

Intermountain Health

Intermountain Kidney Services

Ogden Kidney Clinic

1100 Country Hills Drive

Ogden, Utah 84403

Construction Documents

NJRA
ARCHITECTS

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Murray, Utah 84123
801.364.9259
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DESIGN TEAM	
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ELECTRICAL ENGINEER Spectrum Engineers 324 South State Street, Suite 400 Salt Lake City, Utah 84111 Phone: 801.328.5151 Contacts: Project Manager: Carlton Getz Email: Carlton.Getz@speceng.com Project Manager: Matthew Rensner Email: matt.rensner@speceng.com	

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NJRA Project # 23244.00
Construction Documents Oct 8, 2024

Cover Sheet

G001

10/8/2024 11:22:10 AM

INTERIM LIFE SAFETY MEASURES

IMPLEMENTATION OF INTERIM LIFE SAFETY MEASURES (ILSM) IS REQUIRED IN OR ADJACENT TO ALL CONSTRUCTION AREAS AND THROUGHOUT BUILDINGS WITH EXISTING LSC DEFICIENCIES. ILSM APPLY TO ALL PERSONNEL, INCLUDING CONSTRUCTION WORKERS, MUST BE IMPLEMENTED UPON PROJECT DEVELOPMENT, AND CONTINUOUSLY ENFORCED THROUGHOUT PROJECT COMPLETION. ILSM ARE INTENDED TO PROVIDE A LEVEL OF LIFE SAFETY COMPARABLE TO THAT DESCRIBED IN CHAPTERS 1 THROUGH 7, 31, AND THE APPLICABLE OCCUPANCY CHAPTERS OF THE LSC. EACH ILSM ACTION MUST BE DOCUMENTED THROUGH WRITTEN POLICIES AND PROCEDURES. EXCEPT AS STATED BELOW, FREQUENCIES FOR INSPECTION, TESTING, TRAINING, AND ILSM CONSIST OF THE FOLLOWING ACTIONS:

- ENSURING EXITS PROVIDE FREE AND UNOBSTRUCTED EGRESS. PERSONNEL SHALL RECEIVE TRAINING IF ALTERNATIVE EXITS MUST BE DESIGNATED. BUILDINGS OR AREAS UNDER CONSTRUCTION MUST MAINTAIN ESCAPE FACILITIES FOR CONSTRUCTION WORKERS AT ALL TIMES. MEANS OF EGRESS IN CONSTRUCTION AREAS MUST BE INSPECTED DAILY.
- ENSURING FREE AND UNOBSTRUCTED ACCESS TO EMERGENCY DEPARTMENTS/ SERVICES AND FOR EMERGENCY FORCES.
- ENSURE FIRE ALARM, DETECTION, AND SUPPRESSION SYSTEMS ARE NOT IMPAIRED. A TEMPORARY, BUT EQUIVALENT, SYSTEM SHALL BE PROVIDED WHEN ANY FIRE SYSTEM IS IMPAIRED. TEMPORARY SYSTEMS MUST BE INSPECTED AND TESTED MONTHLY.
- ENSURING TEMPORARY CONSTRUCTION PARTITIONS ARE SMOKE TIGHT AND BUILT OF NONCOM OR LIMITED COMBUSTIBLE MATERIALS THAT WILL NOT CONTRIBUTE TO THE DEVELOPMENT OR SPREAD OF FIRE.
- PROVIDING ADDITIONAL FIRE-FIGHTING EQUIPMENT AND USE TRAINING OF PERSONNEL.
- PROHIBITING SMOKING IN ACCORDANCE WITH MA.1.3.1.5 AND IN OR ADJACENT TO ALL CONSTRUCTION AREAS.
- DEVELOPING AND ENFORCING STORAGE, HOUSEKEEPING, AND DEBRIS REMOVAL PRACTICES THAT REDUCE THE FLAMMABLE AND COMBUSTIBLE FIRE LOAD OF THE BUILDING TO THE LOWEST LEVEL NECESSARY FOR DAILY OPERATIONS.
- CONDUCTING A MINIMUM OF TWO FIRE DRILLS PER SHIFT PER QUARTER.
- INCREASING HAZARD SURVEILLANCE OF BUILDINGS, GROUNDS, AND EQUIPMENT WITH SPECIAL ATTENTION TO EXCAVATIONS, CONSTRUCTION AREAS CONSTRUCTION STORAGE, AND FIELD OFFICES.
- TRAINING PERSONNEL WHEN STRUCTURAL OR COMPARTMENT FEATURES OF FIRE SAFETY ARE COMPROMISED.
- CONDUCTING ORGANIZATION WIDE SAFETY EDUCATION PROGRAMS TO ENSURE AWARENESS OF ANY LSC DEFICIENCIES, CONSTRUCTION HAZARDS, AND THESE ILSM.

INFECTION CONTROL RISK ASSESSMENT

CONSTRUCTION ACTIVITY TYPE

Major demolition or construction that creates major disruption, i.e. noise, dust, vibration, odor, or mechanical systems includes, but not limited to:

- heavy demolition or removal of a complete cabling system
- new construction or buildout of shelled space

INFECTION CONTROL RISK GROUP

Highest.

CONSTRUCTION CLASS

Construction Activity Type:

IC Risk Group	Type A	Type B	Type C	Type D
Lowest	Class I	Class II	Class III	Class IV
Medium	Class I	Class II	Class III	Class IV
High	Class I	Class II	Class III	Class IV
Highest	Class II	Class IV	Class IV	Class IV

INFECTION CONTROL PROTOCOLS

During Construction (Class IV):

- Perform work using methods to minimize raising dust or tracking dust into other areas.
- Immediately replace ceiling tile upon completion of inspection.
- Use active dust control measures.
- Use water mist to control dust while cutting.
- Seal doors, ducts, vents and HVAC units.
- Place dust control mats at entries to work area; keep them clean and effective.
- Remove debris only in tightly covered containers.
- Construct barriers to prevent dust and other contaminant migration prior to beginning work.
- Maintain negative air pressure in work space using HEPA filtration units.
- Seal all pipes, conduits and penetrations.
- Construct and use anteroom for all entry to work area; HEPA vacuum all personnel, or have them change clothing before they leave the work area.
- All personnel wear shoe covers while in the work area and remove them before entering the hospital.

Upon Completion (Class IV):

- Clean work area.
- Wipe all horizontal surfaces with disinfectant.
- Remove final debris only in tightly covered containers.
- Vacuum using HEPA filtered vacuum; mop with disinfectant as appropriate.
- Remove all seals from doors, ducts, vents and HVAC units.
- Remove construction barriers in a manner that minimizes the spread of dust and debris.

PROJECT DESCRIPTION

THIS PROJECT INCLUDES THE FOLLOWING SCOPE OF WORK:

- REMODEL OF EXISTING SPACE ON LEVEL 1 OF THE COMMERCE BUILDING IN OGDEN, UTAH, FOR AN OUT-PATIENT KIDNEY CLINIC WITH EIGHT EXAM ROOMS, FOUR PHYSICIAN OFFICES, WAITING, RECEPTION, STAFF SUPPORT AREAS, AND ASSOCIATED SPACES.
- REMODEL AREA: 4,220 SF

VICINITY MAP



ABBREVIATIONS

& AND @ AT Ø DIAMETER (E), EXIST. EXISTING (N) NEW d PENNY # POUND OR NUMBER	A AC. ACOUSTIC ADD ADDENDUM A/C AIR CONDITIONING ALT. ALTERNATE AL ALUMINUM A.B. ANCHOR BOLT ARCH ARCHITECT(URAL) ASP. ASPHALT	B BSMT. BASEMENT B.M. BENCHMARK BKG. BLOCKING BD. BOARD B.O. BOTTOM OF BLDG. BUILDING	C CABT. CABINET C.J.P. CAST IN PLACE C.B. CATCH BASIN C.L.G. CEILING C.L. CENTER LINE C.T. CERAMIC TILE CH CHANNEL C.O. CLEAN OUT CLR. CLEAR CL. CLOSET COL. COLUMN CONC. CONCRETE CMU CONCRETE MASONRY UNIT COND. CONDITION CONN. CONNECTION CONST. CONSTRUCTION CONT CONTINUOUS C.J CONTROL JOINT	D D.P. DAMP PROOFING D.B. DECK BEARING DIA. DIAGONAL DIA. DIAMETER DIM. DIMENSION DISP. DISPENSER	DWL. DOWEL DN. DOWN D.S. DRAINAGE WASTE VENT D.W.V. DRAINAGE WASTE VENT DWG. DRAWING	E EA. EACH E.W.C. ELEC. WATER COOLER EL./ELEC. ELECTRIC ELEV. ELEVATION EQ. EQUAL EQUIP. EQUIPMENT EXH. EXHAUST EXIST. EXISTING E.J. EXPANSION JOINT EXT. EXTERIOR	F FT. FEET F.V./F.V. FIELD VERIFY FIN. FINISHED F.E. FIRE EXTINGUISHER F.E.C. FIRE EXTINGUISHER CABINET FIXT. FIXTURE FL. FLASHING	G GALV. GALVANIZED GA. GAUGE G.C. GENERAL CONTRACTOR G.S.N. GENERAL STRUCTURAL NOTES GL. GLASS GD. GRADE GRLL GRILLE GRD. GROUND GYP. GYPSUM	H HDW. HARDWARE HDWD. HARDWOOD HTR. HEATER HT. HEIGHT H.P. HIGH POINT H.M. HOLLOW METAL HORIZ. HORIZONTAL H.B. HOSE BIB H.W. HOT WATER HR. HOUR	I IN. INCH I.D. INSIDE DIAMETER INSUL. INSULATION	INT. INV. INTERIOR INVERT	J JAN. JANITOR JT. JOINT JST. JOIST	L LAM. LAMINATED LDG. LANDING LAV. LAVATORY LT. LIGHT L.W.C. LIGHT WEIGHT CONCRETE LVR. LOUVER	M M.B. MACHINE BOLT MFR. MANUFACTURER M.O. MASONRY OPENING MATL. MATERIAL MAX. MAXIMUM MECH. MECHANICAL MTL. METAL MIN. MINIMUM MOLDG. MOLDING MULL. MULLION	N N.G. NATURAL GRADE NOM. NOMINAL N/A NOT APPLICABLE N.I.C. NOT IN CONTRACT N.T.S. NOT TO SCALE	O O.C. ON CENTER O.D. OUTSIDE DIAMETER O.R.D. OVERFLOW ROOF DRAIN O.F.S. OVERFLOW SCUPPER O.F.C.I. OWNER FURNISHED, CONTRACTOR INSTALLED O.F.O.I. OWNER FURNISHED, OWNER INSTALLED	P PT. PAINT PTD. PAINTED PR. PAIR PNL. PANEL d PENNY P.L. PLASTIC LAMINATE PL. PLATE PLBG. PLUMBING P.S.I. POUND PER SQUARE INCH	P.S.F. POUNDS PER SQUARE FOOT R RAD. RADIUS REC. RECOMMENDATION REG. REGISTER REQ'D REQUIRED R.A. RETURN AIR REV. REVISION R.D. ROOF DRAIN RFG. ROOFING RM. ROOM RGH. ROUGH RND. ROUND	S SCR. SCREW SECT. SECTION SEL. SELECT SHT. SHEET SIM. SIMILAR SLDG. SLIDING SMOOTH SPEC. SPECIFICATION SPL. SQUARE SQ. SQUARE S.S. STAINLESS STEEL STD. STANDARD STRUC. STRUCTURE S.A. SUPPLY AIR SUSP. SUSPENDED SW.BD. SWITCHBOARD	T TELCO. TELEPHONE COMPANY T.G. TEMPERED GLASS T&G TONGUE & GROOVE T&B TOP & BOTTOM T.O. TOP OF T.O.C. TOP OF CURB T.O.D. TOP OF DECK T.O.P. TOP OF PARAPET TYP. TYPICAL	V.C.P. VITREOUS CLAY PIPE W W.C. WATER CLOSET W.H. WATER HEATER W.R. WATER RESISTANT W.P. WATERPROOF W.W.F. WELDED WIRE FABRIC W.F. WIDE FLANGE R.D. WINDOW WDW. WINDOW W/O WITHOUT WD. WOOD
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DEFERRED SUBMITTALS

THE CONTRACTOR SHALL SUBMIT THE FOLLOWING TO THE BUILDING OFFICIAL FOR REVIEW WITH AN ACCOMPANYING LETTER FROM THE ARCHITECT STATING THAT THE CONTENTS OF THE SUBMITTAL ARE IN CONFORMANCE WITH THE DESIGN. WORK RELATED TO THE DEFERRED SUBMITTAL IS NOT TO COMMENCE UNTIL THE BUILDING OFFICIAL HAS APPROVED THE SUBMITTAL.

- DETAILS AND ENGINEERING CALCULATIONS FOR THE FIRE SPRINKLER AND FIRE DETECTION SYSTEMS, WHICH ARE TO BE DESIGN-BUILD BY THE CONTRACTOR TO COMPLY WITH NFPA 13 AND SHALL INCLUDE:
 - FIRE ALARM PLANS (INCLUDING CO DETECTOR LOCATIONS)
 - AUTOMATIC FIRE SPRINKLER PLANS

SPECIAL INSPECTIONS

DEFINITIONS

- GENERAL: BASIC CONTRACT DEFINITIONS ARE INCLUDED IN THE CONDITIONS OF THE CONTRACT.
- "APPROVED": WHEN USED TO CONVEY ARCHITECT'S ACTION ON CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, "APPROVED" IS LIMITED TO ARCHITECT'S DUTIES AND RESPONSIBILITIES AS STATED IN THE CONDITIONS OF THE CONTRACT.
- "DIRECTED": A COMMAND OR INSTRUCTION BY ARCHITECT. OTHER TERMS INCLUDING "REQUESTED," "AUTHORIZED," "SELECTED," "REQUIRED," AND "PERMITTED" HAVE THE SAME MEANING AS "DIRECTED."
- "INDICATED": REQUIREMENTS EXPRESSED BY GRAPHIC REPRESENTATIONS OR IN WRITTEN FORM ON DRAWINGS, IN SPECIFICATIONS, AND IN OTHER CONTRACT DOCUMENTS. OTHER TERMS INCLUDING "SHOWN," "NOTED," "SCHEDULED," AND "SPECIFIED" HAVE THE SAME MEANING AS "INDICATED."
- "REGULATIONS": LAWS, ORDINANCES, STATUTES, AND LAWFUL ORDERS ISSUED BY AUTHORITIES HAVING JURISDICTION, AND RULES, CONVENTIONS, AND AGREEMENTS WITHIN THE CONSTRUCTION INDUSTRY THAT CONTROL PERFORMANCE OF THE WORK.
- "TURNISH": SUPPLY AND DELIVER TO PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS.
- "INSTALL": UNLOAD, TEMPORARILY STORE, UNPACK, ASSEMBLE, ERECT, PLACE, ANCHOR, APPLY, WORK TO DIMENSION, FINISH, CURE, PROTECT, CLEAN, AND SIMILAR OPERATIONS AT PROJECT SITE.
- "PROVIDE": FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE.
- "PROJECT SITE": SPACE AVAILABLE FOR PERFORMING CONSTRUCTION ACTIVITIES. THE EXTENT OF PROJECT SITE IS SHOWN ON DRAWINGS AND MAY OR MAY NOT BE IDENTICAL WITH THE DESCRIPTION OF THE LAND ON WHICH PROJECT IS TO BE BUILT.

DRAWING INDEX

GENERAL

G001	Cover Sheet
G002	General Information
G003	General Information
G004	American National Standard Institute Requirements
G005	General Legend & Notes

G111	Code Compliance Plan Level 1 - Overall
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ARCHITECTURAL

A110	Demolition Slab Plan Level 1
A111	Demolition Floor Plan Level 1
A112	Demolition Ceiling Plan Level 1
A113	Floor Plan Level 1
A114	Dimension Floor Plan Level 1
A116	Reflected Ceiling Plan Level 1
A117	Finish Plan Level 1
A118	Existing Floor Plan Level 2
A119	Existing Floor Plan Level 3
A120	Existing Roof Plan

A251	Interior Elevations
A252	Interior Elevations
A253	Interior Elevations

A401	Enlarged Views
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A501A	Wall Types
A502A	Wall Details
A502B	Wall Details
A503A	Ceiling Details
A504A	Door & Window Details
A505A	Cabinet Legend & Details
A505B	Cabinet Details
A505C	Cabinet Details
A506A	Details

A601A	Door Schedule
A603A	Finish Schedule & Details

MECHANICAL

M000	Mechanical Title Sheet
M001	Mechanical General Notes
M011	Level 1 Thermal Zone Plan

MD101	Level 1 Mechanical Demolition Plan
MD111	Level 1 Mechanical Piping Demolition Plan

M101	Level 1 HVAC Plan
M102	Level 2 HVAC Plan
M103	Level 3 HVAC Plan
M104	Roof HVAC Plan
M111	Level 1 Mechanical Piping Plan
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M601	Mechanical Schedules

PLUMBING

P100	Underfloor Plumbing Plan
P101	Level 1 Plumbing Plan
P601	Plumbing Schedule

FIRE PROTECTION

FD101	Level 1 Fire Protection Demolition Plan
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F101	Level 1 Fire Protection Plan
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ELECTRICAL

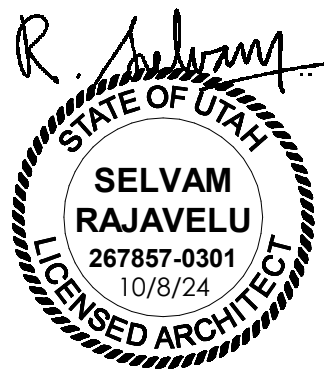
EE001	Electrical Cover Sheet
EE002	Telecom Schedules and Notes
EE003	Auxiliary Schedules and Notes
EE101	Overall Electrical Plans
EE102	Overall Electrical Plans
EE501	Electrical Details
EE701	Typical Mounting Details
EE702	Typical Labeling Details

ED101	Level 1 Electrical Demolition Plan
ED102	Level 1 Electrical Ceiling Demolition Plan
EP101	Level 1 Power Plan
EP201	Level 1 Electrical Raceway Plan
EP450	Enlarged Telecom Plans
EP550	Telecom Equipment Rack Elevations
EP551	Telecom Details
EP552	Telecom Details
EP553	Telecom Cable Tray Details
EP554	Telecom Equipment Rack Grounding Detail
EP601	Partial One-Line Diagram
EP602	Equipment Schedule
EP603	Panel Schedules
EP604	Panel Schedules
EP650	Telecom Riser Diagrams

EL101	Level 1 Lighting Plan
EL601	Interior Lighting Fixture Schedule
EY101	Level 1 Auxiliary Plan
EY551	Auxiliary Details
EY601	Fire Alarm Riser Diagrams
EY650	Access Control Riser Diagrams
EY651	CCTV Riser Diagrams
EY652	Nurse Call Diagrams
EY701	Camera FOVs



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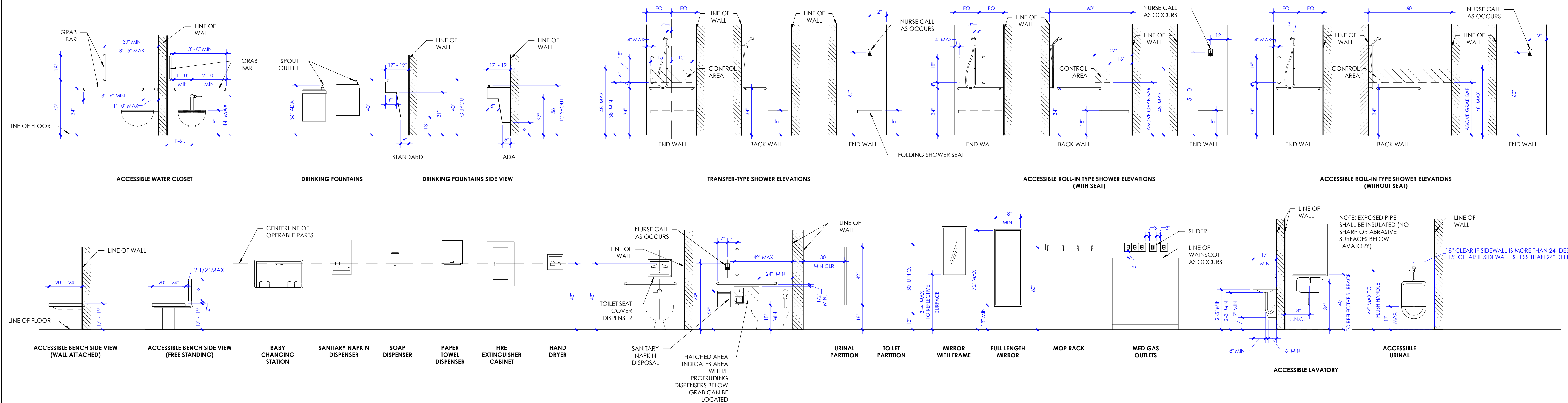
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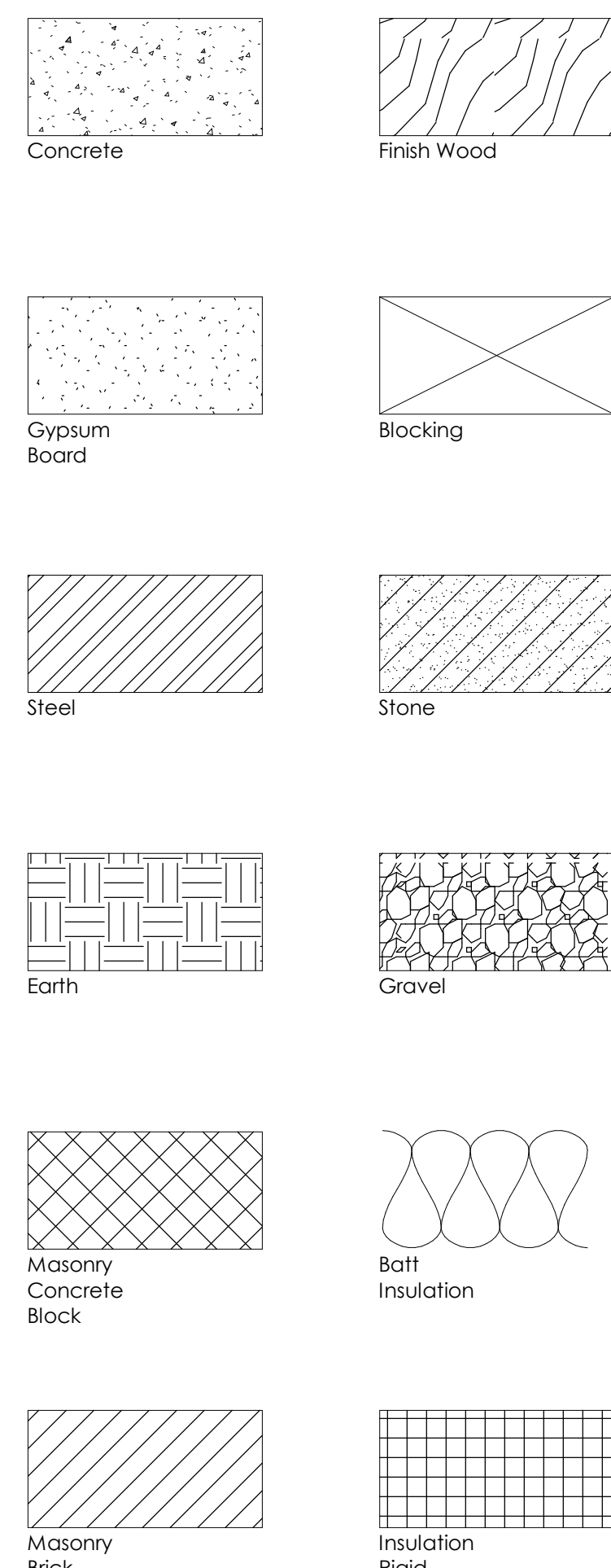
General
Information

G002



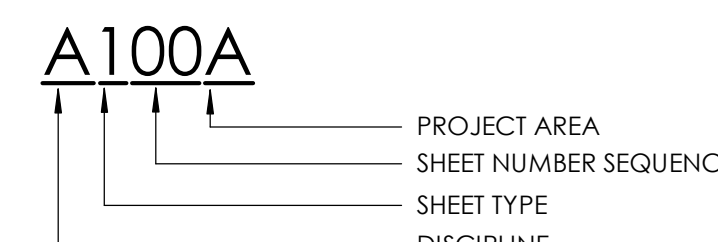
LEGEND - MATERIALS

HATCH PATTERN BELOW INDICATES REPRESENTATION OF BUILDING MATERIALS IN BUILDING SECTIONS, WALL SECTIONS AND DETAILS.

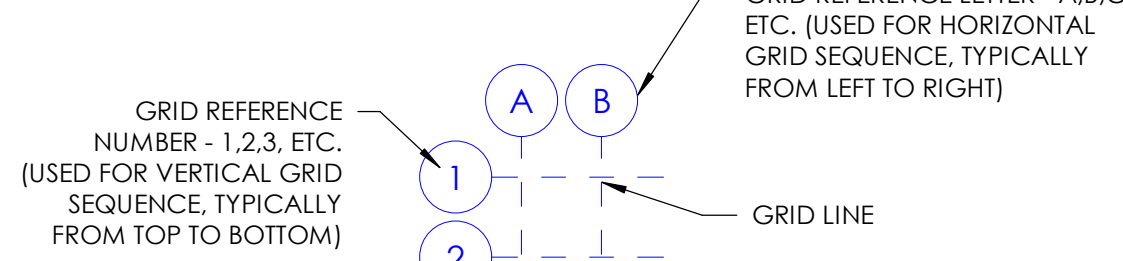


GENERAL INFORMATION SYMBOLS & TAGS

SHEET NUMBERING SYSTEM



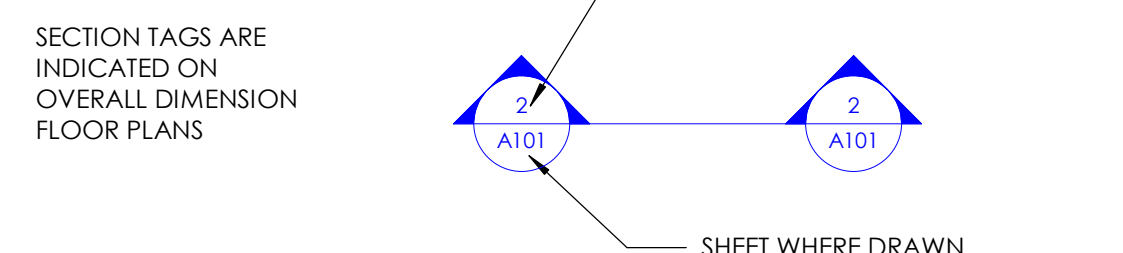
GRID TAG



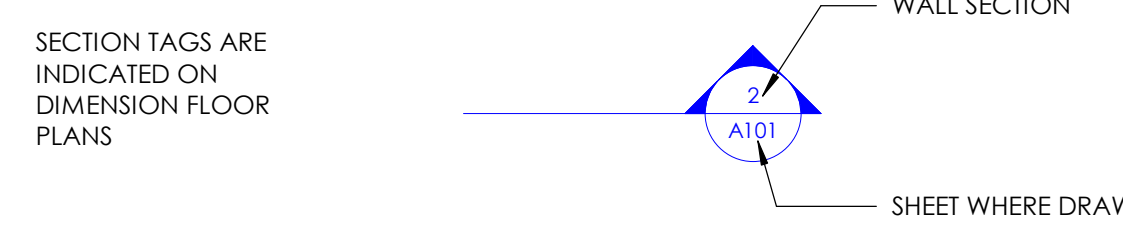
NORTH ARROW



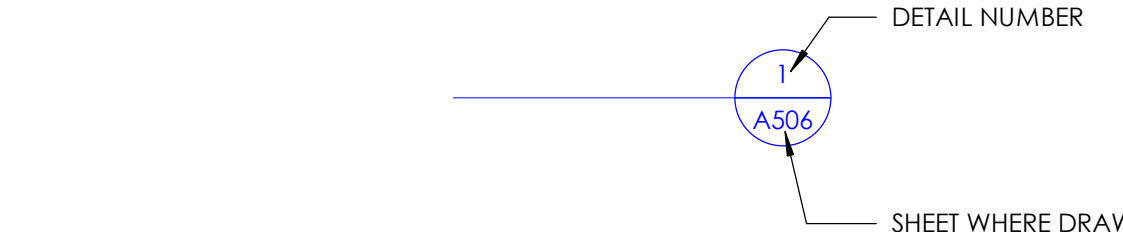
BUILDING SECTIONS



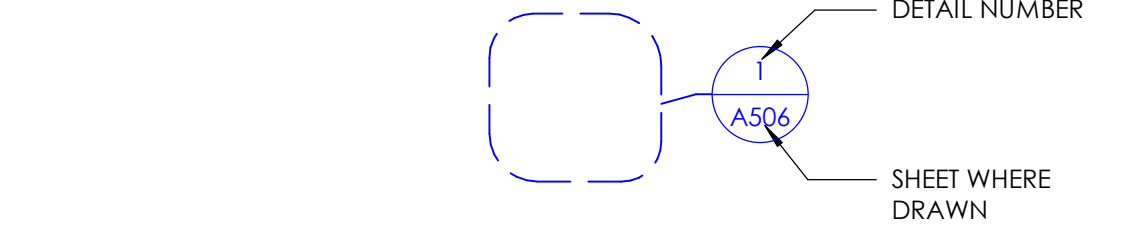
WALL SECTIONS



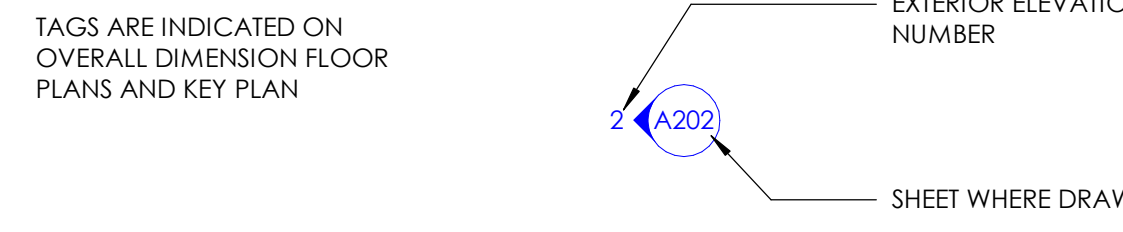
DETAIL TAGS



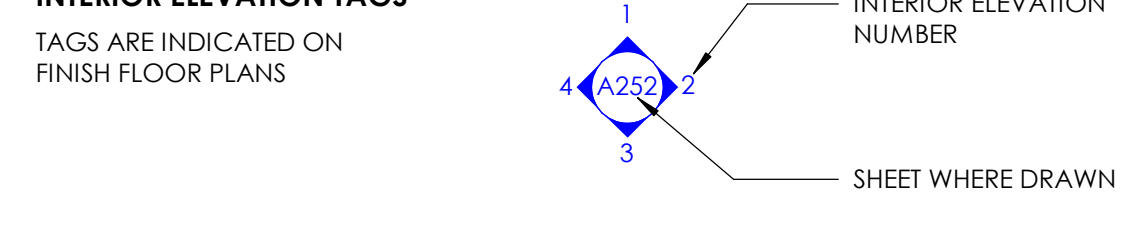
DETAIL TAGS



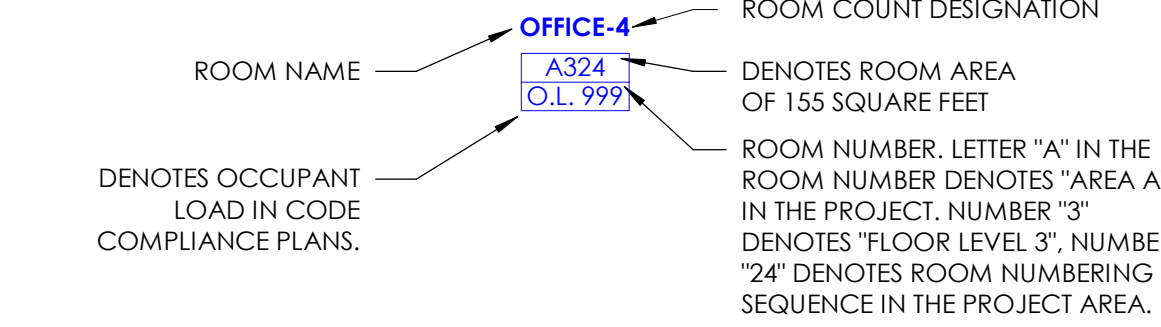
EXTERIOR ELEVATION TAGS



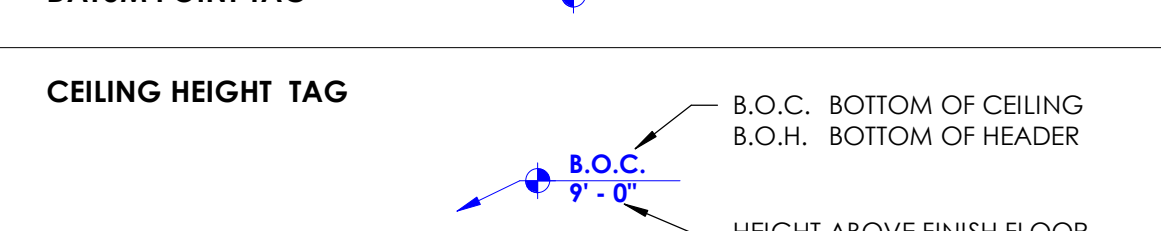
INTERIOR ELEVATION TAGS



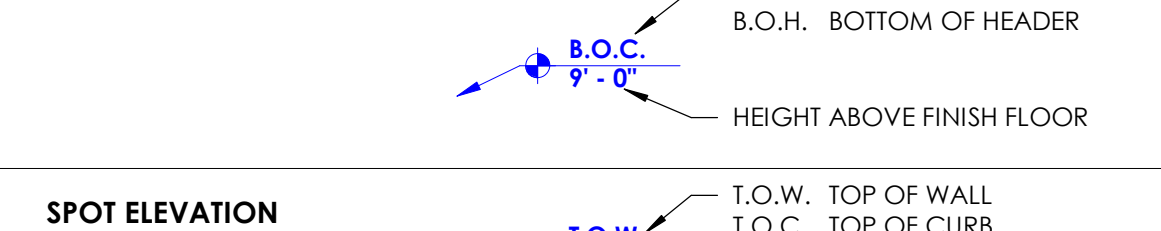
ROOM TAG



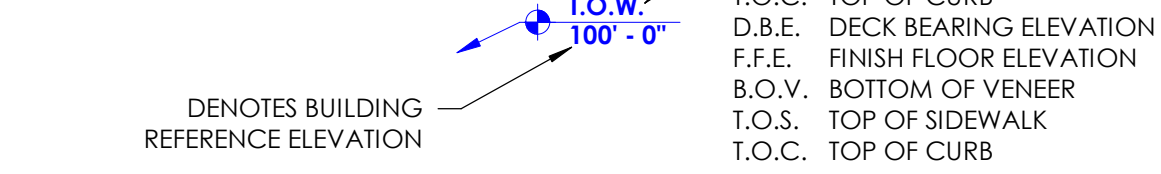
DATUM POINT TAG



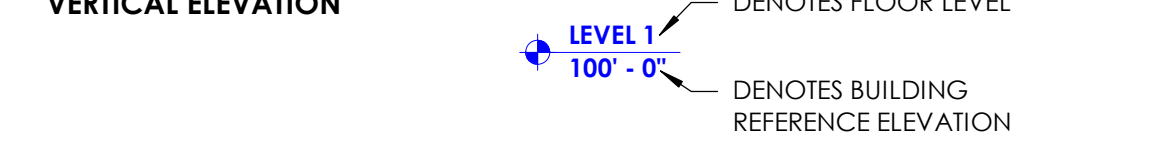
CEILING HEIGHT TAG



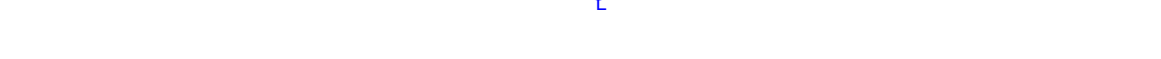
SPOT ELEVATION



VERTICAL ELEVATION



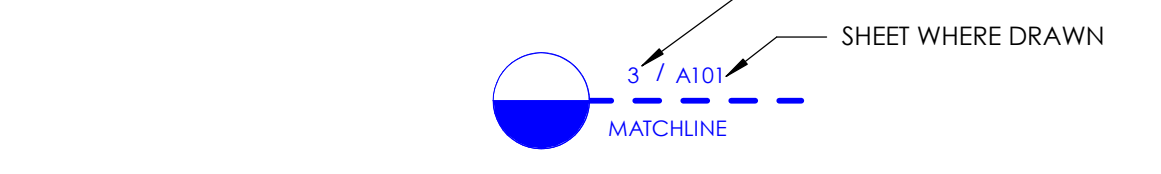
CENTER LINE



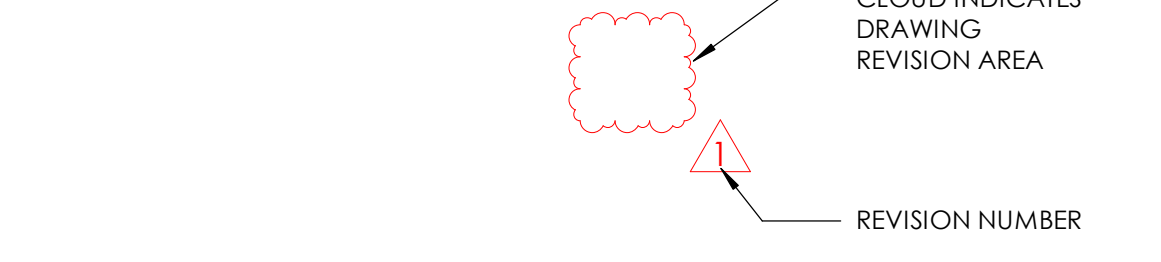
FLOW ARROW



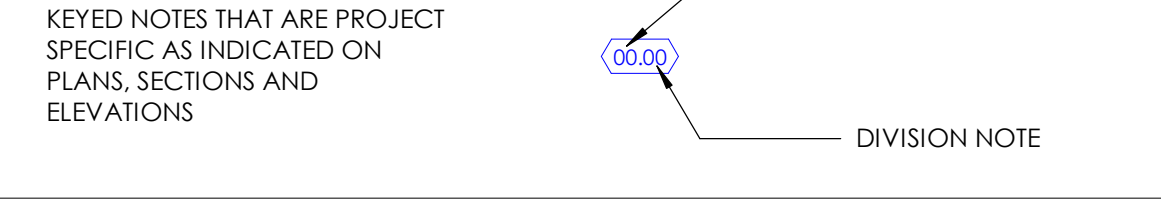
FLOOR PLAN MATCHLINE



REVISION TAG



KEYED NOTES - PROJECT SPECIFIC



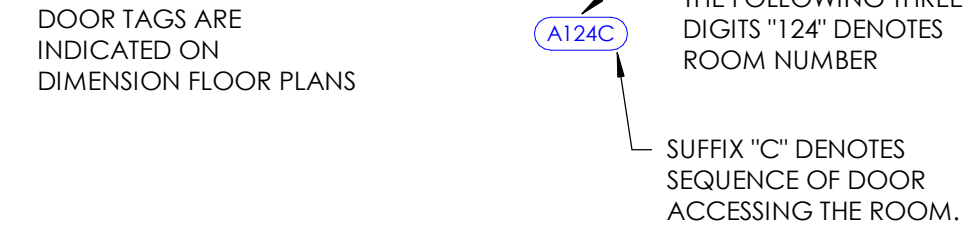
KEYED NOTES - GENERIC



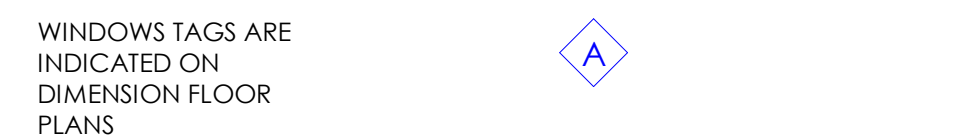
WALL TAG



DOOR TAG



WINDOW TAG



FLOOR FINISH TAG



WALL BASE TAG



WALL FINISH TAG



CEILING FINISH TAG



OTHER FINISH TAG



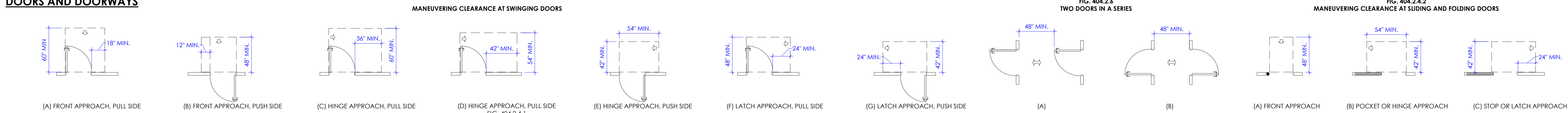
CABINET TAG



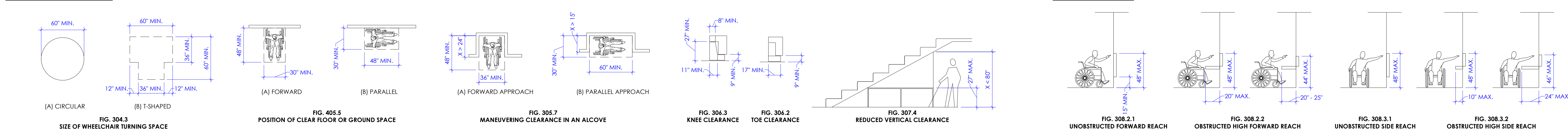
SIGN TAG



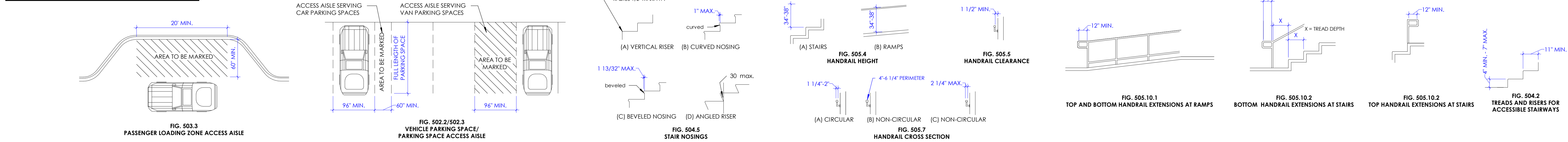
DOORS AND DOORWAYS



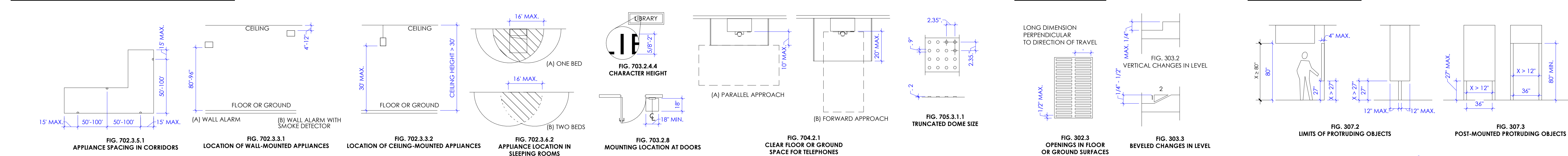
CLEAR FLOOR SPACE



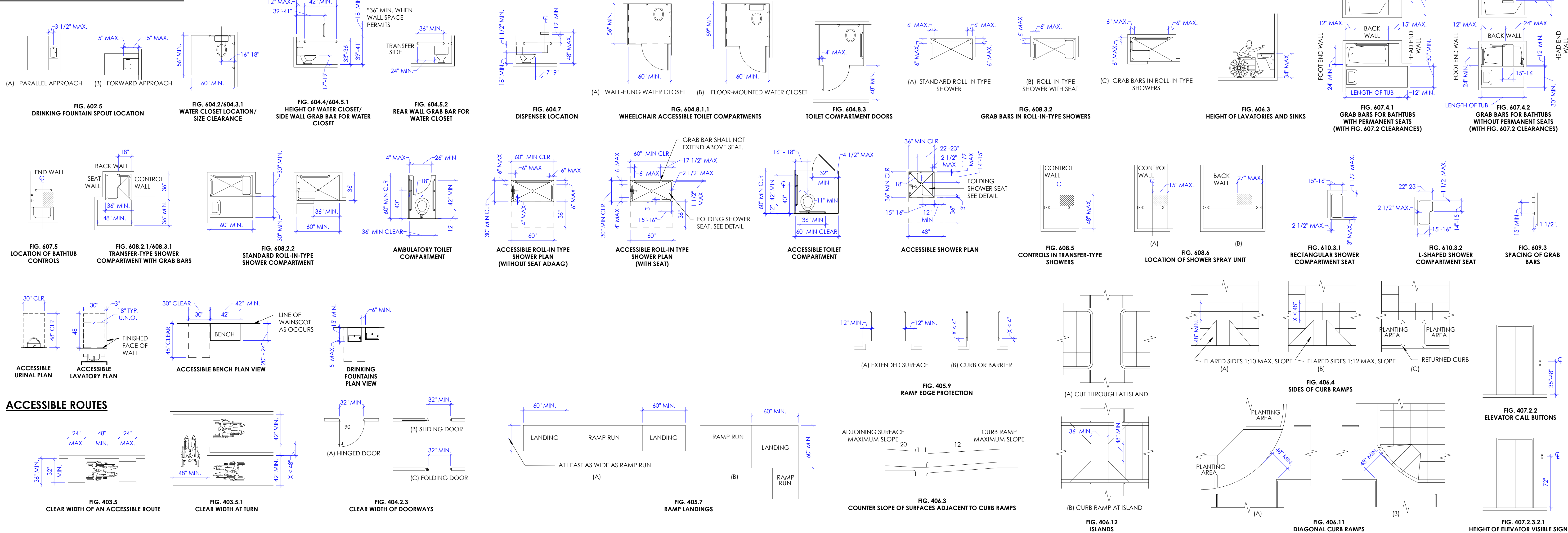
GENERAL SITE AND BUILDING ELEMENTS



COMMUNICATION ELEMENTS AND FEATURES



PLUMBING ELEMENTS AND FACILITIES



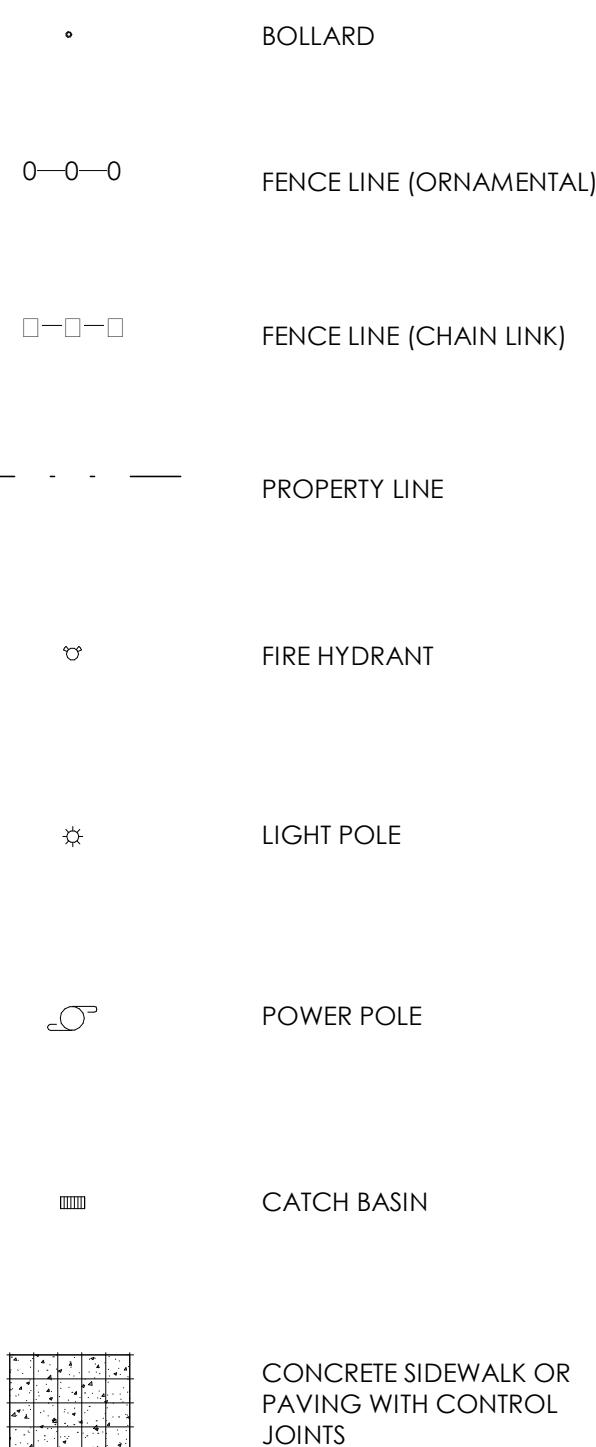
MOCK UP ROOMS

THE FOLLOWING ROOMS TO BE MOCKED UP ON SITE FOR USER REVIEW AND APPROVAL BEFORE PROCEEDING WITH OTHER EXAM ROOMS.

1. EXAM ROOM #2 (ROOM A102)

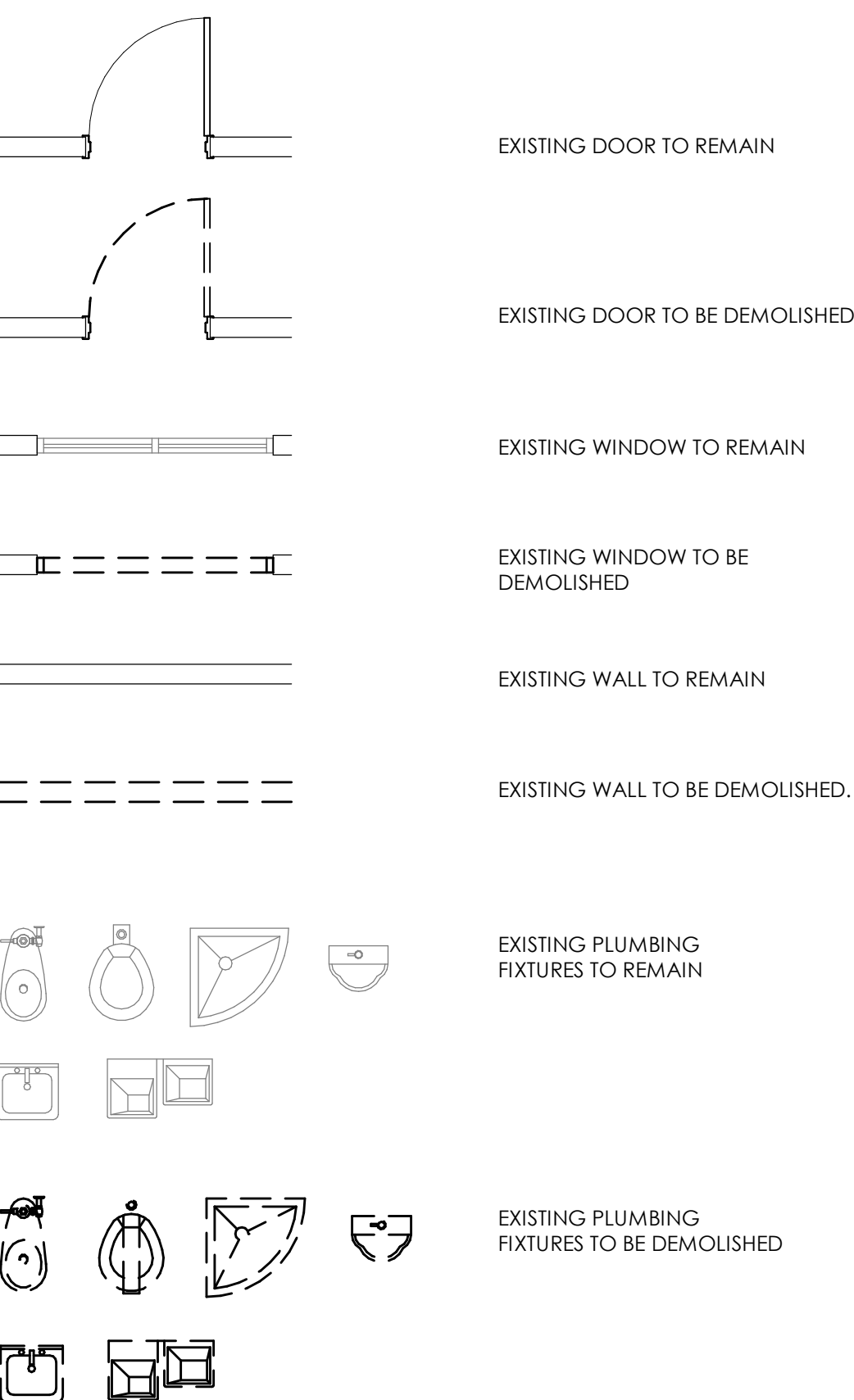
LEGEND - SITE PLAN

SITE COMPONENTS (FENCES, HYDRANTS, SIDEWALKS, ETC) INDICATED BELOW IN THIS LEGEND ARE DRAWN AT 1/16" = 1'-0" SCALE. COMPONENTS SHALL APPEAR HALF THE SIZE (SMALLER) ON PLANS DRAWN AT 1/32" = 1'-0" SCALE.



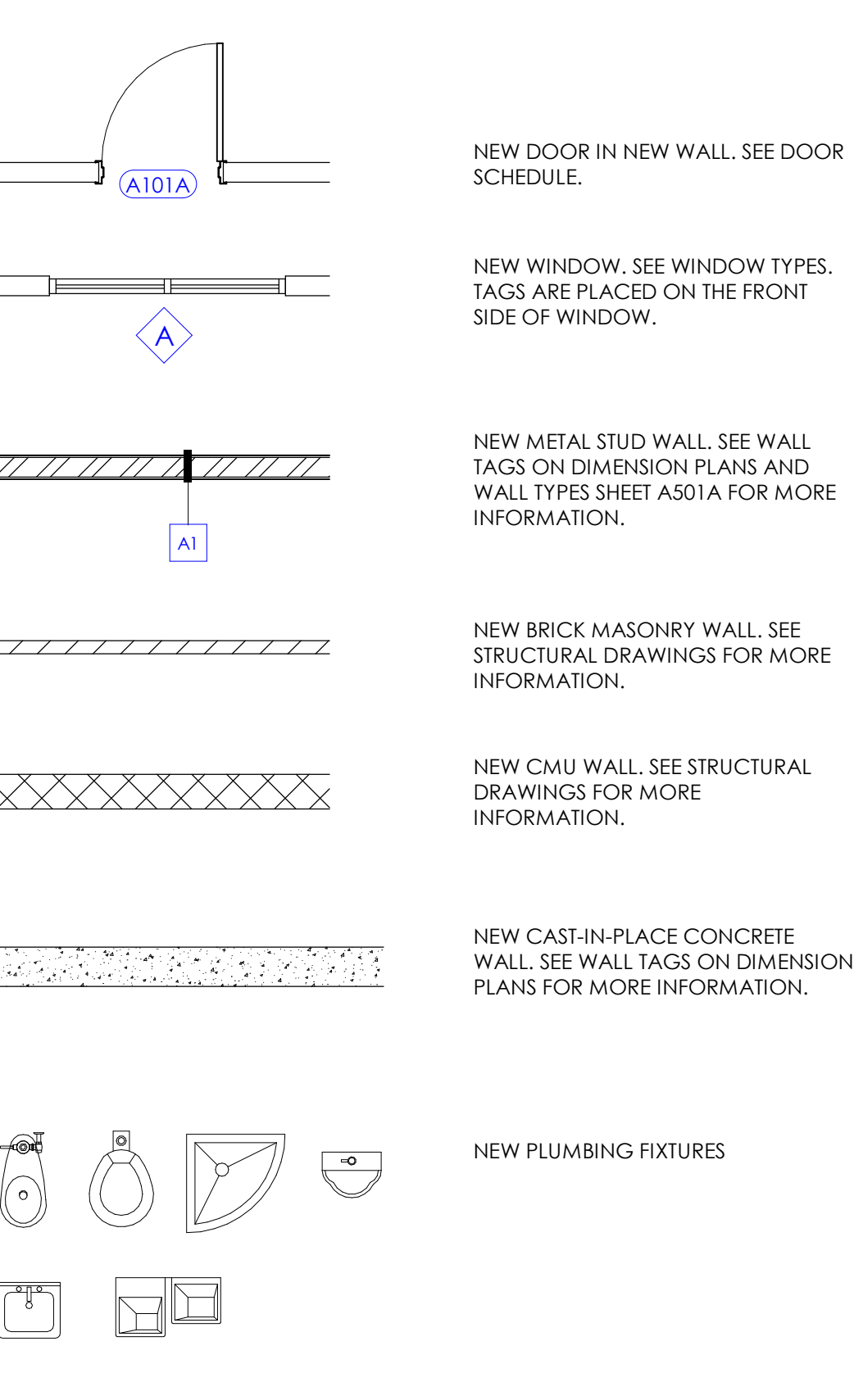
LEGEND - DEMOLITION FLOOR PLAN

BUILDING COMPONENTS (DOORS, WALLS, ETC) INDICATED BELOW IN THIS LEGEND ARE DRAWN AT 1/4" = 1'-0" SCALE. COMPONENTS SHALL APPEAR HALF THE SIZE (SMALLER) ON PLANS DRAWN AT 1/8" = 1'-0" SCALE.



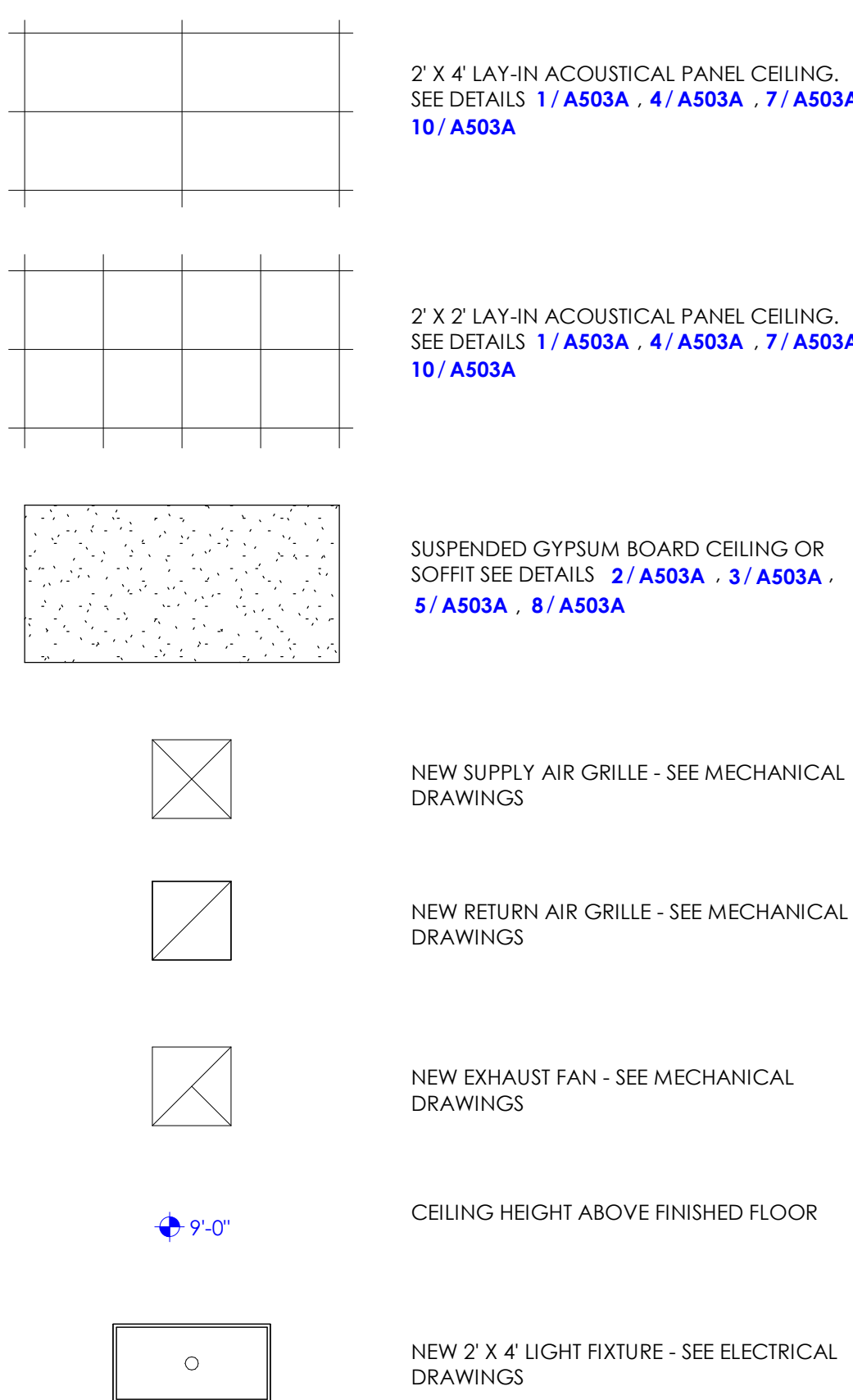
LEGEND - FLOOR & DIMENSION PLANS

BUILDING COMPONENTS (DOORS, WALLS, ETC) INDICATED BELOW IN THIS LEGEND ARE DRAWN AT 1/4" = 1'-0" SCALE. COMPONENTS SHALL APPEAR HALF THE SIZE (SMALLER) ON PLANS DRAWN AT 1/8" = 1'-0" SCALE.



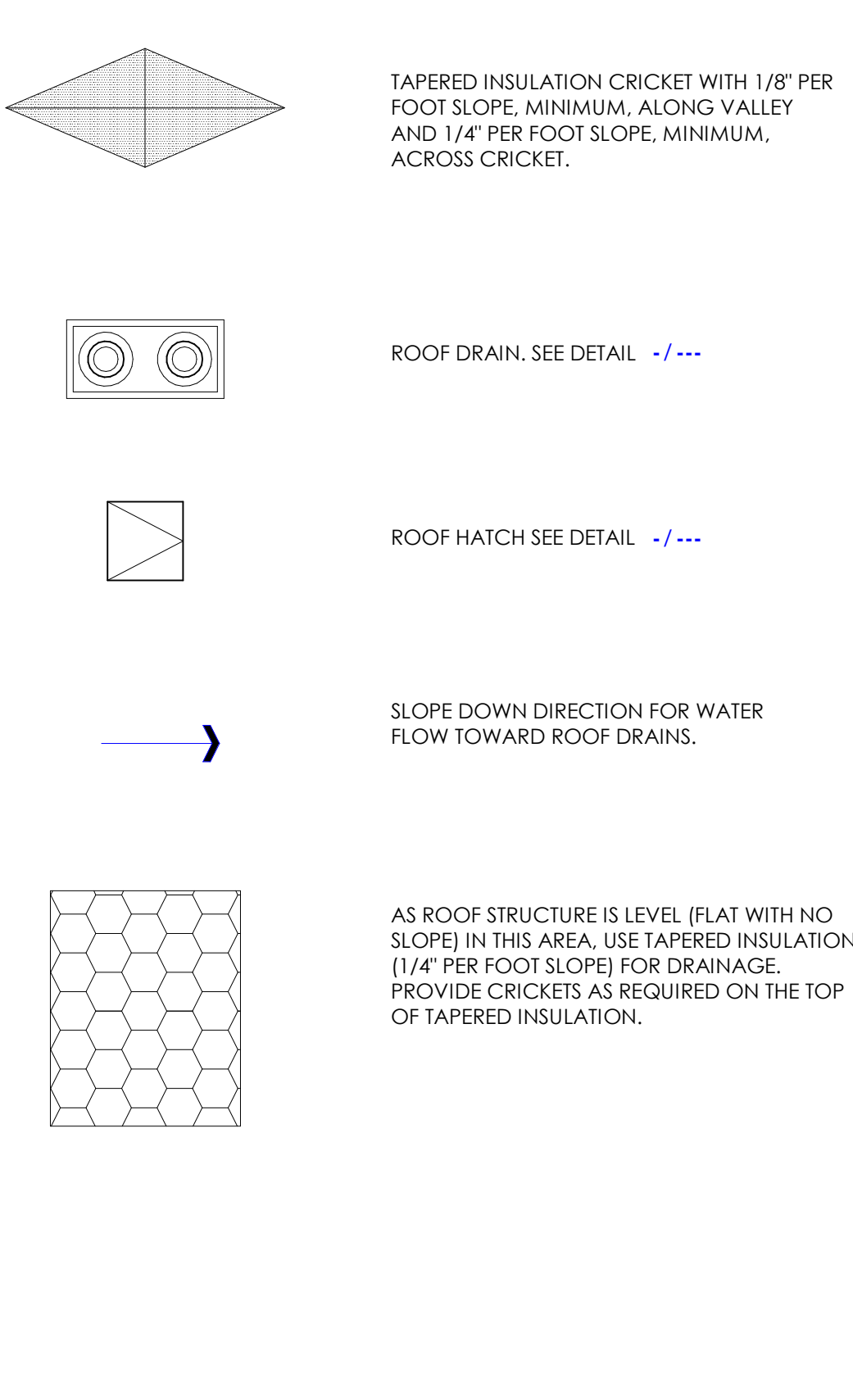
LEGEND - REFLECTED CEILING PLAN

BUILDING COMPONENTS (CEILING, LIGHT FIXTURES, ETC) INDICATED BELOW IN THIS LEGEND ARE DRAWN AT 1/4" = 1'-0" SCALE. COMPONENTS SHALL APPEAR HALF THE SIZE (SMALLER) ON PLANS DRAWN AT 1/8" = 1'-0" SCALE.



LEGEND - ROOF PLAN

BUILDING COMPONENTS (ROOF DRAINS, HATCH, ETC.) ARE DRAWN AT 1/4" = 1'-0". ON PLANS DRAWN AT 1/8" = 1'-0" SCALE. COMPONENTS SHALL APPEAR HALF THIS SIZE.



GENERAL NOTES

- A. STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS (IF PRESENT) ARE SUPPLEMENTAL TO THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CHECK WITH THE ARCHITECTURAL DRAWINGS BEFORE THE INSTALLATION OF MECHANICAL OR ELECTRICAL CONSTRUCTION, ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND CONSULTING ENGINEERS' DRAWINGS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR CLARIFICATION. ANY CONSTRUCTION INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE GENERAL CONTRACTOR AT HIS/HER OWN EXPENSE AND AT NO EXPENSE TO THE OWNER OR ARCHITECT.
- B. ALL WORK SHALL COMPLY WITH THE CURRENT ADA ACCESSIBILITY GUIDELINES (AMERICANS WITH DISABILITIES ACT).
- C. REFER TO THE CODE COMPLIANCE PLAN FOR APPLICABLE CODES GOVERNING THIS WORK. CODE REQUIREMENTS AND REGULATIONS SHALL BE CONSIDERED AS MINIMUM, WHERE THE CONTRACT DOCUMENTS EXCEED (WITHOUT VIOLATING) CODE AND REGULATION REQUIREMENTS, CONTRACT DOCUMENTS SHALL TAKE PRECEDENCE. IF CONFLICT EXIST, THE MORE STRINGENT SHALL APPLY. COMPLY WITH REQUIREMENTS OF THE ADOPTED EDITIONS OF THE INTERNATIONAL CODE COUNCIL CODES, THE CODES AND STANDARDS REFERENCED WITHIN THE ICC CODES AND THE AMERICANS WITH DISABILITIES ACT.
- D. THE CONTRACTOR SHALL PROVIDE ADEQUATE BARRICADES AND PROTECTIVE DEVICES SEPARATING CONSTRUCTION AREAS. TEMPORARY PASSAGES SHALL BE PROVIDED AS REQUIRED, PRIOR TO DELIVERY OF MATERIALS TO CONSTRUCTION ZONE AND REMOVAL OF WASTE FROM SITE. THE CONTRACTOR SHALL CHECK WITH THE OWNER FOR AN ACCEPTABLE ROUTE AND TIME.
- E. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER LOCATION AND SIZE OF OPENINGS FOR ALL TRADES AND SHALL COORDINATE ALL CONSTRUCTION AS INDICATED BY THE CONTRACT DOCUMENTS, INCLUDING SHOP DRAWINGS REVIEWED BY THE ARCHITECT.
- F. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.
- G. FOR ALL REMODEL WORK AS OCCURS, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ALL MEASURES TO ACCOMPLISH THE WORK WITH THE MINIMUM OF INTERRUPTION TO NORMAL BUILDING PROCEDURES. SYSTEM SHUTDOWNS OF HVAC, PLUMBING, ELECTRICAL, AND NOISY CONSTRUCTION INCLUDING ROTO HAMMER, SAW CUTTING, CONCRETE ANCHORS, ETC. SHALL BE COORDINATED WITH THE OWNER AT LEAST 72 HOURS PRIOR TO COMMENCEMENT.
- H. ALL DIMENSIONS ARE SHOWN TO FACE OF GYPSUM BOARD OF NEW CONSTRUCTION OR STRUCTURAL WALL, UNLESS NOTED OTHERWISE.
- I. ALL DRAWINGS, THOUGH NOTED TO SCALE ARE FOR ILLUSTRATION ONLY. THE CONTRACTOR SHALL NOT SCALE DRAWINGS.
- J. WHEN A DETAIL IS IDENTIFIED AS TYPICAL, THE CONTRACTOR IS TO APPLY THIS DETAIL IN ESTIMATING AND CONSTRUCTION TO EVERY LIKE CONDITION WHETHER OR NOT THE REFERENCE IS REPEATED IN EVERY INSTANCE.
- K. DRAWINGS HAVE BEEN DETAILED IN COMPLIANCE WITH U.L. LISTING REQUIREMENTS AND ICBO REPORTS FOR THE MATERIALS SPECIFIED. IF AN ALTERNATE OR SUBSTITUTED MATERIAL IS ACCEPTED AS AN EQUAL BY THE GENERAL CONTRACTOR, HE/SHE WILL ASSUME THE RESPONSIBILITY FOR WHATEVER CONSTRUCTION MODIFICATION AND/OR ADDITIONAL COSTS ARE REQUIRED.
- L. ALL TRASH SHALL BE REMOVED DAILY. BUILDING MATERIALS MAY NOT BE STORED IN THE CORRIDORS AT ANY TIME. BLOCKAGE OF ANY REQUIRED EXIT IS PROHIBITED.
- M. ALL PENETRATIONS INTO SOUND OR FIRE RATED PARTITIONS, FLOORS OR CEILING ASSEMBLIES SHALL BE SEALED WITH APPROVED PERMANENT RESILIENT SEALANT. REFER TO IRC, CURRENT VERSION FOR REQUIREMENTS FOR OPENINGS IN FIRE RATED WALLS. FOR OPENINGS LESS THAN 16 SQUARE INCHES, THE SPACE BETWEEN THE WALL AND ALLOWED PENETRATIONS MUST BE SEALED TO PREVENT THE MOVEMENT OF HOT FLAME OR GASES. ELECTRICAL DEVICES, RECESSED CABINETS, ETC. SHALL BE SEALED, UNED, INSULATED OR OTHERWISE TREATED TO MAINTAIN THE INTEGRITY OF THE ASSEMBLY. SEE PENETRATION DETAILS.
- N. ABBREVIATIONS THROUGHOUT THE PLAN ARE THOSE IN COMMON USE. THE ARCHITECT SHALL DEFINE THE INTENT OF ANY IN QUESTION.
- O. THE CONTRACTOR SHALL VERIFY SIZES AND LOCATIONS OF WATER AND DRAIN INSTALLATIONS AND OTHER REQUIRED SERVICES WITH EQUIPMENT MANUFACTURERS.
- P. MAINTAIN ALL EXISTING SPRAY-APPLIED FIRE PROOFING ON STEEL STRUCTURAL MEMBERS, WHERE EXISTING FIRE PROOFING IS REMOVED FOR INSTALLATION OF NEW BEAMS, UNISTRUTS, ETC. THE CONTRACTOR SHALL PATCH AGAIN WITH EQUIVALENT FIRE PROOFING MATERIAL TO MATCH ADJACENT EXISTING MATERIAL.
- Q. ALL WOOD CANTS, NAILERS, CURBS, ETC. THROUGHOUT JOB SHALL BE FIRE RETARDANT PRESSURE-TREATED, AS PER I.B.C., CURRENT VERSION. SEE RELEVANT DETAILS.
- R. CONTRACTOR SHALL REFER TO THE PROJECT MANUAL FOR A COMPLETE LIST OF GENERAL CONDITIONS, SPECIAL CONDITIONS AND OTHER NOTES.

GENERAL NOTES - DEMOLITION SITE PLAN

- A. GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING SITE AND BUILDING CONDITIONS INCLUDING BUT NOT LIMITED TO UNDERGROUND UTILITIES AND SERVICE LINES, IRRIGATION LINES AND SUB SURFACE STRUCTURES AND ALL OTHER EXISTING CONSTRUCTION BOTH ABOVE AND BELOW GRADE.
- B. GENERAL CONTRACTOR SHALL PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING BOTH DEMOLITION AND NEW CONSTRUCTION WORK AND SHALL REPAIR ANY DAMAGE RESULTING FROM THIS WORK.
- C. CONTRACTOR SHALL INCLUDE IN THEIR BID THE AMOUNT FOR COST ASSOCIATED WITH DEMOLITION, CORE-DRILLING, REMOVAL AND REPLACEMENT OF EXISTING CEILING, WALLS AND FINISHES REQUIRED FOR THE INSTALLATION OF MECHANICAL AND ELECTRICAL ITEMS IN THE EXISTING BUILDING. SEE STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR AREAS WHERE NEW WORK IS REQUIRED AT THE EXISTING BUILDING. ANY EXISTING FINISHES THAT ARE DAMAGED AS A RESULT OF CONSTRUCTION SHALL BE REPAIRED TO PROVIDE A NEW APPEARANCE. BIDS SHALL INCLUDE FIRE-PROOFING AT THE FIRE-RATED WALLS WHICH ARE IDENTIFIED ON CODE COMPLIANCE PLANS.
- D. NOT ALL TREES AND VEGETATION ARE SHOWN ON ARCHITECTURAL SITE PLANS. COORDINATE WITH ARCHITECT IF QUESTIONS ARISE REGARDING DEMOLITION OR PRESERVATION OF EXISTING LANDSCAPING.
- E. EXISTING SITE FENCING THAT IS TO REMAIN SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE THAT OCCURS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTORS EXPENSE.
- F. SEE CIVIL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.

GENERAL NOTES - SITE PLAN

- A. SEE CIVIL DRAWING FOR SITE UTILITIES, DIMENSIONS, SIDEWALKS, AND ALL OTHER SITE RELATED ITEMS AND DETAILS.

GENERAL NOTES - DOOR SCHEDULE

- A. SEE PROJECT MANUAL FOR DOOR HARDWARE SCHEDULE.
- B. SUB-CONTRACTOR UNDER SECTION 'ALUMINUM ENTRANCES AND STOREFRONT,' SHALL PROVIDE ALL THE DOOR HARDWARE FOR ALL ALUMINUM DOORS. SEE DOOR SCHEDULE FOR ALUMINUM DOORS AND THE REQUIRED HARDWARE.
- C. SUB-CONTRACTOR UNDER SECTION 'DOOR HARDWARE,' SHALL PROVIDE ALL THE DOOR HARDWARE FOR ALL THE WOOD AND HOLLOW METAL DOORS. SEE DOOR SCHEDULE FOR WOOD AND HOLLOW METAL DOORS AND THE REQUIRED HARDWARE.
- D. ALL EXTERIOR DOORS SHALL BE INSULATED.
- E. FIELD VERIFY WINDOW AND DOOR FRAME OPENING SIZES BEFORE FRAME INSTALLATION. OVERALL DIMENSIONS INDICATED FOR EACH FRAME TYPE ARE ROUGH OPENING SIZES IN WALLS. CONTRACTOR SHALL ADJUST INNER DIMENSIONS AS REQUIRED TO MAKE DOORS AND WINDOWS WORK.
- F. ELECTRICAL DEVICES SUCH AS MAG. LOCKS, CARD READERS AND ALARM SYSTEMS BEING PART OF THE DOOR FUNCTION ARE INCLUDED AS PART OF THE ELECTRICAL PLANS AND THE HARDWARE GROUPS. GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE LOCATIONS OF CARD READERS ETC. SHOWN ON ARCHITECTURAL AND ELECTRICAL DRAWINGS WITH ALL TRADES INVOLVED.
- G. COORDINATE DOORS & GATES OUTSIDE BUILDING WITH SITE PLAN.

GENERAL NOTES - DEMOLITION FLOOR PLAN

- A. CONTRACTOR SHALL VERIFY ALL EXISTING SITE AND BUILDING CONDITIONS INCLUDING UNDERGROUND UTILITIES AND SERVICE LINES, IRRIGATION LINES AND SUB SURFACE STRUCTURES AND ALL OTHER EXISTING CONSTRUCTION BOTH ABOVE AND BELOW GRADE.
- B. PRIOR TO REMOVAL OF EXISTING BUILDING MATERIALS INCLUDING WALLS, DOORS, WINDOWS, CEILING, ETC.) INDICATED IN THE DEMOLITION PLANS, CONTRACTOR SHALL THOROUGHLY COORDINATE ARCHITECTURAL FLOOR PLANS, CEILING PLANS, FINISH SCHEDULES AND ALL CONSULTANT DRAWINGS TO DETERMINE EXACT EXTENT OF REMOVAL.
- C. COORDINATE WITH OWNER'S REPRESENTATIVE REGARDING ITEMS SHOWN TO BE REMOVED THAT WILL BECOME PROPERTY OF THE OWNER. CAREFULLY REMOVE SUCH ITEMS SO AS NOT TO DAMAGE THEM.
- D. IN EXISTING WALLS THAT ARE NOTED TO REMAIN, ANY NAILS, SCREWS, OR OPENINGS THAT REMAIN AS A RESULT OF EXISTING EQUIPMENT REMOVAL OR WALL REMOVAL SHALL BE PATCHED WITH SMOOTH, EVEN, INVISIBLE TRANSITION. IN PLACES WHERE THE EXISTING WALL IS CUT FOR INSTALLATION OF POWER OUTLETS, SWITCH, THERMOSTAT, ETC. PATCH OPENING IN WALL WITH GYPSUM BOARD. PROVIDE SMOOTH, EVEN, INVISIBLE TRANSITION BETWEEN NEW AND EXISTING WALL FINISH.
- E. THE OWNERS STAFF WILL CONTINUE TO OCCUPY AREAS DIRECTLY ADJACENT TO THE CONSTRUCTION AREA. THE CONTRACTOR AND SUB-CONTRACTORS SHALL TAKE ALL NECESSARY MEASURES TO MINIMIZE DISRUPTION ACTIVITIES CONDUCTED BY THE OWNERS STAFF. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF NOISY ACTIVITIES, SHUT-DOWNS, AND ANY OTHER ACTIVITIES WHICH MAY DISRUPT NORMAL OPERATIONS PRIOR TO PERFORMING THE WORK.
- F. ONCE FLOORING DEMOLITION HAS OCCURRED, CLEAN AND PREPARE FLOOR TO RECEIVE NEW FLOOR COVERINGS. THIS SHALL BE COORDINATED WITH THE FINISH SCHEDULE AND MANUFACTURER OF NEW PRODUCTS FOR FLOOR PREPARATION REQUIREMENTS.
- G. ITEMS SHOWN ON THESE FLOOR PLANS FOR REMOVAL ARE BUILT-IN ITEMS, EQUIPMENT, FURNITURE, & OTHER ITEMS EXISTING IN THE SPACE THAT ARE NOT BUILT-IN SHALL BE REMOVED OR CLEARED TEMPORARILY BY THE OWNER.

GENERAL NOTES - EXTERIOR ELEVATIONS

- A. SEE WINDOW SCHEDULE FOR WINDOW OPENINGS AND SILL HEIGHT. SEE DOOR SCHEDULE FOR DOOR OPENING SIZE. SEE LEGEND FOR BRICK VENEER TYPE.
- B. NOT ALL MECHANICAL GRILLES ARE SHOWN ON THESE ELEVATIONS. COORDINATE ALL GRILLE LOCATIONS AND THE REQUIRED HARDWARE.
- C. ALL EXTERIOR WALL FINISHES ARE TO BE 6" ABOVE FINISH GRADE TYPICAL. SEE WALL SECTIONS.
- D. ALL FINISHES TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS AND PER SPECIFICATION SECTION IN THE PROJECT MANUAL.

GENERAL NOTES - FLOOR & DIM. PLANS

- A. REFER TO THE CODE COMPLIANCE PLANS FOR INDICATION OF FIRE RATED WALLS.
- B. AT LOCATIONS WITHOUT CEILINGS (ROOM IS OPEN TO STRUCTURE ABOVE), EXTEND ALL WALLS, SOFFITS, AND HEADERS (INCLUDING ALL STUD FRAMING, GYPSUM BOARD, INSULATION & CMU, WHERE APPLICABLE) TO THE METAL ROOF DECK ABOVE.
- C. WHEN FLOOR HEIGHT VARIES IN A ROOM, THE CEILING HEIGHT SHOWN IS THE HEIGHT ABOVE THE FLOOR AT THE ENTRY, UNO.
- D. SEE INTERIOR ELEVATIONS FOR TOILET AND BATHROOM ACCESSORIES (GRAB BARS, MIRRORS, DISPENSERS, ETC.).
- E. AT ALL VERTICAL EDGES OF INTERIOR CMU WALLS THAT ARE VISIBLE, USE BULLNOSE CMU BLOCKS FROM FINISHED FLOOR ELEVATION TO A HEIGHT OF 7'-4".
- F. FOR CLARITY SAKE, DIMENSIONS ARE NOT SHOWN AT THE FOLLOWING LOCATIONS:
 - a. WHERE THE FACE OF WALL COINCIDES WITH THE MAIN GRID LINE OR 4'-0" X 4'-0" SUBGRID.
 - b. WHERE THE CENTER OF WALL COINCIDES WITH THE MAIN GRID LINE OR 4'-0" X 4'-0" SUBGRID.
- G. VERIFY WITH ARCHITECT FOR DIMENSIONS NOT SHOWN.
- H. SEE STRUCTURAL DRAWINGS FOR CMU WALLS, MASONRY COLUMNS, AND MASONRY BEAMS. SEE BUILDING EXTERIOR ELEVATIONS FOR VENEER TYPES. SEE FINISH SCHEDULE FOR CMU THAT IS HONED, SCORED, SEALED, PAINTED, ETC.
- I. SEE CIVIL, FOOD SERVICE, PLUMBING, AND MECHANICAL DRAWINGS FOR FLOOR SINKS, FLOOR DRAINS, AND OPENINGS IN FLOOR SLABS AND ROOFS FOR DUCTWORK, ETC.
- J. SEE DOOR AND WINDOW SCHEDULE FOR THE REQUIRED DOOR AND WINDOW OPENING SIZES.
- K. SEE FINISH SCHEDULE AND STRUCTURAL DRAWINGS AND PROVIDE RECESS IN CONCRETE FLOOR SLAB AS REQUIRED TO ACCOMMODATE FLOOR FINISHES. CONCRETE FLOOR SLAB THAT IS ON GRADE, SHALL BE RECESSED AS REQUIRED, FOR A THICK SET MORTAR FOR CERAMIC TILE FINISH. SLOPE SHALL BE AT 1/8" PER FOOT TOWARDS THE FLOOR DRAIN. CONCRETE FLOOR SLAB, THAT IS NOT ON GRADE, NEED NOT BE RECESSED. IN SUCH LOCATION, USE THIN SET MORTAR FOR CERAMIC TILE FINISH WITH A GENTLE SLOPE TOWARDS DRAIN.
- L. ALL PENETRATIONS (PIPES, CONDUITS, JOISTS, ETC.) THROUGH FIRE RATED BARRIER WALLS SHALL BE SEALED COMPLETELY WITH FIRE RATED SEALANTS. FILL GAP BETWEEN FLUTES OF THE METAL DECK AND METAL TRACK TOP RUNNER WITH FIRE RATED SEALANTS. SEAL TIGHTLY AROUND PIPES, CONDUITS, DUCTS, ETC. THAT PENETRATES THE FIRE BARRIER WALL WITH FIRE RATED SEALANTS. APPLY SEALANT AS PER MANUFACTURER'S RECOMMENDATIONS WITH ANY ADDITIONAL MATERIAL AS REQUIRED INSTALLED AROUND PENETRATIONS TO MAINTAIN THE INTEGRITY OF THE FIRE WALL. SEE MECHANICAL DRAWINGS FOR FIRE AND SMOKE DAMPERS.
- M. WALL CABINETS HAVE A DEPTH OF 1'-3" UNLESS NOTED OTHERWISE.
- N. ALL MASONRY MORTAR JOINTS LOCATED INSIDE THE BUILDING SHALL BE TOOLED JOINTS, UNLESS NOTED OTHERWISE. MASONRY JOINTS ON THE BUILDING EXTERIOR SIDE SHALL BE RAKED JOINTS AS INDICATED IN BUILDING EXTERIOR ELEVATIONS.
- O. SEE OVERALL FLOOR PLAN SHEETS FOR ANGLES, PIVOT POINT AND DIMENSIONS BETWEEN GRID LINES.
- P. SEE CODE COMPLIANCE FLOOR PLANS FOR LOCATION OF FIRE BARRIER, NON RATED WALLS, ETC.
- Q. SEE ENLARGED FLOOR PLANS FOR ADDITIONAL DIMENSIONS.
- R. IN SOME PROJECTS, DUE TO THE LARGE BUILDING FOOTPRINT SIZE, FLOOR PLANS ARE SPLIT AS AREAS A, B, C, ETC. AND EACH AREA IS INDICATED ON SEPARATE SHEETS. MATCH LINES INDICATE THE BOUNDARIES OF EACH AREA. WHEN CONTRACTORS ARE PREPARING BID FOR THE PROJECT, COST SHALL INCLUDE ONLY THE BUILDING ELEMENTS AND ASSOCIATED CONSTRUCTION WORK CALLED OUT WITH KEYED NOTES IN THE AREA INDICATED ON THE SHEET. KEYED NOTES INDICATED OUTSIDE THE MATCH LINE IN ADJACENT FLOOR AREAS SHALL NOT BE COUNTED FOR THAT AREA. THIS AVOIDS DUPLICATION OF BUILDING ELEMENTS AND CONSTRUCTION WORK.

GENERAL NOTES - BUILDING SECTIONS

- A. BUILDING SECTIONS INDICATE THE RELATIONSHIPS BETWEEN THE DIFFERENT ROOMS AND AREAS OF THE FACILITY. THE INTENT IS TO ILLUSTRATE THE CONCRETE FLOOR SLAB ON GRADE, FLOOR TO FLOOR HEIGHT, ROOF SLOPES, EXTENT OF REQUIRED STRUCTURAL FILL UNDER GRADE, AND THE FOOTINGS, CONCRETE SLAB ON GRADE, ETC. REFER TO RELEVANT WALL SECTIONS FOR DETAILED DESCRIPTION OF WALL AND ROOF CONSTRUCTION.
- B. SEE CIVIL DRAWINGS FOR BUILDING FINISHED FLOOR ELEVATION AND HOW REFERENCE ELEVATION OF 100'-0" RELATES TO THE EXISTING CONTOUR LINES AND SPOT ELEVATIONS. SOIL CUT AND FILL REQUIREMENTS SHALL BE DETERMINED BASED ON THE SITE EXISTING CONTOUR LINES AND PROPOSED NEW CONTOUR LINES. SEE GEOTECHNICAL STUDY FOR SOIL COMPACTION AND EXTENT OF STRUCTURAL FILL REQUIREMENTS.

GENERAL NOTES - REFLECTED CEILING PLAN

- A. SEE MECHANICAL DRAWINGS FOR DIFFUSER LOCATIONS IN CEILING. CONTRACTOR SHALL COORDINATE WITH LIGHT FIXTURES (AS INDICATED IN ELECTRICAL DRAWINGS) AND MOVE DIFFUSERS AROUND THE LIGHT FIXTURE IF THERE IS ANY CONFLICT BETWEEN THE TWO.
- B. SOME OF THE ITEMS ON CEILING INDICATED IN MECHANICAL AND ELECTRICAL DRAWINGS, MAY OR MAY NOT BE INDICATED ON ARCHITECTURAL CEILING PLANS. SEE MECHANICAL AND ELECTRICAL DRAWINGS AND COORDINATE WITH ARCHITECT FOR ANY REQUIRED CLARIFICATIONS.
- C. CONTRACTOR SHALL NOT HANG CEILING TILES AND LIGHTS FROM DUCTS, FOR AREAS ABOVE THE CEILING WHERE OVERSIZE DUCTS OCCUR SEE DETAIL 1/1 A503A .
- D. PAINT ALL VISIBLE EXPOSED ITEMS LIKE METAL DECK, STEEL ANGLES, STEEL BEAMS, STEEL TRUSSES, MISCELLANEOUS EXPOSED STEEL STRUCTURAL COMPONENTS, HOLLOW METAL DOORS, DOOR FRAMES & WINDOW FRAMES, PAINT EXPOSED SURFACES (WITH COLORS AND ACCENT COLORS AS SELECTED BY ARCHITECT) EXCEPT WHERE NATURAL FINISH OR MATERIAL IS SPECIFICALLY NOTED AS A SURFACE NOT TO BE PAINTED. DO NOT PAINT CONCEALED SURFACES, FINISHED METAL SURFACES, OPERATING PARTS AND FIRE FINISHED ITEMS.

GENERAL NOTES - WALL SECTIONS

- A. ALL EXTERIOR WALL FINISHES ARE TO BE 6" ABOVE FINISH GRADE, TYPICAL.
- B. SEE WINDOW SCHEDULE FOR WINDOW OPENINGS AND SILL HEIGHT (UNLESS NOTED ON THE EXTERIOR ELEVATIONS). SEE DOOR SCHEDULE FOR DOOR OPENING SIZES.
- C. ALL FINISHES TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS AND PER SPECIFICATION SECTION IN THE PROJECT MANUAL.
- D. SEE FINISH FLOOR PLANS FOR AREAS WHERE HONED CMU BLOCKS ARE INDICATED. AT THESE AREAS, THE CONTRACTOR HAS THE OPTION OF USING REGULAR BLOCK IN CONCEALED AREAS AND CEILING SPACES THAT ARE NOT VISIBLE.
- E. SPACING BETWEEN STRUCTURAL MEMBERS SHALL FOLLOW INDICATIONS GIVEN ON STRUCTURAL PLANS (TYPICAL).
- F. FIRE PROTECTION ON ASSEMBLIES, ELEMENTS AND MEMBERS SHALL COMPLY WITH ALL THE CODE REQUIREMENTS, TYPICAL. REFER TO CODE COMPLIANCE PLANS.
- G. WOOD MATERIAL UNDER TYPE IIB CONSTRUCTION SHALL BE FIRE-RETARDANT, PRESSURE-TREATED, TYPICAL, U.N.O.
- H. ALL INTERIOR WALLS SHALL BE BUILT FOLLOWING WALL TYPE DETAILS, TYPICAL.
- I. IN ROOMS/AREAS WHERE HONED, SCORED OR COLORED CMU BLOCKS ARE INDICATED FOR WALLS IN THE FINISH SCHEDULE, CONTRACTOR HAS THE OPTION OF USING REGULAR (LESS EXPENSIVE NATURAL GRAY COLOR) BLOCKS IN CONCEALED AREAS AND CEILING SPACES THAT ARE NOT VISIBLE. THIS DOES NOT APPLY TO AREAS THAT CAN CHANGE OVER THE LIFE OF THE BUILDING SUCH AS WALL LOCATED BEHIND CABINETS, ARTWORK, WHITE BOARD, TACK BOARD, ETC. WHEN OTHER BLOCKS ARE SUBSTITUTED, THE STRUCTURAL INTEGRITY OF THE BLOCK SHALL REMAIN THE SAME AS BLOCK INDICATED IN STRUCTURAL DRAWINGS AND SPECIFICATION SECTION IN THE PROJECT MANUAL.
- J. AT INTERIOR MASONRY WALL OUTSIDE CORNERS, PROVIDE BULL NOSE BLOCK.
- K. CORE DRILLING WALLS AND SLABS: CONTRACTOR SHALL USE GROUND PENETRATING RADAR OR OTHER APPROVED METHOD TO SCAN CONCRETE OVER METAL DECK. CONCRETE SUSPENDED SLABS, MASONRY WALLS, AND CONCRETE WALLS TO LOCATE REBAR PRIOR TO CORE DRILLING ANY HOLES. HOLES SHALL BE LOCATED TO AVOID REBAR DETECTED. ALL OPENINGS AND GROUPS OF OPENINGS SHALL BE REINFORCED AS SHOWN ON THE STRUCTURAL DRAWINGS. OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER PRIOR TO DRILLING.

