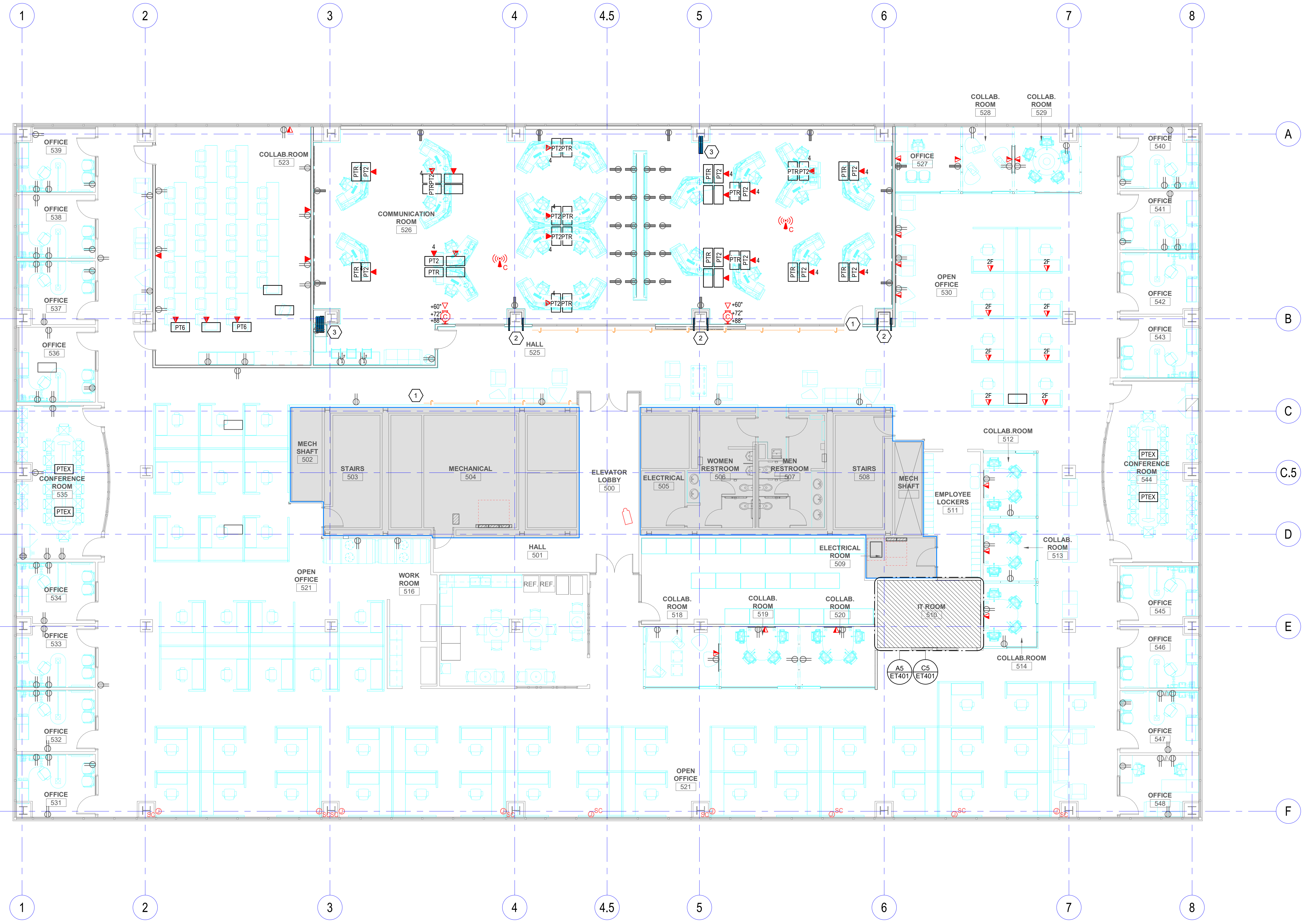
SHEET KEYNOTES

1 CONTRACTOR TO PROVIDE J-HOOK PATHWAY FOR RADIO COAX CABLES. J-HOOKS ARE FOR RADIO COAX CABLES ONLY AND SHALL REMAIN FREE OF ALL OTHER CABLE TYPES.
 2 2" CONDUIT ARE FOR RADIO COAX CABLES ONLY AND ARE TO REMAIN FREE OF ALL OTHER CABLE TYPES.
 3 3" CONDUIT ARE FOR DATA CABLES ONLY AND ARE TO REMAIN FREE OF ALL OTHER CABLE TYPES.



| REV | DATE | DESCRIPTION |
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 CLIENT NUMBER: 00000
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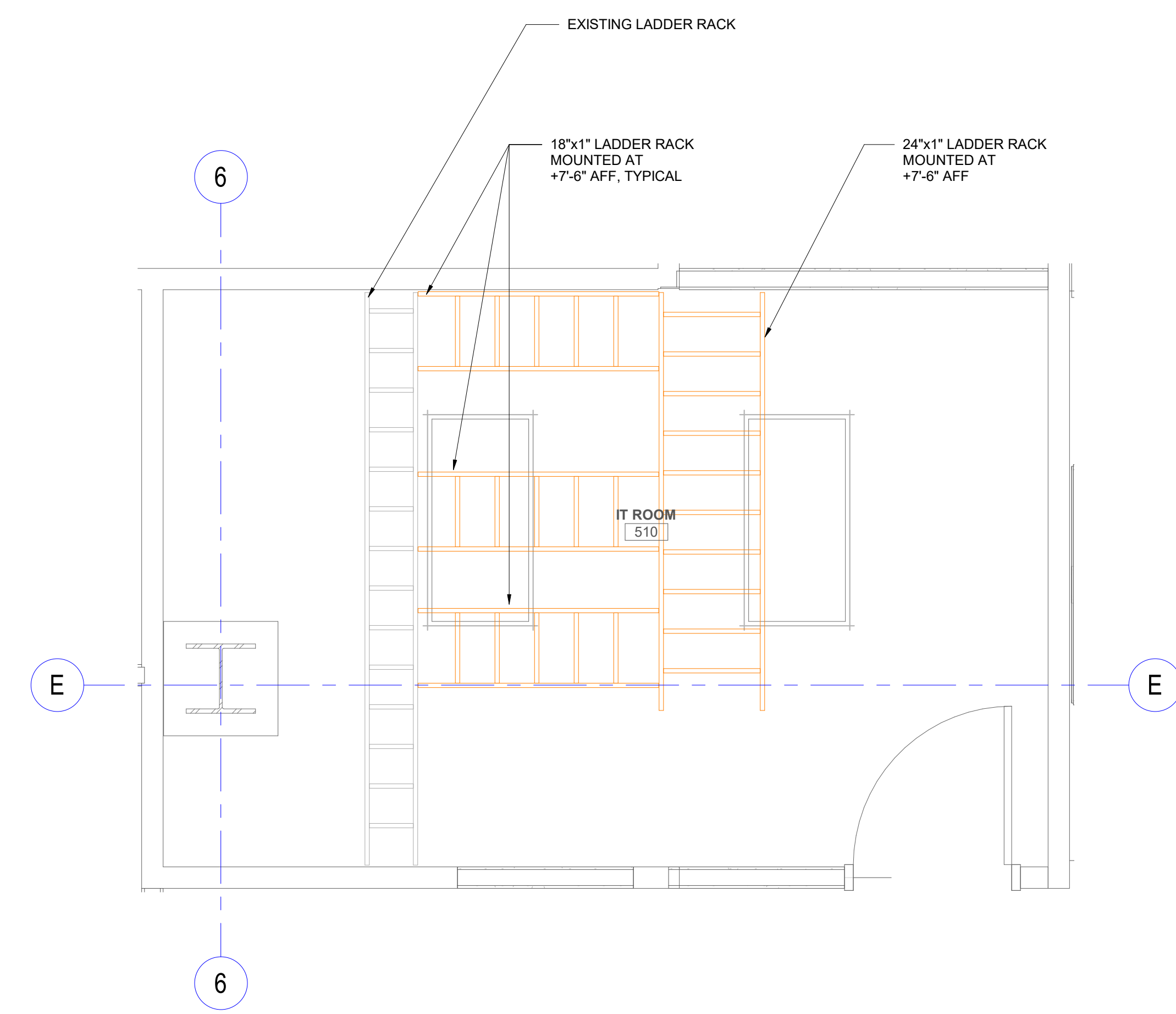


A1 LEVEL 5 TELECOM PLAN
 SCALE: 1/8" = 1'-0"

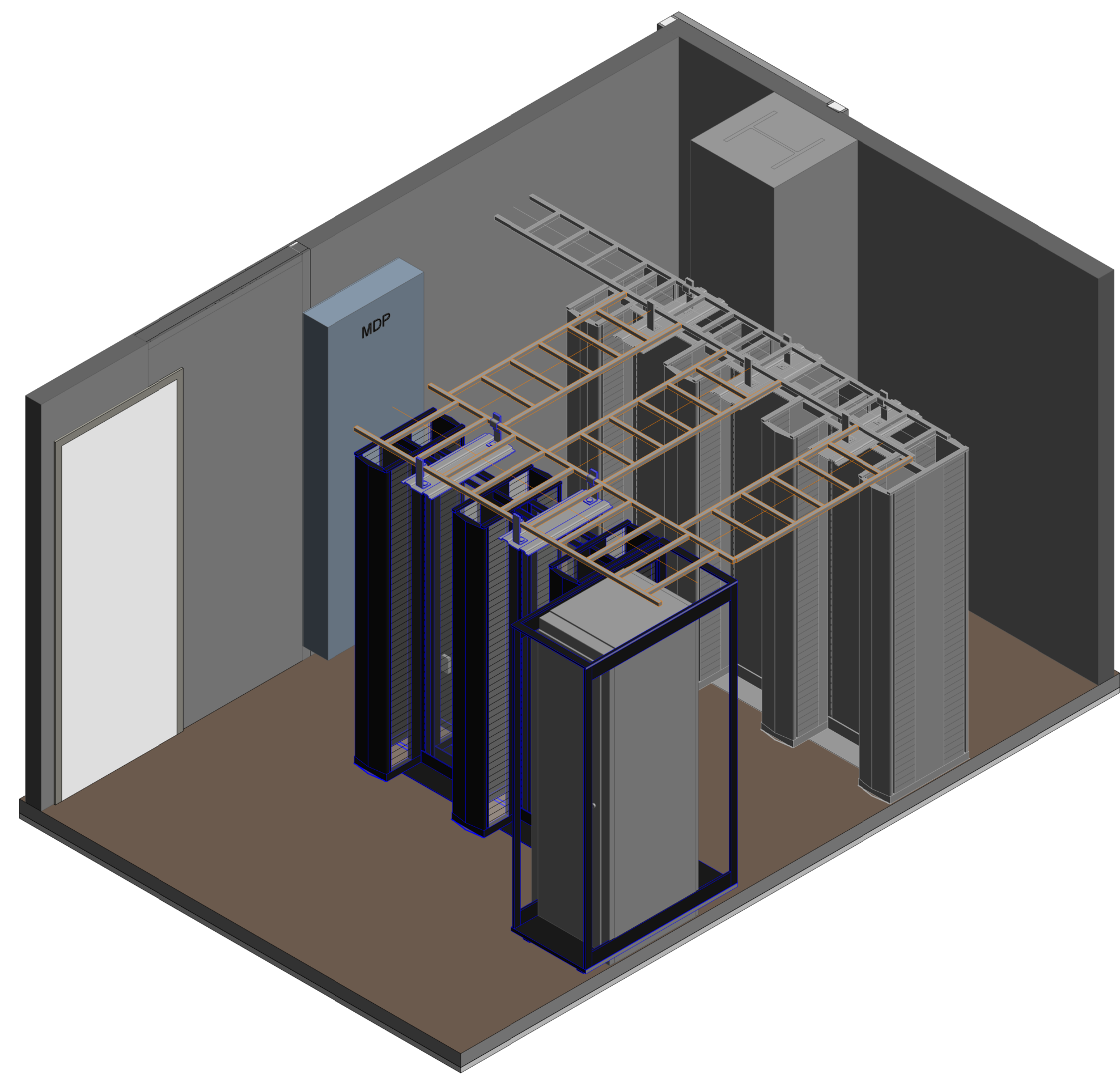
CLASSIC AIR - VCT 5TH FLOOR REMODEL
 INTERMOUNTAIN HEALTHCARE
 VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
 MURRAY, UTAH
 BID SET

| REV | DATE | DESCRIPTION |
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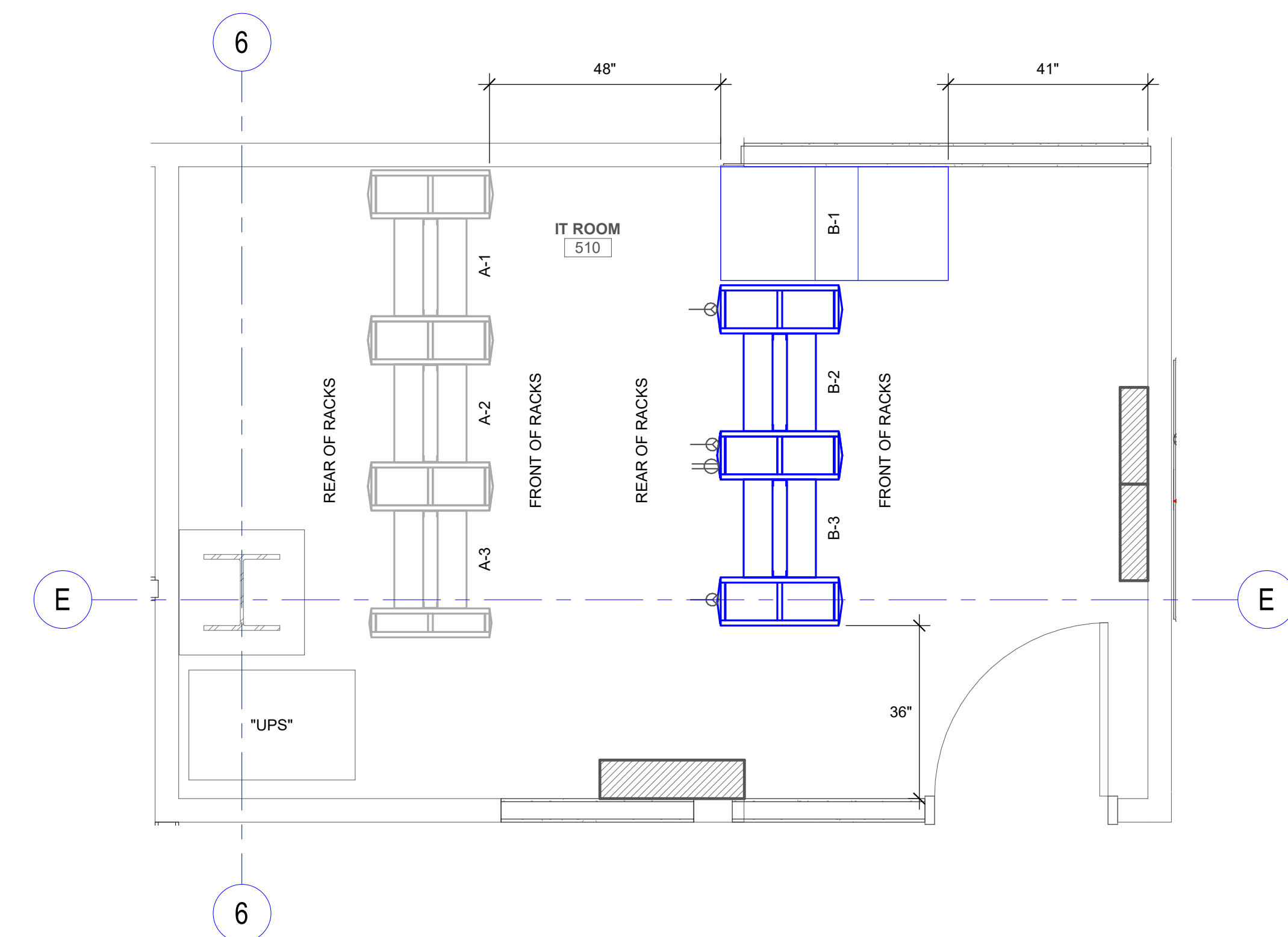
VCBO NUMBER: 22015
CLIENT NUMBER: 00000
DATE: 2022.10.25