GENERAL NOTES - ROOF PLAN

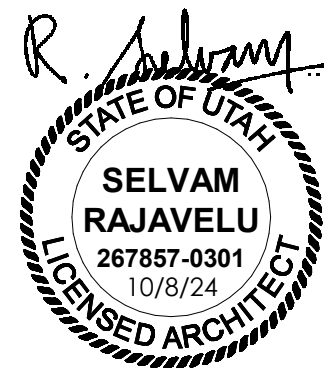
- A. PROVIDE CRICKET ON THE HIGH SIDE OF ROOF AT ALL CURB LOCATIONS FOR MECHANICAL EQUIPMENT, SKYLIGHT, ROOF HATCH, ETC., WHETHER INDICATED ON THE ROOF PLAN OR NOT.
- B. PROVIDE WEATHERHEAD (GOOSNECK 2" CONDUIT) WHERE CONDUCTORS PENETRATE ROOF FOR DISCONNECT SWITCHES, POWER OUTLETS, ETC. SECURE GOOSNECK TO STRUCTURE BELOW.
- C. PROVIDE WALKWAY PADS BETWEEN MECHANICAL EQUIPMENT, TO AND FROM ROOF HATCHES AND OTHER ROOF ACCESS POINTS, AND AROUND MECHANICAL EQUIPMENT REQUIRING PERIODIC MAINTENANCE.

GENERAL NOTES - INTERIOR ELEVATIONS

- A. PROVIDE LOCKS FOR CABINETS AS INDICATED ON THE CABINET LEGEND ON SHEET A505A AND IF INDICATED ON INTERIOR ELEVATIONS.
- B. IN ROOMS WHERE CABINETS ARE REQUIRED TO BE LOCKED, PROVIDE LOCKS OPERABLE WITH SINGLE KEY.
- C. FOR TYPICAL MOUNTING HEIGHTS, SEE SHEET G003. FOLLOW THE HEIGHT UNLESS NOTED OTHERWISE IN INTERIOR ELEVATIONS. VERIFY WITH ARCHITECT FOR ITEMS NOT INDICATED.
- D. CONTRACTOR SHALL VERIFY WITH OWNER FOR OWNER FURNISHED CONTRACTOR INSTALLED ITEMS AND PROVIDE BACKING IN WALL AS REQUIRED FOR INSTALLATION.
- E. INTERIOR ELEVATIONS OF CERTAIN ROOMS ARE NOT DRAWN AND ARE NOTED AS SIMILAR ELEVATIONS OF ROOMS THAT ARE INDICATED IN THE DRAWINGS.
- F. CONTRACTOR SHALL PROVIDE FILLER PANELS (PLASTIC LAMINATE WRAPPED OVER 5/8" PARTICLE BOARD) WHEREVER GAP OCCURS BETWEEN CABINETS AND WALL.
- G. SEE FINISH FLOOR PLANS AND FINISH SCHEDULE A603A FOR WALL, CABINET AND COUNTERTOP FINISHES.
- H. SEE SHEET A505A FOR CABINET LEGEND (TYPES B1, W1, T1, ETC.). UNLESS NOTED OTHERWISE, ALL IF INDICATED ON INTERIOR ELEVATIONS. WALL CABINETS AT CERTAIN LOCATIONS MAY REQUIRE A VERTICAL OR A SLOPED PASCIA PANEL.
- I. COUNTERTOPS ARE TYPICALLY SUPPORTED BY WALLS AND BASE CABINETS. IN PLACES WHERE COUNTERTOP SPAN EXCEEDS 4'-0", STEEL SUPPORTS SHALL BE PROVIDED AS INDICATED IN DETAILS 4/A505B AND 5/A505B .
- J. AS INDICATED ON INTERIOR ELEVATIONS, WALL CABINETS AT CERTAIN LOCATIONS MAY REQUIRE A VERTICAL OR A SLOPED PASCIA PANEL.
- K. AN ENLARGED FLOOR PLAN HAS BEEN INCLUDED ALONG WITH INTERIOR ELEVATIONS FOR ROOMS THAT ARE COMPLEX IN DESIGN. SUCH COMPLEX ROOMS ARE INDICATED ON THE A400 SERIES SHEETS (STARTING WITH SHEET A401). ENLARGED FLOOR PLANS ARE NOT SHOWN FOR ROOMS THAT ARE SIMPLE IN DESIGN. INTERIOR ELEVATIONS OF SUCH SIMPLE ROOMS ARE INDICATED ON THE A250 SERIES SHEETS (STARTING WITH SHEET A251).
- L. FOR ALL CABINETS PROVIDE BACKING IN WALL AS PER DETAIL 3/A505B.



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Intermountain Kidney Services
Ogden Kidney Clinic

1100 County Hills Drive
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NJRA Project # 23244.00
Construction Documents Oct 8, 2024

General
Legend &
Notes

G005

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KEYED NOTES				
SYMBOL	DESCRIPTION	FIRE RESISTANCE RATING	DOOR FIRE RATING	WINDOW/SIDELITE FIRE RATING
	COMMON PATH OF TRAVEL	N/A	N/A	N/A
	TRAVEL DISTANCE	N/A	N/A	N/A
	OCCUPANT LOAD	N/A	N/A	N/A
	SMOKE PARTITION WALL	0 HOUR	SMOKE	SMOKE
	SMOKE BARRIER WALL	1 HOUR	1/3 HOUR	3/4 HOUR
	1 HOUR FIRE RATED WALL	1 HOUR	3/4 HOUR	3/4 HOUR
	2 HOUR FIRE RATED WALL	2 HOUR	1-1/2 HOUR	1-1/2 HOUR

KEYED NOTES	
01.10	LINE AND ARROW INDICATES "TRAVEL DISTANCE" OF 117' - 6" BETWEEN POINTS T1 AND T2. THIS IS LESS THAN THE MAXIMUM ALLOWED DISTANCE OF 300'.
01.11	LINE AND ARROW INDICATES "TRAVEL DISTANCE" OF 97' - 6" BETWEEN POINTS T3 AND T4. THIS IS LESS THAN THE MAXIMUM ALLOWED DISTANCE OF 300'.

GENERAL

APPLICABLE CODES

International Existing Building Code (IEBC)	2021
International Fire Code (IFC)	2021
International Mechanical Code (IMC)	2021
International Plumbing Code (IPC)	2021
ANSI/ASHRAE/IES Standard 90.1	2010
National Electric Code (NEC)	2020
NFPA 101	2021
ANSI 117.1	2017

OCCUPANCY CLASSIFICATION:

B (Business)

CONSTRUCTION TYPE:

Type V-8 FULLY SPRINKLED

EXIT ACCESS TRAVEL DISTANCE (IBC Table 1017.2)

Travel Distance:	300 Feet (B-Occupancy/ Sprinkled)
Common Path of Travel:	100 Feet (B-Occupancy/ Sprinkled per IBC Table 1006.2.1)

CORRIDOR FIRE-RESISTANT RATING (IBC Table 1020.2)

0-HR FOR B-OCCUPANCY WITH FIRE SPRINKLER SYSTEM

MINIMUM CORRIDOR WIDTH (IBC Table 1020.3)

Minimum corridor width required:	44 inches
Actual corridor width provided:	60 inches

DEAD END CORRIDOR (IBC Section 1020.5)

Occupancy B - Sprinkled: Not to exceed 50 feet

FIRE SPRINKLER SYSTEM

Building is equipped with an automatic fire extinguishing sprinkler system.

ALLOWABLE BUILDING HEIGHT IN FEET ABOVE GRADE PLANE (IBC Table 504.3)

For Type V-8 Construction- Sprinkled and B-Occupancy:	60 Feet
Actual Building Height:	39 Feet 2 Inches (From Grade Plane to Top of Parapet)

OCCUPANT LOADS (IBC Table 1004.5)

Business:	150 Sq. Ft. Gross per Occupant
Level 1 Remodel Area (Total):	4,220 SF
Total Occupant Load:	4,220/150 = 29 OCCUPANTS

MEANS OF EGRESS SIZING (IBC Section 1005)

Egress component width other than Stairway = Occupant Load x 0.2 inches	= 29occupant x 0.2
	= 5.8 inches

Actual Provided: 78 inches

NUMBER OF EXITS (IBC Section 1006)

Spaces with One Exit or Exit Access Doorway: For B-Occupancy with a maximum occupant load of 49occupants, only one exit or exit accessway is required per IBC Table 1006.2.1

Actual Provided: Two Exits

FIRE-RESISTANCE RATING FOR BUILDING ELEMENTS - TYPE V-8 (TABLE 601)

	Required	Provided
Structural frame: (2 hr. where supporting the roof)	0	2
Bearing Walls:		
Exterior	0	N/A
Interior	0	N/A
Nonbearing walls:		
Exterior	0	0
Interior	0	0
Floor Construction	0	2
Roof Construction	0	1 1/2

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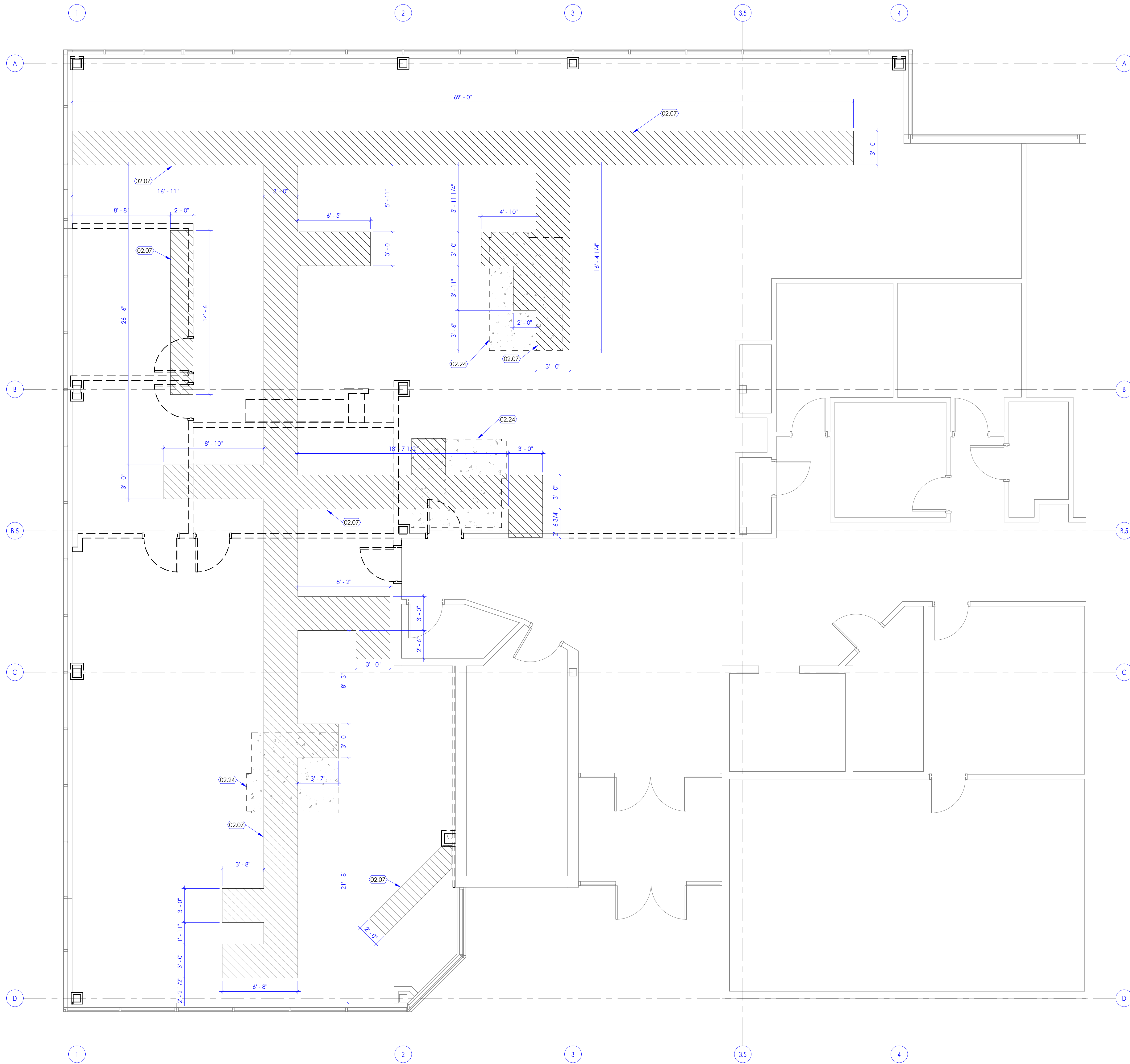
Code
Compliance
Plan Level 1 -
Overall

G111

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1 Demolition Slab Plan Level 1
SCALE: 1/4" = 1'-0"

KEYED NOTES

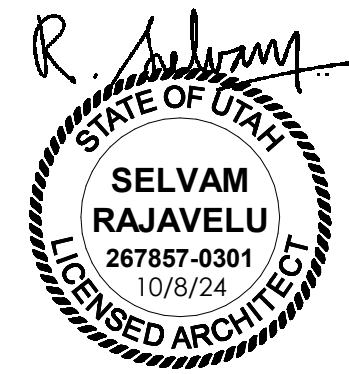
- 02.07 APPROXIMATE LOCATION OF SAW CUT FOR CONCRETE SLAB ON GRADE BASED ON PLUMBING AND ELECTRICAL DRAWINGS. COORDINATE FINAL LOCATIONS IN THE FIELD PRIOR TO CUTTING. SAWCUT EXISTING CONCRETE SLAB ON GRADE FOR INSTALLATION OF NEW PLUMBING AND ELECTRICAL LINES. SEE PLUMBING AND ELECTRICAL DRAWINGS FOR EXTENT OF DEMOLITION REQUIRED. COMPACT & PREPARE GRADE. INSTALL DRAINAGE GRAVEL AND 15 ML VAPOR BARRIER BEFORE POURING NEW CONCRETE SLAB. TOP OF NEW SLAB SHALL FLUSH WITH ADJACENT EXISTING. SEE DETAIL 2/A506A FOR CONCRETE TRENCH REPAIR.
- 02.24 SAW CUT AND CHIP AWAY EXISTING SLAB ON GRADE FOR A UNIFORM DEPTH OF ONE INCH THROUGHOUT THE ENTIRE TOILET ROOM. EXTEND SAW CUT UNDER NEW DOOR FRAME FOR THRESHOLD. GRIND SMOOTH AND PREP FLOOR FOR NEW FLOOR TILE INSTALLATION. SEE DETAIL 1/A603A.

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
B. SEE SHEET A505A FOR CABINET LEGEND.
C. SEE SHEET A601A FOR DOOR SCHEDULE.
D. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.



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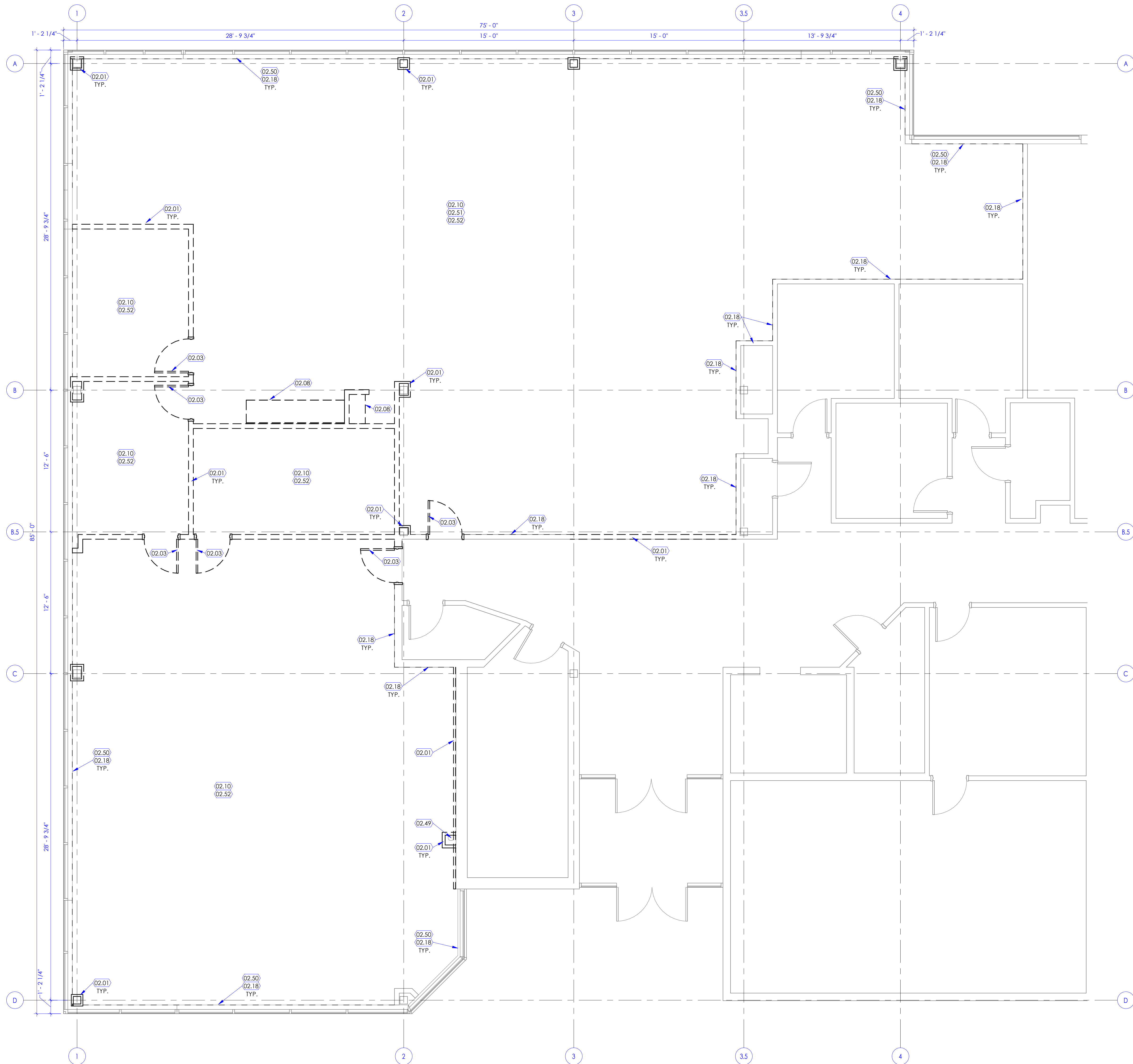
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Demolition
Slab Plan
Level 1

A110

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KEYED NOTES

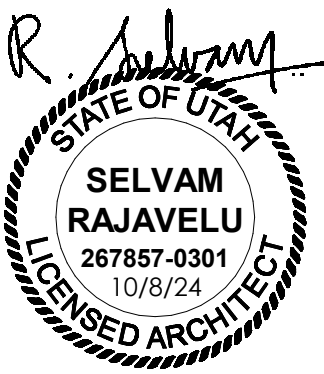
- 02.01 REMOVE EXISTING METAL STUD WALL INCLUDING STUDS, GYPSUM BOARD, STUD BRACING ABOVE CEILING, ELECTRICAL, MECHANICAL, AND PLUMBING ITEMS LOCATED IN THE WALL.
- 02.03 REMOVE EXISTING DOOR, HARDWARE AND FRAME.
- 02.08 REMOVE EXISTING CASEWORK INCLUDING BASE CABINETS, UPPER/WALL CABINETS, FULL HEIGHT CABINETS, COUNTERTOPS, CLOSER PANEL, SLOPED DUST TOP, ETC.
- 02.10 REMOVE EXISTING FLOORING AND BASE INCLUDING ADHESIVE ALL THE WAY DOWN TO THE BARE CONCRETE FLOOR. CLEAN FLOOR AND PREP FOR NEW FLOOR FINISHES.
- 02.18 REMOVE EXISTING GYPSUM BOARD AND INSULATION FROM THIS SIDE OF THE ROOM. INSULATE EXISTING WALLS WITH NEW R-13 BATT INSULATION FOR 3-5/8\"/>

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.



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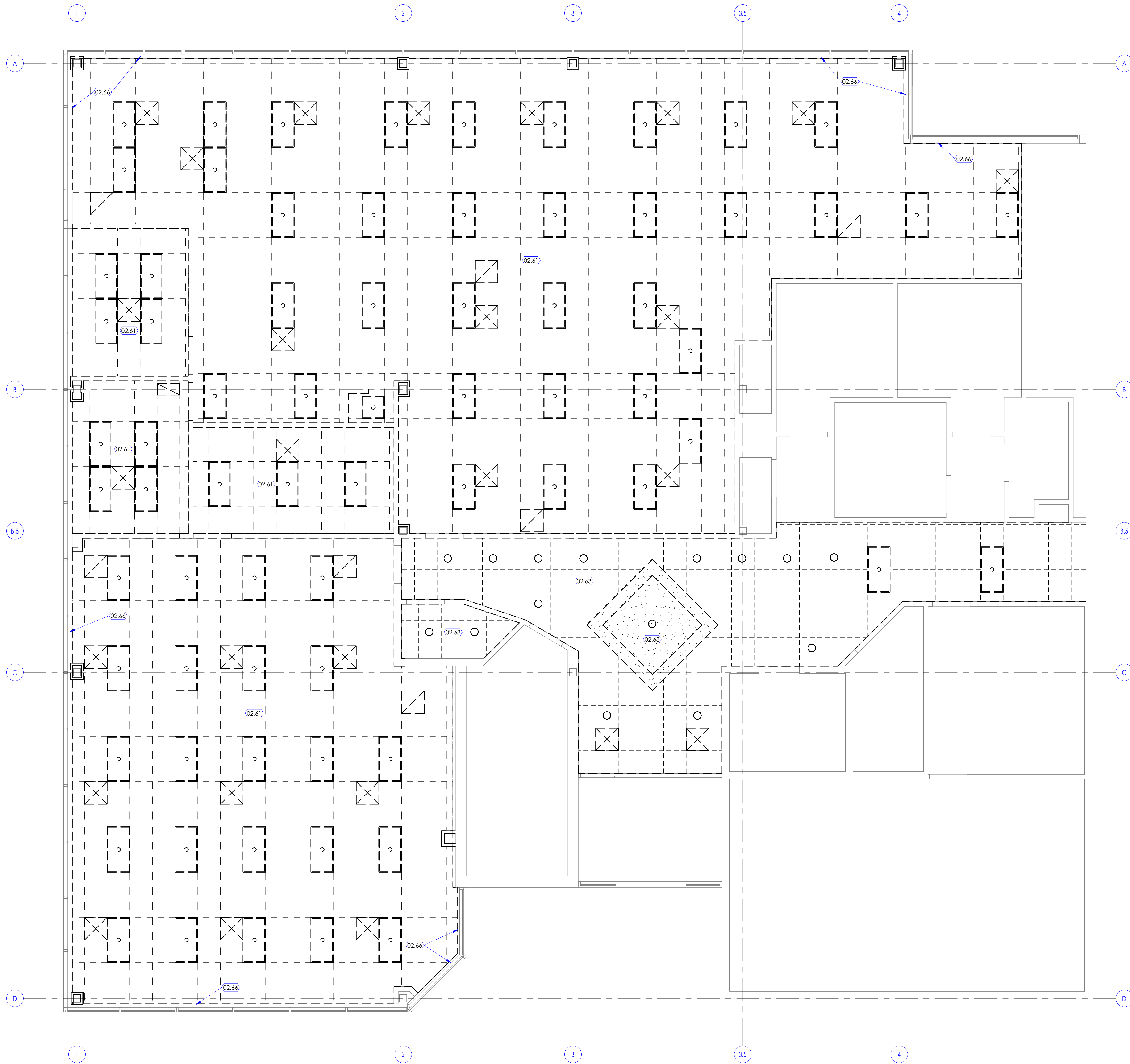
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Demolition
Floor Plan
Level 1

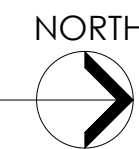
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1 Reflected Ceiling Plan Level 1

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



KEYED NOTES

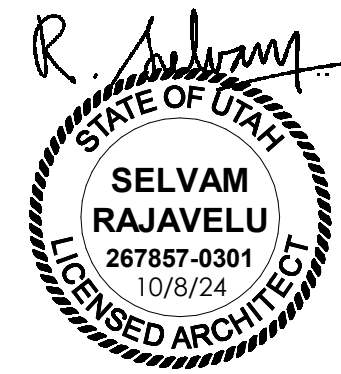
- 02.61 REMOVE EXISTING CEILING TILES AND GRIDS, LIGHT FIXTURES, HVAC DIFFUSERS, SPEAKERS AND OTHER CEILING MOUNTED ITEMS. REFER TO M/E/P DRAWINGS.
- 02.63 CAREFULLY REMOVE EXISTING CEILING, LIGHTS, HVAC DIFFUSERS AS REQUIRED FOR ANY ABOVE CEILING M/E/P WORK. CLEAN AND RE-INSTALL AFTER ALL ABOVE CEILING WORK IS COMPLETE. REPLACE TO MATCH EXISTING IF DAMAGED DURING CONSTRUCTION.
- 02.66 REMOVE EXTERIOR BLINDS, TYPICAL AT ALL EXTERIOR WINDOWS. REMOVE EXISTING HEADER/SOFT1 ABOVE. SEE DETAIL 13/AS03A FOR NEW HEADER/SOFT1 AND ROLLER SHADE DETAIL, TYPICAL AT ALL EXTERIOR WINDOWS.

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.



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Demolition
Ceiling Plan
Level 1

A112

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1 Floor Plan Level 1
SCALE: 1/4" = 1'-0"

KEYED NOTES

- 01.16 SEE OFFICE A122 FOR TYPICAL KEYED NOTES, INTERIOR ELEVATIONS, AND FINISHES.
- 01.17 SEE EXAM ROOM #2 (ROOM A102) ON SHEET A401 FOR TYPICAL KEYED NOTES, CEILING PLAN, AND INTERIOR ELEVATIONS.
- 06.06 SOLID SURFACE COUNTER WITH FULL BULLNOSE EDGE AND INTEGRAL BACKSPLASH. SEE DETAIL 6/A505B. PROVIDE INTEGRAL SIDE SPLASH WHERE COUNTER ABUTS PERPENDICULAR WALL/CABINET.
- 06.07 PROVIDE SOLID SURFACE INTEGRAL SIDE SPLASH WHERE COUNTER ABUTS PERPENDICULAR WALL/CABINET.
- 06.08 SOLID SURFACE TRANSACTION COUNTER WITH FULL BULLNOSE EDGE. SEE FINISH SCHEDULE. SEE DETAIL 7/A506A.
- 06.09 NEW SOLID SURFACE SILL AT WINDOW. PROVIDE FULL BULL NOSE EDGE. PROVIDE CONTINUOUS 1/2" THICK PLYWOOD UNDER SOLID SURFACE MATERIAL. SEE DETAIL 3/A504A. THIS CONDITION IS TYPICAL AT ALL EXTERIOR WINDOWS THROUGHOUT THIS PROJECT.
- 06.11 SOLID SURFACE INTEGRAL SINK. BASIS OF DESIGN: CORIAN, MODEL 810L WITH OFFSET DRAIN. COLOR: GLACIER WHITE. ALSO SEE PLUMBING DWGS.
- 06.32 THIS ROOM TO HAVE 8'-0" HIGH FRT PLYWOOD ON ALL WALLS. PLYWOOD TO SPAN FROM TOP OF BASE TO 8'-0" ABOVE BASE. PLYWOOD SHALL BE 3/4" THICK. FIRE RETARDANT TREATED, ATTACHED TO FINISHED GYPSUM BOARD. PAINT PLYWOOD USING EPOXY PAINT TO MATCH WALL COLOR.
- 06.34 QUARTZ COUNTERTOP/TRANSACTION COUNTER. SEE DETAILS 5/A506A AND 6/A506A.
- 08.09 ALUMINUM-FRAMED STOREFRONT SYSTEM. BASIS OF DESIGN: KAWNEER TRIFAB VERSA GLAZE 451. GLAZING TO BE 1/2" THICK, CLEAR TEMPERED, CENTER GLAZED, WITH 2" SIGHTLINES AND 4-1/2" FRAME DEPTH. FINISH: ARCHITECTURAL CLASS 1 - CLEAR ANODIZED. SEE DETAILS ON SHEET A304A.
- 08.10 ALUMINUM AND GLASS DOOR. BASIS OF DESIGN KAWNEER 350 HEAVY WALL ENTRANCE SYSTEM.
- 08.27 GLASS PARTITION BETWEEN DIRTY AND CLEAN SIDE. GLASS TO BE 1/2" THICK X DEPTH OF COUNTERTOP. GLASS TO SPAN FROM TOP OF COUNTERTOP TO BOTTOM OF UPPER/WALL CABINET UND. PROVIDE 3" RADIUS EDGE ON THE EXPOSED EDGE. PROVIDE POLISHED EDGES AT ALL TWO EXPOSED EDGES. PROVIDE 1/2" X 1/2" X .001" STAINLESS STEEL RECEIVING CHANNEL TO HOLD THE GLASS IN PLACE. CUT COUNTER BACKSPLASH TO ANCHOR GLASS TO WALL BEHIND.
- 08.28 DECORATIVE WINDOW FILM AT EXTERIOR GLAZING TO HIDE VISIBILITY OF INTERIOR METAL STUDS FOR THE FULL WIDTH AND HEIGHT OF WINDOWS (FLOOR TO CEILING WINDOWS AT THIS LOCATION). CONFIRM LOCATIONS PRIOR TO INSTALLATION. BASIS OF DESIGN: DECORATIVE FILM.
- 09.45 PARTITION CLOSURE. TYPICAL AT ALL EXTERIOR WINDOWS WHERE INTERIOR WALL MEETS EXTERIOR WALL. SEE DETAIL 7/A504A.
- 11.11 GRAB BARS. SEE SPECIFICATIONS. PROVIDE TYPE 1 METAL STUD BACKING PER DETAIL 5/A502A. SEE SHEET G003 FOR MOUNTING HEIGHTS.
- 10.23 FULLY RECESSED FIRE EXTINGUISHER CABINET WITH EXTINGUISHER. SEE DETAIL 9/A502A.
- 11.01 REFRIGERATOR. OFCI. SEE ELECTRICAL DRAWINGS.
- 11.03 ICE AND WATER DISPENSER. OFCI. SEE PLUMBING DRAWINGS. CAREFULLY CUT AROUND BACKSPLASH BEHIND TO ACCOMMODATE FOR WASHER BOX. BOTTOM OF WALL BOX TO BE ONE INCH ABOVE COUNTERTOP. ALSO SEE ELECTRICAL DRAWINGS FOR POWER.
- 11.06 WALL MOUNTED MONITOR/TELEVISION OFCI. SEE ELECTRICAL DRAWINGS. PROVIDE 3'-0" W X 2'-0" H X 18 GA SHEET METAL BACKING. COORDINATE LOCATION OF OUTLETS WITH MONITOR MOUNTING BRACKET.
- 11.10 BLANKET WARMER ON STAND. OFCI. SEE ELECTRICAL DRAWINGS.
- 11.29 SHELVING. OFCI.
- 11.31 PRINTER/COPIER. OFCI. SEE ELECTRICAL DRAWINGS FOR POWER AND DATA.
- 11.49 SIGNAGE. PROVIDED AND INSTALLED BY OWNERS VENDOR. PROVIDE TYPE 1 BACKING FOR WALL MOUNTED SIGNAGE PER DETAIL 5/A502A. COORDINATE WITH SIGNAGE VENDOR ON LOCATION AND EXTENT OF BACKING.
- 11.52 DEPOSITORY SAFE. OFCI. SAFE TO BE ANCHORED TO SLAB ON GRADE.
- 12.01 FURNITURE. TO BE PROVIDED AND INSTALLED BY OWNERS VENDOR (MIDWEST COMMERCIAL INTERIORS - MWC). CONTRACTOR TO COORDINATE WITH MIDWEST.
- 12.02 HEIGHT ADJUSTABLE SIT/STAND DESK. PROVIDED AND INSTALLED BY OWNERS VENDOR MIDWEST COMMERCIAL INTERIORS (MWC). SEE ELECTRICAL DRAWINGS FOR POWER. CONTRACTOR TO COORDINATE WITH MIDWEST.
- 12.04 ALUMINUM AND GLASS PRIVACY PANEL. WALL SYSTEM WITH INSET SLIDING GLASS DOORS. PROVIDED AND INSTALLED BY OWNER'S VENDOR. MIDWEST CONTRACTOR TO COORDINATE WITH MIDWEST FOR ANCHORING REQUIREMENTS, CEILING LAYOUT, CONDITION AT EXTERIOR WINDOW, ETC.
- 22.01 WATER CLOSET. FLOOR MOUNTED. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT. LOCATION, ETC. SEE PLUMBING DRAWINGS.
- 22.02 HAND WASH SINK. WALL MOUNTED. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT. LOCATION, ETC. SEE PLUMBING DRAWINGS.
- 22.05 JANITOR'S FLOOR SINK. SEE PLUMBING DRAWINGS.
- 22.20 STAINLESS STEEL SINK. SEE PLUMBING DRAWINGS. SINK TO BE INTEGRAL WITH COUNTERTOP.
- 22.30 FLOOR MOUNTED WATER HEATER. SEE PLUMBING DRAWINGS. ALSO SEE ELECTRICAL DRAWINGS FOR POWER.
- 22.32 BI-LEVEL ELECTRIC WATER COOLER (DRINKING FOUNTAIN) WITH BOTTLE FILLER. MOUNTING HEIGHT AND IN-WALL BACKING PER MANUFACTURER. ETC. SEE PLUMBING DWGS.
- 26.01 NURSE CALL/CODE BLUE. SEE ELECTRICAL DRAWINGS.
- 26.04 ELECTRICAL PANELS. UNLESS NOTED OTHERWISE, PANEL SHALL BE RECESSED IN WALL. SEE DETAIL 9/A502A. ALSO SEE ELECTRICAL DRAWINGS.
- 26.14 PROXIMITY CARD READER FOR DOOR ACCESS CONTROL SYSTEM. SEE DOOR HARDWARE SCHEDULE AND ELECTRICAL DRAWINGS.
- 26.15 PUSH PAD/WAVE SENSOR FOR AUTO DOOR ACTIVATION. SEE ELECTRICAL DRAWINGS.
- 26.18 PROXIMITY CARD READER FOR DOOR ACCESS CONTROL SYSTEM WITH AUTOMATED DOOR OPENER. SEE DOOR HARDWARE SCHEDULE AND ELECTRICAL DRAWINGS.

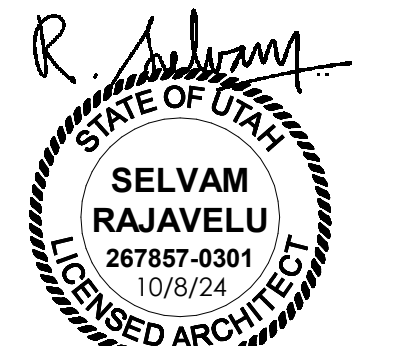
GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

TOTAL AREA: 4,220 SF



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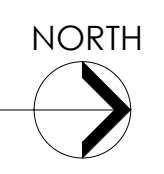
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Floor Plan
Level 1

A113



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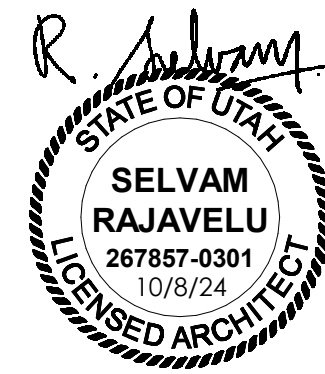


KEYED NOTES

- 06.32 THIS ROOM TO HAVE 8'-0" HIGH FRT PLYWOOD ON ALL WALLS. PLYWOOD SHALL BE 3/4" THICK, FIRE RETARDANT TREATED, ATTACHED TO FINISHED GYPSUM BOARD. PAINT PLYWOOD USING EPOXY PAINT TO MATCH WALL COLOR.
- 09.21 FURRING WALL TO BE AS TIGHT AS POSSIBLE TO THE EXISTING COLUMN/STRUCTURE.
- 09.22 EXTEND SHEETROCK AND FRAMING TO DECK ABOVE.
- 09.45 PARTITION CLOSURE, TYPICAL AT ALL EXTERIOR WINDOWS WHERE INTERIOR WALL MEETS EXTERIOR WALL. SEE DETAIL 7/A504A.

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GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.



1 Floor Plan Level 1
SCALE: 1/4" = 1'-0"

Dimension
Floor Plan
Level 1

A114

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1 Reflected Ceiling Plan Level 1
SCALE: 1/4" = 1'-0"

KEYED NOTES

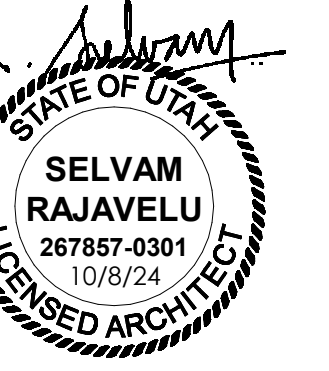
- 01.17 SEE EXAM ROOM #2 (ROOM A102) ON SHEET A401 FOR TYPICAL KEYED NOTES, CEILING PLAN, AND INTERIOR ELEVATIONS.
- 08.34 24" X 24" GFRG ACCESS PANELS, BASIS OF DESIGN: STEALTH CEILING DROP-IN PANELS, MODEL NUMBER AP-DR2424, ROUGH OPENING PER MFR. COORDINATE LOCATION OF ACCESS PANELS WITH M/E/P.
- 09.01 CLEAN AND RE-INSTALL CEILING, LIGHTS, HVAC DIFFUSERS AFTER ALL ABOVE CEILING WORK IS COMPLETE. REPLACE TO MATCH EXISTING IF DAMAGED DURING CONSTRUCTION.
- 09.31 GYPSUM BOARD CEILING. SEE DETAIL 5/A503A. SEE M/E/P DRAWINGS FOR LIGHTS AND DIFFUSERS.
- 09.32 GYPSUM BOARD SOFFIT. SEE DETAIL 9/A503A. SEE M/E/P DRAWINGS FOR LIGHTS AND DIFFUSERS.
- 09.33 GYPSUM BOARD HEADER. SEE DETAIL 6/A503A.
- 09.34 ACOUSTIC CEILING TILES AND GRIDS. CEILING TILES TO BE ARMSTRONG ULTIMA HEALTH ZONE (ITEM # 1935) 24" X 24" X 3/4" EDGE DETAIL: SQUARE LAY-IN. GRIDS SHALL BE 15/16" PRELUDE XL EXPOSED TEE HEAVY DUTY. ANGLE MOLDING SHALL BE 7/8" WITH BERC-2 CLIPS. TYPICAL THROUGHOUT THE PROJECT UNLESS NOTED OTHERWISE. SEE CEILING DETAILS ON SHEET A503A. SEE M/E/P DRAWINGS FOR LIGHTS AND DIFFUSERS.
- 09.43 NO CEILING IN THIS ROOM. OPEN TO STRUCTURE ABOVE. PAINT WALLS ALL THE WAY TO DECK ABOVE.
- 09.46 COORDINATE CEILING IN THIS AREA WITH OWNERS VENDOR 'MIDWEST'. SURFACE/SOFFIT MOUNTED MANUAL ROLLER SHADE INCLUDING SHADE POCKET AND FACIA. TYPICAL AT ALL EXTERIOR WINDOWS. SEE DETAIL 13/A503A. BASIS OF DESIGN: MECO 5 MANUAL SHADE. SHADE TO BE MOUNTED TO BOTTOM OF SOFFIT. MULLIONS ARE APPROXIMATELY 5'-0" O.C. SHADES ARE NOT CONTINUOUS AS EACH ROOM WILL HAVE PARTITION CLOSURES TO EXTERIOR GLAZING.

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.



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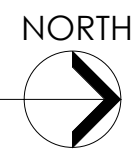
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Ceiling Plan
Level 1

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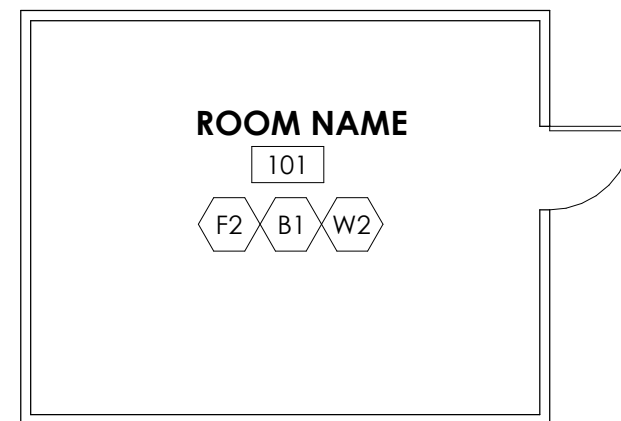
1 Floor Plan Level 1
SCALE: 1/4" = 1'-0"



KEYED NOTES

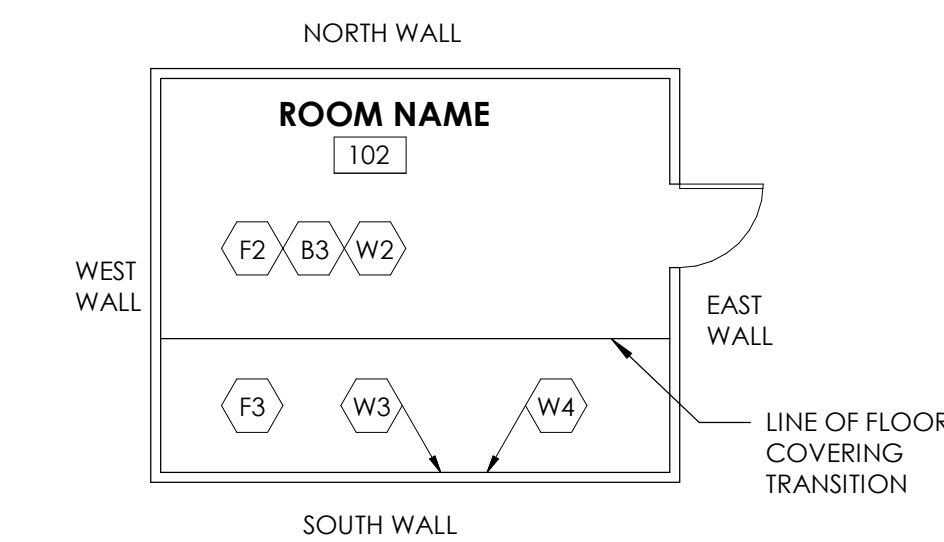
SAMPLE LAYOUTS

SAMPLE LAYOUT 1



NOTE: AS INDICATED IN ROOM NUMBER 101, MAJORITY OF THE ROOMS IN THE PROJECT SHALL HAVE A SINGLE TYPE OF FLOOR FINISH, WALL BASE AND WALL FINISH. WALL FINISH INDICATED AS "W2" SHALL APPLY TO ALL FOUR WALLS FROM FLOOR TO CEILING.

SAMPLE LAYOUT 2



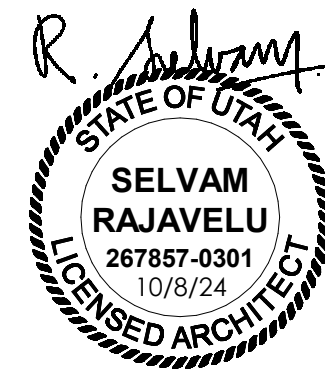
NOTE: AS INDICATED IN ROOM NUMBER 102, SOME ROOMS SHALL HAVE MULTIPLE FLOOR AND WALL FINISHES. SEE GENERAL NOTE "C" ON SHEET A603A FOR FLOOR COVERING TRANSITIONS. THE WALL FINISH INDICATED AS "W2" IN THE ROOM (WITHOUT AN ARROW POINTING TO ANY SPECIFIC WALL) SHALL APPLY TO THE WEST, NORTH AND EAST WALL. WHERE WALL FINISHES ARE INDICATED WITH AN ARROW POINTING TO THE SOUTH SIDE, WALL SHALL HAVE MULTIPLE FINISHES SUCH AS "W3" AND "W4". SEE INTERIOR ELEVATIONS FOR TRANSITION DETAILS BETWEEN "W3" AND "W4".

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.



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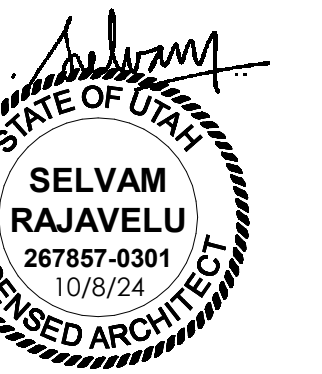
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Finish Plan
Level 1

A117



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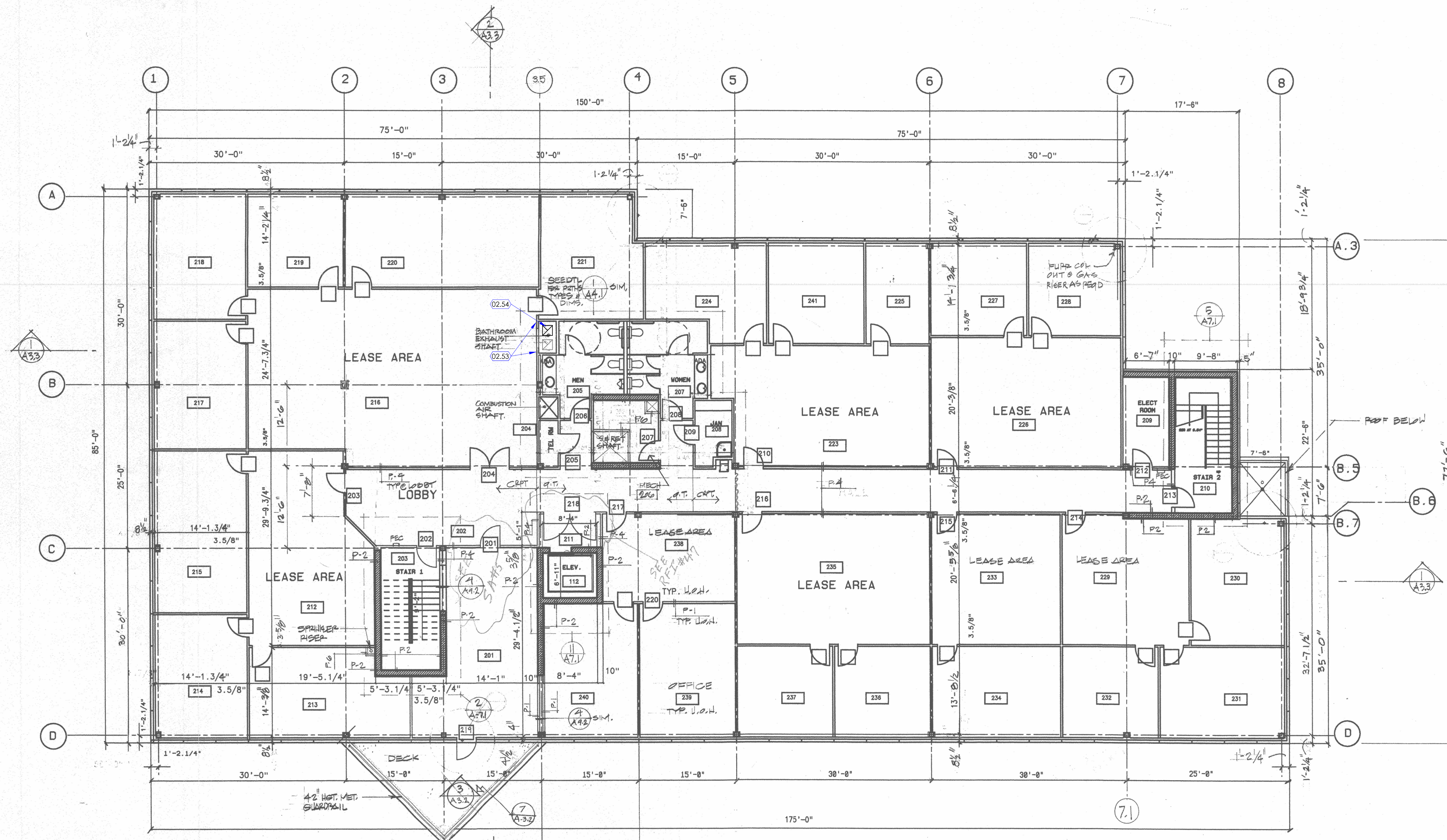
NJRA Project #	23244.00
Construction Documents	Oct 8, 2024

Existing Floor
Plan Level 2

A118

02.53 DEMOLISH EXISTING GYPSUM BOARD, FRAMING, CEILING, FLOORING AND BASE, AS REQUIRED TO ACCESS SHAFT FOR NEW EXHAUST DUCTWORK AND REFRIGERANT LINES. SEE MECHANICAL DRAWINGS. INSTALL NEW FRAMING AND DRYWALL, PAINT ENTIRE WALL TO MATCH EXISTING. INSTALL NEW CEILING AND GRID AS REQUIRED TO MATCH EXISTING. INSTALL NEW FLOORING AND BASE TO MATCH EXISTING.

02.54 SAW CUT NEW OPENING IN EXISTING CONCRETE SLAB OVER STEEL DECK FOR NEW MECHANICAL EXHAUST. SEE DETAIL 8/A506A. ALSO SEE MECHANICAL DRAWINGS.



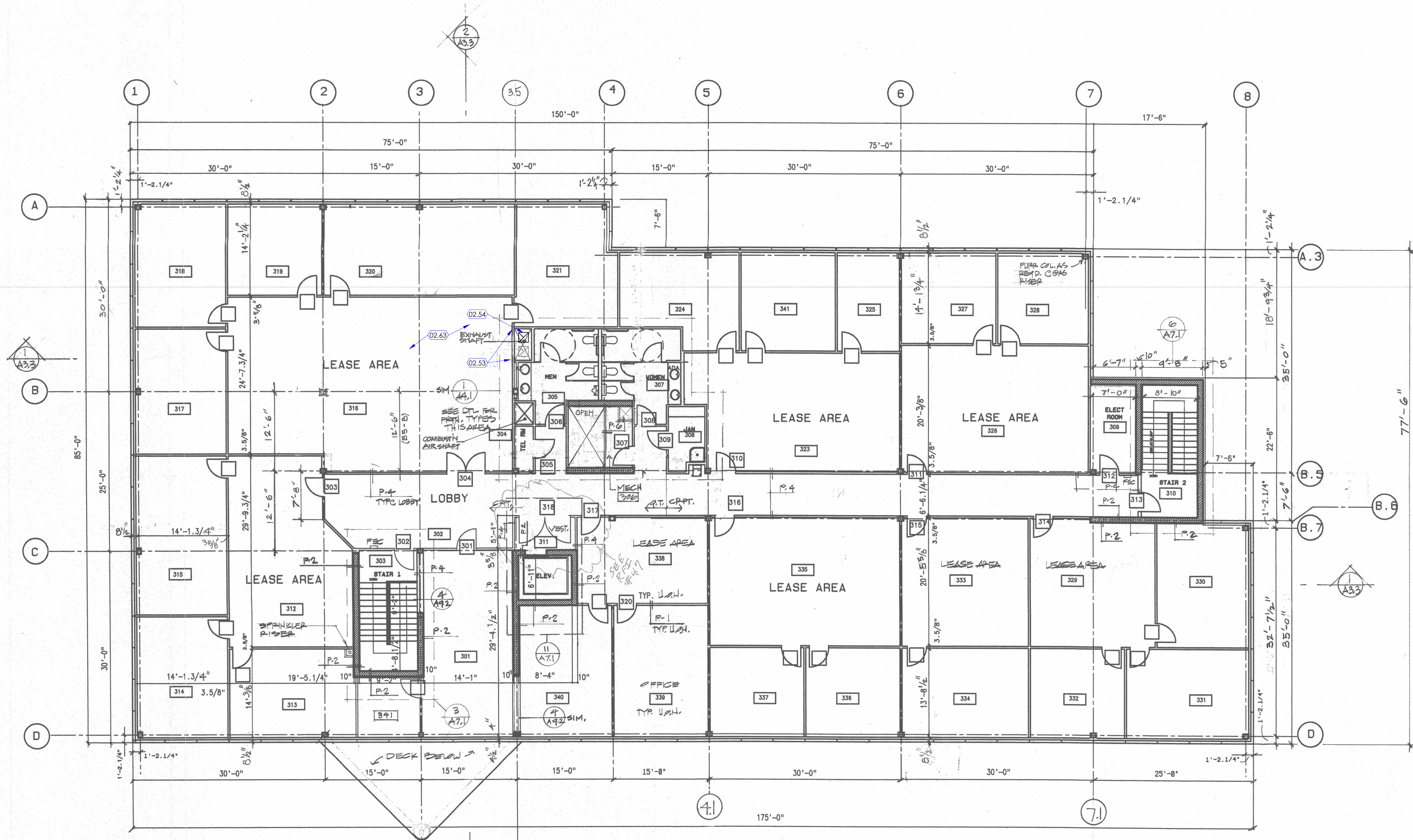
NORTH

Existing Floor Plan - Level 2

SCALE: N.T.S.

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1 Existing Floor Plan - Level 3
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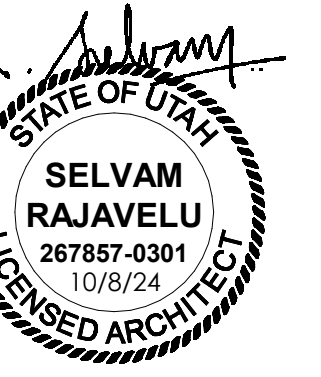


KEYED NOTES

- 02.53 DEMOLISH EXISTING GYPSUM BOARD, FRAMING, CEILING, FLOORING AND BASE, AS REQUIRED TO ACCESS SHAFT FOR NEW EXHAUST DUCTWORK AND REFRIGERANT LINES. SEE MECHANICAL DRAWINGS. INSTALL NEW FRAMING AND DRYWALL. PAINT ENTIRE WALL TO MATCH EXISTING. INSTALL NEW CEILING AND GRID AS REQUIRED TO MATCH EXISTING. INSTALL NEW FLOORING AND BASE TO MATCH EXISTING.
- 02.54 SAW CUT NEW OPENING IN EXISTING CONCRETE SLAB OVER STEEL DECK FOR NEW MECHANICAL EXHAUST. SEE DETAIL 8/A506A. ALSO SEE MECHANICAL DRAWINGS.
- 02.63 CAREFULLY REMOVE EXISTING CEILING, LIGHTS, HVAC DIFFUSERS AS REQUIRED FOR ANY ABOVE CEILING M/E/P WORK. CLEAN AND RE-INSTALL AFTER ALL ABOVE CEILING WORK IS COMPLETE. REPLACE TO MATCH EXISTING IF DAMAGED DURING CONSTRUCTION.



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1100 Country Hills Drive
Ogden, Utah 84403

NJRA Project # 23244.00
Construction Documents Oct 8, 2024

Existing Floor
Plan Level 3

A119

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1 Existing Roof Plan

SCALE: N.T.S.

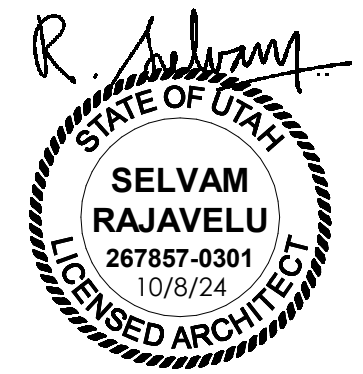
NORTH

KEYED NOTES

- 02.54 SAW CUT NEW OPENING IN EXISTING CONCRETE SLAB OVER STEEL DECK FOR NEW MECHANICAL EXHAUST. SEE DETAIL 8/A506A. ALSO SEE MECHANICAL DRAWINGS.
- 02.55 REMOVE EXISTING ROOF MEMBRANE, ROOF DECKING, INSULATION. SAW CUT CONCRETE SLAB OVER METAL DECK FOR ALL MECHANICAL OPENINGS. COORDINATE EXACT LOCATION AND SIZE OF OPENINGS WITH MFR. FRAME OPENINGS PER DETAIL 8/A506A. INSTALL NEW ROOFING MEMBRANE (60 MIL. MIN.), COVERBOARD, AND INSULATION (R 30 MIN) TO MATCH EXISTING. MAINTAIN ROOFING WARRANTY. PROVIDE NEW ROOF CURBS AND CRICKETS TO SLOPE WATER TO DRAIN. COORDINATE WITH MECHANICAL DRAWINGS.
- 23.03 OUTDOOR CONDENSING UNIT. SEE MECHANICAL DRAWINGS.
- 23.05 EXHAUST FAN. SEE MECHANICAL DRAWINGS.

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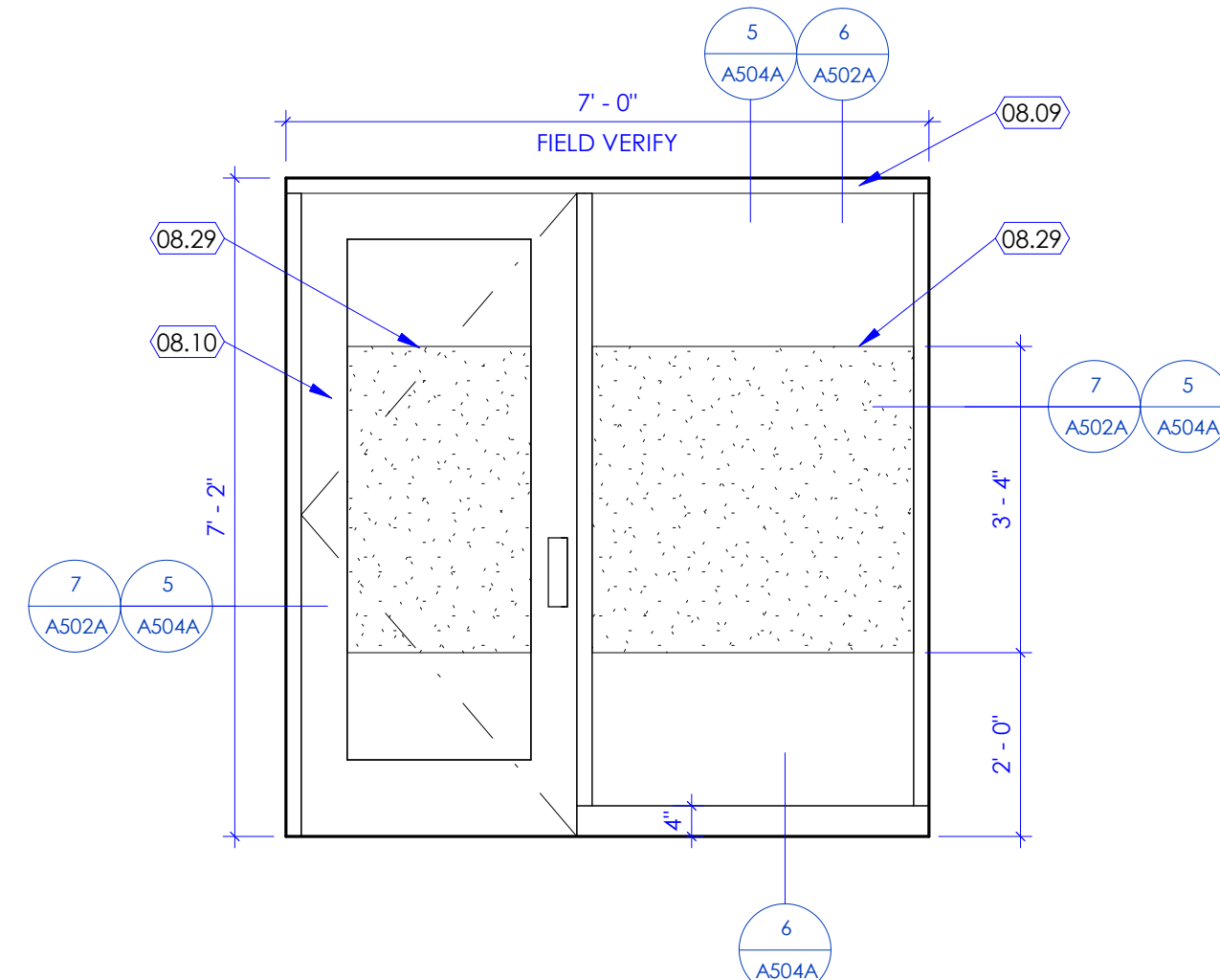
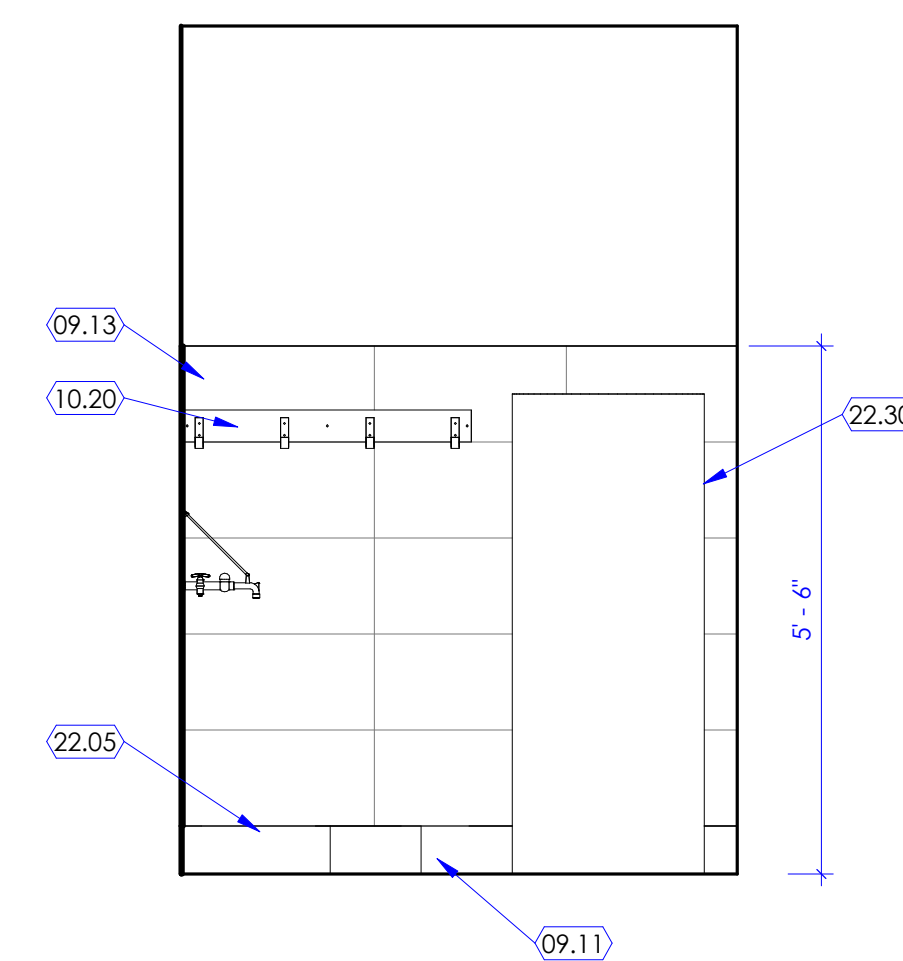
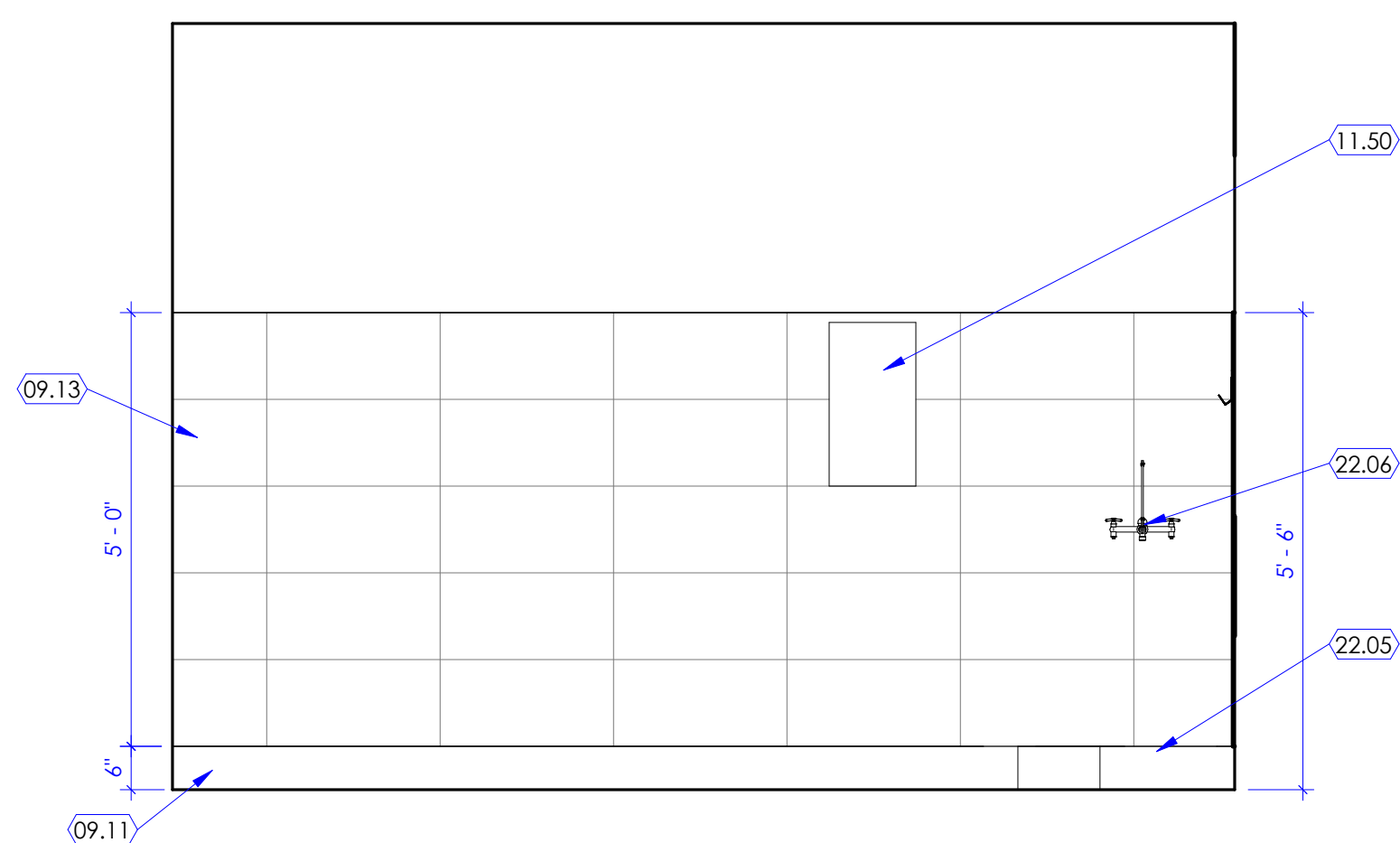
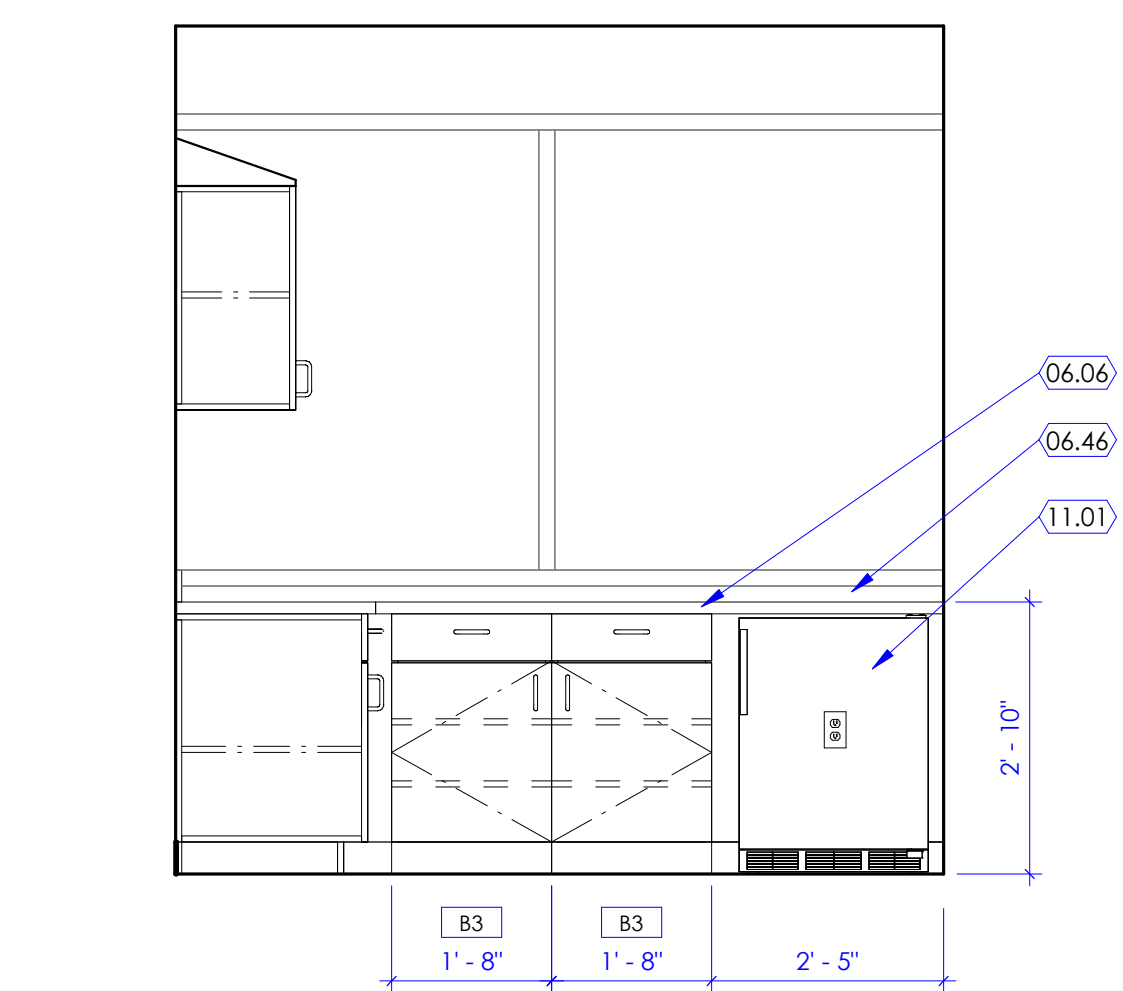
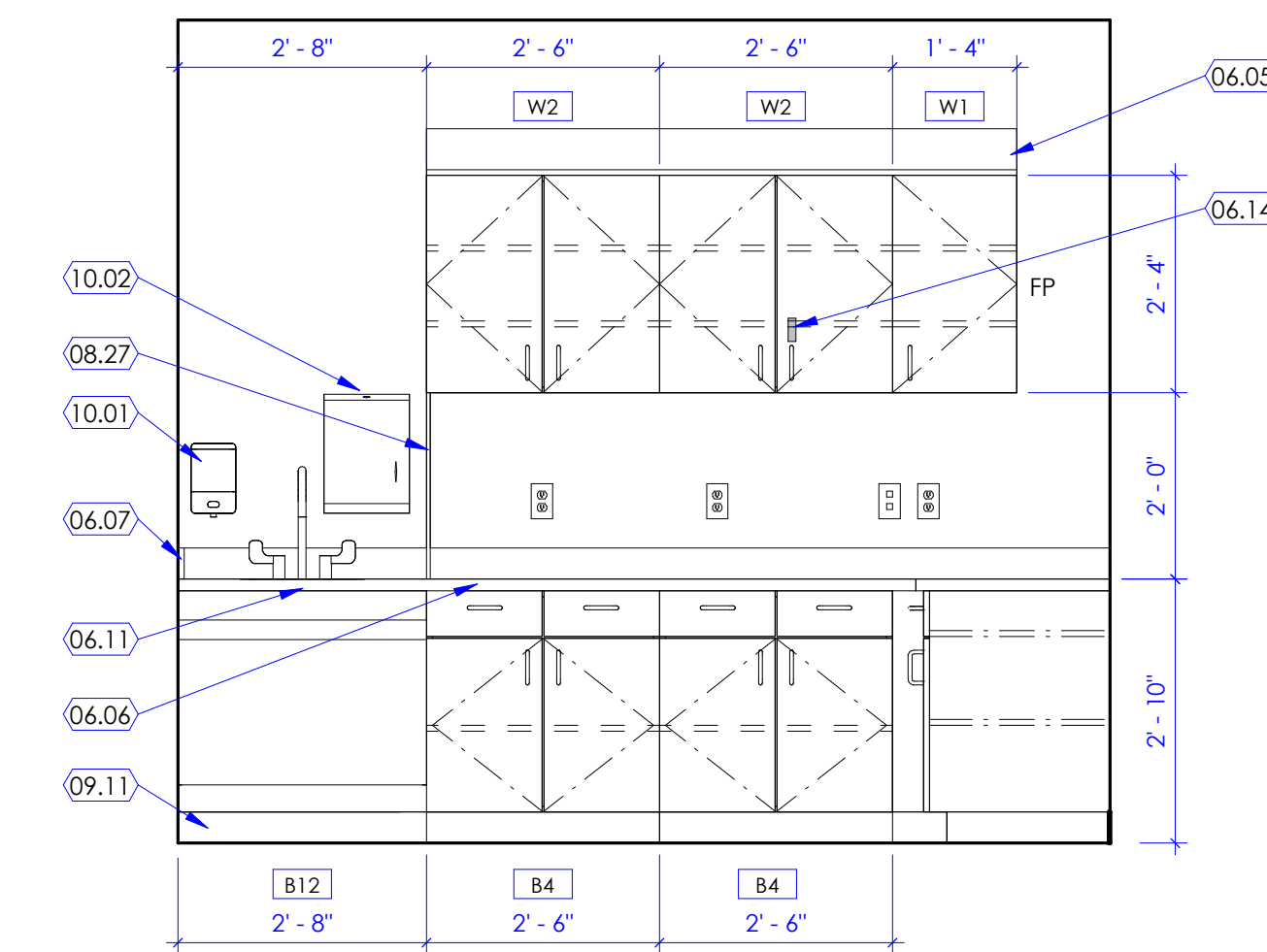
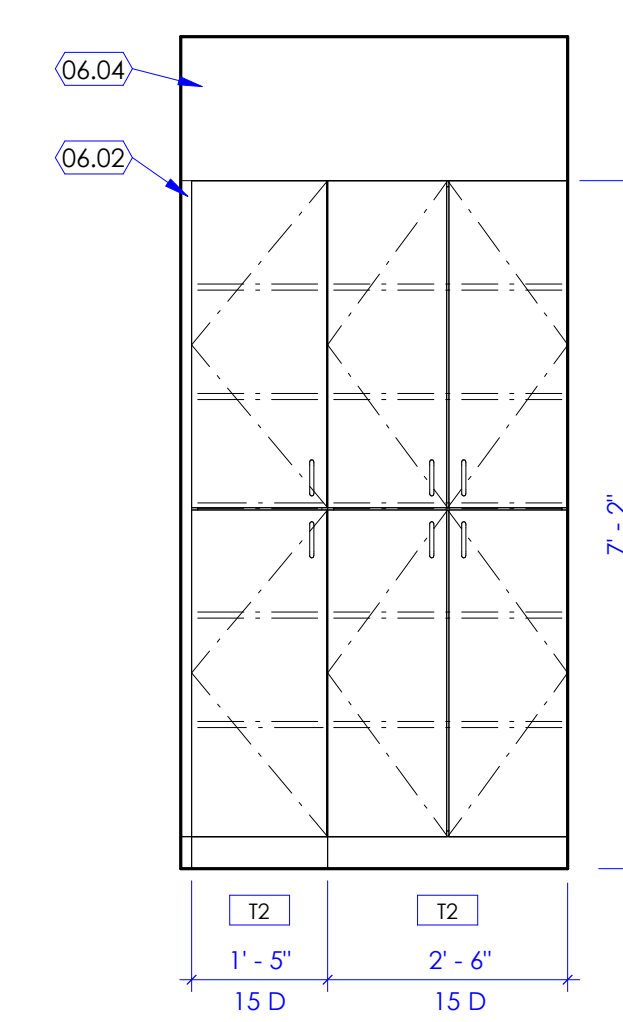
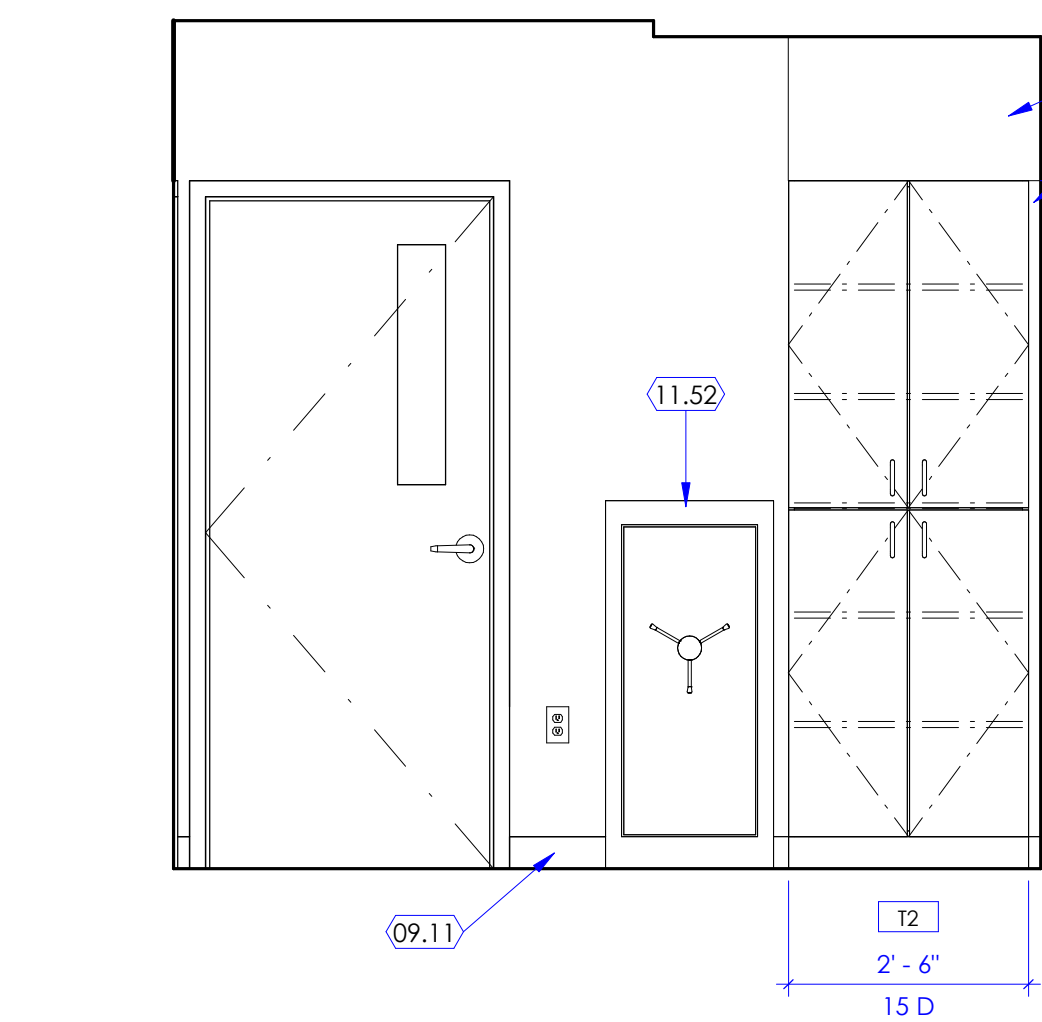
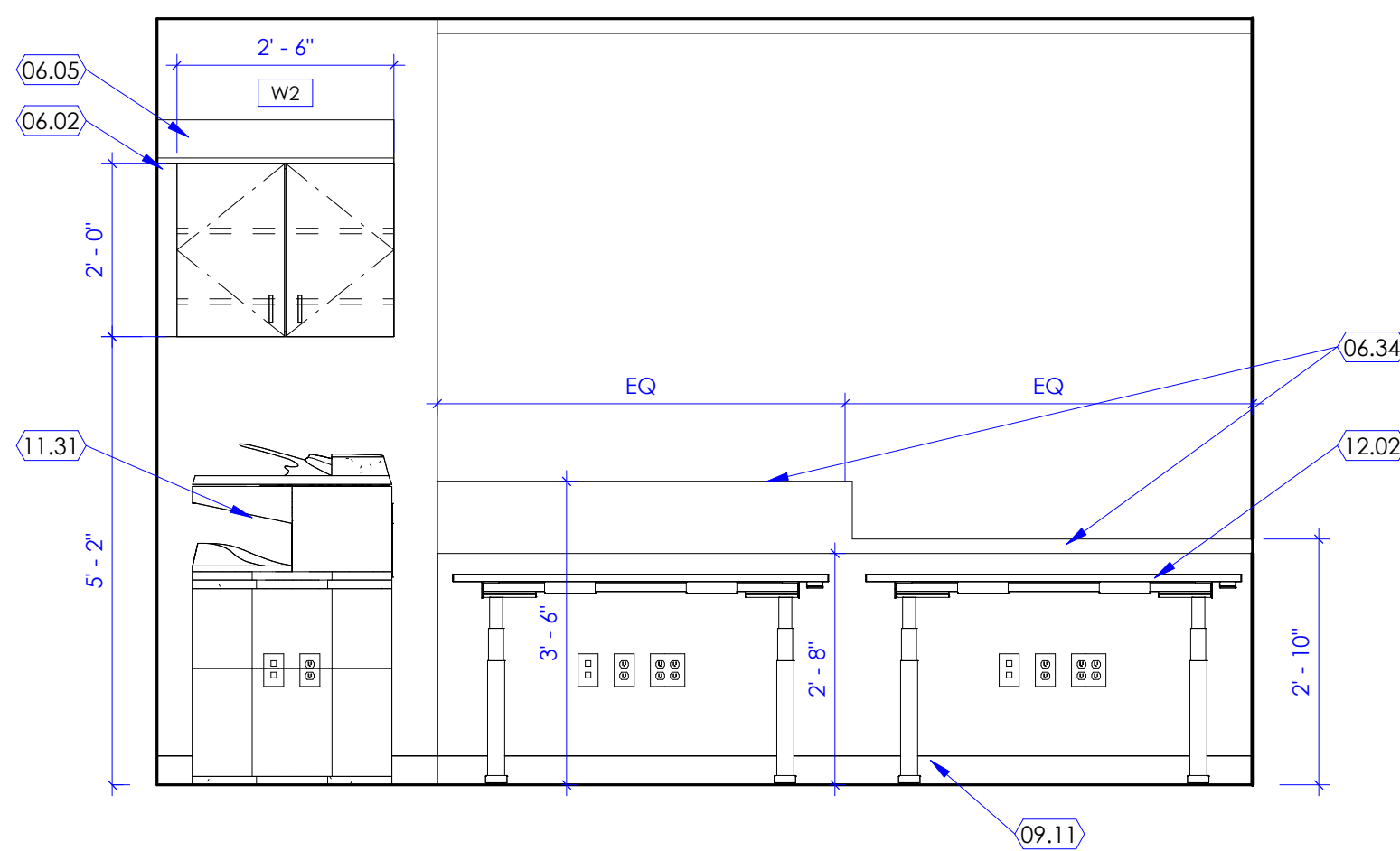
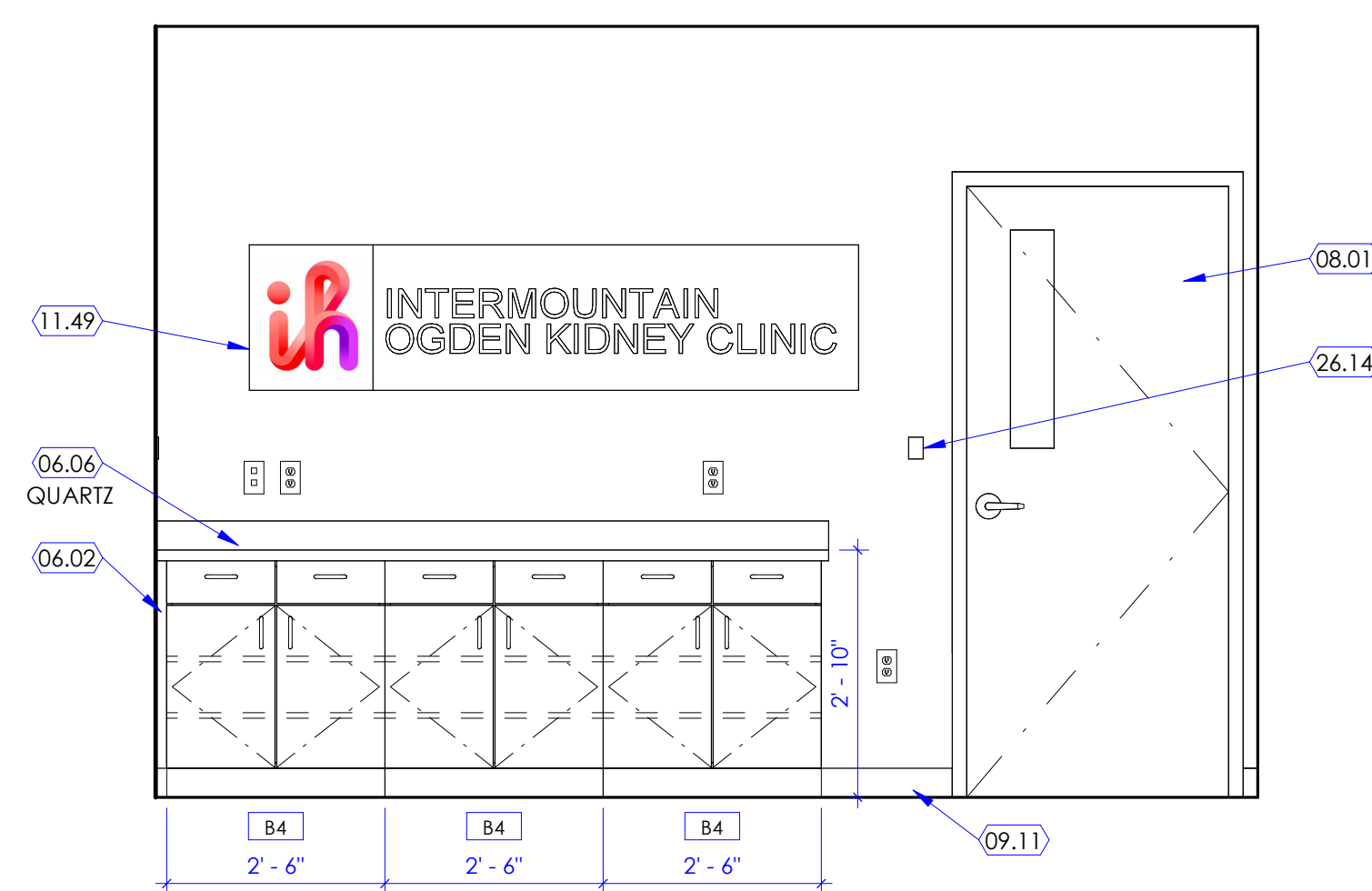
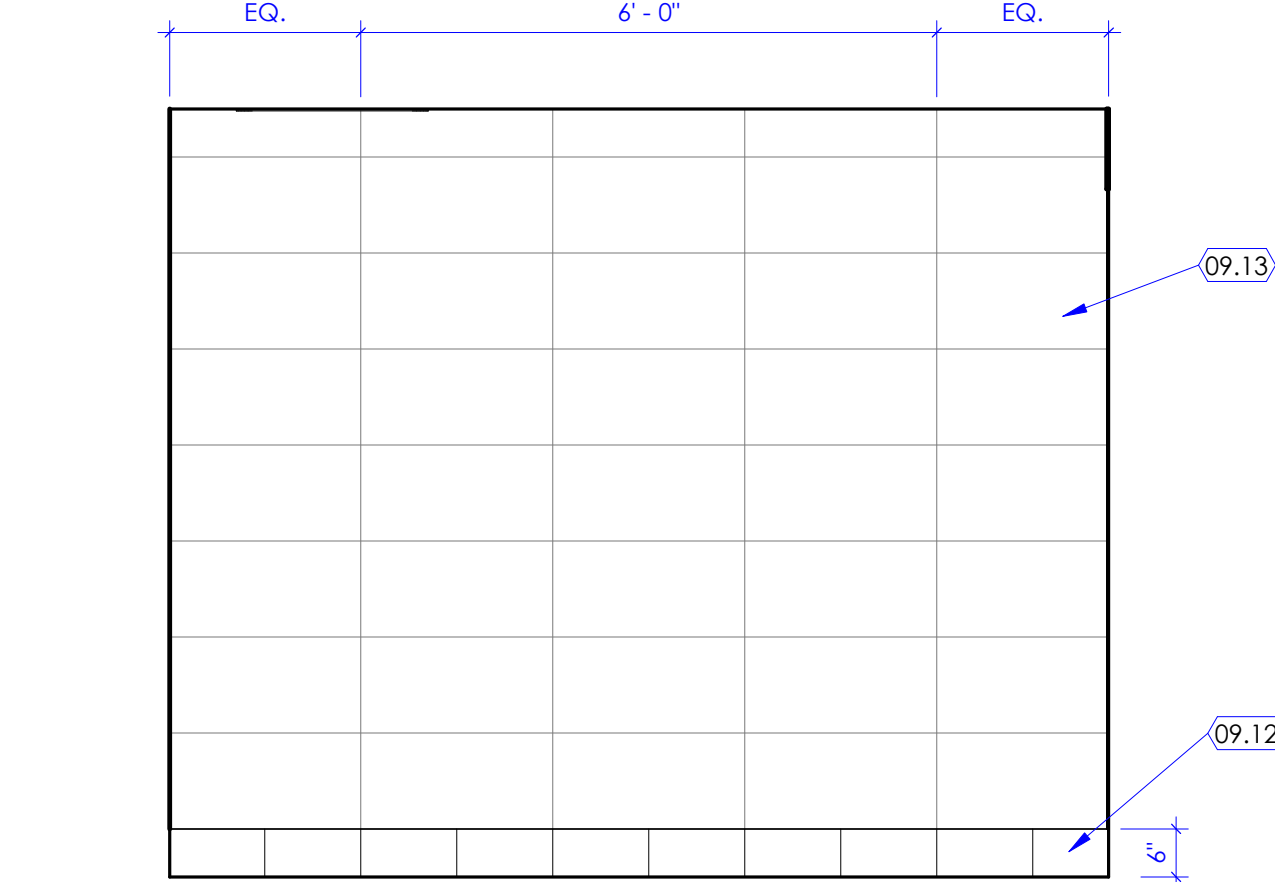
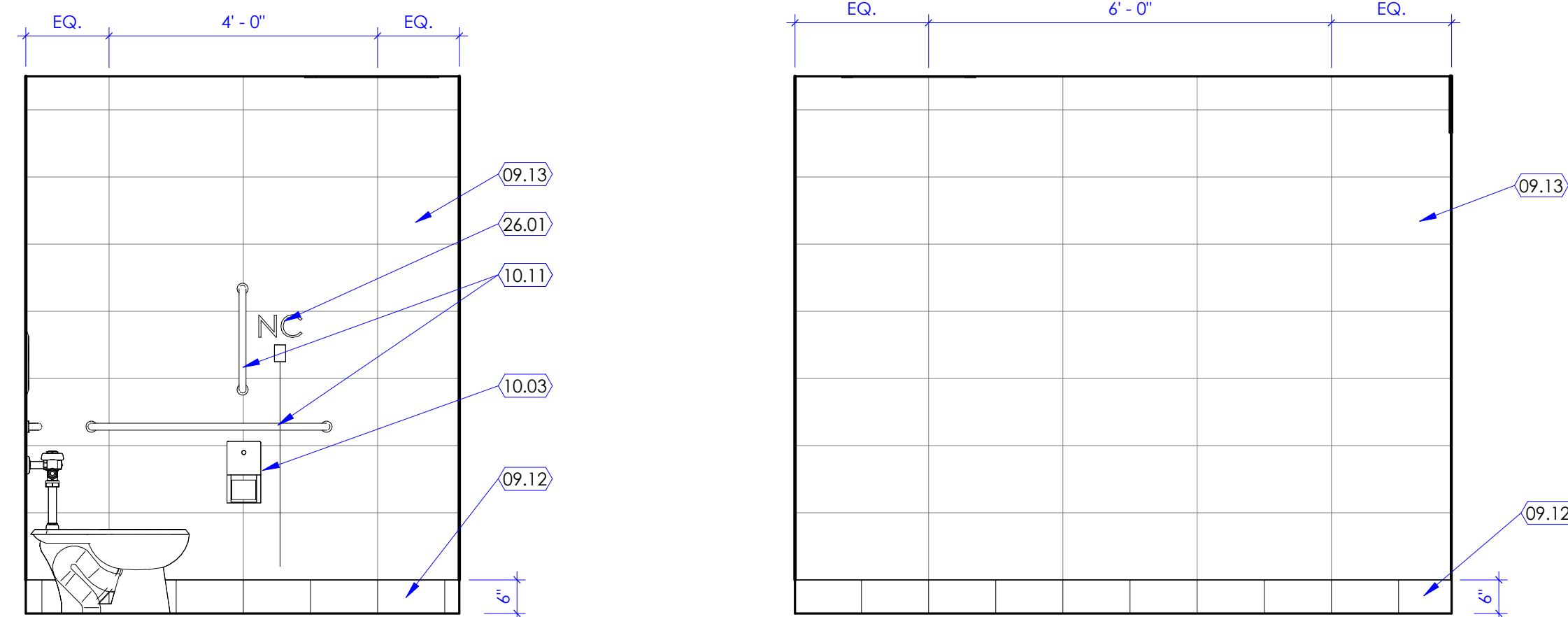
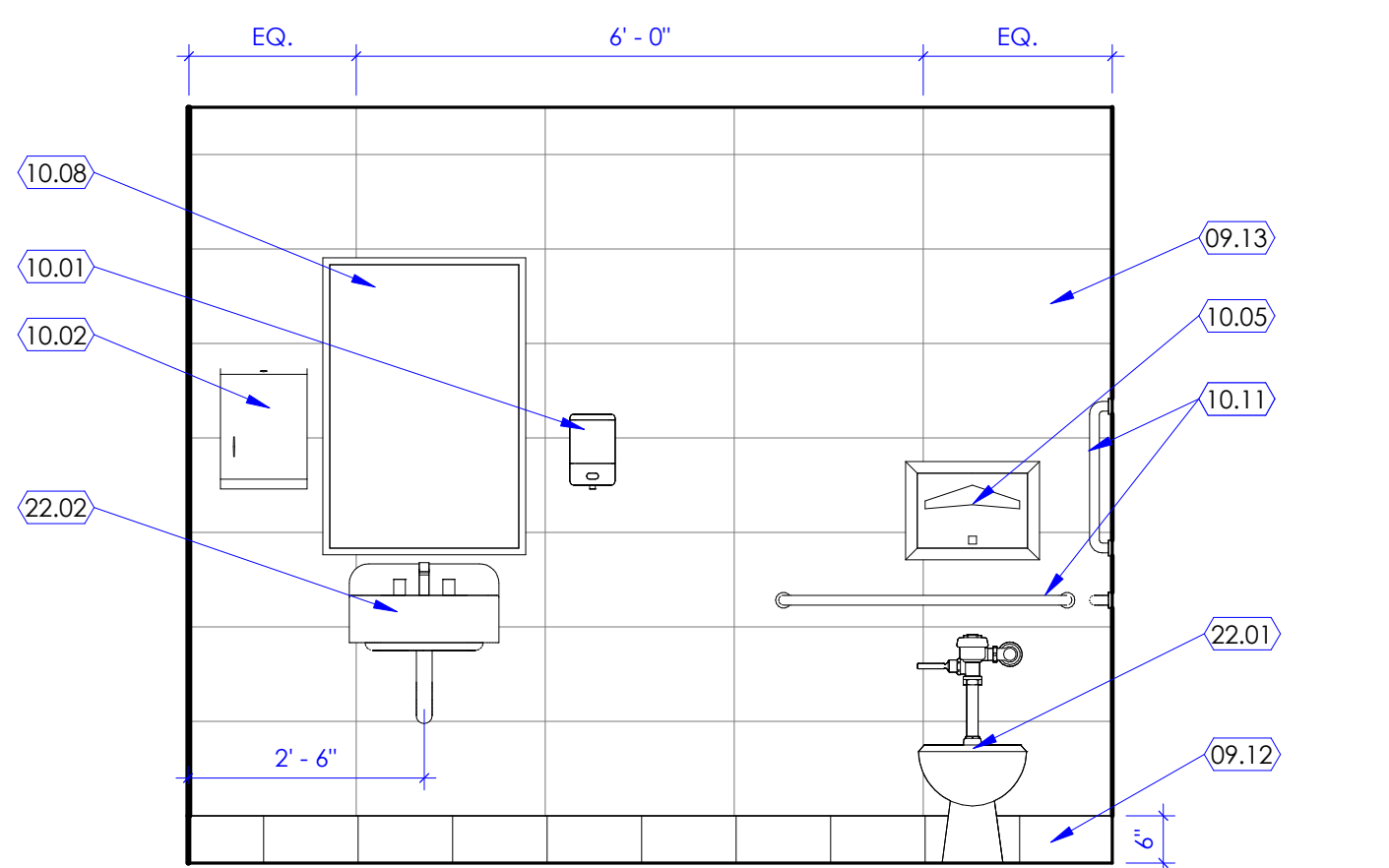
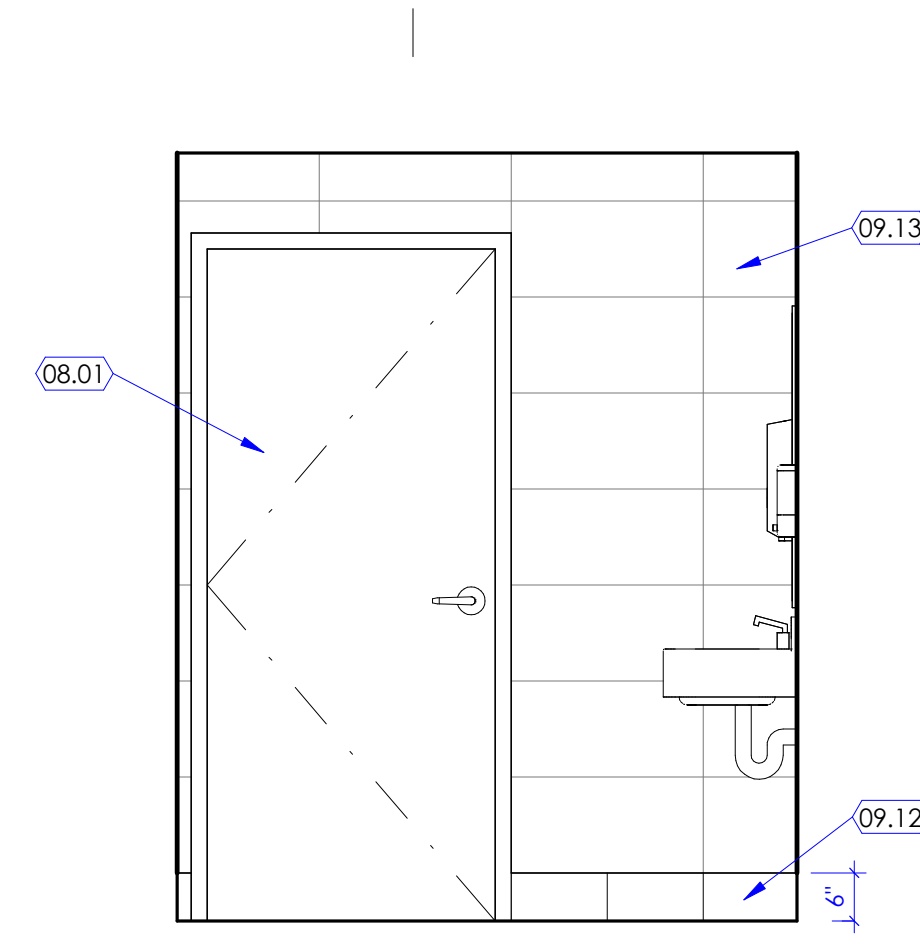
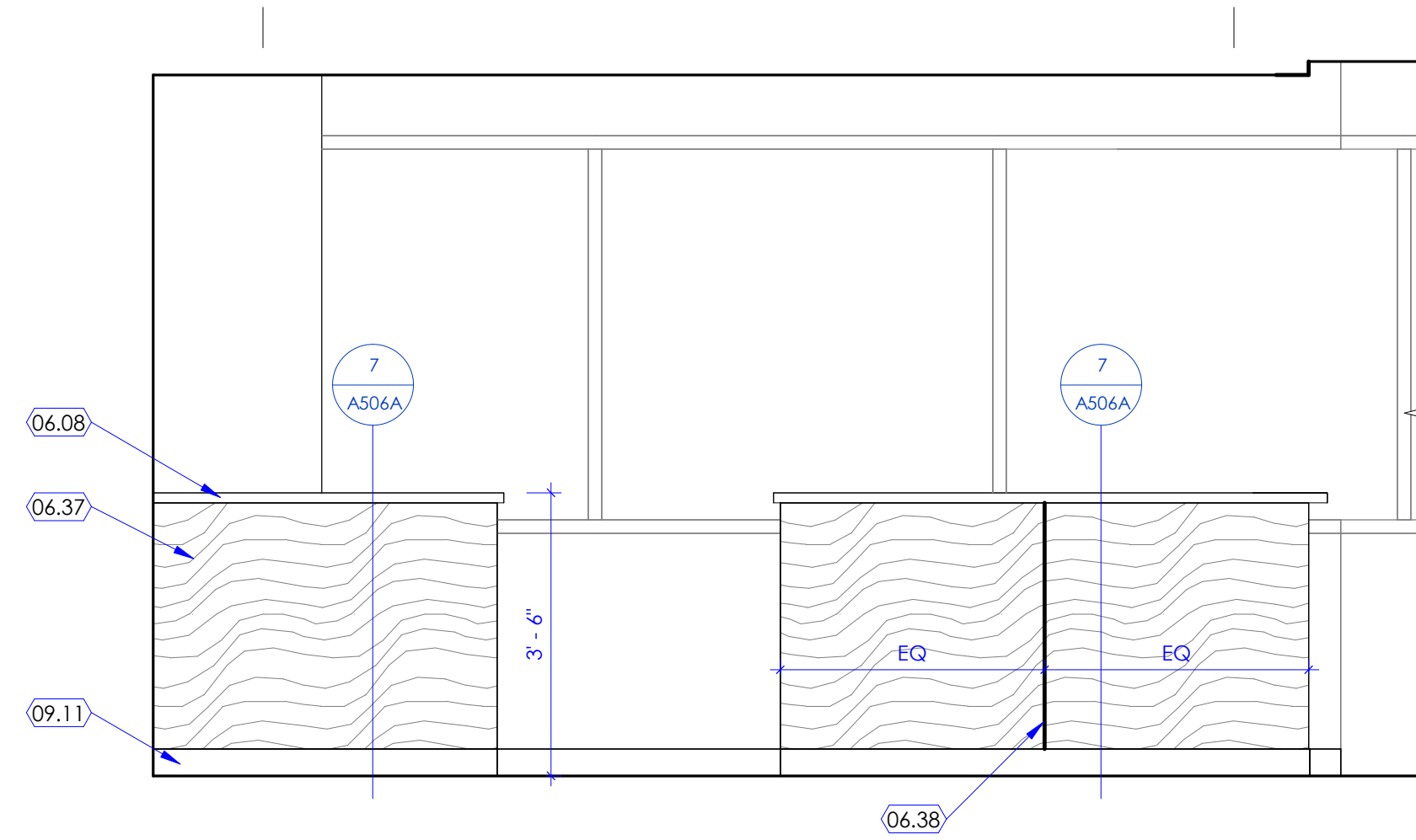
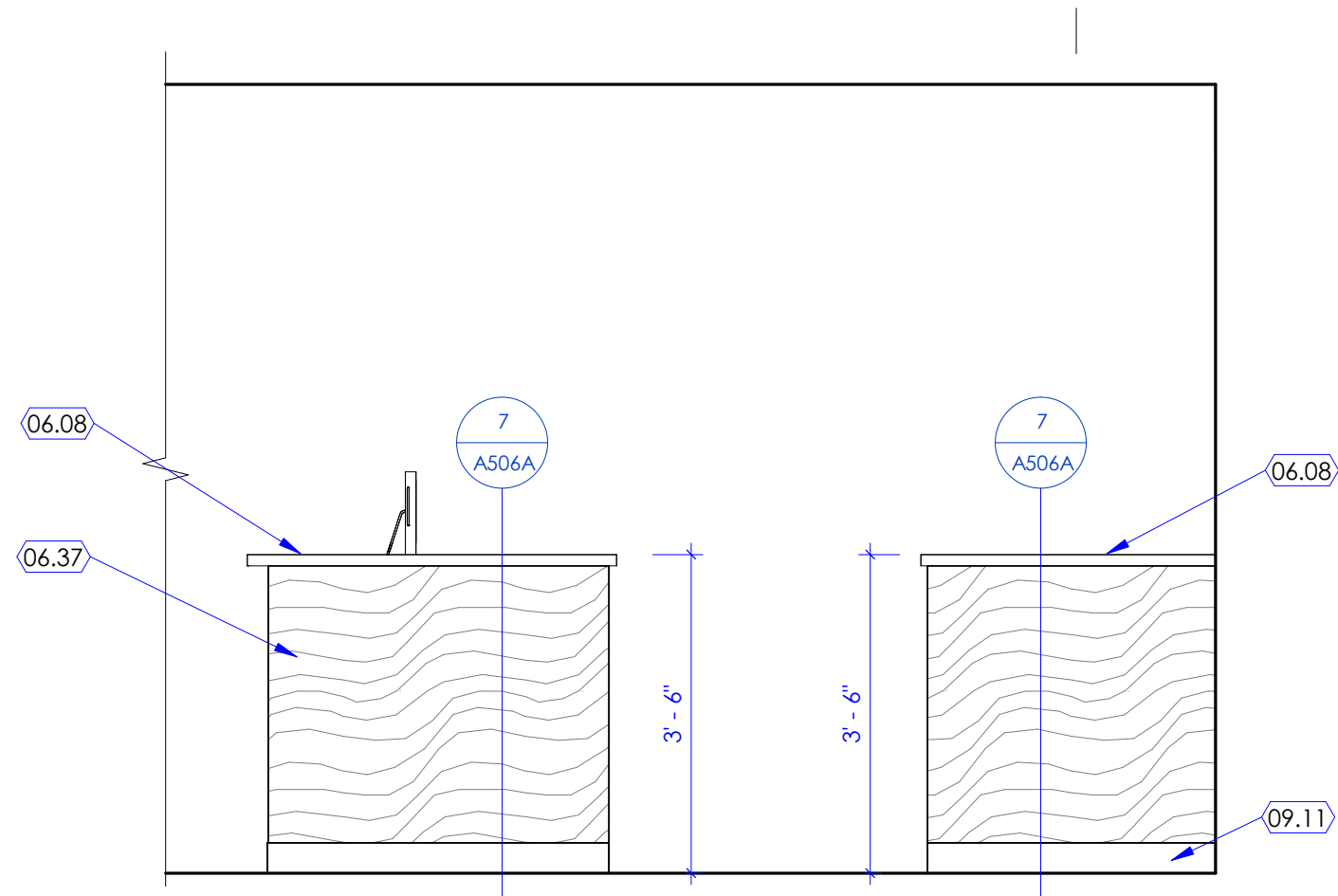
1100 Country Hills Drive
Ogden, Utah 84403

NJRA Project # 23244.00
Construction Documents Oct 8, 2024

Existing Roof
Plan

A120

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KEYED NOTES

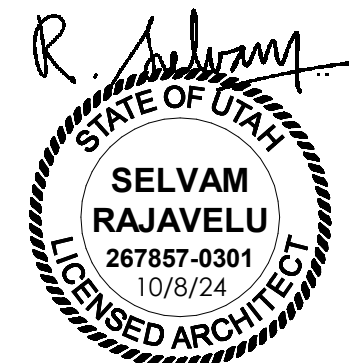
- 06.02 FILLER PANEL, PLASTIC LAMINATE WRAPPED OVER 3/4" PARTICLE BOARD. PROVIDE FILLER PANEL BETWEEN CABINETS AND BETWEEN CABINET AND WALL. TYPICAL.
- 06.04 P-LAM CLOSER PANEL TO CEILING ABOVE. SEE DETAIL 2/A505B.
- 06.05 P-LAM SLOPED DUST TOP. SEE DETAILS 1/A505B AND 2/A505B.
- 06.06 SOLID SURFACE COUNTER WITH FULL BULLNOSE EDGE AND INTEGRAL BACKSPLASH. SEE DETAIL 6/A505B. PROVIDE INTEGRAL SIDE SPLASH WHERE COUNTER ABUTS PERPENDICULAR WALL/CABINET.
- 06.07 PROVIDE SOLID SURFACE INTEGRAL SIDE SPLASH WHERE COUNTER ABUTS PERPENDICULAR WALL/CABINET.
- 06.08 SOLID SURFACE TRANSACTION COUNTER WITH FULL BULLNOSE EDGE. SEE FINISH SCHEDULE. SEE DETAIL 7/A506A.
- 06.11 SOLID SURFACE INTEGRAL SINK. BASIS OF DESIGN: CORIAN, MODEL 810L WITH OFFSET DRAIN. COLOR: GLACIER WHITE. ALSO SEE PLUMBING DWGS.
- 06.14 PROVIDE KEYLESS SECURITY LOCK AT CABINET. BASIS OF DESIGN: KIT LOCK KL100&KIT-SG BY CODELOCKS.
- 06.34 QUARTZ COUNTERTOP/TRANSACTION COUNTER. SEE DETAILS 5/A506A AND 6/A506A.
- 06.37 3/4" THICK PLASTIC LAMINATE FACED PANEL SYSTEM. ATTACH TO GYPSUM BOARD WALL USING BROOKLYN HARDWARE. CONTINUOUS ALUMINUM PANEL CLIP SYSTEM OR APPROVED EQUAL. SEE DETAILS ON SHEET A506A. P-LAM GRAIN TO RUN VERTICAL.
- 06.38 3/16" REVEAL. TYPICAL. SEE DETAILS ON SHEET A506A.
- 06.46 INSTALL BACKSPLASH TO BOTTOM OF WINDOW SILL.
- 08.01 DOOR AND DOOR FRAME. SEE DOOR SCHEDULE.
- 08.09 ALUMINUM-FRAMED STOREFRONT SYSTEM. BASIS OF DESIGN: KAWNEER TRIFAB VERSA GLAZE 451. GLAZING TO BE 1/2" THICK, CLEAR TEMPERED. CENTER GLAZED, WITH 2" SIGHTLINES AND 4-1/2" FRAME DEPTH. FINISH: ARCHITECTURAL CLASS 1 - CLEAR ANODIZED. SEE DETAILS ON SHEET A504A.
- 08.10 ALUMINUM AND GLASS DOOR. BASIS OF DESIGN: KAWNEER 350 HEAVY WALL ENTRANCE SYSTEM.
- 08.27 GLASS PARTITION BETWEEN DIRTY AND CLEAN SIDE. GLASS TO BE 1/2" THICK X DEPTH OF COUNTERTOP. GLASS TO SPAN FROM TOP OF COUNTERTOP TO BOTTOM OF UPPER WALL CABINET LINE. PROVIDE 2" RADIUS EDGE ON THE EXPOSED EDGE. PROVIDE POLISHED EDGES AT ALL TWO EXPOSED EDGES. PROVIDE 1/2" X 1/2" X .001" CONT. STAINLESS STEEL RECEIVING CHANNEL TO HOLD THE GLASS IN PLACE. CUT COUNTER BACKSPLASH TO ANCHOR GLASS TO WALL BEHIND.
- 08.29 PRIVACY FILM AT INTERIOR GLAZING. CONFIRM LOCATIONS PRIOR TO INSTALLATION. BASIS OF DESIGN: DECORATIVE FILM.
- 09.11 WALL BASE AS SCHEDULED. SEE FINISH FLOOR PLANS AND FINISH SCHEDULE FOR MATERIAL, SIZE, COLOR, ETC.
- 09.12 6" HIGH TILE BASE, BULLNOSE AND COVED. SEE FINISH FLOOR PLANS AND SCHEDULE.
- 09.13 WALL TILE. SEE FINISH FLOOR PLAN. PROVIDE 5/8" THICK CEMENT BACKER BOARD BEHIND WALL TILES. TYPICAL.
- 10.01 SOAP DISPENSER. OFCI. SEE SHEET G003 FOR MOUNTING HEIGHT.
- 10.02 PAPER TOWEL DISPENSER. OFCI. SEE SHEET G003 FOR MOUNTING HEIGHT.
- 10.03 TOILET PAPER DISPENSER. OFCI. SEE SHEET G003 FOR MOUNTING HEIGHT.
- 10.05 TOILET SEAT COVER DISPENSER. SEE SPECIFICATIONS. SEE SHEET G003 FOR MOUNTING HEIGHT.
- 10.08 MIRROR, 24 INCHES WIDE X 36" HIGH. SEE SPECIFICATIONS. MOUNT MIRROR SUCH THAT THE REFLECTIVE SURFACE OF MIRROR IS NO MORE THAN 40 INCHES AFT. SEE SHEET G003 FOR MOUNTING HEIGHT.
- 10.11 GRAB BARS. SEE SPECIFICATIONS. PROVIDE TYPE 1 METAL STUD BACKING PER DETAIL 5/A502A. SEE SHEET G003 FOR MOUNTING HEIGHTS.
- 10.20 WALL MOUNTED MOP AND BROOM HOLDER. SEE SPECIFICATIONS.
- 11.01 REFRIGERATOR. OFCI. SEE ELECTRICAL DRAWINGS.
- 11.31 PRINTER/COPIER. OFCI. SEE ELECTRICAL DRAWINGS FOR POWER AND DATA.
- 11.49 SIGNAGE. PROVIDED AND INSTALLED BY OWNERS VENDOR. PROVIDE TYPE 1 BACKING FOR WALL MOUNTED SIGNAGE PER DETAIL 5/A502A. COORDINATE WITH SIGNAGE VENDOR ON LOCATION AND EXTENT OF BACKING.
- 11.50 WALL MOUNTED CLEANING SOLUTION DISPENSER. OFCI.
- 11.52 DEPOSITORY SAFE. OFCI. SAFE TO BE ANCHORED TO SLAB ON GRADE.
- 12.02 HEIGHT ADJUSTABLE SIT/STAND DESK. PROVIDED AND INSTALLED BY OWNERS VENDOR. MIDWEST COMMERCIAL INTERIORS (MWC). SEE ELECTRICAL DRAWINGS FOR POWER. CONTRACTOR TO COORDINATE WITH MIDWEST.
- 22.01 WATER CLOSET, FLOOR MOUNTED. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. SEE PLUMBING DRAWINGS.
- 22.02 HAND WASH SINK. WALL MOUNTED. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. SEE PLUMBING DRAWINGS.
- 22.05 JANITOR'S FLOOR SINK. SEE PLUMBING DRAWINGS.
- 22.06 MOP SINK FAUCET, WALL MOUNTED. SEE PLUMBING DRAWINGS.
- 22.30 FLOOR MOUNTED WATER HEATER. SEE PLUMBING DRAWINGS. ALSO SEE ELECTRICAL DRAWINGS FOR POWER.
- 26.01 NURSE CALL/CODE BLUE. SEE ELECTRICAL DRAWINGS.
- 26.14 PROXIMITY CARD READER FOR DOOR ACCESS CONTROL SYSTEM. SEE DOOR HARDWARE SCHEDULE AND ELECTRICAL DRAWINGS.

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

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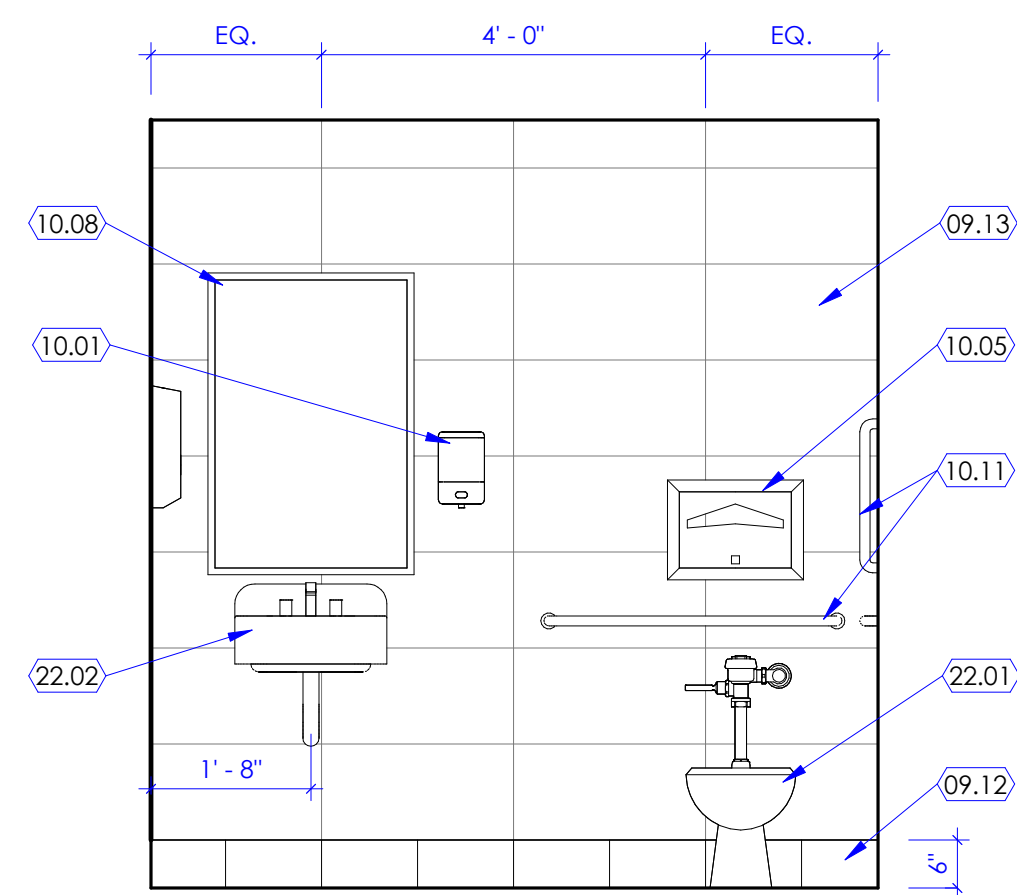
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NJRA Project # 23244.00
Construction Documents Oct 8, 2024

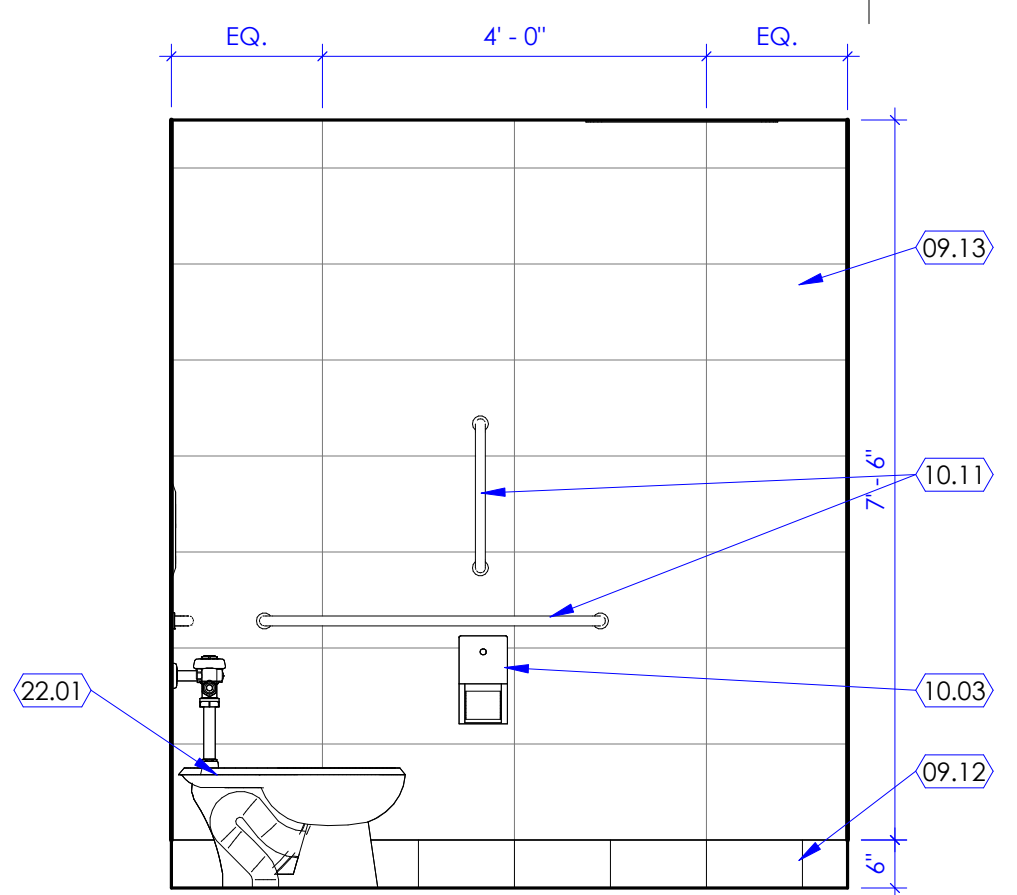
Interior
Elevations

A251

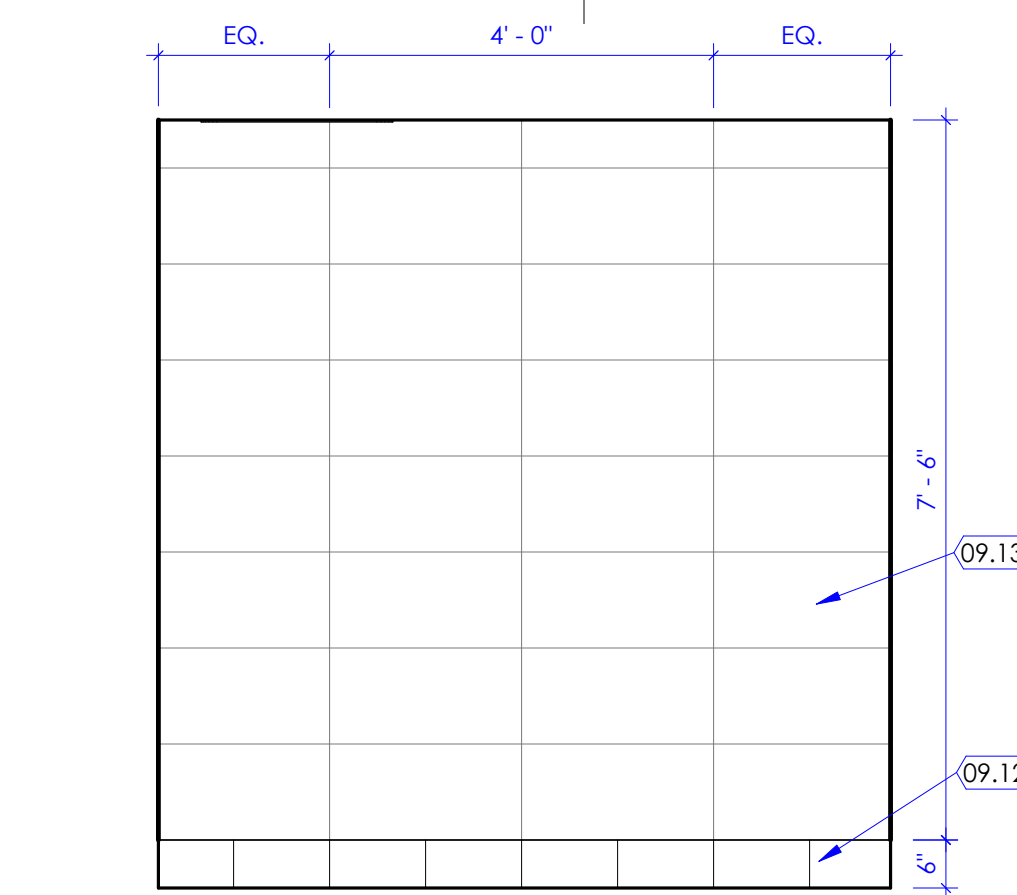
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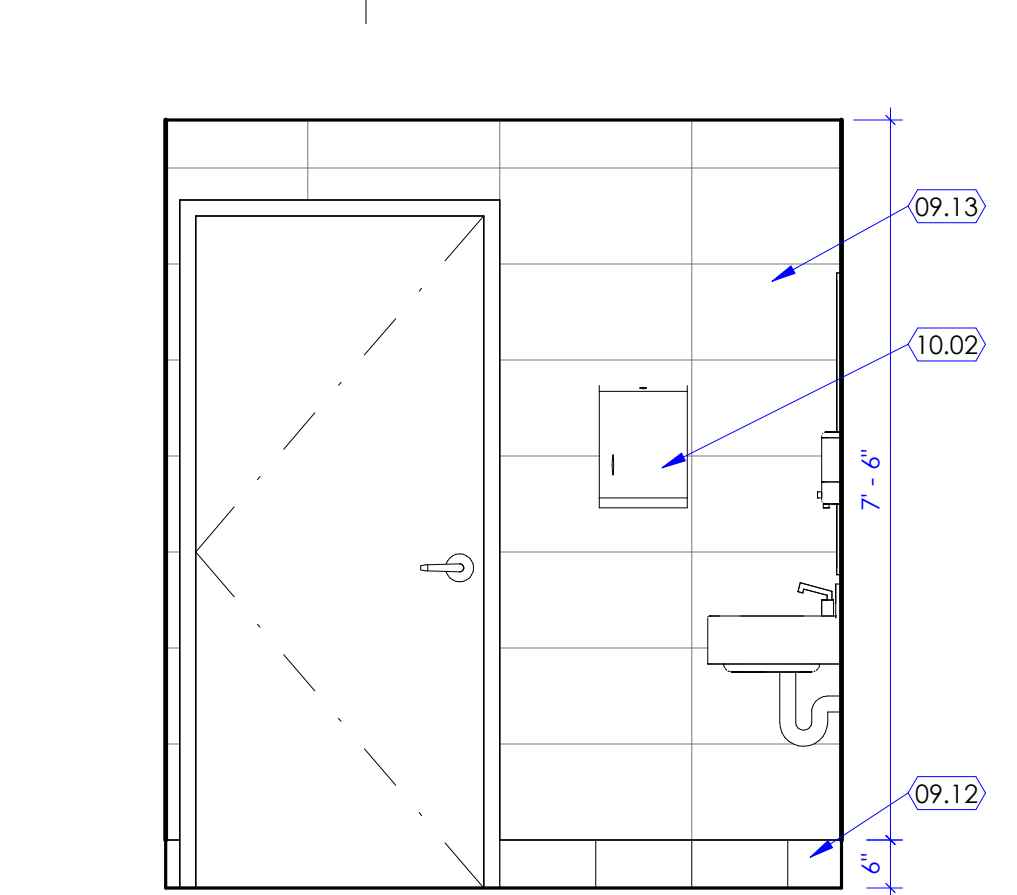
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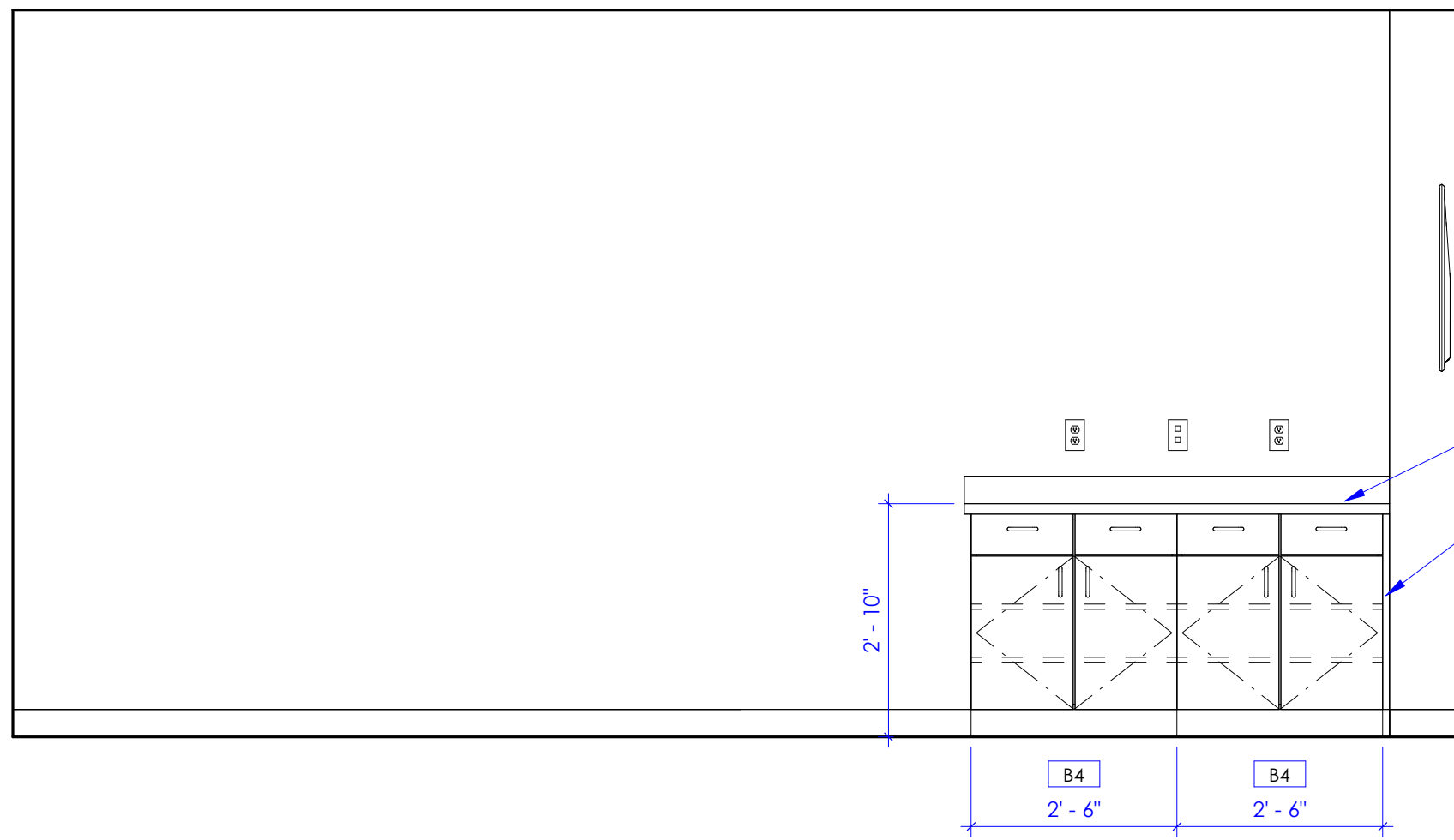
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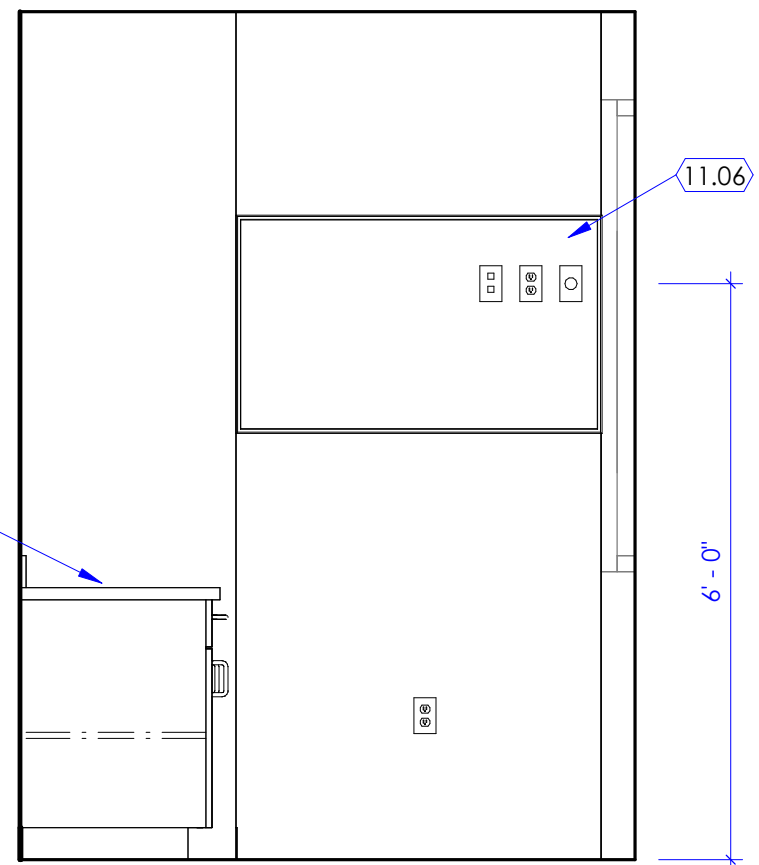
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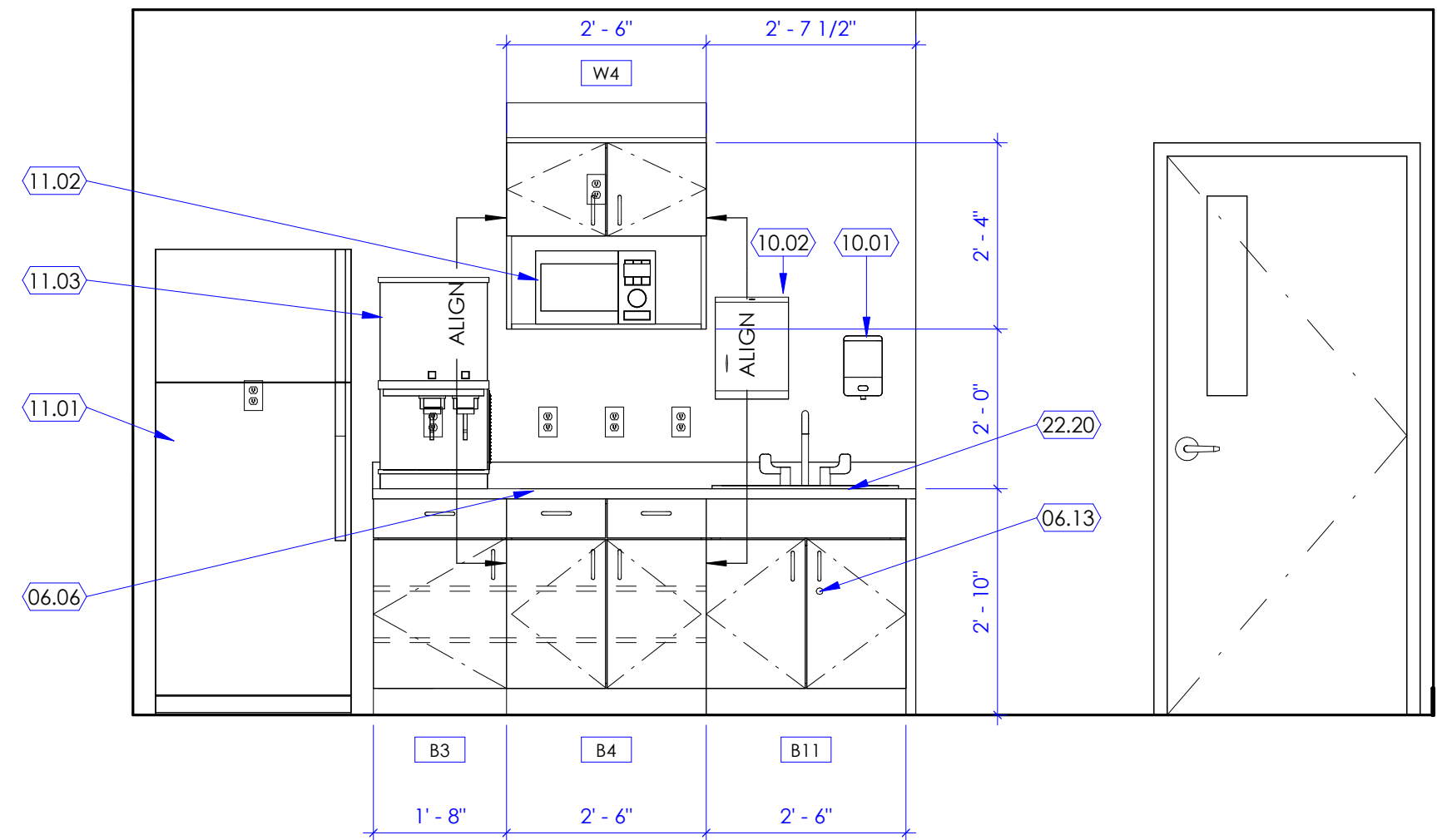
4 Staff Toilet
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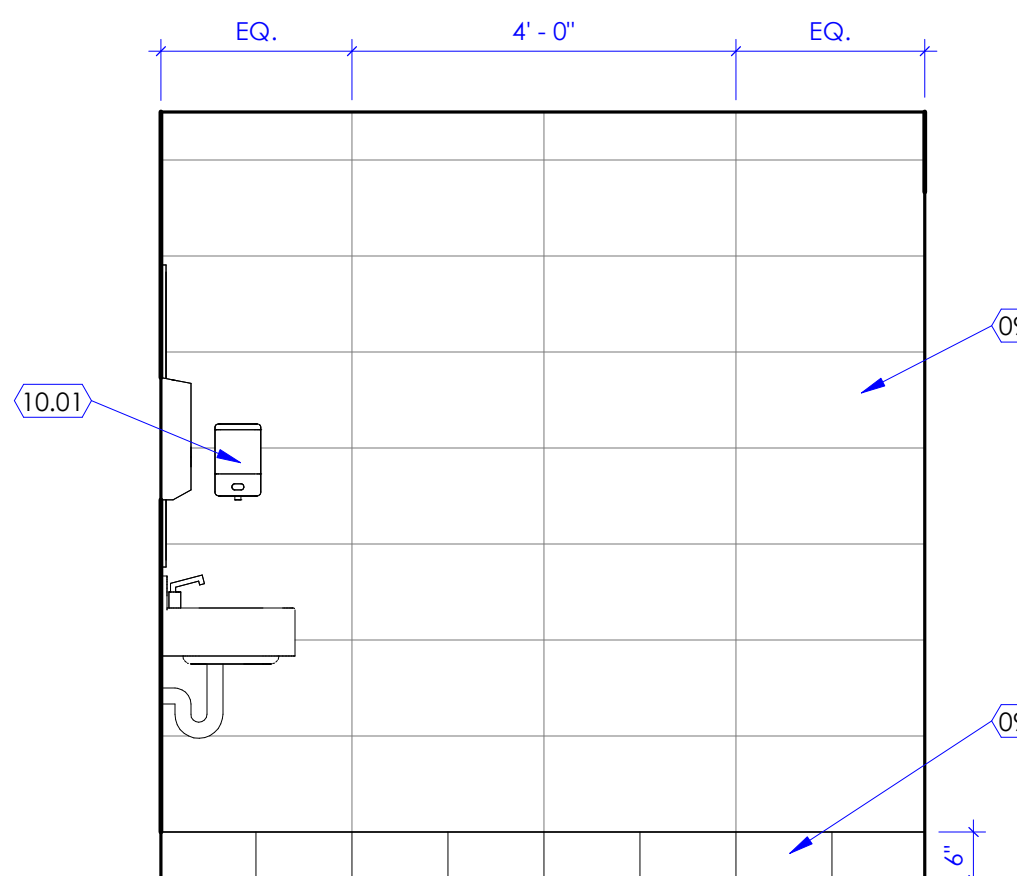
5 Conference / Staff Break Room
SCALE: 1/2" = 1'-0"



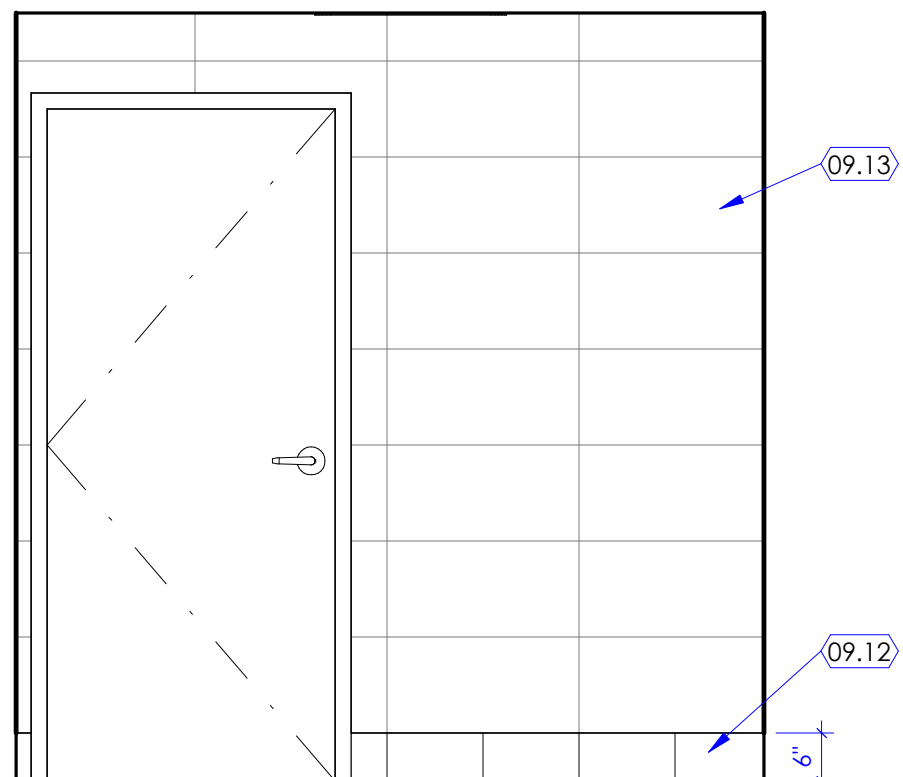
6 Conference / Staff Break Room
SCALE: 1/2" = 1'-0"



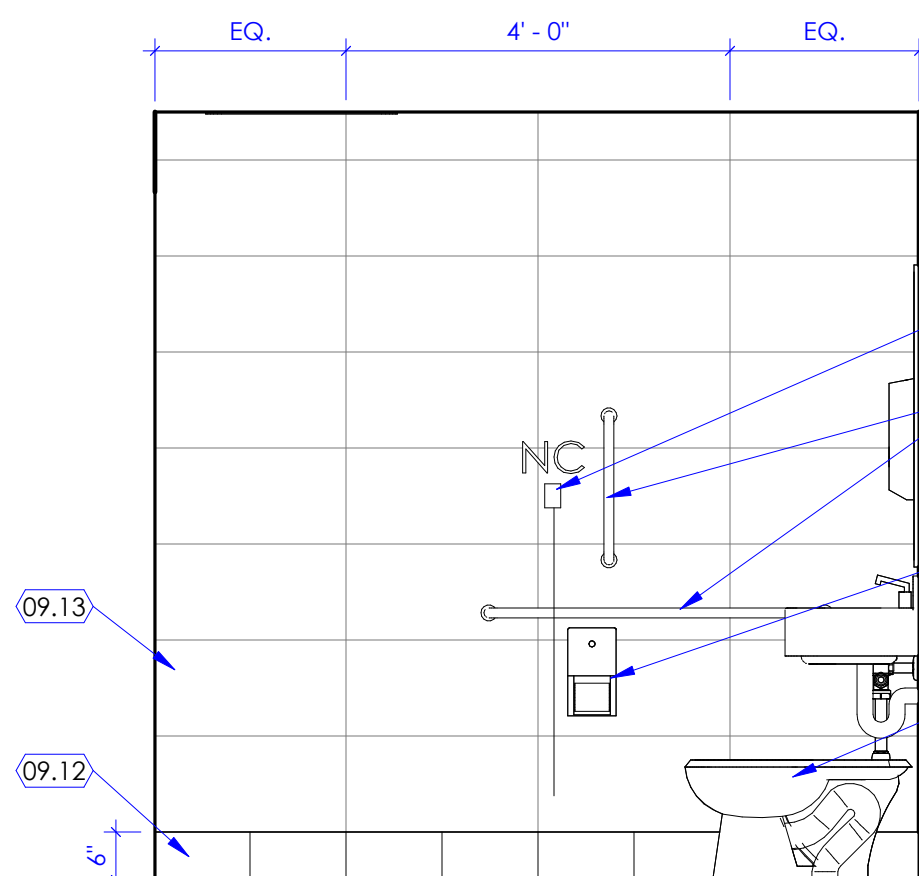
7 Conference / Staff Break Room
SCALE: 1/2" = 1'-0"



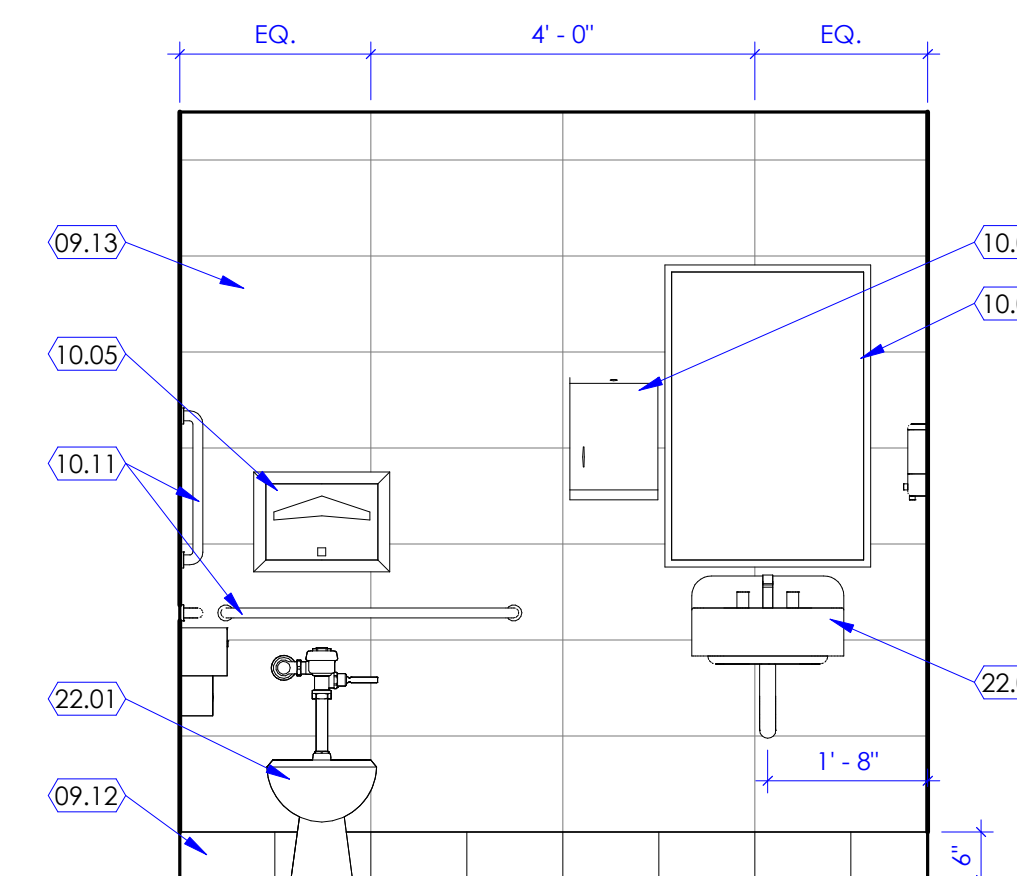
8 Public Toilet
SCALE: 1/2" = 1'-0"



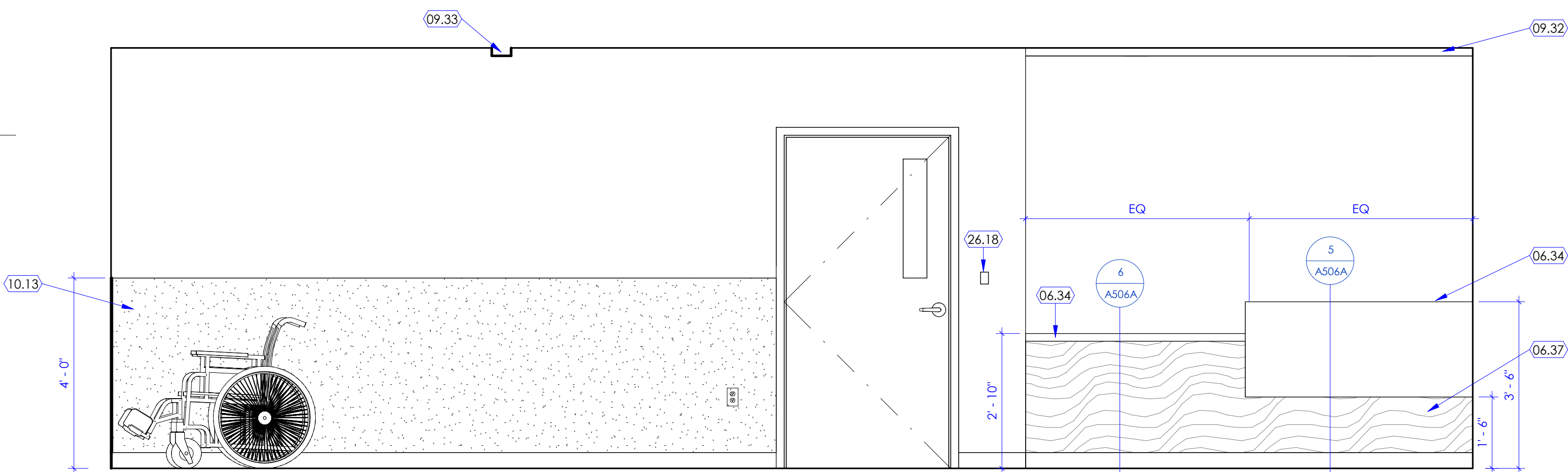
9 Public Toilet
SCALE: 1/2" = 1'-0"



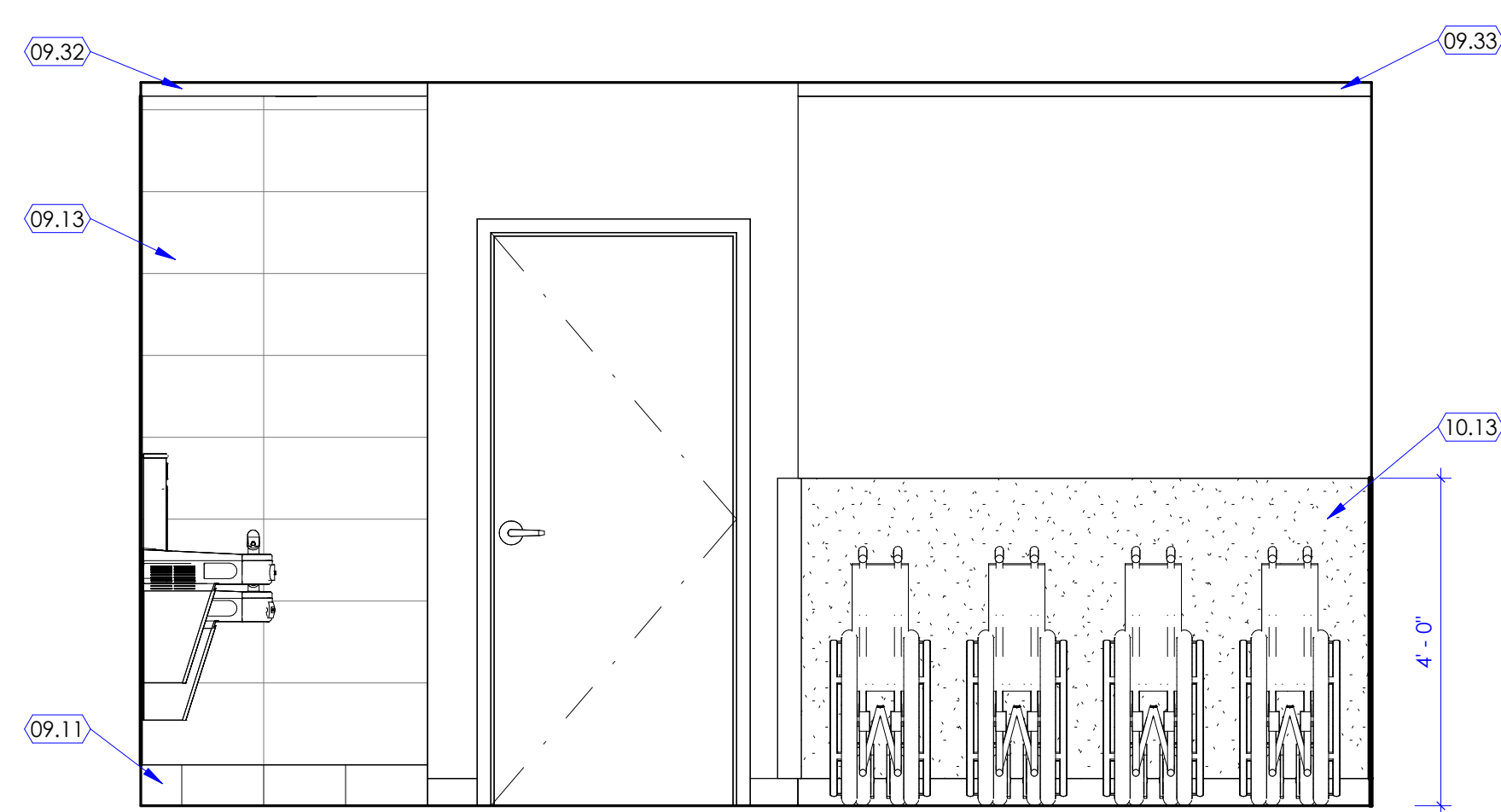
10 Public Toilet
SCALE: 1/2" = 1'-0"



11 Public Toilet
SCALE: 1/2" = 1'-0"



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



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

KEYED NOTES

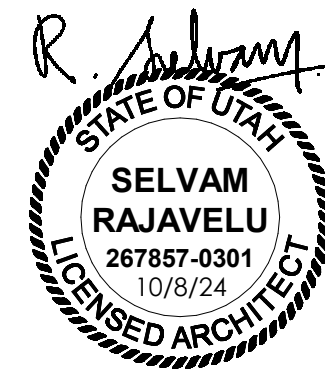
- 06.02 FILLER PANEL, PLASTIC LAMINATE WRAPPED OVER 3/4" PARTICLE BOARD. PROVIDE FILLER PANEL BETWEEN CABINETS AND BETWEEN CABINET AND WALL. TYPICAL.
- 06.06 SOLID SURFACE COUNTER WITH FULL BULLNOSE EDGE AND INTEGRAL BACKSPLASH. SEE DETAIL 6/A505B. PROVIDE INTEGRAL SIDE SPLASH WHERE COUNTER ABUTS PERPENDICULAR WALL/CABINET.
- 06.13 LOCK. PROVIDE KEYPED LOCK FOR THIS CABINET DOOR (OR DRAWER WHERE OCCURS). PROVIDE REQUIRED HARDWARE FOR THE LOCK SYSTEM.
- 06.34 QUARTZ COUNTERTOP/TRANSACTION COUNTER. SEE DETAILS 5/A506A AND 6/A506A.
- 06.37 3/4" THICK PLASTIC LAMINATE FACED PANEL SYSTEM. ATTACH TO GYPSUM BOARD WALL USING BROOKLYN HARDWARE, CONTINUOUS ALUMINUM PANEL CLIP SYSTEM OR APPROVED EQUAL. SEE DETAILS ON SHEET A506A. P-LAM GRAIN TO RUN VERTICAL.
- 09.11 WALL BASE AS SCHEDULED. SEE FINISH FLOOR PLANS AND FINISH SCHEDULE FOR MATERIAL, SIZE, COLOR, ETC.
- 09.12 6" HIGH TILE BASE, BULLNOSE AND COVED. SEE FINISH FLOOR PLANS AND SCHEDULE.
- 09.13 WALL TILE. SEE FINISH FLOOR PLAN. PROVIDE 5/8" THICK CEMENT BACKER BOARD BEHIND WALL TILES. TYPICAL.
- 09.32 GYPSUM BOARD SOFFIT. SEE DETAIL 9/A503A. SEE W/E/P DRAWINGS FOR LIGHTS AND DIFFUSERS.
- 09.33 GYPSUM BOARD HEADER. SEE DETAIL 6/A503A.
- 10.01 SOAP DISPENSER. OFCI. SEE SHEET G003 FOR MOUNTING HEIGHT.
- 10.02 PAPER TOWEL DISPENSER. OFCI. SEE SHEET G003 FOR MOUNTING HEIGHT.
- 10.03 TOILET PAPER DISPENSER. OFCI. SEE SHEET G003 FOR MOUNTING HEIGHT.
- 10.05 TOILET SEAT COVER DISPENSER. SEE SPECIFICATIONS. SEE SHEET G003 FOR MOUNTING HEIGHT.
- 10.08 MIRROR. 24 INCHES WIDE X 36" HIGH. SEE SPECIFICATIONS. MOUNT MIRROR SUCH THAT THE REFLECTIVE SURFACE OF MIRROR IS NO MORE THAN 40 INCHES AFF. SEE SHEET G003 FOR MOUNTING HEIGHT.
- 10.11 GRAB BARS. SEE SPECIFICATIONS. PROVIDE TYPE 1" METAL STUD BACKING PER DETAIL 5/A502A. SEE SHEET G003 FOR MOUNTING HEIGHTS.
- 10.13 WALL PROTECTION WAINSCOT. 0.06 INCH THICK. TOP OF WAINSCOT TO ALIGN WITH TOP OF CORNER GUARD WHERE OCCURS. SEE FINISH PLAN AND SCHEDULE.
- 11.01 REFRIGERATOR. OFCI. SEE ELECTRICAL DRAWINGS.
- 11.02 MICROWAVE. OFCI. SEE ELECTRICAL DRAWINGS. FOR MICROWAVE IN WALL CABINET PROVIDE OUTLET IN THE CABINET ABOVE WITH A GROMMET OPENING AT THE BASE OF THIS CABINET.
- 11.03 ICE AND WATER DISPENSER. OFCI. SEE PLUMBING DRAWINGS. CAREFULLY CUT AROUND BACKSPLASH BEHIND TO ACCOMMODATE FOR WASHER BOX. BOTTOM OF WALL BOX TO BE ONE INCH ABOVE COUNTERTOP. ALSO SEE ELECTRICAL DRAWINGS FOR POWER.
- 11.06 WALL MOUNTED MONITOR/TELEVISION OFCI. SEE ELECTRICAL DRAWINGS. PROVIDE 3'-0" W X 2'-0" H X 1/8 GA. SHEET METAL BACKING. COORDINATE LOCATION OF OUTLETS WITH MONITOR MOUNTING BRACKET.
- 22.01 WATER CLOSET FLOOR MOUNTED. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. SEE PLUMBING DRAWINGS.
- 22.02 HAND WASH SINK. WALL MOUNTED. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. SEE PLUMBING DRAWINGS.
- 22.20 STAINLESS STEEL SINK. SEE PLUMBING DRAWINGS. SINK TO BE INTEGRAL WITH COUNTERTOP.
- 26.01 NURSE CALL/CODE BLUE. SEE ELECTRICAL DRAWINGS.
- 26.18 PROXIMITY CARD READER FOR DOOR ACCESS CONTROL SYSTEM WITH AUTOMATED DOOR OPENER. SEE DOOR HARDWARE SCHEDULE AND ELECTRICAL DRAWINGS.

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.



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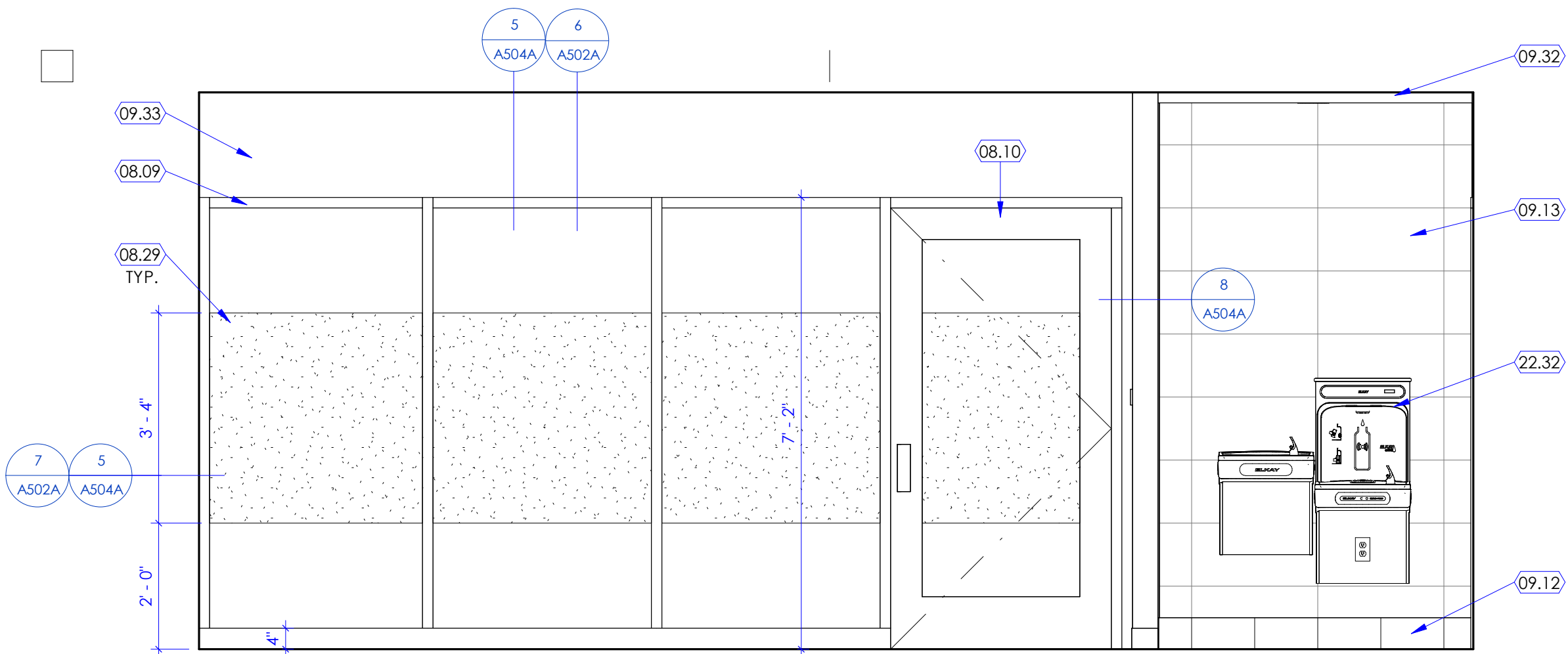
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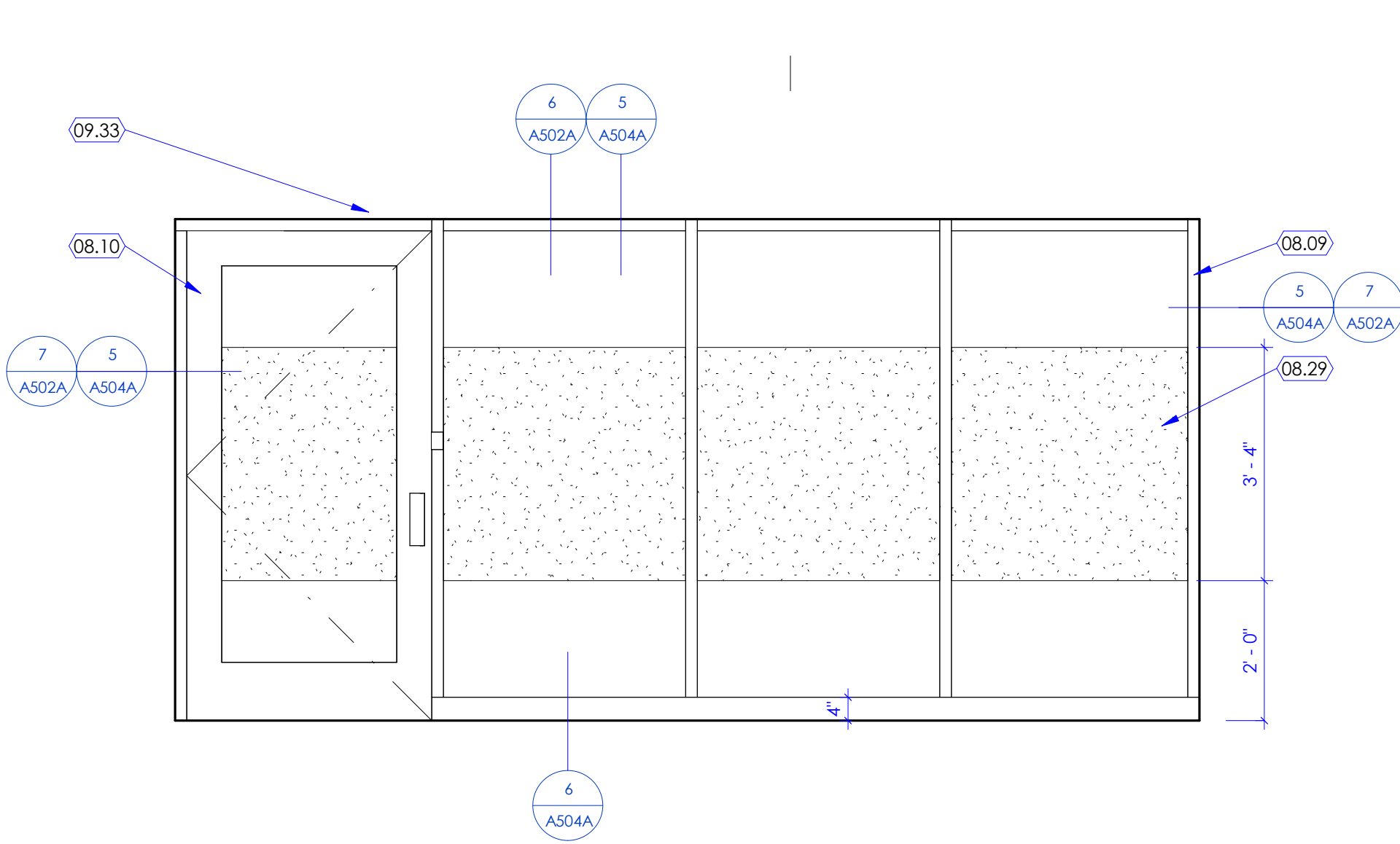
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Interior
Elevations

A252



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



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

KEYED NOTES

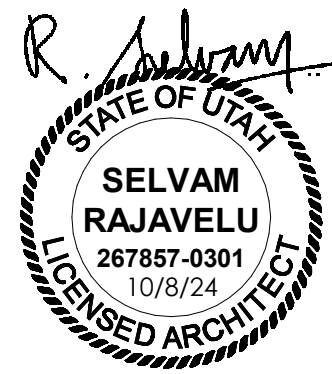
- 08.09 ALUMINUM-FRAMED STOREFRONT SYSTEM. BASIS OF DESIGN: KAWNEER TRIFAB VERSA GLAZE 451. GLAZING TO BE 1/2" THICK, CLEAR TEMPERED, CENTER GLAZED, WITH 2" SIGHTLINES AND 4-1/2" FRAME DEPTH. FINISH: ARCHITECTURAL CLASS 1 - CLEAR ANODIZED. SEE DETAILS ON SHEET A504A.
- 08.10 ALUMINUM AND GLASS DOOR. BASIS OF DESIGN: KAWNEER 350 HEAVY WALL ENTRANCE SYSTEM.
- 08.29 PRIVACY FILM AT INTERIOR GLAZING. CONFIRM LOCATIONS PRIOR TO INSTALLATION. BASIS OF DESIGN: DECORATIVE FILM.
- 09.12 6" HIGH TILE BASE, BULLNOSE AND COVED. SEE FINISH FLOOR PLANS AND SCHEDULE.
- 09.13 WALL TILE. SEE FINISH FLOOR PLAN. PROVIDE 5/8" THICK CEMENT BACKER BOARD BEHIND WALL TILES. TYPICAL.
- 09.32 GYPSUM BOARD SOFFIT. SEE DETAIL 9/A503A. SEE M/E/P DRAWINGS FOR LIGHTS AND DIFFUSERS.
- 09.33 GYPSUM BOARD HEADER. SEE DETAIL 6/A503A.
- 22.32 BI-LEVEL ELECTRIC WATER COOLER (DRINKING FOUNTAIN) WITH BOTTLE FILLER. MOUNTING HEIGHT AND IN-WALL BACKING PER MANUFACTURER. ETC. SEE PLUMBING DWGS.

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.



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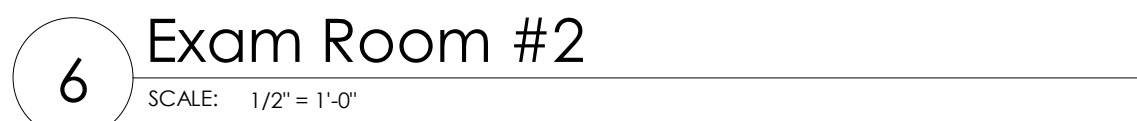
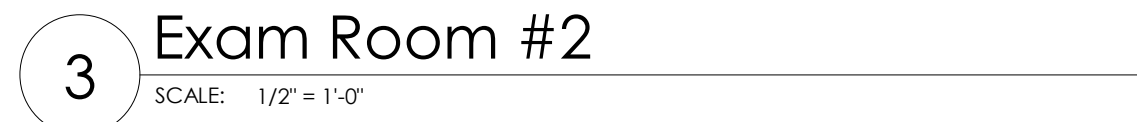
Intermountain Health
Intermountain Kidney Services
Ogden Kidney Clinic

1100 Country Hills Drive
Ogden, Utah 84403

NJRA Project # 23244.00
Construction Documents Oct 8, 2024

Interior
Elevations

A253



GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

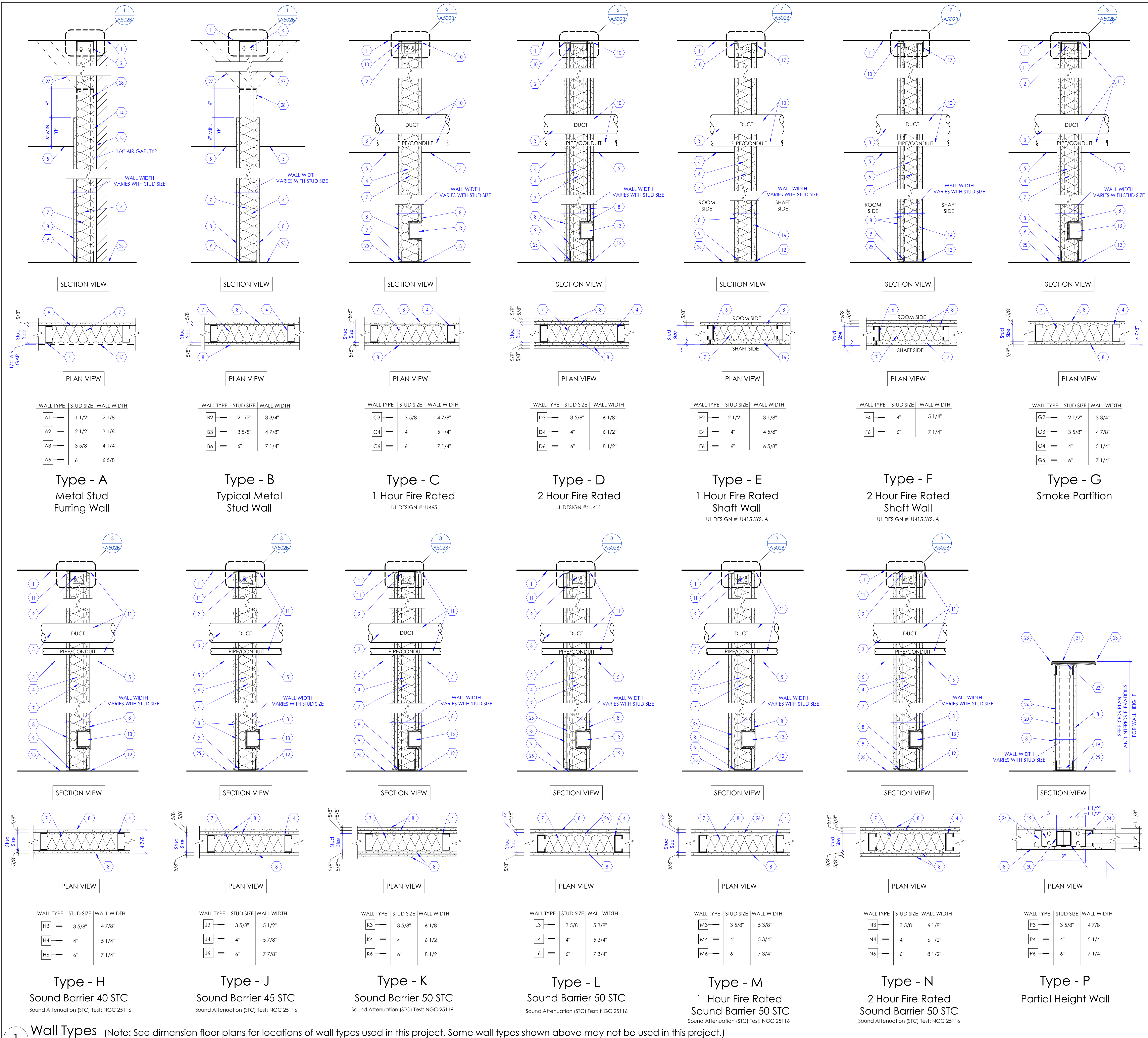
1100 Country Hills Drive
Ogden, Utah 84403

NJRA Project #	23244.00
Construction Documents	Oct 8, 2023

Enlarged Views

A401





KEYED NOTE

- LINE OF FLOOR OR ROOF DECK AS OCCURS.
- TO ACCOMMODATE FOR STRUCTURE DEFLECTION, PROVIDE SLIP CONNECTION BETWEEN TOP RUNNER TRACK AND METAL STUD FRAMING. SEE DETAIL 11 / A502A
- STUD FRAMING AROUND DUCT OPENINGS. SEE DETAIL 11 / A502A
- METAL STUDS, 20 GA (33 MILS) AT 16" O.C. UNO. BASED ON WALL TYPES INDICATED IN FLOOR PLAN. PROVIDE STUD SIZE AS INDICATED IN WALL TYPES WITH TRACK RUNNERS AT TOP AND BOTTOM. FOR STUD FRAMING AROUND DOOR AND WINDOW OPENINGS, SEE DETAIL 11 / A502A
- LINE OF CEILING AS OCCURS. SEE REFLECTED CEILING PLAN.
- STEEL STUDS, "C" SHAPED, 20 GA AT 24" O.C.
- PROVIDE ACOUSTIC INSULATION BLANKET FOR FULL DEPTH OF THE STUD CAVITY THROUGHOUT. UNO. FOR 4" & 3 5/8" STUDS PROVIDE R-13 UNFACED BATT INSULATION AND FOR 6" STUDS PROVIDE R-19 UNFACED BATT INSULATION. PROVIDE KRAFT FACED INSULATION FOR ALL APPLICATIONS AT EXTERIOR WALLS.
- GYPSUM BOARD, 5/8" THICK, TYPE "X", UNO. ATTACHED TO METAL STUD FRAMING. SEE GENERAL NOTE "B" BELOW.
- ANCHOR BASE TRACK TO CONCRETE FLOOR BELOW. SEE DETAIL 8 / A502A
- FILL GAP BETWEEN DECK AND METAL TRACK TOP RUNNER WITH FIRESTOP SEALANT, SEAL TIGHTLY AROUND ALL PIPES, CONDUITS, DUCTS, ETC. ON EACH SIDE OF THE FIRE BARRIER WALL (CONTINUOUS) WITH APPROVED FIRESTOP SEALANT INSTALLED AROUND ALL PENETRATIONS TO MAINTAIN THE INTEGRITY OF THE FIRE BARRIER.
- FILL GAP BETWEEN DECK AND METAL TRACK TOP RUNNER WITH ACOUSTIC SEALANT, SEAL TIGHTLY AROUND ALL PIPES, CONDUITS, DUCTS, ETC. ON EACH SIDE OF THE WALL (CONTINUOUS) AND AROUND ALL PENETRATIONS TO MAINTAIN THE INTEGRITY OF THE WALL.
- STOP GYPSUM BOARD 1/4" ABOVE THE FLOOR TYP. ON EACH SIDE OF WALL. PROVIDE ACOUSTIC SEALANT AT SOUND WALLS AND FIRESTOP SEALANT AT RATED WALLS ON EACH SIDE OF THE WALL (CONTINUOUS).
- OUTLET BOX AS OCCURS. PROVIDE FIRE BARRIER MOLDABLE PUTTY PADS AND FIRESTOP SEALANT AROUND ELECTRICAL BOXES AT ALL RATED WALLS AND SOUND BARRIER WALLS AND AT BACK TO BACK ELECTRICAL BOXES AT SMOKE PARTITION WALLS, TYP.
- PROVIDE STRAPPING AND BLOCKING AT FURRING WALL. SEE DETAIL 12 / A502A
- LINE INDICATES EXISTING WALL OR STRUCTURE. PROVIDE 1/4" AIR GAP.
- GYPSUM BOARD SHAFT LINER PANEL, 1" THICK, TYPE "X", ATTACHED TO C-H STUDS.
- STEEL RUNNER, "I" SHAPED WITH UNEQUAL LEGS OF 1" AND 2", 20 GA. ATTACHED TO FLOOR AND STRUCTURE ABOVE WITH FASTENERS LOCATED NO GREATER THAN 2" FROM ENDS AND NO MORE THAN 24" O.C. RUNNERS SHOULD BE POSITIONED WITH SHORT LEG TO FINISHED SIDE OF WALL.
- STOP STUD RUNNER AT BASE PLATES.
- STEEL PLATE, 3/8" THICK WITH 4-1/2" DIA. HILTI-HY200 EPOXY ANCHORS WITH 2-3/8" HILTI-HIT-2 ANCHORS. EMBED INTO CONCRETE 2-3/8".
- TUBE STEEL 3" x 3" x 3/16" AT 4'-0" O.C. SEE DETAIL 3/A506A
- WALL CAP, SOLID SURFACE MATERIAL ATTACHED TO WALL BELOW.
- PLYWOOD, 3/4" THICK, CONTINUOUS FIRE TREATED. ATTACH PLYWOOD TO VERTICAL STEEL TUBE POST WITH "L" SHAPED METAL CLIPS AND FASTENERS.
- PROVIDE FULL BULNOSE EDGE, CONTINUOUS.
- METAL STUDS 16 GA AT 16" O.C. PROVIDE RUNNERS AT TOP AND BOTTOM. ATTACH TOP RUNNER TO PLYWOOD AND VERTICAL STEEL POST.
- LINE OF FLOOR.
- RESILIENT CHANNEL, 2" X 1/2", INSTALLED HORIZONTALLY AND SPACED AT 24" O.C.
- WHERE CONDITIONS PROHIBIT EXTENDING STUDS TO DECK, PROVIDE CROSS BRACING FROM TOP RUNNER OF WALL TO STRUCTURE ABOVE WITH 5/8" 20 GA STUDS AT 4'-0" O.C. ALTERNATE DIRECTION OF BRACING TO STRUCTURE EVERY 48" AS CONDITIONS ALLOW.
- TOP TRACK, 18 GA. REQUIRED AT CROSS-BRACED WALLS.