C5 ENLARGED LEVEL 5 IT ROOM 510 LADDER RACK PLAN
SCALE: 1/2" = 1'-0"



A3 ENLARGED LEVEL 5 IT ROOM 510 ISOMETRIC PLAN
SCALE:



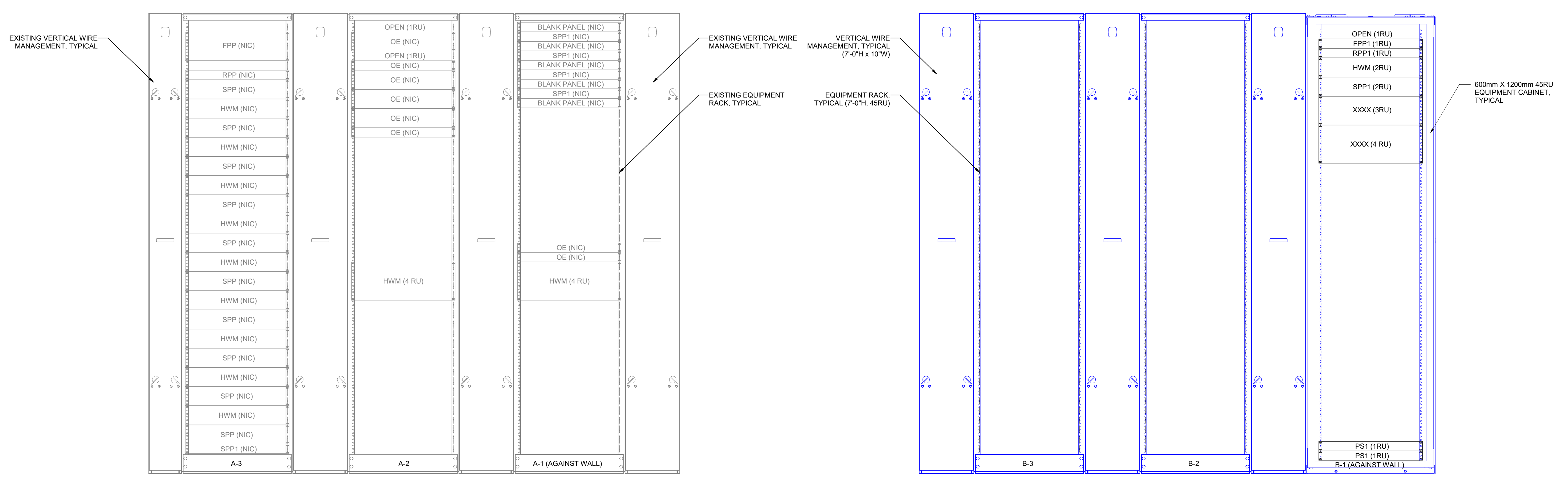
A5 ENLARGED LEVEL 5 IT ROOM 510 EQUIPMENT RACK PLAN
SCALE: 1/2" = 1'-0"

| REV | DATE | DESCRIPTION |
|-----|------|-------------|
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CLASSIC AIR - VCT 5TH FLOOR REMODEL
INTERMOUNTAIN HEALTHCARE
VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
MURRAY, UTAH
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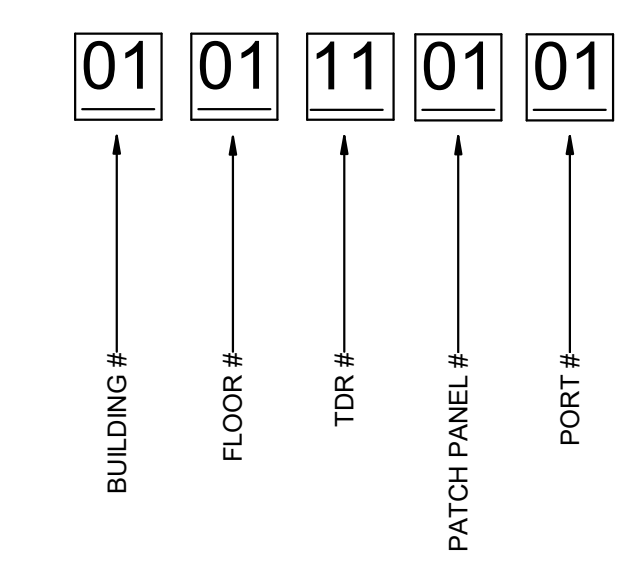
TELECOM EQUIPMENT
RACK ELEVATIONS



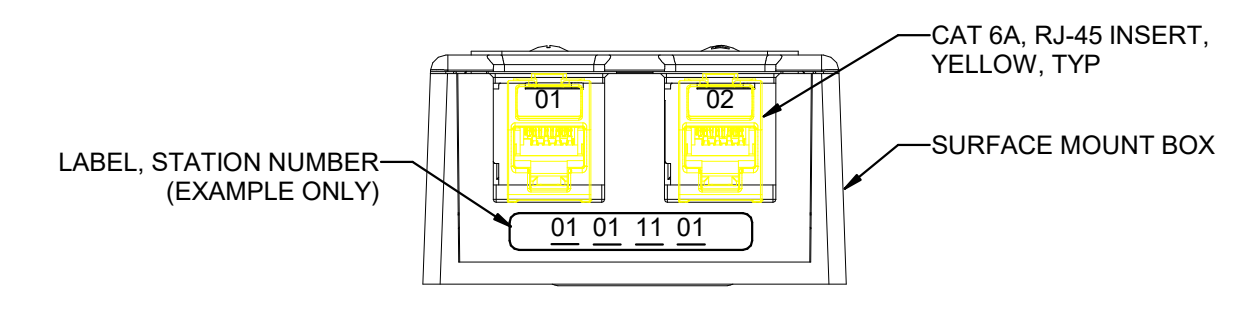
2 TYPICAL EQUIPMENT RACK ELEVATION DETAIL, LEVEL XX, DATA XXXX
SCALE: 1/8" = 1'-0"

1 2 3 4 5 6

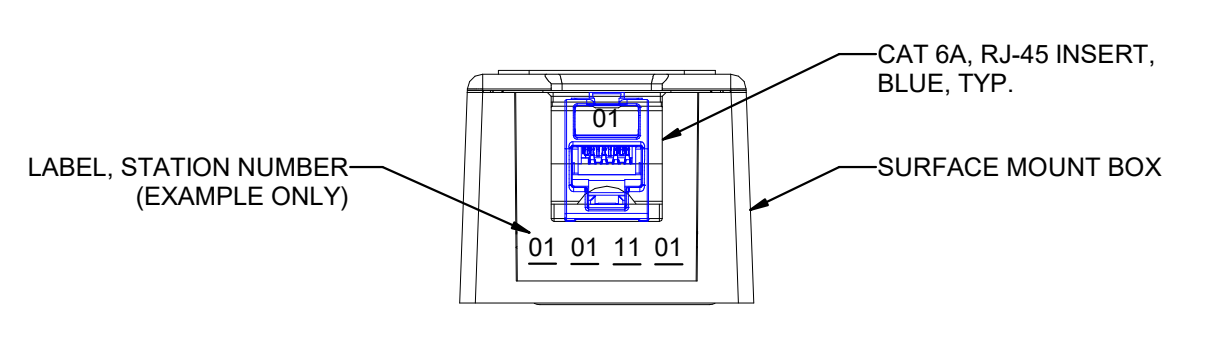
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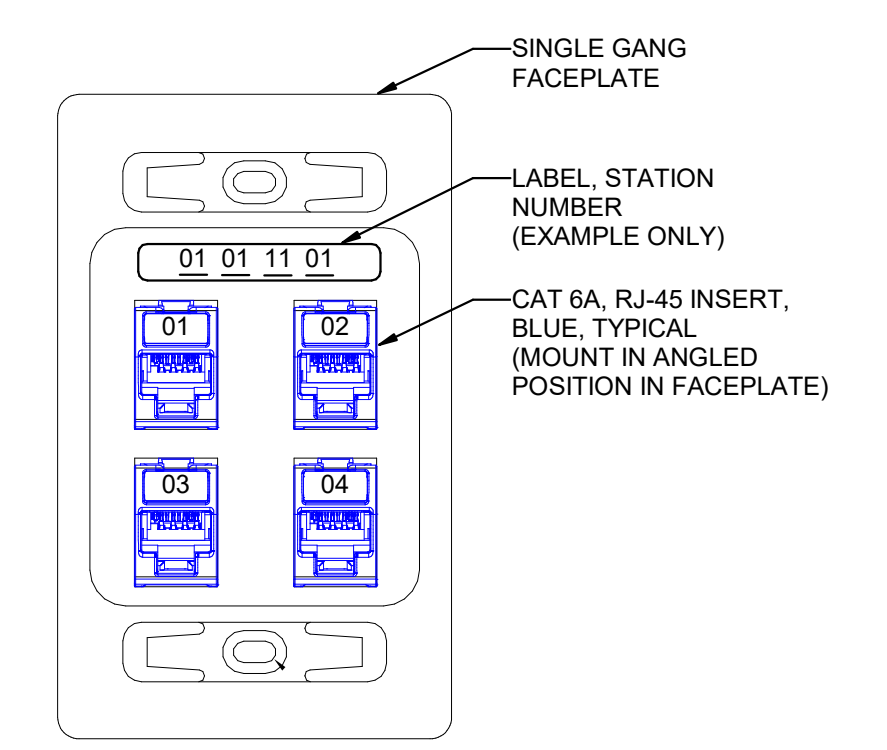
E5 TYPICAL CABLE ID EXAMPLE DETAIL
SCALE: NTS



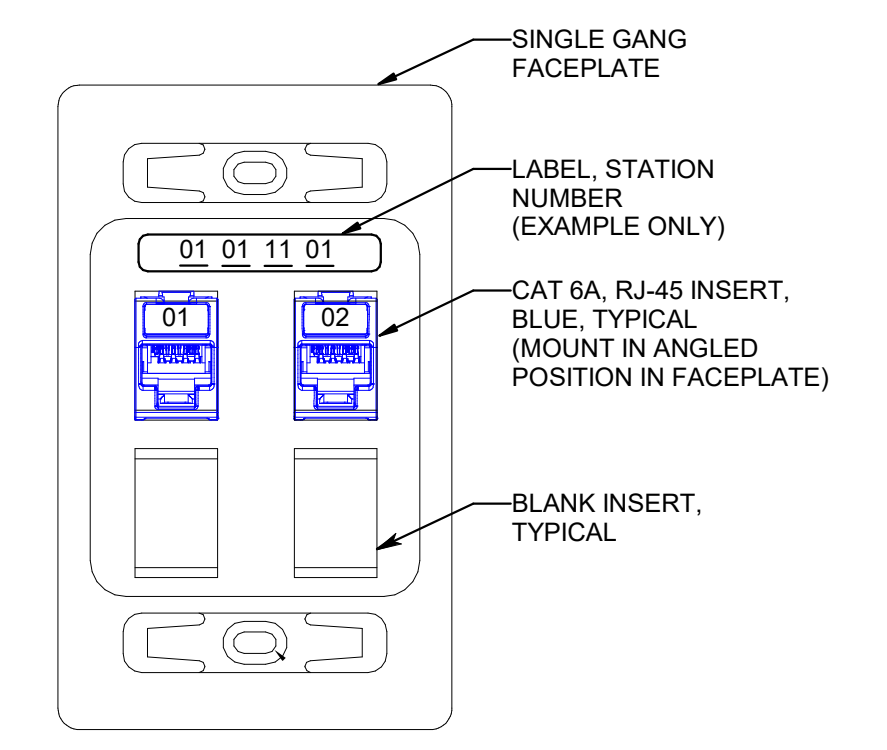
D5 TYPICAL 2-PORT WIRELESS ACCESS POINT
SCALE: NTS



C5 TYPICAL 1-PORT CAMERA DATA OUTLET
SCALE: NTS



B5 TYPICAL 4-PORT WALL DATA OUTLET
SCALE: NTS



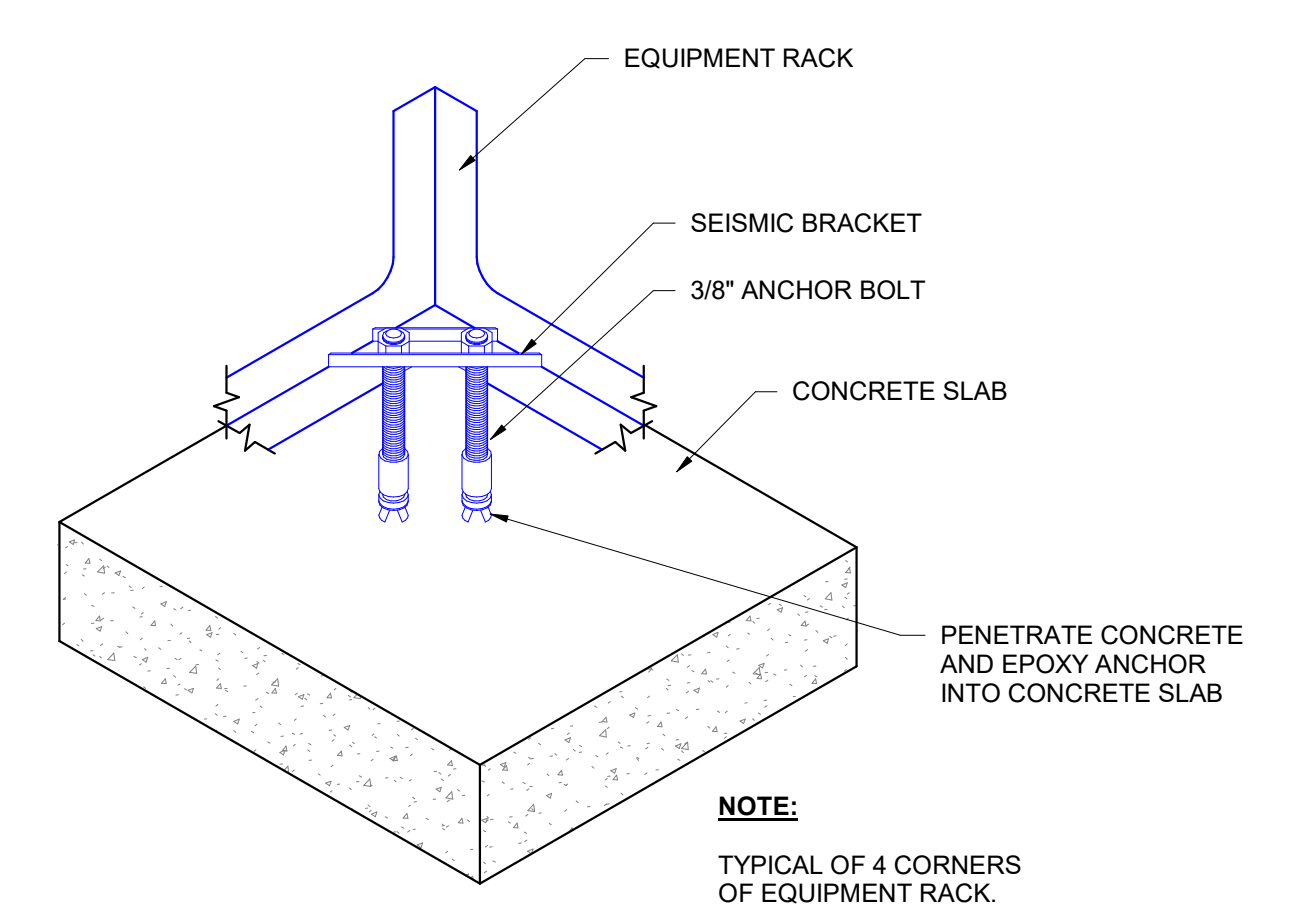
A5 TYPICAL 2-PORT WALL DATA OUTLET
SCALE: NTS