GENERAL NOTES

- CONTRACTOR SHALL VERIFY ITEMS LIKE SEMI OR FULLY RECESSED MISCELLANEOUS BOXES, PANELS, PLUMBING LINES, CONDUITS, PIPES, ETC. THAT ARE CONCEALED IN THE WALL IF 3/8" METAL STUDS ARE INADEQUATE. CONTRACTOR SHALL NOTIFY THE ARCHITECT AND USE 6" STUDS. COORDINATE WITH ALL THE CONSULTANT DRAWINGS PRIOR TO WALL CONSTRUCTION AND USE 4" OR 8", 20 GAUGE METAL STUDS FOR FRAMING IN LIEU OF 3/8" METAL STUDS.
- USE 5/8" CEMENTITIOUS BOARD IF CERAMIC OR PORCELAIN WALL TILES ARE INDICATED IN THE FINISH SCHEDULE AS WALL FINISH. CEMENTITIOUS BOARD SHALL EXTEND FROM FINISHED FLOOR TO HEIGHT OF TILE. 5/8" WATER RESISTANT GYPSUM BOARD TO BE USED ABOVE TILE HEIGHT IN RESTROOMS. SEE FLOOR PLANS FOR CERTAIN UNIQUE LOCATIONS THAT REQUIRE LEAD LINED GYPSUM BOARD, IMPACT RESISTANT GYPSUM BOARD, SOUND ATTENUATION GYPSUM BOARD, ETC.
- PROVIDE CONTROL JOINT AS PER DETAIL 14 / A502A WHEN LENGTH OF GYPSUM BOARD EXCEEDS 50' IN ONE DIRECTION OR AS DIRECTED BY ARCHITECT. COORDINATE WITH ARCHITECT FOR CONTROL JOINT LOCATIONS. WHEN GYPSUM BOARD OR CEMENTITIOUS BOARD IS ATTACHED VERTICALLY, USE 1" LONG #4 DRYWALL SCREWS TO EACH STUD. SCREWS ARE 8" O.C. AT PERIMETER AND 12" AT INTERMEDIATE STUD. WHEN GYPSUM BOARD IS ATTACHED HORIZONTALLY TO STUDS, HORIZONTAL JOINTS SHALL BE STAGGERED WITH THOSE ON THE OPPOSITE SIDE. SCREWS FOR HORIZONTAL APPLICATION SHALL BE 8" O.C. AT VERTICAL EDGES AND 12" O.C. AT INTERMEDIATE STUDS.
- FOR LOCATION OF FIRE RATED WALLS AND SMOKE PARTITION WALLS SEE CODE COMPLIANCE PLAN.
- SEE DIMENSION FLOOR PLANS FOR WALL TYPES USED IN THIS PROJECT. SOME WALL TYPES MAY NOT BE USED IN THIS PROJECT.
- WHERE LEAD LINED WALLS ARE INDICATED ON THE DRAWINGS, USE 16 GA STUDS IN LIEU OF THE GAUGE OF STUDS CALLED OUT IN THE WALL TYPES.
- IN PLACES WHERE MECHANICAL DUCTS ARE DESIGNED TO PENETRATE THE FLOOR, MEET THE REQUIREMENTS OF FIRE RATING. PROVIDE A TWO-HOUR FIRE RATED ENCLOSURE AT TOP AND BOTTOM OF SHAFT AS INDICATED IN DETAILS 5 / A502B AND 8 / A502B
- IN PLACES WHERE A TWO-HOUR HORIZONTAL ENCLOSURE IS REQUIRED TO SEPARATE THE DUCTS FROM THE SPACE BELOW, PROVIDE A TWO-HOUR FIRE RATED HORIZONTAL ASSEMBLY AS PER DETAILS 5 / A502B AND 8 / A502A
- IN PLACES WHERE BACKING IS REQUIRED IN WALLS TO SUPPORT WALL HUNG EQUIPMENT, CABINETS, ETC. PROVIDE BACKING IN WALL PER DETAILS 5 / A502A AND 13 / A502A

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Wall Types

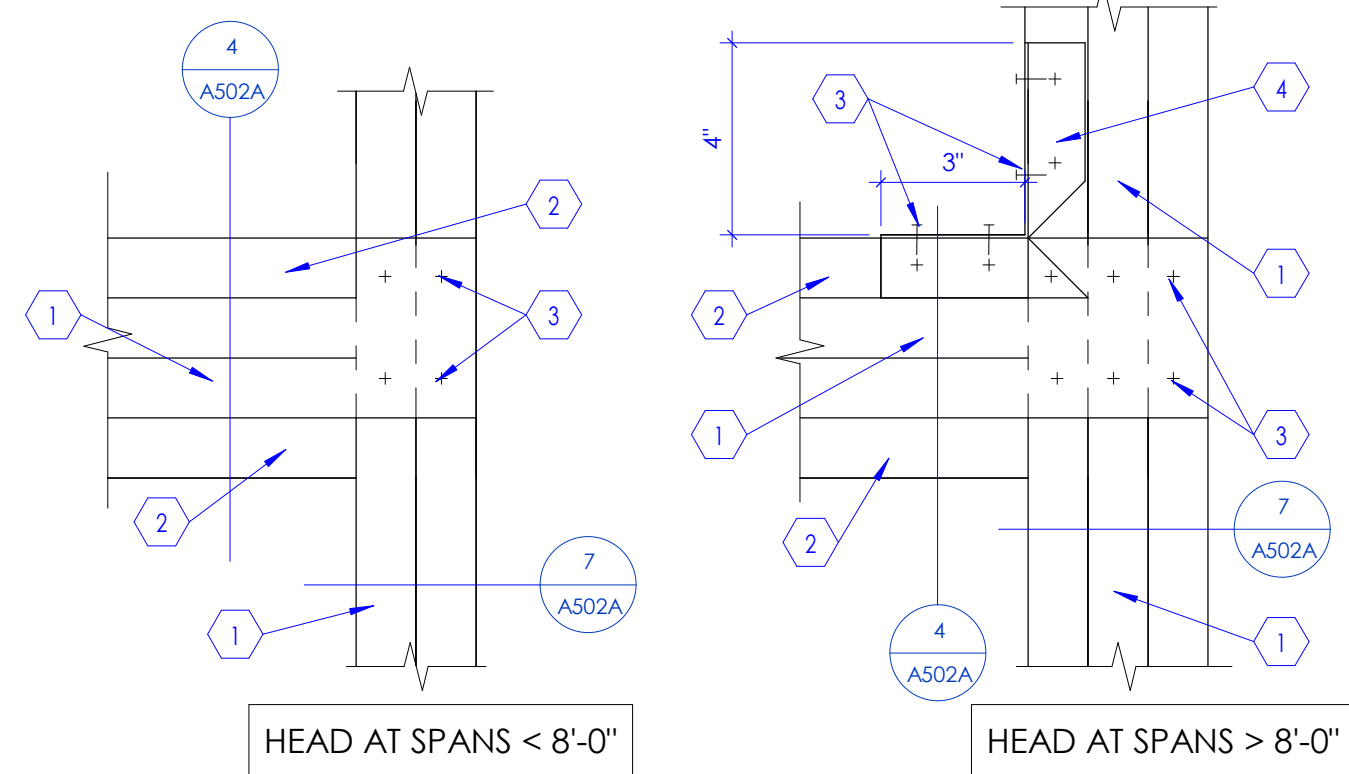
A501A

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STATE OF UTAH
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LICENSED ARCHITECT

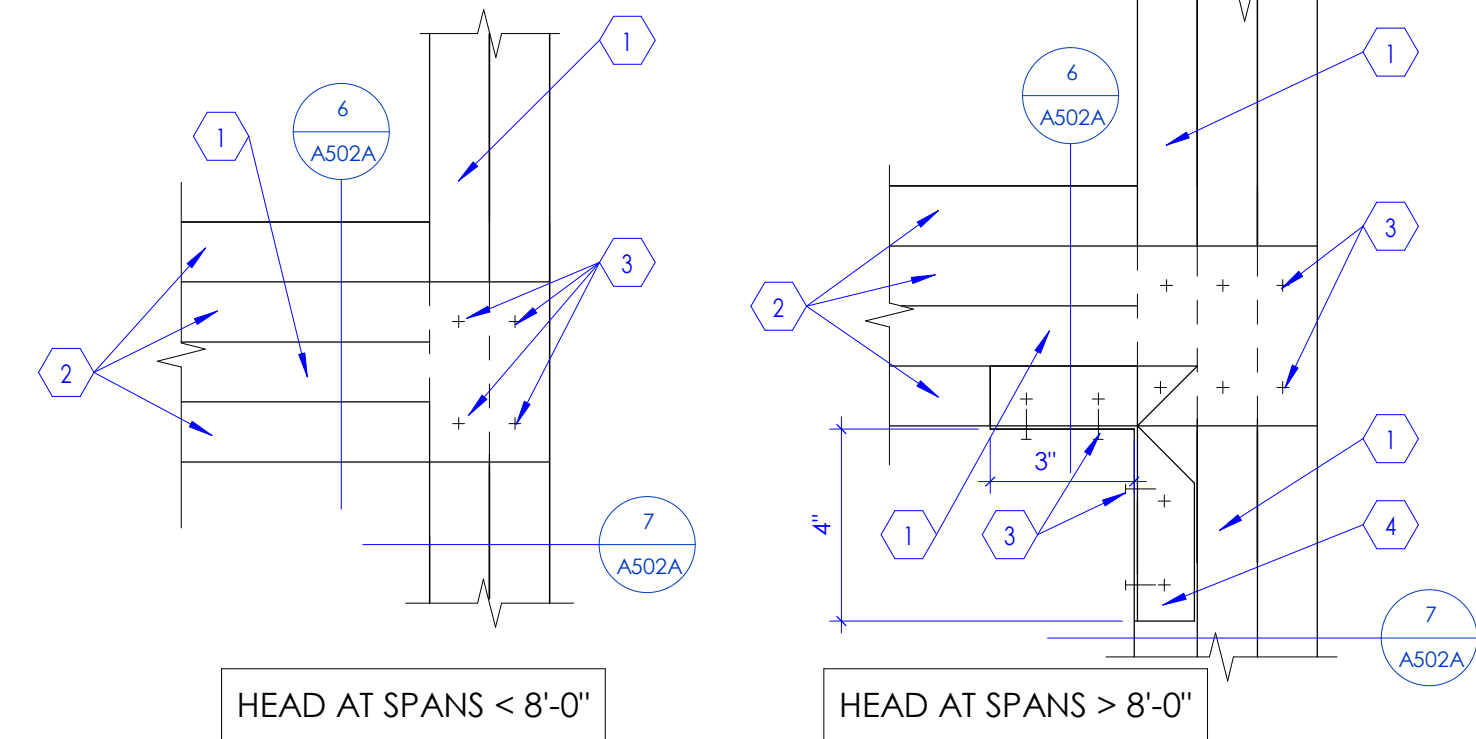
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KEYED NOTES

1. METAL STUDS, SEE DETAIL 4 / A502A
2. METAL TRACK, SEE DETAIL 4 / A502A
3. SHEET METAL SCREWS #12 EA, SIDE
4. BENT TRACK - 18 GA MIN, COPE WEB AT JAMB-SILL CONDITION.

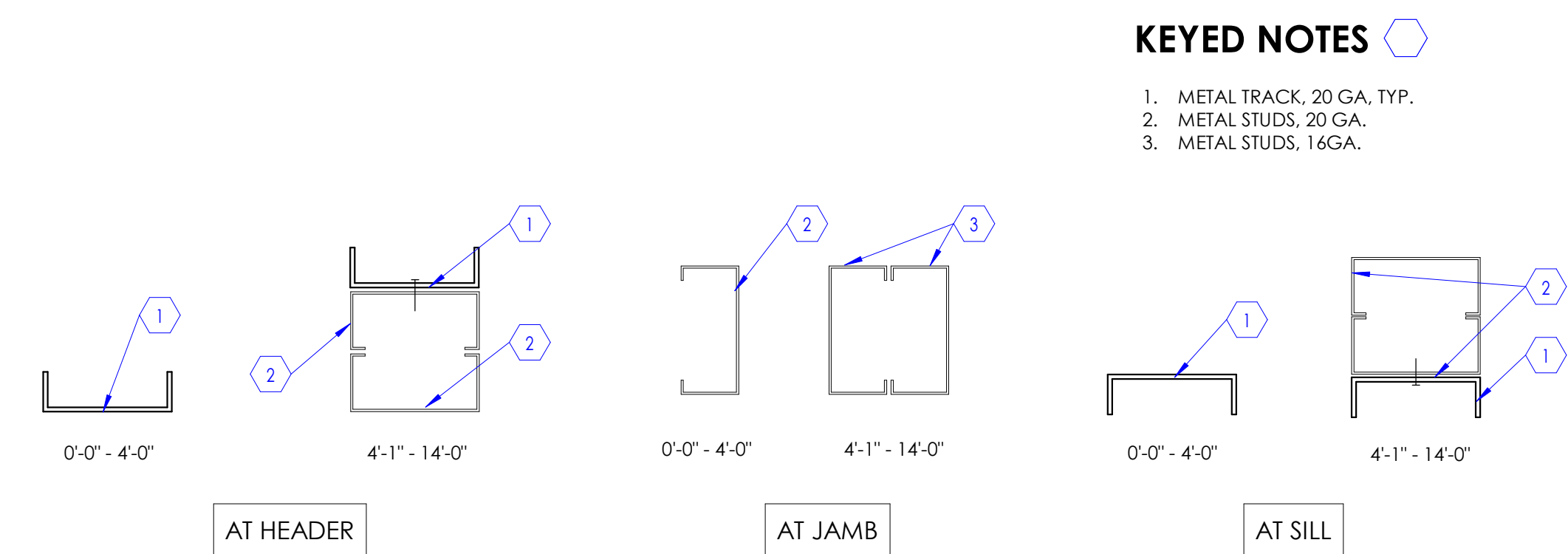
1 Framed Opening at Jamb/Sill Corner
SCALE: 3" = 1'-0"



KEYED NOTES

1. METAL STUDS, SEE DETAIL 4 / A502A
2. METAL TRACK, SEE DETAIL 4 / A502A
3. SHEET METAL SCREWS #12 EA, SIDE
4. BENT TRACK - 18 GA MIN, COPE WEB AT JAMB-HEADER CONDITION.

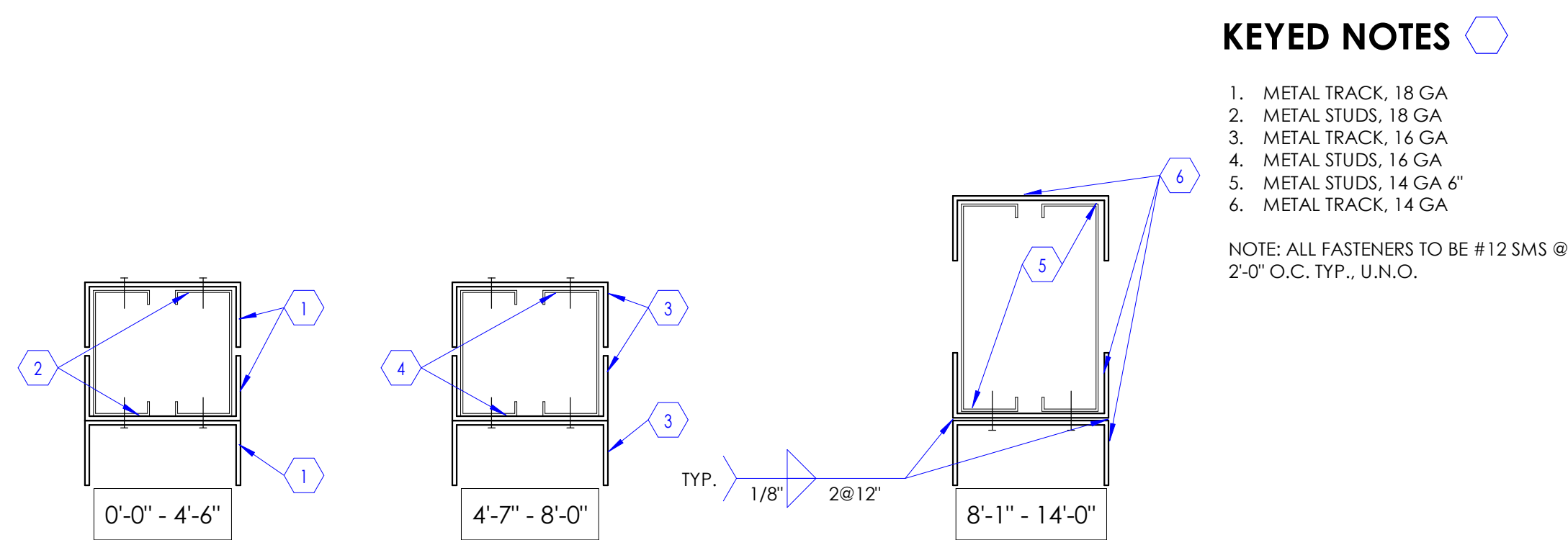
2 Framed Opening at Jamb/Head Corner
SCALE: 3" = 1'-0"



KEYED NOTES

1. METAL TRACK, 20 GA, TYP.
2. METAL STUDS, 20 GA.
3. METAL STUDS, 16 GA.

3 Typical Duct Opening
SCALE: 3" = 1'-0"

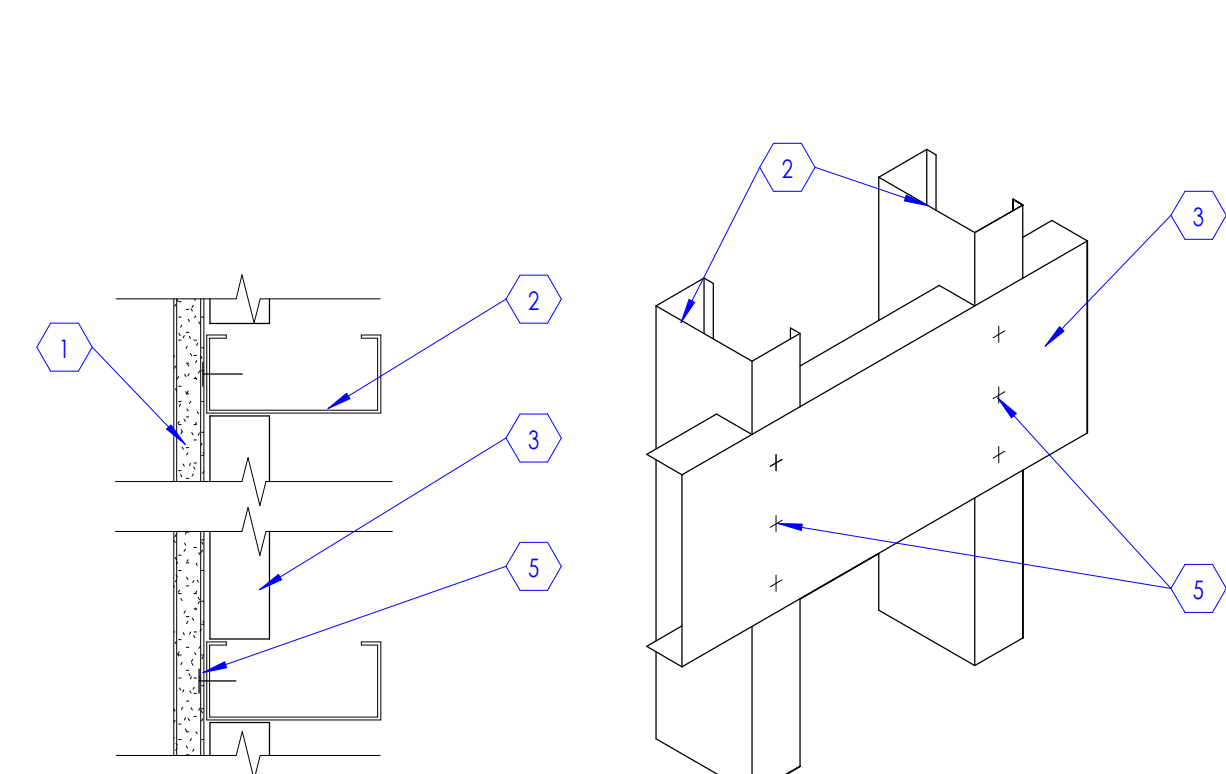


KEYED NOTES

1. METAL TRACK, 18 GA
2. METAL STUDS, 18 GA
3. METAL TRACK, 16 GA
4. METAL STUDS, 16 GA
5. METAL STUDS, 14 GA 6"
6. METAL TRACK, 14 GA

NOTE: ALL FASTENERS TO BE #12 SMS @ 2'-0" O.C. TYP., U.N.O.

4 Typical Window Opening Framing at Sill
SCALE: 3" = 1'-0"



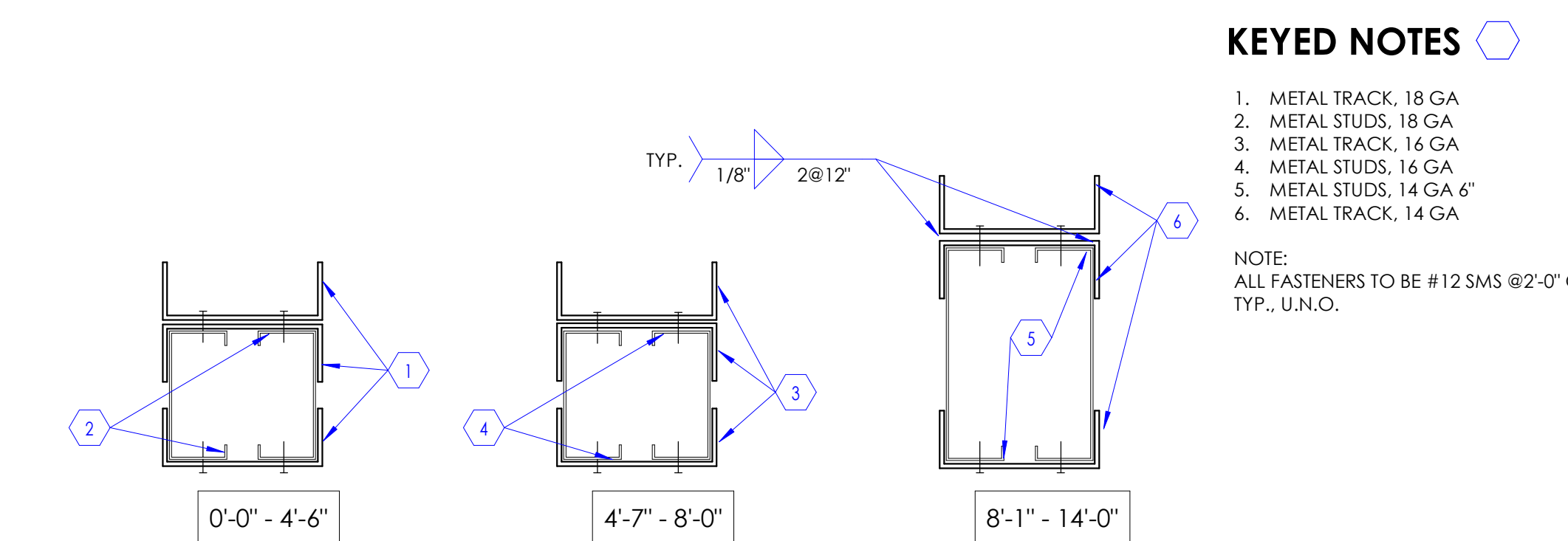
KEYED NOTES

1. GYPSUM BOARD 5/8" TYPE 'X'.
2. EXISTING OR NEW 3 5/8" OR 6" METAL STUDS AT 16" O.C.
3. METAL STUD BLOCKING 6" X 16" GA. EXTEND BLOCKING TO NEXT STUD BEYOND EQUIPMENT - TYPICAL BOTH SIDES.
4. SHEET METAL BACKING 6" X 12" GA. EXTEND BLOCKING TO NEXT STUD BEYOND EQUIPMENT - TYPICAL BOTH SIDES.
5. SHEET METAL SCREW #10 AT EACH STUD.
6. WHERE WALL TYPE INCLUDES RESILIENT CHANNELS, USE ADDITIONAL CHANNELS AS FURRING FOR BACKING AS REQUIRED.

GENERAL NOTES

1. EXTEND BACKING PLATE TO NEXT STUD BEYOND SIDE OF FIXTURE OR ACCESSORIES - BOTH SIDES.
2. PROVIDE METAL SLEEVES THROUGH WALL FINISH AT FIXTURE AND EQUIPMENT FASTENING.
3. FOR MECHANICAL WORK ANCHORAGE SEE MECHANICAL DRAWINGS.

5 Backing Plate Schedule
SCALE: 3" = 1'-0"

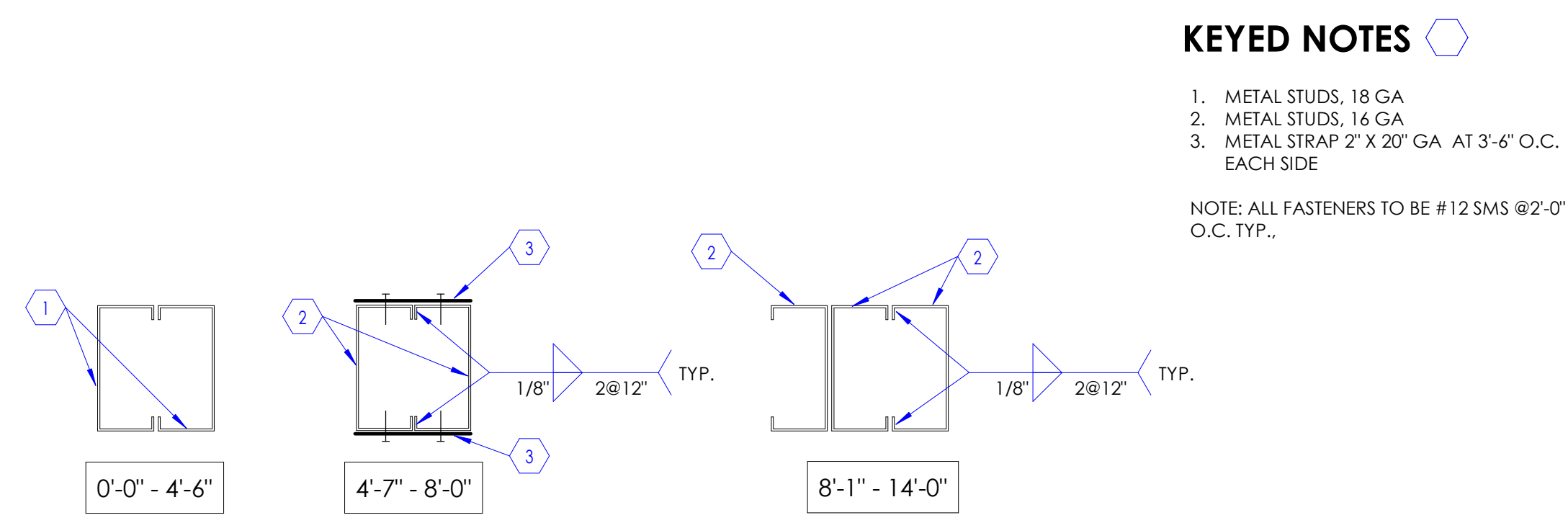


KEYED NOTES

1. METAL TRACK, 18 GA
2. METAL STUDS, 18 GA
3. METAL TRACK, 16 GA
4. METAL STUDS, 16 GA
5. METAL STUDS, 14 GA 6"
6. METAL TRACK, 14 GA

NOTE: ALL FASTENERS TO BE #12 SMS @ 2'-0" O.C. TYP., U.N.O.

6 Typical Door and Window Opening Framing at Header
SCALE: 3" = 1'-0"

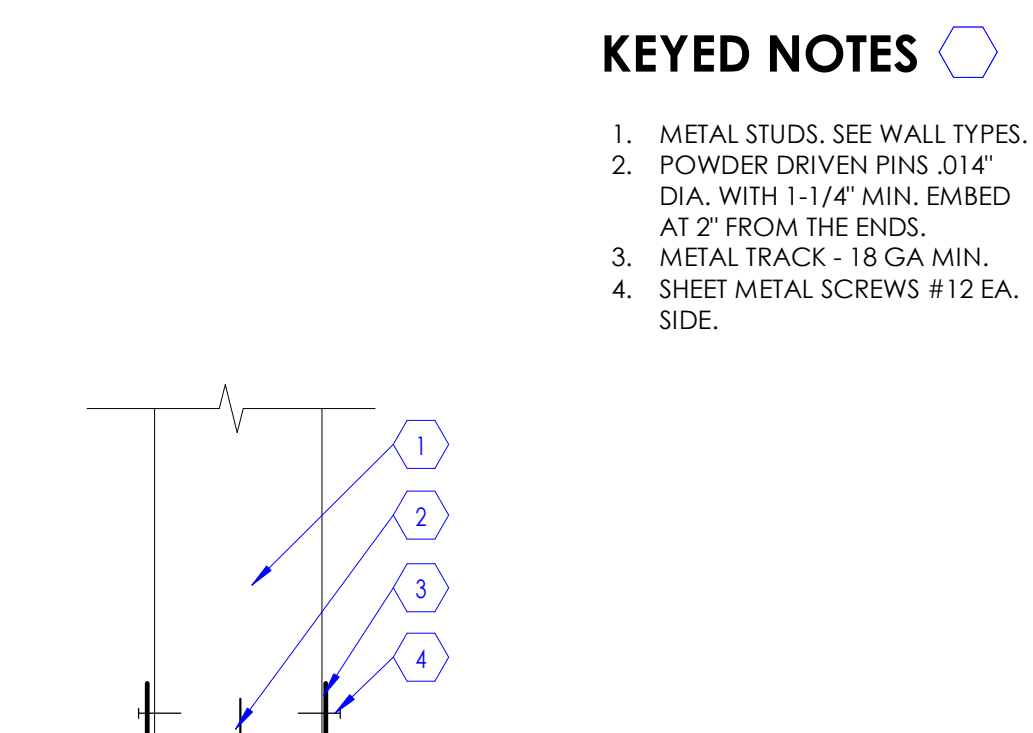


KEYED NOTES

1. METAL STUDS, 18 GA
2. METAL STUDS, 16 GA
3. METAL STRAP 2" X 20" GA AT 3'-6" O.C. EACH SIDE

NOTE: ALL FASTENERS TO BE #12 SMS @ 2'-0" O.C. TYP., U.N.O.

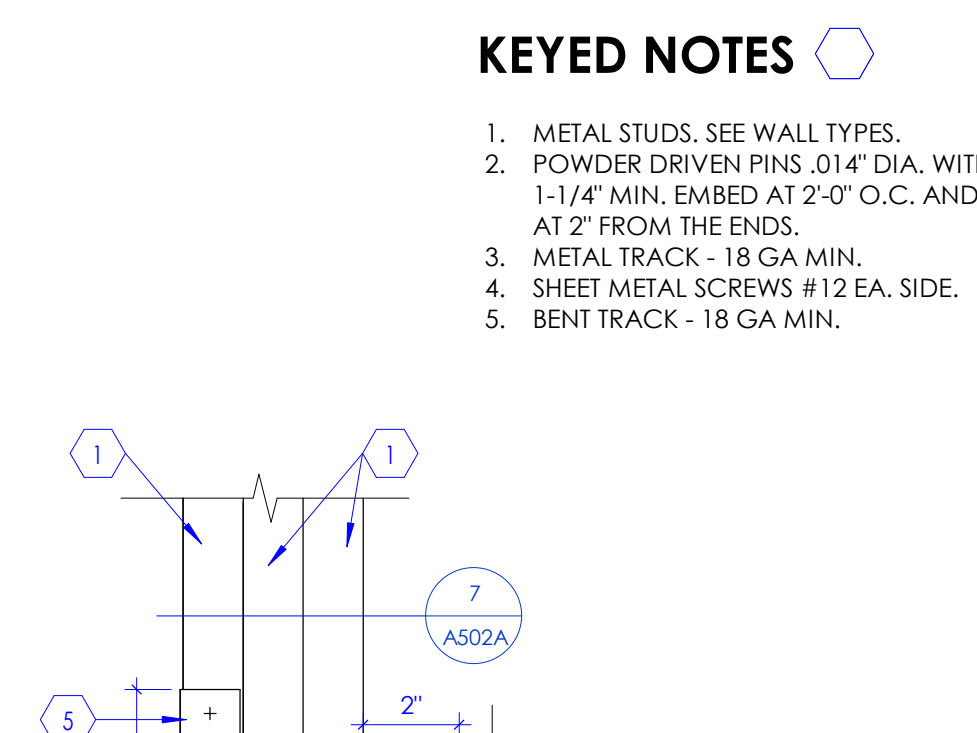
7 Typical Door and Window Opening Framing at Jamb
SCALE: 3" = 1'-0"



KEYED NOTES

1. METAL STUDS, SEE WALL TYPES.
2. POWDER DRIVEN PINS .014" DIA. WITH 1-1/4" MIN. EMBED AT 2" FROM THE ENDS.
3. METAL TRACK - 18 GA MIN.
4. SHEET METAL SCREWS #12 EA, SIDE.

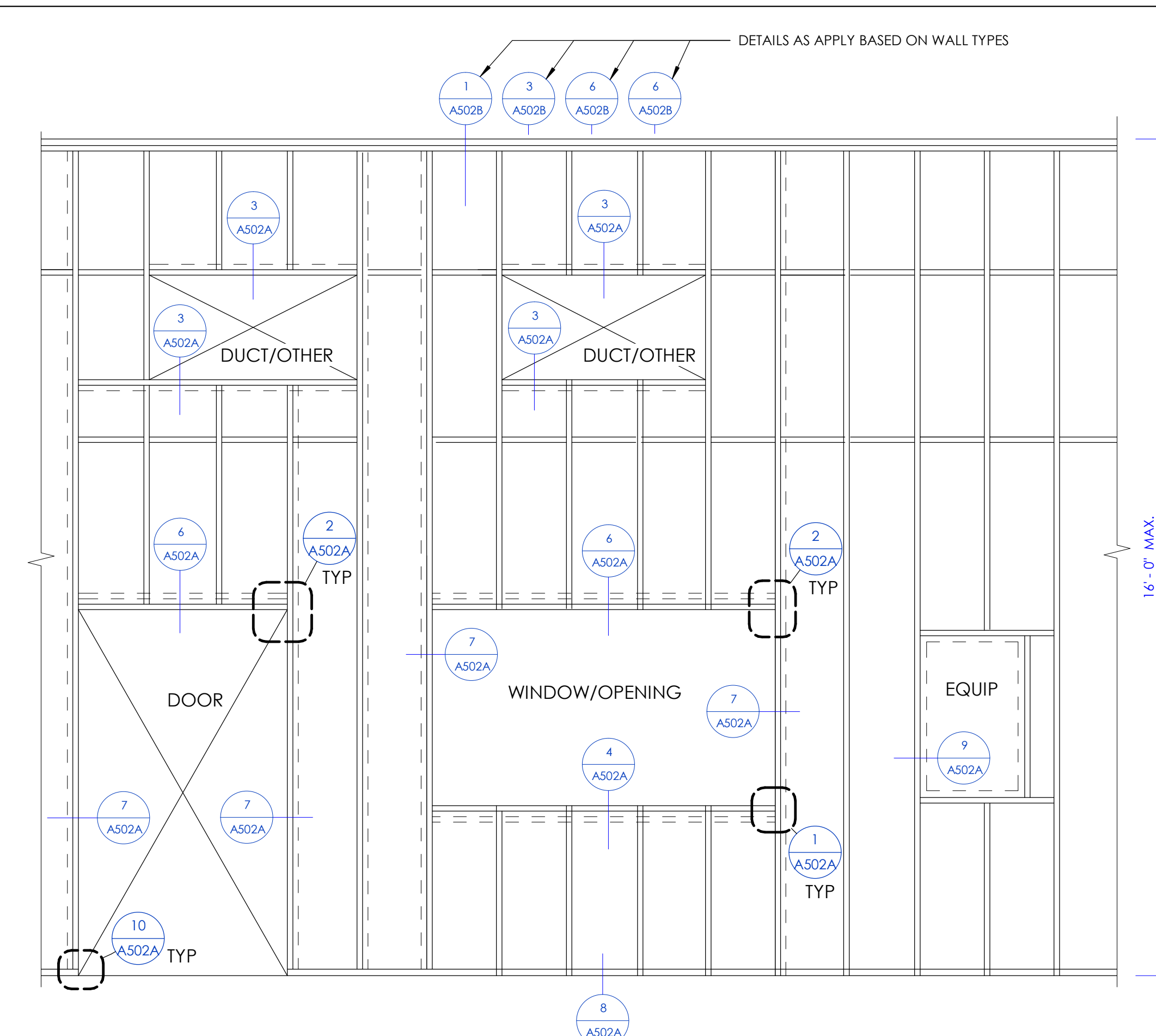
8 Base Track Detail
SCALE: 3" = 1'-0"



KEYED NOTES

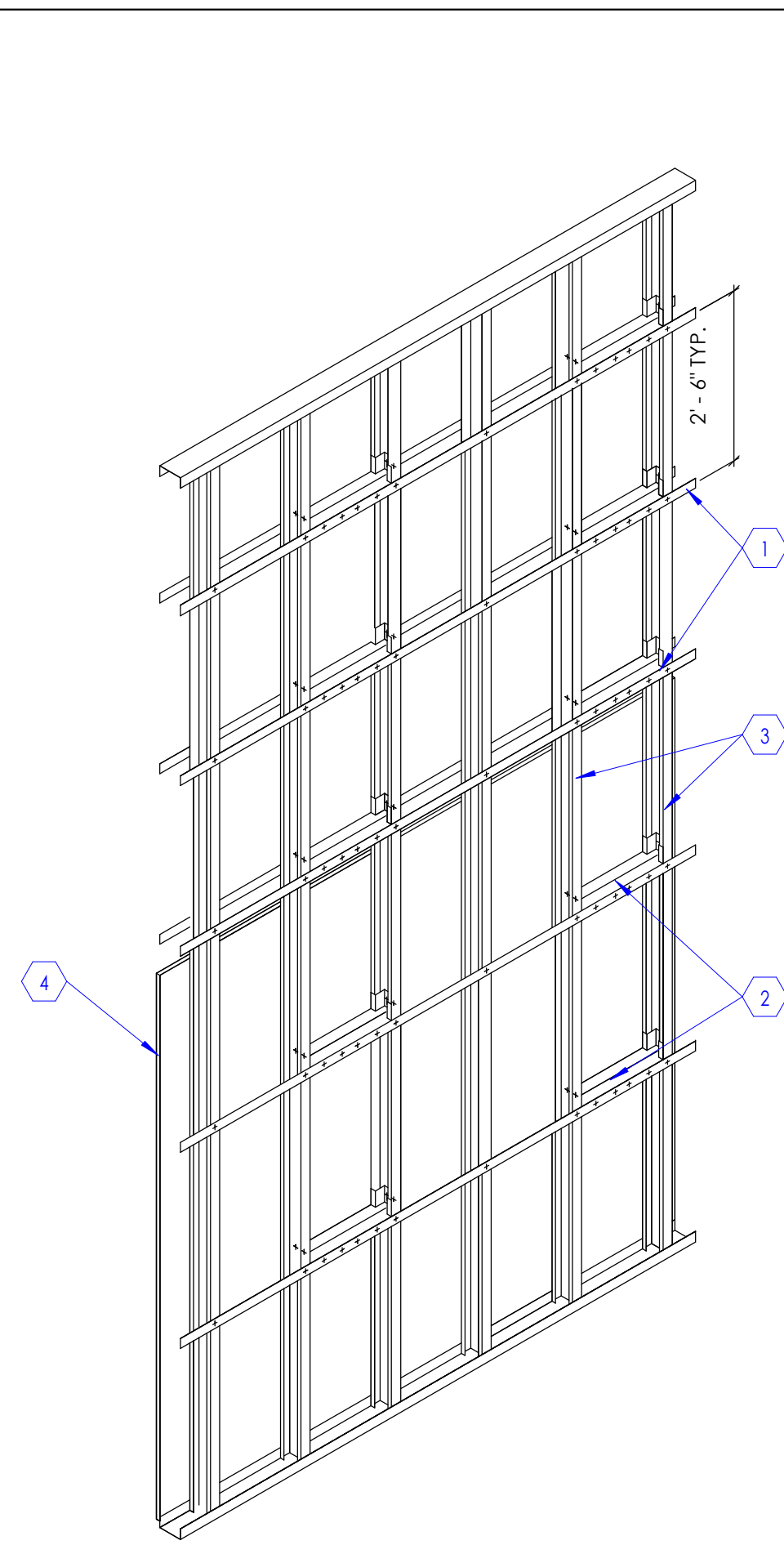
1. METAL STUDS, SEE WALL TYPES.
2. POWDER DRIVEN PINS .014" DIA. WITH 1-1/4" MIN. EMBED AT 2'-0" O.C. AND AT 2" FROM THE ENDS.
3. METAL TRACK - 18 GA MIN.
4. SHEET METAL SCREWS #12 EA, SIDE.
5. BENT TRACK - 18 GA MIN.

9 Detail at Recessed Equip.
SCALE: 3" = 1'-0"



10 Framed Opening at Jamb
SCALE: 3" = 1'-0"

11 Typical Wall and Opening Framing Detail
SCALE: 1/2" = 1'-0"

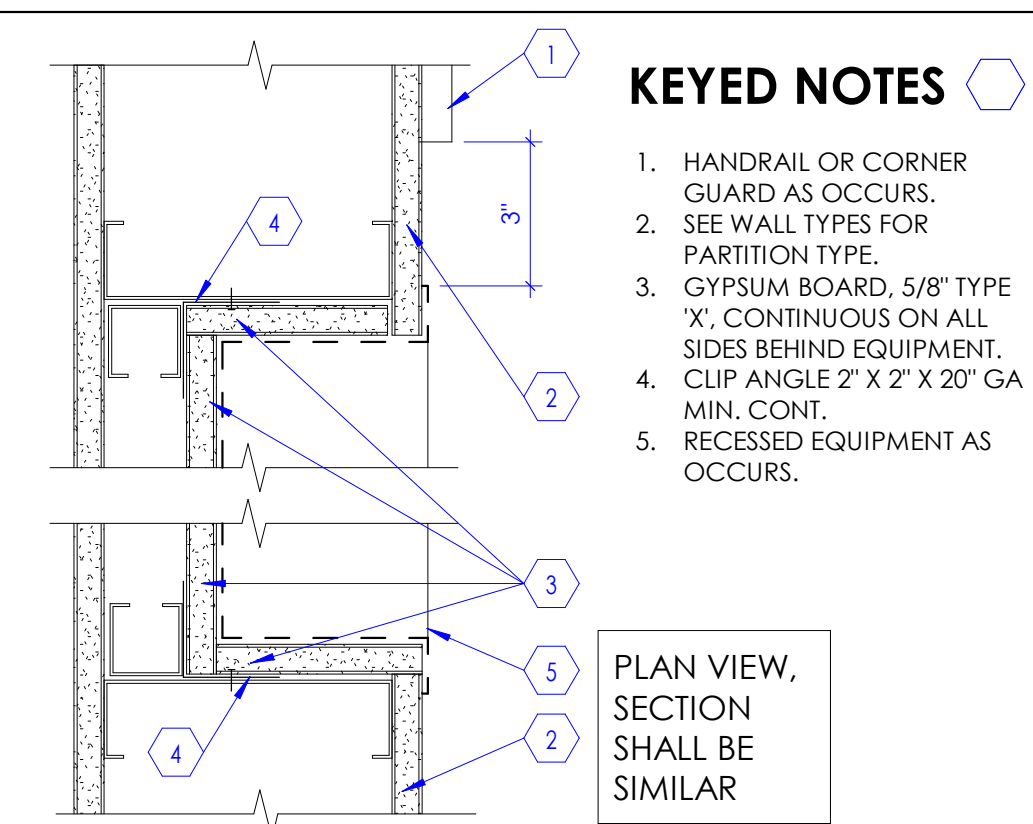


KEYED NOTES

1. SHEET METAL STRAP, SEE BRACING SCHEDULE BELOW AND DETAIL
2. METAL STUD BLOCKING, SEE BRACING SCHEDULE BELOW AND DETAIL
3. METAL STUDS, 20 GA MIN, SEE WALL TYPES FOR PARTITION TYPE.
4. 5/8" TYPE 'X' GYP. BD. TYP., U.N.O. SEE WALL TYPES FOR PARTITION TYPE.

BRACING SCHEDULE

1. WHERE NO GYP. BD. OCCURS EITHER SIDE PROVIDE:
A. METAL STUD BLOCKING AT ENDS AND 8'-0" O.C. HORIZONTALLY AND 2'-6" O.C. VERTICALLY.
B. 20 GA. X 2" STRAP CONT. EACH SIDE AT 2'-6" O.C. MAX.
2. WHERE GYP. BD. OCCURS ONE SIDE ONLY PROVIDE:
A. 20 GA X 2" STRAP CONT. OPPOSITE SIDE FROM GYP BD. AT 2'-6" O.C. MAX.

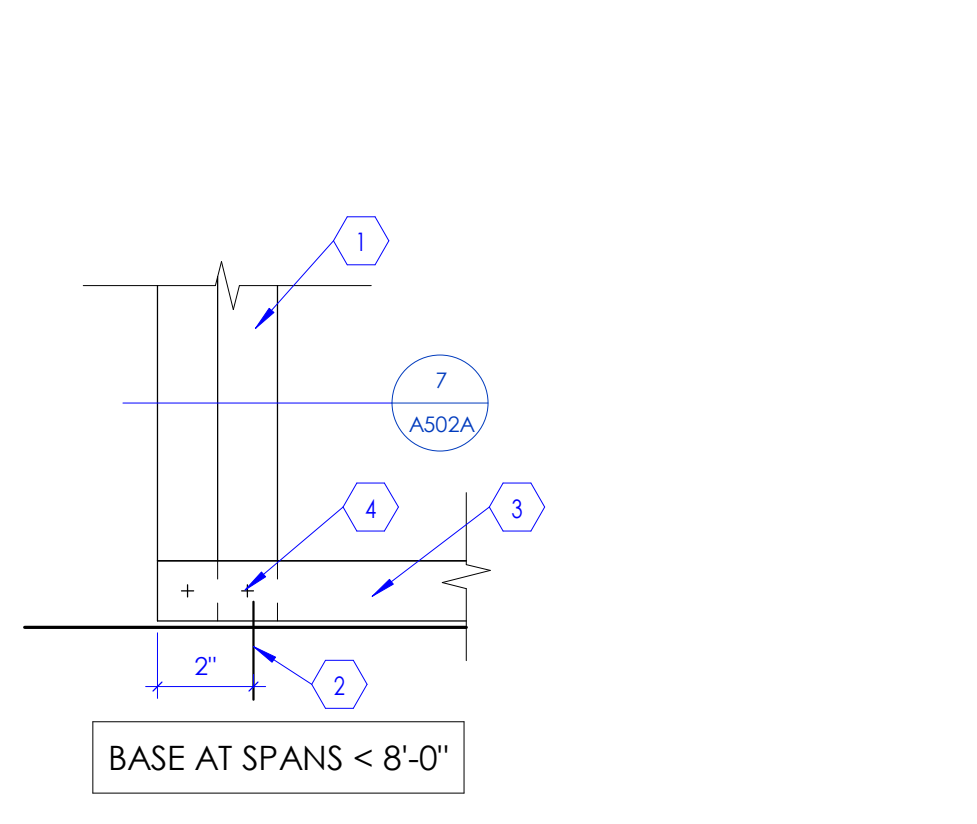


KEYED NOTES

1. HANDRAIL OR CORNER GUARD AS OCCURS.
2. SEE WALL TYPES FOR PARTITION TYPE.
3. GYPSUM BOARD, 5/8" TYPE 'X', CONTINUOUS ON ALL SIDES BEHIND EQUIPMENT, CLIP ANGLE 2" X 2" X 20" GA MIN. CONT.
4. RECESSED EQUIPMENT AS OCCURS.

PLAN VIEW, SECTION SHALL BE SIMILAR

13 Plan Detail at Bracket
SCALE: 3" = 1'-0"

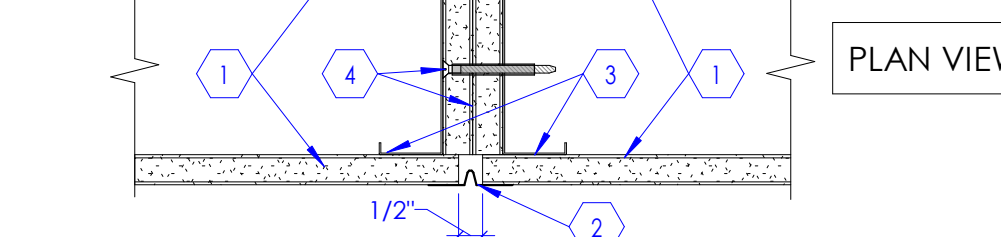


14 Control Joint - Gypsum Board
SCALE: 3" = 1'-0"

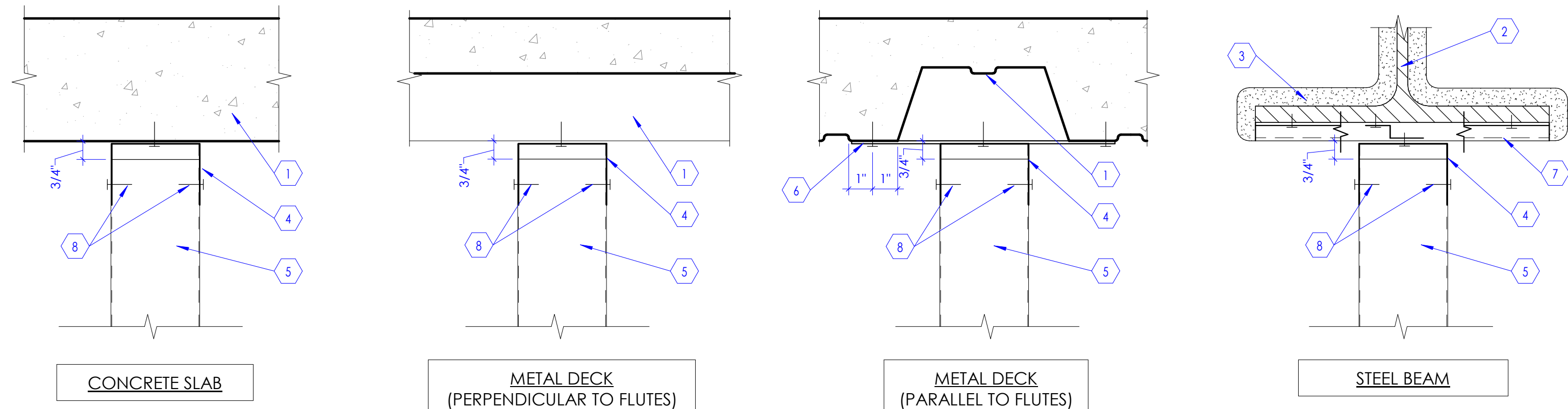
KEYED NOTES

1. GYPSUM BOARD, ATTACHED TO METAL STUD FRAMING, SEE WALL TYPES AND WALL SECTIONS FOR GYPSUM BOARD TYPE.
2. EXPANSION JOINT (E-Z STRIP, V-SHAPED VINYL EXPANSION JOINT BY NATIONAL GYPSUM COMPANY OR EQUIVALENT) ATTACHED TO GYPSUM BOARD.
3. METAL STUDS, SEE WALL TYPES AND WALL SECTIONS FOR STUD SIZE, THICKNESS, GAUGE, SPACING, ETC.
4. TWO LAYERS OF TYPE 'X' GYPSUM BOARD, 5/8" THICK, ATTACHED TO STUDS WITH DRYWALL SCREWS, 1-5/8" @ 24" O.C. USE NON FIRE RATED GYPSUM BOARD IF WALLS OR CEILING ARE NOT FIRE RATED.

NOTE: PROVIDE JOINT AT EVERY 50'-0" OF WALL THAT RUNS IN THE SAME DIRECTION. PRIOR TO INSTALLATION OF JOINTS, GET APPROVAL FROM ARCHITECT FOR CONTROL JOINT LOCATIONS IN WALL.

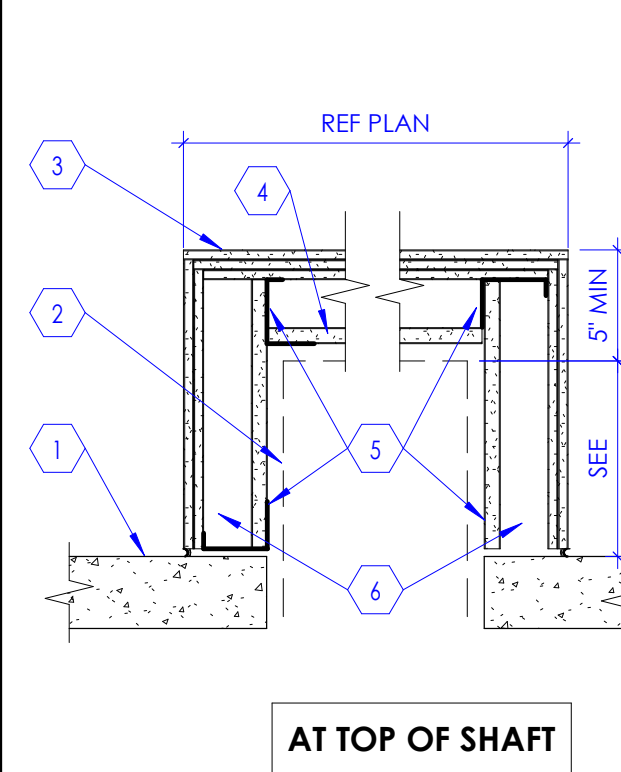


15 Typical Wall and Opening Framing Detail
SCALE: 3" = 1'-0"



KEYED NOTES

1. FLOOR OR ROOF DECK AS OCCURS.
2. STEEL BEAM AS OCCURS. SEE STRUCTURAL DRAWINGS.
3. SPRAY APPLIED FIRE RESISTIVE MATERIAL (SFRM).
4. SLOTTED TOP TRACK. FOR ADDITIONAL INFORMATION SEE DETAIL 9 / A502B
5. METAL STUD WALL. SEE WALL TYPES ON SHEET A501A FOR ADDITIONAL INFORMATION.
6. STRAPS 2" x 18" GA AT 16" O.C.
7. Z-BARS 20 GA TO ACCOMMODATE SFRM THICKNESS.



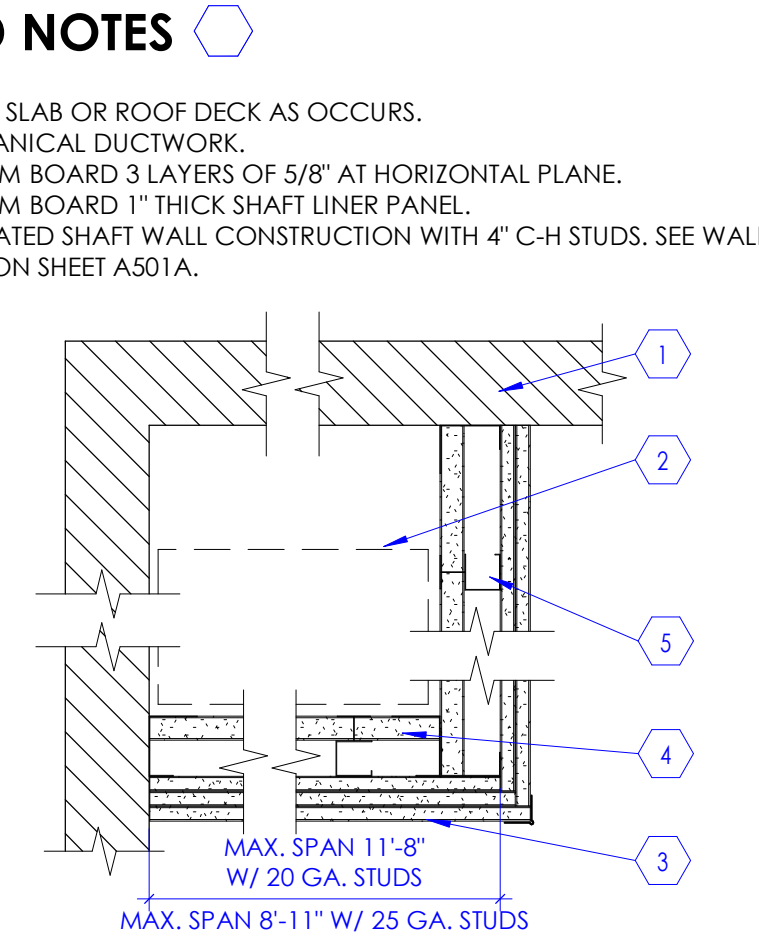
KEYED NOTES

1. FLOOR SLAB OR ROOF DECK AS OCCURS.
2. MECHANICAL DUCTWORK.
3. GYPSUM BOARD 3 LAYERS OF 5/8" AT HORIZONTAL PLANE.
4. GYPSUM BOARD 1" THICK SHAFT LINER PANEL.
5. J-RUNNERS
6. 2-HR RATED SHAFT WALL CONSTRUCTION WITH 4" C-H STUDS. SEE WALL TYPES ON SHEET A501A.

RATING INFORMATION:
FIRE RATING - 2 HOUR TEST:
U.L. Design No. 411
PEI AER-09038
WHI-495-PSH 0154/0167

2-HR Enclosure at Top of Shaft

SCALE: 1" = 1'-0"

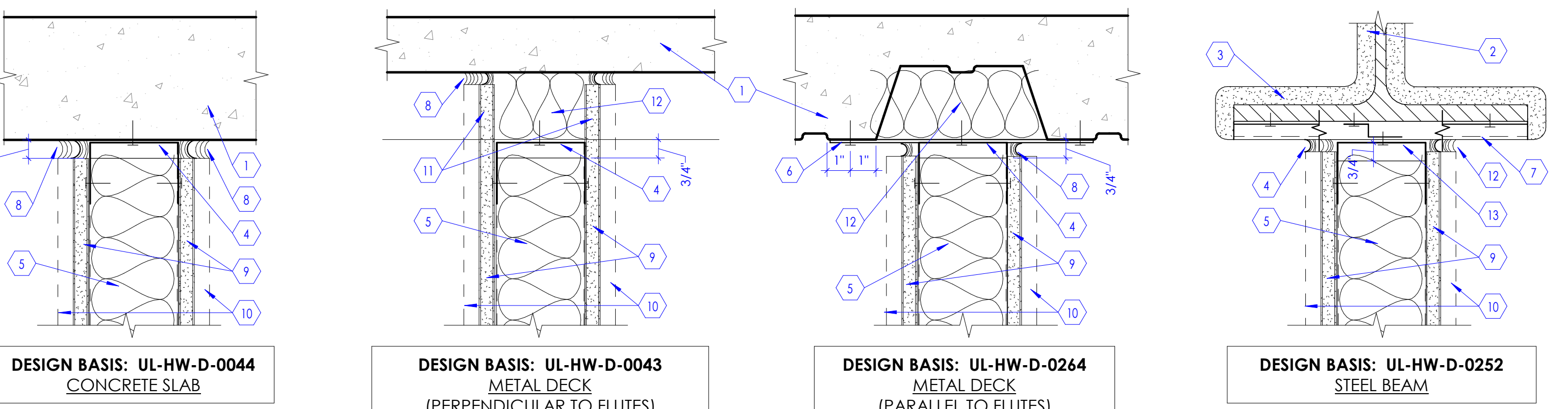


RATING INFORMATION:
HORIZONTAL FIRE
RATING - 2 HOUR TEST:
WHI-495-PSH 0154/0167

RATING INFORMATION:
HORIZONTAL FIRE RATINGS - 2
HOUR TEST: WHI-495 PSH
0154/0167

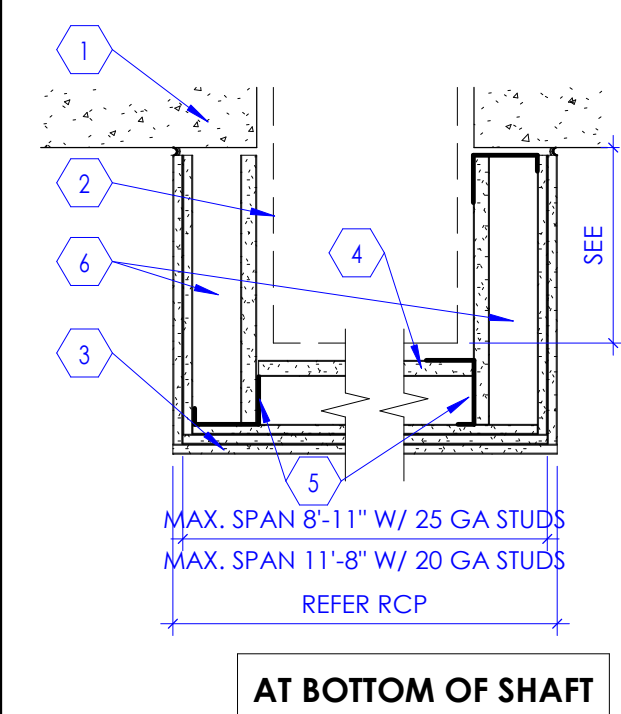
2-HR Horizontal Assembly

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



KEYED NOTES

1. FLOOR OR ROOF DECK AS OCCURS.
2. STEEL BEAM AS OCCURS. SEE STRUCTURAL DRAWINGS.
3. SPRAY APPLIED FIRE RESISTIVE MATERIAL (SFRM).
4. SLOTTED TOP TRACK. FOR ADDITIONAL INFORMATION SEE DETAIL 9 / A502B
5. METAL STUD WALL. SEE WALL TYPES ON SHEET A501A FOR ADDITIONAL INFORMATION.
6. STRAPS 2" x 18" GA AT 16" O.C.
7. Z-BARS 20 GA TO ACCOMMODATE SFRM THICKNESS.
8. ACOUSTIC SEALANT, CONTINUOUS.
9. GYPSUM BOARD, 5/8" THICK. SEE WALL TYPES ON SHEET A501 FOR ADDITIONAL INFORMATION.
10. ADDITIONAL LAYER OF GYP. BD. WHERE OCCURS.
11. GYPSUM BOARD CUT TO FOLLOW PROFILE OF DECKING AT SMOKE PARTITION BOTH AT SOUND WALLS.
12. FILL FLUTE VOID WITH BATT INSULATION.



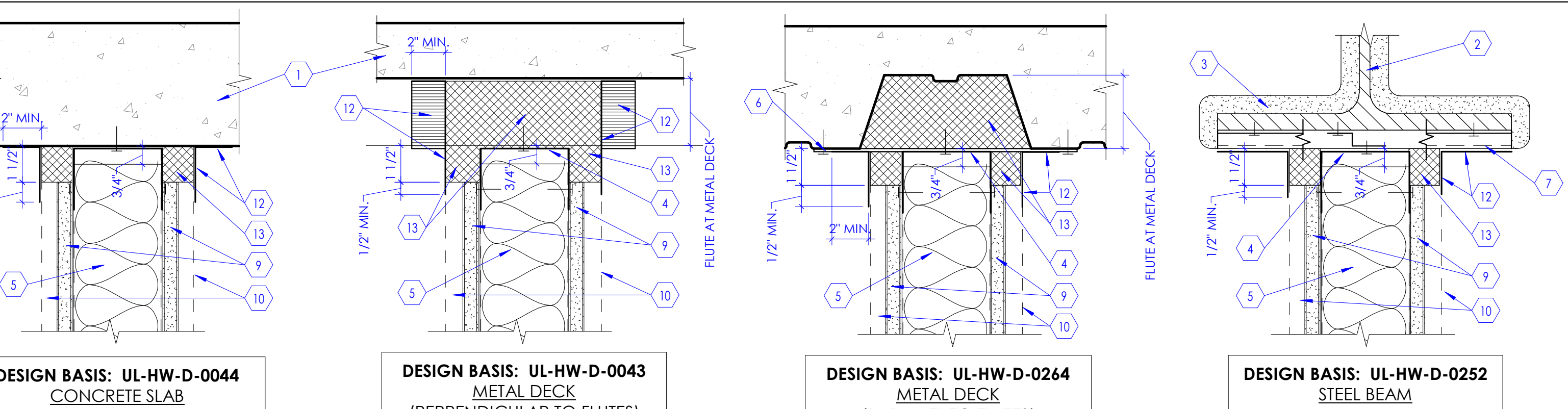
KEYED NOTES

1. FLOOR SLAB AS OCCURS.
2. MECHANICAL DUCTWORK.
3. GYPSUM BOARD 3 LAYERS OF 5/8" AT HORIZONTAL PLANE.
4. GYPSUM BOARD 1" THICK SHAFT LINER PANEL.
5. J-RUNNERS
6. 2-HR RATED SHAFT WALL CONSTRUCTION. SEE WALL TYPES ON SHEET A501A.

RATING INFORMATION:
FIRE RATING - 2 HOUR TEST:
PEI AER-09038
WHI-495-PSH 0154/0167

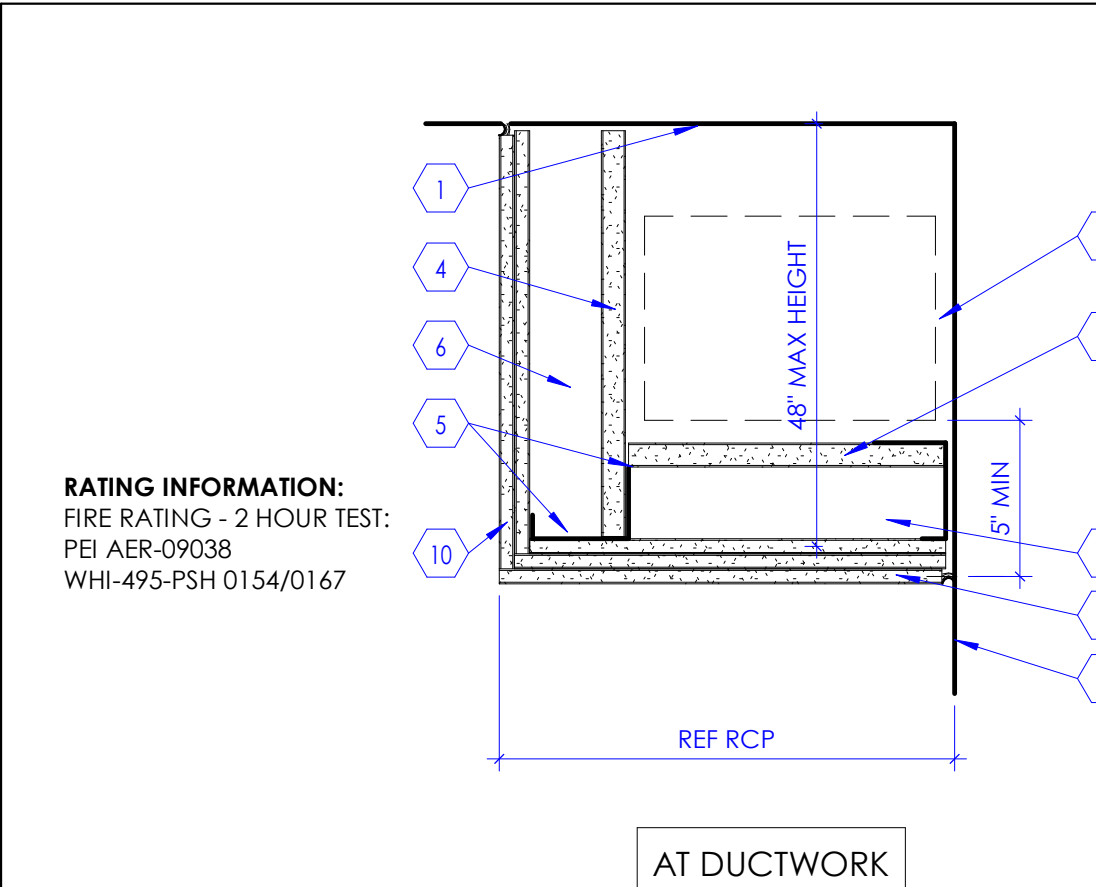
2-HR Enclosure at B.O. Shaft

SCALE: 1" = 1'-0"



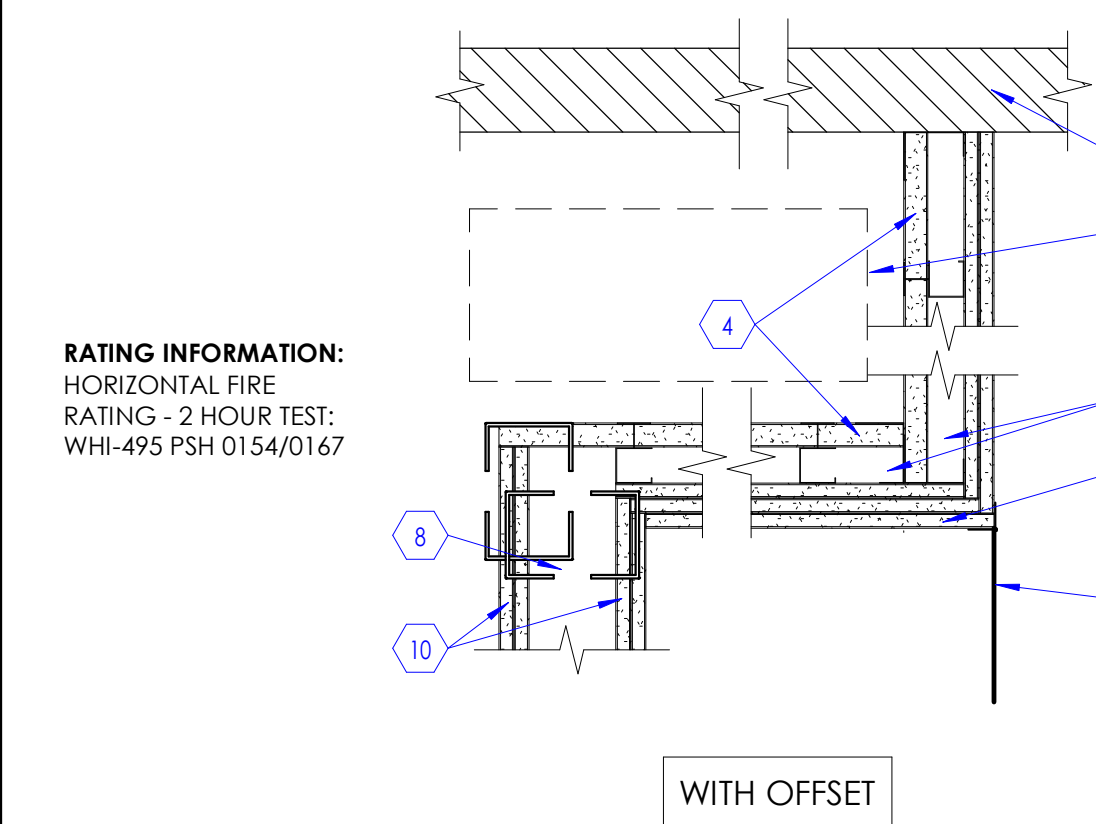
KEYED NOTES

1. FLOOR OR ROOF DECK AS OCCURS.
2. STEEL BEAM AS OCCURS. SEE STRUCTURAL DRAWINGS.
3. SPRAY APPLIED FIRE RESISTIVE MATERIAL (SFRM).
4. SLOTTED TOP TRACK. FOR ADDITIONAL INFORMATION SEE DETAIL 9 / A502B
5. METAL STUD WALL. SEE WALL TYPES ON SHEET A501A FOR ADDITIONAL INFORMATION.
6. STRAPS 2" x 18" GA AT 16" O.C.
7. Z-BARS 20 GA TO ACCOMMODATE SFRM THICKNESS.
8. ACOUSTIC SEALANT, CONTINUOUS.
9. GYPSUM BOARD, 5/8" THICK, TYPE 'X'.
10. ADDITIONAL LAYER OF GYP. BD. AT 2-HR RATED WALLS.
11. GYPSUM BOARD CUT TO FOLLOW PROFILE OF DECKING AT SMOKE PARTITION BOTH AT SOUND WALLS.
12. FIRE STOP JOINT SPRAY.
13. MINERAL WOOL 4 LB. FRICTION FIT BETWEEN TOP TRACK AND FLUTE.



RATING INFORMATION:
FIRE RATING - 2 HOUR TEST:
PEI AER-09038
WHI-495-PSH 0154/0167

AT DUCTWORK



RATING INFORMATION:
HORIZONTAL FIRE
RATING - 2 HOUR TEST:
WHI-495-PSH 0154/0167

WITH OFFSET

2-HR Horizontal Enclosure

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

Head Condition at Fire Rated Partitions

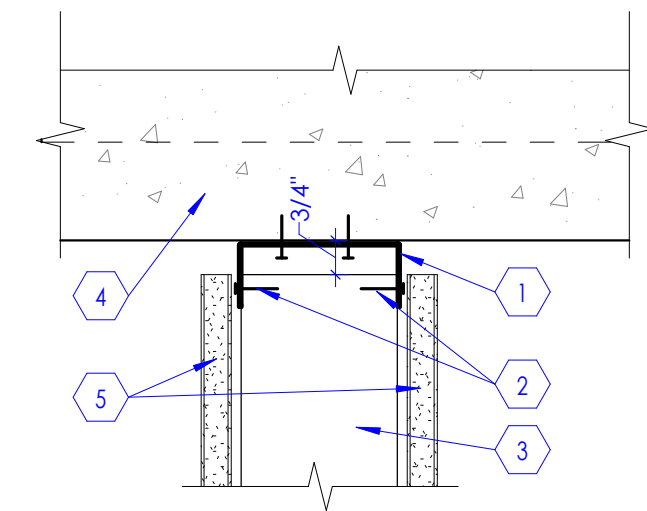
SCALE: 3" = 1'-0"

KEYED NOTES

1. SLOTTED DEEP LEG DEFLECTION TRACK, 1/4" CONTINUOUS. SECURE TO SUPERSTRUCTURE ABOVE IN A WAY THAT PROVIDES LATERAL STABILITY (PERPENDICULAR-TO AND IN-PLANE WITH WALL) YET ALLOWING FOR A MINIMUM OF 3/4" OF VERTICAL DEFLECTION OF THE SUPERSTRUCTURE.
2. SLIP CONNECTION. SECURE VERTICAL STUDS TO SLOTTED TOP TRACK AT MID-HEIGHT OF VERTICAL SLOTS IN TRACK. COMPONENTS INTENDED TO SLIDE VERTICALLY AS SUPERSTRUCTURE DEFLECTS.
3. VERTICAL STUD. SEE INTERIOR WALL TYPES ON SHEET A501A.
4. FLOOR OR ROOF DECK AS OCCURS.
5. GYPSUM BOARD, 5/8" THICK, TYPE 'X'. TYPICAL. DO NOT SCREW GYPSUM WALLBOARD TO TOP TRACK OR SUPERSTRUCTURE. GWS SCREWS INTO THE STUDS MUST BE AT LEAST 1" BELOW THE BOTTOM OF THE TOP TRACK.

GENERAL NOTES

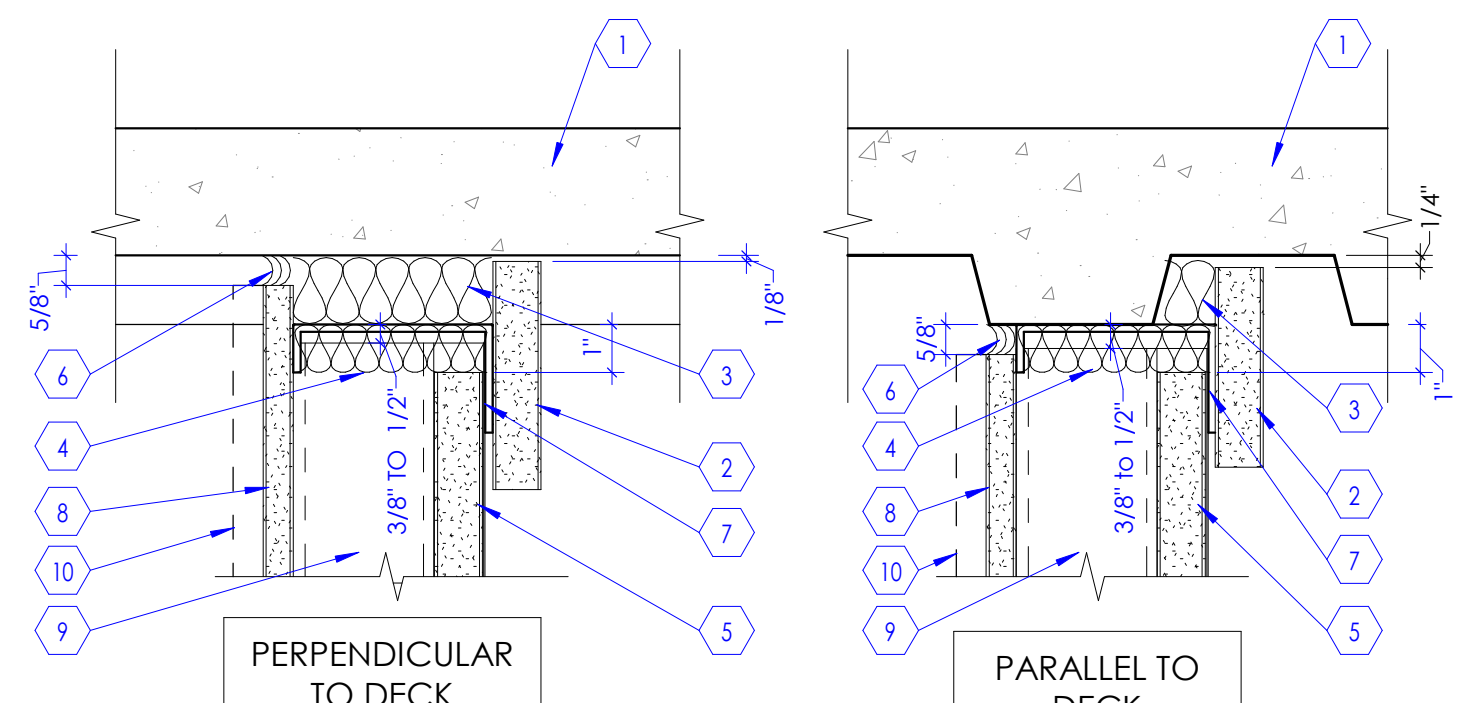
- A. CONDITIONS INDICATED SHOW DESIGN INTENT, ESPECIALLY IN REGARD TO ACCOMMODATION OF STRUCTURAL DEFLECTION AND CONTINUITY OF INTEGRITY OF SOUND, SMOKE AND FIRE WALLS.
- B. DESIGN INTENT DETAILS MAY NOT SHOW ALL CONDITIONS TO BE ENCOUNTERED ON A PROJECT.
- C. RIGIDLY SECURE SLOTTED TOP TRACK TO BUILDING SUPERSTRUCTURE IN AN APPROVED MANNER. EMPLOY Z-BARS, COLD-ROLLED CHANNELS OR SIMILAR SPACER TO ACCOMMODATE THICKNESS OF SPRAY-APPLIED FIRE-RESISTIVE MATERIALS (SFRM).
- D. SLOTTED TOP TRACK, INDICATED ON THESE DETAILS, IS THE BASIS FOR DESIGN AND REFERS TO DEEP-LEG TRACKS WITH VERTICALLY SLOTTED HOLES.
- E. REFER TO PARTITION STANDARDS FOR SPECIFIC WALL TYPES.
- F. AT FIRE-RATED WALLS REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS REGARDING HEAD-OF-WALL CONDITIONS.
- G. MAINTAIN ACOUSTIC RATING WHERE SOUND-CONTROL WALLS ARE INDICATED.
- H. FIRESTOPPING AND ACOUSTICAL SEALANTS SHALL AUTOBOND. PROVIDE EXPOSED CLEAN SEALANT (TO CONCEAL FIRESTOPPING) AT FLOOR SERVICE FACILITIES, KITCHEN, BIOLOGICAL CONTAINMENT AND CLEAN ROOM APPLICATIONS.
- I. WHERE A WALL IS DESIGNATED AS BOTH A SOUND-CONTROL WALL AND A FIRE-RATED WALL, REFER TO FIRE-RATED HEAD-OF-WALL CONDITIONS.
- J. WHERE A WALL IS DESIGNATED AS A SOUND-CONTROL WALL, FILL ALL VOIDS WITH SOUND ATTENUATION BATTS (SAB).
- K. AT SMOKE PARTITIONS AND SOUND-CONTROL WALLS EXTEND GWS ON BOTH SIDES INTO THE FLUTES, CUT TO FOLLOW UNUNDULATING SURFACES OF THE SUPERSTRUCTURE INCLUDING, BUT NOT LIMITED TO, FLUTES IN METAL DECKING. PROVIDE A CONTINUOUS BEAD OF SEALANT (AS SPECIFIED) TO SUPERSTRUCTURE.



ISOMETRIC VIEW OF SLOTTED TOP TRACK

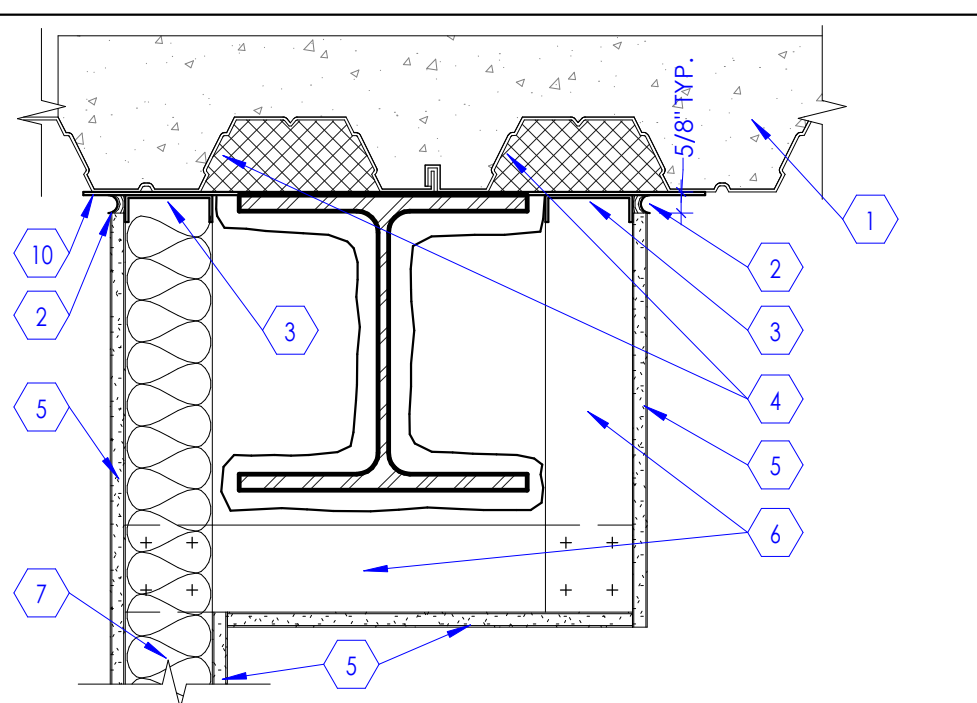
Slip Connection Detail

SCALE: 3" = 1'-0"

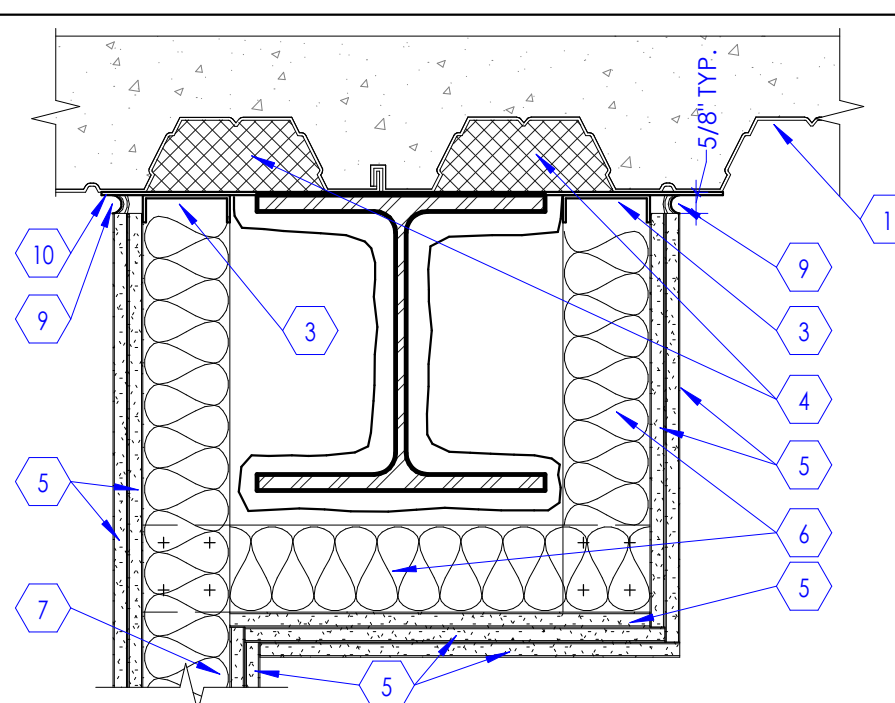


Head Detail at Shaft Wall

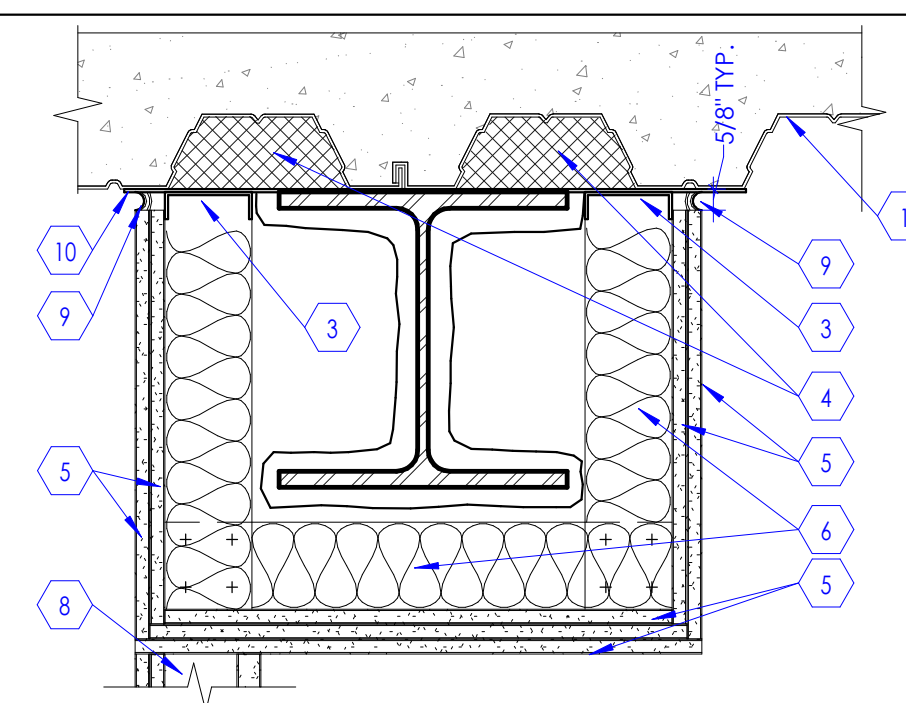
SCALE: 3" = 1'-0"



NOTE: THIS DETAIL APPLIES AT ALL FULL HEIGHT NON-RATED, SMOKE TIGHT, OR 1 HOUR RATED PARTITIONS WHERE GWS IS OBSTRUCTED. U.N.O.



NOTE: THIS DETAIL APPLIES AT ALL 2 HOUR RATED PARTITIONS WHERE ONE SIDE OF WALL IS OBSTRUCTED. U.N.O.



NOTE: THIS DETAIL APPLIES AT ALL SHAFTWALL CONDITIONS WHERE WALL CANNOT EXTEND FULLY TO DECK. U.N.O.

KEYED NOTES

1. FLOOR OR ROOF DECK AS OCCURS.
2. CONTINUOUS ACOUSTIC/SMOKE SEALANT/FIRE STOP AS REQUIRED EACH SIDE.
3. SLOTTED TOP TRACK. FOR ADDITIONAL INFORMATION SEE DETAIL 9 / A502B
4. FILL FLUTE AT METAL DECK WITH CONTINUOUS 4LB MINERAL WOOL. FRICTION FIT BETWEEN TOP TRACK AND FLUTE.
5. GYPSUM BOARD, 5/8" THICK, TYPE 'X'. TYPICAL.
6. METAL STUDS AT 16" O.C. MATCH PARTITION TYPE, PACK FULL WITH INSULATION AS REQUIRED.
7. PARTITION WALL AS SCHEDULE.
8. SHAFT WALL AS SCHEDULE.
9. FIRE STOP AS REQUIRED.
10. STRAPS, 2" x 18" GA AT 16" O.C.

KEYED NOTES

1. EXPOSED CROSS GRID MEMBER @ 2'-0" O.C.
2. EXPOSED MAIN GRID MEMBER @ 4'-0" O.C.
3. HANGER WIRE 12 GA. @ 4'-0" O.C. MAX EACH WAY.
4. SEISMIC RESTRAINT. SEE DETAIL 7/A503A
5. SLOTTED ANGLE SPACER.

NOTE:
EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS AND OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1" IN ALL HORIZONTAL DIRECTIONS.

1 Typical Acoustical Ceiling Suspension
SCALE: 1/8" = 1'-0"

KEYED NOTES

1. MAIN RUNNER 1 1/2" @ 4'-0" O.C.
2. FURRING CHANNEL @ 1'-4" O.C.
3. HANGER WIRE 8 GA. @ 4'-0" O.C. MAX EACH WAY
4. SEISMIC RESTRAINT. SEE DETAIL 8/A503A

2 Typical Gypsum Bd Ceiling Suspension
SCALE: 1/8" = 1'-0"

KEYED NOTES

1. CONCRETE OVER METAL DECK OR CONCRETE PAN & JOIST SYSTEM.
2. CONTINUOUS METAL PLATE 10 GA X 1'-4" WIDE WITH (2) 1/4" EXPANSION BOLTS.
3. LONG LEG TRACK 16 GA WITH (2) #12 S.M.S. @ 16" O.C.
4. METAL STUD. 18 GA MIN. 3-5/8" @ 4'-0" O.C.
5. PL WASHER 1/8" x 3" x 3"

3 Typical Suspended Stud Attachment To Concrete Deck
SCALE: 3" = 1'-0"

KEYED NOTES

1. CLASS 1 ZINC COATED, SOFT TEMPERED WIRES, 12 GAUGE MIN.
2. PROVIDE 3/4" GAP BETWEEN CEILING GRID AND ANGLE ON TWO ADJACENT SIDES OF THE ROOM. DO NOT ATTACH CEILING GRID TO WALL ANGLE.
3. ATTACH CEILING GRID TO WALL ANGLE ON TWO ADJACENT SIDES OF THE ROOM (FIXED SIDES).
4. EXPOSED CROSS RUNNER ATTACHED TO MAIN RUNNERS.
5. ACOUSTICAL CEILING TILES. SEE CEILING PLANS.
6. 7/8" SUPPORTING CLOSURE ANGLE AT CEILING PERIMETER ATTACHED TO WALL.
7. EXPOSED MAIN RUNNER SHALL BE HEAVY DUTY T-BAR GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE. THIS END OF THE GRID SHALL REST UPON AND BE FREE TO SLIDE ON THE CLOSURE ANGLE.
8. LINE OF WALL.
9. SEISMIC CLIPS. BASIS OF DESIGN ARMSTRONG BERC 2 CLIPS IN LIEU OF 2" WALL ANGLE PER ICC-ESR 1308.

NOTE:
EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS AND OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1" IN ALL HORIZONTAL DIRECTIONS.

4 Ceiling Grid Detail
SCALE: 3" = 1'-0"

KEYED NOTES

1. LINE OF STRUCTURE ABOVE.
2. LINE OF WALL.
3. METAL STUD FRAMING (3-5/8" THICK, 18 GAUGE, METAL STUDS AT 4'-0" O.C.) SUSPENDED FROM STRUCTURE ABOVE. SEE DETAIL 3/A503A. CROSS BRACE FRAMING AS REQUIRED FOR STRUCTURAL RIGIDITY.
4. METAL STUD FRAMING (3-5/8" THICK, 18 GAUGE, METAL STUDS AT 16" O.C.)
5. METAL STUD 3-5/8" X 18 GA LATERAL (45 DEGREE) BRACING AT 4'-0" O.C. CONNECT TO STRUCTURE ABOVE.
6. SHEET METAL SCREWS (4) #10.
7. ATTACH 5/8" THICK, TYPE 'X', GYPSUM BOARD TO METAL STUD FRAMING.

5 Ceiling Detail
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

1. METAL STUD FRAMING 3 5/8" X 18 GA STUDS, SUSPENDED FROM STRUCTURE ABOVE @ 16" O.C. SEE DETAIL 3/A503A
2. METAL STUD 3-5/8" X 18 GA LATERAL (45 DEGREE) BRACING AT 4'-0" O.C. CONNECT TO STRUCTURE ABOVE.
3. SHEET METAL SCREWS (4) #10.
4. ACOUSTICAL CEILING PANEL. SEE REFLECTED CEILING PLANS.
5. PERIMETER ANGLE MOLDING. SEE DETAIL 4/A503A
6. GYPSUM BOARD 5/8" TYPE 'X', TYP.
7. HANGER WIRES 12 GA, TYP.

6 Gypsum Board Header
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

1. RIGID HORIZONTAL RESTRAINT FROM CEILING GRID TO STRUCTURE ABOVE.
2. CLASS 1 ZINC COATED, SOFT TEMPERED WIRES, 12 GAUGE MIN.

NOTE:
A. CEILING GRIDS IN ROOMS OR AREAS GREATER THAN 1,000 SQ. FT. SHALL HAVE A RIGID HORIZONTAL RESTRAINT FROM CEILING TO STRUCTURE ABOVE AT EVERY 144 SQ. FT.
B. ALL SPAYED WIRES SHALL BE AT 45 DEGREES ANGLES, 12 GAUGE AND GALVANIZED.
C. WHEN CEILING AREA EXCEEDS 2,500 SQ. FT. PROVIDE SEISMIC SEPARATION JOINT APPROVED BY CEILING GRID MANUFACTURER AND ARCHITECT.

NOTE: EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS AND OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1" IN ALL HORIZONTAL DIRECTIONS.

7 Ceiling Detail
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

1. SHEET METAL #12 SCREWS
2. METAL CLIP 12 GA MIN X 3/4" W.
3. MACHINE BOLT 1/2" DIA. MIN.
4. ANGLE STRUT OR CHANNEL
5. METAL CLIP 1" W X 2" X 12 GA. MIN.
6. DIAGONAL HANGER WIRES 12 GA MIN. - 4 SIDES.
7. FURRING CHANNEL, 7/8" THICK, @ 1'-4" O.C. MAXIMUM.
8. METAL RUNNER CHANNELS, 1 1/2" THICK, AT 48" O.C.
9. GYPSUM BOARD 5/8" THICK ATTACHED TO METAL FURRING CHANNEL.

8 Gypsum Board Ceiling Seismic Restraint Detail
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

1. GYPSUM BOARD, 5/8" THICK (USE TYPE 'X' IF WALLS ARE FIRE RATED) ATTACHED TO METAL STUD FRAMING.
2. LINE OF WALL.
3. LINE OF CEILING AS OCCURS. SEE REFLECTED CEILING PLAN FOR CEILING TYPE.
4. METAL STUD FRAMING 3 5/8" THICK, 20 GAUGE STUDS, SUSPENDED FROM STRUCTURE ABOVE. STUDS SHALL BE AT 16" O.C.
5. LINE OF STRUCTURE ABOVE.

9 Gypsum Board Soffit
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

1. EXPANSION SLEEVE 4"x15/16", BASIS OF DESIGN: ARMSTRONG E54, COLOR: WHITE.
2. MAIN BEAM, BASIS OF DESIGN: ARMSTRONG PRELUDE 15/16"XL EXPOSED TEE SYSTEM.
3. SEISMIC SEPARATION JOINT CLIP, BASIS OF DESIGN: ARMSTRONG SJMR-4"x1".
4. SEISMIC SEPARATION JOINT CLIP, BASIS OF DESIGN: ARMSTRONG SJCS-5"x1-1/2".
5. CROSS TEES, BASIS OF DESIGN: ARMSTRONG PRELUDE 15/16"XL EXPOSED TEE SYSTEM.

10 Seismic Separation Joint Clip Detail
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

1. STEEL BEAM AS OCCURS.
2. STEEL JOIST AS OCCURS.
3. MECHANICAL DUCTS, SEE MECHANICAL DRAWINGS
4. LINE OF WALL.
5. UNISTRUT P1000, 4" LONG SUSPENDED FROM STRUCTURE ABOVE
6. THREADED ROD, 5/8" THICK, PROVIDE NUTS, WASHERS, CLAMPS, ETC. AS REQUIRED FOR COMPLETE INSTALLATION.
7. UNISTRUT, P1000, CROSS BRACE TO STRUCTURE. PROVIDE NUTS WASHERS CLAMPS ETC. AS REQUIRED FOR COMPLETE INSTALLATION.
8. UNISTRUT, P1000 @ 2'-0" O.C. SUSPENDED FROM STRUCTURE ABOVE.
9. LIGHT FIXTURE SUSPENDED FROM UNISTRUT ONLY. DO NOT HANG FIXTURES FROM DUCTS.
10. CEILING SEE ROP FOR HEIGHT. SUSPEND CEILING GRID FROM UNISTRUT ONLY. CONTRACTOR SHALL NOT SUSPEND LIGHTS, GRIDS, ETC. FROM DUCTS.

NOTE:
CONTRACTOR SHALL PROVIDE UNISTRUTS AS INDICATED IN THIS DETAIL WHEREVER DUCT INTERFERES WITH CEILING SUSPENSION SYSTEM.

11 Suspended Ceiling Trapeze Detail
SCALE: 1/2" = 1'-0"

KEYED NOTES

1. CLASS 1 ZINC COATED, SOFT TEMPERED WIRES, 12 GA MIN.
2. EXPOSED CROSS RUNNER ATTACHED TO MAIN RUNNERS.
3. ACOUSTICAL CEILING TILES. SEE CEILING PLANS.
4. EXPOSED MAIN RUNNER, SUSPENDED FROM STRUCTURE ABOVE.
5. FINISHED SUSPENSION TRIM, 4", BY CEILING SUPPLIER.
6. INTERSECTION TEE ATTACHMENT CLIP.
7. TRIM COLOR SHALL MATCH GRID COLOR.

12 Ceiling Trim Detail
SCALE: N.T.S.

KEYED NOTES

1. NEW ACOUSTICAL CEILING PANEL. SEE REFLECTED CEILING PLAN AND DETAILS ON SHEET A503A.
2. NEW SURFACE MOUNTED MANUAL ROLLER SHADE INCLUDING SHADE POCKET AND FACIA, BASIS OF DESIGN: MECO SHADE-5 AND SHADE POCKET WITH REMOVABLE CLOSURE. CLOSURE COLOR: WHITE. ANCHOR TO SOFFIT ABOVE.
3. SHADE CLOTH FOR ROLLER SHADES, BASIS OF DESIGN: MECO SHADE-BASKETWEAVE 5% OPENNESS. SEE FINISH SCHEDULE.
4. EXISTING WINDOW SYSTEM TO REMAIN, PROTECT DURING CONSTRUCTION.
5. EXISTING EXTERIOR WALL TO REMAIN.
6. EXISTING SHEET METAL TO BE REMOVED.
7. LINE OF EXISTING STRUCTURE (WALL OR WINDOW FRAMING AS OCCURS) SEEN BEYOND.
8. DEMO EXISTING FRAMING AND INSTALL NEW 3-5/8", 18 GA FRAMING AT 16" O.C. TO SUPPORT NEW ROLLER SHADES. INSTALL NEW R-19 BATT INSULATION AND 10 MIL VAPOR BARRIER TO DECK ABOVE. NOT SHOWN FOR CLARITY.
9. DEMOLISH EXISTING GYPSUM BOARD AND INSTALL NEW 5/8" THICK, TYPE 'X' GYPSUM WALL BOARD.
10. 3/4" THICK, FRT TREATED CONTINUOUS PLYWOOD, ATTACHED TO FRAMING.
11. NEW 5/8" THICK, TYPE 'X', GYPSUM BOARD AT WINDOW JAMB, TYP. PROVIDE CLEAR SILICON SEALANT ALL AROUND EXISTING WINDOWS.

13 Window Header with Roller Shade
SCALE: 3" = 1'-0"



1. CONTINUOUS SEALANT ON BOTH SIDES OF THE FRAME.

2. DOOR FRAME SEEN BEYOND.

3. DOOR, SEE DOOR SCHEDULE FOR DOOR TYPE.

4. GYPSUM BOARD, 5/8" THICK, TYPE 'X', ATTACH TO METAL STUD FRAMING, SEE WALL TYPES.

5. STEEL RUNNER 1/8 GAUGE FASTENED WITH SCREWS TO STRUT STUDS AT EACH END, SEE DETAIL 6/ASO2A

6. HOLLOW METAL DOOR FRAME, FRAME THICKNESS VARIES WITH WALL THICKNESS, SEE DETAIL PLAN AND WALL SECTIONS, PAINT FRAME.

7. SEE WALL TYPES FOR WALL WIDTH AND STUD SIZE.

8. FRAME DEPTH SHALL BE WALL WIDTH PLUS 1".

9. LINE OF WALL, AS OCCURS.

10. PROVIDE DOUBLE METAL STUDS AT FRAME JAMBS, WALL ENDS, ETC, PROVIDE STEEL STRAPS (6" HIGH 16 GAUGE STRAPS AT 2'-0" O.C.) SEE DETAIL 7/ASO2A

11. DOOR HINGE AS OCCURS, SEE DOOR AND HARDWARE SCHEDULE, SEE FLOOR PLAN FOR DOOR SWING.

12. PROVIDE INSULATION AT DOOR FRAME AND DOOR JAMB STUDS, TYPICAL.

1. VALANCE WITH END CAPS PER MFR.

2. LINE OF VALANCE ABOVE.

3. CLOSER & CARRIAGE TRACK PER MFR.

4. ALUMINUM DOOR FRAME PER MFR.

5. BOTTOM TRACK PER MFR.

6. SILL GUIDE PER MFR.

7. DOOR, SEE DOOR SCHEDULE, FINISH TO MATCH ALL NEW DOORS IN THE PROJECT.

8. EPDM GASKET BOTH SIDES PER MFR.

9. BACK TO BACK 1" LADDER PULLS.

10. LINE OF FRAME ABOVE.

11. STILE POCKET PER MFR.

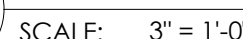
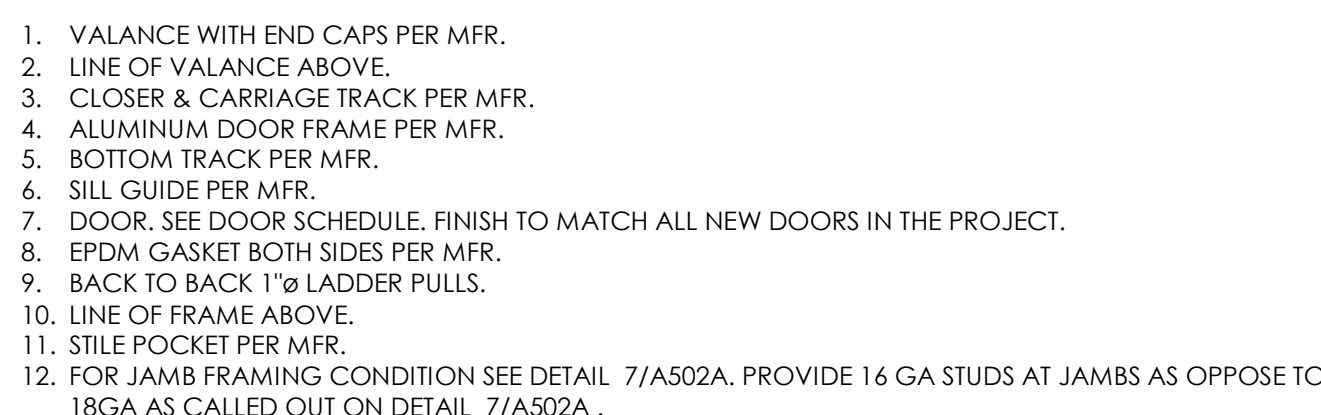
12. FOR JAMB FRAMING CONDITION SEE DETAIL 7/ASO2A, PROVIDE 16 GA STUDS AT JAMBS AS OPPOSE TO 18GA AS CALLED OUT ON DETAIL 7/ASO2A.

16 GA STUDS, TYP.

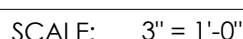
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12

SCALE: 3" = 1'-0"



1. EXISTING WALL WITH NEW IN-WALL INSULATION AND NEW 5/8" TYPE 'X' GYPSUM BOARD.
2. EXISTING WINDOW SYSTEM
3. 1/2" THICK, CONTINUOUS, FIRE TREATED PLYWOOD.
4. SOLID SURFACE WINDOW SILL WITH FULL BULLNOSE EDGE, SEE FINISH SCHEDULE.
5. PROVIDE CONTINUOUS SILICON SEALANT CAULKING.
6. R-19 BATT INSULATION FOR THE FULL WIDTH AND DEPTH OF CAVITY.
7. NEW 10 MIL VAPOR BARRIER, ALL JOINTS TO BE PROPERLY SEALED.
8. 5/8" THICK, TYPE 'X' GYPSUM WALL BOARD.



2. WINDOW FRAME, SEE WINDOW TYPES.
3. LINE OF WINDOW FRAME SEEN BELOW.
4. LINE OF WINDOW/SILL (WHERE OCCURS) SEEN BELOW.
5. DASHED LINE INDICATES VERTICAL WALL SURFACE BELOW THE SILL AND WINDOW OPENING, OR SILL EXTENSION OCCURS ABOVE WINDOW.
6. GLAZING, SEE WINDOW TYPES.
7. WALL, CONSTRUCT WALL PER WALL TYPES.
8. CONSIDER WALL SURFACE TO BE VERTICAL WALL, EXTENSOR OR VERTICAL WALL SURFACE BELOW SILL, AS INDICATED.
9. MILLION MATE BRAKE FORMED METAL END CAP, MILLION MATE WALL WITH FASTENERS, CAP WIDTH SIZE MATCH WALL THICKNESS, PAINT EXPOSED END CAP TO MATCH WALL COLOR.
10. TYPICAL SECTION OF MILLION MATE WALL WITH AS REQUIRED FOR A SMOOTH EVEN TRANSITION.
11. FACTORY APPLIED GASKET WITH ADHESIVE ON BOTH SIDES.
12. PARTITION CLOSURE, CLOSURE SHALL BE EXTRUDED ALUMINUM, ANODIZED FINISH, PRE-ASSEMBLED WITH SPRING, WALL WITH FASTENERS TO FIT FOR VERTICAL JUNCTURES OF PARTITIONS AND WINDOW WALLS, CLOSURE SHALL BE SOUND RESISTANT, COMBINE WITH MILLION MATE ACOUSTICAL BATTS FOR SOUND ATTENUATION, BATTES-DESIGN IS MILLION MATE AND/OR MILLION MATE – SOMETIMES IT MAY BE FACTURED BY GORDON INTERIOR SPECIALTIES DIVISION, GORDON, INC., 5023 HAZLET JONES ROAD, BOSSIERE CITY, LA 71111, (800) 477-8954, FAX (800) 877-8744.
13. MILLION MATE PARTITION WALL TO VERIFY WITH ARCHITECT AND GET APPROVAL PRIOR TO INSTALLING EQUIVALENT PRODUCT BY OTHER MANUFACTURERS.
14. INSTALL THE GASKET AGAINST THE GLASS SIDE FIRST, INSTALLER SHALL BE CAREFUL TO ONLY LET THE GASKET COME IN CONTACT WITH THE GLASS DURING INSTALLATION.
15. WHERE WALL ABUTS GLAZING, PROVIDE PARTITION CLOSURE (W/DOOR) TO MATCH MODEL, SIMILAR TO MILLION MATE MODEL.
16. VERIFY THIS DIMENSION BASED ON WINDOW TYPE, FIELD NOTCH WINDOW BASE AS REQUIRED AT TOP AND BOTTOM FOR A TIGHT FIT AROUND THE WINDOW FRAMES.
17. PROVIDE PAINTABLE ACOUSTICAL CAULK, COORDINATE WITH WALL COLOR.
18. PROVIDE ADDITIONAL STUD FRAMING AS REQUIRED TO EXTEND THE WALL TO MAINTAIN THE WALL THICKNESS.
19. THIS DIMENSION VARIES BASED ON EXTERIOR WALL CONSTRUCTION, SEE WALL SECTIONS.
20. THIS DIMENSION VARIES BASED ON INTERIOR WALL CONSTRUCTION, SEE WALL SECTIONS.

SCALE: 3" = 1'-0"

3 1/8"

CONTRACTOR
TO VERIFY
STUD SIZE
SEE WALL TYPES

1 1/8"

1

2

3

4

5

6

7

8

1 1/4"

1 3/4"

HALLWAY SIDE

ROOM SIDE

LINE OF DOOR FRAME

3 1/8"

CLEAR OPENING (CO)

SCALE: 3" = 1'-0"

1. GLAZING, 1/4" THICK, CLEAR, TEMPERED.
2. ALUMINUM FRAME. 2' X 4 1/2", CENTER GLAZED. FINISH: CLEAR ANODIZED
3. CONTINUOUS SEALANT AND BACKER ROD, BOTH SIDES.
4. 5/8" GYPSUM WALL BOARD, BOTH SIDES.
5. HEADER PER SPAN LENGTH. SEE DETAIL 11/A502A.



SCALE: 6" = 1'-0"

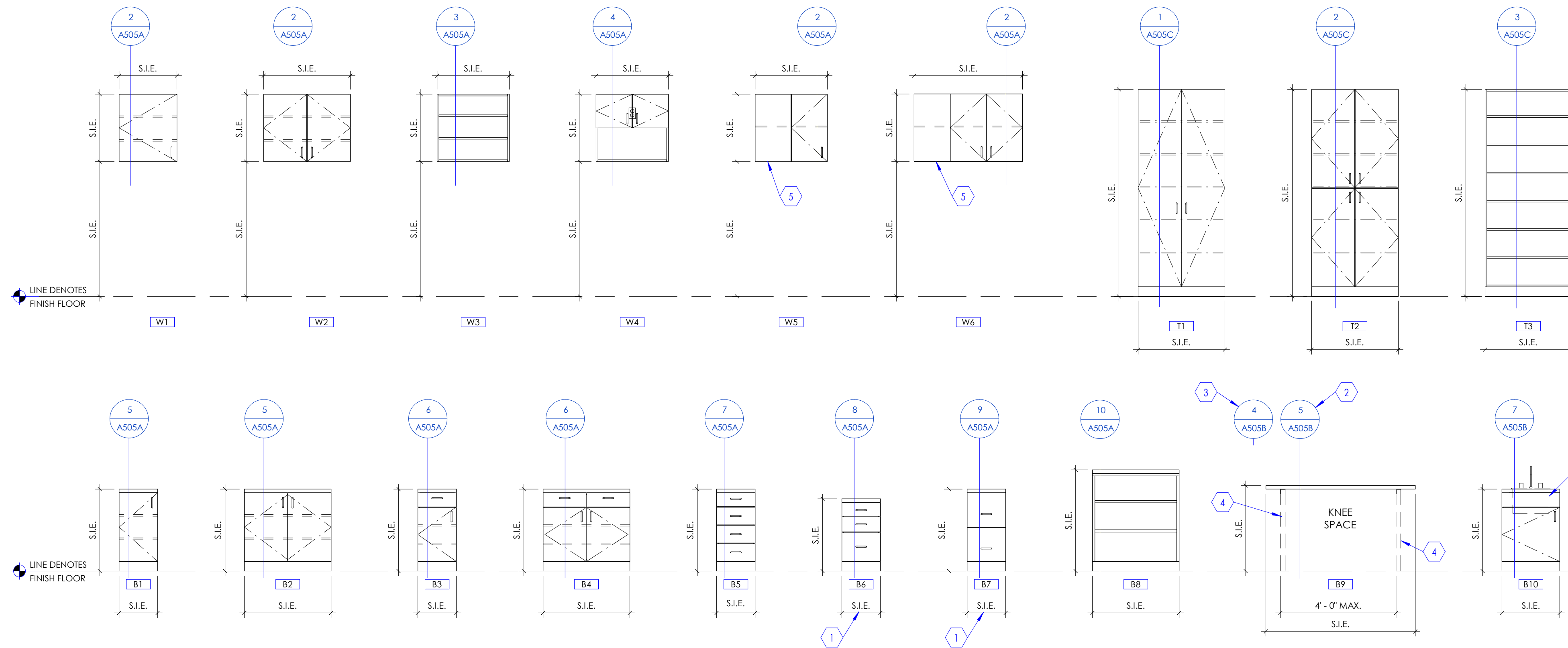
1. GLAZING, 1/4" THICK, CLEAR, TEMPERED.
2. ALUMINUM FRAME, 2" X 4 1/2", CENTER GLAZED FINISH; CLEAR ANODIZED.
3. CONTINUOUS SEALANT AND BACKER ROD, BOTH SIDES.
4. LINE OF FLOOR.



SCALE: 6" = 1'-0"

KEYED NOTES

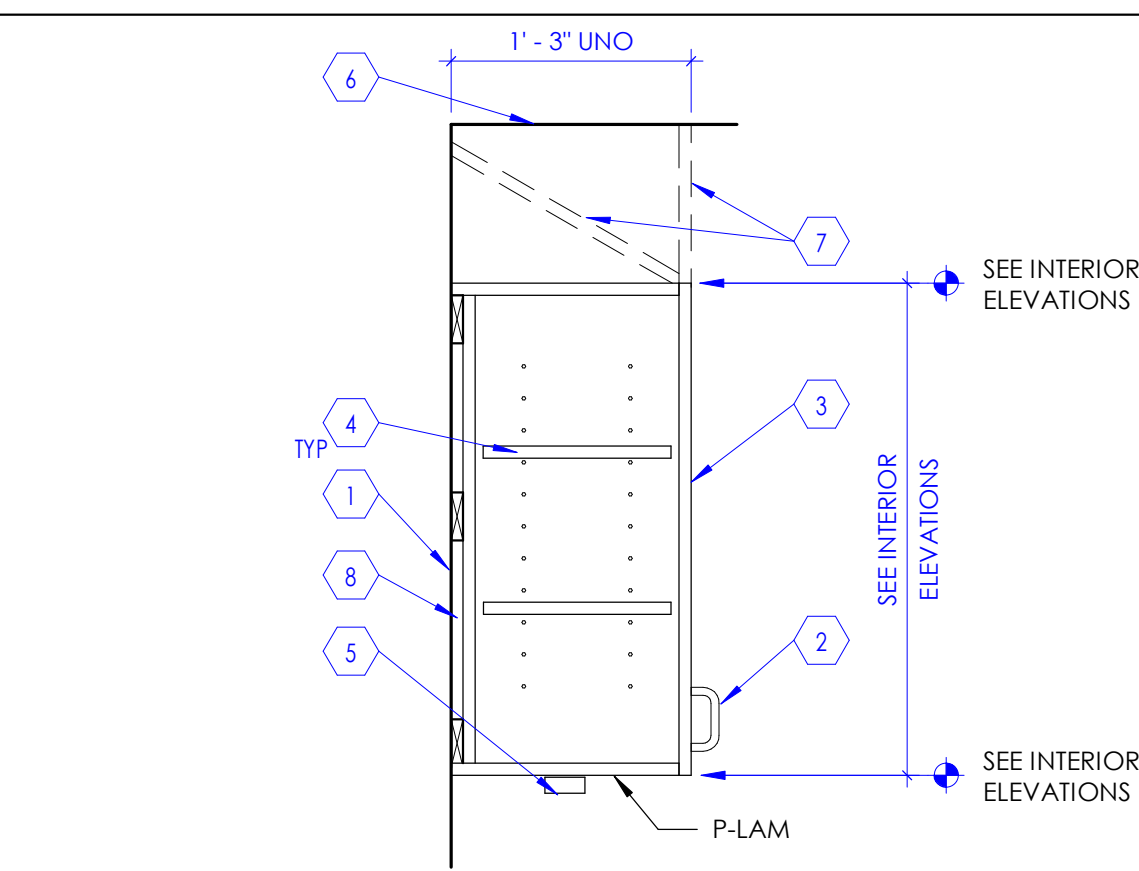
- FILE DRAWER, MINIMUM WIDTH SHALL BE 1'-4" TO HANG FOLDERS (FOR 8-1/2" x 11" SIZE PAPER)
- DETAIL FOR STEEL SUPPORTS FOR COUNTERTOP AT STUD WALLS.
- DETAIL FOR STEEL SUPPORTS FOR COUNTERTOP AT MASONRY AND CONCRETE WALLS.
- STEEL SUPPORT FOR COUNTERTOP. SEE RELEVANT DETAIL FOR STUD WALL, CMU, AND CONCRETE WALL. SUPPORT IS NOT REQUIRED IF THERE IS AN ADJACENT BASE CABINET.
- FILLER PANEL FOR EXTENDED WALL CABINET, TYPICALLY LOCATED AT ROOM CORNER.
- SINK. SEE ARCHITECTURAL AND PLUMBING DRAWINGS FOR SINK TYPE.
- PROVIDE END PANEL MATCHING THE FRONT SKIRT PANEL. IF THERE IS A ADJACENT BASE CABINET, END PANEL IS NOT REQUIRED.



1 Cabinet Legend

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

Note: See Interior Elevations (S.I.E.) for occurrence of cabinet types used in this project. Some cabinet type shown above may not be used in this project.

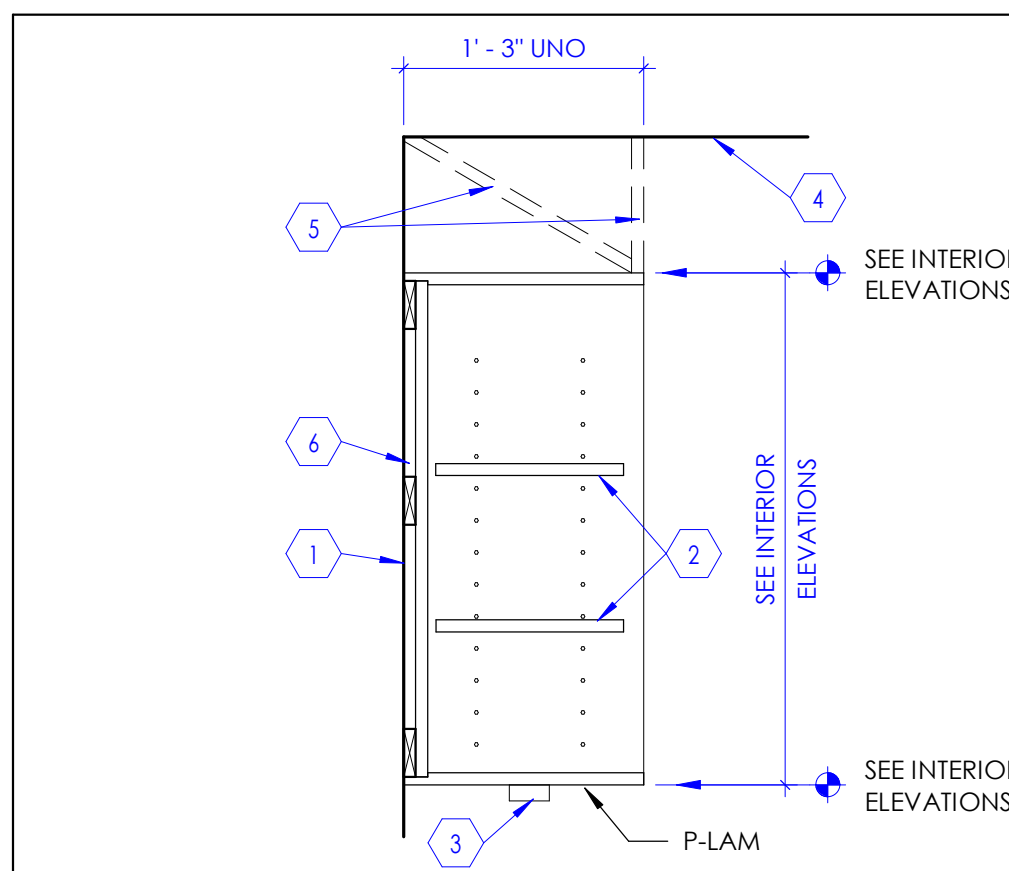


2 Wall Cabinet with Door

SCALE: 1" = 1'-0"

KEYED NOTES

- LINE OF WALL.
- DOOR PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
- PLASTIC LAMINATE CABINET DOOR.
- ADJUSTABLE SHELF. UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF TWO SHELVES. NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
- SEE INTERIOR ELEVATIONS AND ELECTRICAL DRAWINGS FOR UNDER CABINET LIGHT FIXTURE LOCATIONS.
- LINE OF CEILING. SEE REFLECTED CEILING PLAN.
- FASCIA PANEL AS OCCURS. SEE INTERIOR ELEVATION. SEE DETAIL 2 / A505B
- CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3 / A505B



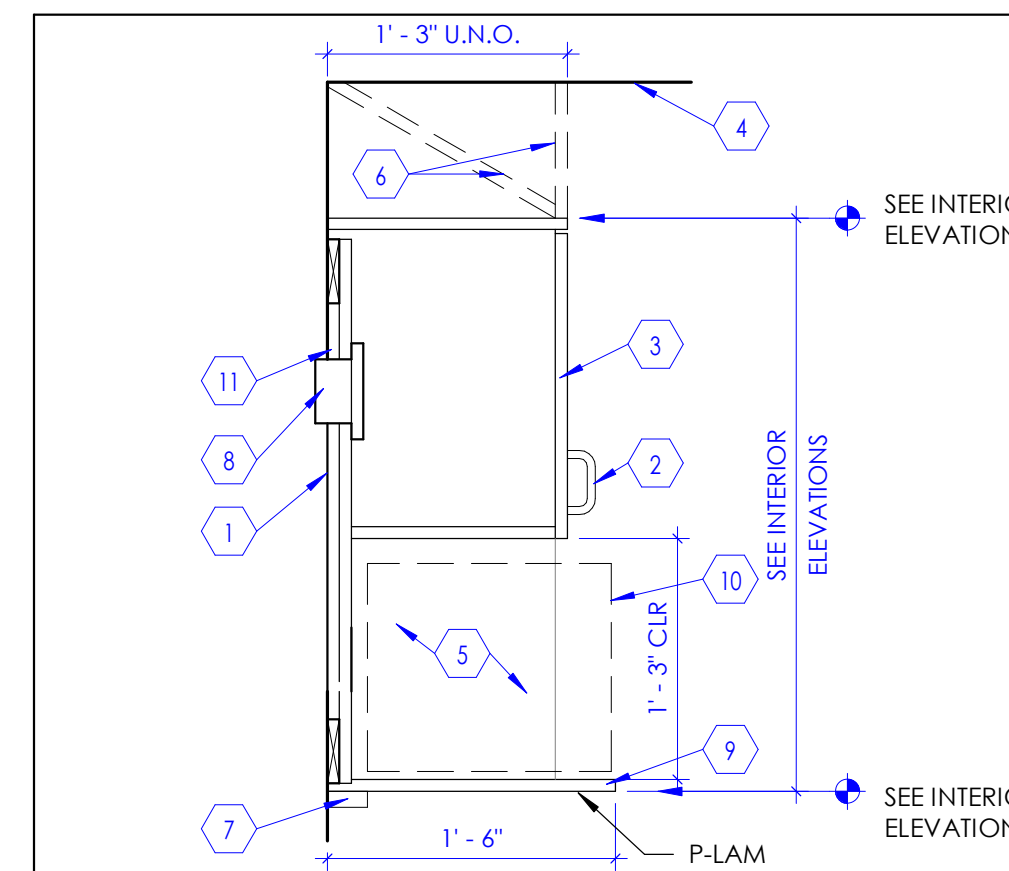
3 Wall Cabinet without Door

SCALE: 1" = 1'-0"

KEYED NOTES

- LINE OF WALL.
- ADJUSTABLE SHELF. UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF TWO SHELVES.
- PLASTIC LAMINATE CABINET DOOR.
- SEE INTERIOR ELEVATIONS AND ELECTRICAL DRAWINGS FOR UNDER CABINET LIGHT FIXTURE LOCATIONS.
- LINE OF CEILING. SEE REFLECTED CEILING PLAN.
- FASCIA PANEL AS OCCURS. SEE INTERIOR ELEVATION. SEE DETAIL 2 / A505B
- CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3 / A505B

NOTE: ALL EXPOSED SURFACES OF CABINET INTERIOR SHALL BE COVERED WITH PLASTIC LAMINATE PER SPECIFICATION.

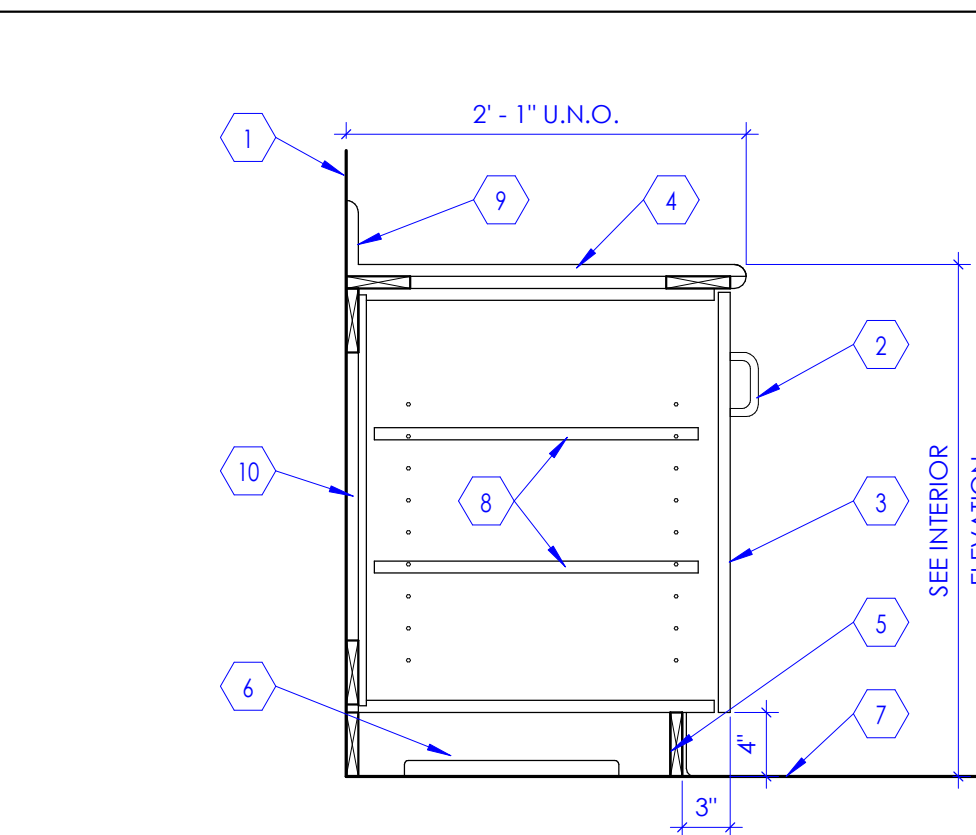


4 Wall Cabinet Door & Shelf

SCALE: 1" = 1'-0"

KEYED NOTES

- LINE OF WALL.
- DOOR PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
- PLASTIC LAMINATE CABINET DOOR.
- LINE OF CEILING. SEE REFLECTED CEILING PLAN.
- PROVIDE PLASTIC LAMINATE FINISH ON ALL EXPOSED CABINET INTERIORS.
- FASCIA PANEL AS OCCURS. SEE INTERIOR ELEVATION. SEE DETAIL 2 / A505B
- SEE INTERIOR ELEVATIONS AND ELECTRICAL DRAWINGS FOR UNDER CABINET LIGHT FIXTURE LOCATIONS.
- CUT BACK PANEL OF UPPER CABINET AS REQUIRED FOR POWER OUTLET FOR MICROWAVE. COORDINATE WITH ELECTRICAL CONTRACTOR.
- PLASTIC LAMINATE BOTTOM PANEL. 1" THICK. EXTEND BOTTOM PANEL EXPOSED CORNERS OF EXTENDED PANEL TO BE ROUNDED OFF TO A 1" RADIUS.
- MICROWAVE. AS OCCURS.
- CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3 / A505B

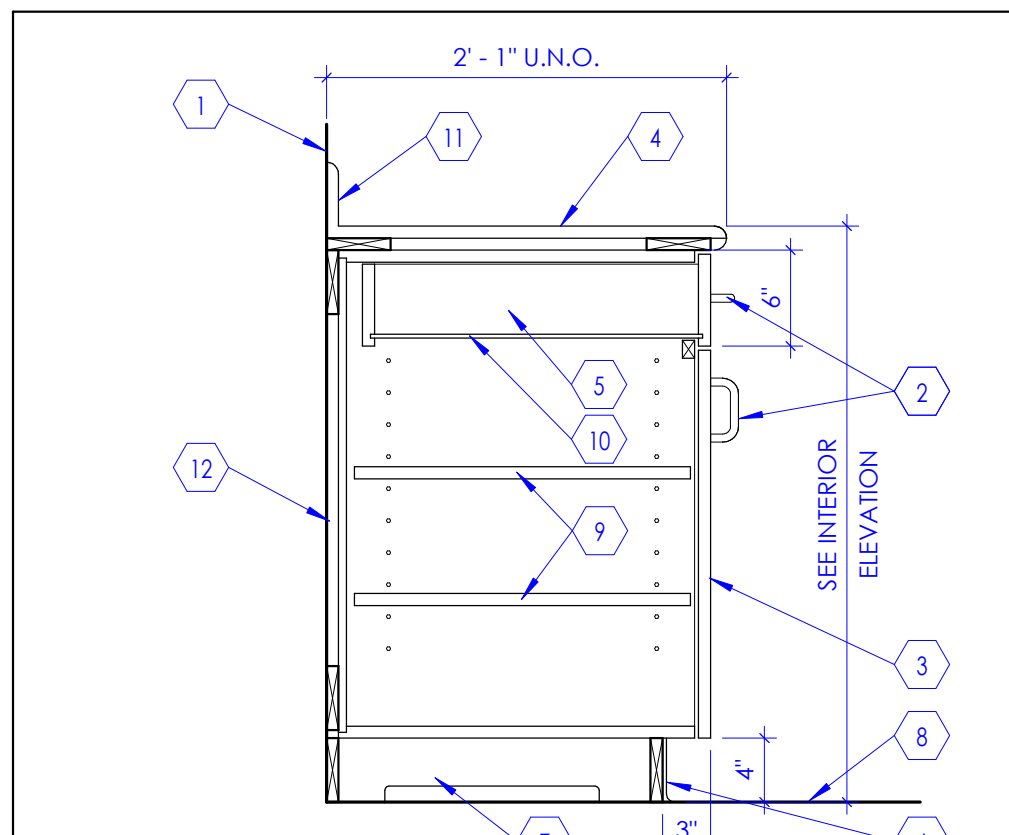


5 Base Cabinet with Door

SCALE: 1" = 1'-0"

KEYED NOTES

- LINE OF WALL. AS OCCURS. IF CABINET IS LOCATED AT AN ISLAND, PROVIDE PLASTIC LAMINATE COVERED BACK PANEL, WHERE EXPOSED. NO BACKSPLASH IS NECESSARY.
- DOOR OR DRAWER PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
- PLASTIC LAMINATE CABINET DOOR.
- COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B
- WALL BASE. SEE FINISH SCHEDULE.
- CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
- LINE OF FLOOR.
- ADJUSTABLE SHELF. UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF TWO SHELVES. NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
- BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B
- CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3 / A505B

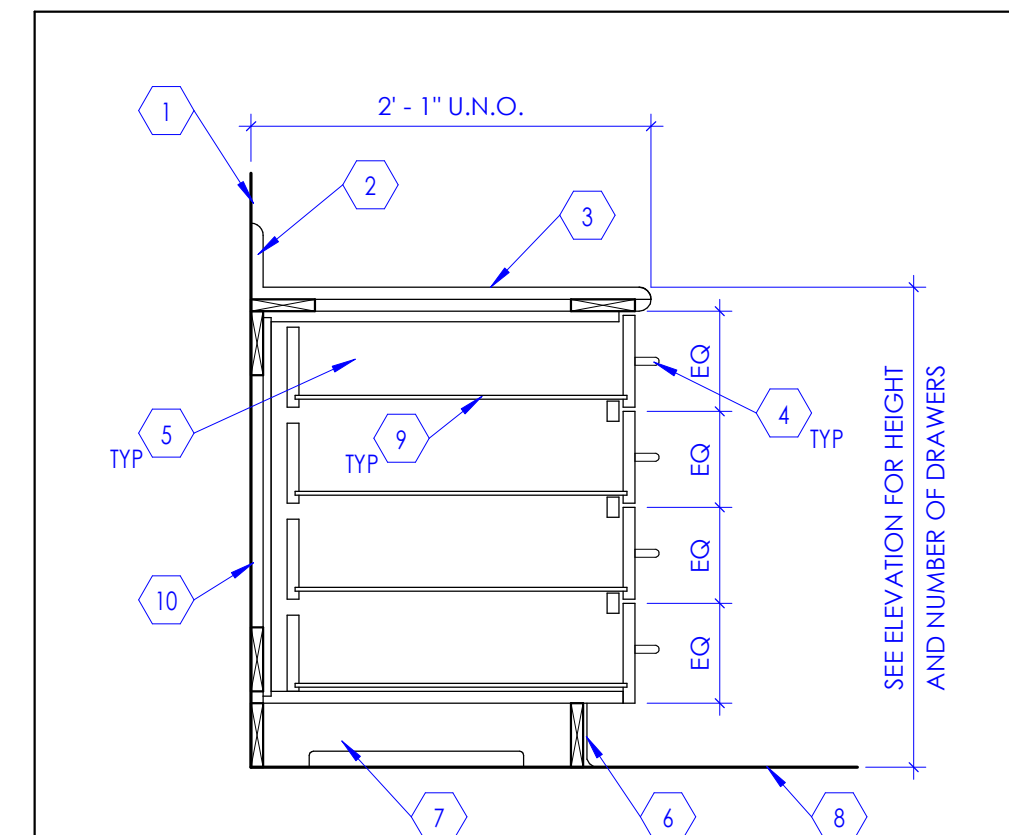


6 Base Cabinet with Drawer and Door

SCALE: 1" = 1'-0"

KEYED NOTES

- LINE OF WALL. AS OCCURS. IF CABINET IS LOCATED AT AN ISLAND, PROVIDE PLASTIC LAMINATE COVERED BACK PANEL, WHERE EXPOSED. NO BACKSPLASH IS NECESSARY.
- DOOR OR DRAWER PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
- PLASTIC LAMINATE CABINET DOOR.
- COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B
- DRAWER. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- WALL BASE. SEE FINISH SCHEDULE.
- CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
- LINE OF FLOOR.
- ADJUSTABLE SHELF. UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF TWO SHELVES. NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
- DRAWER BOTTOM PANEL. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B
- CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3 / A505B

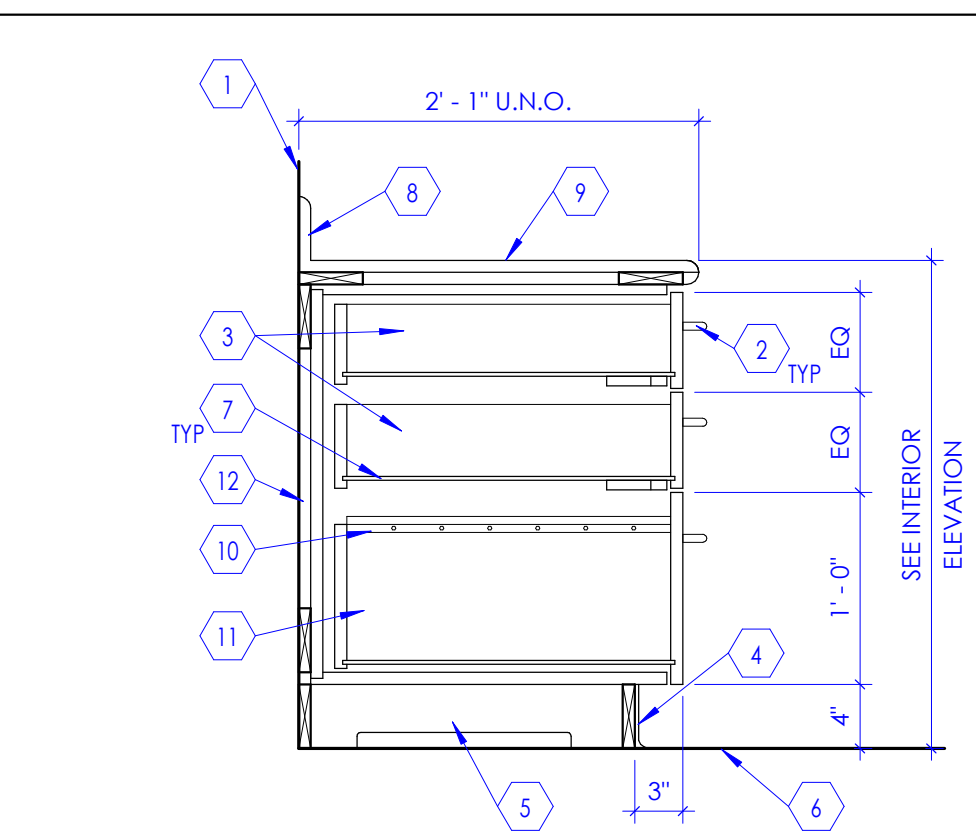


7 Base Cabinet with Drawers

SCALE: 1" = 1'-0"

KEYED NOTES

- LINE OF WALL. AS OCCURS. IF CABINET IS LOCATED AT AN ISLAND, PROVIDE PLASTIC LAMINATE COVERED BACK PANEL, WHERE EXPOSED. NO BACKSPLASH IS NECESSARY.
- BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B
- COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B
- DRAWER PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
- DRAWER. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- WALL BASE. SEE FINISH SCHEDULE.
- CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
- LINE OF FLOOR.
- DRAWER BOTTOM PANEL. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3 / A505B

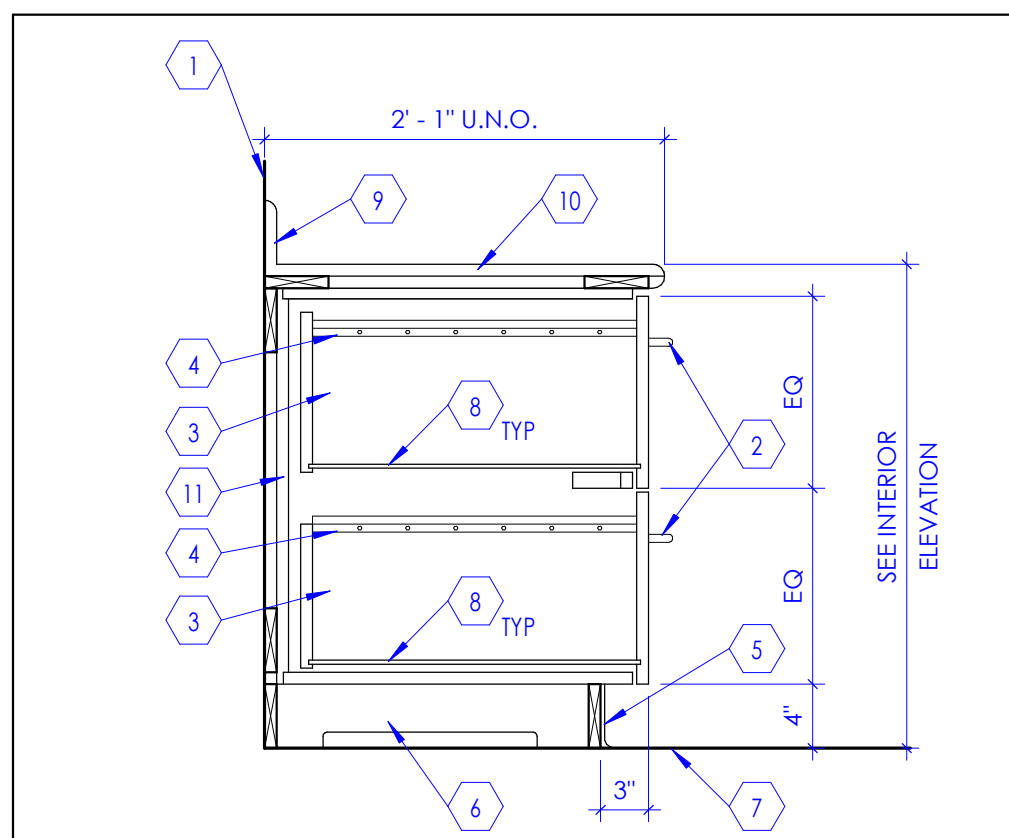


8 Base Cabinet with Drawers

SCALE: 1" = 1'-0"

KEYED NOTES

- LINE OF WALL.
- DRAWER PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
- DRAWER. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- WALL BASE. SEE FINISH SCHEDULE.
- CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
- LINE OF FLOOR.
- BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B
- COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B
- METAL EDGE FOR HANGING FILE FOLDERS. SEE DETAIL 10 / A505B
- FILE DRAWER. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION. SEE DETAIL 10 / A505B
- CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3 / A505B

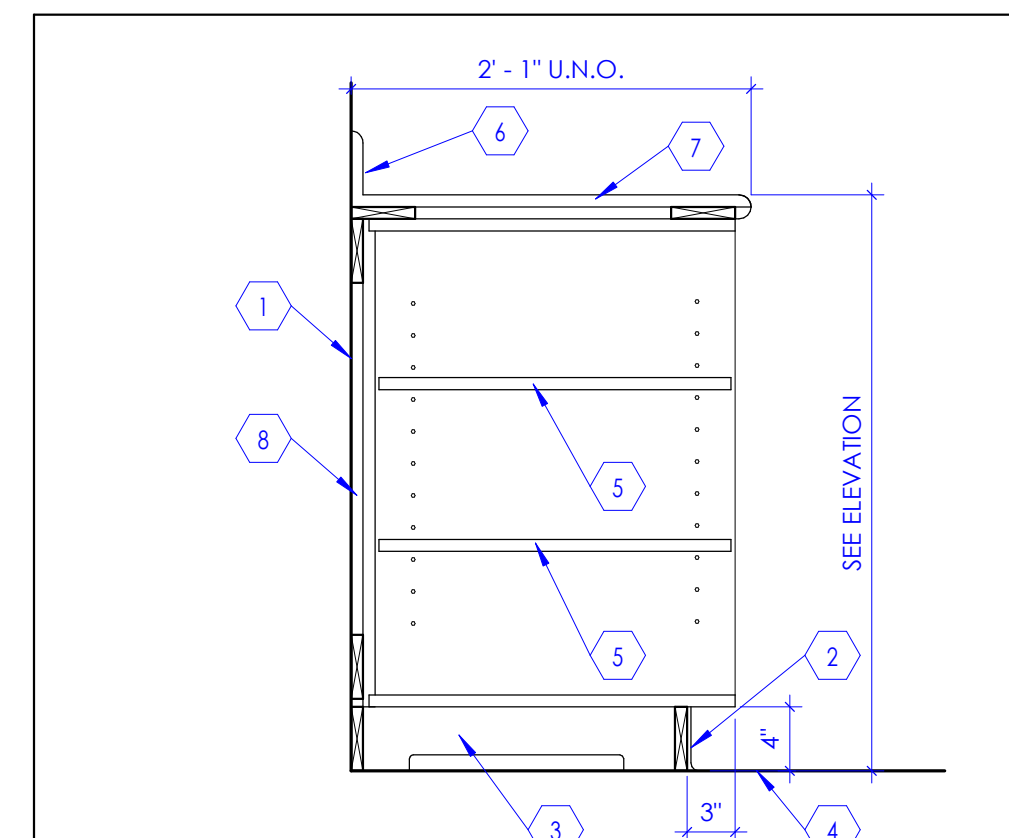


9 Base Cabinet with Two File Drawers

SCALE: 1" = 1'-0"

KEYED NOTES

- LINE OF WALL.
- DRAWER PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
- FILE DRAWER. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION. SEE DETAIL 10 / A505B
- METAL EDGE FOR HANGING FILE FOLDERS. SEE DETAIL 10 / A505B
- WALL BASE. SEE FINISH SCHEDULE.
- CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
- LINE OF FLOOR.
- DRAWER BOTTOM PANEL. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B
- COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B
- CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3 / A505B



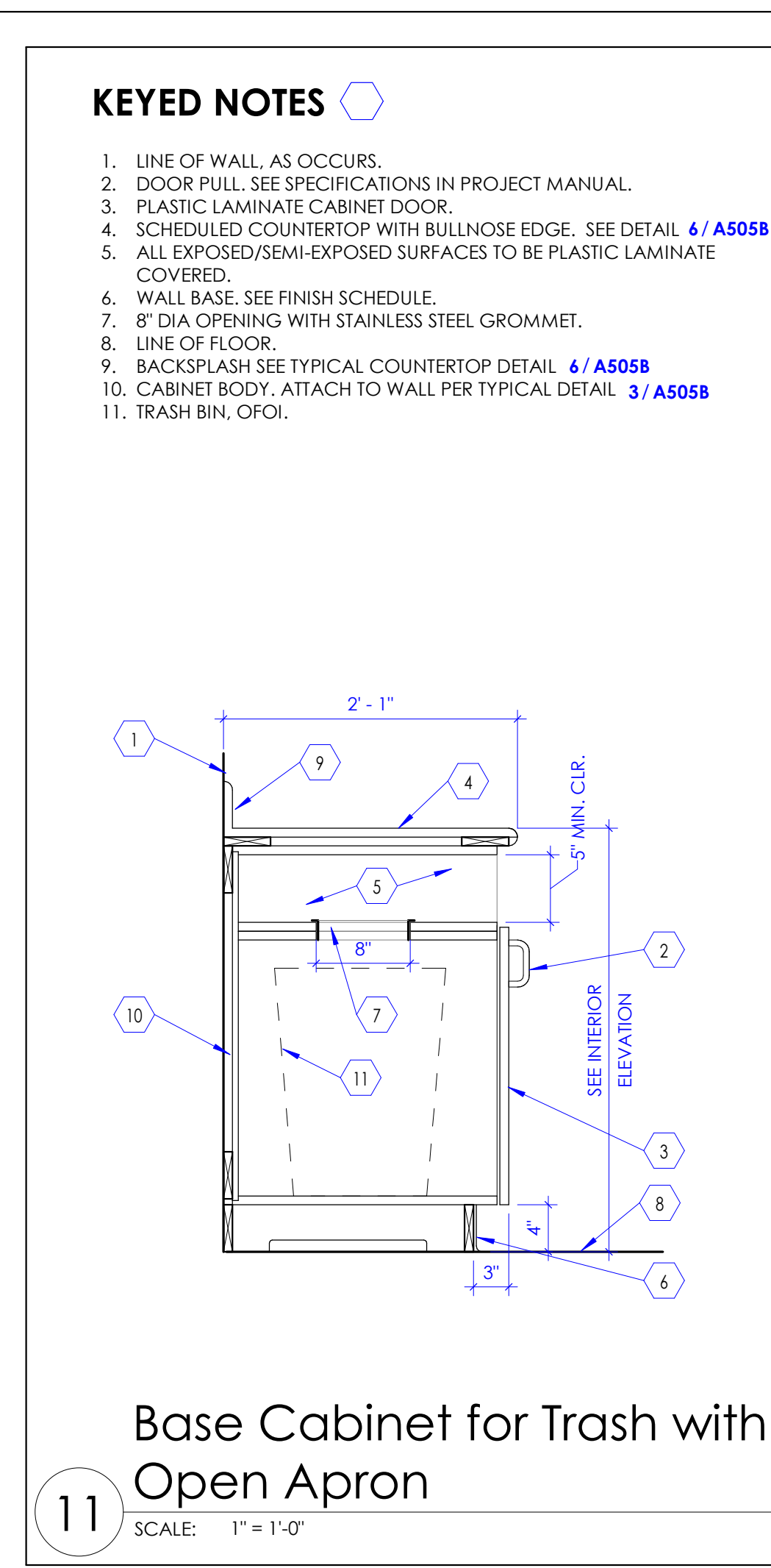
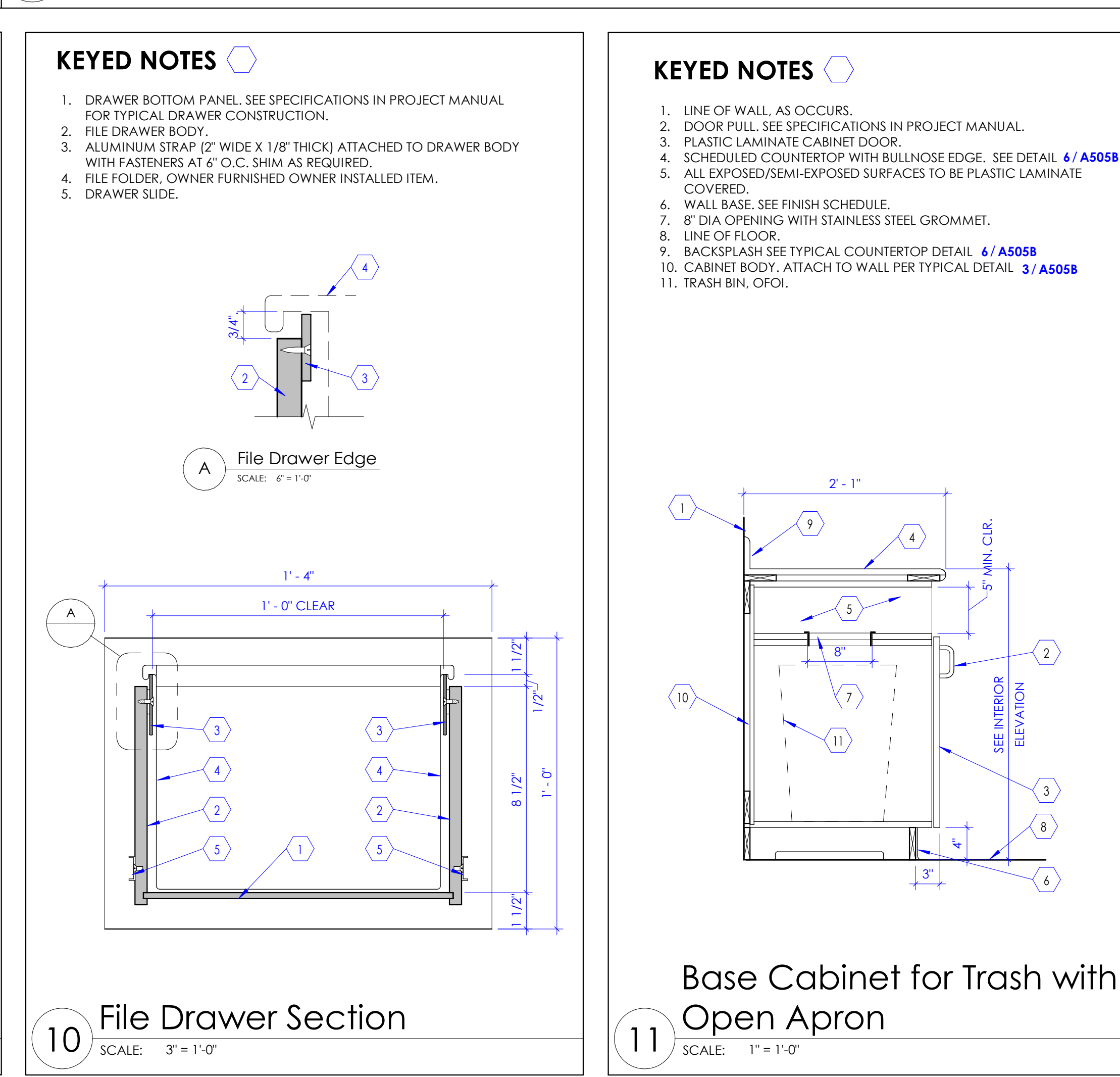
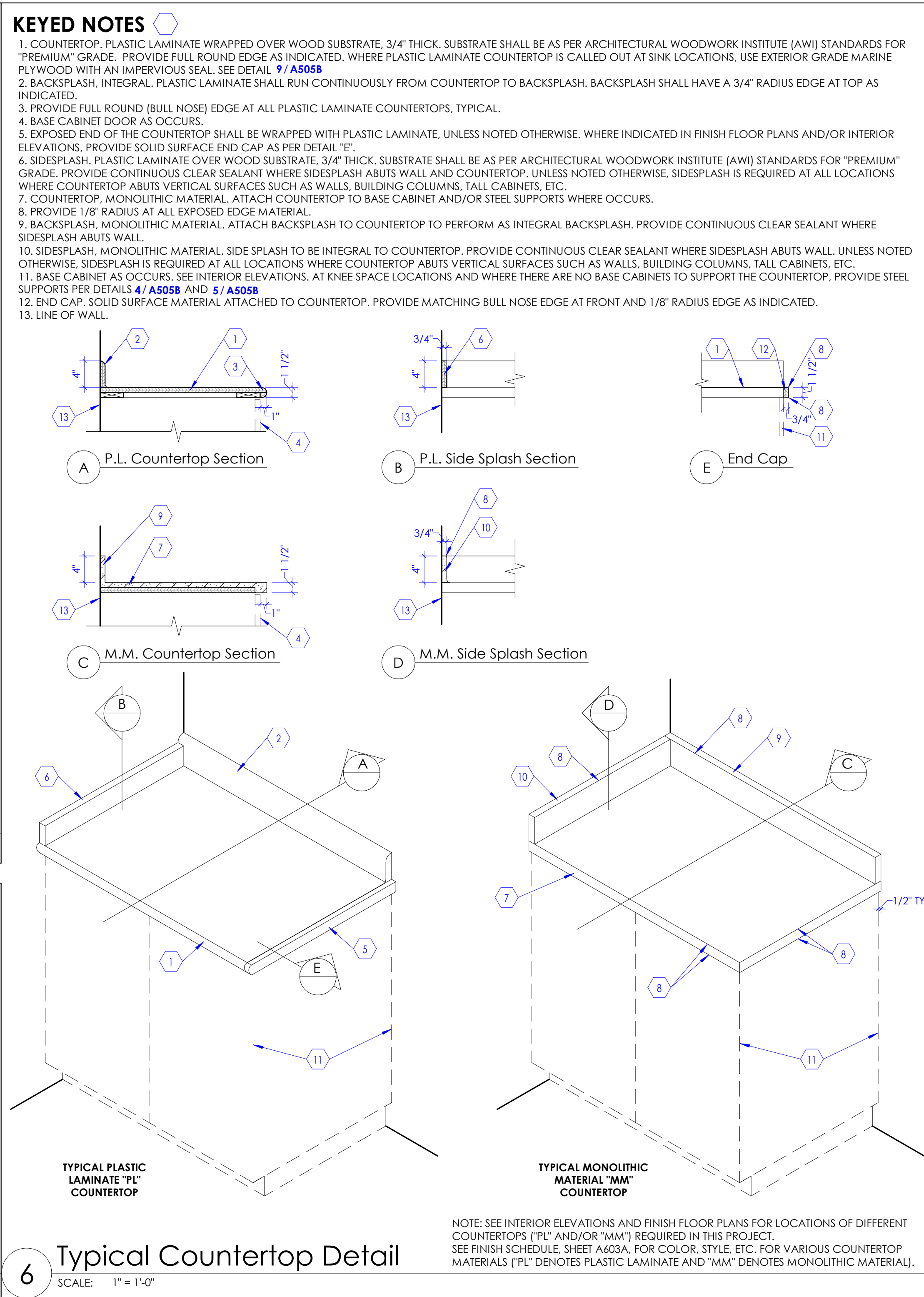
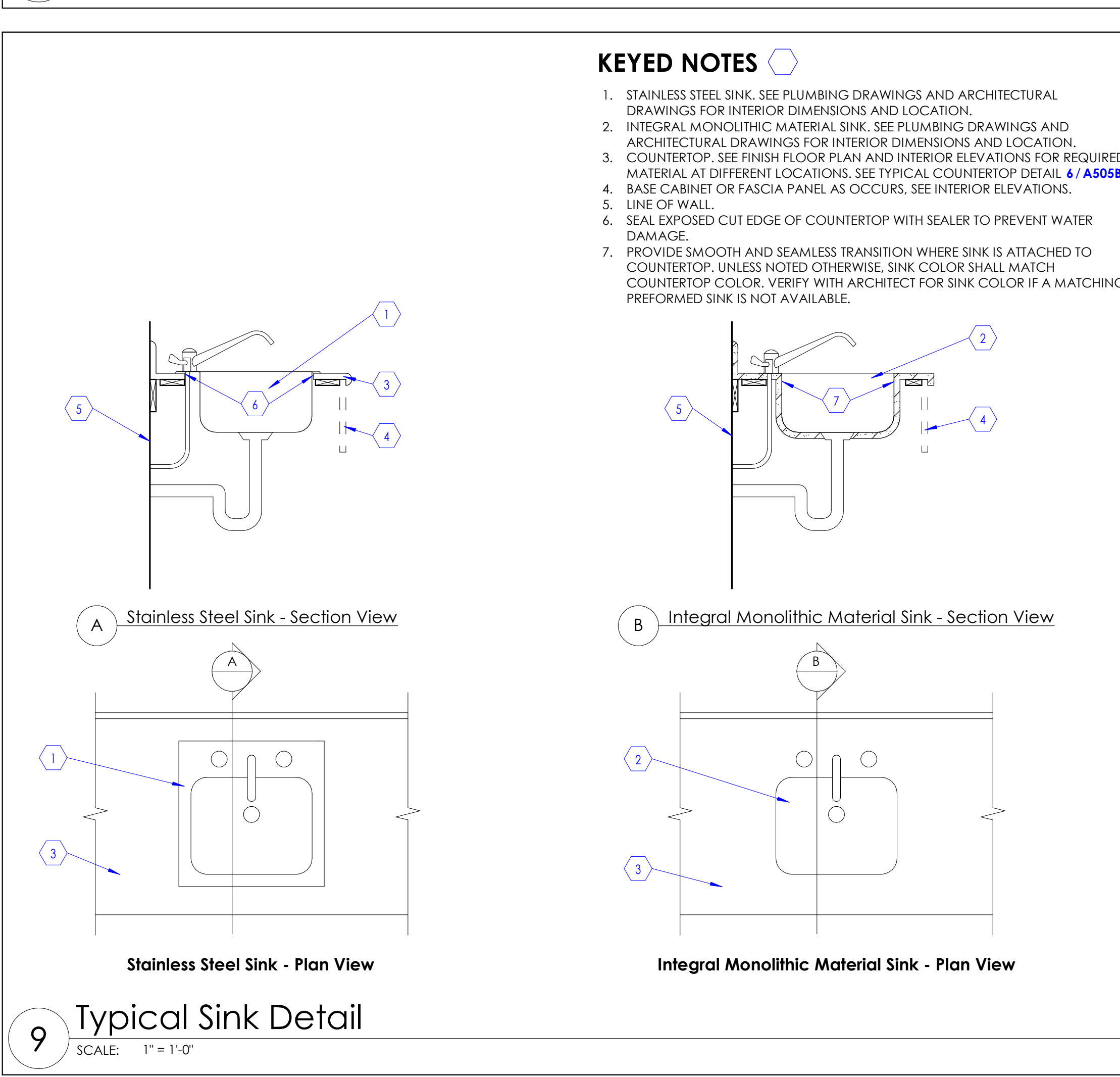
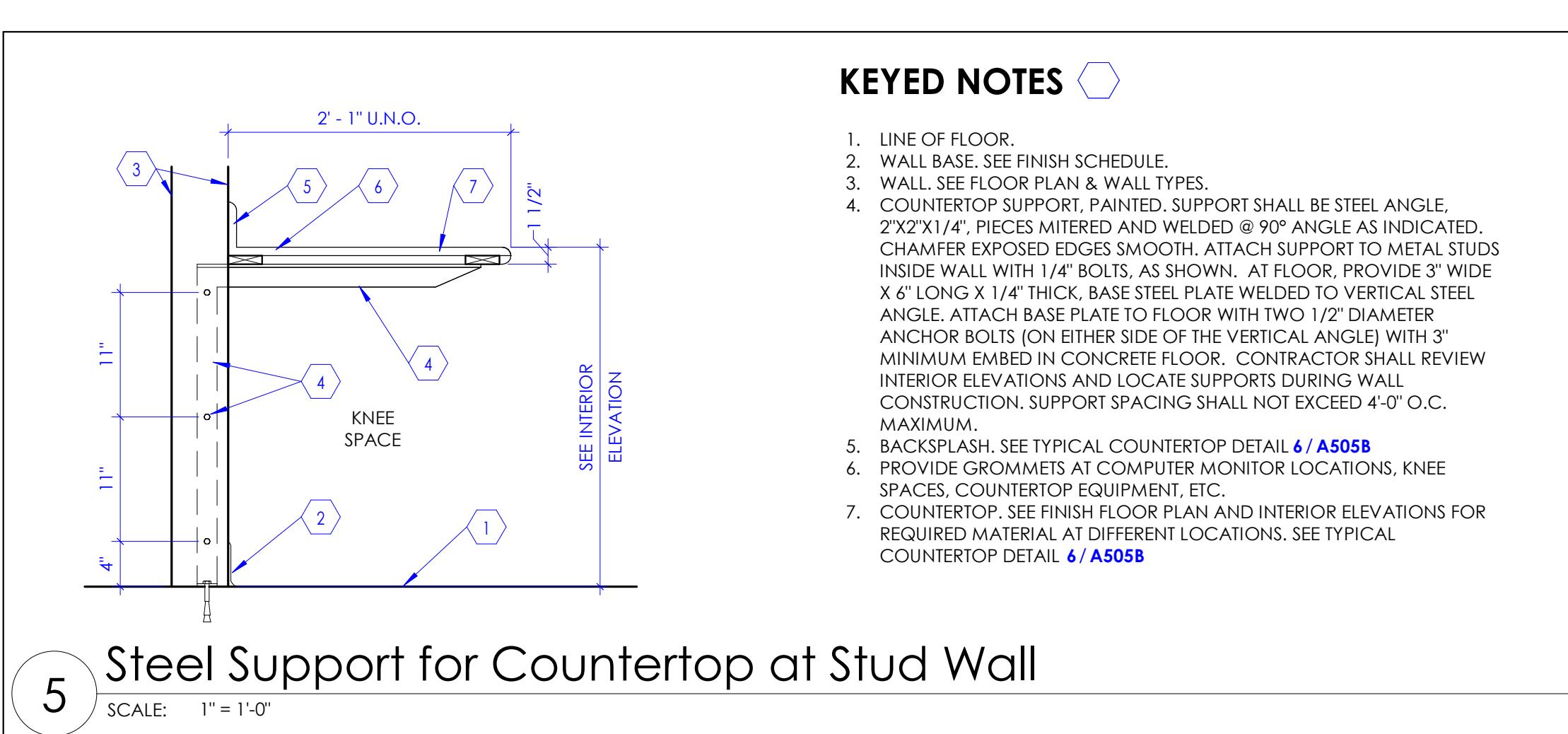
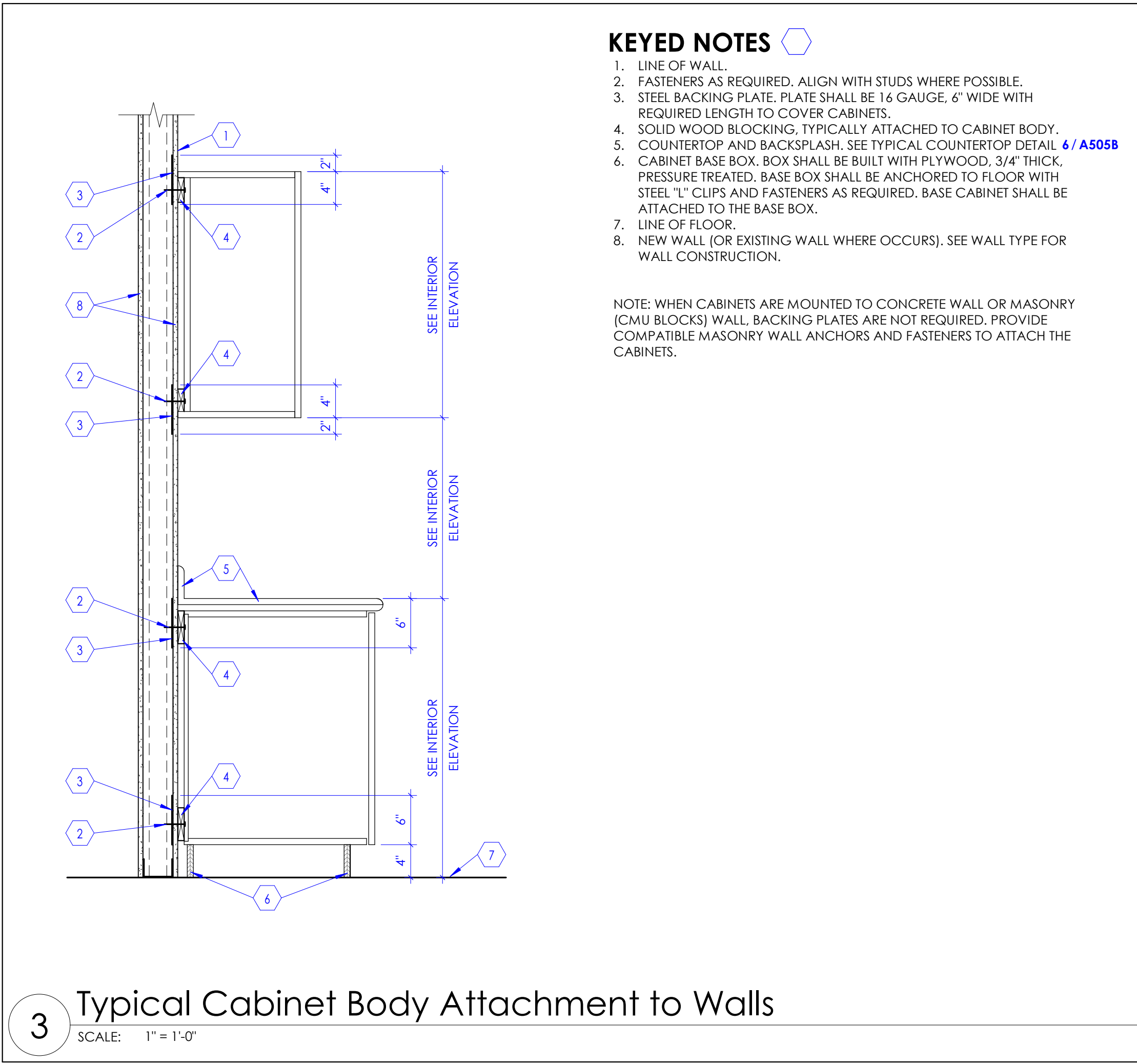
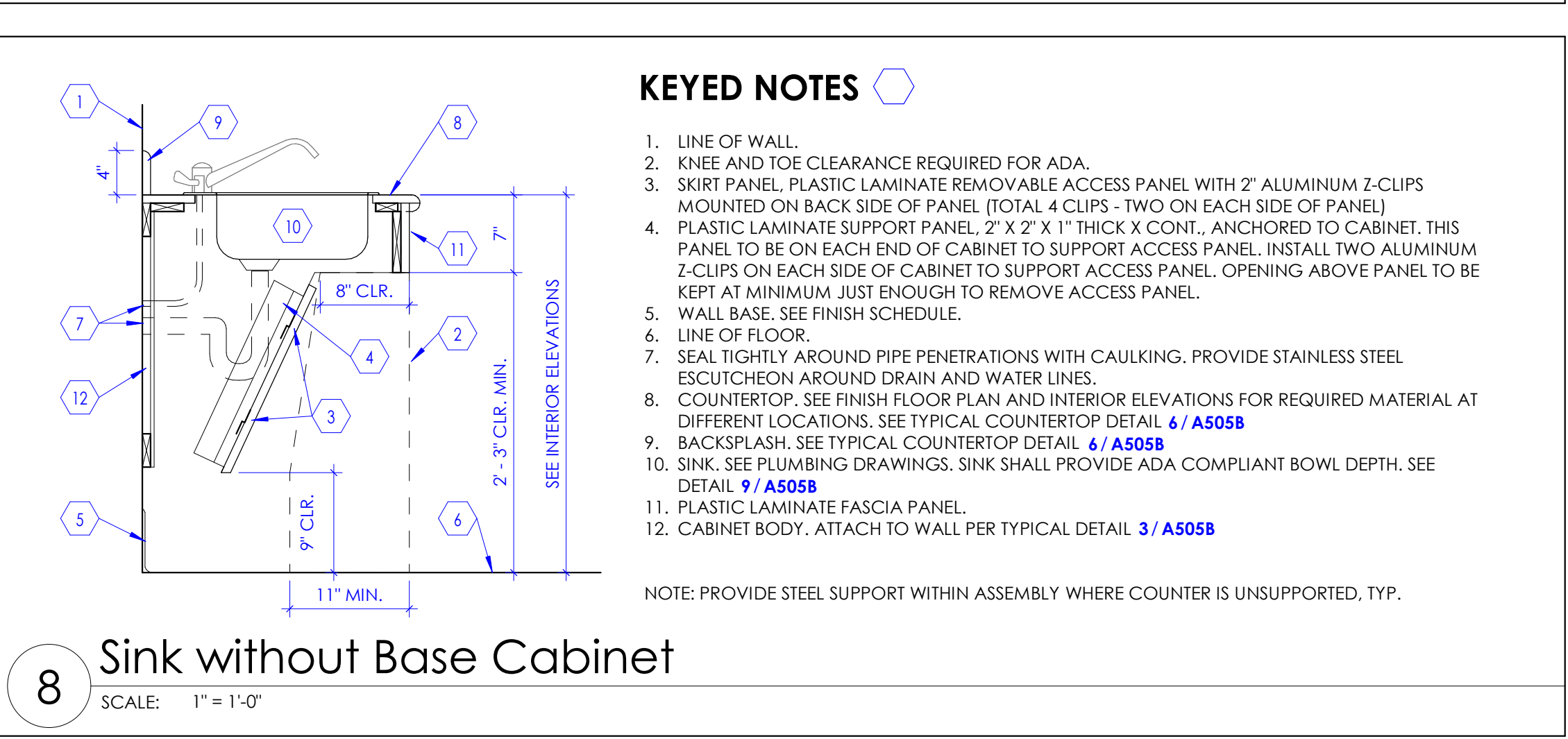
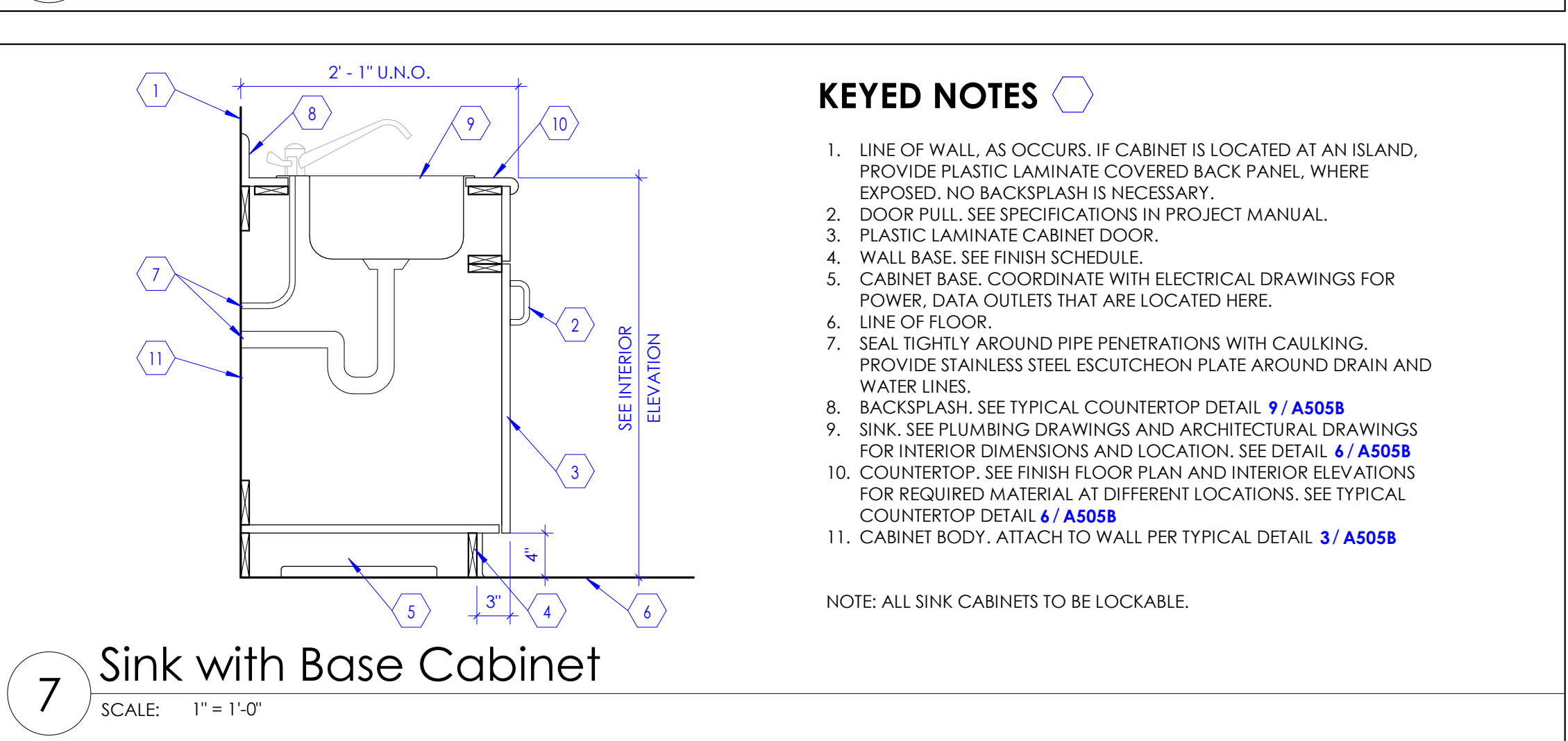
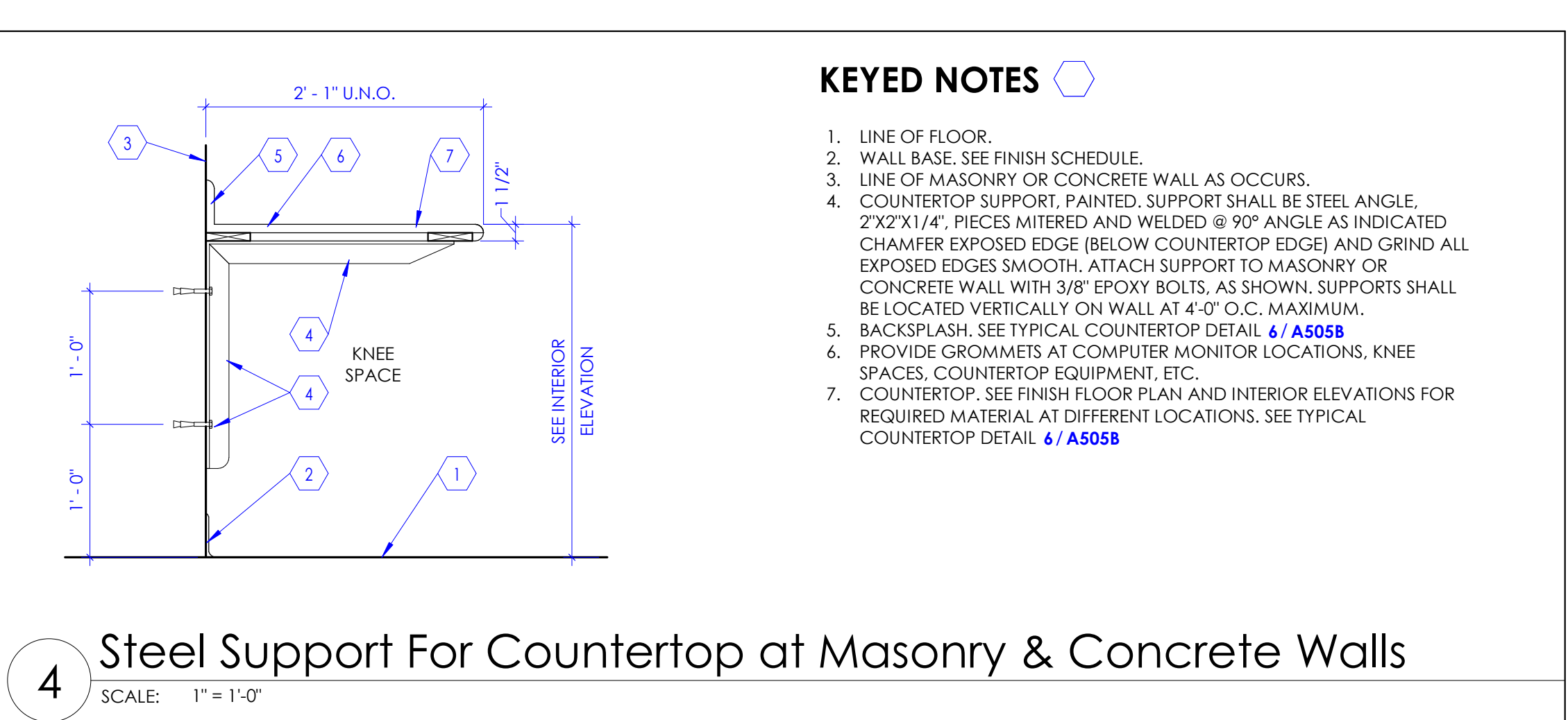
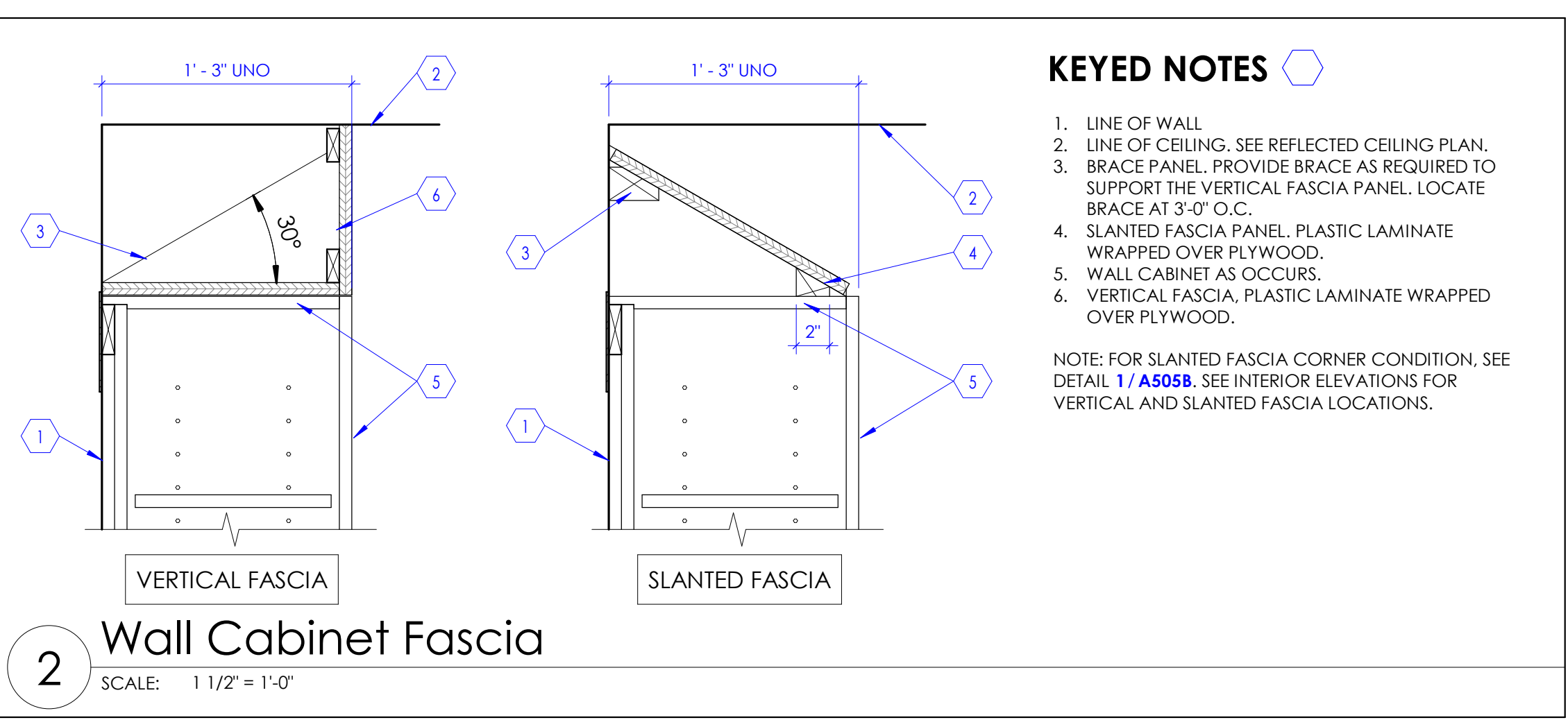
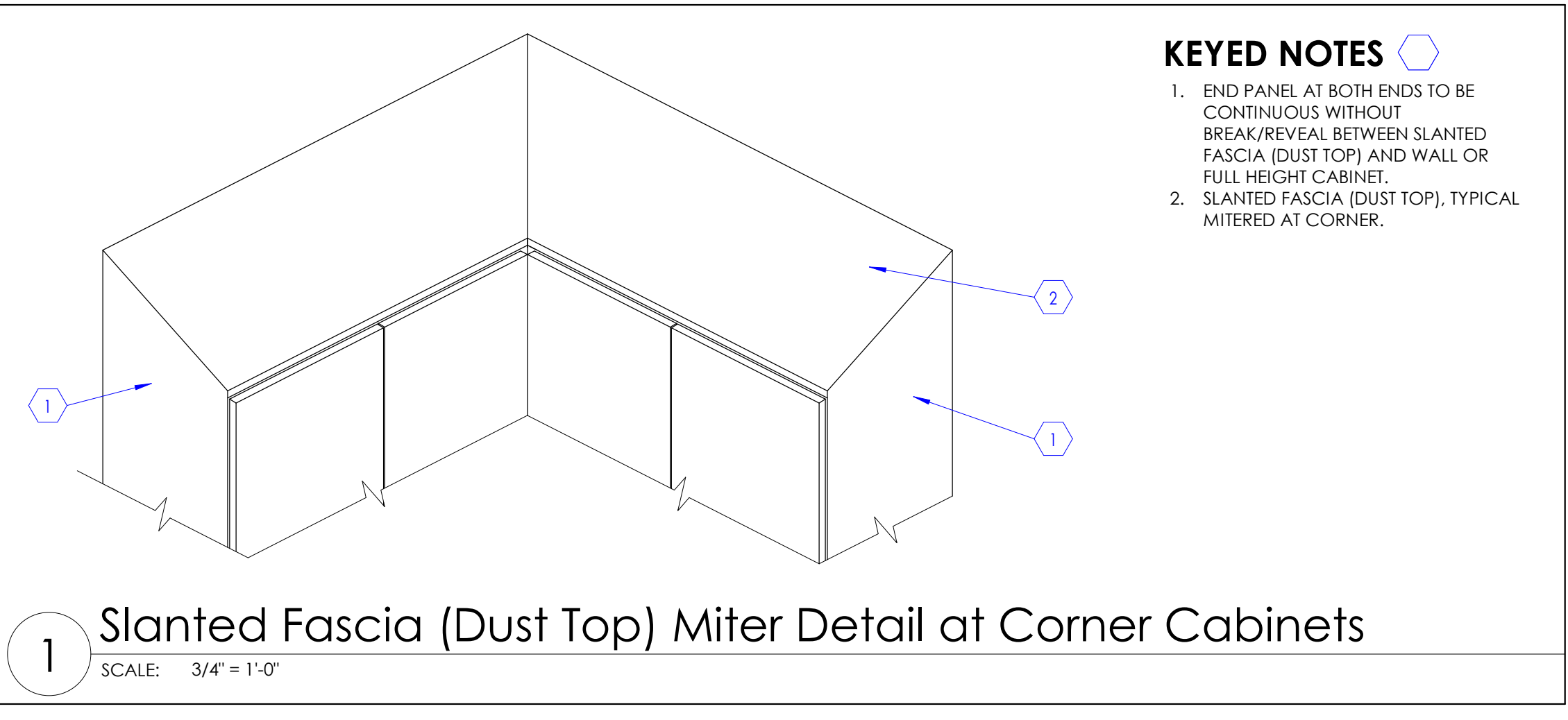
10 Base Cabinet without Door

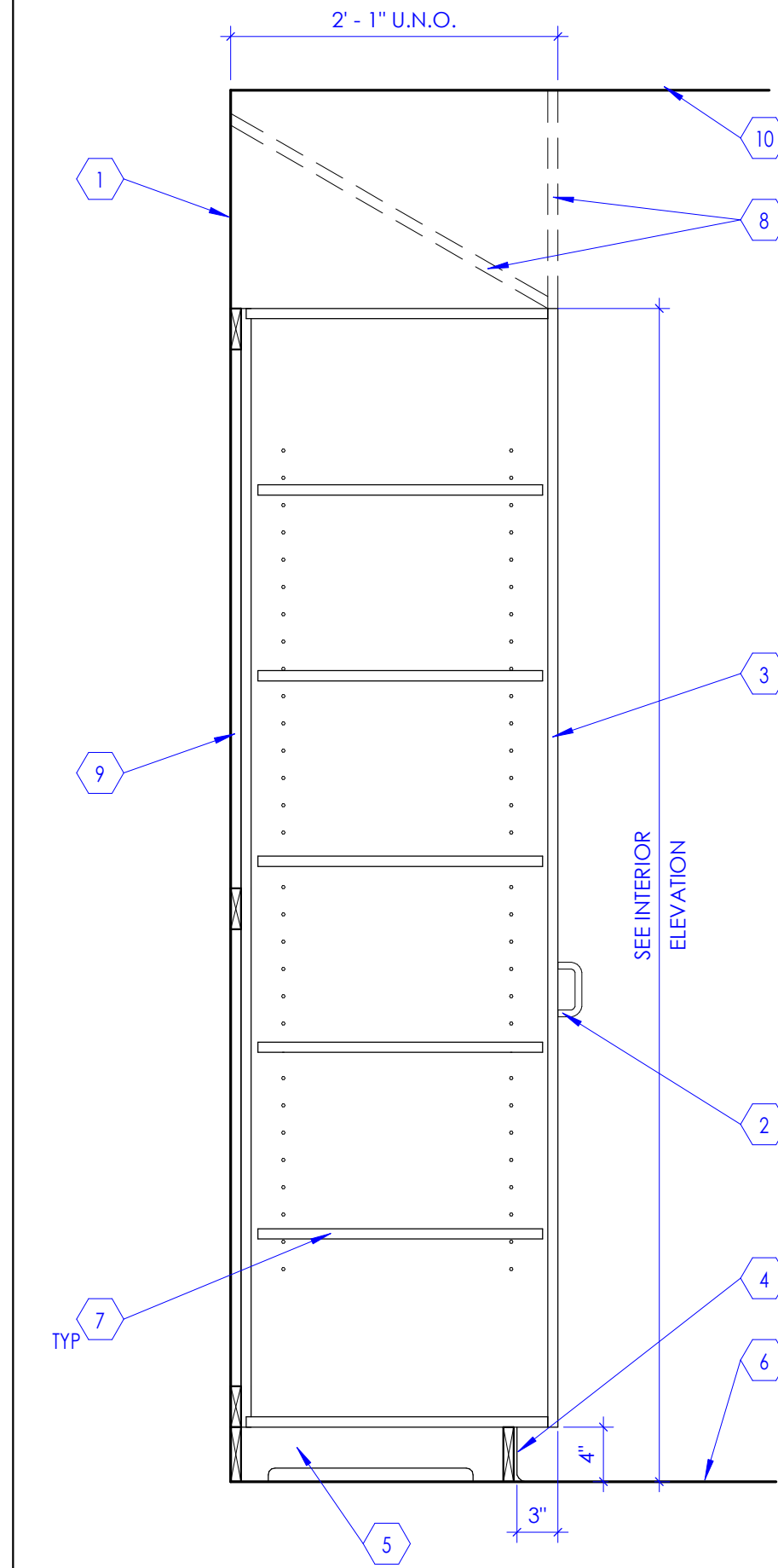
SCALE: 1" = 1'-0"

KEYED NOTES

- LINE OF WALL. AS OCCURS. IF CABINET IS LOCATED AT AN ISLAND, PROVIDE PLASTIC LAMINATE COVERED BACK PANEL, WHERE EXPOSED. NO BACKSPLASH IS NECESSARY.
- WALL BASE. SEE FINISH SCHEDULE.
- CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
- LINE OF FLOOR.
- ADJUSTABLE SHELF. UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF TWO SHELVES. NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
- BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B
- COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B
- CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3 / A505B

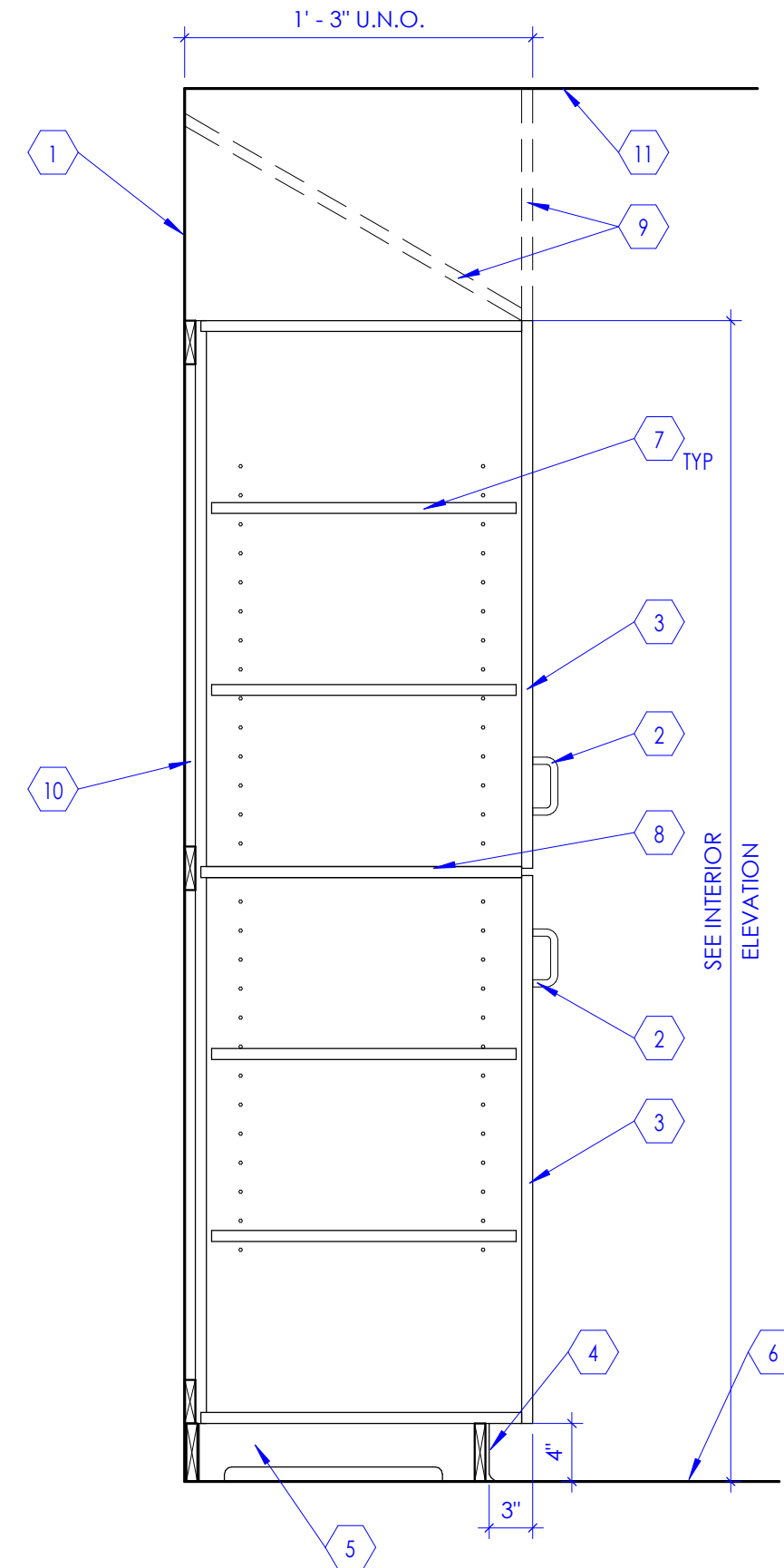
NOTE: ALL EXPOSED SURFACES OF CABINET INTERIOR SHALL BE COVERED WITH PLASTIC LAMINATE PER SPECIFICATION.