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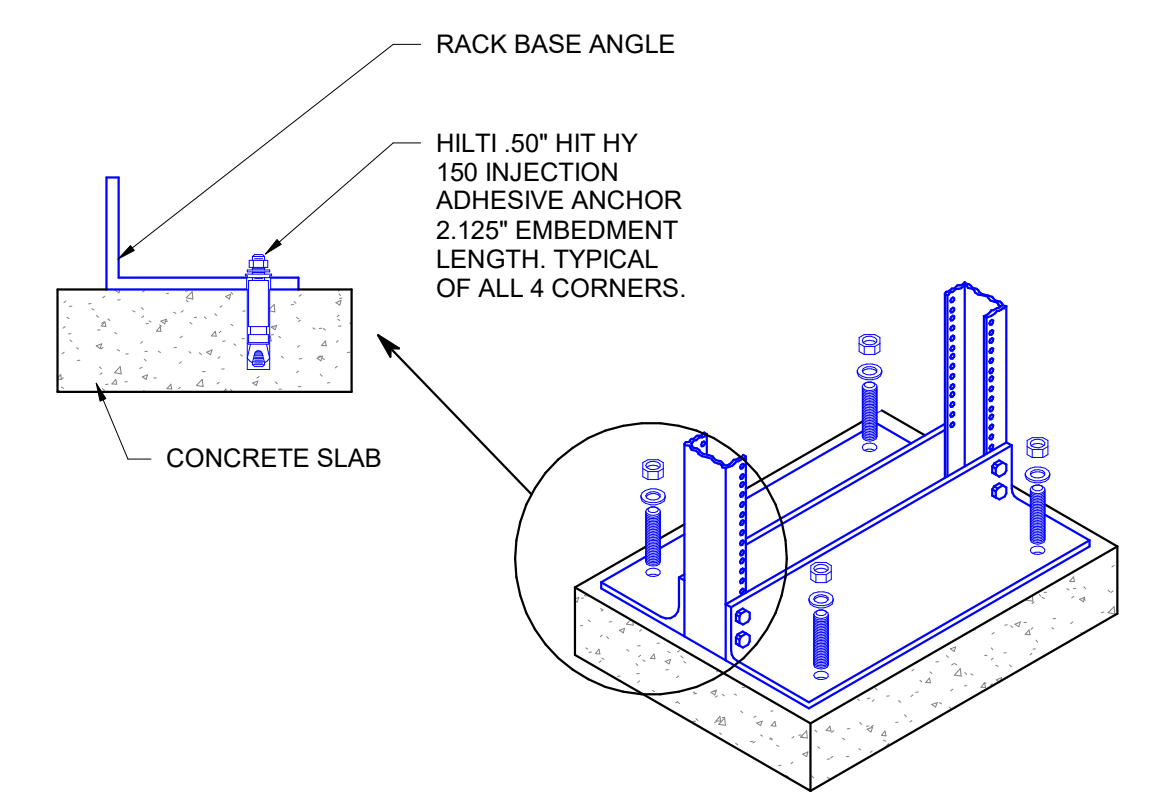
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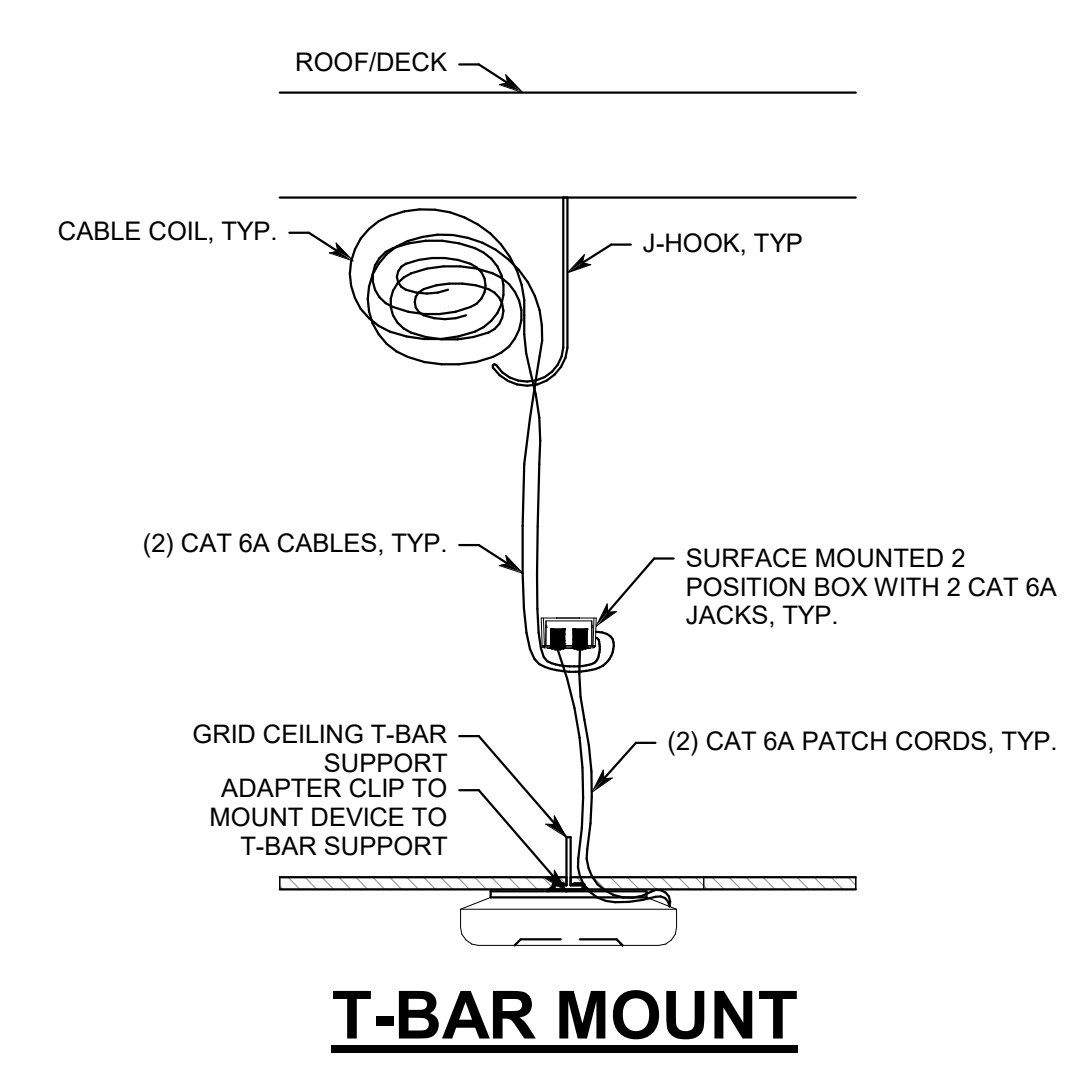
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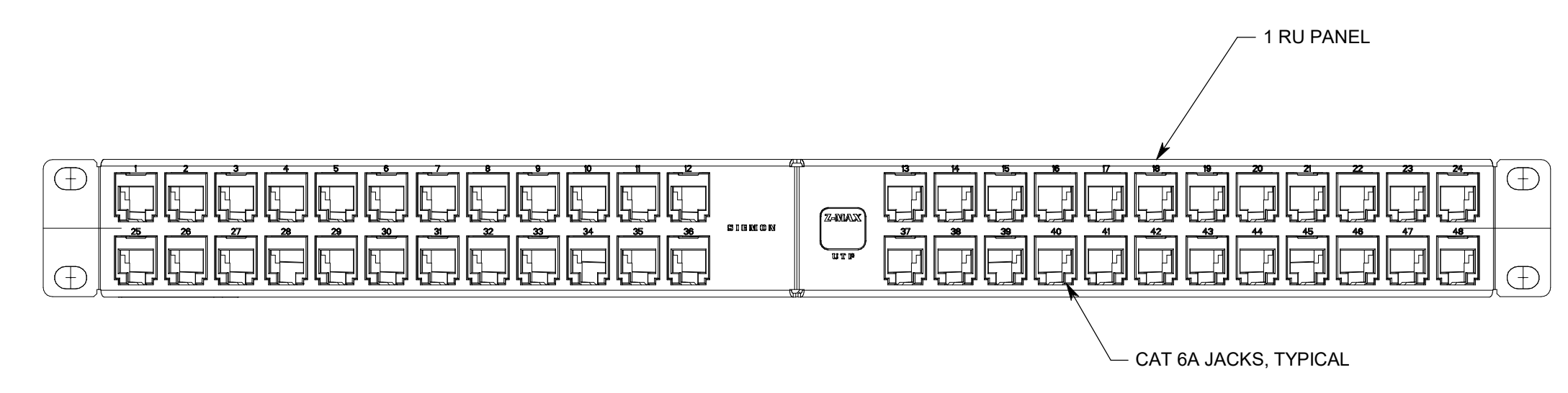
A2 TYPICAL EQUIPMENT CABINET SUPPORT DETAIL
SCALE: NTS



A1 TYPICAL EQUIPMENT RACK SUPPORT DETAIL
SCALE: 1/8\"/>



B3 WIRELESS ACCESS POINT MOUNTING DETAIL (T-BAR)
SCALE: NTS



A3 STATION PATCH PANEL (SPP1) DETAIL, TDR
SCALE: NTS

DFCM

DFCM APPROVAL STAMP

NOT FOR CONSTRUCTION

INTERMOUNTAIN HEALTHCARE

CLASSIC AIR - VCT 5TH FLOOR REMODEL

VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET MURRAY, UTAH

| Mark: | Date: | Description |
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| ISSUE: | | BID SET |
| DATE: | | 2022 10 25 |
| SPECTRUM PROJECT NO: | | 20130291 |
| DFCM PROJECT NO: | | 22015 |
| DRAWN BY: | | Author |
| CHECKED BY: | | Checker |
| DESIGNED BY: | | Designer |
| RECORD DRAWING DATE: | | |

SIGNATURE:
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SHEET TITLE

TELECOM DETAILS

ET502

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DFCM APPROVAL STAMP

NOT FOR CONSTRUCTION

INTERMOUNTAIN HEALTHCARE
CLASSIC AIR - VCT 5TH FLOOR REMODEL

VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET MURRAY, UTAH

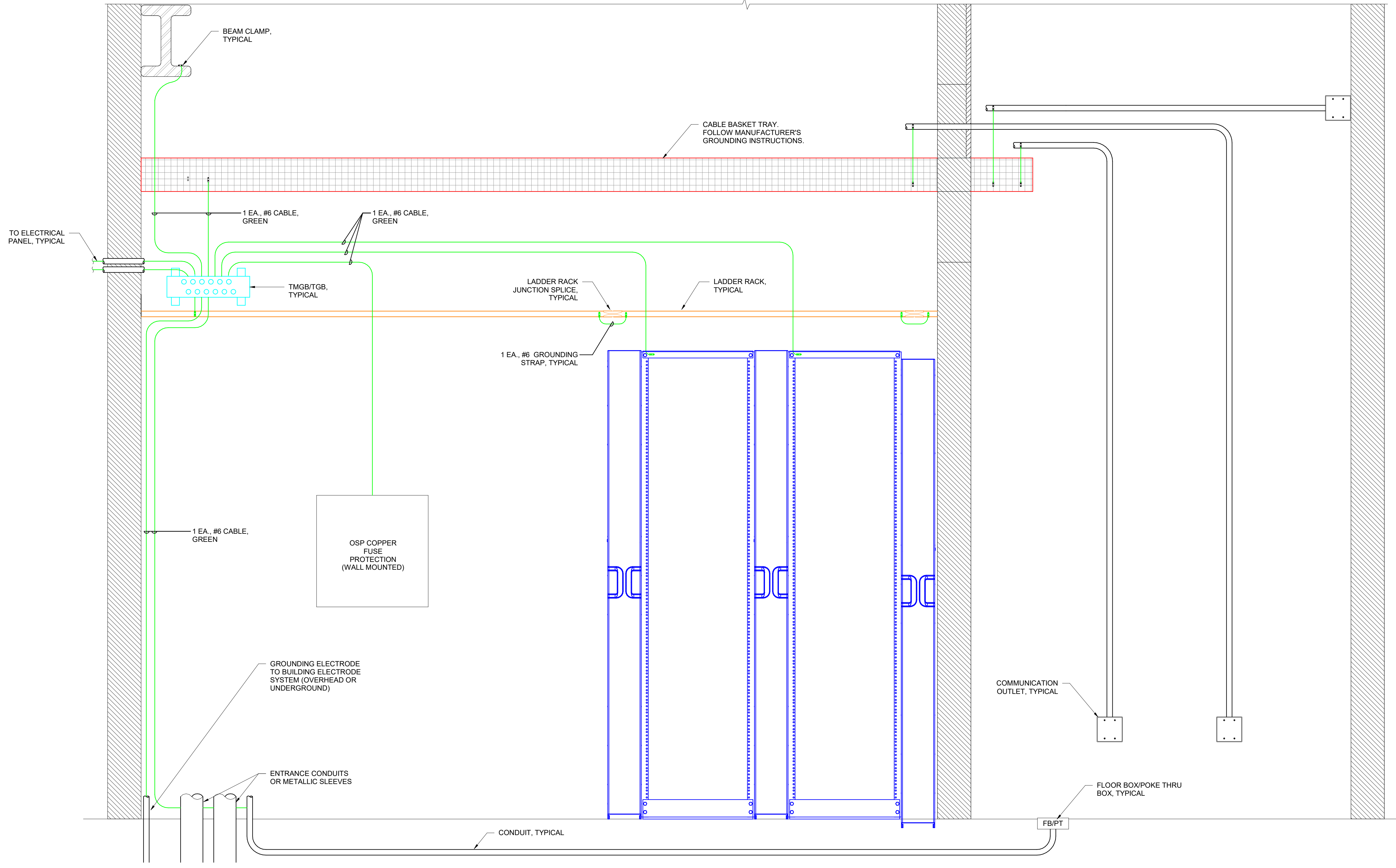
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| DRAWN BY: | | Author |
| CHECKED BY: | | Checker |
| DESIGNED BY: | | Designer |
| RECORD DRAWING DATE: | | |

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 SHEET TITLE
TELECOM EQUIPMENT RACK GROUNDING DETAIL

ET503

GENERAL NOTES:

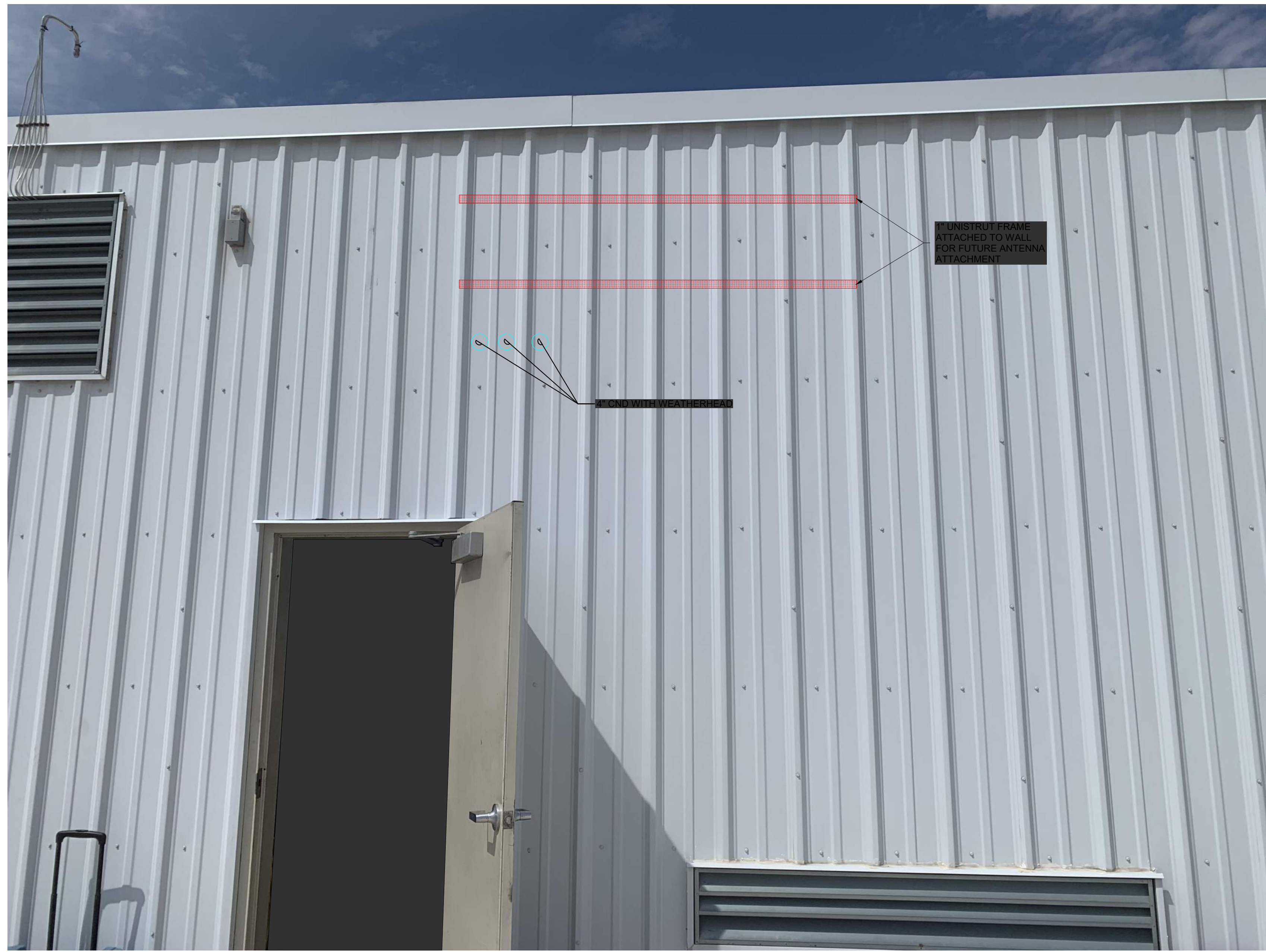
1. ALL LOW VOLTAGE COMMUNICATIONS CONDUIT SHALL BE GROUNDED TO BASKET TRAY OR TELECOMMUNICATIONS GROUNDING BUS BAR.
2. "TMGB" SHOULD BE 1/4"x4"x24".
3. "TGB" SHOULD BE 1/4"x2"x24".
4. EMT CONDUIT GROUNDING CLAMP SHOULD BE ELECTROLYTIC CAST BRONZE (PANDUIT PART NUMBER GPL-"X"-X", OR EQUAL).
5. RIGID CONDUIT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



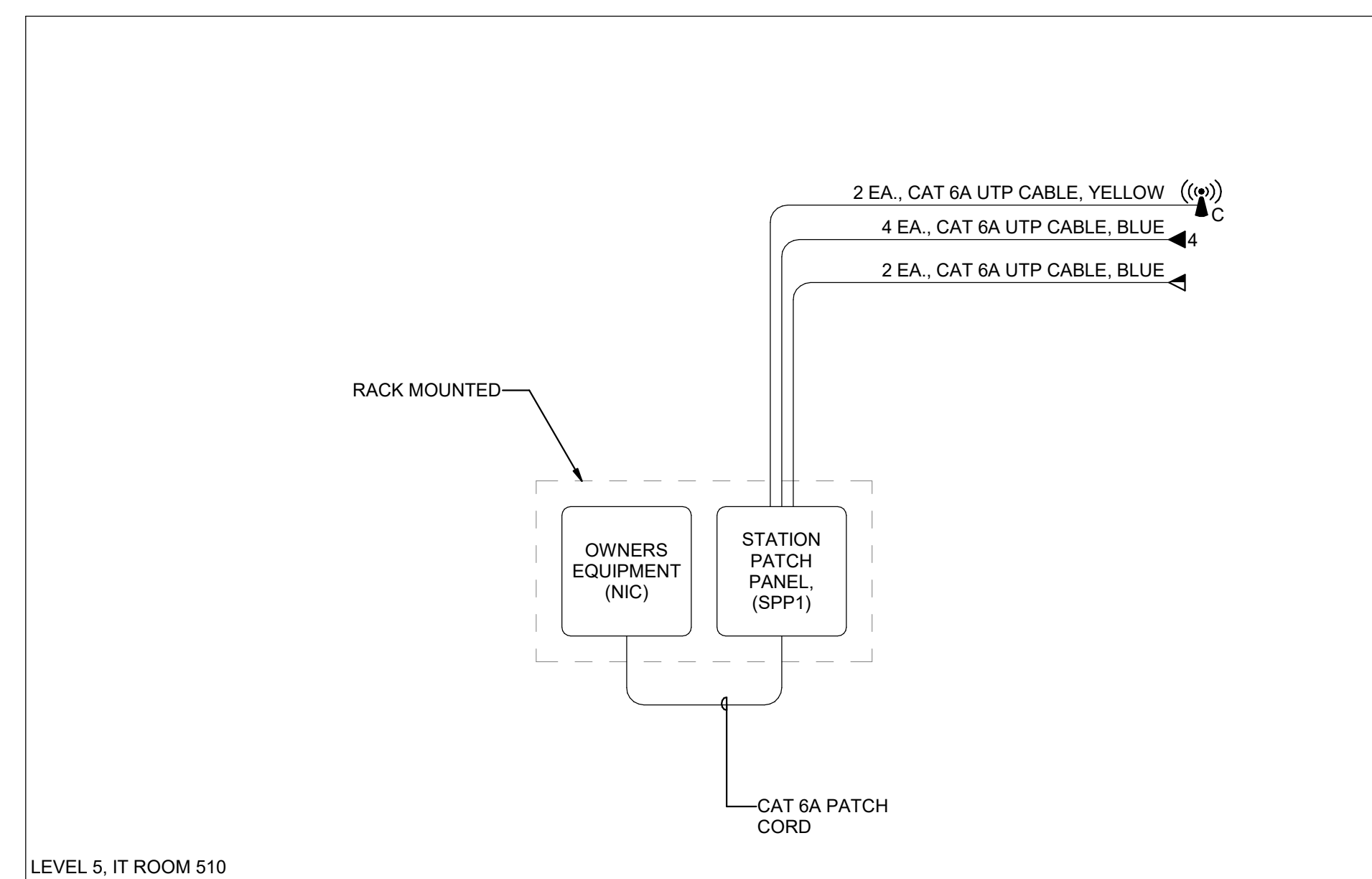
A1 TYPICAL TELECOM EQUIPMENT RACK GROUNDING DETAIL
 SCALE: 1/8" = 1'-0"

1 2 3 4 5 6

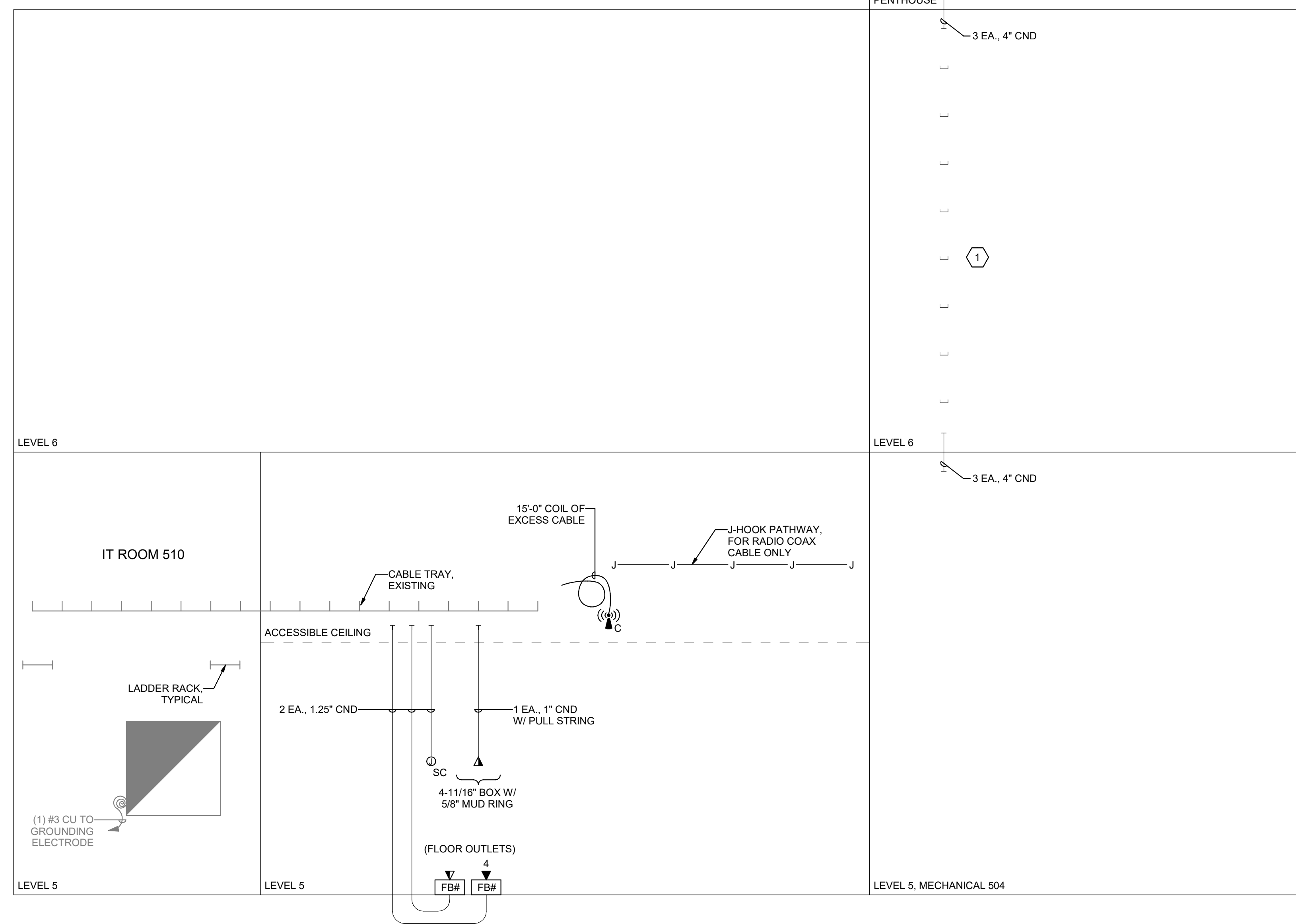
BIM 13601/22015 - Intermountain Classic Air Medical/220431 - Elec Central.rvt
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C1 PENTHOUSE TELECOM CONDUIT PHOTO
SCALE: NTS

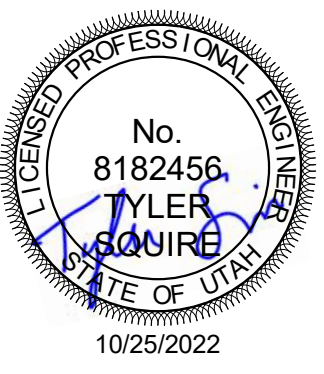


A1 TELECOM CABLE RISER DIAGRAM
SCALE: 1/8" = 1'-0"



A4 TELECOM CONDUIT RISER DIAGRAM
SCALE: NTS

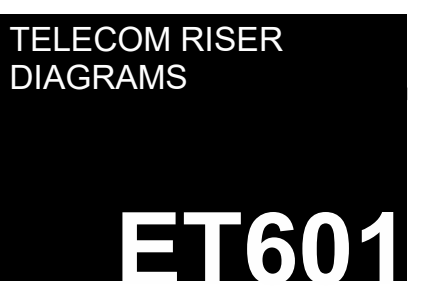
| SHEET KEYNOTES | |
|----------------|---|
| 1 | CONTRACTOR TO PROVIDE D-RINGS FOR VERTICAL CABLE SUPPORT. |



| REV | DATE | DESCRIPTION |
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| | | |

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 INTERMOUNTAIN HEALTHCARE
 VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
 MURRAY, UTAH
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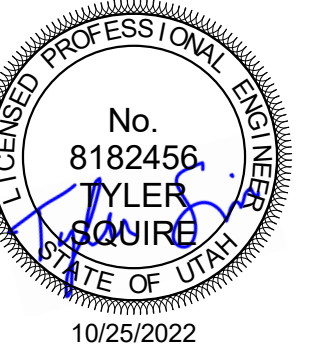


GENERAL SHEET NOTES

- 1 EXISTING FIRE ALARM NOTIFICATION DEVICES ARE TO REMAIN IN PLACE AND MUST REMAIN OPERATIONAL THROUGHOUT CONSTRUCTION.
- 2 CONNECT NEW FIRE ALARM DEVICES TO EXISTING FARADAY FIRE ALARM SYSTEM. PROVIDE SYSTEM TEST REPORTS TO THE OWNER AT THE COMPLETION OF THE PROJECT.
- 3 ACCESS CONTROL SYSTEM SHALL BE PROVIDED AND INSTALLED BY ACCENT AUTOMATION.
- 4 ALL NEW CAMERAS SHALL BE PROVIDED AND INSTALLED BY CONVERGINT.
- 5 ALL EXITS ARE TO BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

SHEET KEYNOTES

- 1 EXISTING CARD READERS ARE TO BE REMOVED AND RELOCATED AS REQUIRED FOR THE INSTALLATION OF THE NEW DOORS. COORDINATE WITH DOOR INSTALLERS.



| REV | DATE | DESCRIPTION |
|-----|------------|---------------|
| 2 | 12/06/2022 | CITY COMMENTS |

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| VCBO NUMBER: | 22015 |
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| DATE: | 2022.10.25 |

CLASSIC AIR - VCT 5TH FLOOR REMODEL

INTERMOUNTAIN HEALTHCARE
 VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
 MURRAY, UTAH
 BID SET

LEVEL 5 AUXILIARY PLAN

FY105



A1 LEVEL 5 AUXILIARY PLAN
 SCALE: 1/8" = 1'-0"



A1 LEVEL 5 AUDIO VISUAL ROUGH-IN PLAN
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

SHEET KEYNOTES

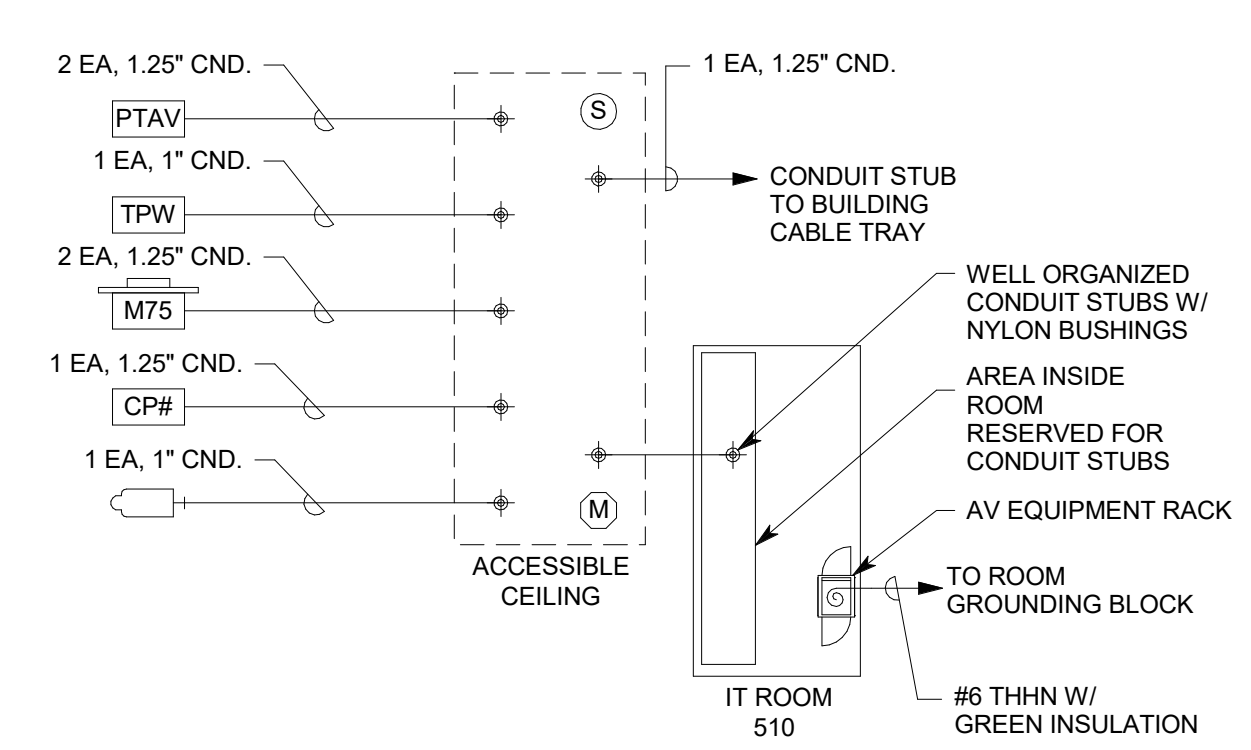
1 AV EQUIPMENT RACK. COORDINATE EXACT LOCATION WITH I.T.