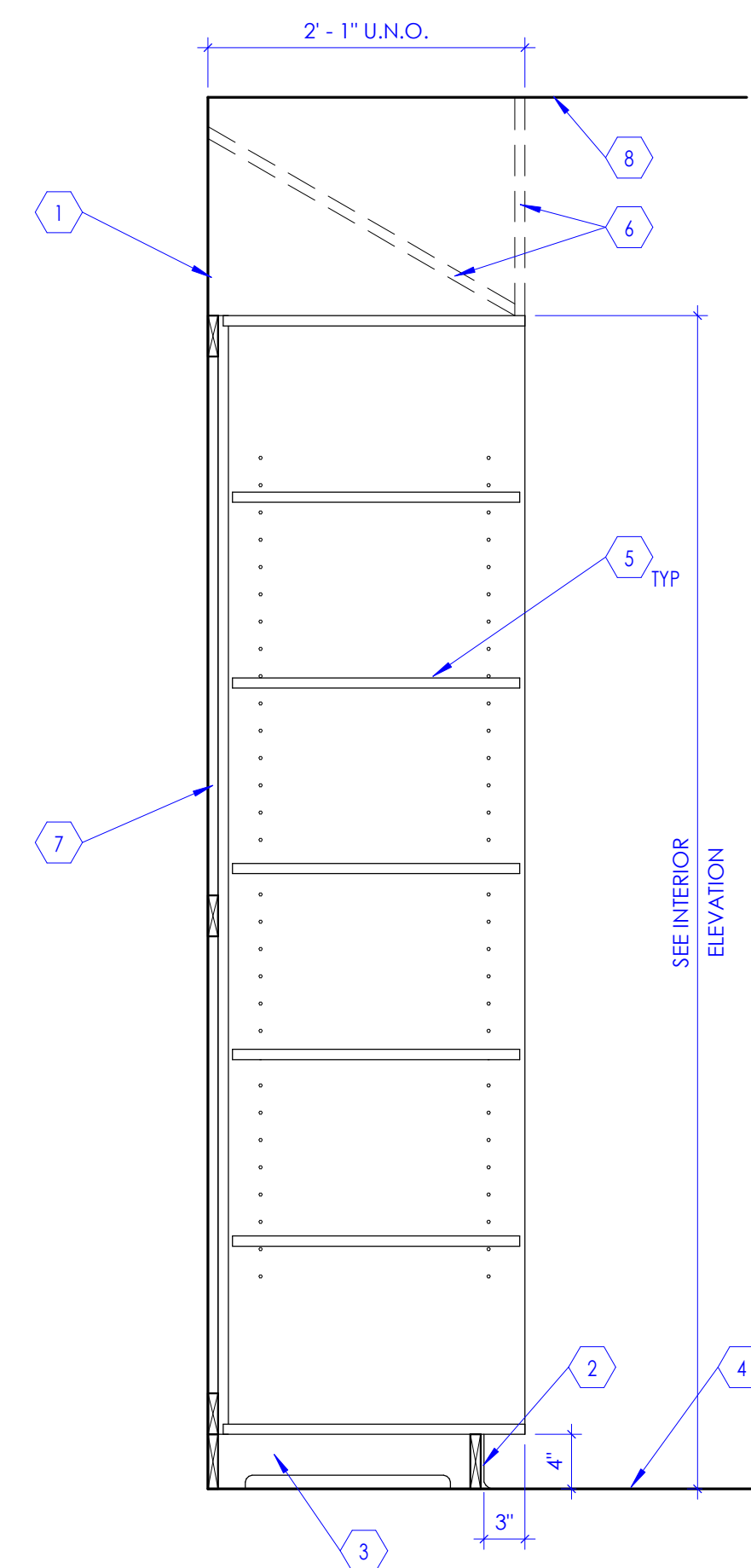
- KEYED NOTES**
1. LINE OF WALL.
 2. DOOR PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
 3. PLASTIC LAMINATE CABINET DOOR.
 4. WALL BASE. SEE FINISH SCHEDULE.
 5. CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER AND DATA OUTLETS THAT ARE LOCATED HERE.
 6. LINE OF FLOOR.
 7. ADJUSTABLE SHELF. UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF FIVE SHELVES, NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
 8. FASCIA PANEL AS OCCURS. SEE INTERIOR ELEVATION. SEE DETAIL **2 / A505B**
 9. CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL **3 / A505B**
 10. LINE OF CEILING. SEE REFLECTED CEILING PLAN.

1 Tall Cabinet with One Door
SCALE: 1" = 1'-0"



- KEYED NOTES**
1. LINE OF WALL.
 2. DOOR PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
 3. PLASTIC LAMINATE CABINET DOOR.
 4. WALL BASE. SEE FINISH SCHEDULE.
 5. CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER AND DATA OUTLETS THAT ARE LOCATED HERE.
 6. LINE OF FLOOR.
 7. ADJUSTABLE SHELF. UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF FOUR SHELVES, NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
 8. FIXED SHELF. MULTI-CORE, 1" THICK, PREMIUM GRADE-PANEL CORE PRODUCT USED FOR LAMINATED CASEWORK.
 9. FASCIA PANEL. AS OCCURS. SEE INTERIOR ELEVATION. SEE DETAIL **2 / A505B**
 10. CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL **3 / A505B**
 11. LINE OF CEILING. SEE REFLECTED CEILING PLAN.

2 Tall Cabinet with Two Doors
SCALE: 1" = 1'-0"

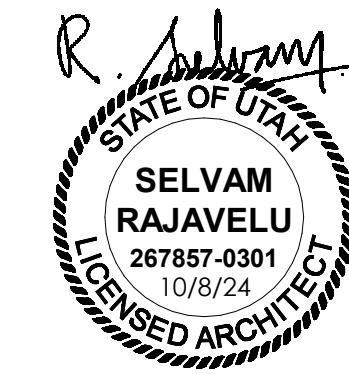


- KEYED NOTES**
1. LINE OF WALL.
 2. WALL BASE. SEE FINISH SCHEDULE.
 3. CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER AND DATA OUTLETS THAT ARE LOCATED HERE.
 4. LINE OF FLOOR.
 5. ADJUSTABLE SHELF. UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF FIVE SHELVES, NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
 6. FASCIA PANEL AS OCCURS. SEE INTERIOR ELEVATION. SEE DETAIL **2 / A505B**
 7. CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL **3 / A505B**
 8. LINE OF CEILING. SEE REFLECTED CEILING PLAN.

3 Tall Cabinet Without Doors
SCALE: 1" = 1'-0"



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Intermountain Health
Intermountain Kidney Services
Ogden Kidney Clinic

1100 Country Hills Drive
Ogden, Utah 84403

NJRA Project # 23244.00
Construction Documents Oct 8, 2024

Cabinet
Details

A505C

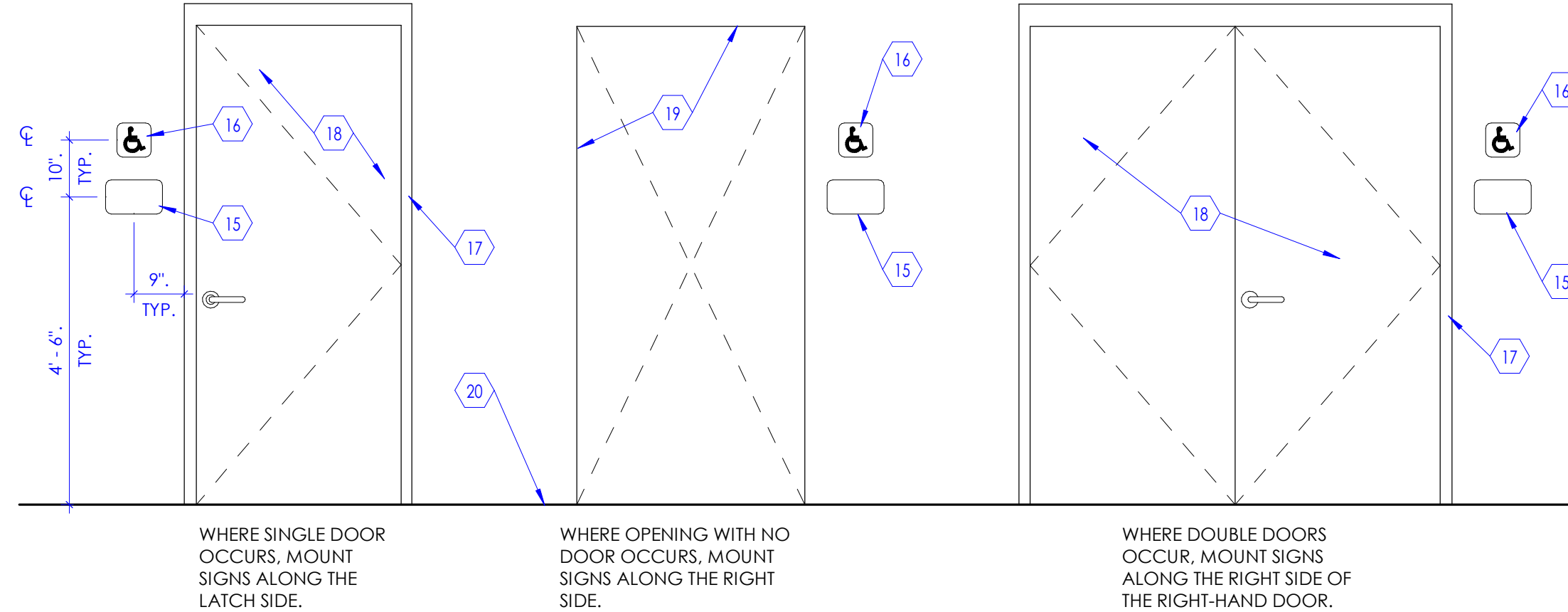
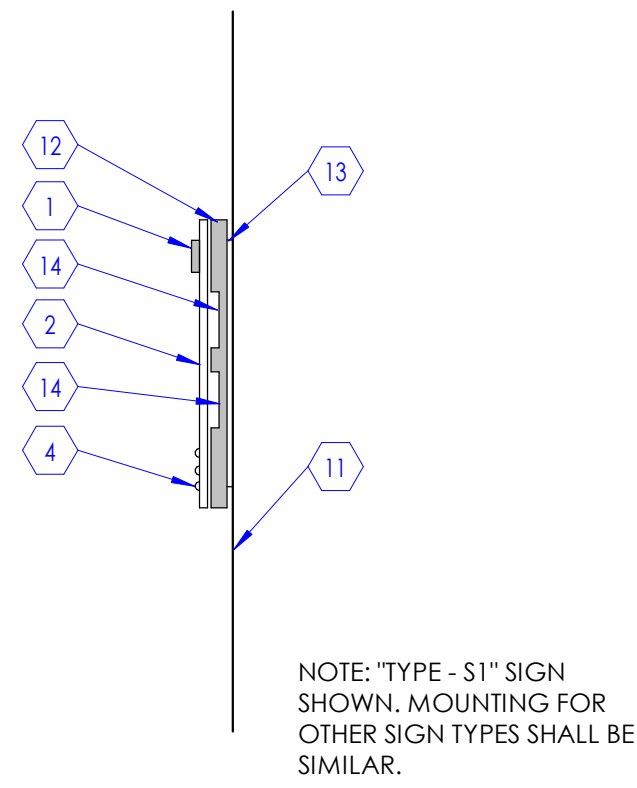
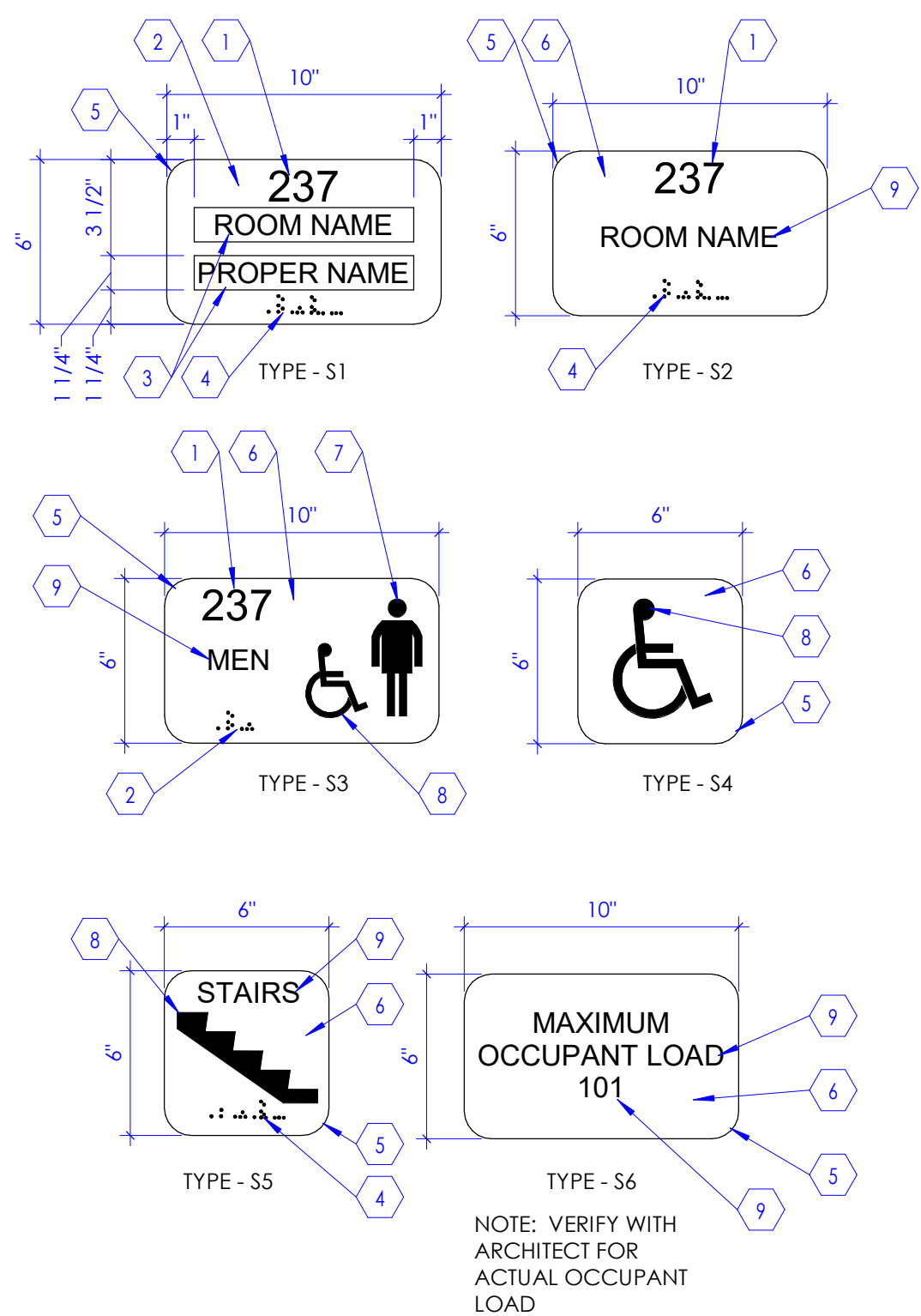
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KEYED NOTES

1. ROOM NUMBER (1/32" RAISED TEXT CHARACTERS, HELVETICA FONT, MATTE FINISHED OPAQUE ACRYLIC SHEET) ATTACHED TO FRONT PANEL.
2. MATTE FINISHED OPAQUE ACRYLIC FRONT PANEL (WITH TRANSPARENT WINDOW) ATTACHED TO BASE PANEL.
3. TRANSPARENT WINDOW FOR TEXT INSERT (HELVETICA FONT). TEXT INSERT SHALL BE FURNISHED AND INSTALLED BY SIGN CONTRACTOR.
4. BRAILLE CHARACTERS AS PER ADA (AMERICANS WITH DISABILITIES ACT) REQUIREMENTS DENOTING ROOM NUMBER AND NAME.
5. RADIUS CORNER, 1" TYPICAL.
6. MATTE FINISHED OPAQUE ACRYLIC FRONT PANEL ATTACHED TO BASE PANEL.
7. PROVIDE APPROPRIATE SYMBOL FOR MEN, WOMEN, UNISEX, BOYS AND GIRLS TOILET ROOM AS OCCURS.
8. PROVIDE APPROPRIATE SYMBOL FOR STAIR, DISABLED SIGN, ETC., AS INDICATED.
9. ROOM NAME (1/32" RAISED TEXT CHARACTERS, HELVETICA FONT, MATTE FINISHED OPAQUE ACRYLIC SHEET) ATTACHED TO FRONT PANEL.
10. PROVIDE DISABLED SYMBOL AS INDICATED IN THE SIGN FOR ALL ROOMS THAT ARE WHEEL CHAIR ACCESSIBLE.
11. LINE OF WALL.
12. MATTE FINISHED, OPAQUE ACRYLIC SHEET BASE PANEL ATTACHED TO SHIM PLATE.
13. SHIM PLATE, ALUMINUM, 1/4" THICK, CONCEALED, WITH PRE-DRILLED HOLES FOR COUNTERSUNK FASTENERS. USE APPROPRIATE FASTENERS DEPENDING ON THE SUBSTRATE.
14. RECESS 1/16" FOR TEXT INSERT, FOR SIGN TYPE - S1 ONLY.
15. SIGNAGE.
16. SIGN AT ALL ACCESSIBLE LOCATION.
17. DOOR FRAME, SEE DOOR SCHEDULE.
18. DOOR, SEE DOOR SCHEDULE.
19. OPENING IN WALL.
20. LINE OF FLOOR.

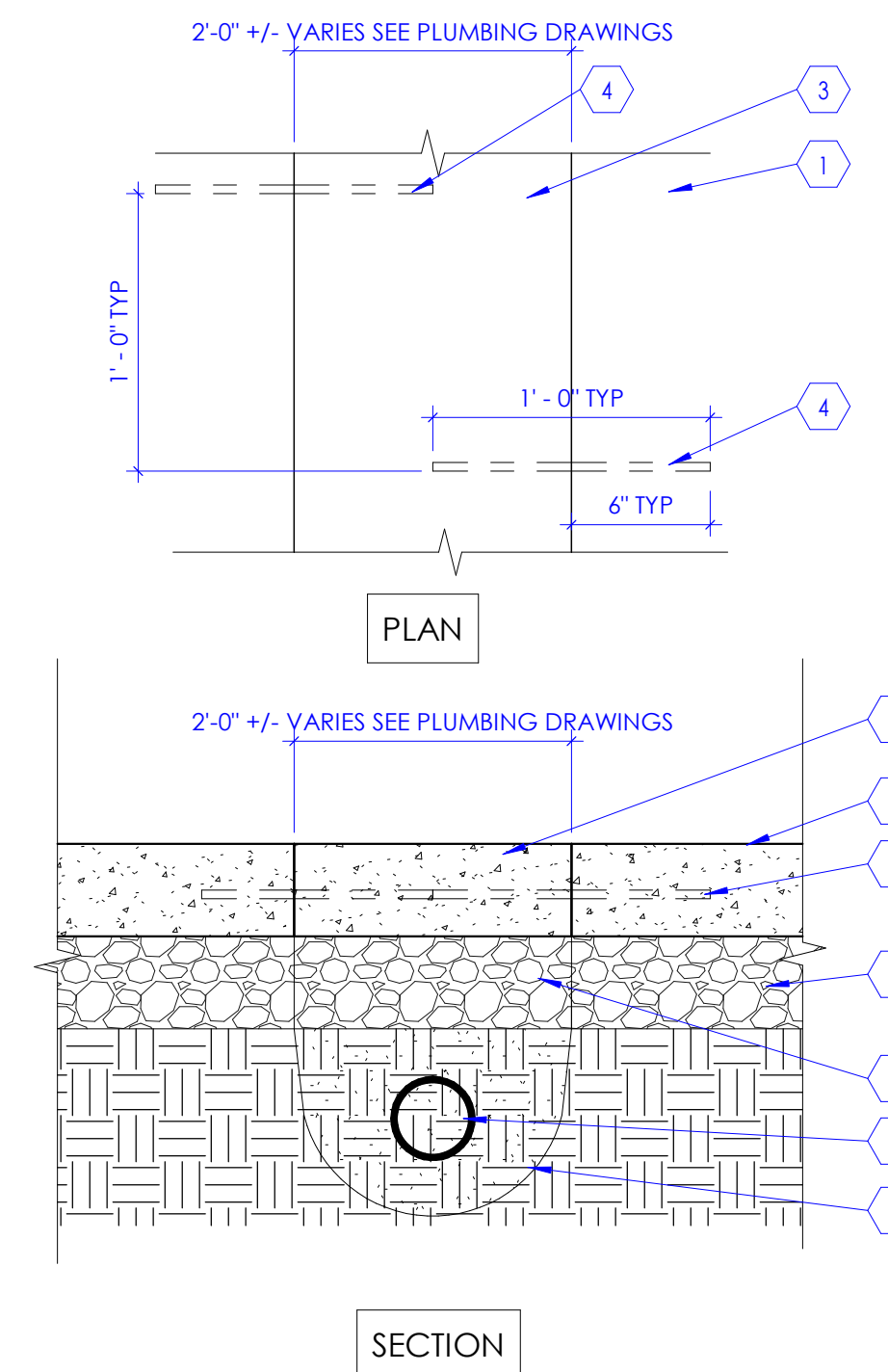
NOTE:

- A. PROVIDE ROOM SIGN AT EACH DOORWAY OR A WALL OPENING LEADING TO A ROOM. SEE FINISH FLOOR PLAN FOR REQUIRED NUMBER OF SIGNS, SIGN TYPE, ROOM NAMES, ETC.
- B. SIGN CONTRACTOR SHALL COORDINATE WITH OWNER AND PROVIDE TEXT INSERTS FOR OCCUPANTS PROPER NAME FOR ALL TYPE S1 WALL SIGNS.
- C. ALL COLORS SHALL BE SELECTED BY ARCHITECT AND MOUNTED ON WALL OR DOOR PER DETAIL B'.



KEYED NOTES

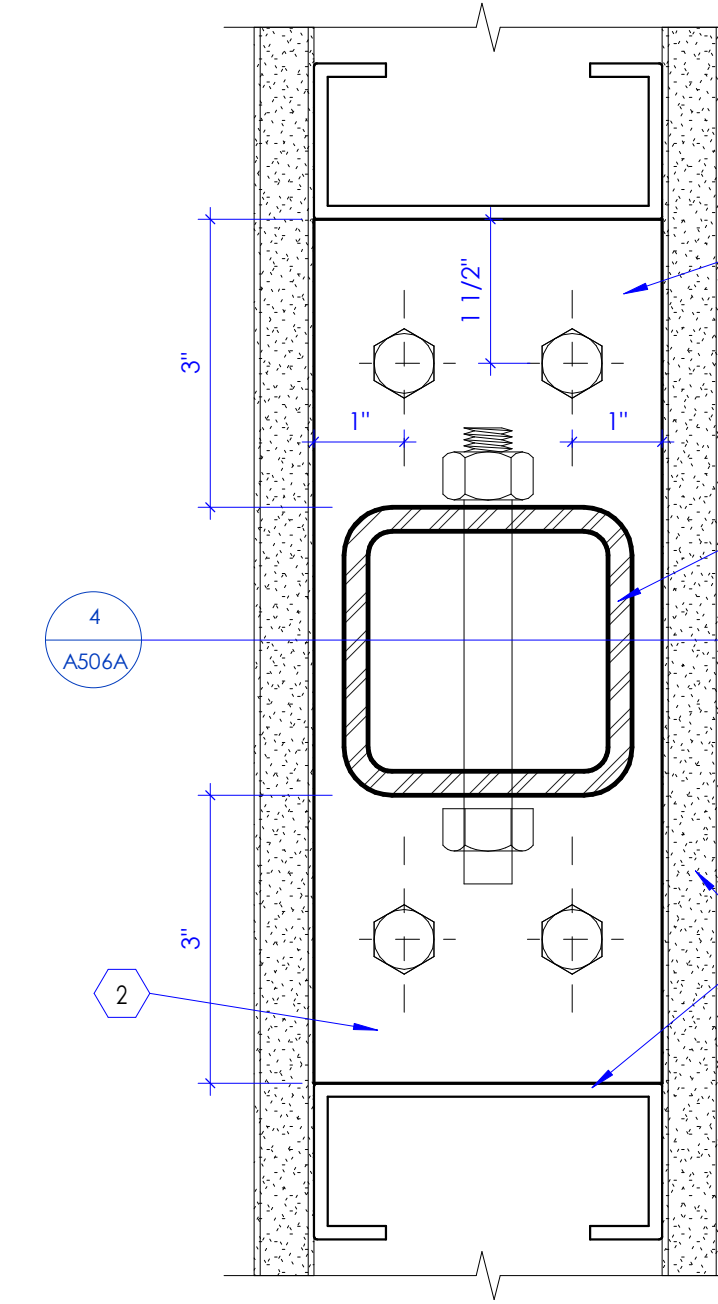
1. EXISTING CONCRETE SLAB TO REMAIN.
2. EXISTING DRAINAGE COURSE TO REMAIN V.I.F.
3. NEW CONCRETE SLAB TO MATCH EXISTING.
4. #3 EPOXY DOWEL TYP. PROVIDE 6" MIN. EMBEDMENT.
5. NEW DRAINAGE COURSE MATCH EXISTING.
6. NEW PLUMBING LINE OR CONDUIT AS OCCURS. SEE PLUMBING/ELECTRICAL DRAWINGS.
7. NEW SAND BED PROVIDE 3" MIN. COVER ALL AROUND NEW PLUMBING LINE/CONDUIT TYP.



Concrete Trench Repair Detail

KEYED NOTES

1. TUBE STEEL, HSS 3" X 3" X 3/16", FULL HEIGHT OF WALL. USE 3/8" BOLTS @ 6" O.C. VERTICALLY.
2. STEEL PLATE, 3/8" THICK, ANCHOR TO FLOOR WITH PER WALL TYPE P3, SEE SHEET A501A.
3. SCHEDULED METAL STUD FRAMING, WITH 5/8" THICK, TYPE 'X' GYPSUM BOARD.



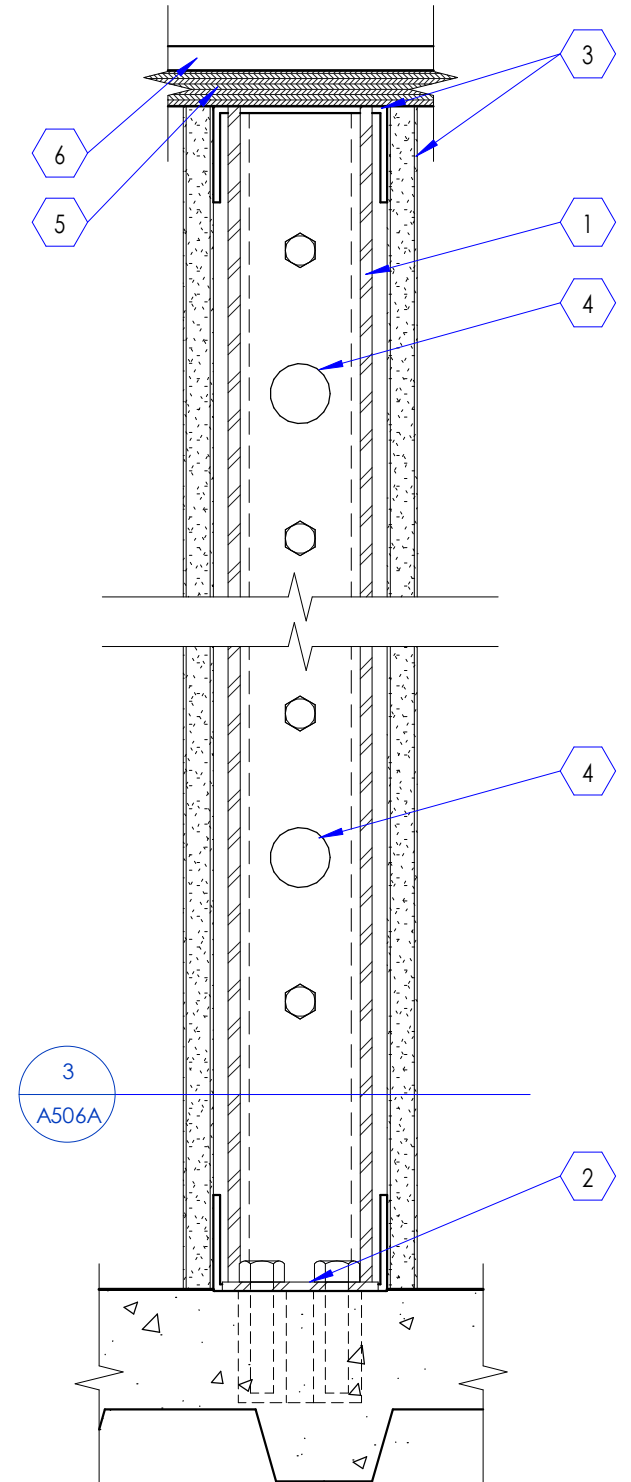
Typical Tube Steel Post Plan

Room Signage Detail

SCALE: N.T.S.

KEYED NOTES

1. TUBE STEEL, HSS 3" X 3" X 3/16", FULL HEIGHT OF WALL. USE 3/8" BOLTS @ 6" O.C. VERTICALLY.
2. STEEL PLATE, 3/8" THICK, ANCHOR TO FLOOR WITH PER WALL TYPE P3, SEE SHEET A501A.
3. SCHEDULED METAL STUD FRAMING, WITH 5/8" THICK, TYPE 'X' GYPSUM BOARD.
4. PROVIDE (2) 1 1/4" Ø OPENING IN TUBE STEEL FOR ELECTRICAL CONDUIT, TYP.
5. 3/4" THICK, CONT. FRIT PLYWOOD, ATTACH PLYWOOD TO VERTICAL STEEL TUBE POST AND FRAMING.
6. SOLID SURFACE OR QUARTZ TRANSACTION TOP, ATTACH TO PLYWOOD BELOW.

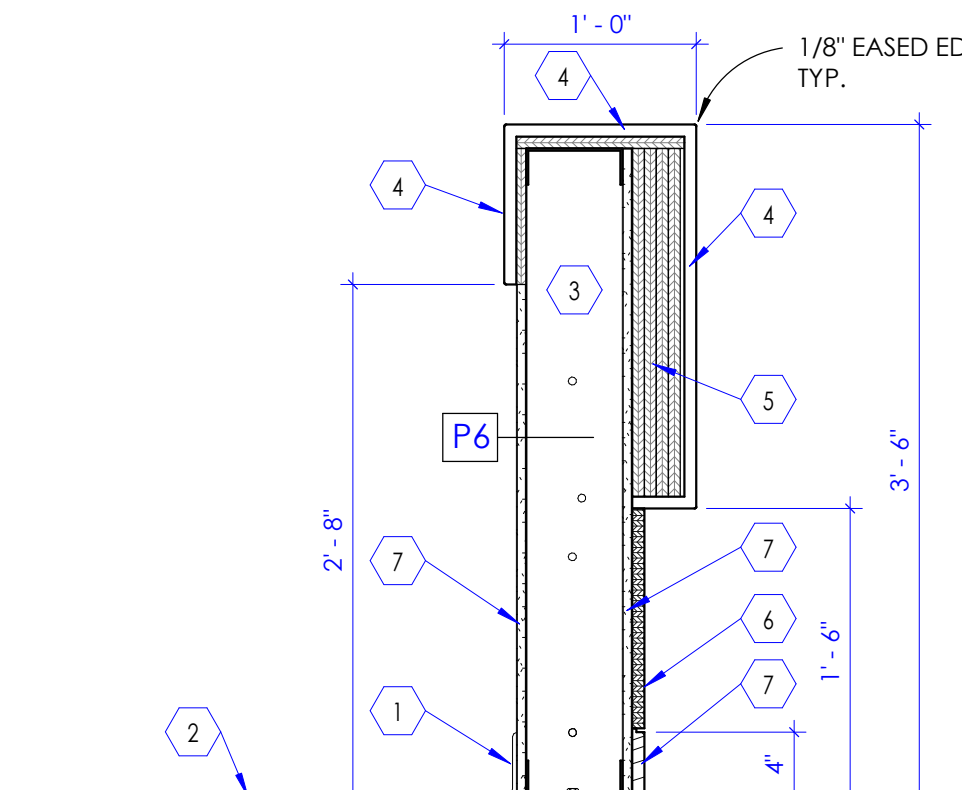


Typ. Tube Steel Post Section

SCALE: 3" = 1'-0"

KEYED NOTES

1. SCHEDULED BASE, SEE FINISH FLOOR PLAN.
2. LINE OF FLOOR.
3. SUPPORT WALL, WALL TYPE P6, METAL STUD FRAMING (6" THICK, 16 GAUGE, METAL STUDS AT 16" O.C.) ANCHORED TO FLOOR SLAB SIMILAR TO WALL WITH THREE TUBE STEEL SUPPORTS (3" X 3" X 3/16"). PROVIDE 5/8" THICK PLYWOOD AND GYPSUM BOARD AS INDICATED OVER METAL STUD FRAMING. RUN CONDUITS AND LOCATE JUNCTION BOX FOR POWER, DATA, ETC. INSIDE WALL. SEE DETAILS 3 AND 4 ON THIS SHEET FOR TUBE STEEL POST PLAN AND SECTION, COVER WITH FINISHES INDICATED IN DETAIL AND INTERIOR ELEVATION.
4. QUARTZ COUNTERTOP, 2 CM. OVER 3/4" THICK FIRE TREATED PLYWOOD. PROVIDE 1/8" EASED EDGE AT CORNERS, TYPICAL.
5. PLYWOOD, FIRE TREATED, CONT. 3/4" THICK, 4 LAYERS.
6. PLASTIC LAMINATE PANELS, 3/4" THICK, SEE FINISH SCHEDULE.
7. GYPSUM BOARD, TYPE 'X', 5/8" THICK, TYP.

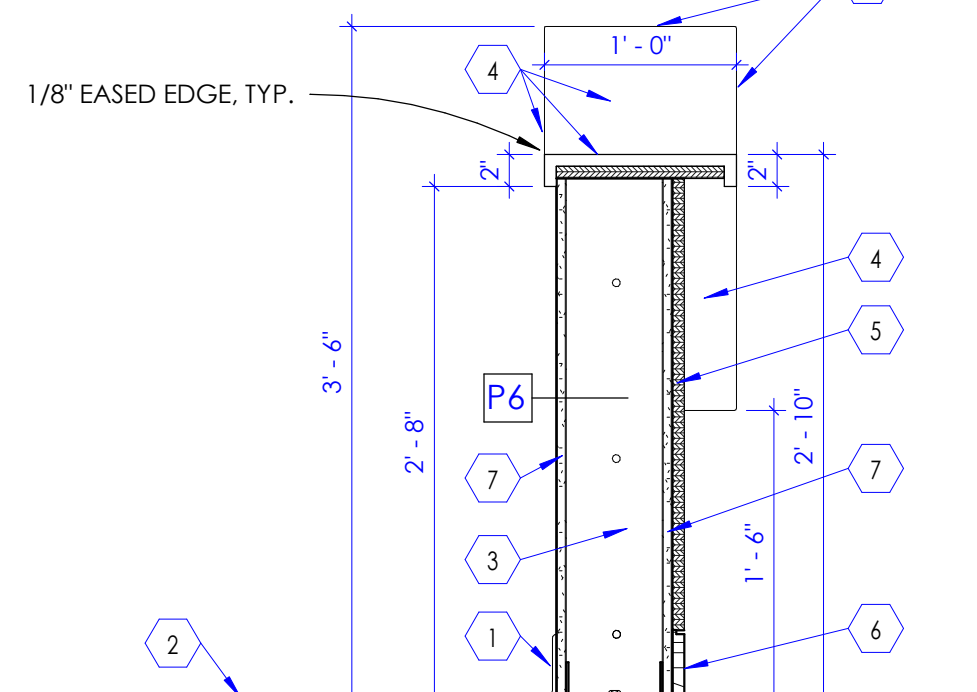


Detail at Reception Desk Transaction Counter

SCALE: 1" = 1'-0"

KEYED NOTES

1. SCHEDULED BASE, SEE FINISH FLOOR PLAN.
2. LINE OF FLOOR.
3. SUPPORT WALL, WALL TYPE P6, METAL STUD FRAMING (6" THICK, 16 GAUGE, METAL STUDS AT 16" O.C.) ANCHORED TO FLOOR SLAB SIMILAR TO WALL WITH THREE TUBE STEEL SUPPORTS (3" X 3" X 3/16"). PROVIDE 5/8" THICK PLYWOOD AND GYPSUM BOARD AS INDICATED OVER METAL STUD FRAMING. RUN CONDUITS AND LOCATE JUNCTION BOX FOR POWER, DATA, ETC. INSIDE WALL. SEE DETAILS 3 AND 4 ON THIS SHEET FOR TUBE STEEL POST PLAN AND SECTION, COVER WITH FINISHES INDICATED IN DETAIL AND INTERIOR ELEVATION.
4. QUARTZ COUNTERTOP, 2 CM. OVER 3/4" THICK FIRE TREATED PLYWOOD. PROVIDE 1/8" EASED EDGE AT CORNERS, TYPICAL.
5. PLASTIC LAMINATE PANELS, 3/4" THICK, SEE FINISH SCHEDULE.
6. SOLID WOOD STOCK BASE, STAIN TO MATCH PLAM PANEL ABOVE.
7. GYPSUM BOARD, TYPE 'X', 5/8" THICK, TYP.

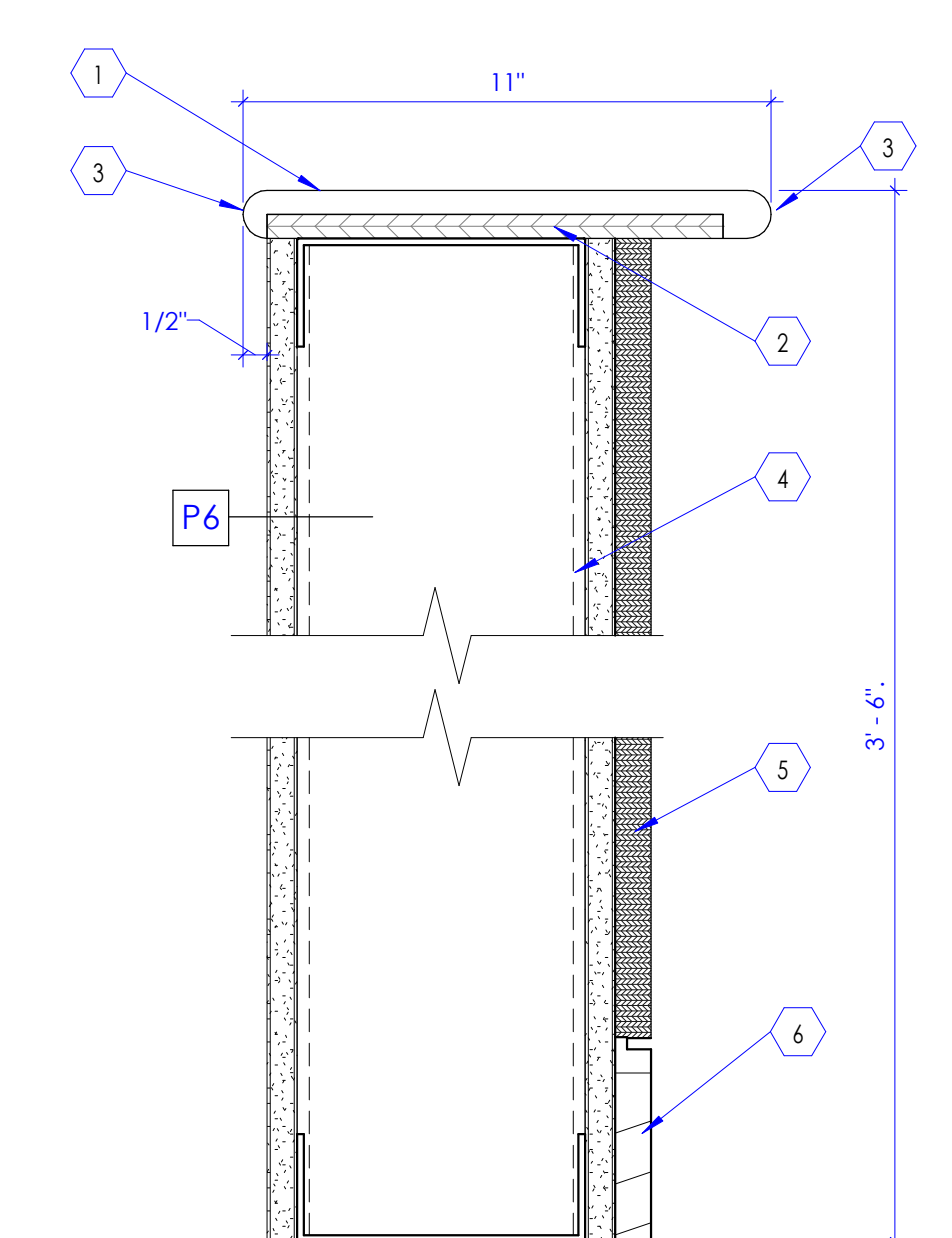


Detail at Reception Desk

SCALE: 1" = 1'-0"

KEYED NOTES

1. SOLID SURFACE TRANSACTION TOP WITH FULL BULLNOSE EDGE. SEE FINISH SCHEDULE.
2. 3/4" THICK, CONTINUOUS FIRE TREATED PLYWOOD, PAINT BLACK.
3. PROVIDE FULL BULL NOSE EDGE.
4. PARTIAL HEIGHT WALL (P6) METAL STUD FRAMING (6" THICK, 16 GAUGE, METAL STUDS AT 16" O.C.) ANCHORED TO FLOOR SLAB SIMILAR TO WALL WITH THREE TUBE STEEL SUPPORTS (3" X 3" X 3/16"). PROVIDE 5/8" THICK PLYWOOD AND GYPSUM BOARD AS INDICATED OVER METAL STUD FRAMING. RUN CONDUITS AND LOCATE JUNCTION BOX FOR POWER, DATA, ETC. INSIDE WALL. SEE DETAILS 3 AND 4 ON THIS SHEET FOR TUBE STEEL POST PLAN AND SECTION, COVER WITH FINISHES INDICATED IN DETAIL AND INTERIOR ELEVATION.
5. PLASTIC LAMINATE PANELS, 3/4" THICK, SEE FINISH SCHEDULE.
6. SOLID WOOD STOCK BASE, STAIN TO MATCH PLAM PANEL ABOVE.
7. GYPSUM BOARD, TYPE 'X', 5/8" THICK, TYP.

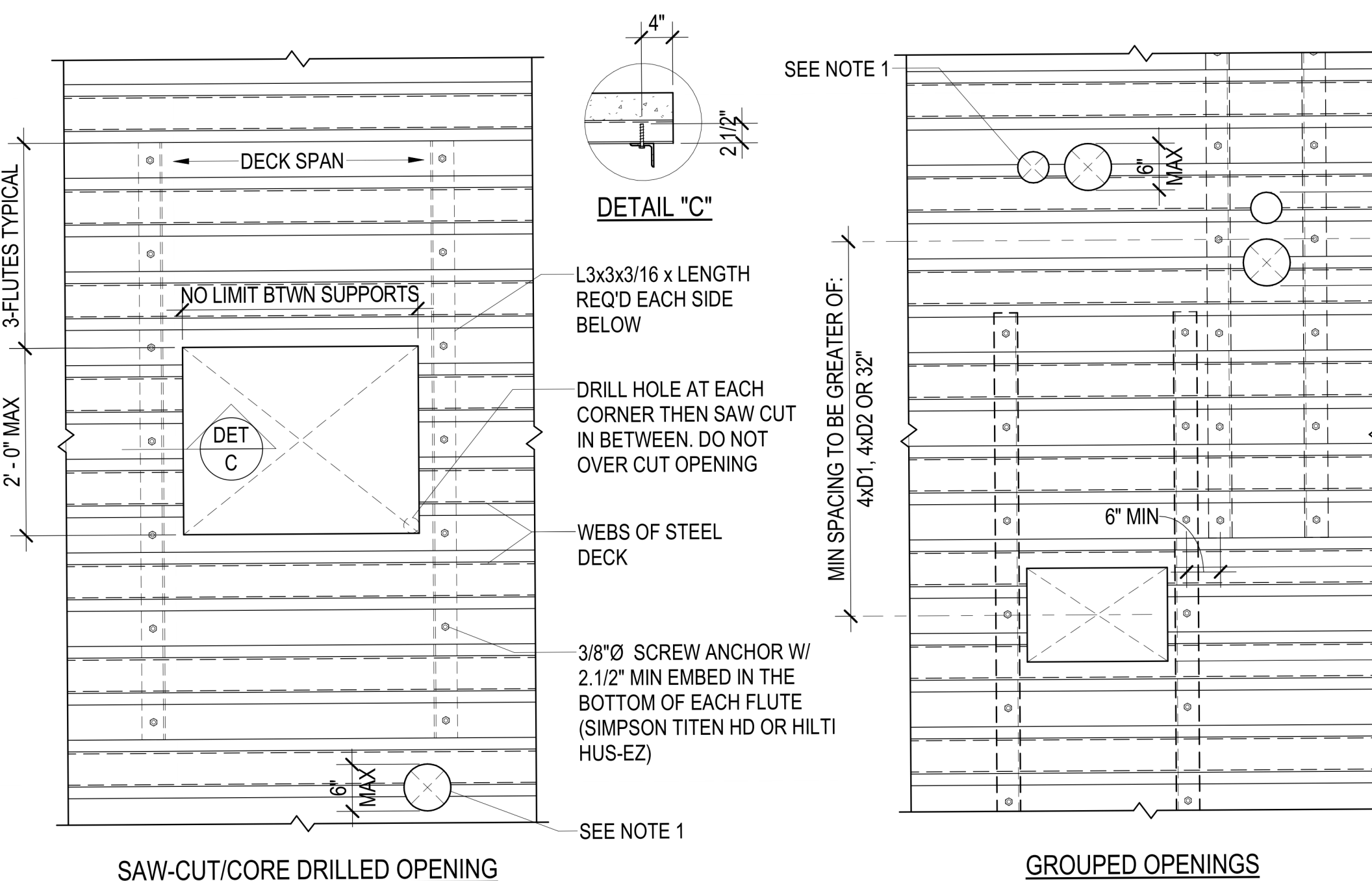


Solid Surface Transaction Counter Detail

SCALE: 3" = 1'-0"

KEYED NOTES

1. UNREINFORCED OPENINGS; OPENINGS UP TO 4' Ø DO NOT REQUIRE REINFORCING PROVIDED THEY ARE NOT SPACED LESS THAN 32" O.C. PERPENDICULAR TO THE DECK SPAN.

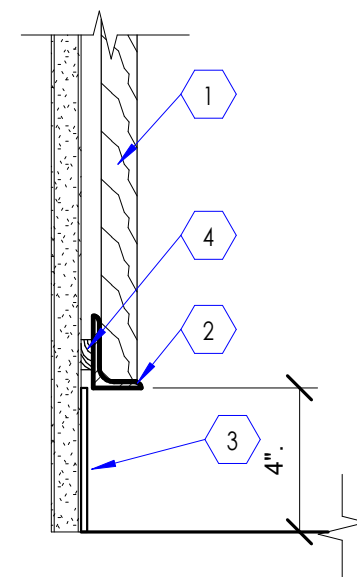


Typical Miscellaneous Floor Opening Reinforcing Detail for Composite Steel Deck

SCALE: 3" = 1'-0"

KEYED NOTES

1. 3/4" THICK PLASTIC LAMINATE FACED PANEL SYSTEM.
2. L-ANGLE, 1 1/2" X 3/4" X 1/8" X CONTINUOUS EXTRUDED ALUMINUM CORNER GUARD.
3. BASE AS SCHEDULED.
4. CONT. SOLID WOOD TRIM- PAINTED BLACK

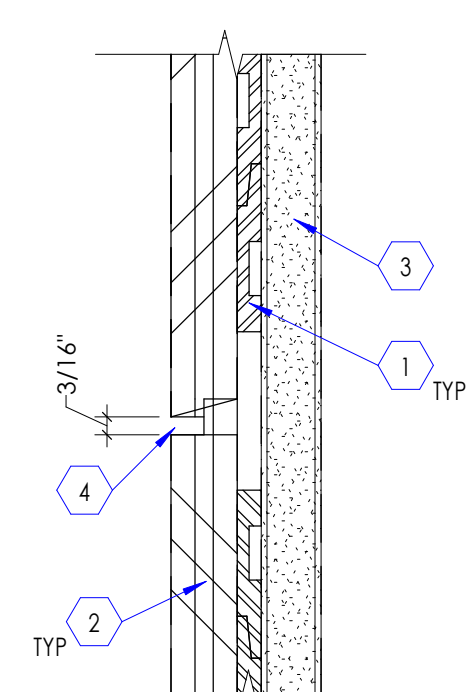


Wood Panel Detail

SCALE: 3" = 1'-0"

KEYED NOTES

1. ALUMINUM PANEL CLIP SYSTEM, 1/4" THICK, BASIS OF DESIGN: BROOKLYN HARDWARE PANEL CLIP SYSTEM.
2. PLASTIC LAMINATE FACED PANEL SYSTEM, 3/4" THICK.
3. GYPSUM BOARD, 5/8" THICK, TYPE 'X', TYP.
4. REVEAL, 3/16" TYP.

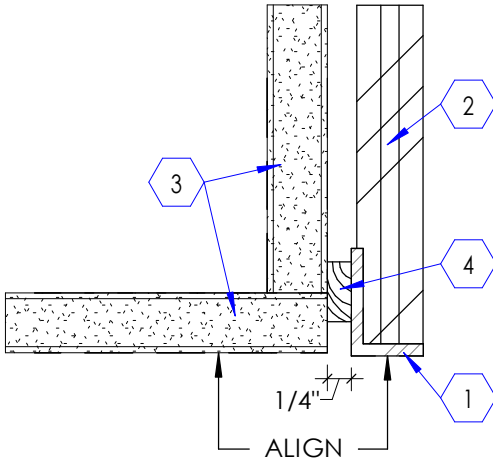


Wood Panel Joint - Horizontal (Vertical Similar)

SCALE: 6" = 1'-0"

KEYED NOTES

1. L-ANGLE, 1 1/2" X 3/4" X 1/8" X CONTINUOUS EXTRUDED ALUMINUM CORNER GUARD.
2. 3/4" THICK PLASTIC LAMINATE FACED PANEL SYSTEM.
3. GYPSUM BOARD, 5/8" THICK, TYPE 'X', TYP.
4. CONT. SOLID WOOD TRIM- PAINTED BLACK

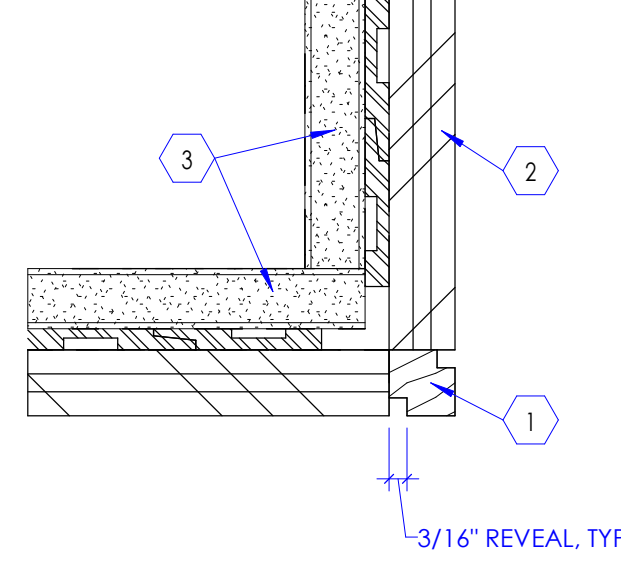


Wood Pnl. Terminating Outside Corner

SCALE: 6" = 1'-0"

KEYED NOTES

1. SOLID WOOD CORNER, STAIN TO MATCH PLAM.
2. 3/4" THICK PLASTIC LAMINATE FACED PANEL SYSTEM.
3. GYPSUM BOARD, 5/8" THICK, TYPE 'X', TYP.

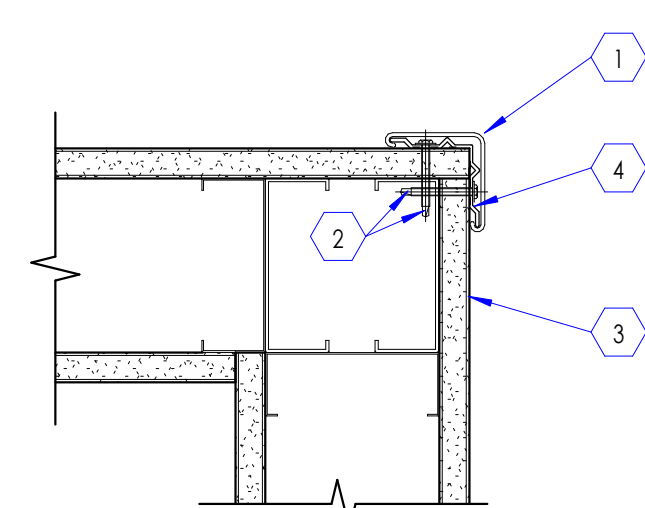


Wood Pnl. Outside Corner

SCALE: 6" = 1'-0"

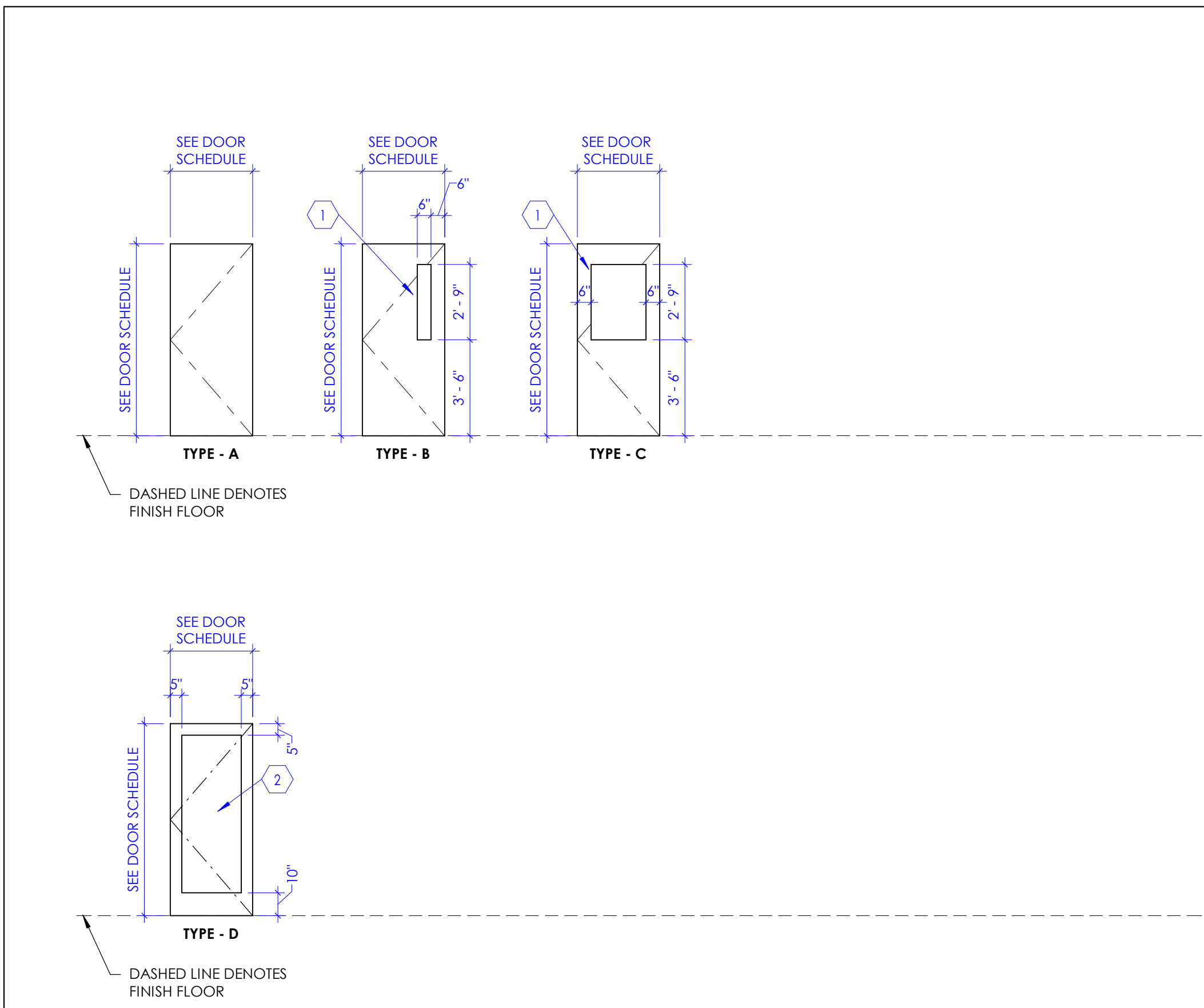
KEYED NOTES

1. HIGH IMPACT CORNER GUARD WITH ALUMINUM RETAINER. 2" X 2" X 4'-0" SURFACE MOUNTED CORNER GUARD.
2. SELF-TAPPING SCREWS.
3. GYPSUM WALL BOARD AS OCCURS. SEE WALL TYPES.
4. CONTINUOUS ALUMINUM RETAINER.



Corner Guard Detail

SCALE: 3" = 1'-0"



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

NOTE: REFER TO "DOOR SCHEDULE" TABLE FOR DOOR TYPES REQUIRED FOR THIS PROJECT. SOME DOOR TYPE ELEVATIONS INDICATED ABOVE, MAY NOT BE APPLICABLE TO THIS PROJECT.

KEYED NOTES

- VISION PANEL, GLAZING IN VISION PANEL SHALL BE 1/4" THICK, CLEAR, TEMPERED, GLAZING, FOR WOOD DOOR, PROVIDE WOOD TRIM FRAME FLUSH WITH THE FACE OF THE DOOR, AROUND THE VISION PANEL OPENING. STAIN AND SPECIES OF WOOD TRIM SHALL MATCH WOOD DOOR. FOR HOLLOW METAL DOOR, PROVIDE METAL TRIM AROUND VISION PANEL. GLAZING SHALL BE FIRE RATED IF DOORS ARE REQUIRED TO BE FIRE RATED.
- FOR EXTERIOR DOORS OF THIS TYPE, GLAZING SHALL BE TINTED, INSULATED, TEMPERED, LOW E, AND 1" THICK. FOR INTERIOR DOORS OF THIS TYPE, GLAZING SHALL BE CLEAR, TEMPERED AND 1/4" THICK.
- STAINLESS STEEL WELDED WIRE MESH (15 GAUGE) ATTACHED TO DOOR, PROVIDE FRAME AROUND THE OPENING IN DOOR TO SECURE THE MESH IN PLACE.
- METAL LOUVER IN DOOR FOR VENTILATION.

DOOR SCHEDULE																	
DOOR #	# OF PANELS	DOOR						FRAME			DETAILS			DOOR #	FIRE RATING (MINUTES)	HARDWARE GROUP	COMMENTS
		WIDTH		SIZE				TYPE (2/A601A)	DEPTH	MATERIAL	JAMB	HEAD	THRESHOLD				
		W1	W2	HEIGHT	THICKNESS	MATERIAL	TYPE (1/A601A)										
A101	1	3' - 10 1/2"		7' - 0"	1 3/4"	WD	A	8	PER MFR.	AL	2/A504A	4/A504A		A101		08	1
A102	1	3' - 10 1/2"		7' - 0"	1 3/4"	WD	A	8	PER MFR.	AL	2/A504A	4/A504A		A102		08	1
A103	1	3' - 10 1/2"		7' - 0"	1 3/4"	WD	A	8	PER MFR.	AL	2/A504A	4/A504A		A103		08	1
A104	1	3' - 10 1/2"		7' - 0"	1 3/4"	WD	A	8	PER MFR.	AL	2/A504A	4/A504A		A104		08	1
A105	1	3' - 10 1/2"		7' - 0"	1 3/4"	WD	A	8	PER MFR.	AL	2/A504A	4/A504A		A105		08	1
A106	1	3' - 10 1/2"		7' - 0"	1 3/4"	WD	A	8	PER MFR.	AL	2/A504A	4/A504A		A106		08	1
A107	1	3' - 0"		7' - 0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	1/A504A	4/A603A	A107		01	
A110	1	3' - 0"		7' - 0"	1 3/4"	WD	B	1	5 7/8"	HM	1/A504A	1/A504A	4/A603A	A110		01	
A112	1	3' - 10 1/2"		7' - 0"	1 3/4"	WD	A	8	PER MFR.	AL	2/A504A	4/A504A		A112		08	1
A113	1	3' - 10 1/2"		7' - 0"	1 3/4"	WD	A	8	PER MFR.	AL	2/A504A	4/A504A		A113		08	1
A114	1	3' - 0"		7' - 0"	1 3/4"	WD	A	1	8 1/4"	HM	1/A504A	1/A504A	1/A603A	A114		02	
A115	1	3' - 6"		7' - 0"	1 3/4"	WD	B	1	5 7/8"	HM	1/A504A	1/A504A	4/A603A	A115		06	3
A116	1	3' - 0"		7' - 0"	1 3/4"	WD	B	1	5 7/8"	HM	1/A504A	1/A504A	4/A603A	A116		03	2
A117	1	3' - 0"		7' - 0"	1 3/4"	WD	C	1	5 7/8"	HM	1/A504A	1/A504A		A117		07	2
A119	1	3' - 0"		7' - 0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	1/A504A		A119		07	2
A121	1	3' - 6"		7' - 0"	PER MFR.	AL	D	2/A253	PER MFR.	AL	5/A504A	5/A504A	4/A603A	A121		06	3
A122	1	3' - 0"		7' - 0"	PER MFR.	AL	D	15/A251	PER MFR.	AL	5/A504A	5/A504A	4/A603A	A122		01	
A123	1	3' - 0"		7' - 0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	1/A504A		A123		07	2
A124	1	3' - 0"		7' - 0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	1/A504A	1/A603A	A124		02	
A126	1	3' - 0"		7' - 0"	1 3/4"	WD	A	1	(EXIST.) F.V.	HM	1/A504A	1/A504A		A126		03	2
A127	1	3' - 0"		7' - 0"	PER MFR.	AL	D	15/A251	PER MFR.	AL	5/A504A	5/A504A	4/A603A	A127		01	
A128	1	3' - 6"		7' - 0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	1/A504A		A128		04	
A129	1	3' - 0"		7' - 0"	PER MFR.	AL	D	15/A251	PER MFR.	AL	5/A504A	5/A504A	4/A603A	A129		01	
A131	1	3' - 0"		7' - 0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	1/A504A	2/A603A	A131		03	2
A132	1	3' - 0"		7' - 0"	PER MFR.	AL	D	15/A251	PER MFR.	AL	5/A504A	5/A504A	4/A603A	A132		01	
A133	1	3' - 0"		7' - 0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	1/A504A	1/A603A	A133		02	
A137	1	3' - 0"		7' - 0"	1 3/4"	WD	B	1	7 1/8"	HM	1/A504A	1/A504A		A137		05	

COMMENTS

- SLIDING BARN DOOR, CLEAR OPENING TO BE 3'-6". WALL THICKNESS: 4 7/8"
- CARD ACCESS
- CARD ACCESS WITH AUTO OPER

FINISH SCHEDULE

TAG	FINISH TYPE	SIZE	MATERIAL DESCRIPTION	MANUFACTURER	STYLE	MODEL #	COLOR	COMMENTS
F1	FLOOR FINISH	18" X 36"	CARPET TILE	SHAW CONTRACT	STIPPLE TILE	ST116 - 13585	SLATE	1
F2	FLOOR FINISH	12" X 12"	PORCELAIN TILE	CROSSVILLE	NOTORIOUS	NTR06	FILM NOIR	2, 3
F3	FLOOR FINISH	18" X 18"	LUXURY VINYL TILE	MANNINGTON COMMERCIAL	DIVERGENT, STRAND	13513	SANDPIPER	7
F4	FLOOR FINISH		SHEET VINYL	MANNINGTON COMMERCIAL	BIOSPEC MD	15369	BEDROCK	-
F5	FLOOR FINISH		LIQUID APPLIED FLOOR COATING	SHERWIN WILLIAMS	ARMOSEAL TREAD-PLEX, WATER BASED ACRYLIC FLOOR COATING 6401-72656	B90A00101-20	HAZE GRAY	-
B1	WALL BASE	4" HIGH	RUBBER BASE	MANNINGTON COMMERCIAL	BURKEBASE TYPE TP	527	CLAY	-
B2	WALL BASE	6" HIGH	PORCELAIN TILE	CROSSVILLE	NOTORIOUS	NTR06	FILM NOIR	3
B3	WALL BASE	6" HIGH	COVED SHEET VINYL	MANNINGTON COMMERCIAL	BIOSPEC MD	15369	BEDROCK	5
W1	WALL FINISH		PAINT	SHERWIN WILLIAMS	EGGSHELL FINISH	SW 7005	PURE WHITE	-
W2	WALL FINISH	12" X 24"	PORCELAIN TILE	CROSSVILLE	NOTORIOUS	NTR01	FEMME FATALE	2, 4
W3	WALL FINISH		PAINT - ACCENT	SHERWIN WILLIAMS	EGGSHELL FINISH	SW 0023	PEWTER TANKARD	-
W4	WALL FINISH		PAINT - ACCENT	SHERWIN WILLIAMS	EGGSHELL FINISH	SW 6201	THUNDEROUS	-
W5	WALL FINISH		PAINT - IH PURPLE/BLUE	SHERWIN WILLIAMS	PROMAR 200 HP EGG SHELL ULTRA DEEP BASE	-	CUSTOM PURPLE/BLUE	12
W6	WALL FINISH		PAINTED PLYWOOD	SHERWIN WILLIAMS	EPOXY	SW 7005	PURE WHITE	6
MS1	MISC. SURFACE FINISH		PAINTED HOLLOW METAL DOOR FRAME	SHERWIN WILLIAMS	SEMI-GLOSS FINISH	SW 7005	PURE WHITE	8
PL1	PLASTIC LAMINATE FINISH		PLASTIC LAMINATE SHEET OVER SUBSTRATE	WILSONART	LINEARITY FINISH	7970K-18	HIGH LINE	-
PL2	PLASTIC LAMINATE FINISH		PLASTIC LAMINATE SHEET OVER SUBSTRATE	WILSONART	SOFT GRAIN FINISH WITH AEON	7965K-12	WALNUT HEIGHTS	11
MM1	MONOLITHIC MATERIAL		QUARTZ	CAESARSTONE	-	4003	SLEEK CONCRETE	-
MM2	MONOLITHIC MATERIAL		SOLID SURFACE	CORIAN SOLID SURFACE	-	-	NEUTRAL CONCRETE	-
MM3	MONOLITHIC MATERIAL		SOLID SURFACE INTEGRAL SINK	CORIAN SOLID SURFACE	LAVATORY	810L	GLACIER WHITE	-
WP1	WALL PROTECTION	0.060" THICKNESS	WAINSCOT PANEL	CONSTRUCTION SPECIALTIES	ACROVYN	933	MISSION WHITE	9
WP2	WALL PROTECTION	2" LEGS	CORNER GUARDS	CONSTRUCTION SPECIALTIES	ACROVYN	933	MISSION WHITE	10
WS1	WINDOW SILL		SOLID SURFACE WINDOW SILL	CORIAN SOLID SURFACE	-	-	WHITE JASMINE	-
T1	THRESHOLD		SOLID SURFACE THRESHOLD	CORIAN SOLID SURFACE	-	-	LAVA ROCK	-

COMMENTS

1. CARPET TILE TO BE INSTALLED IN AN ASHLAR JOINT PATTERN.

2. TILE TO BE INSTALLED IN A SQUARE JOINT PATTERN.

3. GROUT TO BE MAPEI #47 CHARCOAL OR SIMILAR. FLOOR TILE GROUT TO BE EPOXY TYPE.

4. GROUT TO BE MAPEI #93 WARM GRAY OR SIMILAR.

5. TOP EDGE OF COVED BASE TO BE FINISHED WITH AN EXTRUDED ALUMINUM TRIM CAP.

6. FRT PLYWOOD TO BE PAINTED USING EPOXY PAINT.

7. LVT TO BE INSTALLED IN AN OFFSET JOINT PATTERN. LVT TO BE ORDERED WITHOUT A MICRO-BEVELED EDGE.

8. ALL HOLLOW METAL DOOR FRAMES IN THIS PROJECT TO BE PAINTED WITH "MS1" FINISH UNLESS OTHERWISE NOTED.

9. TOP OF WALL PROTECTION WAINSCOTING TO ALIGN WITH TOP OF CORNER GUARDS WHERE OCCURS. COORDINATE LOCATION OF OUTLETS AND SWITCHES WITH WAINSCOTING.

10. TOP OF CORNER GUARDS TO ALIGN WITH TOP OF WALL PROTECTION WAINSCOTING WHERE OCCURS. SEE DETAIL 13/A506A

11. TYPICAL LAMINATE FOR P-LAM FACED WOOD DOORS.

12. CUSTOM SHERWIN WILLIAMS COLOR PER CHART BELOW.

CCE COLOR CAST	02	32	64	128
L1 BLUE	4	33	-	-
R3 MAGENTA	6	12	1	1

CUSTOM MANUAL MATCH PURPLE BLUE

- GENERAL NOTES
- A. BASIS-OF-DESIGN FOR FINISHES: FINISHES INDICATED ON THE FINISH SCHEDULE ARE BASED ON THE NAMED MANUFACTURER AND THEIR PRODUCTS. SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE THE NAMED PRODUCT OR A COMPARABLE PRODUCT BY ONE OF THE APPROVED MANUFACTURERS LISTED IN THE PROJECT MANUAL. SEE RELEVANT SPECIFICATION SECTION.

B. SEE "SAMPLE LAYOUTS" INDICATED ON FINISH PLANS FOR CLARIFICATION ON HOW DIFFERENT TYPES OF REQUIRED FINISHES ARE INDICATED WITH FINISH TAGS FOR FLOORS, WALLS, MISCELLANEOUS SURFACE, ETC. SEE FINISH FLOOR PLANS FOR REQUIRED FINISHES (INDICATED WITH FINISH TAGS SUCH AS F1, B1, W1, ETC.).

C. LINE OF TRANSITION BETWEEN DIFFERENT TYPES OF FLOOR COVERING IS INDICATED ON THE FINISH FLOOR PLANS. IN PLACES WHERE TWO DIFFERENT FLOOR COVERINGS ABUT EACH OTHER, CONTRACTOR SHALL FOLLOW THE RELEVANT APPLICABLE "FLOOR COVERING TRANSITION DETAILS" INDICATED IN THIS CONSTRUCTION DOCUMENTS, WHERE TWO ROOMS ARE REQUIRED TO HAVE DIFFERENT FLOOR COVERINGS, LINE OF TRANSITION SHALL TYPICALLY OCCUR BELOW THE CENTER OF THE DOOR (LOCATED BETWEEN THE TWO ROOMS), AS THESE TRANSITION LINES ARE NOT INDICATED BELOW THE DOOR ON THE FINISH FLOOR PLANS, CONTRACTOR SHALL PROVIDE METAL TRANSITION STRIP (MANUFACTURED BY SCHLUTER OR EQUIVALENT) AS REQUIRED. AT EXTERIOR DOORS, PROVIDE ALUMINUM THRESHOLD MATCHING THE DOORWAY. FOR REMODEL PROJECTS, COORDINATE WITH DEMOLITION FLOOR PLAN AND NEW FLOOR PLAN TO DETERMINE WHERE NEW ABUTS EXISTING FLOOR COVERING THAT IS SCHEDULED TO REMAIN.

D. LINE OF TRANSITION BETWEEN DIFFERENT TYPES OF WALL FINISH IS INDICATED ON THE INTERIOR ELEVATIONS AND FINISH FLOOR PLANS. FOR REQUIRED WALL PROTECTION TYPE (INDICATED WITH TAG WP1, WP2, ETC.), ON WALLS, COORDINATE WITH FINISH FLOOR PLANS AND INTERIOR ELEVATIONS.

E. THERE ARE MISCELLANEOUS SURFACES THAT ARE EXPOSED AND WILL REQUIRE A FINISH. SUCH MISCELLANEOUS SURFACES ARE INDICATED IN THE DRAWINGS WITH FINISH TAGS SUCH AS MS1, MS2, ETC.

F. PAINT ALL EXPOSED VISIBLE ITEMS SUCH AS METAL DECK, STEEL ANGLES, STEEL BEAMS, STEEL TRUSSES, MISC. STEEL ITEMS, PIPES, CONDUITS, ETC. UNLESS SPECIFICALLY NOTED AS A SURFACE NOT TO BE PAINTED. OR IF NATURAL FINISH IS REQUIRED, PAINT SURFACES USING FIELD COLORS AND ACCENT COLORS SPECIFIED BY THE ARCHITECT. DO NOT PAINT CONCEALED SURFACES, FINISHED METAL SURFACES, OPERATING PARTS, AND PRE-FINISHED ITEMS. VERIFY PAINTING SURFACE (SUCH AS STEEL, CONCRETE, MASONRY, GYPSUM BOARD, WOOD, ETC.) AND USE THE APPROPRIATE PAINT AND METHOD INDICATED IN THE PROJECT MANUAL UNDER RELEVANT SPECIFICATION SECTION. ALL HOLLOW METAL DOOR AND WINDOW FRAMES SHALL BE PAINTED. USE SEMI-GLOSS FINISH ON DOOR FRAMES.

G. IN ROOMS AND AREAS WHERE GYPSUM BOARD CEILING IS INDICATED, PAINT CEILING WITH THE SAME COLOR AND TYPE AS ADJACENT WALLS. IN WET ROOMS (LIKE RESTROOM, KITCHEN, ETC.) WHERE EPOXY PAINT IS INDICATED AS A REQUIREMENT ON WALLS, PAINT CEILINGS AND SOFFITS WITH EPOXY TYPE PAINT. ALL GYPSUM BOARD SOFFITS SHALL BE PAINTED. COORDINATE ACCENT COLOR LOCATIONS WITH ARCHITECT WHEREVER INDICATED.

H. SEE INTERIOR ELEVATIONS FOR PLASTIC LAMINATE FINISHES OVER CABINETS, COUNTERTOPS, WALLS, ETC. PLASTIC LAMINATE FINISHES ARE INDICATED AS PL1, PL2, ETC. COUNTERTOPS THAT ARE MONOLITHIC MATERIAL (SUCH AS SOLID SURFACE, QUARTZ, ETC. AND NOT PLASTIC LAMINATE WRAPPED), ARE INDICATED AS MM1, MM2, ETC.

I. WHERE PORCELAIN AND/OR CERAMIC TILE FINISHES ARE INDICATED, PROVIDE METAL EDGE STRIPS (MANUFACTURED BY SCHLUTER OR EQUIVALENT) AT ALL OUTSIDE VERTICAL CORNERS AND TOP OF WAINSCOT.

J. IN ROOMS AND AREAS (SUCH AS TOILET ROOMS, SHOWERS, ETC.) WHERE CERAMIC OR PORCELAIN TILES ARE INDICATED FOR WALL AND FLOOR FINISH, INSTALL BOTTOM ROW OF WALL TILE FIRST PER DETAIL 1/A603B. PROVIDE QUARTZ THRESHOLD AT DOORS TO TOILET ROOMS THAT ARE USED BY MULTIPLE USERS. SEE DETAILS 3 & 4 SHEET A603B.