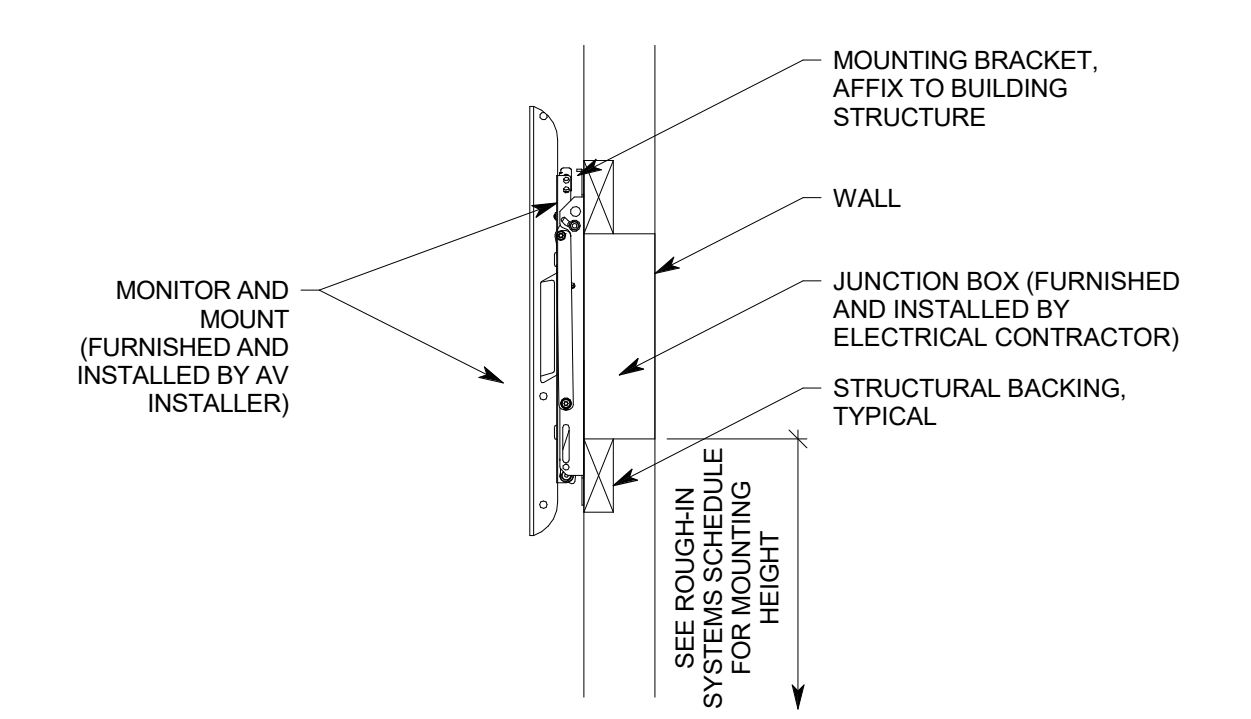
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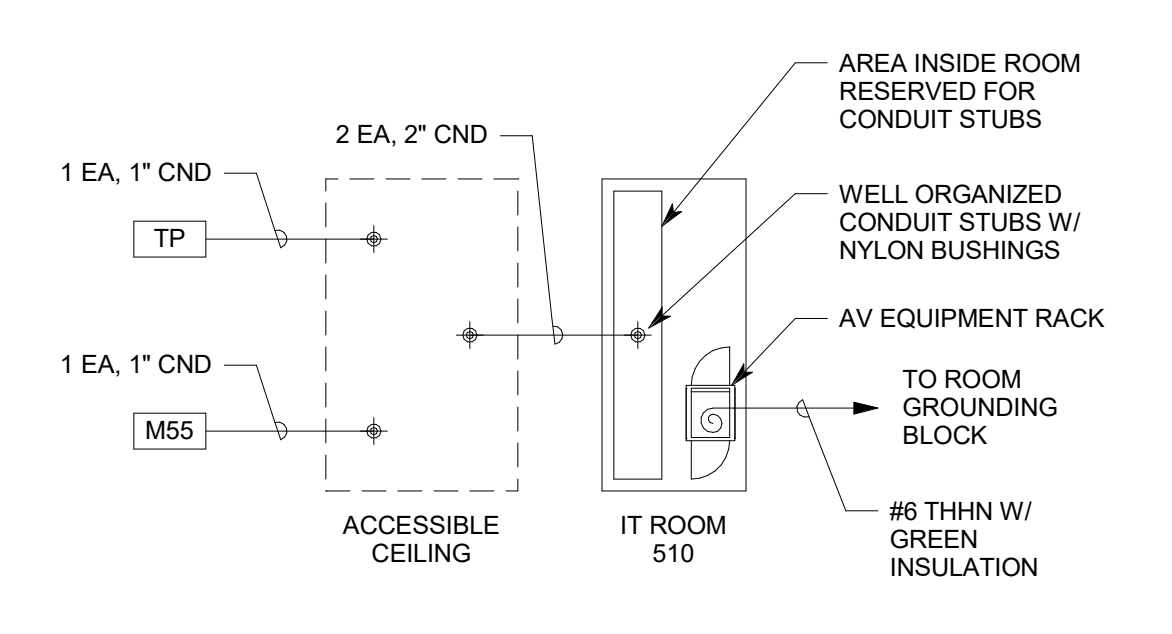
CLASSIC AIR - VCT 5TH FLOOR REMODEL
 INTERMOUNTAIN HEALTHCARE
 VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
 MURRAY, UTAH
 BID SET



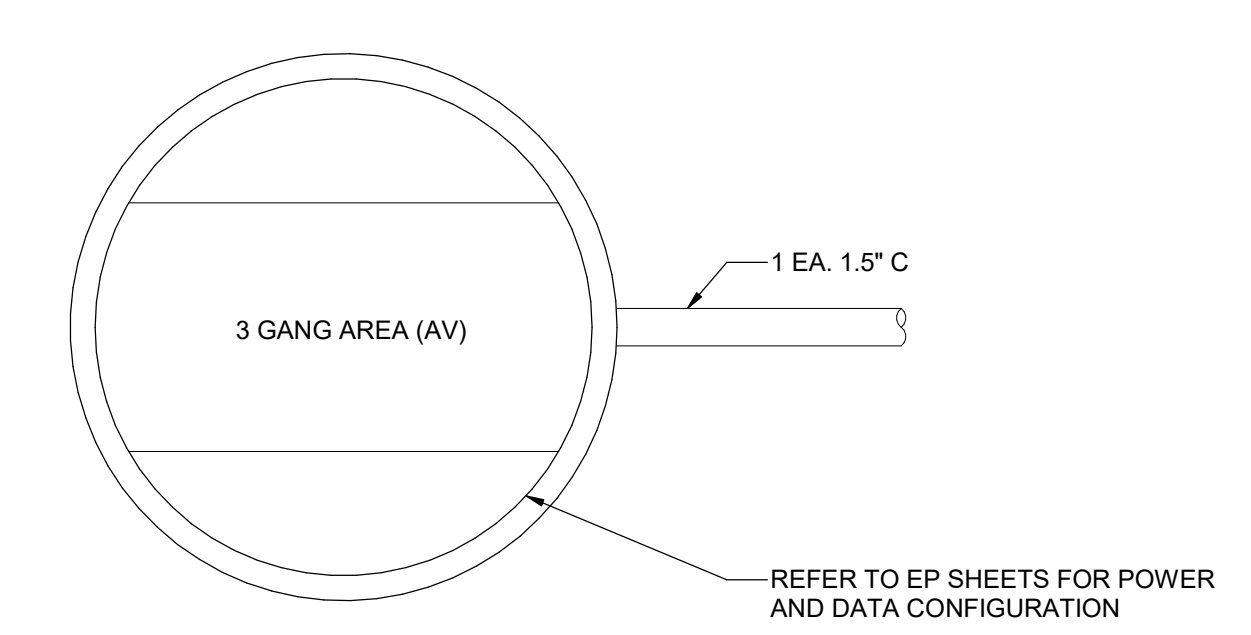
D3 TRAINING ROOM AV CONDUIT RISER DIAGRAM
NO SCALE



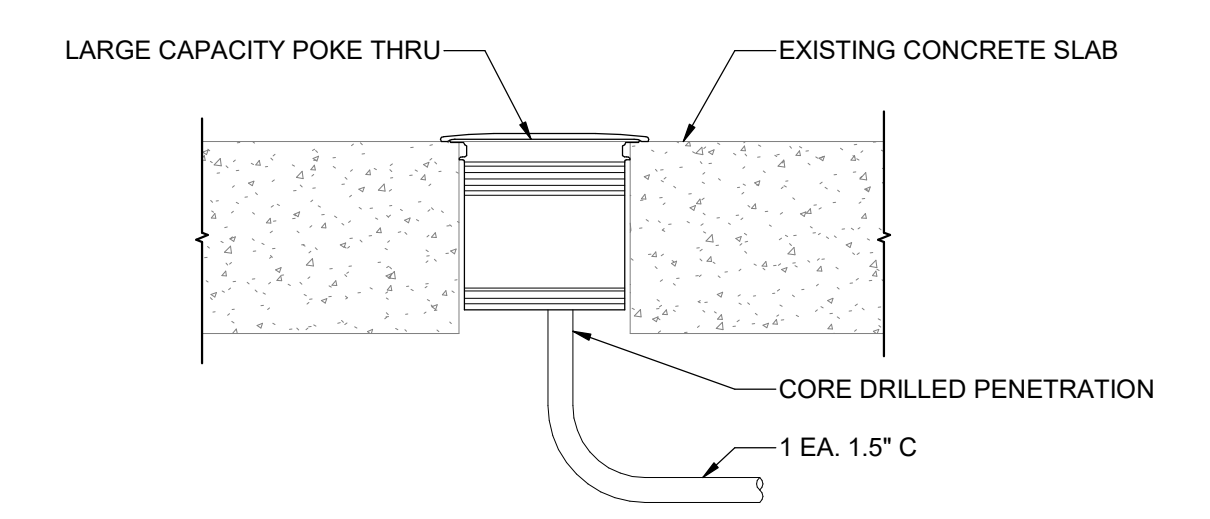
C3 FLAT PANEL INSTALLTION DETAIL
NO SCALE