K. WHERE GYPSUM BOARD WALL ABUTS MASONRY WALL, PROVIDE REVEAL AS PER DETAIL 2/A603B.

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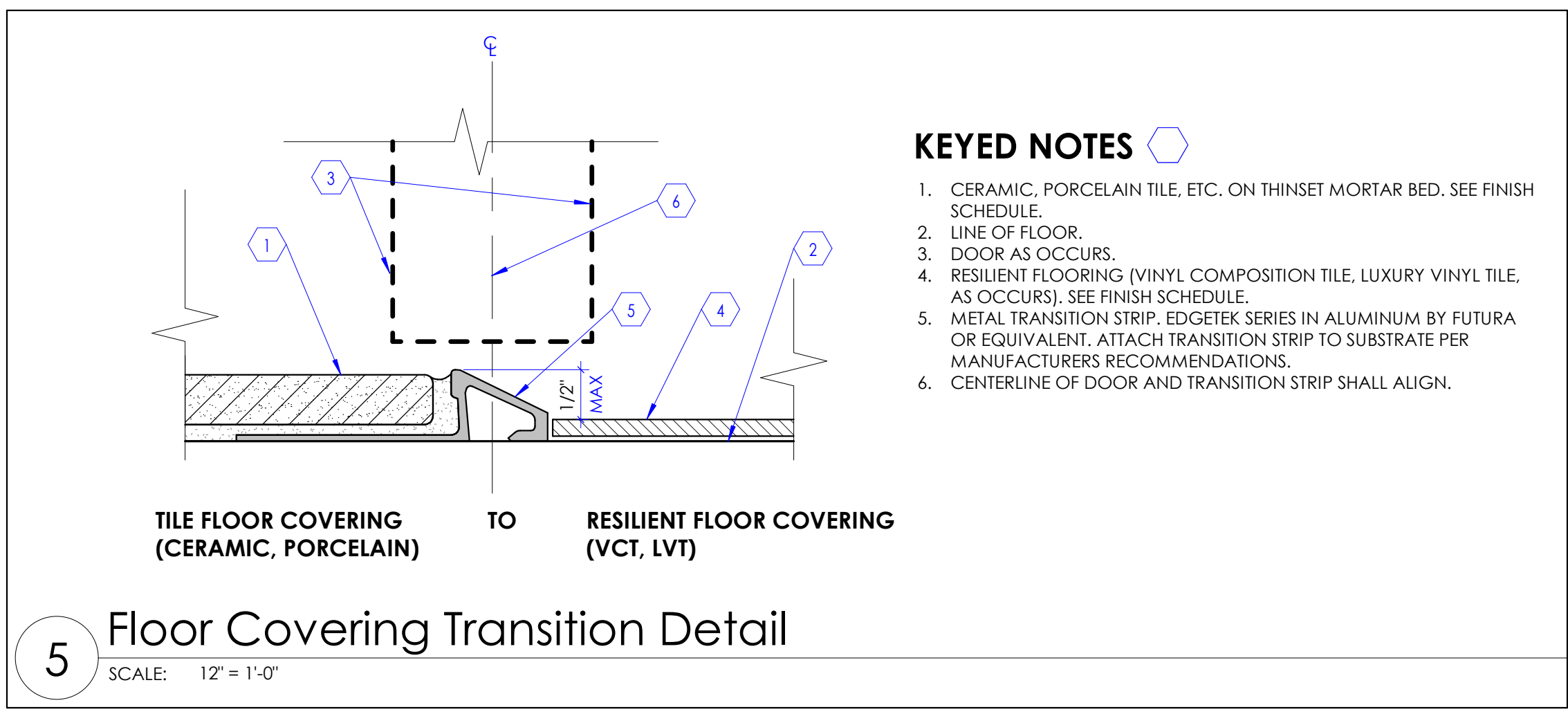
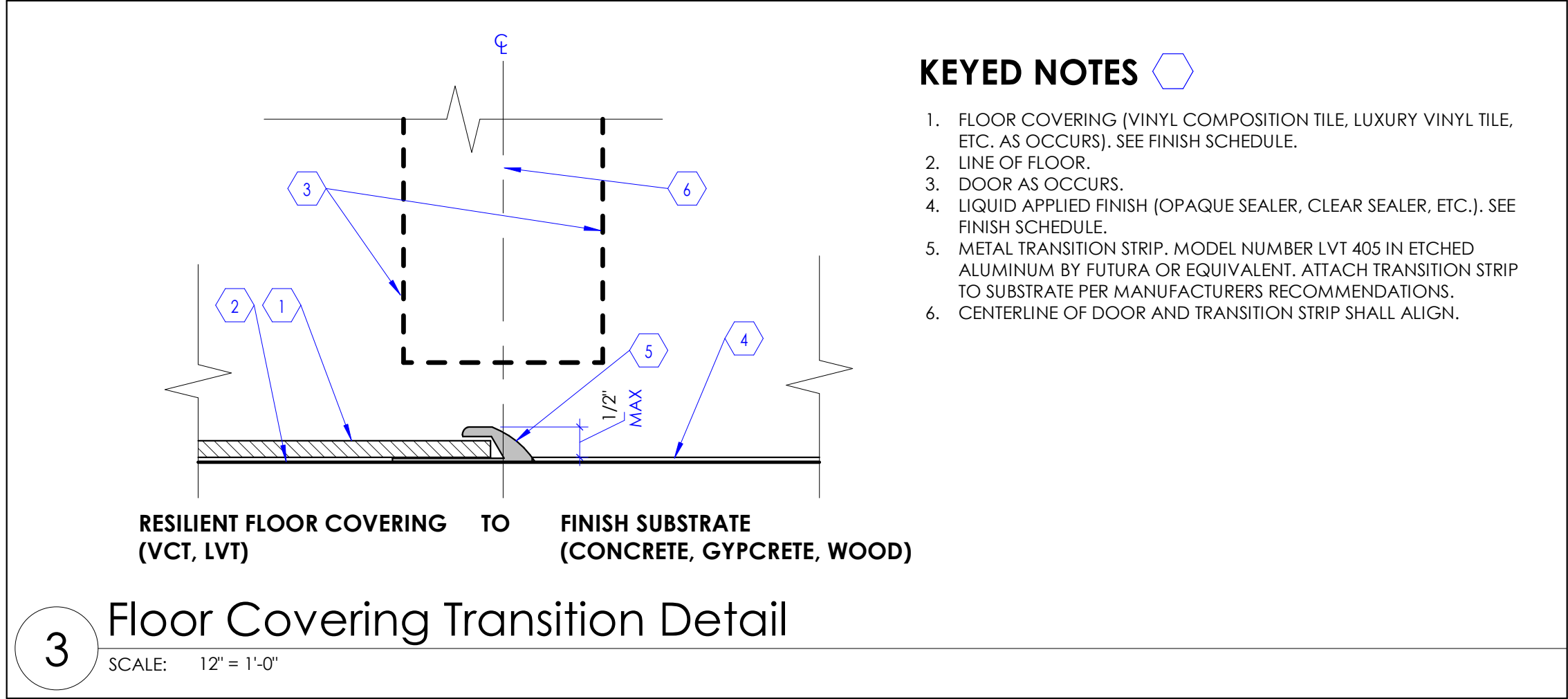
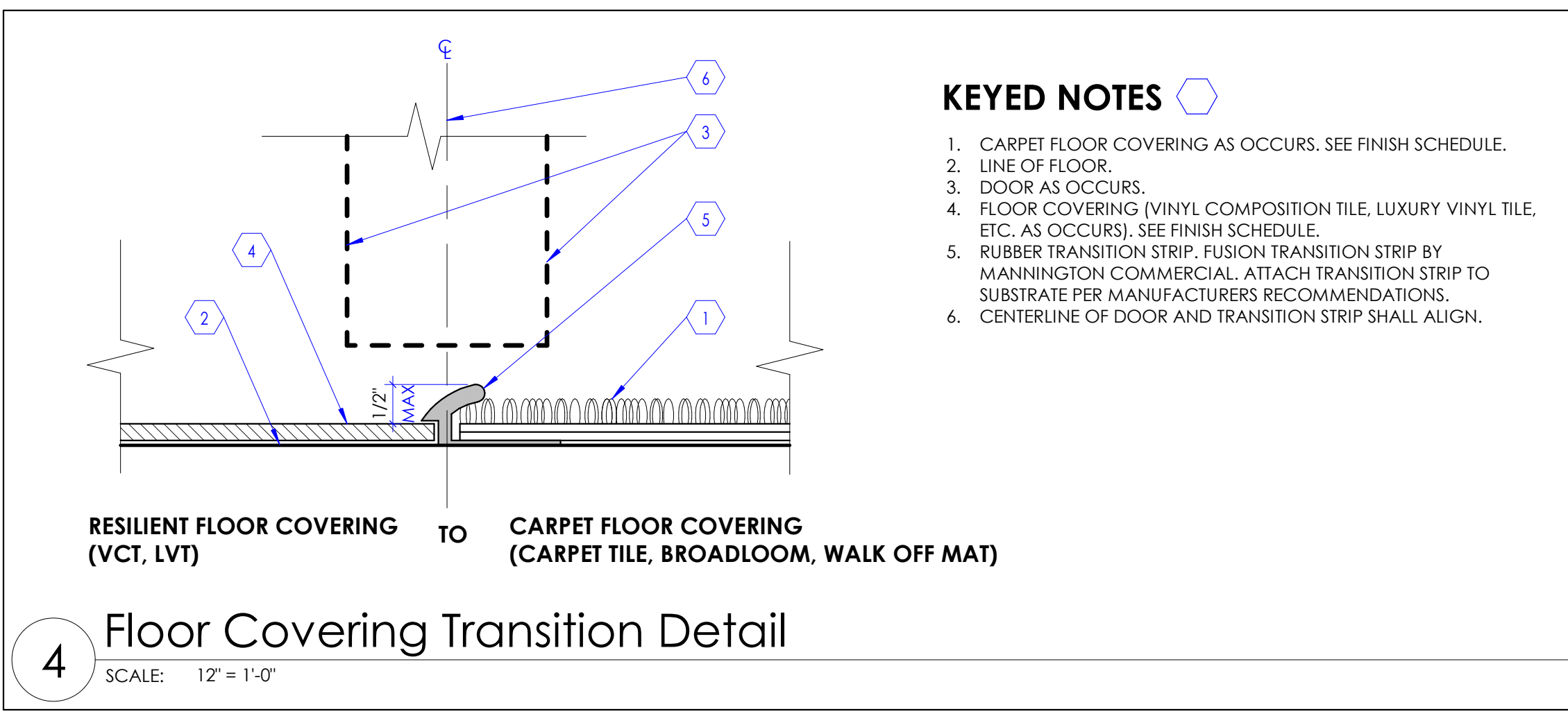
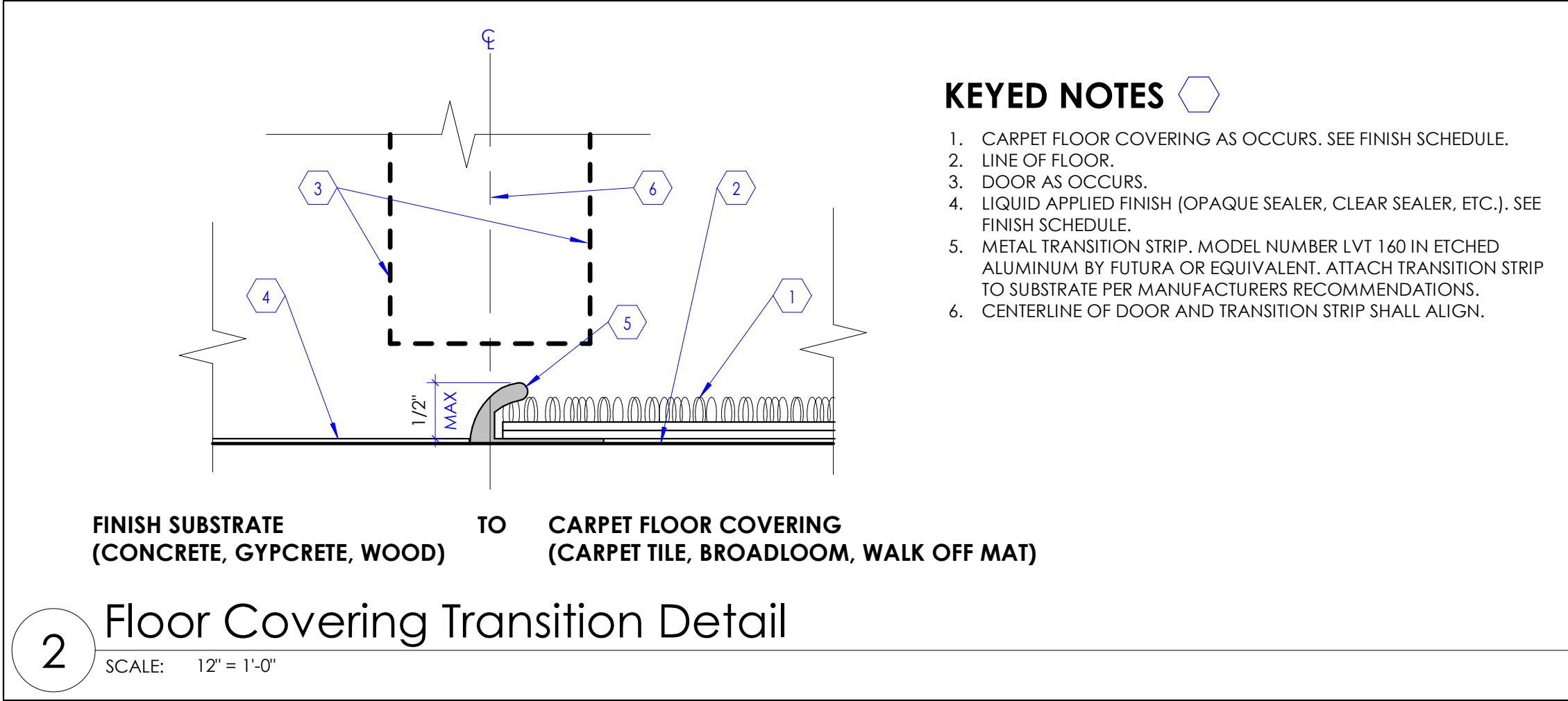
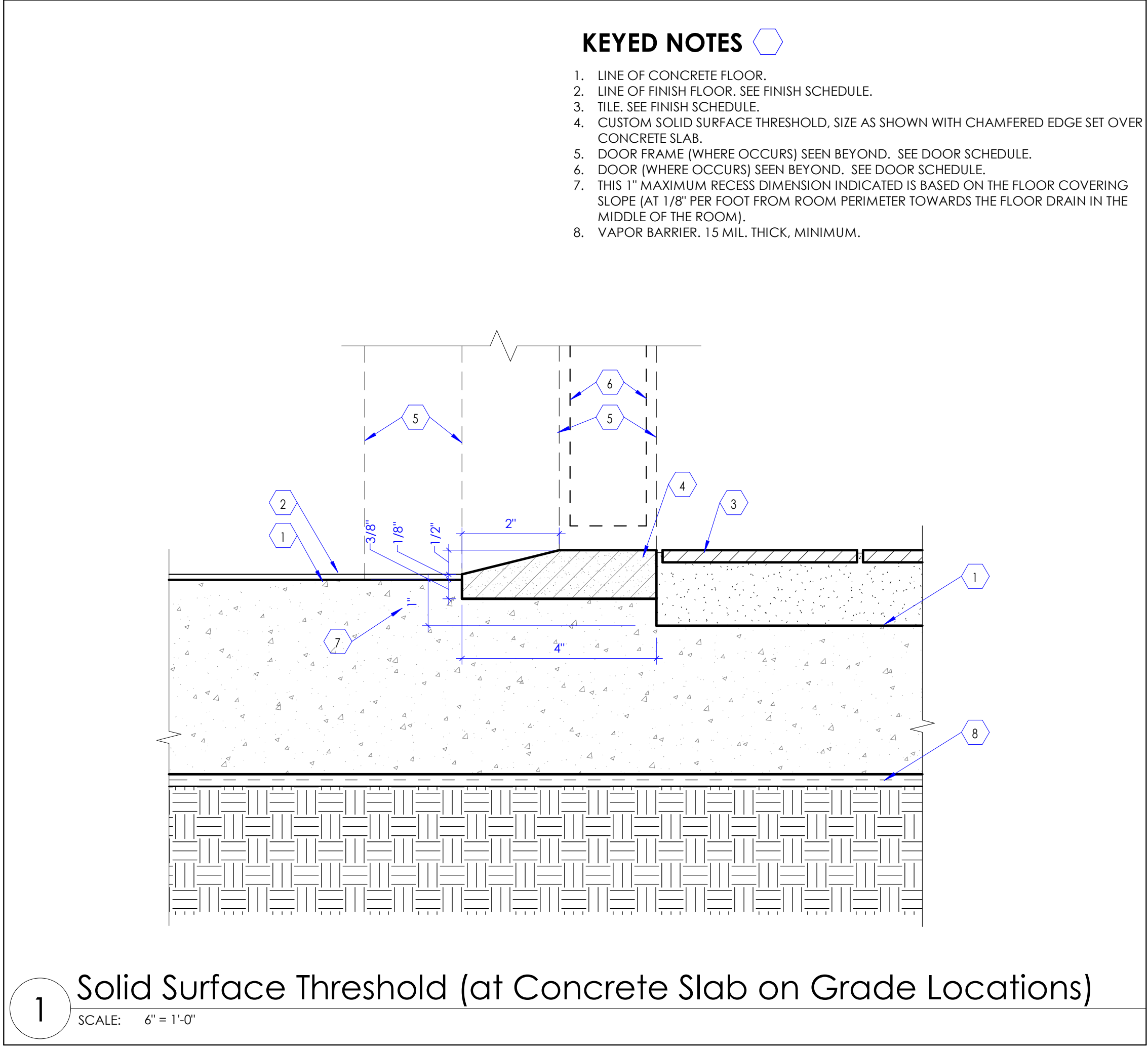
STATE OF UTAH

SELVAM RAJAVELU

267857-0301

10/8/24

LICENSED ARCHITECT



Intermountain Health

Intermountain Kidney Services

Ogden Kidney Clinic

NJRA Project # 23244.00

Construction Documents Oct 8, 2024

Finish

Schedule &

Details

A603A

10/8/2024 11:24:16 AM

FIRE PROTECTION GENERAL NOTES	
1.	NO FIRE PROTECTION LINE SHALL BE DESIGNED OR INSTALLED PRIOR TO CLOSE COORDINATION WITH ALL OTHER DISCIPLINES. DUCTWORK, MECHANICAL PIPING AND PLUMBING TAKE SPACE PRECEDENCE OVER FIRE PROTECTION REMOVAL AND REINSTALLATION AT THE FIRE PROTECTION CONTRACTORS EXPENSE.
2.	ALL WORK DONE SHALL BE PERFORMED WITH WATER CONTROL IN MIND. CONTAINMENT OF WATER IS NECESSARY TO PREVENT WATER FROM DAMAGING SURROUNDING AREA.
3.	COORDINATE EXACT LOCATION OF PIPING WITH STRUCTURAL MEMBERS, LIGHTS, REFLECTED CEILING PLANS, CABLE TRAY, ELECTRICAL CONDUITS, DUCTWORK, MECHANICAL AND PLUMBING PIPING, AND ALL OTHER TRADES AND ALL EXISTING CONDITIONS.
4.	FIRE SUPPRESSION CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE AND/OR REROUTE ANY AND ALL FIRE PROTECTION PIPING, VALVING, SUPPORTS OR SYSTEMS, OTHERWISE WITHIN THE FIRE SUPPRESSION DISCIPLINE REGARDLESS OF WHO INSTALLED THEM OR WHEN THEY WERE INSTALLED, IN ORDER TO ACCOMMODATE MECHANICAL, PLUMBING, ELECTRICAL OR OTHER SYSTEMS. COORDINATE WORK WITH MECHANICAL, ELECTRICAL, PLUMBING OR OTHER CONTRACTORS UNTIL SUBSTANTIAL COMPLETION OF PROJECT.
5.	PROVIDE ALTERATIONS TO THE EXISTING FIRE PROTECTION SYSTEM AS REQUIRED TO ACCOMMODATE THE NEW FLOOR PLAN AND NEW CEILING TYPES. PROVIDE A COMPLETE WET TYPE SYSTEM INCLUDING NEW MAINS, BRANCHES, HEADS, VALVES, AND ACCESSORIES AS REQUIRED. REUSE EXISTING SYSTEM EQUIPMENT WHERE APPLICABLE. THE SYSTEM SHALL BE INSTALLED ACCORDING TO MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS AND AS PER REQUIREMENTS OF THE STATE BUILDING CODE, LOCAL FIRE DEPARTMENT, AND ALL FEDERAL, STATE, AND LOCAL AUTHORITIES. NFPA, AND FACTORY MUTUAL.
6.	THE BUILDINGS COMPLETE OPERATIONAL FIRE PROTECTION SYSTEMS SHALL REMAIN IN PLACE. THIS CONTRACTOR SHALL REPAIR ANY DAMAGE TO THIS SYSTEM CREATED BY THE REMOVAL OF ANY OTHER MECHANICAL SYSTEMS OR COMPONENTS.
7.	THIS CONTRACTOR SHALL COORDINATE PHASING OF SPRINKLER WORK WITH THE GENERAL CONTRACTOR PRIOR TO STARTING WORK.
8.	PROVIDE A COMPLETE WET TYPE FIRE PROTECTION SYSTEM AS REQUIRED TO ACCOMMODATE THE FLOOR PLAN AND CEILING TYPES INCLUDING MAINS, BRANCHES, HEADS, VALVES, AND ACCESSORIES AS REQUIRED. THE SYSTEM SHALL BE INSTALLED ACCORDING TO MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS OF THE STATE BUILDING CODE, LOCAL FIRE DEPARTMENT, AND ALL FEDERAL, STATE, AND LOCAL AUTHORITIES. NFPA, AND FACTORY MUTUAL.
9.	THE SPRINKLER SYSTEM SHALL BE DESIGNED BASED UPON ACTUAL WATER FLOW TEST DATA OBTAINED AT OR NEAR THE JOB SITE.
10.	REFER TO REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION REGARDING SPRINKLER HEAD LOCATION AND PIPE, UNLESS NOTED OTHERWISE.
11.	DIVISION 21 CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR PROPER INSTALLATION OF THE FIRE PROTECTION SYSTEMS ALARM DEVICES INVOLVED WITH FIRE SPRINKLER SYSTEM.
12.	ALL SPRINKLER SYSTEM PIPING SHALL BE CONCEALED ABOVE THE SUSPENDED CEILING SYSTEM, UNLESS NOTED OTHERWISE. WRITTEN AUTHORIZATION SHALL BE OBTAINED FROM THE ARCHITECT PRIOR TO EXPOSING ANY PIPING IN ANY ROOM WHICH HAS A SUSPENDED CEILING.
13.	THIS CONTRACTOR SHALL PROVIDE ALL ADDITIONAL SPRINKLER HEADS AS REQUIRED TO ENSURE AN APPROVED FIRE PROTECTION SYSTEM AT NO ADDITIONAL COST TO THE OWNER.
14.	AUXILIARY DRAINS SHALL BE EXPOSED WITH 1" DRAIN VALVES. WHEN 5 OR MORE GALLONS ARE TRAPPED, THIS CONTRACTOR SHALL PROVIDE FIXED PIPING TO AN ADEQUATELY SIZED RECEPTOR WHICH IS CAPABLE OF ACCEPTING THE FULL FLOW OF THE DRAIN. WHEN LESS THAN 5 GALLONS ARE TRAPPED, A HOSE BIB SHALL BE PROVIDED AT THE DRAIN VALVE.
15.	AUXILIARY DRAINS SHALL NOT BE LOCATED ABOVE PLASTER OR GYPSUM BOARD CEILING SYSTEMS. ONLY BY A SPECIFIC WRITTEN INSTRUCTION FROM THE ENGINEER WILL A VARIANCE BE PROVIDED.
16.	AN INSPECTORS TEST CONNECTION SHALL BE PROVIDED FOR EACH FIRE SPRINKLER ZONE. THIS CONTRACTOR SHALL PROVIDE FIXED PIPING FROM THE TEST CONNECTION TO AN ADEQUATELY SIZED RECEPTOR WHICH IS CAPABLE OF ACCEPTING THE FULL FLOW OF THE TEST. (EXTERIOR DISCHARGE OF THE TEST CONNECTION SHALL BE PERMITTED ONLY BY SPECIFIC WRITTEN INSTRUCTION FROM THE ENGINEER.)
17.	SHOW ALL ROOM NUMBERS ON SHOP DRAWING PLANS.
18.	ROUTE SPRINKLER PIPING SUCH THAT IT DOES NOT RUN ABOVE ELECTRICAL PANELS, SWITCHGEAR, OR SIMILAR EQUIPMENT. SPRINKLER MAINS SHALL NOT RUN THROUGH ELECTRICAL OR COMMUNICATION ROOMS. SPRINKLER HEADS IN THESE ROOMS SHALL BE SERVED BY A DEDICATED BRANCH LINE FOR EACH ROOM. BRANCH LINE TO ENTER ROOM ABOVE DOOR.
19.	THIS DRAWING INDICATES A GENERAL PIPING ARRANGEMENT AND SUGGESTED SIZING ONLY. THIS CONTRACTOR SHALL DETERMINE THE ACTUAL PIPE SIZING REQUIRED AND COORDINATE WORK WITH ALL OTHER TRADES TO AVOID CONFLICTS.
20.	THIS CONTRACTOR SHALL PREPARE HYDRAULIC CALCULATIONS BASED UPON THE CONFIGURATION OF THE ACTUAL SYSTEM DESIGN AS SHOWN ON THIS CONTRACTORS SHOP DRAWINGS.

PLUMBING GENERAL NOTES	
1.	UNLESS OTHERWISE NOTED, SLOPE PIPE AS REQUIRED BY LOCAL CODES.
2.	ALL WORK DONE SHALL BE PERFORMED WITH WATER CONTROL IN MIND. CONTAINMENT OF WATER IS NECESSARY TO PREVENT WATER FROM DAMAGING AREAS ON FLOORS BELOW.
3.	BRANCH DUCTWORK DRAWINGS ARE SCHEMATIC IN NATURE. FIELD VERIFY EXACT PIPE ROUTING AND COORDINATE WITH ALL OTHER TRADES.
4.	NO PIPING TO RUN OVER ELECTRICAL PANELS, VFD'S OR MCC'S. PROTECT EQUIPMENT WITH A 4" DEEP ZONE IN FRONT OF PANELS, VFD'S, AND MCC'S.
5.	THE MECHANICAL CONTRACTOR SHALL PROVIDE VALVE IDENTIFICATION AND LOCATION ON ALL CEILING TILES WHERE VALVES ARE LOCATED.
6.	PIPING AND ROUTING SHOWN, INCLUDING ALL BELOW FLOOR DECK PIPING IS APPROXIMATE. IT IS UP TO THE CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION AND SIZE OF ALL PIPING.
7.	REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURE MOUNTING HEIGHTS, DIMENSIONS AND OTHER REQUIREMENTS.
8.	CONTRACTOR TO VERIFY CONNECTION SIDE OF ADA FIXTURES AND ADJUST ACCORDINGLY. INSTALL FLUSH VALVES HANDLES ON WIDE SIDE OF ALL FIXTURES.
9.	INSTALL ALL DOMESTIC WATER LINES BELOW DUCTWORK.
10.	MOUNT ALL ISOLATION VALVES, CONTROL VALVES, BALANCING VALVES, ETC. NEAR CEILING HEIGHT FOR ACCESSIBILITY.
11.	INSTALL ALL EQUIPMENT WITH SUFFICIENT CLEARANCE FOR MAINTENANCE PER MANUFACTURERS RECOMMENDATION.
12.	COORDINATE ALL FLOOR PENETRATIONS WITH STRUCTURAL AND PROVIDE SLEEVES AS NECESSARY.
13.	SEE PLUMBING FIXTURE SCHEDULE FOR PIPE SIZES OF WASTE, VENT AND DOMESTIC WATER TO/FROM SINGLE FIXTURE.
14.	LOCATE CIRCUIT SETTERS, VALVES, WATER HAMMER ARRESTORS, ETC. IN ACCESSIBLE LOCATIONS. PROVIDE 24" X 24" ACCESS PANEL WHERE ITEM IS LOCATED ABOVE A HARD CEILING. PROVIDE APPROPRIATELY SIZED ACCESS DOORS TO ANY OF THESE ITEMS INSTALLED IN A WALL. COORDINATE ACCESS DOOR SIZE, LOCATION, AND STYLE WITH ARCHITECT.
15.	FIELD VERIFY LOCATION AND INVERTS OF SITE UTILITIES PRIOR TO INSTALLATION.
16.	FIELD VERIFY ALL NEW WATER, WASTE AND VENT PIPING CONNECTIONS AND PROVIDE NEW CONNECTIONS AS REQUIRED FOR PROPERLY OPERATING SYSTEMS.
17.	WASTE AND VENT PIPING BELOW FLOOR AND THROUGH FLOOR TO BE 2" MINIMUM.
18.	INSTALL CLEANOUTS IN DRAIN PIPING AS INDICATED, AND WHERE NOT INDICATED, ACCORDING TO LOCAL CODE.

MECHANICAL GENERAL NOTES	
1.	COORDINATE EXACT PLACEMENT OF DIFFUSERS, GRILLES AND REGISTERS WITH ARCHITECTURAL REFLECTED CEILING PLAN, TYPICAL.
2.	SEE DETAIL FOR DIFFUSER CONNECTIONS TO DUCTWORK, TYPICAL.
3.	BRANCH DUCTWORK SHALL BE SIZED TO MATCH THE NECK INLET SIZE OF THE DIFFUSERS, REGISTER OR GRILLE IT SERVES UNLESS NOTED OTHERWISE, TYPICAL.
4.	COORDINATE EXACT MOUNTING LOCATION OF ALL THERMOSTATS WITH LATEST REVISION OF ARCHITECTURAL ELEVATION AND FURNISHINGS PLANS, TYPICAL.
5.	THE MECHANICAL CONTRACTOR SHALL PROVIDE FIRE, SMOKE OR COMBINATION FIRE/SMOKE DAMPERS AT ALL LOCATIONS SHOWN ON THE CONTRACT DOCUMENTS AND AS REQUIRED TO MEET THE INTEGRITY OF ALL SMOKE AND FIRE PARTITIONS. THE CONTRACTOR SHALL REFER TO THE LATEST ARCHITECTURAL LIFE SAFETY PLANS FOR ALL FIRE AND SMOKE PARTITION LOCATIONS. DAMPERS ARE TO BE PROVIDED WITH SHUTOFF/TEST SWITCH AT EACH LOCATION.
6.	PROVIDE AND INSTALL TURNING VANES IN ALL SQUARE LOW PRESSURE DUCTWORK AT ELBOWS OR TEES, TYPICAL.
7.	INSTALL ALL TERMINAL BOXES IN EASILY ACCESSIBLE AND SERVICEABLE LOCATIONS, MEETING ALL MANUFACTURERS REQUIRED CLEARANCES ON EACH SIDE. SEE DETAILS, TYPICAL.
8.	DUCTWORK SIZES SHOWN ARE INSIDE CLEAR DIMENSIONS. REFER TO MECHANICAL SPECIFICATIONS FOR EXTENT OF DUCT INSULATION AND LINER AND ADJUST SHEET METAL DIMENSION.
9.	PROVIDE AND INSTALL REMOTE DAMPER OPERATORS FOR ALL DAMPERS INSTALLED ABOVE INACCESSIBLE CEILING. SEE MECHANICAL SPECIFICATIONS FOR EQUIPMENT REQUIREMENTS, TYPICAL.
10.	PROVIDE AND INSTALL HIGH EFFICIENCY TAKE-OFF FITTINGS AND BALANCING DAMPER AT EACH BRANCH CONNECTIONS TO LOW PRESSURE DUCTWORK. PROVIDE BALANCING DAMPERS AT EACH BRANCH TAKE OFF TO SERVE DIFFUSER OR GRILLE AS WELL AS WHERE INDICATED.
11.	PROVIDE AND INSTALL HIGH EFFICIENCY TAKE-OFFS AT ALL BRANCH CONNECTIONS TO MEDIUM PRESSURE DUCTWORK.
12.	WHERE DUCTWORK CROSSES, SUPPLY DUCTWORK IS USUALLY BELOW RETURN AND EXHAUST DUCT. RETURN DUCTWORK IS USUALLY BELOW EXHAUST DUCTS.
13.	AT LOCATIONS WHERE DIFFUSERS OR GRILLES ARE UNDER DUCTWORK, CONTRACTOR TO FABRICATE TRANSITION BOOT FROM FLEX CONNECTION TO DIFFUSER OR GRILLE WITH BALANCING DAMPER, TYPICAL.
14.	THE MECHANICAL CONTRACTOR SHALL PROVIDE CEILING MOUNTED ACCESS DOORS FOR ALL FIRE, SMOKE AND COMBINATION FIRE/SMOKE DAMPERS INSTALLED ABOVE INACCESSIBLE CEILING. FIELD VERIFY EXACT INSTALLATION LOCATIONS PRIOR TO COMMENCING WORK AND COORDINATE INSTALLATIONS WITH LATEST ARCHITECTURAL REFLECTED CEILING PLANS.
15.	ALL VAV BOXES TO HAVE REHEAT COILS, EXCEPT AS NOTED. PROVIDE EQUIPMENT TAG TO MATCH SCHEDULE. PROVIDE A MINIMUM OF TWO DUCT DIAMETERS OF STRAIGHT ROUND DUCT TO INLET OF VAV BOX. BOX SHALL BE HARD CONNECTED (CONICAL) TO MEDIUM PRESSURE DUCT, TYPICAL.
16.	PROVIDE ACCESS DOORS TO ACCESS VAV BOX CONTROLS ABOVE HARD CEILINGS. PROVIDE MINIMUM 24" X 24".
17.	FLEX DUCT IS REQUIRED FOR ALL DIFFUSERS AND GRILLES INSTALLED IN LAY IN CEILINGS. FOR DIFFUSERS AND GRILLES IN HARD LID CEILINGS, THE DUCTWORK SHALL BE EXTENDED ALL THE WAY TO THE DIFFUSER AND SHALL BE CONNECTED WITH A HARD CONNECTION OR A FLEX DUCT CONNECTION WITH A MUD RING AND LAY-IN DIFFUSER AS SHOWN ON PLANS.
18.	THE CONTRACTOR SHALL INFORM THE DESIGNER OF ANY PROPOSED DEVIATIONS FROM THE CONTRACT DOCUMENTS.
19.	PROVIDE ACCESS TO ALL TEMPERATURE CONTROLS ABOVE CEILING. LOCATE IN ACCESSIBLE LOCATION, WHERE THERE ARE HARD CEILINGS THE CONTRACTOR SHALL PROVIDE 24" X 24" ACCESS DOOR.
20.	SUPPLY AND RETURN PIPING TO COILS ARE THE SAME SIZE.
21.	CONTRACTOR SHALL LOCATE THERMOSTATS AND TEMPERATURE SENSORS AT 5'-0" AFF, A MINIMUM OF 8" FROM LIGHT SWITCH, UNLESS OTHERWISE NOTED ON THE ARCHITECT'S ELEVATIONS. COORDINATE EXACT LOCATIONS WITH ARCHITECT.
22.	REFER TO MECHANICAL PIPING OR ZONING DRAWINGS FOR THERMOSTAT AND TEMPERATURE SENSOR LOCATIONS.
23.	CONDENSATE DRAINS SHALL BE SUPPLIED FOR ALL COOLING EQUIPMENT. CONTRACTOR SHALL ENSURE PROPER INSTALLATION AND DRAINAGE AS REQUIRED BY FEDERAL, STATE, AND LOCAL CODES. CONDENSATE PIPE SHALL BE TYPE "1" COPPER UNLESS OTHERWISE NOTED IN THE SPECIFICATIONS.
24.	PROVIDE A 4" HOUSEKEEPING PAD FOR EACH PIECE OF MECHANICAL EQUIPMENT THAT IS FLOOR MOUNTED. COORDINATE SIZES WITH MECHANICAL EQUIPMENT SELECTED.
25.	ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK SHALL BE RATED FOR PRESSURE CLASS OF 2" W.G. UNLESS NOTED OTHERWISE ON THE PLANS OR IN THE SPECIFICATIONS.
26.	THIS CONTRACTOR SHALL BE REQUIRED TO REPLACE FILTERS ON HVAC EQUIPMENT AFTER ALL DUST PRODUCING CONSTRUCTION HAS BEEN COMPLETED AND PRIOR TO THE FINAL PUNCH.

MECHANICAL PIPING GENERAL NOTES	
1.	PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE PIPING SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND AS REQUIRED BY CODE.
2.	UNLESS OTHERWISE NOTED: ALL MECHANICAL PIPING IS OVERHEAD TO RUN ABOVE DUCTWORK AND TIGHT TO UNDERSIDE OF STRUCTURE.
3.	INSTALL PIPING SO THAT ALL VALVES, STRAINERS, UNIONS, TRAPS, FLANGES, AND OTHER APPURTENANCES REQUIRING ACCESS ARE ACCESSIBLE.
4.	ALL VALVES SHALL BE INSTALLED SO THAT VALVES REMAINS IN SERVICE WHEN EQUIPMENT OR PIPING ON EQUIPMENT SIDE OF VALVE IS REMOVED.
5.	PROVIDE AIR VENT AT HIGH POINT OF EACH DROP IN THE HEATING AND CHILLED WATER PIPING SYSTEM.
6.	ALL VALVES SHALL BE ADJUSTED FOR SMOOTH AND EASY OPERATION AND TAGGED.
7.	COORDINATE LOCATION OF THERMOSTAT WITH ARCHITECTURAL FURNISHING PLANS. MOUNT THERMOSTAT AT HEIGHT AS SPECIFIED ON ARCHITECTURAL PLANS OR SPECIFICATIONS.

PROJECT GENERAL NOTES	
1.	THE PROJECT GENERAL NOTES APPLY TO ALL DISCIPLINES.
2.	REMOVE ALL UNUSED PIPING, DUCTWORK, EQUIPMENT, AND ACCESSORIES.
3.	THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS FOR PLUMBING AND MECHANICAL SYSTEMS WITHIN THE TENANT SPACE AND WITHIN CLOSE PROXIMITY TO THE TENANT SPACE. THE CONTRACTOR WILL FIELD VERIFY AS MUCH AS IS REASONABLE BEFORE THE FINAL BID. AFTER THE FINAL BID THE CONTRACTOR WILL NOTIFY THE OWNER, ARCHITECT, AND MECHANICAL DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF EXISTING CONDITIONS THAT MAY AFFECT THE DESIGN.
4.	THE MECHANICAL CONTRACTOR SHALL PERFORM SERVICE AND REPAIR ON THE EXISTING EQUIPMENT AND ITS ACCESSORIES AS FOLLOWS: CLEAN ALL COILS, REPLACE THE FILTERS AND BELTS, INSPECT, REPAIR, OR REPLACE THE ECONOMIZERS, DRIVERS AND FAN BEARINGS, MOTORS, CONTROL COMPONENTS, VALVES, AND ANY OTHER ITEM NECESSARY FOR A COMPLETE AND PROPER OPERATING SYSTEM. THIS CONTRACTOR SHALL ALSO VISIT THE SITE, PRIOR TO FINAL BIDDING, AND VERIFY ALL EXISTING SITE CONDITIONS. PROVIDE ALL MATERIAL AND COMPONENTS AS NEEDED TO BRING THE UNITS TO FULL COMPLIANCE OF THE LANDLORD'S CRITERIA AND LOCAL AUTHORITY HAVING JURISDICTION.
5.	WHERE FLOOR DRAINS OCCUR WITH THE LIMITS OF CONSTRUCTION, PREVENT CONSTRUCTION DEBRIS FROM ENTERING DRAIN BODY BY SEALING DRAIN OPENING PRIOR TO START OF WORK. UNSEAL DRAINS AT COMPLETION OF CONSTRUCTION.
6.	COORDINATE INSTALLATION OF PIPING, DUCTWORK, CONDUIT, LIGHTS, CABLE TRAY, STRUCTURE, EQUIPMENT, CEILINGS, ARCHITECTURAL COMPONENTS, AND ANYTHING ELSE PERTAINING TO THE PROJECT TO PREVENT CONFLICTS.
7.	THE CONTRACTOR SHALL BE FAMILIAR WITH ALL THE CONDITIONS BOTH EXISTING AND THOSE ILLUSTRATED BY THESE DOCUMENTS AND THOSE OF OTHER DISCIPLINES, INCLUDING, BUT NOT LIMITED TO ARCHITECTURAL, CIVIL, ELECTRICAL, VENTILATION, PLUMBING, AND OTHER SYSTEMS INVOLVED ON THIS PROJECT.
8.	FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATIONAL BUILDING CODE, INTERNATIONAL MECHANICAL CODE, AND INTERNATIONAL PLUMBING CODE.
9.	LOCATE EQUIPMENT REQUIRING ACCESS 2'-0" MAXIMUM ABOVE CEILING.
10.	ALL ROOF MOUNTED EQUIPMENT SHALL BE A MINIMUM 10'-0" FROM EDGE OF ROOF.
11.	COORDINATE INSTALLATION OF DUCTWORK, PIPING AND MECHANICAL EQUIPMENT WITH NEC CLEARANCES INCLUDING THE SPACE ABOVE ELECTRICAL PANELS, TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT. NO PIPING OR DUCTWORK TO RUN OVER ELECTRICAL PANELS, VFD'S OR MCC'S. PROTECT EQUIPMENT WITH A 4" DEEP ZONE IN FRONT OF PANELS, VFD'S AND MCC'S. PROVIDE PANS IF REQUIRED UNDER PIPING.
12.	FIRE SEAL AROUND DUCT AND PIPING PENETRATIONS OF FIRE RATED WALLS. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CAULKING AND SEALING ALL PENETRATIONS IN FIRE AND SMOKE RATED PARTITIONS TO MAINTAIN RATINGS. REFER TO SPECIFICATION.
13.	PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES AND DUCTS THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.
14.	TRANSITION PIPING AND DUCTWORK SIZES TO MATCH THE SIZE OF EQUIPMENT CONNECTION.
15.	REFER TO PLUMBING SERIES DRAWINGS FOR GAS PIPING.
16.	ALL PIPE AND DUCT SIZES SHOWN SHALL BE CONTINUED IN THE DIRECTION OF FLOW UNTIL ANOTHER SIZE IS SHOWN.
17.	FOR DETAILS, EQUIPMENT CONNECTIONS, AND PIPE SIZES NOT SHOWN ON THE SEGMENTS, REFER TO DETAILS, SCHEDULES, AND SPECIFICATIONS.
18.	INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURERS WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS.
19.	MECHANICAL CONTRACTOR SHALL ENSURE THAT ALL EQUIPMENT IS PROVIDED AND INSTALLED WITH CLEARANCES PER MANUFACTURERS RECOMMENDATIONS. THE CONTRACTOR SHALL MAINTAIN PROPER SERVICE SPACE FOR COIL, PULLS, BAS DEVICES, MAINTENANCE ACCESS, ETC.
20.	INSTALL EXPOSED PIPING AND DUCTWORK AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILINGS.
21.	LOCATIONS OF PIPING, DUCTWORK AND EQUIPMENT AS INDICATED ON THE DRAWING, ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD, INCLUDING, BUT NOT LIMITED TO, OFFSETS AND TRANSITIONS. NEW DUCTWORK, PIPING AND EQUIPMENT SHALL BE COORDINATED WITH STRUCTURE, LIGHTS, REFLECTED CEILING PLANS, CABLE TRAY, ELECTRICAL CONDUIT, PLUMBING, MECHANICAL, AND FIRE PROTECTION PIPING, MEDICAL GASES, ALL OTHER TRADES AND ALL OTHER EXISTING CONDITIONS TO AVOID INTERFERENCE IN THE FIELD.
22.	THE CONTRACTOR SHALL INFORM THE DESIGNER OF ANY PROPOSED DEVIATIONS FROM THE CONTRACT DOCUMENTS.
23.	IF CONTRACTOR ENCOUNTERS MATERIAL WHICH MAY CONTAIN ASBESTOS, IMMEDIATELY STOP WORK IN THIS AREA AND NOTIFY THE OWNER.
24.	DETAILS REFERENCE ALL SHEETS.
25.	INSTALL ALL PIPING AND DUCTWORK WITHOUT FORCING OR SPRINGING.
26.	ROUTE DOMESTIC WATER, FIRE PROTECTION, SANITARY WASTE, ROOF DRAIN, CAMPUS CHILLED OR HOT WATER, AND ANY OTHER UTILITY SERVICES TO SITE UTILITIES 5'-0" FROM BUILDING UNLESS NOTED OTHERWISE. REFER TO CIVIL PLANS.
27.	LOCATE VALVING, ACCESSORIES, AND EQUIPMENT IN ACCESSIBLE LOCATIONS, WHERE LOCATED ABOVE HARD CEILING PROVIDE AN ACCESS DOOR IN CEILING. MINIMUM ACCESS DOOR SIZE OF 24" X 24". COORDINATE EXACT LOCATION AND STYLE WITH ARCHITECT. EQUIPMENT SHALL BE LOCATED IN THE CEILING CAVITY SO IT CAN BE SAFELY SERVICED FROM SOMEONE STAND ON A LADDER PLACED BELOW THE CEILING ACCESS.
28.	WHERE VALVING, ACCESSORIES, OR EQUIPMENT IS LOCATED IN A WALL, PROVIDE AN APPROPRIATELY SIZED ACCESS DOOR. COORDINATE ACCESS DOOR SIZE, LOCATION, AND STYLE WITH ARCHITECT.
29.	CONTRACTOR TO PROVIDE VALVE IDENTIFICATION AND LOCATION ON ALL CEILING TILES WHERE VALVES ARE LOCATED.
NOTE	
ALL OF THE GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL OTHER DRAWINGS IN THIS SET.	



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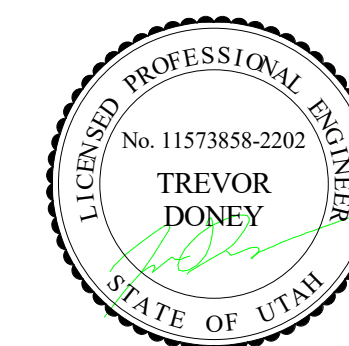
Intermountain Health
Intermountain Kidney Services
Ogden Kidney Clinic

1100 Country Hills Drive
Ogden, Utah 84403

NJRA Project # 23244.00
Construction Documents Oct 8, 2024

MECHANICAL
GENERAL
NOTES

M001



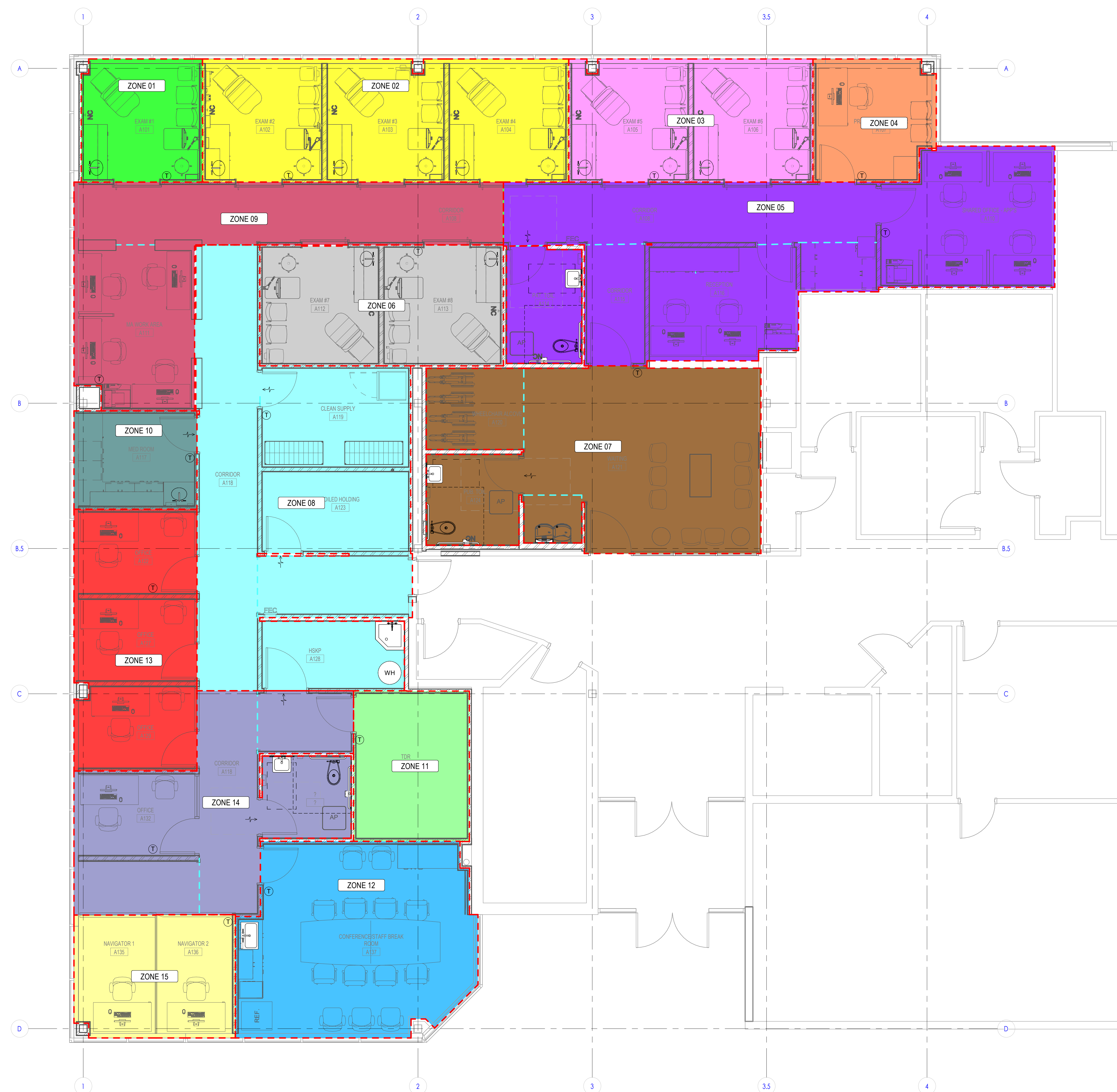
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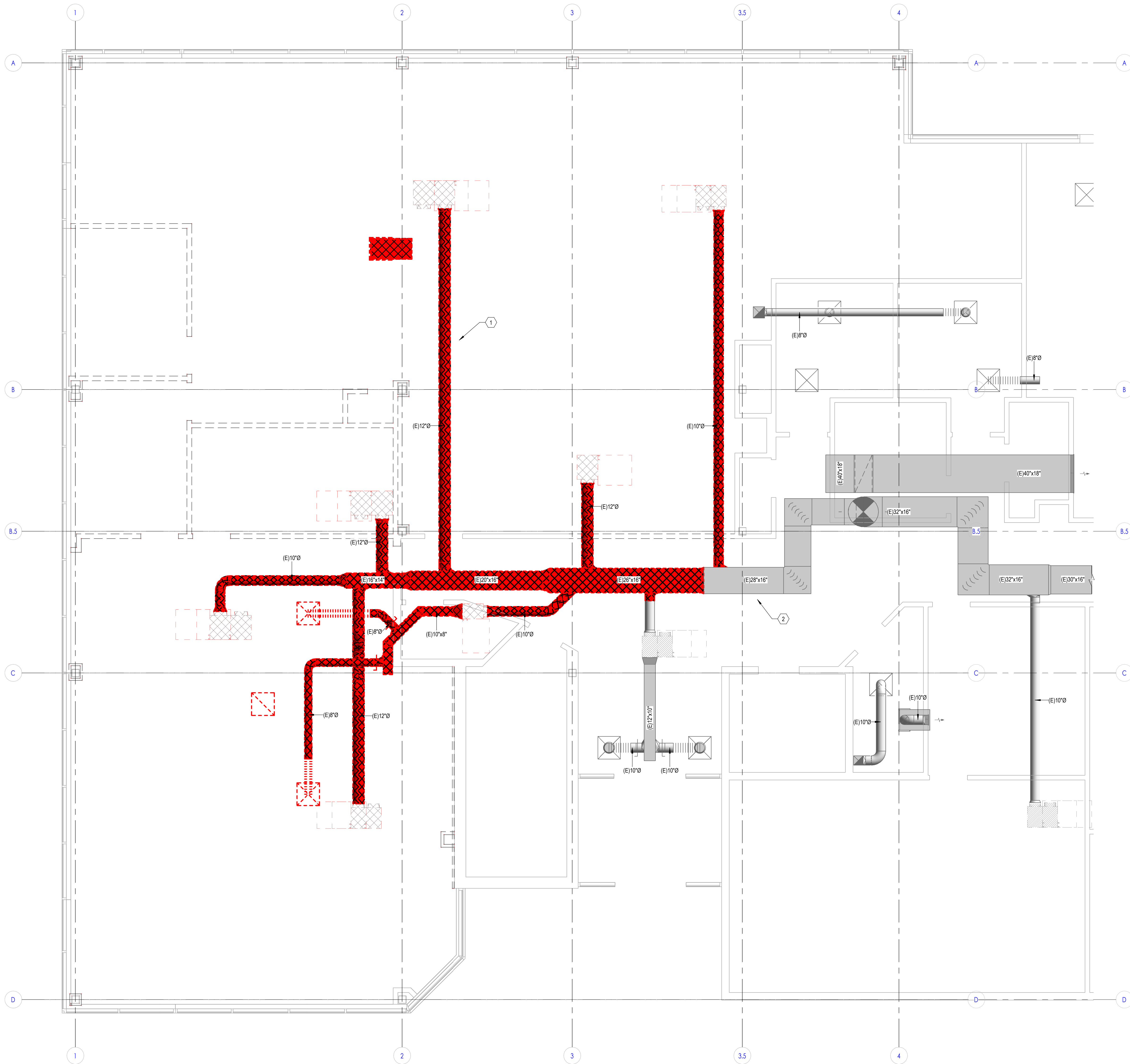
LEVEL 1
THERMAL
ZONE PLAN

M011



1
M011 LEVEL 1 THERMAL ZONE DIAGRAM
1/4" = 1'-0"

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1 LEVEL 1 HVAC DEMOLITION PLAN
MD101
1/4\" = 1'-0"

KEYNOTES	
1	EXISTING ELEMENTS SHOWN RED AND DASHED TO BE DEMOLISHED. TYPICAL.
2	EXISTING ELEMENTS SHOWN LIGHT TO REMAIN. TYPICAL.



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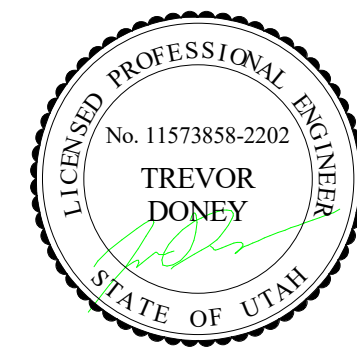
LEVEL 1
MECHANICAL
DEMOLITION
PLAN

MD101

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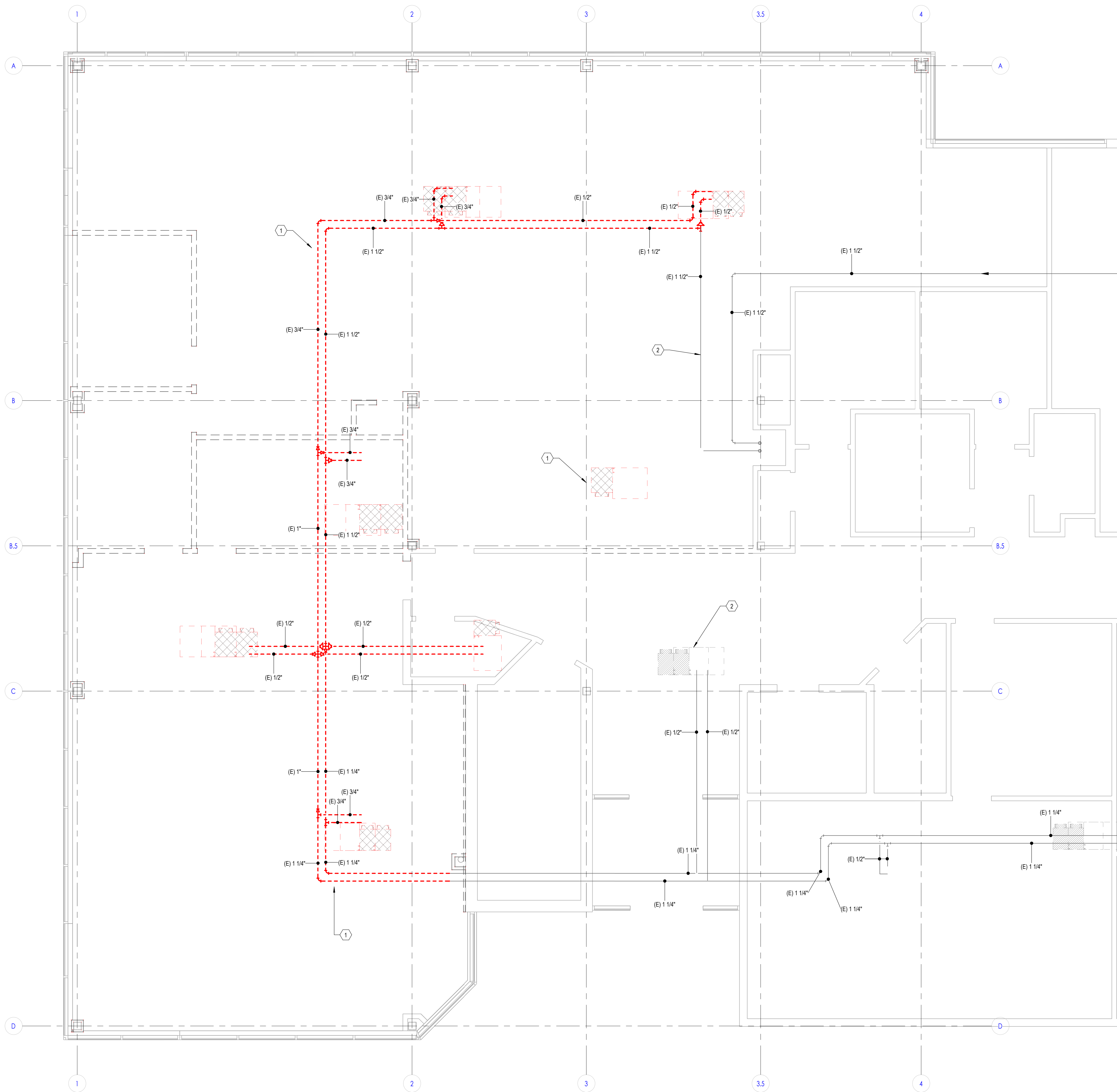
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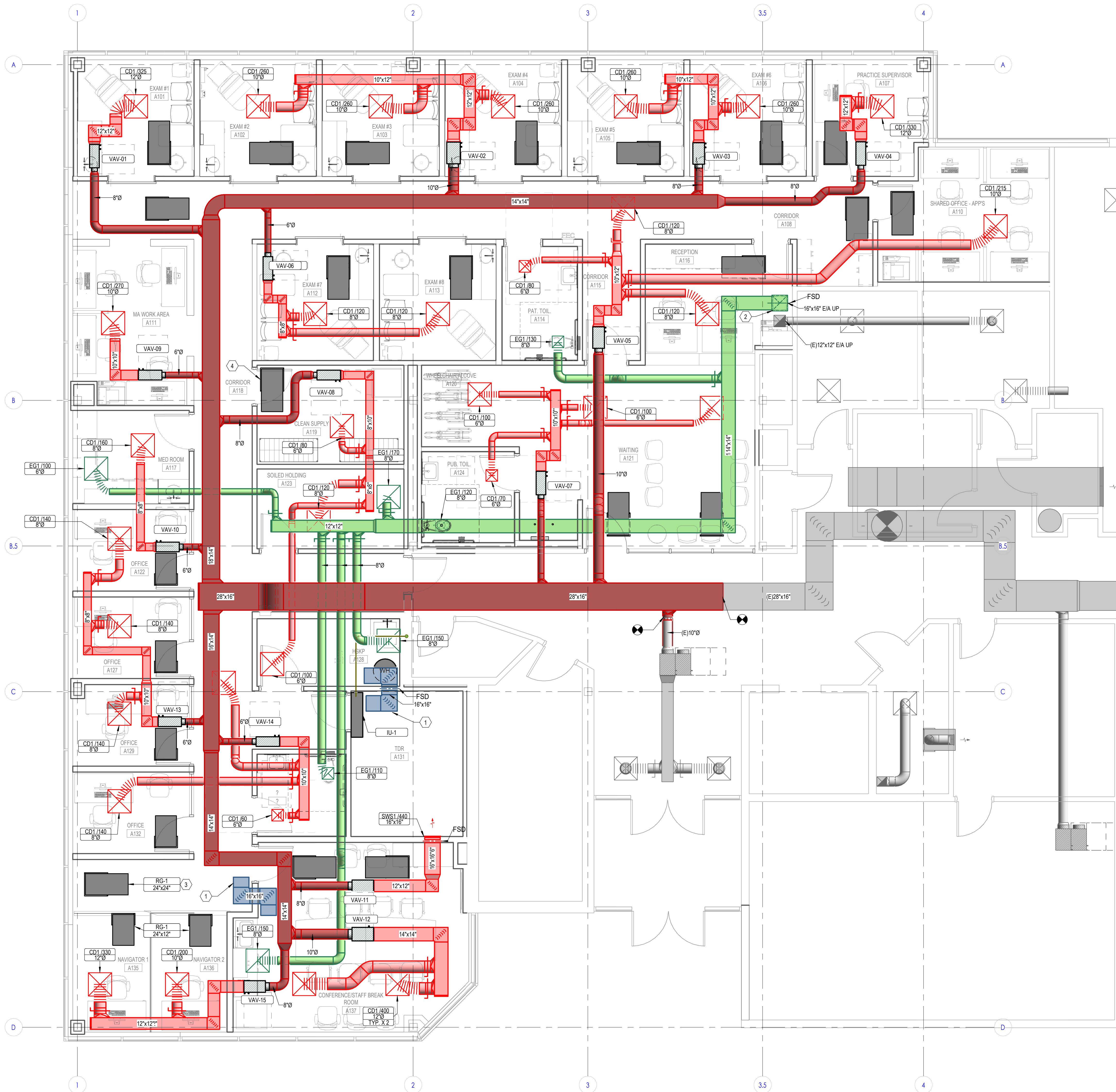
LEVEL 1
MECHANICAL
PIPING
DEMOLITION
PLAN
MD111



1 LEVEL 1 MECHANICAL PIPING DEMOLITION PLAN
MD111 1/4\" = 1'-0"

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1 LEVEL 1 HVAC PLAN
1/4" = 1'-0"

- KEYNOTES
- 1 TRANSFER DUCT REQUIRED WHERE WALLS GO TO DECK.
 - 2 PROVIDE FSD AT FLOOR PENETRATION.
 - 3 TYPICAL CALLOUT FOR ALL RETURN GRILLES.
 - 4 PROVIDE RS1 WITH DAMPER AND BALANCE THE ROOM TO +0.1"WC POSITIVE.

NJRA
ARCHITECTS

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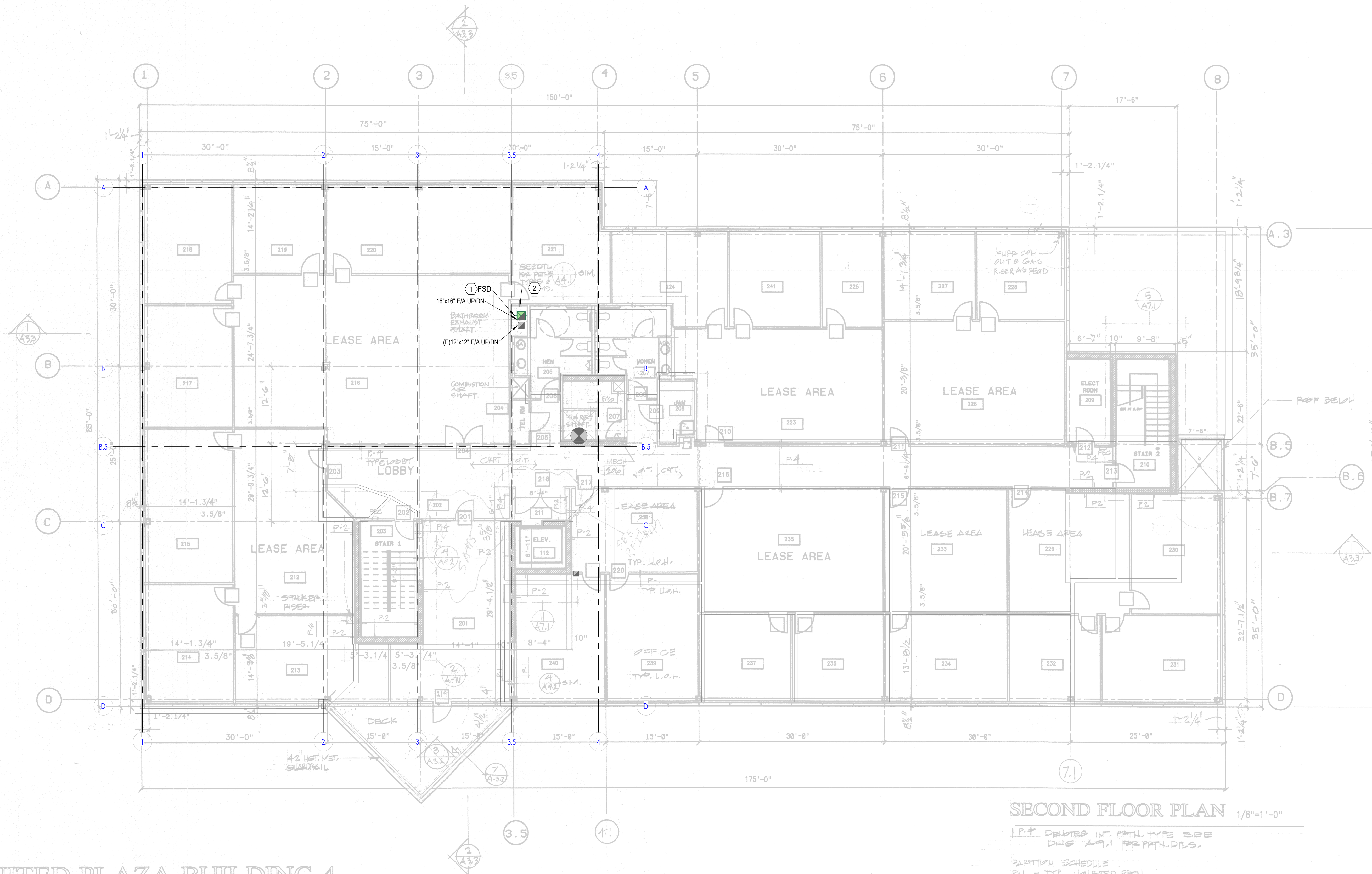
LEVEL 1 HVAC
PLAN

M101

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UNITED PLAZA BUILDING 4
THE SWANSON FAMILY FOUNDATION
COUNTRY HILL DRIVE
OGDEN, UTAH

1 LEVEL 2 HVAC PLAN
M102 1/8" = 1'-0"



SECOND FLOOR PLAN 1/8"=1'-0"

1. P.A. DENOTES INT. PATH, TYPE SEE
DWG. A9.1 FOR PATH DLS.

PARTITION SCHEDULE
P-1 - TYP. UNPAINTED PARTN
P-2 - TYP. PAINTED PARTN
P-3 - ACoustic PARTITION, 1/2" Gypsum Board
P-4 - 1/2" Gypsum Board PARTITION
P-5 - NON-PARTED PLUMBING PARTITION
P-6 - 1/2" Gypsum Board PARTITION

KEYNOTES
1. PROVIDE FSD AT FLOOR PENETRATIONS
2. WALL AROUND EXHAUST SHAFT TO BE DEMOLISHED AS REQUIRED. SEE ARCH.



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VBFA Project #: 240509

Intermountain Health
Intermountain Kidney Services
Ogden Kidney Clinic

1100 Country Hills Drive
Ogden, Utah 84403

NJRA Project # 23244.00
Construction Documents Oct 8, 2024

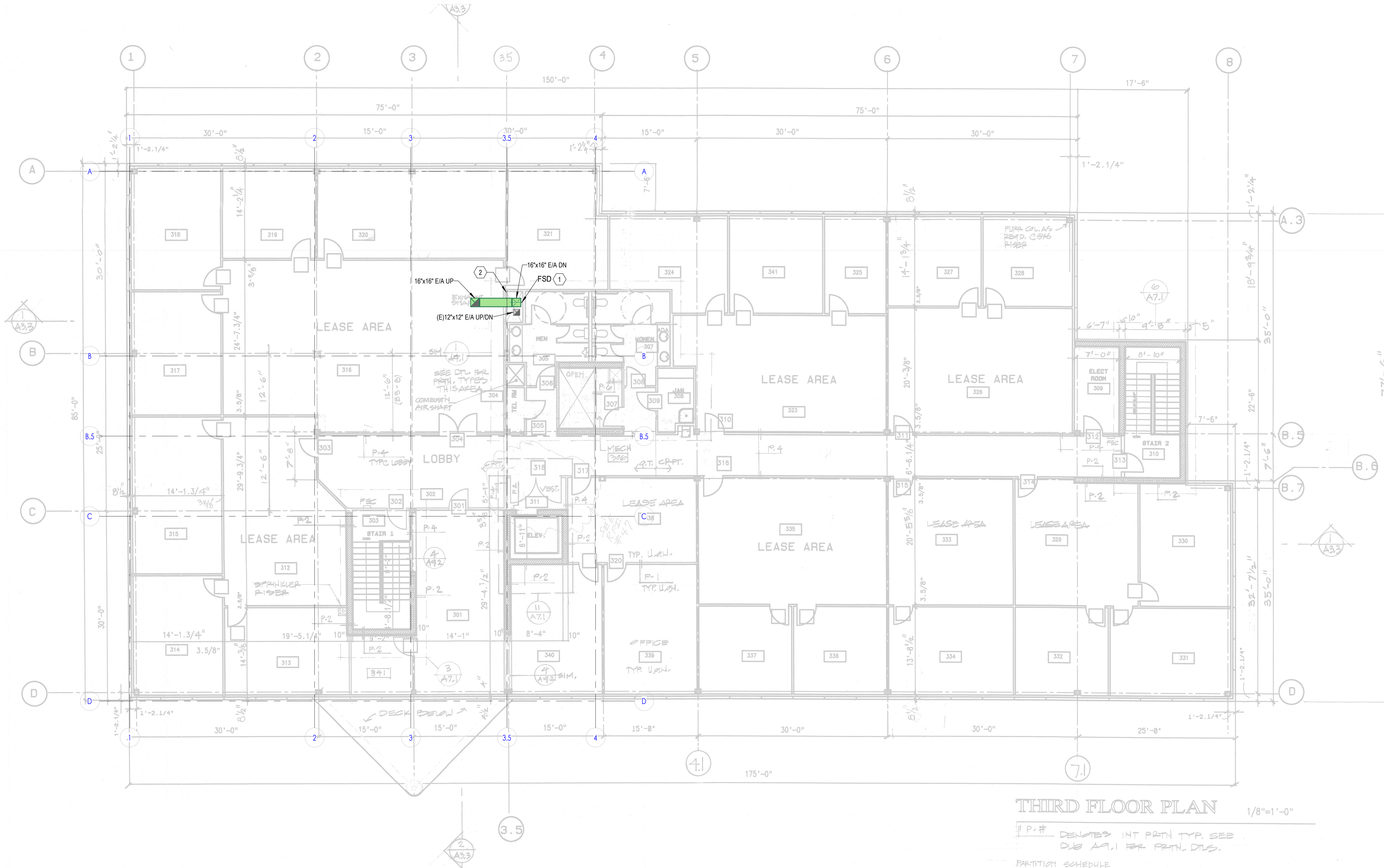
LEVEL 2 HVAC
PLAN

M102

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UNITED PLAZA BUILDING 4
THE SWANSON FAMILY FOUNDATION
COUNTRY HILL DRIVE
OGDEN, UTAH

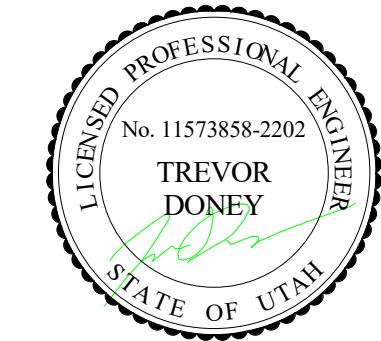
1
M103
LEVEL 3 HVAC PLAN
1/8" = 1'-0"



- KEYNOTES
- 1 PROVIDE FSD AT FLOOR PENETRATION.
 - 2 WALL AROUND EXHAUST SHAFT TO BE DEMOLISHED AS REQUIRED. SEE ARCH.



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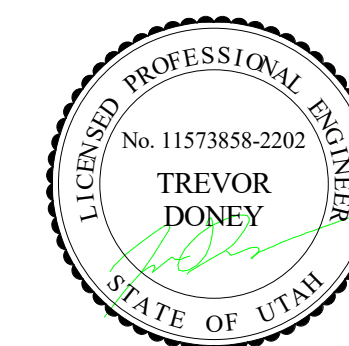
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LEVEL 3 HVAC
PLAN

M103



1 ROOF HVAC PLAN
M104 1/8" = 1'-0"

Intermountain Health
Intermountain Kidney Services
Ogden Kidney Clinic

1100 Country Hills Drive
 Orem, UT 84403

NJRA Project #	23244.00
Construction Documents	Oct 8, 2024

ROOF HVAC
PLAN

M104

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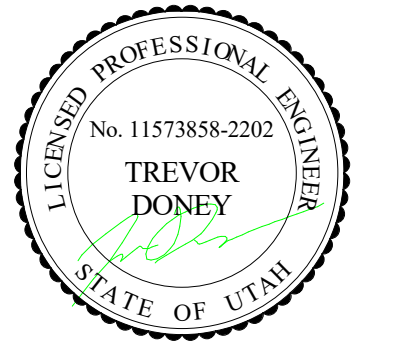
1 M111 LEVEL 1 MECHANICAL PIPING PLAN
1/4\"/>

KEYNOTES

- 1 CONTRACTOR AND OWNER TO COORDINATE WORK TO BE DONE IN THIS AREA AS IT WILL REQUIRE OTHER AREAS IN OPERATION TO SHUT DOWN WHILE WORK IS DONE.
- 2 INSTALL ISOLATION VALVES.
- 3 DROP CONDENSATE LINE DOWN WALL AND DISCHARGE LOW INTO SERVICE SINK. TERMINATION TO DOWNTURN. DRAIN LINE TO BE COPPER.
- 4 CONDENSATE FROM IU-1 TO RUN TO ADJACENT SS-1 AS SHOWN.

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LEVEL 1
MECHANICAL
PIPING PLAN

M111

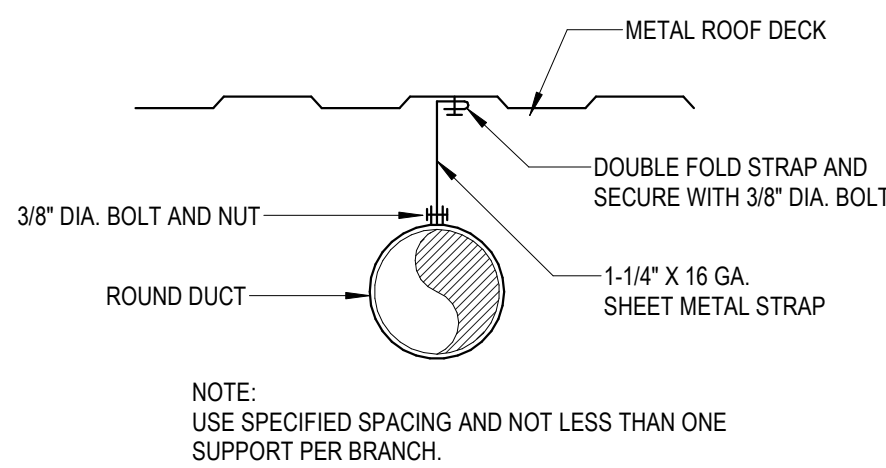
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COIL BRANCH PIPE SIZES

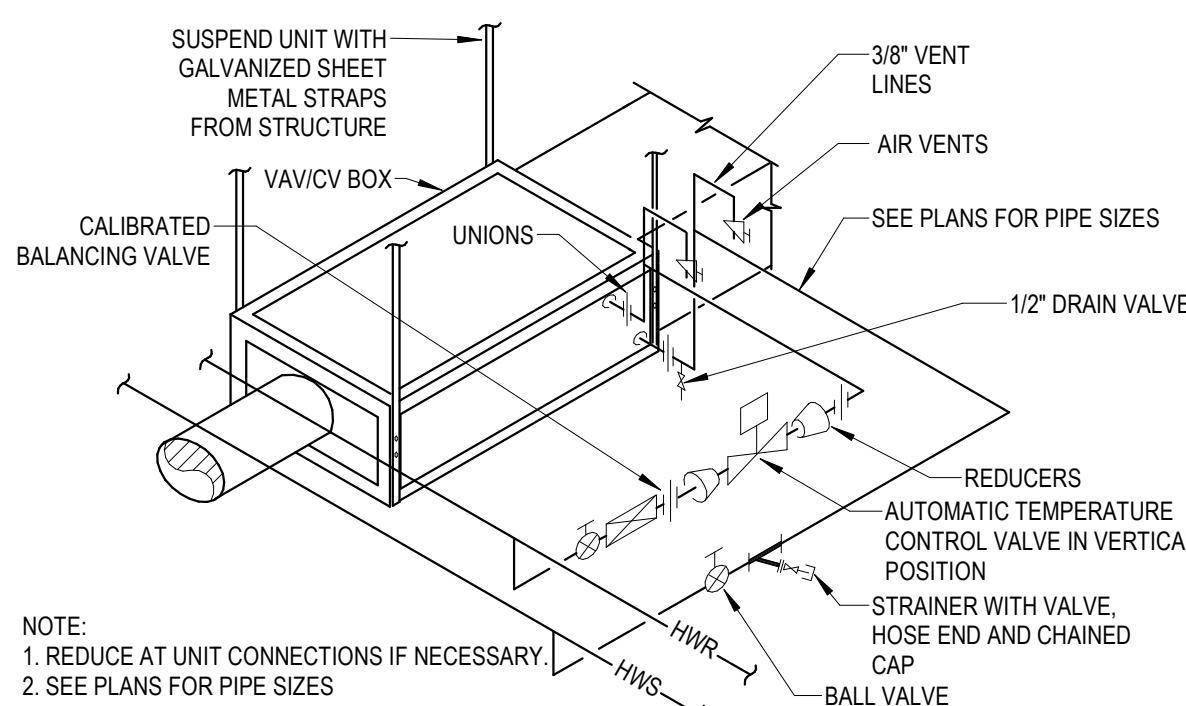
(SEE SCHEDULE FOR FLOW REQUIREMENTS)

0.5"	=	0.0	<	1.6 (GPM)
0.75"	=	0.6	TO	3.5 (GPM)
1.0"	=	3.6	TO	6.3 (GPM)
1.25"	=	6.7	TO	14 (GPM)
1.5"	=	14.1	TO	21 (GPM)
2.0"	=	21.1	TO	42 (GPM)
2.5"	=	42.1	TO	66 (GPM)
3.0"	=	66.1	TO	120 (GPM)
4.0"	=	120.1	TO	240 (GPM)
6.0"	=	240.1	TO	600 (GPM)
8.0"	=	600.1	TO	1000 (GPM)
10.0"	=	1000.1	TO	1600 (GPM)
12.0"	=	1600.1	TO	2400 (GPM)

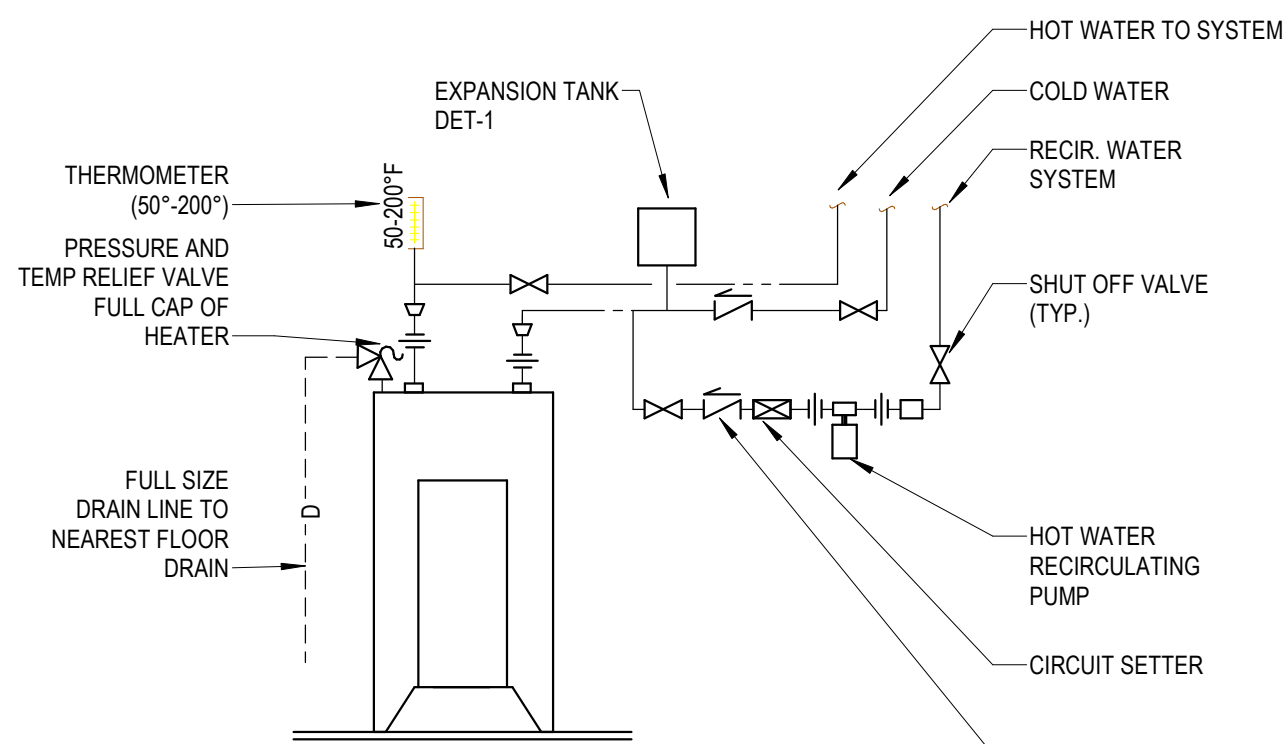
9
M501
Coil Branch Pipe Sizes
1/8" = 1'-0"



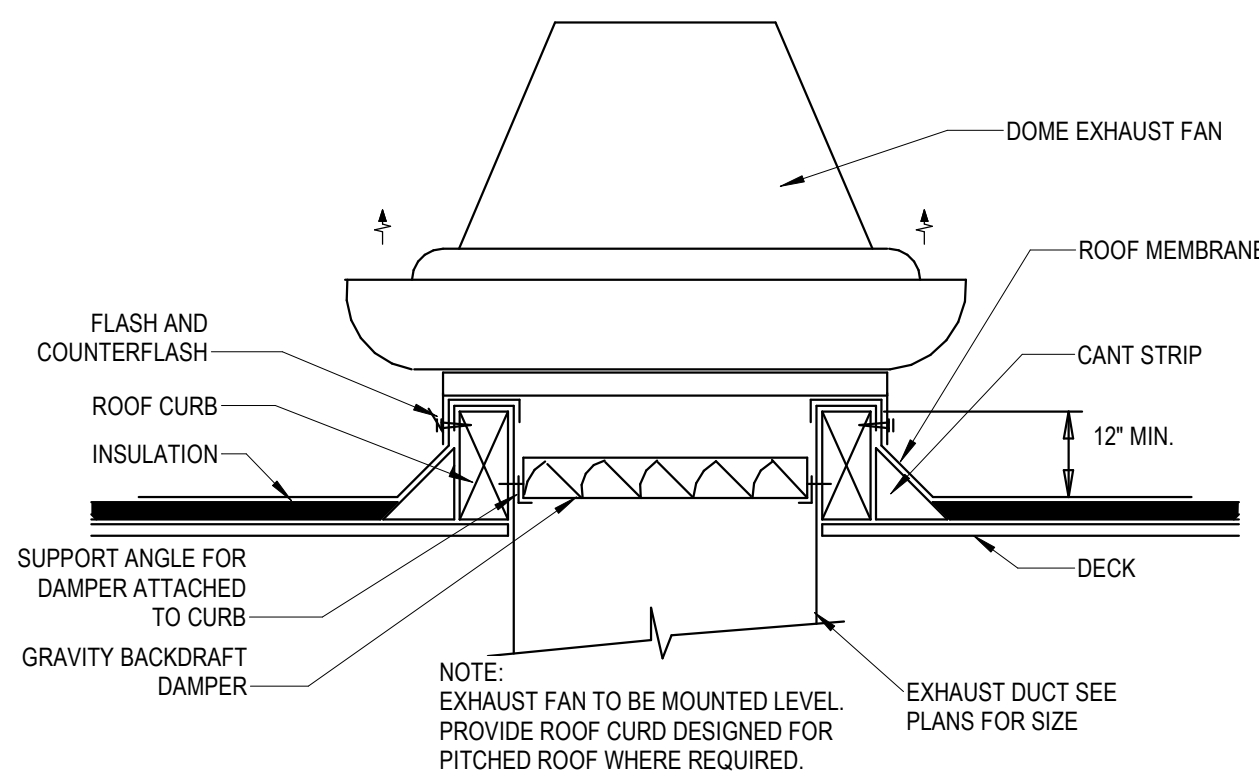
5
M501
ROUND DUCT SUPPORT DETAIL
12" = 1'-0"



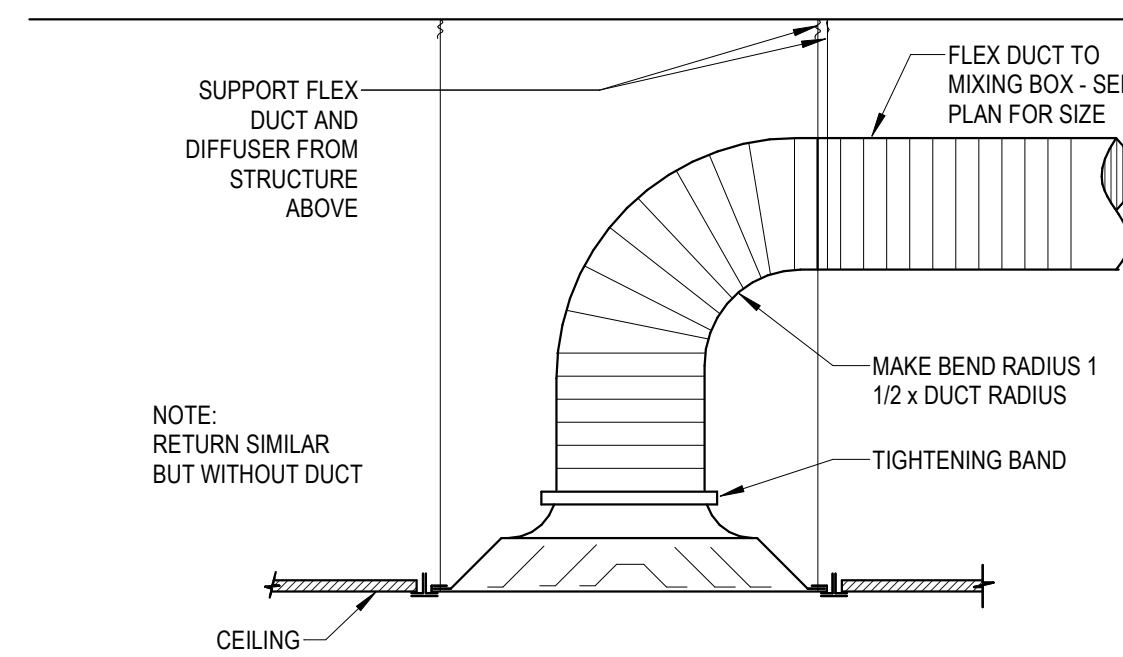
6
M501
VAV/CV TERMINAL UNIT WITH 2-WAY CONTROL VALVE DETAIL
12" = 1'-0"



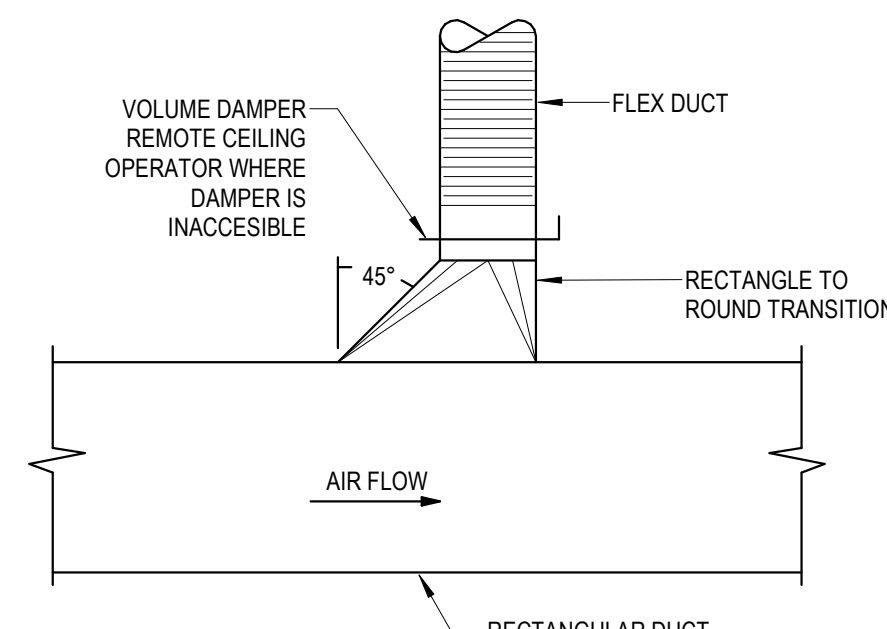
7
M501
WATER HEATER, ELECTRIC DETAIL
12" = 1'-0"



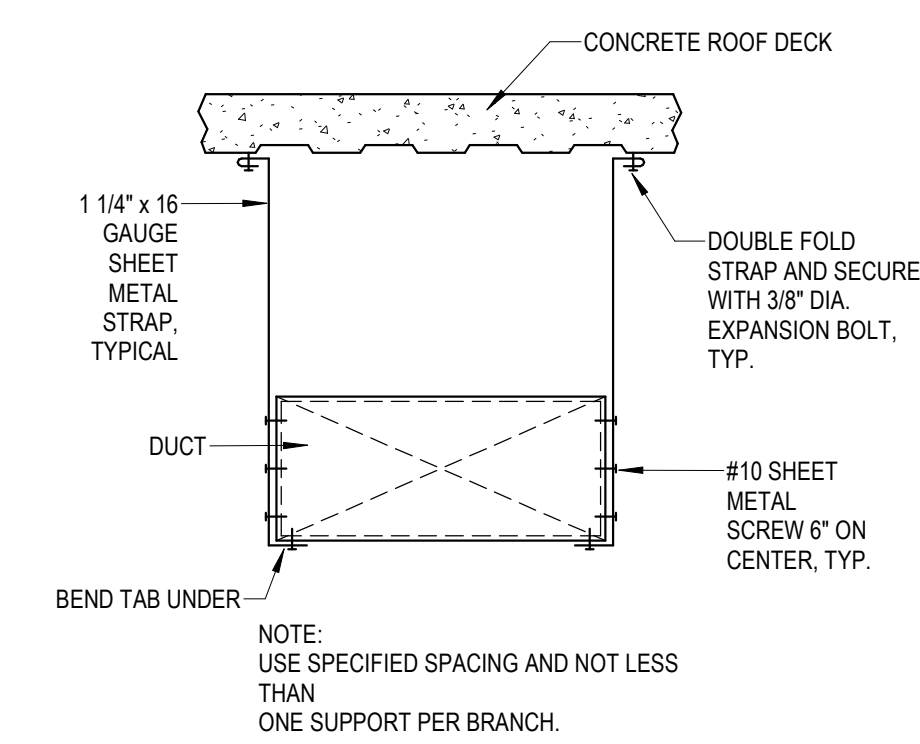
8
M501
UP BLAST EXHAUST FAN DETAIL
12" = 1'-0"



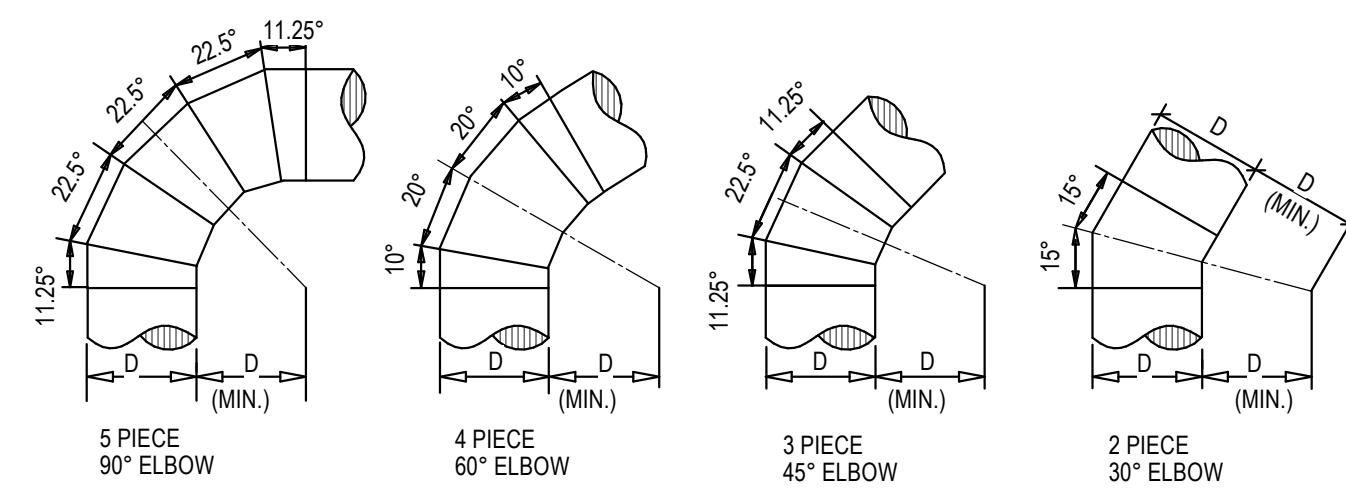
1
M501
DIFFUSER CONNECTION DETAIL
12" = 1'-0"



2
M501
FLEX DUCT WITH HIGH EFFICIENCY FITTING DETAIL
12" = 1'-0"



3
M501
RECTANGULAR DUCT DETAIL
12" = 1'-0"



4
M501
ROUND DUCT ELBOWS DETAIL
12" = 1'-0"

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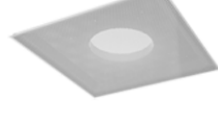
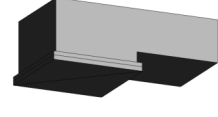
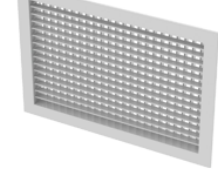
VAV BOX SCHEDULE																		
ID	Level	Manufacturer	Inlet Size	Cooling Airflow	Heating Airflow	Min Airflow	Entering Air Temperature	Leaving Air Temperature	S.P. Loss at Max CFM	Flow Rate	Entering Water Temperature	Leaving Water Temperature	Working Fluid	Head Loss Feet	Min. Number of Rows/Fins Per Inch	Valve Type	Occupied	NOTE
VAV-01	Level 1	TITUS -ESV-3	6"	325 CFM	240 CFM	80 CFM	52.0 °F	97.9 °F	0.085	1.0 GPM	160.0 °F	139.7 °F	WATER	0.12	26	2 Way Valve	Yes	
VAV-02	Level 1	TITUS -ESV-3	10"	780 CFM	660 CFM	230 CFM	52.0 °F	91.4 °F	0.26	2.0 GPM	160.0 °F	136.0 °F	WATER	0.47	26	3 Way Valve	Yes	
VAV-03	Level 1	TITUS -ESV-3	8"	520 CFM	420 CFM	145 CFM	52.0 °F	92.2 °F	0.248	1.5 GPM	160.0 °F	139.2 °F	WATER	0.4775	26	2 Way Valve	Yes	
VAV-04	Level 1	TITUS -ESV-3	6"	330 CFM	240 CFM	80 CFM	52.0 °F	97.9 °F	0.088	1.0 GPM	160.0 °F	139.7 °F	WATER	0.12	26	3 Way Valve	Yes	
VAV-05	Level 1	TITUS -ESV-3	8"	535 CFM	420 CFM	145 CFM	52.0 °F	92.2 °F	0.2615	1.5 GPM	160.0 °F	139.2 °F	WATER	0.4775	26	2 Way Valve	Yes	
VAV-06	Level 1	TITUS -ESV-3	6"	240 CFM	240 CFM	80 CFM	52.0 °F	97.9 °F	0.048	1.0 GPM	160.0 °F	139.7 °F	WATER	0.12	26	2 Way Valve	Yes	
VAV-07	Level 1	TITUS -ESV-3	6"	370 CFM	240 CFM	80 CFM	52.0 °F	97.9 °F	0.108	1.0 GPM	160.0 °F	139.7 °F	WATER	0.12	26	2 Way Valve	Yes	
VAV-08	Level 1	TITUS -ESV-3	6"	300 CFM	240 CFM	80 CFM	52.0 °F	97.9 °F	0.07	1.0 GPM	160.0 °F	139.7 °F	WATER	0.12	26	2 Way Valve	Yes	
VAV-09	Level 1	TITUS -ESV-3	6"	270 CFM	240 CFM	80 CFM	52.0 °F	97.9 °F	0.058	1.0 GPM	160.0 °F	139.7 °F	WATER	0.12	26	2 Way Valve	Yes	
VAV-10	Level 1	TITUS -ESV-3	6"	160 CFM	160 CFM	80 CFM	52.0 °F	107.8 °F	0.024	1.0 GPM	160.0 °F	143.5 °F	WATER	0.12	26	2 Way Valve	Yes	
VAV-11	Level 1	TITUS -ESV-3	8"	440 CFM	420 CFM	145 CFM	52.0 °F	92.2 °F	0.188	1.5 GPM	160.0 °F	139.2 °F	WATER	0.4775	26	2 Way Valve	Yes	
VAV-12	Level 1	TITUS -ESV-3	10"	800 CFM	660 CFM	230 CFM	52.0 °F	91.4 °F	0.27	2.0 GPM	160.0 °F	136.0 °F	WATER	0.47	26	3 Way Valve	Yes	
VAV-13	Level 1	TITUS -ESV-3	6"	420 CFM	240 CFM	80 CFM	52.0 °F	97.9 °F	0.132	1.0 GPM	160.0 °F	139.7 °F	WATER	0.12	26	2 Way Valve	Yes	
VAV-14	Level 1	TITUS -ESV-3	6"	340 CFM	240 CFM	80 CFM	52.0 °F	97.9 °F	0.094	1.0 GPM	160.0 °F	139.7 °F	WATER	0.12	26	2 Way Valve	Yes	
VAV-15	Level 1	TITUS -ESV-3	8"	530 CFM	420 CFM	145 CFM	52.0 °F	92.2 °F	0.257	1.5 GPM	160.0 °F	139.2 °F	WATER	0.4775	26	2 Way Valve	Yes	

EXHAUST AIR FAN SCHEDULE																	
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	QTY	TYPE	AIR		FAN		ELECTRICAL							PHYSICAL	
					MAXIMUM AIRFLOW RATE (CFM)	TOTAL STATIC PRESSURE (IN. H2O)	FAN SPEED (RPM)	FAN WHEEL DIA. (IN.)	STATIC EFF. (%)	MOTOR SIZE (HP)	MOTOR BHP (HP)	MOTOR SPEED (RPM)	FLA (AMPS)	MOP (AMPS)	VOLT/PH/Hz	LENGTH/ WIDTH/ HEIGHT (IN)	NOTES
EF-1	GREENHECK CUBE 120	ROOF	1	CENTRIFUGAL	1100	0.85	1462	13.063	80	0.33	0.29		7.2	15	115/1/60	25/25/40	1-5

1. PROVIDE INDIVIDUAL VSD PER FAN MOTOR.
2. VSD BY DIVISION 230000.
3. PROVIDE THERMAL OVERLOAD PROTECTION; DISCONNECT SWITCH; VIBRATION ISOLATION; AND FLEXIBLE CONNECTIONS.
4. PROVIDE WITH BACKDRAFT DAMPER AND ATC.
5. VSD TO BE MOUNTED ON FAN.
6. PROVIDE WITH ROOF CURB.

SPLIT SYSTEM COOLING UNIT																		
INDOOR UNIT										OUTDOOR UNIT							REFRIG LINES	
ID	MANUF	MODEL	LOCATION	COOLING CAPACITY (BTU)	CFM RANGE	DIMENSIONS W" x H" x D"	WEIGHT (LBS.)	AMPS (MCA)	VOLTZ/PH/HZ	ID	MANUF	MODEL	LOCATION	DIMENSIONS W" x H" x D"	WEIGHT (LBS.)	AMPS (MCA)	VOLTZ/PH/HZ	LIQUID GAS
IU-1	MITSUBISHI	PKA-A36KA8	TDR	36,000	705-920	46x15x12	51	1	208-230/1/60	OU-1	MITSUBISHI	PUY-A36NKA7	ROOF	42x53x13	243	25	208-230/1/60	3/8 5/8

1. CAPACITIES RATED AT THE FOLLOWING OUTDOOR CONDITIONS: COOLING -95 DEG F DB, 75 DEG F WB
2. PROVIDE LOW AMBIENT CONTROL TO ALLOW COOLING OPERATION DOWN TO 0 DEG F DB
3. R410A REFRIGERANT
4. SEE DRAWINGS FOR QUANTITIES AND LOCATION
5. INSTALL UNITS AND REFRIGERANT PIPES PER MANUFACTURES RECOMMENDATIONS
6. PROVIDE INDOOR UNIT WITH CONDENSATE PUMP
7. WIRELESS REMOTE CONTROLLER. PROVIDE WALL MOUNTED HOLDER.