C4 VIDEO SYSTEMS CONDUIT RISER DIAGRAM
SCALE: NTS

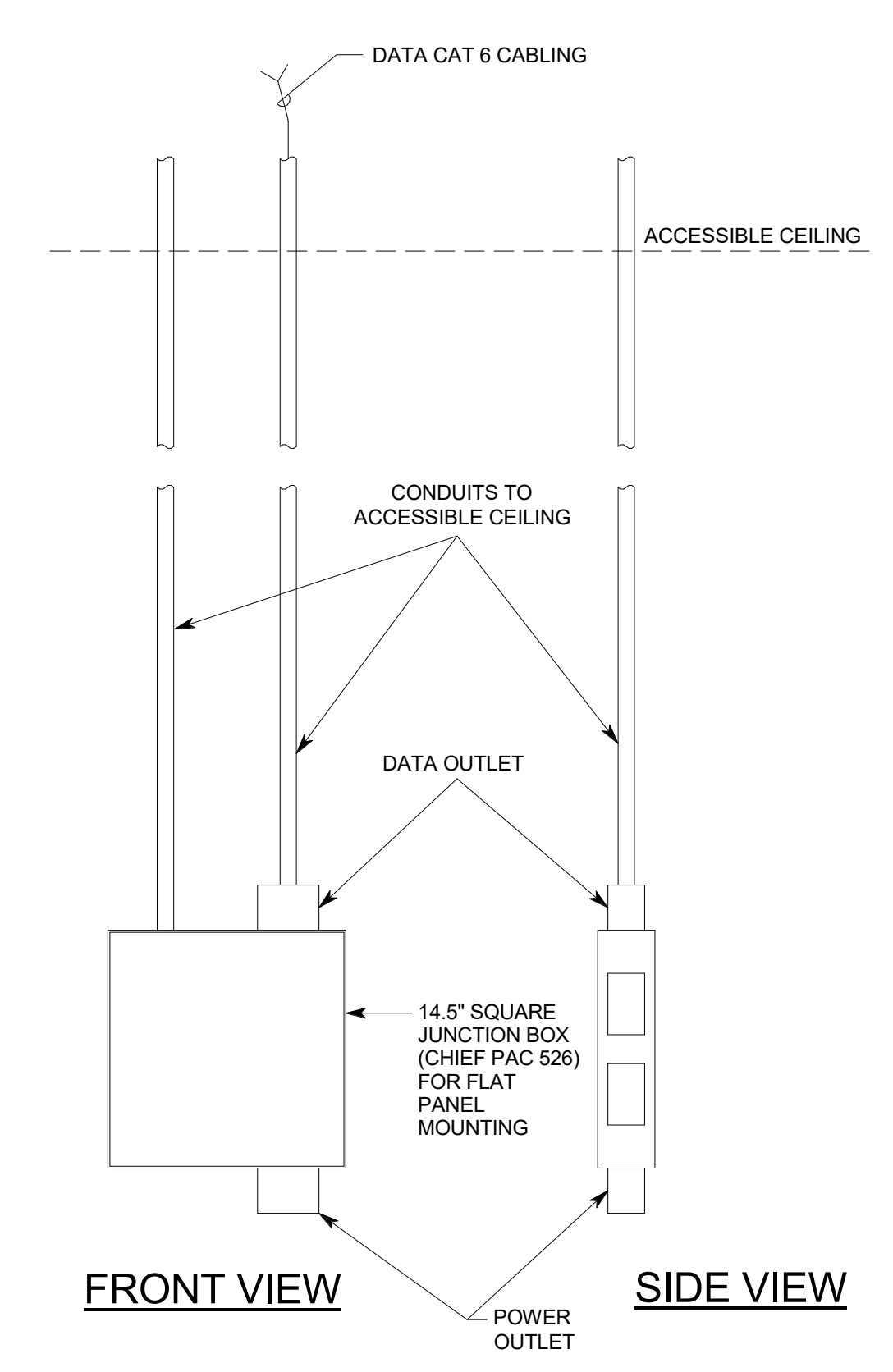


PLAN VIEW

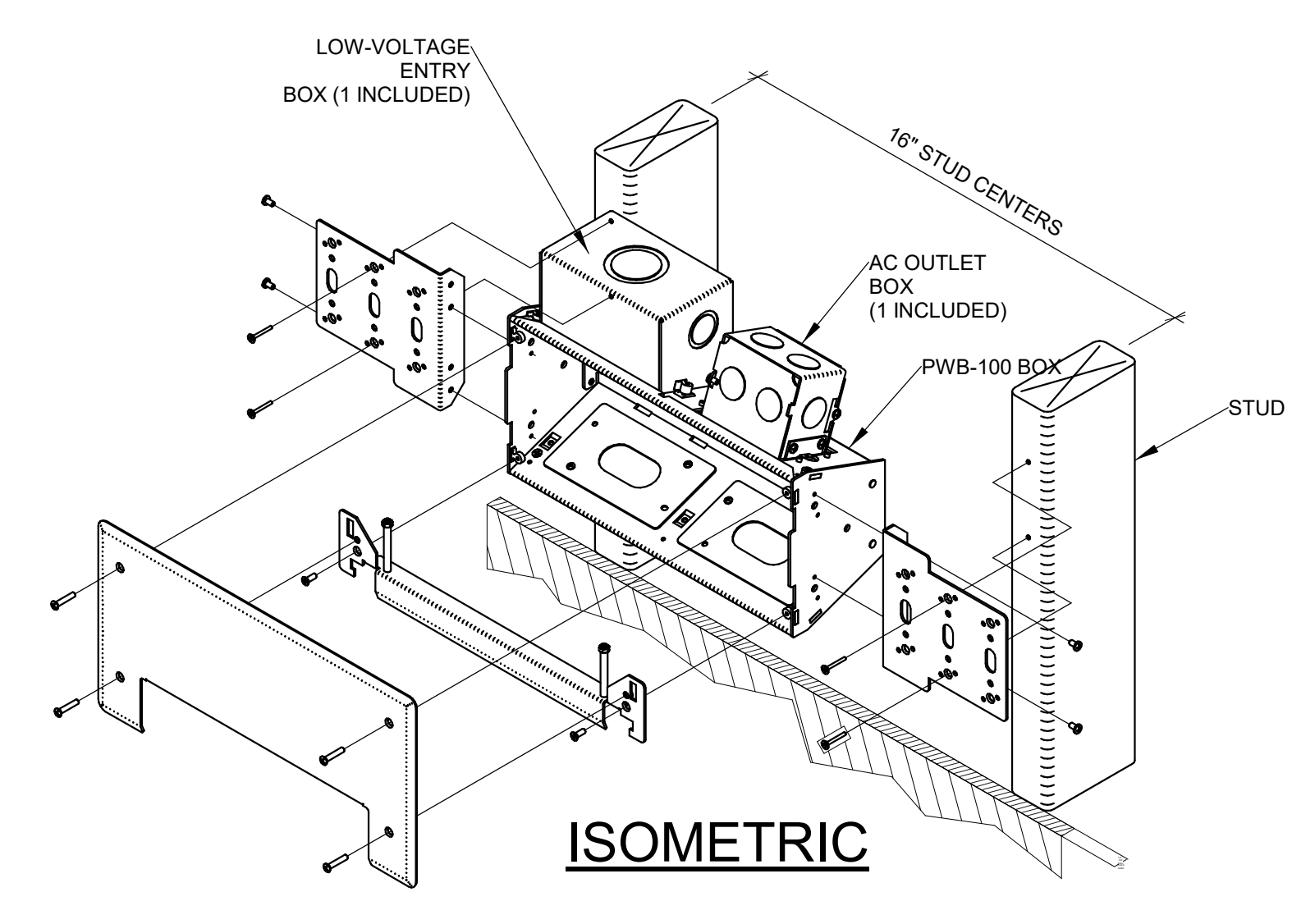


SIDE VIEW

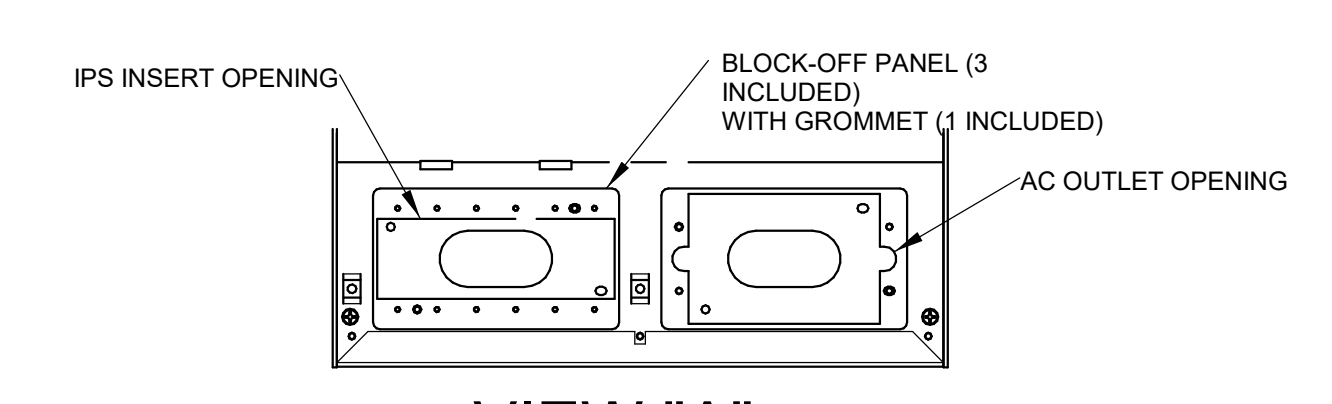
C5 FIRE-RATED POKE-THRU INSTALLATION DETAIL
SCALE: 1/8\"/>



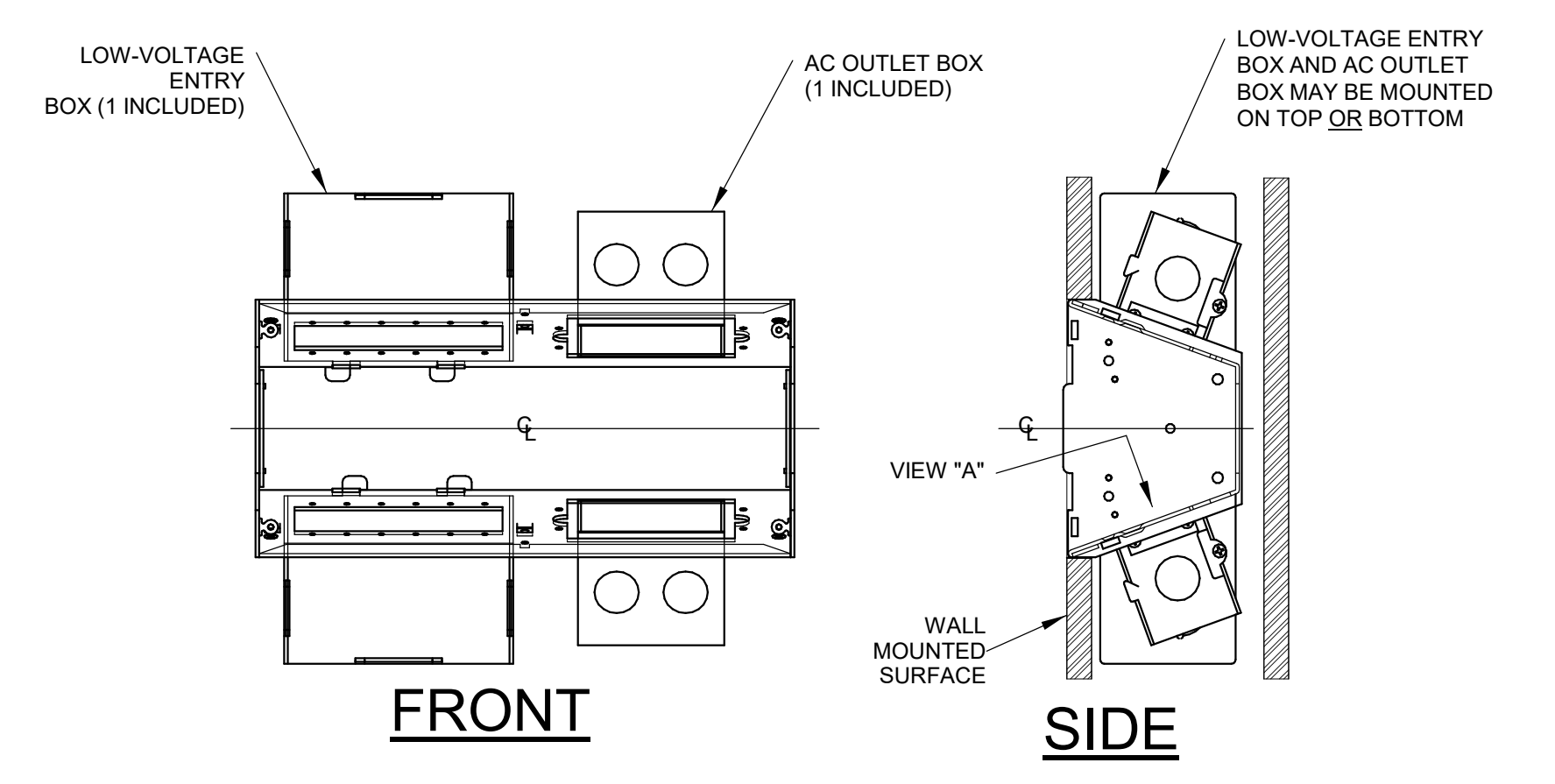
A3 FLAT PANEL WIRING DETAIL
NO SCALE



A4 FLAT PANEL WALL MOUNTING DETAIL (FSR PWB-100)
SCALE: NTS



VIEW \"A\"



FRONT

SIDE

| REV | DATE | DESCRIPTION |
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CLASSIC AIR - VCT 5TH FLOOR REMODEL
INTERMOUNTAIN HEALTHCARE
VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
MURRAY, UTAH
BID SET

AV SIGNAL TYPE ABBREVIATIONS SCHEDULE

| ABBREVIATION | SIGNAL TYPE |
|--------------|---|
| AL | AUDIO, LEFT, (LINE LEVEL) |
| AR | AUDIO, RIGHT, (LINE LEVEL) |
| AA | ANALOG AUDIO, (LINE LEVEL) |
| V | VIDEO, COMPOSITE-STANDARD RESOLUTION ANALOG VIDEO |
| YC | S-VIDEO-STANDARD RESOLUTION ANALOG VIDEO |
| YUV | COMPONENT VIDEO-STANDARD RESOLUTION ANALOG VIDEO |
| RGBHV | RED, GREEN, BLUE, HORIZONTAL & VERTICAL SYNC-HIGH RESOLUTION ANALOG VIDEO |
| XGA/VGA | EXTENDED GRAPHICS ARRAY/VIDEO GRAPHICS ARRAY-HIGH RESOLUTION ANALOG VIDEO |
| DVI | DIGITAL VIDEO INTERFACE-HIGH RESOLUTION DIGITAL VIDEO |
| HDMI | HIGH DEFINITION MULTIMEDIA INTERFACE-HIGH RESOLUTION DIGITAL VIDEO |
| DP | DISPLAY PORT-HIGH RESOLUTION DIGITAL VIDEO |
| TP | TWISTED PAIR |
| IP | INTERNET PROTOCOL |
| ENET | ETHERNET |
| HDBT | HD BASE T |

AUDIO AND VIDEO 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 |
|--------|--|----------|--|
| [DPP] | DATA PATCH PANEL, CAT6 PORTS AS REQUIRED PLUS 25% | A/R | MANUFACTURER TO MATCH I.T. EQUIPMENT |
| [MSS] | FLAT PANEL DISPLAY, 55", LCD, 4K, 24/7 OPERATION VIDEO WALL MOUNTING SYSTEM WITH RAILS | 0/FP | SONY FW-55B240H OR AS APPROVED CHIEF LV51U W/ ALL NECESSARY ACCESSORIES |
| [CPU] | COMPUTER, OWNER FURNISHED AND INSTALLED | 0 | AV INSTALLER TO CONNECT CPU TO AV SYSTEM |
| | CONNECTORS, SEE NOTE 5 | A/R | |
| | POWER SUPPLIES, MISC. TRANSFORMERS, SIGNAL SENSORS, PROTOCOL CONVERTERS, SEE NOTES 4, 7, 8 | A/R | |
| | PATCH CORDS, SEE NOTE 6 | A/R | |
| | ADAPTER CABLES, SEE NOTE 9 | A/R | |
| | CABLE, SEE AUDIO-VIDEO SYSTEMS CABLE SCHEDULE | A/R | |
| | RACK MOUNT SHELF | A/R | MIDDLE ATLANTIC UTR1 |
| | NYLON BRAIDED EXPANDABLE SLEEVING | A/R | TECH FLEX FLEXP PET |
| | LECTERN, MULTIMEDIA W/ FRONT DOORS, REMOVABLE BACK, AND SIDE SHELF, FIXED (NO CASTERS) | 1 | DWI ENTERPRISES DM400SE-2, W/ EXTRON CABLE CUBBY 500, AND EQUIPMENT AS DETAILED, ARCHITECT TO SELECT FINISH. |
| [IPTX] | NETWORK VIDEO ENCODER | 0/FP | VISIONARY E4100 |
| [IPRX] | NETWORK VIDEO DECODER | 0/FP | VISIONARY D4100 |
| [CS] | CONTROL SYSTEM | 0/FP | QSC Q-SYS NANO |
| [TVSS] | TRANSIENT VOLTAGE SURGE SUPPRESSOR AT MONITORS | 0/FP | SURGEX SA82 OR TRIPP LITE ISOBAR8 |
| [TVSS] | TRANSIENT VOLTAGE SURGE SUPPRESSOR, 20 AMP, RACK MOUNT | 0/FP | TRIPP LITE IBAR12-20ULTRA |
| [RACK] | EQUIPMENT RACK #1, 44RU, 27" DEEP | 1 | MIDDLE ATLANTIC WRK 44-27 W/ VFD-44, MW-LVRD-44, MW-4FT, AND WRK-RR44 |
| [UPS] | UNINTERRUPTIBLE POWER SUPPLY, 20 AMP | 0/FP | MIDDLE ATLANTIC UPS-2200R |
| [STB] | DISH/CABLE SUPPLIER SET TOP BOX | 0/FCI | |
| [AM] | WIRELESS VIDEO RECEIVER | 0/FP | CRESTRON AIRMEDIA 2 |
| [WR2] | WIRELESS MICROPHONE SYSTEM WITH BODY WORN AND HANDHELD TRANSMITTER, LAVALIER MICROPHONE | 0/FP | SHURE ULXD4D 1 ULXD2B58 HANDHELD TRANSMITTER 1 ULXD1 BODYPAK TRANSMITTER AND WL183 LAPEL MIC |
| [TPW] | WALL MOUNTED TOUCH SCREEN CONTROL PANEL, 10", PoE | 0/FP | QSC TSC-101-G3 |
| [AMP] | POWER AMPLIFIER, 1-CHANNEL, 75 WATTS MINIMUM, 70V | 0/FP | CRESTRON AMP X75 |
| [M] | CEILING MICROPHONE, STEARABLE, DANTE | 0/FP | SHURE MXA920W-S |
| [ASPI] | AUDIO DIGITAL SIGNAL PROCESSOR, 24 1/0 W/ DANTE AND USB | 0/FP | QSC CORE 100F |
| [ALS] | ASSISTED LISTENING SYSTEM, WI-FI & RF WITH LOCAL WI-FI ACCESS POINT | 0/FP | LISTEN LCS-120-01 W/ ACCESS POINT |
| [CAM] | CAMERA, PTZ, TP CONNECTIVITY, 12X ZOOM | 0/FP | Q-SYS NC-12-80 |
| [PTAV] | CONNECTION PLATE MOUNTED IN POKE THRU | 0/FP | PLATE W/ CUSTOM CONNECTIONS AND ENGRAVING AS DETAILED. SEE DETAILS ON SHEET TA501 |
| [MTR] | LOGITECH MICROSOFT TEAMS ROOM SYSTEM | 0/FP | LOGITECH TAPMSTBASELNV LENOVO MINI FOR TEAMS ROOMS (MTR), LOGITECH TAP (TPT) W/ GATSE KIT (CNV), TABLE MOUNT, AND ALL NECESSARY ACCESSORIES |
| [S] | SPEAKER, 6.5", CEILING MOUNTED, W/ GRILLE AND TILE RAILS | 0/FP | ATLAS-IED FAP63T |
| [NS] | NETWORK SWITCH, POE, GIGABIT, MANAGED, PoE+ | A/R | NETGEAR M4250-40G8X-PoE+US |
| [CPN] | CONNECTION PANELS | 0/FP | PLATE W/ CUSTOM CONNECTIONS AND ENGRAVING AS DETAILED. SEE DETAILS ON SHEET TA501 |
| [M75] | FLAT PANEL DISPLAY, 75", LCD, 4K | 0/FP | LG 75UT640S, OR SIMILAR |
| [M75] | FIXED WALL MOUNT W/ MONITOR MATING PLATE | 0/FP | CHIEF XSM1U W/ ALL NECESSARY ACCESSORIES |
| [NTRX] | NETWORK VIDEO TRANSCIEVER | 0/FP | QSC NV-234H (CORE CAPABLE) |

A/R = AS REQUIRED, 0/FP = OBTAIN FROM PLANS, 0/FCI = OWNER FURNISHED CONTRACTOR INSTALLED

AV SYSTEMS SHEET INDEX

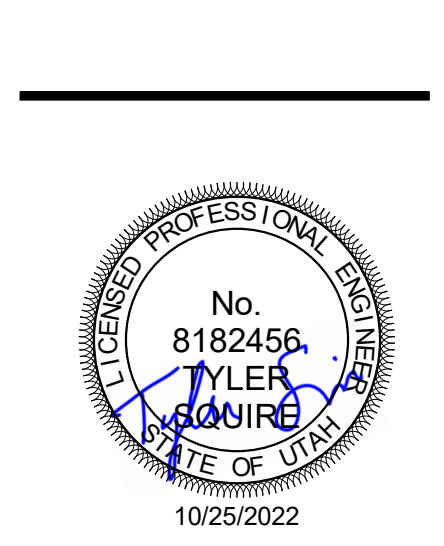
| | |
|-------|---|
| TA001 | SHEET INDEX, ABBREVIATIONS, AND GENERAL NOTES |
| TA501 | AUDIO VISUAL SYSTEMS DETAILS |
| TA601 | AUDIO VISUAL SYSTEMS SCHEDULES |

SPECIAL PROJECT NOTES

1. THE VIDEO SYSTEM EQUIPMENT LISTS IDENTIFY EQUIPMENT ITEMS OF SIGNIFICANCE BY MANUFACTURER AND MODEL NUMBER. THE SOLE PURPOSE FOR THIS IS TO ESTABLISH LEVELS OF INDIVIDUAL COMPONENT COMPATIBILITY FOR ALL EQUIPMENT ITEMS. IT IS NOT THE INTENT OF THE AUDIO AND VIDEO SYSTEM EQUIPMENT LIST TO PRECLUDE THE INSTALLATION OF EQUIPMENT ITEMS FABRICATED BY MANUFACTURERS OTHER THAN THOSE LISTED, SO FAR AS THEY ARE JUDGED TO BE EQUAL TO THOSE EQUIPMENT ITEMS IDENTIFIED IN THE LIST, PROVIDING THEY CAN GUARANTEE COMPATIBILITY WITH THE EXISTING SYSTEMS IN THE CAPITOL BUILDINGS. THIS GUARANTEE INCLUDES REPLACEMENT OF EXISTING HEAD-END EQUIPMENT AND OTHER EXISTING DEVICES, COMPONENTS, WIRING AND SOFTWARE. TESTING THE ENTIRE SYSTEM FOR FUNCTIONALITY WHEN COMPLETE AND CORRECTING ALL DEFICIENCIES THROUGHOUT THE CAPITOL BUILDING, AND HOUSE AND SENATE OFFICE BUILDINGS. OTHER MANUFACTURERS WILL BE CONSIDERED ONLY IF SUBMITTED TO THE ENGINEER IN WRITING AT LEAST 7 DAYS PRIOR TO THE BID OPENING.

GENERAL SHEET NOTES

- PROVIDE PLENUM RATED CABLE INSIDE ALL AIR PLENUMS. WHERE CABLE IS SPECIFIED INSIDE A PLENUM PROVIDE EQUIVALENT CABLE TO THE NON-PLENUM CABLE SPECIFIED.
- FURNISH AND INSTALL ALL CABLE REQUIRED FOR THE SPECIFIED AUDIO AND VIDEO SYSTEMS. REFER TO THE CABLE INSTALLATION REQUIREMENTS SCHEDULE ON SHEET TA603 FOR ALL CABLE INSTALLATION REQUIREMENTS. CABLE TYPES AND QUANTITIES IDENTIFIED IN THIS SCHEDULE APPLY TO EACH AND EVERY LOCATION A SYMBOL IS SHOWN ON THE FLOOR PLAN SHEETS.
- MAINTAIN MAXIMUM SEPARATION OF CABLES OF DIFFERENT TYPES. DO NOT INSTALL DIFFERENT TYPES OF CABLES WITHIN THE SAME CONDUIT OR "J" HOOKS. DO NOT SPLICE CABLE.
- INSTALL ALL EQUIPMENT IN COMPLIANCE WITH THE MANUFACTURERS WRITTEN INSTRUCTIONS, SEISMIC CODES, AND INDUSTRY WIDE ACCEPTED RIGGING PRACTICES. SUPPORT EQUIPMENT WEIGHT FROM STRUCTURE ABOVE CEILING. DURING THE SUBMITTAL PROCESS, PROVIDE SHOP DRAWINGS WHICH DETAIL PROPOSED MOUNTING FOR ALL SUCH EQUIPMENT.
- FURNISH AND INSTALL ALL CABLE AND CONNECTORS REQUIRED FOR ALL AUDIO AND VIDEO SYSTEMS TO COMPLETE MANUFACTURER RECOMMENDED CABLE TO EQUIPMENT TERMINATION TO FORM A COMPLETE AND FULLY FUNCTIONAL SYSTEM AS SHOWN. SELECT CONNECTORS WHICH PASS FULL BANDWIDTH CAPABILITY OF SPECIFIED CABLE.
- PROVIDE PATCH CABLES TO FULLY INTERCONNECT ALL SPECIFIED AND/OR OWNER FURNISHED EQUIPMENT WITH THE SPECIFIED CONNECTION PANELS, SYSTEM INTERFACES, AND MISCELLANEOUS EQUIPMENT.
- PROVIDE MANUFACTURER RECOMMENDED AND INDUSTRY STANDARD SIGNAL LEVELS THROUGHOUT ENTIRE SYSTEM. PROVIDE ALL REQUIRED DISTRIBUTION AND PROCESSING EQUIPMENT, INCLUDING BUT NOT LIMITED TO SIGNAL DISTRIBUTION AMPLIFIERS, WHETHER SHOWN IN THE SINGLE LINE DIAGRAMS OR NOT.
- PROVIDE POWER, CURRENT, AND/OR SIGNAL SENSORS FOR ALL EQUIPMENT WHERE IT IS NECESSARY FOR CORRECT CONTROL SYSTEM OPERATION.
- PROVIDE PRE-MANUFACTURED ADAPTER CABLES WHERE REQUIRED FOR MATING CABLE TO CONNECTORS.
- PROVIDE RACK MOUNT KITS FOR ALL RACK MOUNTED EQUIPMENT. WHERE MANUFACTURERS DO NOT PROVIDE RACK MOUNT KITS, PROVIDE CUSTOM RACK MOUNT KITS AS SPECIFIED.
- FILL ALL UNUSED RACK SPACE WITH BLANK/VENT PANELS.
- WHEN AUDIO, VIDEO, OR CONTROL CABLE IS INSTALLED IN CABLE TRAY PROVIDE COORDINATION WITH STATE IT PERSONNEL. WHERE CABLE IS INSTALLED OUTSIDE OF CABLE TRAY OR CONDUIT INSTALL IN "J" HOOKS. MAXIMUM "J" HOOK SEPARATION IS 4'. DO NOT SUSPEND "J" HOOKS FROM WIRE HUNG BY OTHER TRADES. AFFIX "J" HOOKS DIRECTLY TO BUILDING STRUCTURE OR INSTALL INDIVIDUAL WIRE HANGARS.
- PROVIDE MANUFACTURER RECOMMENDED POWER SUPPLIES, POE++ INJECTORS AND/OR TRANSFORMERS FOR ALL SPECIFIED EQUIPMENT.
- CONDUCT AN RF FREQUENCY AUDIT OF THE SITE PRIOR TO SELECTION OF WIRELESS RF OPERATING FREQUENCIES. SELECT FREQUENCIES TO ASSURE INTERFERENCE FREE OPERATION. INSTALL ANTENNAS/TRANSCIEVERS OUTSIDE OF THE EQUIPMENT RACK, AT AN ARCHITECT APPROVED LOCATION, WHERE THE BEST SYSTEM PERFORMANCE IS ACHIEVED.
- FURNISH AND INSTALL ALL MOUNTS FOR MONITORS. AFFIX ALL MOUNTS TO THE BUILDING STRUCTURE IN COMPLIANCE WITH GENERAL NOTE 4. FURNISH AND INSTALL ALL REQUIRED ACCESSORIES INCLUDING, BUT NOT LIMITED TO, MOUNTING PLATES, FASTENERS, BRACKETS, UNISTRUT, PIPE EXTENSIONS, PIPE COUPLERS, CAPS, THREADED ROD, CABLES, CLAMPS, TURNBUCKLES, EPOXIES, ETC... TO INSTALL AND POSITION THE DISPLAY DEVICES FOR ITS INTENDED USE IN FULL COMPLIANCE WITH THE WRITTEN INSTRUCTIONS OF THE DISPLAY DEVICE MANUFACTURER, AS WELL AS, THE MOUNT MANUFACTURER.
- PROVIDE BALANCING TRANSFORMERS FOR ALL AUDIO INPUTS/OUTPUTS WHICH ARE NOT BALANCED BY THE MANUFACTURER.
- PROVIDE 120 VAC TO ALL EQUIPMENT THROUGH THE SPECIFIED TRANSIENT VOLTAGE SURGE SUPPRESSERS.
- BUNDLE, LACE, SUPPORT SEGREGATE, WRAP ETC... ALL CABLE IN ALL CABINETS AND RACKS IN A NEAT, PARALLEL/PERPENDICULAR AND ORDERLY MANNER. STRAIN RELIEF ALL WIRE BUNDLES WITH SUPPORTS, BUSHINGS ETC...
- LABEL ALL CONNECTORS AND USER CONTROLS IN COMPLIANCE WITH THE REQUIREMENTS IDENTIFIED IN THE SPECIFICATION.
- NETWORK ALL CONTROL SYSTEM CENTRAL PROCESSORS TOGETHER VIA THE STATE'S LOCAL AREA NETWORK (LAN). PROGRAM ALL REQUIRED TOUCH PANEL PAGES FOR CENTRAL MONITORING AND CONTROL OF ALL INDIVIDUAL CONTROL SYSTEM CENTRAL PROCESSORS. EXTEND CONTROL OF ALL AV SYSTEMS TO THE MASTER CONTROL ROOM TOUCH PANEL. UTILIZE THE SPECIFIED ROOM MANAGEMENT SOFTWARE PROGRAM.
- WHERE ANY GROUP OF CABLES ARE INSTALLED IN A FASHION WHERE EXPOSED TO PUBLIC VIEW, INSTALL CABLE INSIDE THE SPECIFIED BRAIDED EXPANDABLE SLEEVING. EXAMPLES OF SUCH LOCATIONS INCLUDE, BUT ARE NOT LIMITED TO CABLES EXITING FLOOR BOXES, & CABLES TO EQUIPMENT ON HORIZONTAL WORK SURFACES.
- POWER ALL SPECIFIED TRANSMITTERS AND RECEIVERS FROM THE EQUIPMENT RACK.
- USE LACING BARS AT REGULAR INTERVALS FOR CABLE MANAGEMENT ON THE REAR OF THE 2-POST EQUIPMENT RACK.
- PROGRAM ALL NEW AV DEVICES WITH PASSWORDS WITH A NEW (NON-FACTORY DEFAULT) PASSWORD. PROVIDE A SPREADSHEET TO THE OWNER IDENTIFYING ALL PROGRAMMED PASSWORDS. WORK WITH THE OWNER'S I.T. STAFF TO PROGRAM THE SPECIFIED NETWORK SWITCH WITH SECURITY HARDENING.
- PROVIDE COMPLETE NETWORK SWITCH CONFIGURATION AND PROGRAMMING SERVICES INCLUDING, BUT NOT LIMITED TO, UPDATING ALL NETWORK SWITCHES TO THE LATEST CODE, CONFIGURING ALL REQUIRED VLANS AND ASSIGNING ALL IP ADDRESS SCHEMES FOR SUBNET MASK GATEWAY AND DEVICE IP ADDRESS ASSIGNMENT. COORDINATE WITH THE OWNER'S NETWORK STAFF FOR ALL IP ADDRESS SCHEME.
- REUSE THE IDENTIFIED EXISTING SPEAKER ASSEMBLIES IN OPEN OFFICE C209. RECONFIGURE SPEAKER ASSEMBLIES AS SHOWN AND ADD A WALL MOUNTED VOLUME CONTROL. RECONNECT TO THE EXISTING POWER AMPLIFIER.



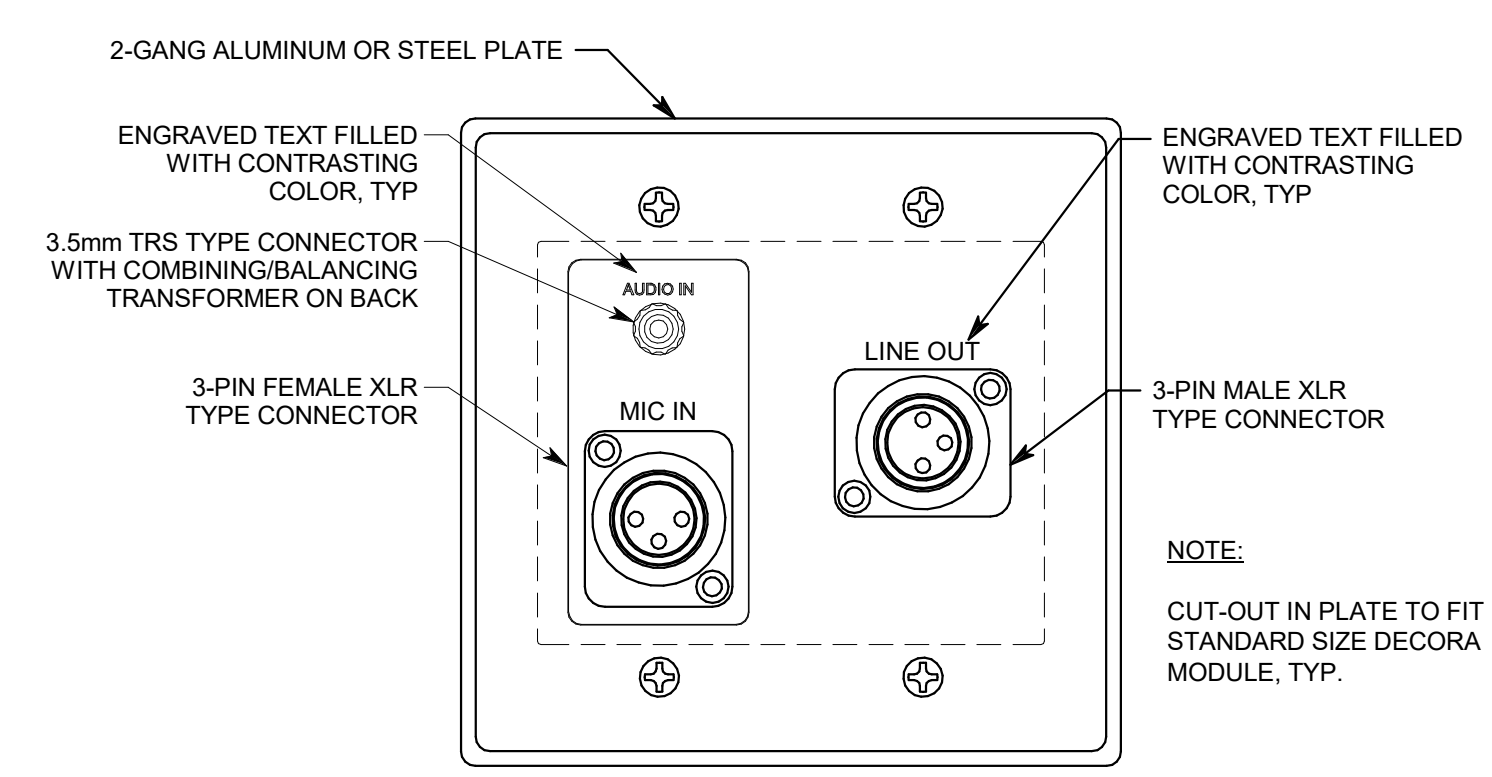
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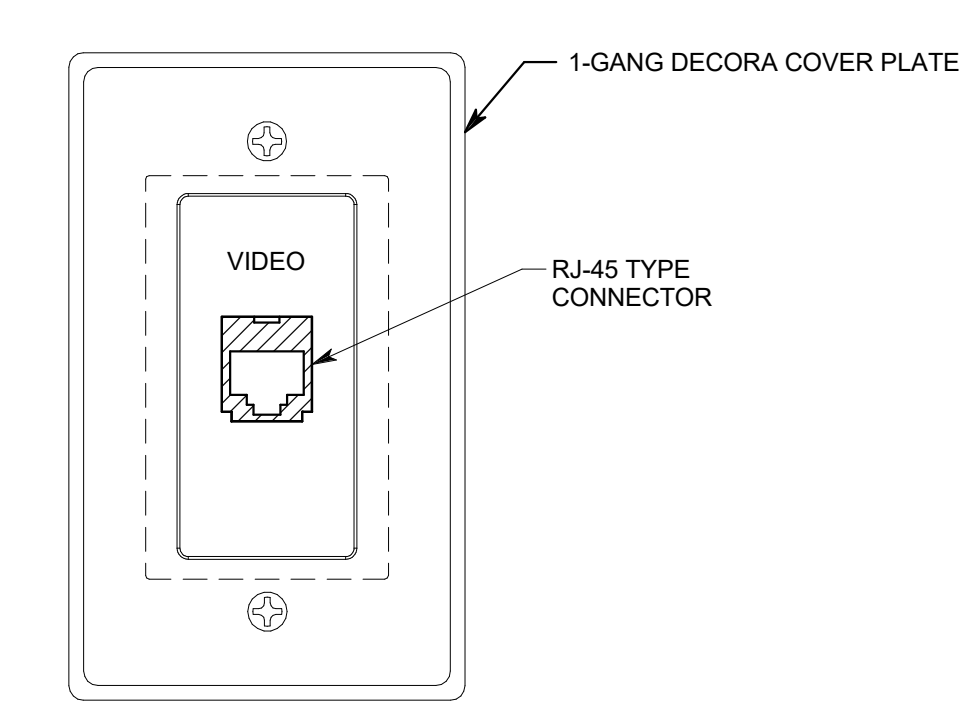
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BID SET

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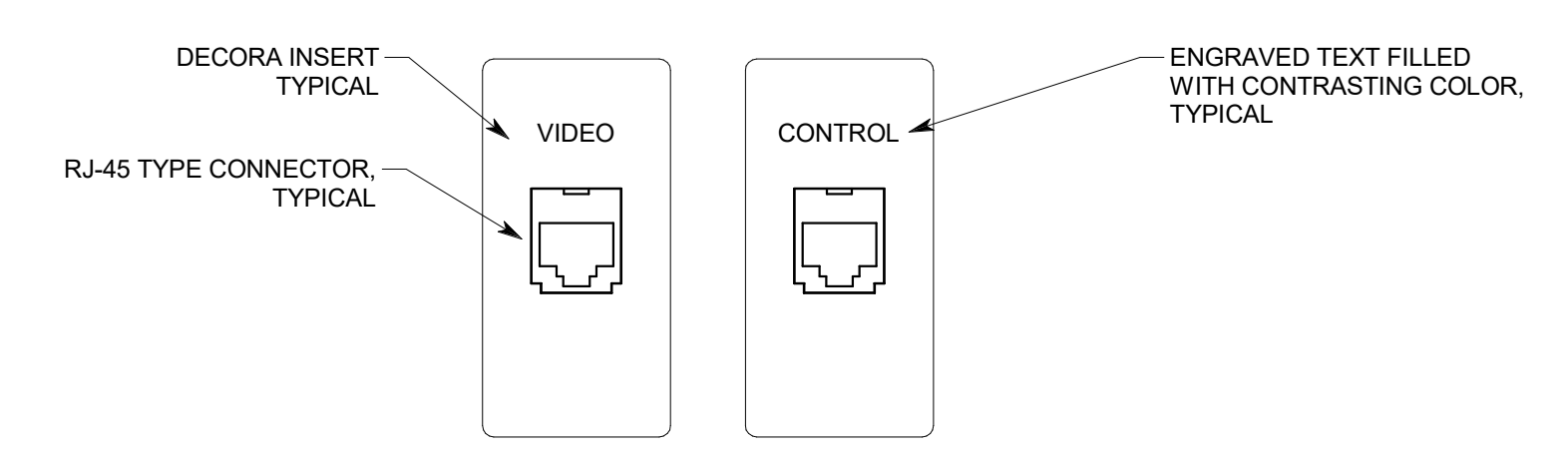
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C5 CONNECTION PANEL #2 DETAIL
NTS



B5 CONNECTION PANEL #1 DETAIL
NTS

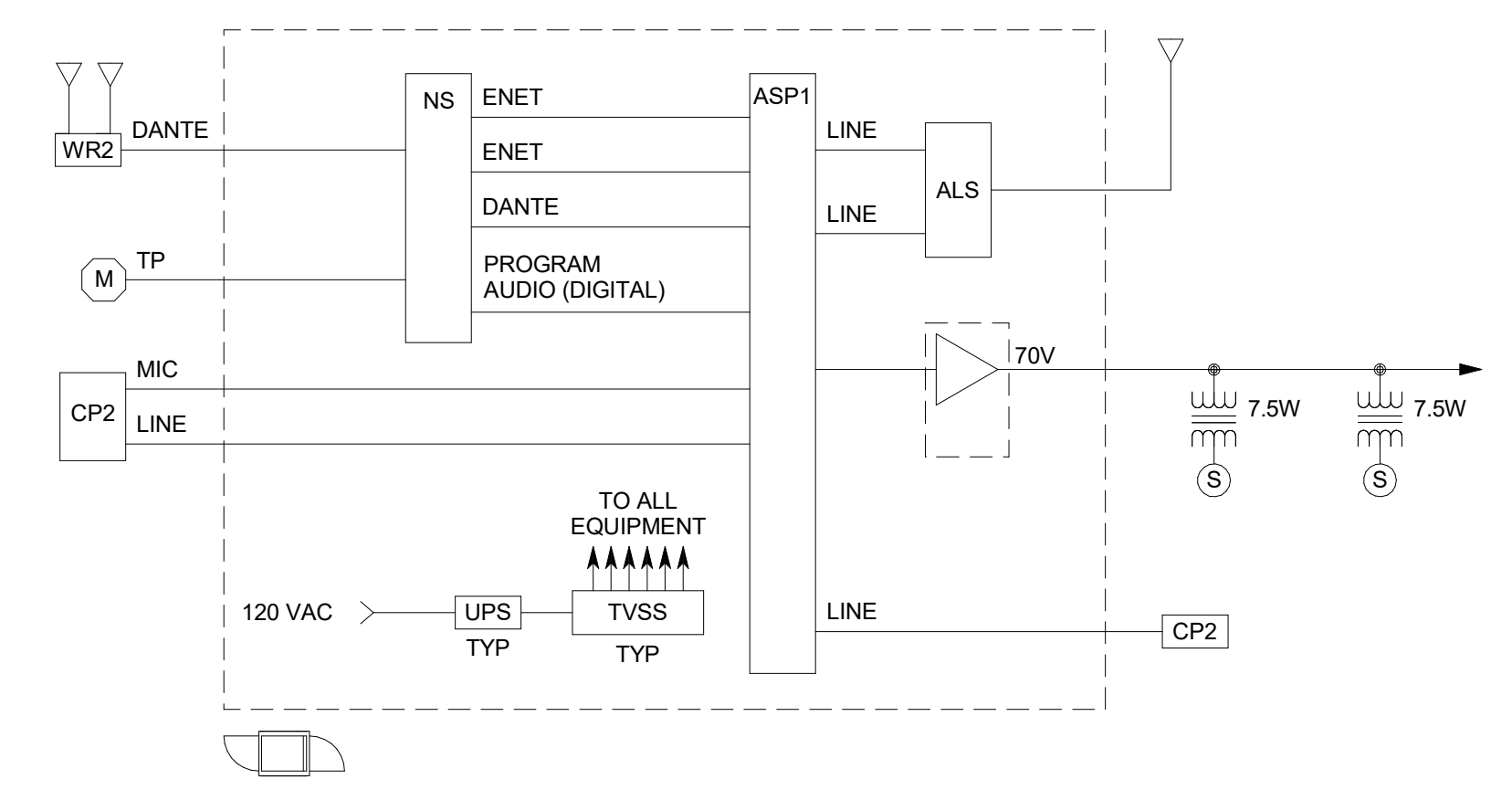


A5 CONNECTION PANEL PTAV DETAIL
NTS

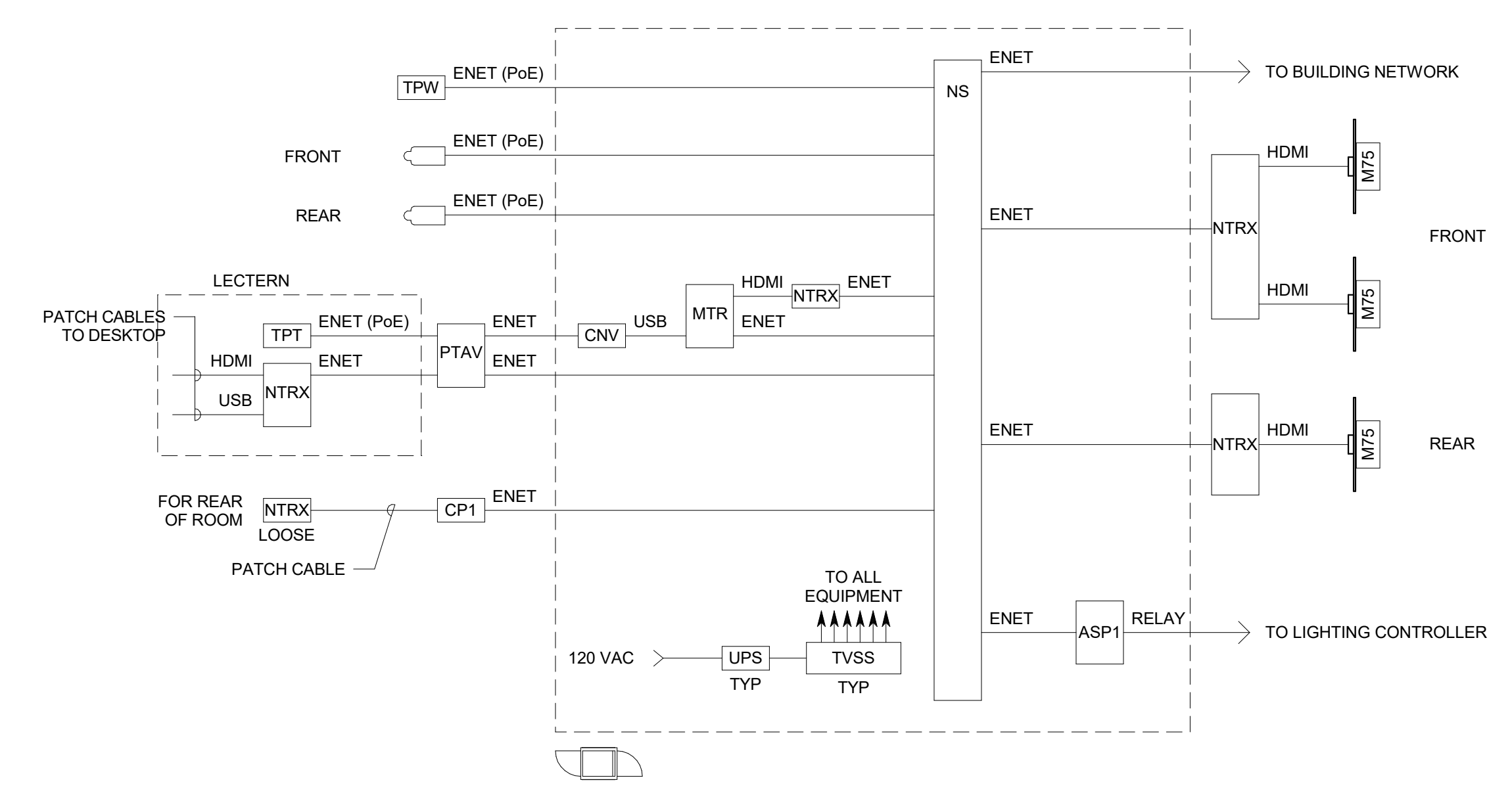
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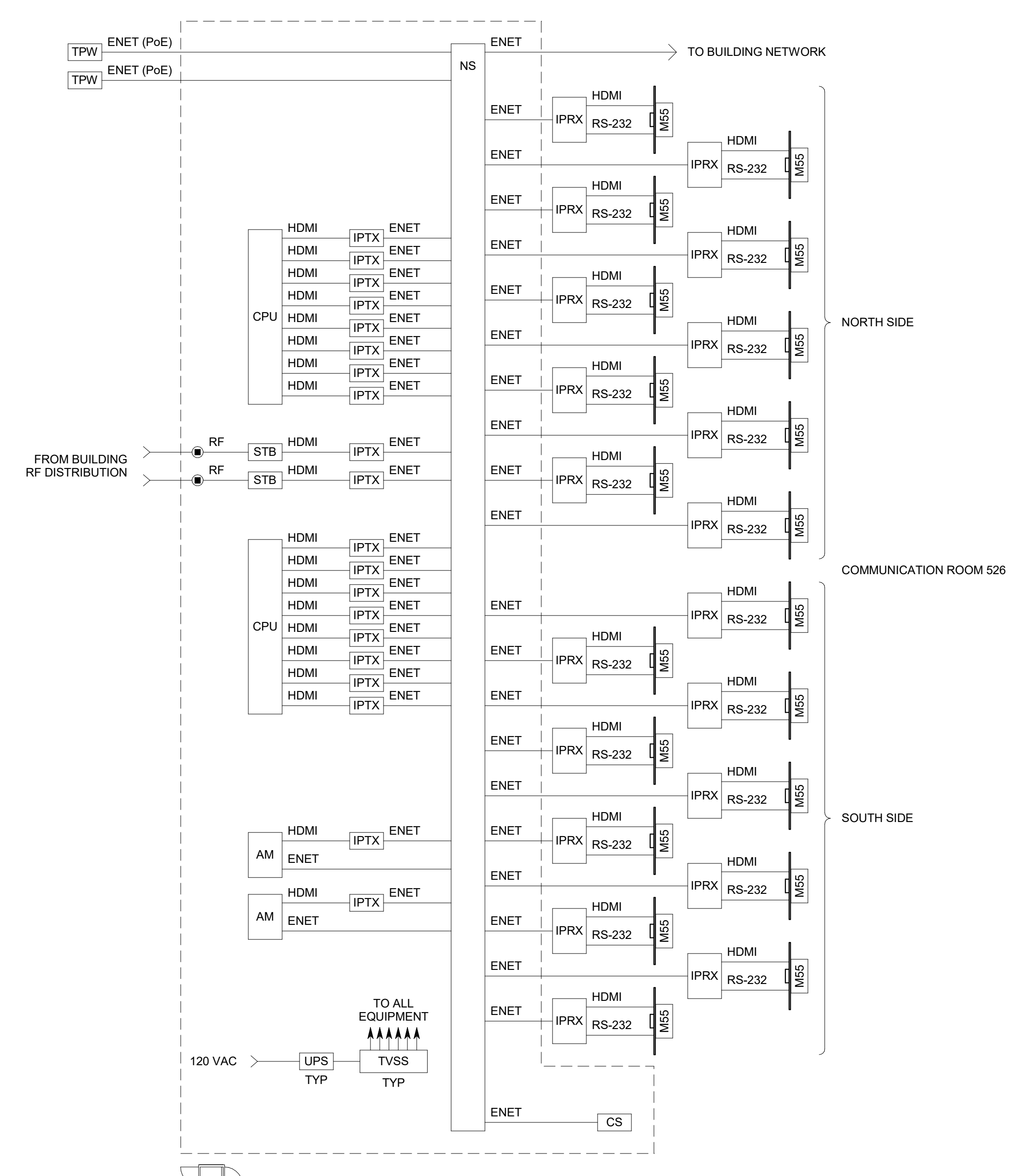
CLASSIC AIR - VCT 5TH FLOOR REMODEL
INTERMOUNTAIN HEALTHCARE
VALLEY CENTER TOWER - 5373 SOUTH GREEN STREET
MURRAY, UTAH
BID SET



D4
TRAINING ROOM
AUDIO RISER DIAGRAM
NO SCALE - ROOM 522



A4
TRAINING ROOM
VIDEO/CONTROL RISER DIAGRAM
NO SCALE - ROOM 522



A5
CONTROL ROOM 526
VIDEO/CONTROL RISER DIAGRAM
NO SCALE