GRILLE, REGISTER, AND DIFFUSER SCHEDULE				IMAGE
ID	MANUFACTURER AND MODEL	Count	DESCRIPTION	
CD1	TITUS OMNI	37	STYLE: SQUARE PLAQUE FACE CEILING DIFFUSER CONSTRUCTION: STEEL FINISH: POWDER COAT WITH COLOR SELECTED BY ARCHITECT MOUNTING: SURFACE OR LAY-IN BASED ON CEILING TYPE. PROVIDE FRAME TYPE 1 FOR SURFACE MOUNT AND FRAME TYPE 3 FOR LAY-IN. FACE SIZE: 24"X24", 20"X20", OR 12"X12". VERIFY FACE SIZE WITH ARCHITECT AND ENGINEER. CORE: REMOVABLE MAX NC: 25 DAMPER: NONE CONNECTION: ROUND OR RECTANGULAR OF SIZE SHOWN ON DRAWINGS. PROVIDE ADAPTER FITTINGS AS REQUIRED. APPLICATION: VARIABLE AIR VOLUME SUPPLY	
EG1	TITUS PAR	10	STYLE: SQUARE PERFORATED FACE CEILING GRILLE CONSTRUCTION: STEEL FINISH: SELECTED BY ARCHITECT MOUNTING: SURFACE OR LAY-IN BASED ON CEILING TYPE. PROVIDE FRAME TYPE 1 FOR SURFACE MOUNT AND FRAME TYPE 3 FOR LAY-IN. FACE SIZE: 48"X24", 24"X24", 24"X12", 20"X20", 16"X16", OR 12"X12" AS SHOWN ON PLANS. VERIFY FACE SIZE WITH ARCHITECT AND ENGINEER. MAX NC: 25 DAMPER: NONE CONNECTION: ROUND OR RECTANGULAR OF SIZE SHOWN ON DRAWINGS. PROVIDE ADAPTER FITTINGS AS REQUIRED. APPLICATION: EXHAUST OR RELIEF MINIMUM FREE AREA: 50%	
RG1	TITUS PAR	26	STYLE: SQUARE PERFORATED FACE CEILING GRILLE WITH ACOUSTICAL SOUND BOOT CONSTRUCTION: STEEL FINISH: SELECTED BY ARCHITECT MOUNTING: SURFACE OR LAY-IN BASED ON CEILING TYPE. PROVIDE FRAME TYPE 1 FOR SURFACE MOUNT AND FRAME TYPE 3 FOR LAY-IN. FACE SIZE: 48"X24", 24"X24", 24"X12", 20"X20", 16"X16", OR 12"X12" AS SHOWN ON PLANS. VERIFY FACE SIZE WITH ARCHITECT AND ENGINEER. MAX NC: 25 DAMPER: NONE CONNECTION: RECTANGULAR SOUND BOOT PER DETAIL. SEE DETAIL SHEETS. PROVIDE LONGER EXTENSION THROUGH WALL IF SHOWN IN PLAN. APPLICATION: RETURN OR TRANSFER MINIMUM FREE AREA: 50%	
SWS1	TITUS 300	1	STYLE: LOUVERED FACE SIDEWALL GRILLE CONSTRUCTION: STEEL, HEAVY DUTY FINISH: POWDER COAT WITH COLOR SELECTED BY ARCHITECT MOUNTING: SURFACE MOUNT FACE SIZE: SEE PLANS. VERIFY FACE SIZE WITH ARCHITECT AND ENGINEER. CORE: REMOVABLE MAX NC: 25 DAMPER: NONE CONNECTION: RECTANGULAR OR ROUND OF SIZE SHOWN ON DRAWINGS. PROVIDE ADAPTER FITTINGS AS REQUIRED. APPLICATION: SUPPLY VANES/BLADES: 3/4" SPACING, ADJUSTABLE DOUBLE DEFLECTION, FRONT BLADES PARALLEL TO FLOOR. MINIMUM FREE AREA: 50%	

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MECHANICAL
SCHEDULES

M601

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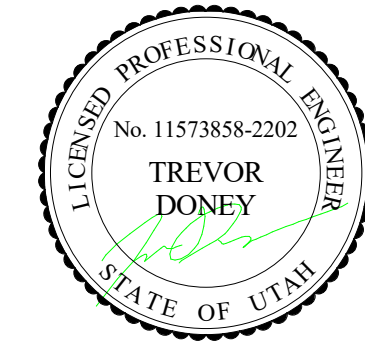


1 UNDERFLOOR PLUMBING PLAN
P100
1/4" = 1'-0"

KEYNOTES
1 CONNECT TO EXISTING 4" WASTE LINE. FIELD VERIFY EXACT SIZE, LOCATION AND ELEVATION OF EXISTING LINE PRIOR TO STARTING ANY WORK. I.E. OF NEW 4" LINE = 97'-2"



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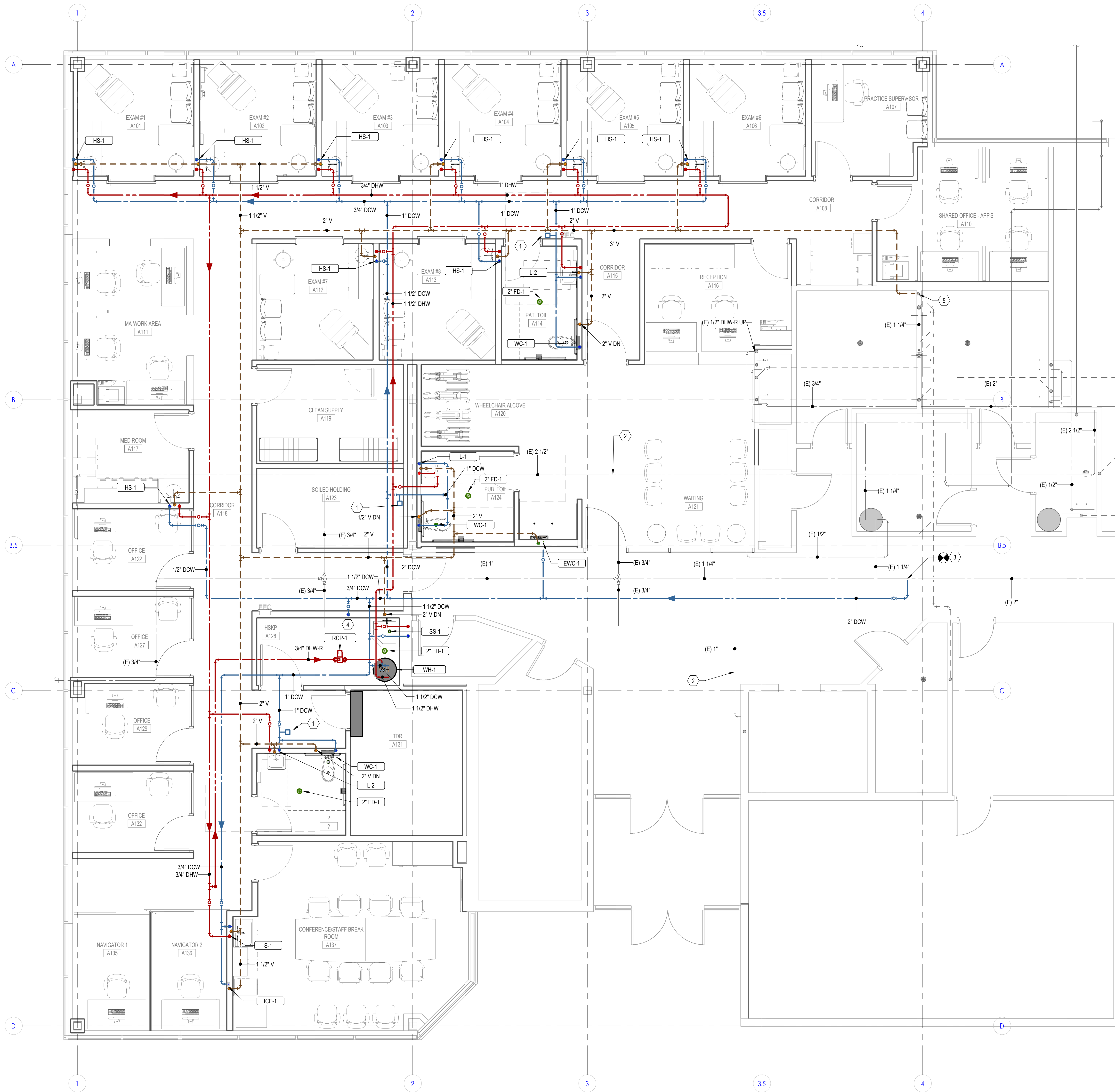
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UNDERFLOOR
PLUMBING
PLAN

P100

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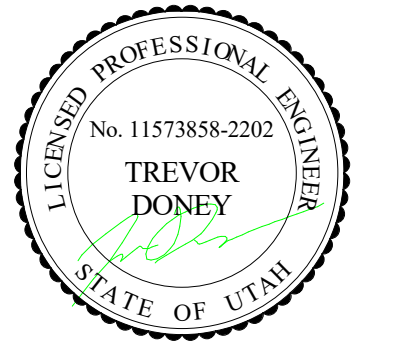
1 LEVEL 1 PLUMBING PLAN
1/4\"/>

KEYNOTES

- 1 WATER HAMMER ARRESTOR, TYP.
- 2 EXISTING ELEMENTS SHOWN LIGHT, TYP.
- 3 CONNECT TO EXISTING 2\"/>
- 4 STUB 3/4\"/>
- 5 CONNECT TO EXISTING 4\"/>

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LEVEL 1
PLUMBING
PLAN

P101



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PLUMBING FIXTURE SCHEDULE									
ID	FIXTURE	CW (IN)	HW (IN)	W (IN)	V (IN)	NOTES			
WC-1	ADA WATER CLOSET	1	-	4	2	WATER CLOSET: KOHLER K-80057 HIGHCLIFF VITREOUS CHINA, WATERSENSE LABELED, FLOOR MOUNTED, ELONGATED BOWL, 1-1/2" TOP SPUD, ADA TOILET WITH K-4670-C LUSTRA OPEN-FRONT SEAT. SLOAN 1.1 ULTRA LOW CONSUMPTION 1.1 GPF FLUSH VALVE, PROVIDE TOILET GRABBER FLUSH VALVE FILTER, COORDINATE SIZE WITH FLUSH VALVE, INSTALL ACTUATOR ON WIDE SIDE OF FIXTURE.			
L-1	LAVATORY	1/2	1/2	1 1/2	1 1/2	LAVATORY: KOHLER K-K-2005 VITREOUS CHINA WALL HUNG LAVATORY WITH 8" FAUCET CENTERS, WATERSENSE LABELED CHICAGO 786-GN2FC0KABCP FACUET, WITH WRIST BLADE HANDLES, RIGID/SWING GOOSENECK SPOUT WITH 0.5 GPM LAMINAR FLOW CONTROL IN SPOUT. CHICAGO 131-PMABRC THERMOSTATIC MIXING VALVE WITH ZURN MODEL 40XL2 CHECK VALVES ON HOT AND COLD LINES. FLEXIBLE STAINLESS STEEL SUPPLIES WITH WITH LOOSE KEY ANGLE STOPS. CHICAGO 327-XCP OPEN-GRID STRAINER AND CAST BRASS P-TRAP WITH CLEAN-OUT PLUG. SMITH 0700-Z CONCEALED ARM CHAIR CARRIER WITH FOOT SUPPORT.			
L-2	LAVATORY	1/2	1/2	1 1/2	1 1/2	LAVATORY: KOHLER K-2005 VITREOUS CHINA WALL HUNG LAVATORY WITH 8" FAUCET CENTERS, WATERSENSE LABELED CHICAGO 786-GN2FC0KABCP FACUET, WITH WRIST BLADE HANDLES, RIGID/SWING GOOSENECK SPOUT WITH 1.5 GPM LAMINAR FLOW CONTROL IN SPOUT. FLEXIBLE STAINLESS STEEL SUPPLIES WITH WITH LOOSE KEY ANGLE STOPS. CHICAGO 327-XCP OPEN-GRID STRAINER AND CAST BRASS P-TRAP WITH CLEAN-OUT PLUG. SMITH 0700-Z CONCEALED ARM CHAIR CARRIER WITH FOOT SUPPORT.			
HS-1	HAND WASH SINK	1/2	1/2	2	1 1/2	INTEGRAL WITH COUNTERTOP. PROVIDE CHICAGO 886-3170NGACABCP 4" CENTER ABOVE DECK GOOSENECK FAUCET WITH A GNDX RIGID/SWING CONVERTIBLE GOOSE NECK WITH 1.5 GPM FC LAMINAR FLOW CONTROL IN SPOUT AND PLAIN END SPOUT RING. PROVIDE FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS, JUST FLAT GRID STRAINER AND CAST BRASS P-TRAP WITH CLEAN-OUT PLUG.			
S-1	BREAKROOM SINK	1/2	1/2	1 1/2	1 1/2	SINK (STAINLESS STEEL, COUNTER MOUNTED, SINGLE COMPARTMENT) ELKAY LRA0252165 18 GA. TYPE 304 STAINLESS STEEL SINK,20" X 21-1/4" X 6-1/2" DEEP BASIN, SELF RIMMING, 8" CENTERS CENTER REAR OUTLET, DRILLING WITH JUST FLAT GRID STRAINER. CHICAGO 786-GN8FCABCP FACUET, WITH WRIST BLADE HANDLES, RIGID/SWING GOOSENECK SPOUT WITH 1.5 GPM LAMINAR FLOW CONTROL IN SPOUT. FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS, CAST BRASS P-TRAP WITH CLEAN-OUT PLUG.			
SS-1	SERVICE SINK	1/2	1/2	3	1 1/2	SERVICE SINK (FLOOR MOUNTED): KOHLER K6710, WHITEBY, 28 X 26-INCH, ENAMELED CAST IRON FLOOR-MOUNTED CORNER MODEL, K9146-3" DRAIN WITH STRAINER, NO. K8940 REMOVABLE VINYL-COATED RIM GUARD. CHICAGO 887-CP FAUCET WITH VACUUM BREAKER, SCREWDRIVER STOPS IN SHANKS, 5 FOOT RUBBER HOSE AND 8/3 WALL HOOK. INSTALLED IN CEILING ABOVE SERVICE SINK WITH ACCESS DOOR IF HARD CEILING. PROVIDE WATTS LFMMV THERMOSTATIC MIXING VALVE WITH WATTS # 7 DUAL CHECK VALVES ON HOT AND COLD LINES.			
ICE-1	WATER OUTLET	1/2	-	2	1 1/2	WATER OUTLET BOX: WATER-TITE B2148 WASHING MACHINE OUTLET BOX WITH DRAIN QUARTER TURN BALL VALVE WITH WATER HAMMER ARRESTOR FOR USE WITH ICE AND SODA MACHINE. INSTALL ONLY COLD WATER BALL VALVE. NOTCH COUNTERTOP BACK-SPLASH AND INSTALL OUTLET BOX DRAIN FLUSH WITH COUNTERTOP. PROVIDE WITH PVC TRAP.			
EW-1	ELECTRIC WATER COOLER	1/2	-	2	1 1/2	ELECTRIC WATER COOLER: ELKAY ED2001 ZST18WSSP DUAL STATION WALL MOUNTED WITH BOTTLE FILING STATION, BARRIER FREE, ADA ELECTRIC WATER COOLER WITH FLEXIBLE SAFETY BUBBLER, STAINLESS STEEL BOWLS AND CONTROL BUTTONS ON FRONT AND SIDES. COMPRESSOR TO BE 115V, 60 HZ WITH CAPACITY TO DELIVER AT LEAST 8.0 GPH OF 50°F WATER, 1-1/2" CAST BRASS CHROME-PLATED P-TRAPS. COORDINATE THE ADA SIDE WITH THE ARCHITECT.			
FD-1	FLOOR DRAIN	-	-	2	1 1/2	FLOOR DRAIN: SMITH FIGURE 2000Y-P050 FLOOR DRAIN WITH CAST IRON BODY AND FLASHING COLLAR WITH 6-INCH ROUND NICKEL BRONZE ADJUSTABLE STRAINER HEAD WITH SECURED GRATE. PROVIDE DEEP SEAL TRAP AND TRAP GUARD TYPE "TRAP SEAL DEVICE.			

(1) ALL UNDER GROUND WASTE AND VENT SHALL BE 2" OR GREATER PER DRAWINGS.

ELECTRIC WATER HEATER SCHEDULE									
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	RECOVERY RATE @ 100 F	ELECTRICAL		PHYSICAL		NOTES
				DELTA T	(KW)	V/PH	EFFICIENCY (%)	TANK SIZE (GAL)	
WH-1	A.O. SMITH DSE-20A	HSKP A128	TANK	25	6	208/3		20	43.25/22

DOMESTIC PUMP SCHEDULE												
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	PUMP				ELECTRICAL			PHYSICAL	
				FLOW RATE (GPM)	WORKING FLUID	HEAD LOSS (FT)	EFFICIENCY (%)	CONSTRUCTION	MOTOR SIZE (HP)	MOTOR BHP (HP)	MOTOR SPEED (RPM)	WEIGHT (LBS.)
RCP-1	TACO 015-SFMS	WATER ROOM	INLINE	5	WATER	10	55	BRONZE	1/20	-	-	115/1/60

DOMESTIC EXPANSION TANK SCHEDULE									
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	FLUID	MIN. TANK/ ACCEPTANCE	PHYSICAL	DIA./ HEIGHT (IN)	WEIGHT (LBS.)	NOTES
				WORKING FLUID	(GAL)	TANK SIZE (GAL)			
DET-1	B&G PT-12	MECH RM	DIAPHRAGM	WATER	3.2	4.4	11/15	9	3/4

1. TANK LINER SUITABLE FOR POTABLE WATER

Intermountain Health
Intermountain Kidney Services
Ogden Kidney Clinic

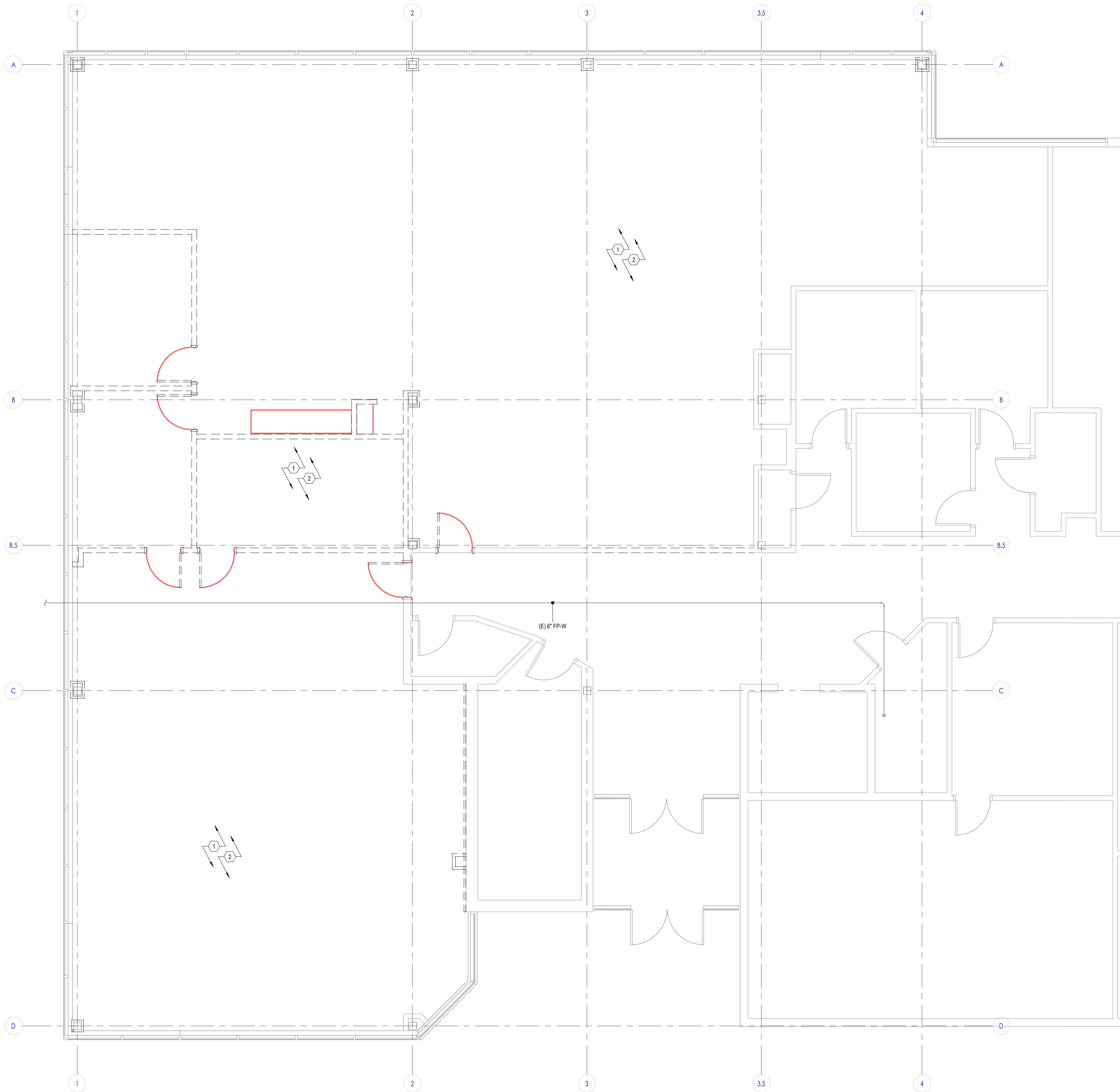
1100 Country Hills Drive
Ogden, Utah 84403

NJRA Project # 23244.00
Construction Documents Oct 8, 2024

PLUMBING
SCHEDULES

P601

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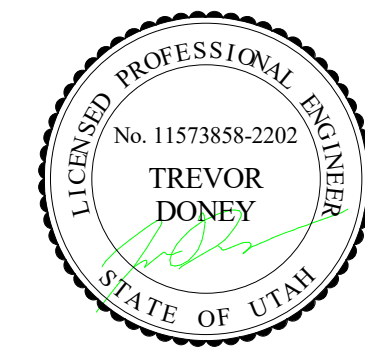


1
FD101
LEVEL 1 FIRE PROTECTION DEMOLITION PLAN
1/4\" = 1'-0"

- KEYNOTES**
1. EXISTING SPRINKLER HEADS SHALL BE REMOVED.
 2. THE CONTRACTOR SHALL FIELD VERIFY SPRINKLER LOCATIONS PRIOR TO DESIGN AND CONSTRUCTION.



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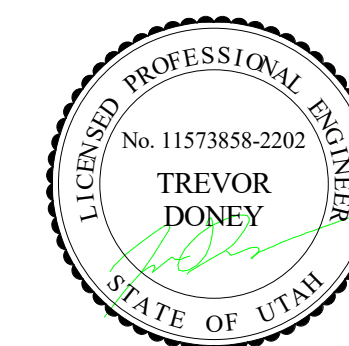
Intermountain Health
Intermountain Kidney Services
Ogden Kidney Clinic

1100 Country Hills Drive
Ogden, Utah 84403

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LEVEL 1 FIRE
PROTECTION
DEMOLITION
PLAN

FD101



Intermountain Health
Intermountain Kidney Services
Ogden Kidney Clinic

1100 Country Hills Drive
Orem, UT 84403

NJRA Project #	23244.00
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LEVEL 1 FIRE PROTECTION PLAN

F101

KEYNOTES

- 1 NEW SPRINKLER HEADS SHALL E PROVIDED TO PROTECT NEW BUILDING LAYOUT
- 2 NEW SPRINKLER PIPES SHALL BE CONNECTED TO EXISTING SPRINKLER SYSTEM
- 3 NEW SPRINKLER HEADS SHALL HAVE A FLAT PLATE CONCEALED ESCUTCHEON.
SPRINKLER HEADS TO BE CENTERED IN THE CEILING TILES WHERE THEY OCCUR
- 4 NEW SPRINKLER HEADS SHALL BE CONNECTED TO EXISTING SPRINKLER
CONNECTIONS IN ACCORDANCE WITH NFPA 13 SPRINKLER DENSITY
REQUIREMENTS.
- 5 WHERE SPRINKLER DENSITY DOES NOT MEET NFPA 13 STANDARDS, ADDITIONAL
SPRINKLER HEADS, AND ALL NECESSARY PIPING, SHALL BE PROVIDED AND
INSTALLED.



1 LEVEL 1 FIRE PROTECTION PLAN
F101 1/4" = 1'-0"

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
REFERENCE AND LINE SYMBOLS	
	DETAIL INDICATOR: A5 INDICATES DETAIL NUMBER, E-501 INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN.
	ELEVATION OR SECTION INDICATOR, INTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
	ROOM IDENTIFIER WITH ROOM NAME AND NUMBER.
	KEYNOTE INDICATOR.
	REVISION INDICATOR.
	EQUIPMENT INDICATOR.
	MECHANICAL EQUIPMENT INDICATOR. "X-X" INDICATES EQUIPMENT MARK SHOWN ON EQUIPMENT SCHEDULE. "XMDP" IDENTIFIES PANEL EQUIPMENT IS CIRCUITED TO. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
	BREAK, STRAIGHT: TO BREAK PARTS OF DRAWING
	BREAK, ROUND
	MATCH LINE INDICATOR: CENTER, EXTRA WIDE LINE.
	NEW LINE: MEDIUM LINE
	HIDDEN FEATURES LINE: HIDDEN, THIN LINE
	EXISTING TO REMAIN LINE: THIN LINE.
	DEMOLITION LINE: DASHED, MEDIUM LINE
	PROPERTY LINE: DASHED, WIDE LINE.
	CONTRACT LIMIT LINE: DASHDOT, WIDE LINE.
WIRING METHODS	
	WIRING.
	WIRINGS TURNED UP OR TOWARDS OBSERVER.
	WIRING TURNED DOWN OR AWAY FROM OBSERVER.
	SINGLE BRANCH CIRCUIT HOME RUN TO PANELBOARD WITH DEDICATED NEUTRAL CONDUCTOR. LETTER AND NUMBER NOTATION IDENTIFY PANEL AND CIRCUIT NUMBER.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS. NUMBER IN BOX REFERS TO THE CONDUCTOR AND CONDUIT SCHEDULE.
	LOW VOLTAGE WIRING: DIVIDE, MEDIUM LINE.
	CONDUCTOR & CONDUIT ("CC") SCHEDULE INDICATOR. REFER TO ONE-LINE DIAGRAM.
	ADA ACCESS PUSH PLATE
	JUNCTION BOX.
	JUNCTION BOX, CEILING.
	PULL BOX.
	CABLE TRAY ABOVE ACCESSIBLE CEILING. "A" DENOTES CABLE TRAY WIDTH, "B" DENOTES CABLETRAY DEPTH. "+/-C-D" DENOTES CABLE TRAY ELEVATION ABOVE OR BELOW FINISHED SURFACE.
	LADDER RACK.
	CABLE J-HOOKS ABOVE ACCESSIBLE CEILING.
	MECHANICAL EQUIPMENT CONNECTION. REFER TO EQUIPMENT SCHEDULE FOR REQUIREMENTS.
	GROUND BUSBAR. REFER TO GROUNDING RISER DIAGRAM FOR ADDITIONAL INFORMATION.

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
WIRING DEVICES	
	TAMPER RESISTANT RECEPTACLE, DUPLEX: NEMA 5-20R.
	TAMPER RESISTANT RECEPTACLE, DUPLEX, ABOVE COUNTER: NEMA 5-20R.
	TAMPER RESISTANT RECEPTACLE, DUPLEX, CEILING: NEMA 5-20R.
	TAMPER RESISTANT RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, DRINKING FOUNTAIN: CONCEAL WATER COOLER RECEPTACLE BEHIND WATER COOLER. SEE MECHANICAL/PLUMBING SHOP DRAWINGS FOR INSTALLATION REQUIREMENTS.
	TAMPER RESISTANT RECEPTACLE, DUPLEX, HOSPITAL GRADE: NEMA 5-20R.
	TAMPER RESISTANT RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R.
	TAMPER RESISTANT RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R.
	TAMPER RESISTANT RECEPTACLE, QUADRAPLEX: NEMA 5-20R.
	TAMPER RESISTANT RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 5-20R.
	TAMPER RESISTANT RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R.
	RECEPTACLE, SPECIAL PURPOSE. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG.
	MULTI-OUTLET ASSEMBLY: NEMA 5-20R.
	FLUSH FLOOR BOX. "F" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
	SWITCH, DIMMER.
	SWITCH, SINGLE POLE ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, DOUBLE POLE ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, THREE-WAY ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, FOUR-WAY ("X" INDICATES FIXTURES CONTROLLED).
	TAMPER RESISTANT RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R.
	TAMPER RESISTANT RECEPTACLE, DUPLEX, WITH USB OUTLET
TV DISTRIBUTION	
	TV DISTRIBUTION CABLE, INDIVIDUAL DROPS.
	TV DISTRIBUTION CABLE, TRUNK.
	COMBINER.
	DIRECTIONAL COUPLER.
	DISTRIBUTION AMPLIFIER (ONE-LINE DIAGRAM).
	SPLITTER (ONE-LINE DIAGRAM).
	TV OUTLET.
	TERMINATOR, 75 OHM (TV DISTRIBUTION).
	HDMI RECEPTACLE WITH SINGLE GANG BACKBOX AND 1 25' CONDUIT STUBBED TO ACCESSIBLE CEILING. PROVIDE 2 1 HDMI CABLE BETWEEN HDMI RECEPTACLES. "X" INDICATES QUANTITY OF HDMI PORTS WHEN GREATER THAN 1.

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
LIGHTING	
	FIXTURE IDENTIFICATION: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
	FIXTURE IDENTIFICATION: EMERGENCY LIGHTING FIXTURE WITH BATTERY PACK AND/OR GENERATOR AND/OR CENTRALIZED INVERTER AND/OR CENTRALIZED UPS CONNECTION AS INDICATED IN PLANS. (W-3E) INDICATES FIXTURE TYPE AS SCHEDULED.
	EGRESS DIRECTION ARROW (EXIT SIGNS).
	EXIT SIGN: SINGLE FACE; CEILING MOUNTED
	EXIT SIGN: SINGLE FACE; WALL MOUNTED
	EXIT SIGN: DOUBLE FACE; CEILING MOUNTED
	EXIT SIGN: DOUBLE FACE; WALL MOUNTED
LIGHTING CONTROL	
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
	PHOTOCELL.
	VACANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
	LOW VOLTAGE DIGITAL LIGHTING CONTROL SWITCH: LETTER "a,b" INDICATES ZONING WHERE SHOWN (REFER TO PLANS, SCHEDULES, AND DETAILS FOR EXACT BUTTON CONFIGURATION AND PROGRAMMING REQUIREMENTS)
	LOW VOLTAGE DIGITAL LIGHTING DIMMING CONTROL SWITCH: LETTER "a,b" INDICATES ZONING WHERE SHOWN (REFER TO PLANS, SCHEDULES, AND DETAILS FOR EXACT BUTTON CONFIGURATION AND PROGRAMMING REQUIREMENTS)
FIRE ALARM	
	FIRE ALARM ANNUNCIATOR PANEL.
	FIRE ALARM CONTROL PANEL, SEMI-RECESSED.
	FIRE ALARM TERMINAL CABINET, NAC, SLC, SPEAKER CIRCUITS; AMPLIFIERS, BATTERIES
	CONTROL MODULE.
	MONITOR MODULE.
	FIRE ALARM MANUAL PULL STATION.
	SHUT DOWN RELAY: INSTALL RELAY IN CONTROL CIRCUIT OF EQUIPMENT TO BE CONTROLLED IN THE EVENT OF A FIRE.
	MAGNETIC DOOR HOLDER.
	DETECTOR, SMOKE.
	DETECTOR, SMOKE, DUCT WITH HOUSING AND SAMPLING TUBE.
	SMOKE DAMPER: 120V POWER FROM ELECTRICAL SYSTEM.
	COMBINATION FIRE/SMOKE DAMPER, 120V POWER FROM ELECTRICAL SYSTEM.
	REMOTE ALARM INDICATING AND TEST SWITCH.
	STROBE, WALL MOUNTED.
	STROBE, WALL MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY.
	ALARM, HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, HORN/STROBE, ONE ASSEMBLY, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, HORN, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, STROBE, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
ELECTRICAL POWER AND DISTRIBUTION	
	FUSE WITH RATING (ONE-LINE DIAGRAM).
	DISCONNECT, FUSED (ONE-LINE DIAGRAM).
	DISCONNECT, NONFUSED (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, MOLDED CASE (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, MOLDED CASE WITH SHUNT TRIP (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, MOTOR CIRCUIT PROTECTION (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, ADJUSTABLE TRIP. "225AF" REPRESENTS THE RATING AND "150AT" REPRESENTS THE TRIP SETTING. (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, SOLID STATE (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, SOLID STATE WITH GROUND FAULT PROTECTION (ONE-LINE DIAGRAM).
	MOTOR.
	TRANSFORMER (ONE-LINE DIAGRAM).
	DISTRIBUTION PANELBOARD, MOTOR CONTROL CENTER, PLUG-IN BUSWAY, MEDIUM VOLTAGE SWITCHBOARD (ONE-LINE DIAGRAM).
	PANELBOARD (ONE-LINE DIAGRAM).
	PANELBOARD WITH MAIN LUGS ONLY. BUS SIZE AND PHASE AS SHOWN (ONE-LINE DIAGRAM).
	PANELBOARD WITH MAIN CIRCUIT BREAKER. SIZE AND PHASE AS SHOWN (ONE-LINE DIAGRAM).
	PANELBOARD WITH MAIN AND SUB FEED CIRCUIT BREAKER (ONE-LINE DIAGRAM).
	PANELBOARD WITH MAIN LUGS ONLY AND SURGE PROTECTION WITH CIRCUIT BREAKER (ONE-LINE DIAGRAM).
	PANELBOARD WITH SUB FEED LUGS (ONE-LINE DIAGRAM).
	PANELBOARD WITH CIRCUIT BREAKER AND SUB FEED LUGS (ONE-LINE DIAGRAM).
	DIGITAL MULTIMETER (ONE-LINE DIAGRAM).
	EARTH GROUND (ONE-LINE DIAGRAM).
	SERVICE ENTRANCE SURGE PROTECTION (ONE-LINE DIAGRAM).
	METER.
	DISCONNECT SWITCH, FUSED.
	DISCONNECT SWITCH, UNFUSED.
	STARTER, COMBINATION WITH DISCONNECT SWITCH.
	STARTER OR MOTOR CONTROLLER.
	PANELBOARD CABINET, FLUSH MOUNTED.
	PANELBOARD CABINET, SURFACE MOUNTED, 1 SECTION.
	PANELBOARD CABINET, SURFACE MOUNTED, 2 SECTION.
	DISTRIBUTION PANEL OR SWITCHBOARD.
	LIGHTING RELAY, CONTACTOR PANEL, OR DIMMING ENCLOSURE.
	SWITCH, TOGGLE MOTOR STARTER WITH OVERLOAD PROTECTION.
	TRANSFORMER (SEE ONE-LINE FOR SIZE)

ABBREVIATIONS	
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.	
1P	SINGLE POLE
1PH	SINGLE-PHASE
1WAY	ONE-WAY
2/C	TWO-CONDUCTOR
2WAY	TWO-WAY
3/C	THREE-CONDUCTOR
3WAY	THREE-WAY
4OUT	QUADRUPLE RECEPTACLE OUTLET
4PDT	FOUR-POLE DOUBLE THROW
4PST	FOUR-POLE SINGLE THROW
4W	FOUR-WIRE
4WAY	FOUR-WAY
AC	ABOVE COUNTER
AC	ARMORED CABLE
ACS	ACCESS CONTROL SYSTEM
ADA	AMERICANS WITH DISABILITIES ACT
ADJ	ADJACENT
AFB	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AC	AMPERE INTERRUPTING CAPACITY
ALUM	ALUMINUM
AMP	AMPERE
ANN	ANNUNCIATOR
AP	ACCESS POINT (WIRELESS DATA)
AR	AS REQUIRED
ASC	AMPS SHORT CIRCUIT
ATS	AUTOMATIC TRANSFER SWITCH
AV	AUDIO VISUAL
AWG	AMERICAN WIRE GAGE
BB	BUCK-BOOST TRANSFORMER
BFMR	BELOW FINISHED FLOOR
BFG	BELOW FINISHED GRADE
C	CEILING MOUNTED
CAT	CATEGORY
CATV	COMMUNITY ANTENNA TELEVISION
CB	CIRCUIT BREAKER
OCBA	CUSTOM COLOR AS SELECTED BY ARCHITECT
CCTV	CLOSED CIRCUIT TELEVISION
CF/CI	CONTRACTOR FURNISHED/ CONTRACTOR INSTALLED
CF/IO	CONTRACTOR FURNISHED/ OWNER INSTALLED
CFBA	CUSTOM FINISH AS SELECTED BY ARCHITECT
CI	CONTACT INDICATOR
CKT	CIRCUIT
CM	CONSTRUCTION MANAGER
CND	CONDUIT
CO	CONVENIENCE OUTLET
COR	CONTRACTING OFFICER'S REPRESENTATIVE
CP	CONTROL PANEL
CR	CARD READER
CT	CURRENT TRANSFORMER
CTV	CABLE TELEVISION
CU	COPPER
dba	UNIT OF SOUND LEVEL
DPDT	DOUBLE POLE, DOUBLE THROW
DS	DISCONNECT SWITCH
EN	ENHANCED
EA	EACH
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
ENT	ELECTRIC NONMETALLIC TUBING
EPO	EMERGENCY POWER OFF
EQUIP	EQUIPMENT
ER	EQUIPMENT ROOM
EX	EXISTING
F	FURNITURE MOUNTED
FA	FIRE ALARM
FCP	FIRE ALARM CONTROL PANEL
FLA	FULL LOAD AMPS
FMC	FLEXIBLE METAL CONDUIT
FNB	FREIGHT ON BOARD
FPP	FIBER PATCH PANEL
FVR	FULL VOLTAGE NON-REVERSING
GEN	GENERATOR
GFI	GROUND FAULT INTERRUPTER
GFP	GROUND FAULT PROTECTION
GIG	GIGA HERTZ
HD	HEAVY DUTY
HID	HIGH INTENSITY DISCHARGE
HOA	HAND-OFF-AUTOMATIC
HP	HORSE POWER
HPF	HIGH POWER FACTOR
HPS	HIGH PRESSURE SODIUM
HV	HIGH VOLTAGE
HWM	HORIZONTAL WIRE MANAGEMENT
HZ	HERTZ
IO	INPUT/ OUTPUT
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
INIS	INSULATED/ ISOLATED
IR	INFRARED
J-BOX	JUNCTION BOX
kV	KILOVOLT
kVA	KILOVOLT AMPERE
kVAR	KILOVOLT AMPERE REACTIVE
kW	KILOWATT
kWH	KILOWATT HOUR
LWD	LIGHT EMITTING DIODE
LFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
LFNC	LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT
LPS	LOW PRESSURE SODIUM
LRA	LOCKED ROTOR AMPS
LTG	LIGHTING
LV	LOW VOLTAGE
MATV	MASTER ANTENNA TELEVISION SYSTEM
MAX	MAXIMUM
MC	METAL CLAD
MCA	MINIMUM CIRCUIT AMPS
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCP	MOTOR CIRCUIT PROTECTION
MCP	MAIN DISTRIBUTION PANEL
MG	MOTOR GENERATOR
MH	MANHOLE
MIN	MINIMUM
ALO	MAIN LUGS ONLY
MOCP	MAXIMUM OVERCURRENT PROTECTION
MTS	MANUAL TRANSFER SWITCH
NA	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFC	NATIONAL FIRE CODE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OC	ON CENTER
OCF	OVER CURRENT PROTECTION
OE	OWNER ELECTRONICS
OF/CI	OWNER FURNISHED/ CONTRACTOR INSTALLED
OF/IO	OWNER FURNISHED/ OWNER INSTALLED
OPF	OBTAIN FROM PLANS
OH DR	OVERHEAD (COILING) DOOR
OL	OVERLOAD
PB	PUSHBUTTON
PF	POWER FACTOR
PH	PHASE
PNL	PANEL
PNM	PLENUM
PR	PAIR
PS	POWER SUPPLY
PT	POTENTIAL TRANSFORMER
PTZ	PANTILT/zoom
PV	PHOTO VOLTAIC
QTY	QUANTITY
RA	RAISE
RCP	REFLECTED CEILING PLAN
RMC	RIGID METAL CONDUIT
RNC	RIGID NONMETAL CONDUIT
RO	REMOTE DOOR OPEN
RPM	REVOLUTIONS PER MINUTE
RPP	RISER PATCH PANEL
RR	REMOVE AND RELOCATE
SIS	START/STOP
SCA	SHORT CIRCUIT AMPS
SCBA	STANDARD COLOR AS SELECTED BY ARCHITECT
SF	SQUARE FOOT (FEET)
SFBA	STANDARD FINISH AS SELECTED BY ARCHITECT
SPD	SURGE PROTECTIVE DEVICE
SPDT	SINGLE POLE, DOUBLE THROW
SPEC	SPECIFICATION
SPP	STATION PATCH PANEL
SPST	SINGLE POLE, SINGLE THROW
ST	SINGLE THROW
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TL	TWIST LOCK
TP	TELEPHONE POLE
TP	TWISTED PAIR
TR	TELECOMMUNICATIONS ROOM
TB	TELEPHONE TERMINAL BOARD
TV	TELEVISION
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSER
TYP	TYPICAL
UF	UNDERFLOOR
UGND	UNDERGROUND
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VOLTS
VA	VOLT AMPERE
VFC/VF	VARIABLE FREQUENCY MOTOR CONTROLLER
D	VIDEO INTERCOM SYSTEM
VIC	VIDEO SURVEILLANCE SYSTEM
VSM	VERTICAL WIRE MANAGEMENT
W	WITH
W/O	WITHOUT
WP	WEATHERPROOF
WPP	WIRELESS PATCH PANEL
XFMR	TRANSFORMER

GENERAL ELECTRICAL NOTES	
1.	CLARIFICATION METHODS: AT THE TIME OF BIDDING, BIDDERS SHALL FAMILIARIZE THEMSELVES WITH THE DRAWINGS AND SPECIFICATIONS. ANY QUESTIONS, MISUNDERSTANDINGS, CONFLICTS, DELETIONS, DISCONTINUED PRODUCTS, CATALOG NUMBER DISCREPANCIES, DISCREPANCIES BETWEEN THE EQUIPMENT SUPPLIED AND THE INTENT OR FUNCTION OF THE EQUIPMENT, ETC. SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER IN WRITING FOR CLARIFICATION PRIOR TO ISSUANCE OF THE FINAL ADDENDUM AND CLOSURE OF THE PROJECT. WHERE DISCREPANCIES OR MULTIPLE INTERPRETATIONS OCCUR, THE MOST STRINGENT (WHICH IS GENERALLY RECOGNIZED AS THE MOST COSTLY) THAT MEETS THE INTENT OF THE DOCUMENTS SHALL BE ENFORCED.
2.	OWNER FURNISHED ITEMS: THE OWNER WILL FURNISH MATERIAL AND EQUIPMENT AS INDICATED IN THE CONTRACT DOCUMENTS TO BE INCORPORATED INTO THE WORK. THESE ITEMS ARE ASSIGNED TO THE INSTALLER AND COSTS FOR RECEIVING, HANDLING, STORAGE, IF REQUIRED, AND INSTALLATION ARE INCLUDED IN THE CONTRACT SUM. A. THE INSTALLER'S RESPONSIBILITIES ARE THE SAME AS IF THE INSTALLER FURNISHED THE MATERIALS OR EQUIPMENT. B. THE OWNER WILL ARRANGE AND PAY FOR DELIVERY OF OWNER FURNISHED ITEMS FREIGHT ON BOARD JOB SITE AND THE INSTALLER WILL INSPECT DELIVERIES FOR DAMAGE. IF OWNER FURNISHED ITEMS ARE DAMAGED, DEFECTIVE OR MISSING, DOCUMENT DAMAGED ITEMS WITH THE TRANSPORT COMPANY AND THE OWNER WILL ARRANGE FOR REPLACEMENT. THE OWNER WILL ALSO ARRANGE FOR MANUFACTURER'S FIELD SERVICES, AND THE DELIVERY OF MANUFACTURER'S WARRANTIES AND BONDS TO THE INSTALLER. C. THE INSTALLER IS RESPONSIBLE FOR DESIGNATING THE DELIVERY DATES OF OWNER FURNISHED ITEMS AND FOR RECEIVING, UNLOADING AND HANDLING OWNER FURNISHED ITEMS AT THE SITE. THE INSTALLER IS RESPONSIBLE FOR NOTIFYING THE OWNER OF ANY DAMAGE TO THE ITEMS, DAMAGE, INCLUDING DAMAGE FROM EXPOSURE TO THE ELEMENTS, AND TO REPAIR OR REPLACE ITEMS DAMAGED AS A RESULT OF HIS OPERATIONS.
3.	EXPOSED STRUCTURE AREAS (EXCLUDING MECHANICAL, ELECTRICAL, AND COMMUNICATION SPACES): INSTALL RACEWAYS BETWEEN DECK AND STRUCTURE WHEREVER POSSIBLE IN EXPOSED STRUCTURE CEILING AREAS. ROUTE RACEWAYS IN CONCEALED AREAS WHEREVER POSSIBLE. REFER ALL CONDITIONS WHERE RACEWAYS MUST BE INSTALLED WHICH CANNOT COMPLY WITH THESE REQUIREMENTS TO THE ARCHITECT.
4.	SUBMITTALS: PROVIDE ORIGINAL ELECTRONIC PDF FORMAT, BOUND, BOOKMARKED (EACH SECTION AND PRODUCT), AND HIGHLIGHTED. JOB NAME AND SUBCONTRACTOR SHALL BE ON THE FRONT COVER. PREPARE INDEX OF EQUIPMENT SUBMITTED IN EACH TAB.
5.	REFLECTED CEILING PLANS: COORDINATE THE LOCATION OF LIGHT FIXTURES WITH THE ARCHITECTURAL REFLECTED CEILING PLANS. REFER ALL DISCREPANCIES TO THE ARCHITECT AND ENGINEER.
6.	ALL WORK SHALL BE DONE ACCORDING TO THE CURRENT NATIONAL ELECTRIC CODE (NEC), IBC, NFPA, AND IFC. COMPLIANCE AND FINAL APPROVAL IS SUBJECT TO THE ON SITE FIELD INSPECTION OF THE AHJ.

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.	
APPROVED: 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, PACKING, ANCHORING, APPLYING, INSTALLATION, FINISHING, 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...	

ELECTRICAL SHEET INDEX	
EE001	ELECTRICAL COVER SHEET
EE002	TELECOM SCHEDULES AND NOTES
EE003	AUXILIARY SCHEDULES AND NOTES
EE101	OVERALL ELECTRICAL PLANS
EE102	OVERALL ELECTRICAL PLANS
EE501	ELECTRICAL DETAILS
EE701	TYPICAL MOUNTING DETAILS
EE702	TYPICAL LABELING DETAILS
ED101	LEVEL 1 ELECTRICAL DEMOLITION PLAN
ED102	LEVEL 1 ELECTRICAL CEILING DEMOLITION PLAN
EP101	LEVEL 1 POWER PLAN
EP201	LEVEL 1 ELECTRICAL RACEWAY PLAN
EP450	ENLARGED TELECOM PLANS
EP550	TELECOM EQUIPMENT RACK ELEVATIONS
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EP553	TELECOM CABLE TRAY DETAILS
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EP601	PARTIAL ONE-LINE DIAGRAM
EP602	EQUIPMENT SCHEDULE
EP603	PANEL SCHEDULES
EP604	PANEL SCHEDULES
EP650	TELECOM RISER DIAGRAMS
EL101	LEVEL 1 LIGHTING PLAN
EL601	INTERIOR LIGHTING FIXTURE SCHEDULE
EY101	LEVEL 1 AUXILIARY PLAN
EY551	AUXILIARY DETAILS
EY601	FIRE ALARM RISER DIAGRAMS
EY650	ACCESS CONTROL RISER DIAGRAMS
EY651	CCTV RISER DIAGRAMS
EY652	NURSE CALL DIAGRAMS
EY701	CAMERA FOVS



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CATEGORY INSERT COLOR SCHEDULE	
INSERT COLOR	TYPE/ APPLICATION
BLACK	TV COAX
BLUE	ANALOG PHONE
BLUE	DATA
BLUE	SECURITY CAMERAS
ORANGE	NURSE CALL
RED	FORESEER
YELLOW	WIRELESS

DATA PATCH CORD SCHEDULE		
(CATEGORY 6A F/UTP CABLES W/ RJ-45 CONNECTORS)		
LENGTH (FEET)	COLOR	QUANTITY
3	BLUE	10% OF TOTAL PORTS IN TDR'S
5	BLUE	30% OF TOTAL PORTS IN TDR'S
7	BLUE	45% OF TOTAL PORTS IN TDR'S
10	BLUE	10% OF TOTAL PORTS IN TDR'S
20	BLUE	5% OF TOTAL PORTS IN TDR'S

WIRELESS PATCH CORD PATCH CORD SCHEDULE		
(CATEGORY 6A F/UTP W RJ/ 45 CONNECTORS)		
LENGTH (FEET)	COLOR	QUANTITY
5	YELLOW	33% OF TOTAL PORTS IN TDR'S
7	YELLOW	33% OF TOTAL PORTS IN TDR'S
10	YELLOW	33% OF TOTAL PORTS IN TDR'S

NURSE CALL PATCH CORD SCHEDULE		
(CATEGORY 6 CABLES W/ RJ-45 CONNECTORS)		
LENGTH (FEET)	COLOR	QUANTITY
5	ORANGE	15
7	ORANGE	15
10	ORANGE	15

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 OTHERWISE SPECIFIED. 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 F/UTP PLENUM RATED, BLUE, DATA	SIEMON 9A6P4-A5-06-R1A
	STATION CABLE, DATA - CATEGORY 6A F/UTP, PLENUM RATED, YELLOW, WIRELESS	SIEMON 9A6P4-A5-05-R1A
	STATION CABLE, DATA - CATEGORY 6 UTP, PLENUM RATED, ORANGE, NURSE CALL	SIEMON 9C6P4-E4-09-RBA
	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION	SIEMON 10GMX-FPS04-02
	NOTE: FOR FLOOR BOX APPLICATIONS ONLY, USE DECORA FRAME	SIEMON MX-D4Z-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	BLANK INSERT, WHITE	SIEMON MX-BL-02
	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION	SIEMON 10GMX-FPS04-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	DATA OUTLET, SURFACE MOUNT BOX, WHITE, 2 POSITION	SIEMON MX-SM2Z-02
	CATEGORY 6A JACK - DATA, YELLOW	SIEMON Z6A-S05
	DATA OUTLET, SURFACE MOUNT BOX, WHITE, 1 POSITION	SIEMON MX-SMZ1-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	48 PORT, 1RU ANGLED PATCH PANEL W/ OUTLETS - DETACHABLE REAR MANAGER	SIEMON Z6AS-PA-48
	48 PORT, 2RU ANGLED PATCH PANEL W/ OUTLETS	SIEMON UP6-A2-48L-RS
	PATCH CABLE, CATEGORY 6A SHIELDED, BLUE, 3 FOOT	SIEMON SP6A-S03-06
	PATCH CABLE, CATEGORY 6, ORANGE, 5 FOOT - NURSE CALL ONLY	SIEMON MC6-05-09-28
	PATCH CABLE, CATEGORY 6, ORANGE, 7 FOOT - NURSE CALL ONLY	SIEMON MC6-07-09-28
	PATCH CABLE, CATEGORY 6, ORANGE, 10 FOOT - NURSE CALL ONLY	SIEMON MC6-10-09-28
	PATCH CABLE, FIBER, SINGLE-MODE DUPLEX W/ LC CONNECTORS, YELLOW, (XX)-LENGTH IN METERS	SIEMON FJ2-LCULCUL-(XX)
	PATCH CABLE, FIBER, MULTIMODE DUPLEX W/ LC CONNECTORS, AQUA, (XX)-LENGTH IN METERS	SIEMON FJ2-LCULCUL-(XX)AQ
	HORIZONTAL WIRE MANAGERS, FRONT ONLY, 2RU, BLACK	PANDUIT PR2HF2
	VERTICAL WIRE MANAGERS, 10" WIDTH, 8 FEET HIGH, DOUBLE SIDED, BLACK	CHATSWORTH 40096-715
	EQUIPMENT RACK 19" WIDTH, 8 FEET HIGH, 52 RU, BLACK	CHATSWORTH 55053-715
	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
	18" TRIANGLE BRACKETS, BLACK	CHATSWORTH 11746-718
	24" TRIANGLE BRACKETS, BLACK	CHATSWORTH 11746-724
	END CLOSING KIT, CABLE RUNWAY, BLACK	CHATSWORTH 11700-724
	18" WALL ANGLE SUPPORT KIT, CABLE RUNWAY, BLACK	CHATSWORTH 11421-718
	24" WALL ANGLE SUPPORT KIT, CABLE RUNWAY, BLACK	CHATSWORTH 11421-724
	CABLE RUNWAY ELEVATION KIT, 6"	CHATSWORTH 10506-705
	CABLE RUNWAY RADIUS DROP	CHATSWORTH 12100-712
	CABLE BASKET TRAY, GALVANIZED (REFER TO FLOOR PLANS FOR CABLE TRAY SIZING)	CABLOFIL, LEGRAND, WBT, OR COOPER B-LINE
	TRIPLE-TREE J-HOOKS	CADDY CAT64HP8WM3
	PLYWOOD BACKBOARD, 3/4"x4"x8", GRADE AC, FIRE-TREATED & PAINTED WHITE (MOUNT 6" AFF)	
	TELECOMMUNICATIONS MAIN GROUNDING BUS BAR	
	TELECOMMUNICATIONS GROUNDING BUS BAR	

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

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 PULL SPECIFIED, COIL 15 FEET OF EXCESS CABLE AT THE STATION END FOR FUTURE USE. NEATLY COIL 15 FEET ABOVE THE CEILING OR BELOW THE 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 THERE IS A SYSTEM THAT HAS NO RACK SPACE AVAILABLE, PLEASE CALL BOE SAUSAEDO AT 801-707-3805.
- COORDINATE WITH ALL SUB-CONTRACTORS TO ENSURE THAT ALL CABLES ARE PROTECTED FROM ANY DIRECT PAINT OR INCIDENTAL OVERSPRAY.
- CONTRACTOR TO PROVIDE FIRE-RATED SLEEVES THROUGH 1-HOUR RATED WALLS AND HIGHER. NUMBER OF SLEEVES TO BE DETERMINED AND CALCULATED BY MAXIMUM CABLE TRAY CAPACITY AT WALL PENETRATION. FINAL QUANTITY OF SLEEVES TO BE DETERMINED BY CONTRACTOR.
- CONTRACTOR TO PROVIDE SMOKE AND ACOUSTICAL-RATED SLEEVES THROUGH SMOKE WALLS AND ALL OTHER NON-RATED PENETRATIONS. (2) 4" SLEEVES PER ROOM FOR CABLE CAPACITY AND SERVICE SEPARATION. FINAL QUANTITY OF SLEEVES TO BE DETERMINED BY CONTRACTOR.
- CONTRACTOR TO PROVIDE FIRE-RATED SLEEVES THROUGH 1-HOUR RATED WALLS AND HIGHER. (1) SLEEVE PER J-HOOK PATHWAY FOR CABLE CAPACITY AND SERVICE SEPARATION.
- CONTRACTOR TO PROVIDE SMOKE AND ACOUSTICAL-RATED SLEEVES THROUGH SMOKE WALLS AND ALL OTHER NON-RATED PENETRATIONS. (1) SLEEVE PER J-HOOK PATHWAY FOR CABLE CAPACITY AND SERVICE SEPARATION.
- THE USE OF CABLE TIES IS NOT ALLOWED TO BUNDLE CABLES (LACE OR TRAIN) IN LADDER RACK, CABLE TRAY, OR TO FINAL TERMINATION POINT. CONTRACTOR SHOULD UTILIZE "HOOK AND LOOP" FOR BUNDLING OF ALL CABLES.
- THE USE OF CABLE TIES IS NOT ALLOWED FOR THE SUPPORT OF CABLE, OR THE ATTACHMENT OF CABLES IN ANY CEILING SPACE. THE USE OF J-HOOKS IS REQUIRED FOR NON-CONTINUOUS PATHWAYS IN CEILINGS. CONTRACTORS SHOULD UTILIZE "HOOK AND LOOP" FOR BUNDLING OF ALL CABLES.



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Intermountain Health
Intermountain Kidney Services
Ogden Kidney Clinic

1100 Country Hills Drive
Ogden, Utah 84403


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Construction Documents Oct 8, 2024

TELECOM
SCHEDULES
AND NOTES


EE002


SYMBOL SCHEDULE			
SYMBOL	DESCRIPTION	ROUGH-IN REQUIREMENTS	NOTES
	ACCESS CONTROL SYSTEM HEAD END	SEE EY651	
	CARD READER	4SQ J-BOX W/ SINGLE GANG MUD RING AT 40" AFF; SEE EY651	
	SURVEILLANCE CAMERA	SEE CAMERA SCHEDULE EE003	SEE EP SHEETS FOR CABLING
	MULTI-IMAGER CAMERA	SEE CAMERA SCHEDULE EE003	SEE EP SHEETS FOR CABLING
	PANORAMIC 360/180 CAMERA	SEE CAMERA SCHEDULE EE003	SEE EP SHEETS FOR CABLING
	DOOR LOCK TYPE (NO LETTER) - GENERIC LOCK (M) - MAG LOCK (L) - LEVER SET LOCK (T) - ELECTRIC TRANSFER HINGE (S) - ELECTRIC STRIKE LOCK (C) - CRASH BAR LOCK (O) - OPERATOR LOCK (G) - GATE	SEE DOOR ROUGH IN DETAIL EY650 RED INDICATES LOCK TO BE PROVIDED BY SEC CONTRACTOR BASED UPON DOOR HARDWARE SCHEDULE	
	DOOR CONTACT INDICATOR	SEE DOOR ROUGH IN DETAIL EY650	
	REQUEST TO EXIT DEVICE (NO LETTER) - GENERIC REX (M) - MOTION REX (L) - LEVER SET REX (C) - CRASH BAR REX (D) - DELAYED EGRESS REX	SEE DOOR ROUGH IN DETAIL EY650	
	PB PANIC BUTTON		

GENERAL PROJECT NOTES	
1	PROVIDE PLENUM RATED CABLE FOR ALL SPECIFIED CABLE.
2	LABEL ALL CABLE INSTALLED UNDER THIS CONTRACT REGARDLESS OF LENGTH. ACCORDING TO WRITTEN SPECIFICATION.
3	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.
4	COORDINATE WITH ALL SUBS TO ENSURE THAT ALL CABLE SHALL BE PROTECTED FROM ANY DIRECT PAINT OR INCIDENTAL OVERSPRAY.
5	CONTRACTOR SHALL REVIEW ALL DOOR HARDWARE ROUGH-IN INFORMATION AGAINST THE DOOR HARDWARE SPECIFICATION AND DOOR HARDWARE SCHEDULE TO VERIFY DOOR ROUGH-IN PRIOR TO CONSTRUCTION.



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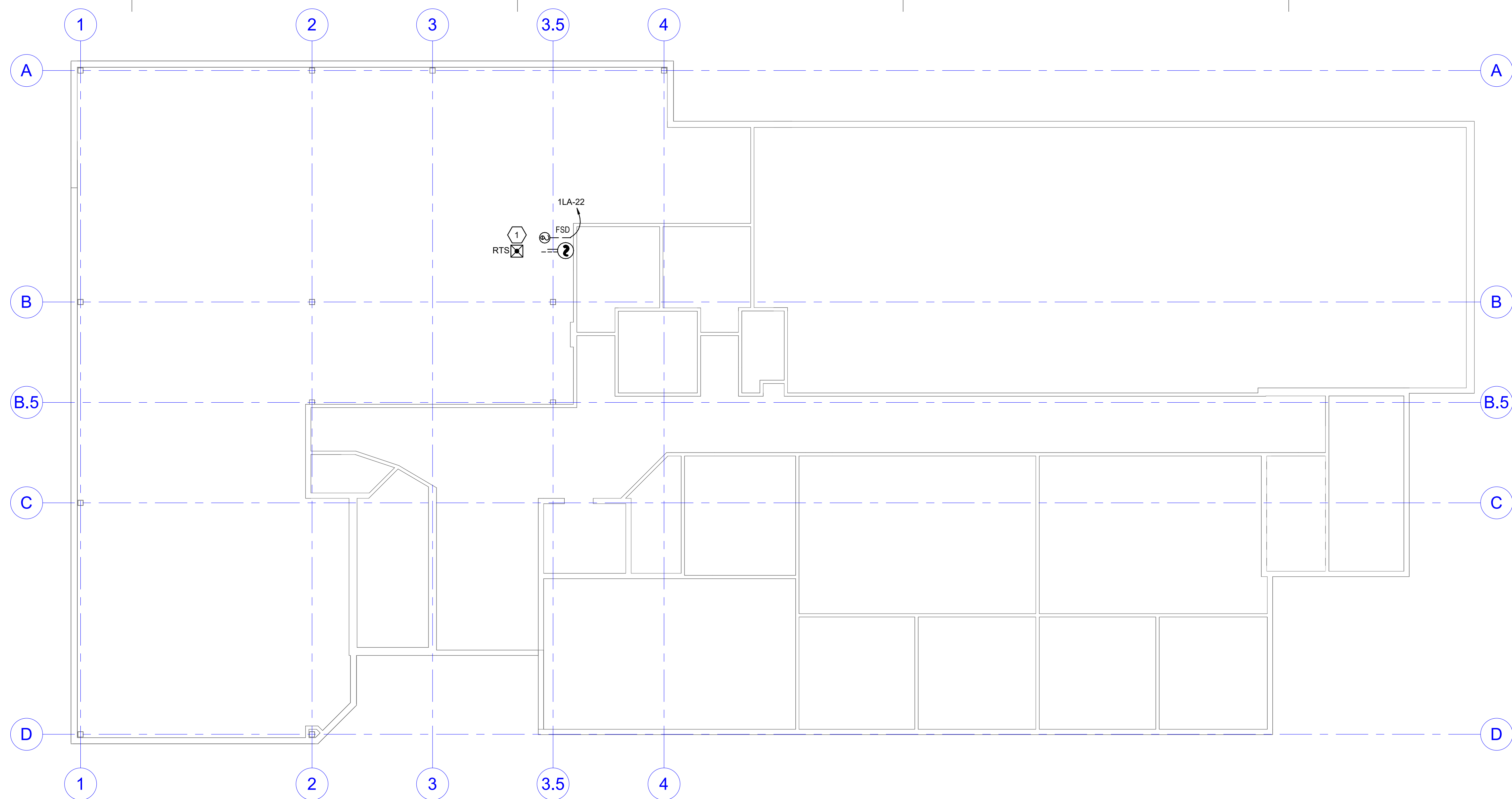


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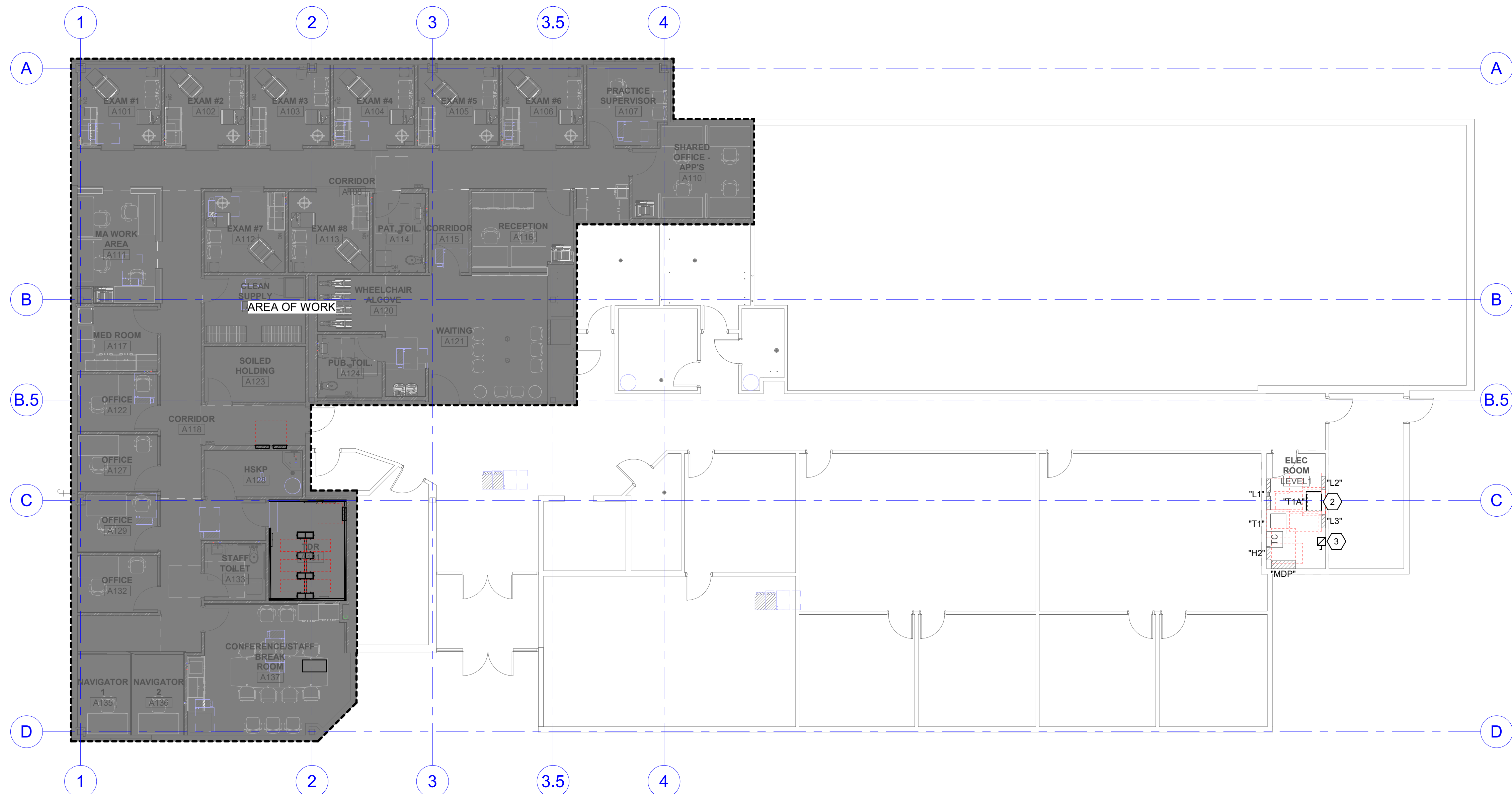
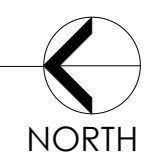
SECURITY CAMERA SCHEDULE									
NOTES: * CAMERA HAS CAPABILITY OF AUDIO OR NO AUDIO					GENERAL NOTES: 1. ELECTRICAL CONTRACTOR SHALL REVIEW OTHER DIVISION DRAWINGS FOR ANY ADDITIONAL REQUIREMENTS PRIOR TO BID. 2. ELECTRICAL CONTRACTOR SHALL REVIEW OTHER DIVISION SUBMITTALS FOR ANY EQUIPMENT REQUIRING CONNECTION BY ELECTRICAL CONTRACTOR AND COORDINATE ALL REQUIREMENTS PRIOR TO ROUGH-IN.				
ID	DESCRIPTION	IR	WDR	AUDIO	VANDAL	LOCATION	IP RATING	MANUFACTURER (SERIES)	NOTES
FC	TYPE: 6 MP PANORAMIC MOUNTING: CEILING FOCAL LENGTH: 1.56mm RESOLUTION: 2016 x 2016* FRAME RATE: 25/30 OPTIONS: NONE	YES	YES	YES*	IK10	INDOOR/OUTDOOR	IP66	AXIS - P3077 - PLEV	
MC	TYPE: MULTI IMAGER MOUNTING: CEILING FOCAL LENGTH: 3 - 6mm RESOLUTION: (4) 2560x1440 FRAME RATE: 25/30 OPTIONS: NONE	NO	NO	NO*	IK09	INDOOR/OUTDOOR	IP66	AXIS - P3719 - PLE	
XCI	TYPE: 3 MP FIXED MOUNTING: CEILING FOCAL LENGTH: 2.4mm RESOLUTION: 2888 x 1512 FRAME RATE: 25/30 OPTIONS: NONE	NO	YES	NO*	IK08	INDOOR	IP42	AXIS - M3085 - V	
XSWI	TYPE: 4 MP FIXED MOUNTING: WALL FOCAL LENGTH: 2.4mm RESOLUTION: 2888 x 1512 FRAME RATE: 25/30 OPTIONS: NONE	NO	YES	NO*	IK08	INDOOR	IP42	AXIS - M3085 - V	

Intermountain Health
Intermountain Kidney Services
Ogden Kidney Clinic

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2 LEVEL 2 OVERALL ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"



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



GENERAL SHEET NOTES

1 PROVIDE LABELS ON ALL NEW DEVICES PER PROJECT SPECIFICATIONS CONFORMING WITH DIVISION 26 SPECIFICATIONS FOR IDENTIFICATION OF ELECTRICAL EQUIPMENT AND INTERMOUNTAIN'S DIVISION 27 SPECIFICATIONS PRIOR TO SUBSTANTIAL COMPLETION.

SHEET KEYNOTES

- 1 MOUNT REMOTE TEST SWITCH IN ACCESSIBLE LOCATION ADJACENT TO FIRE/SMOKE DAMPER.
- 2 TRAPEZE MOUNT TRANSFORMER "T1A" ABOVE EXISTING TRANSFORMER IN INDICATED LOCATION.
- 3 PROVIDE FUSED DISCONNECT SWITCH FOR TRANSFORMER "T1A" SECONDARY FEEDER WITHIN 10'-0" OF TRANSFORMER SECONDARY TAPS. REFER TO ONE-LINE DIAGRAM FOR MORE INFORMATION.



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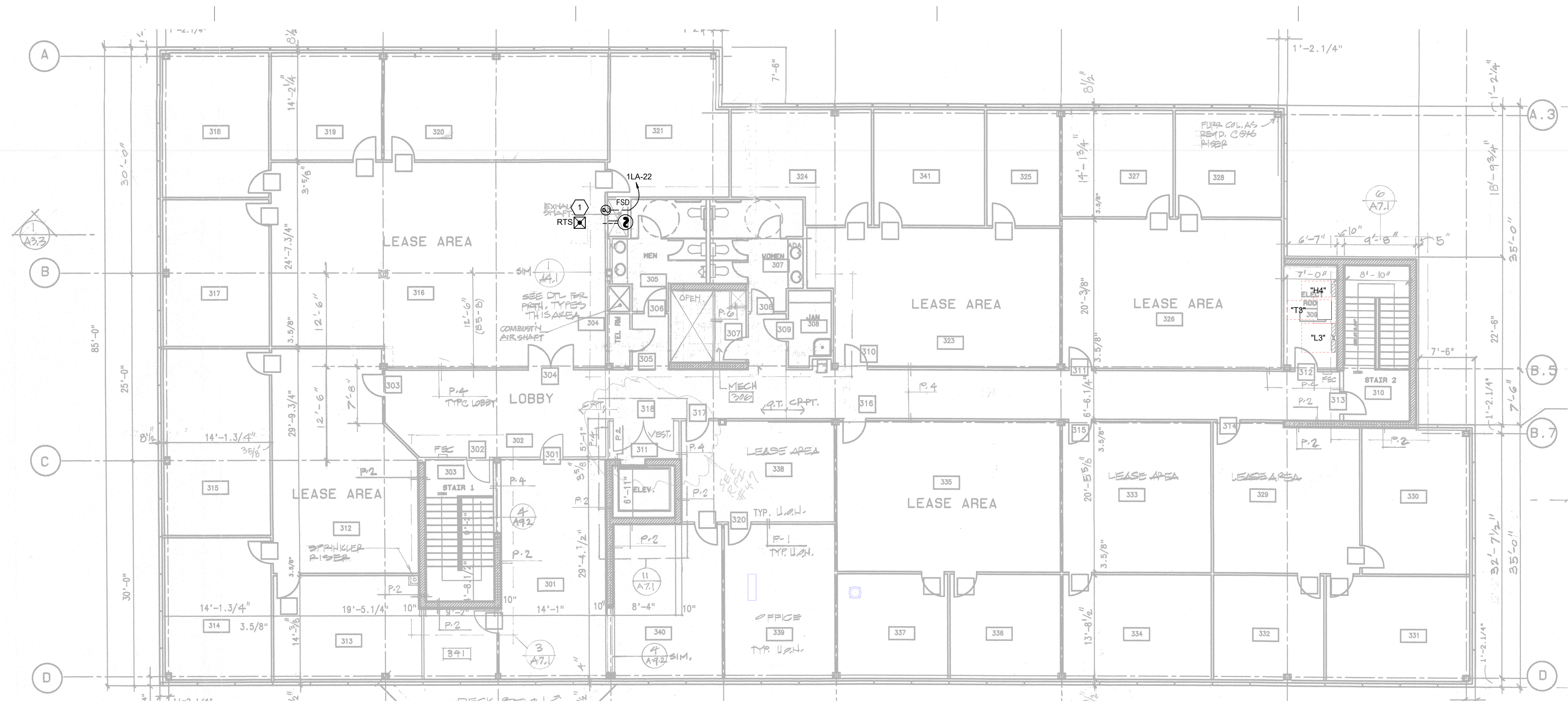
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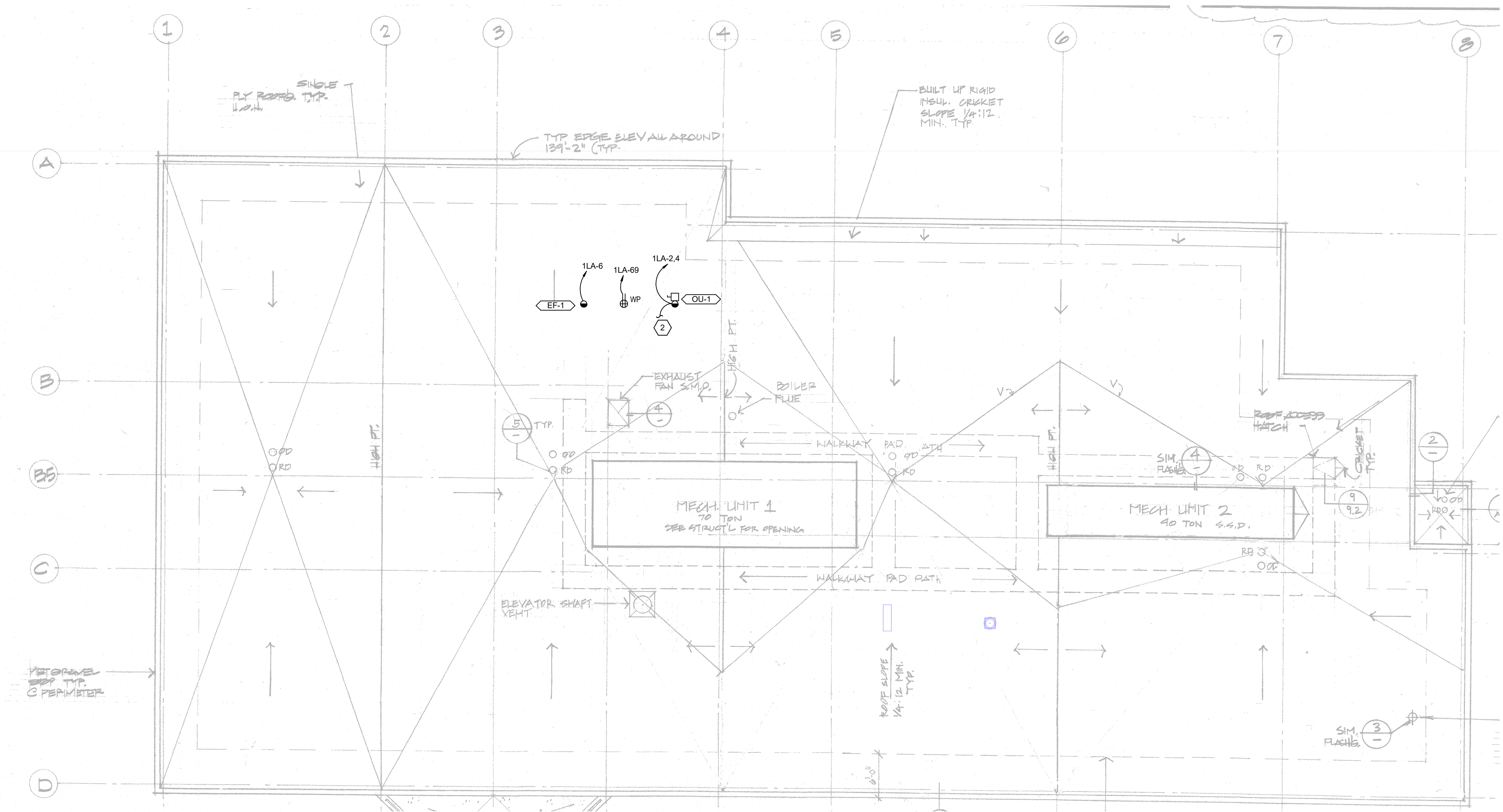
OVERALL
ELECTRICAL
PLANS

EE101

SHEET INTENDED TO BE VIEWED AND PRINTED IN COLOR FOR CLARITY



2 LEVEL 3 OVERALL PLAN
SCALE: 1/8" = 1'-0"



1 ROOF OVERALL ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

1 PROVIDE LABELS ON ALL NEW DEVICES PER PROJECT SPECIFICATIONS CONFORMING WITH DIVISION 26 SPECIFICATIONS FOR IDENTIFICATION OF ELECTRICAL EQUIPMENT AND INTERMOUNTAIN'S DIVISION 27 SPECIFICATIONS PRIOR TO SUBSTANTIAL COMPLETION.

SHEET KEYNOTES

- 1 MOUNT REMOTE TEST SWITCH IN ACCESSIBLE LOCATION ADJACENT TO FIRE/SMOKE DAMPER.
- 2 SPLIT SYSTEM INDOOR UNIT AND OUTDOOR UNIT POWERED ON SAME CIRCUIT. VERIFY EXACT CIRCUITING REQUIREMENTS WITH MANUFACTURER PRIOR TO INSTALLATION.



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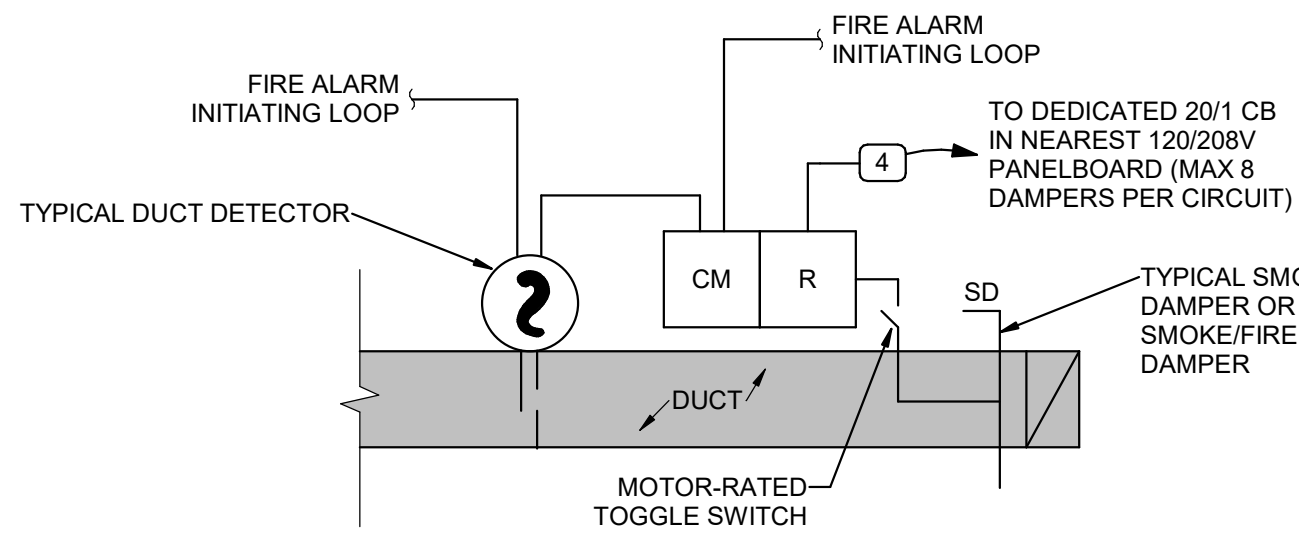
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OVERALL
ELECTRICAL
PLANS

EE102

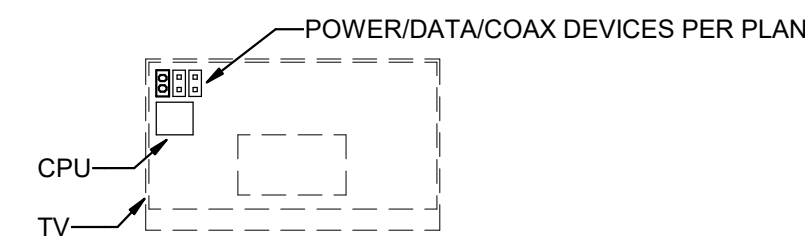
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- NOTES:
1. FOR EACH SMOKE DAMPER SHOWN ON PLANS, PROVIDE ALL DEVICES AND WIRING PER THIS DETAIL. THESE ARE NOT SHOWN ON PLANS FOR LEGIBILITY PURPOSES.
 2. DUCT DETECTOR WITHIN 5' OF EVERY SMOKE DAMPER TO CLOSE DAMPER UPON ACTIVATION PER IMC REQUIREMENTS.
 3. VERIFY QUANTITY AND LOCATIONS OF ALL SMOKE DAMPERS WITH THE HVAC INSTALLER.
 4. PROVIDE ONE CONTROL MODULE PER SMOKE DAMPER, UNLESS THE REQUIRED CONTROL SEQUENCE ALLOWS GROUPING OF DAMPERS, IN WHICH CASE EACH GROUPING OF DAMPERS MAY SHARE ONE CONTROL MODULE.

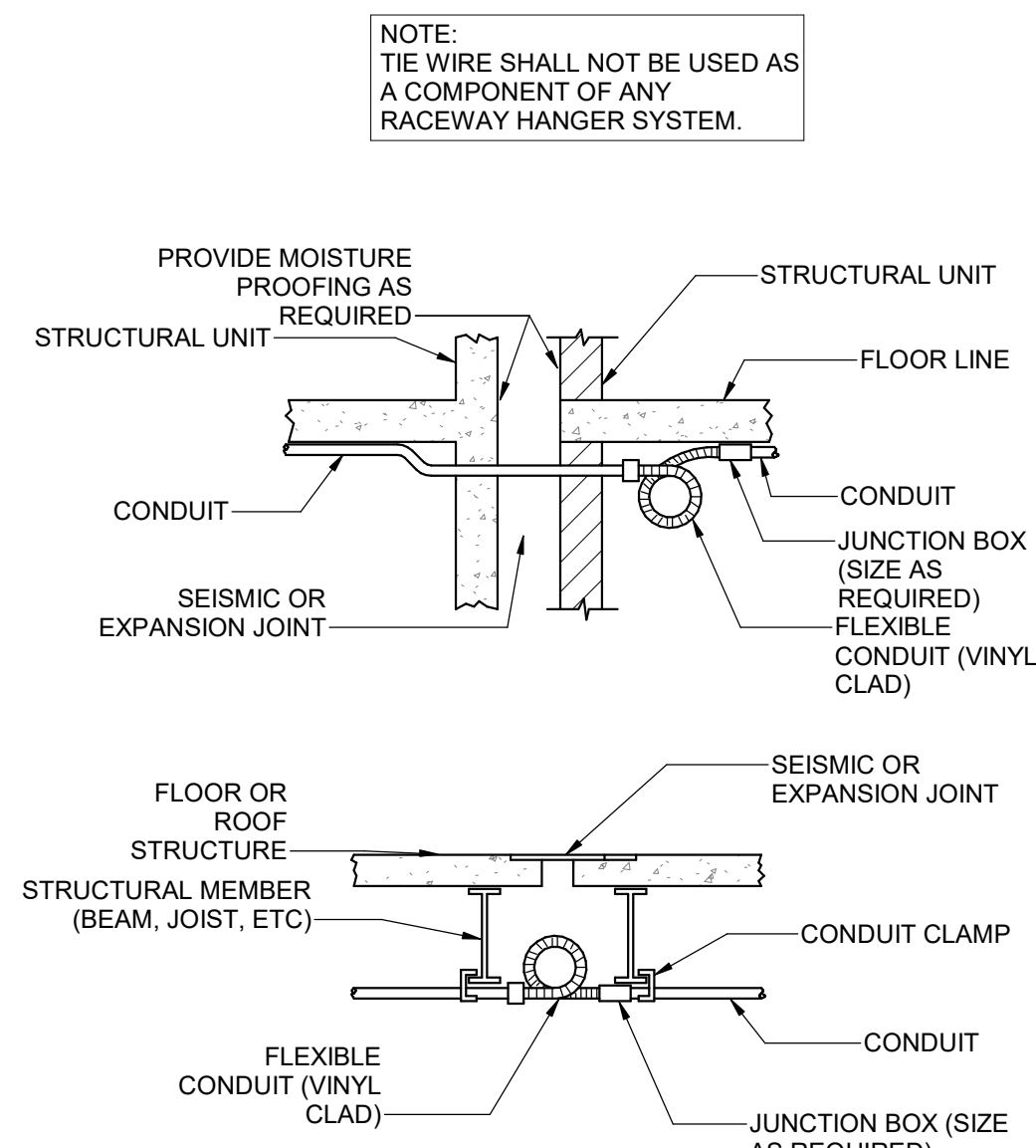
10 TYPICAL SMOKE DAMPER FIRE ALARM DETAIL

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



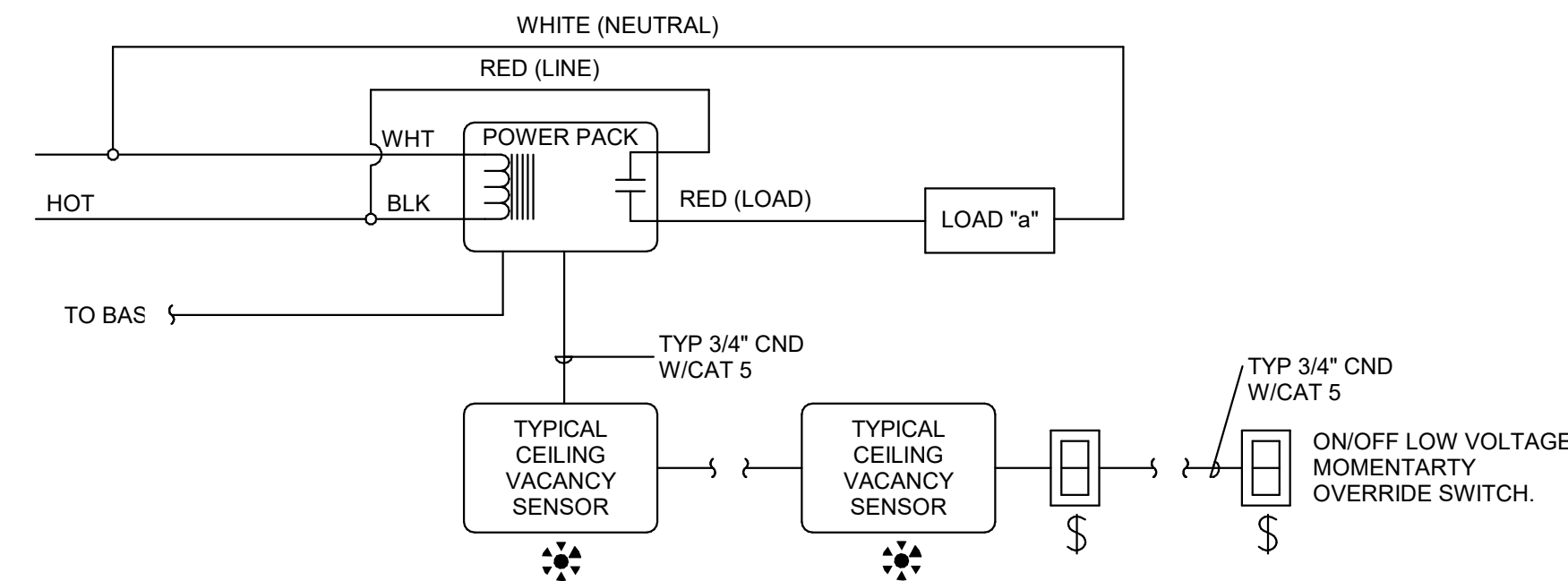
9 TV DEVICE MOUNTING DETAIL

SCALE: NTS



8 CONDUIT EXPANSION JOINT DETAIL

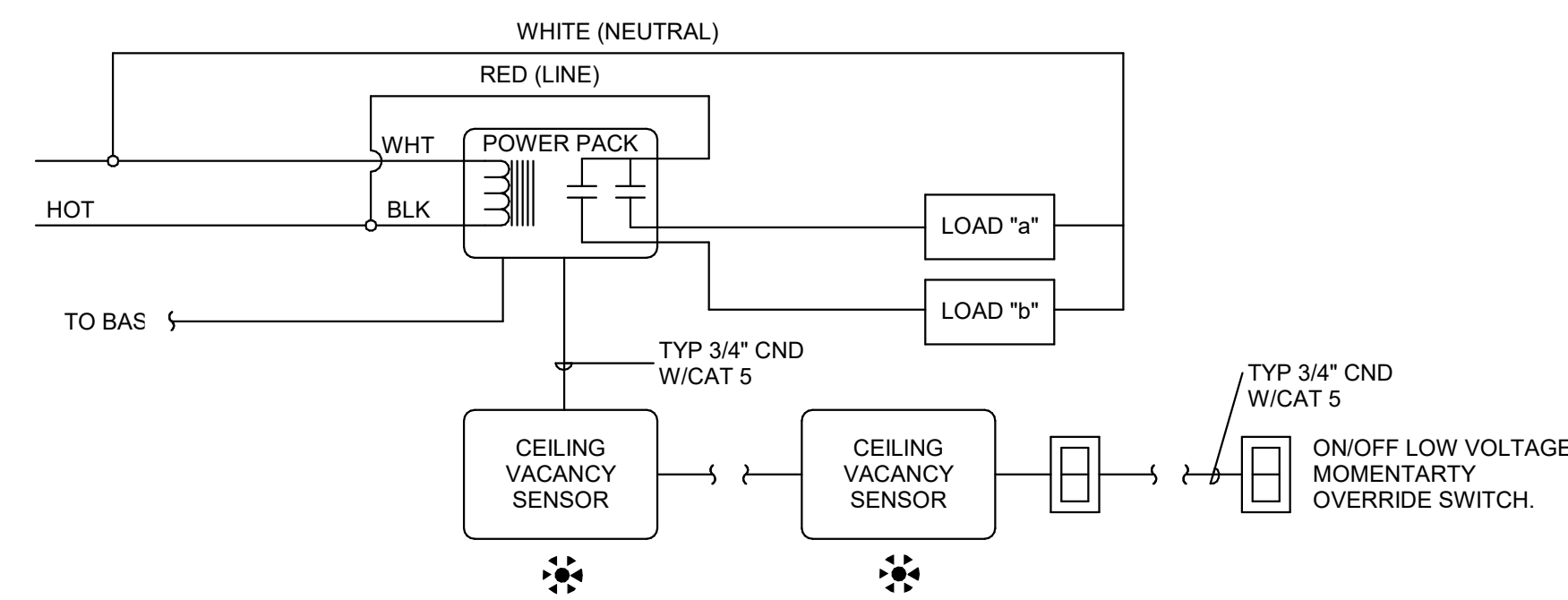
SCALE: NTS



*BASIS OF DESIGN IS NLIGHT OR WATTSTOPPER
**PROVIDE ALL COMPONENTS NECESSARY FOR AN EQUIVALENT, FULLY FUNCTIONAL SYSTEM IF PROVIDING OTHER THAN BASIS OF DESIGN SYSTEM.

7 TYPICAL CEILING VACANCY SENSOR WIRING DIAGRAM

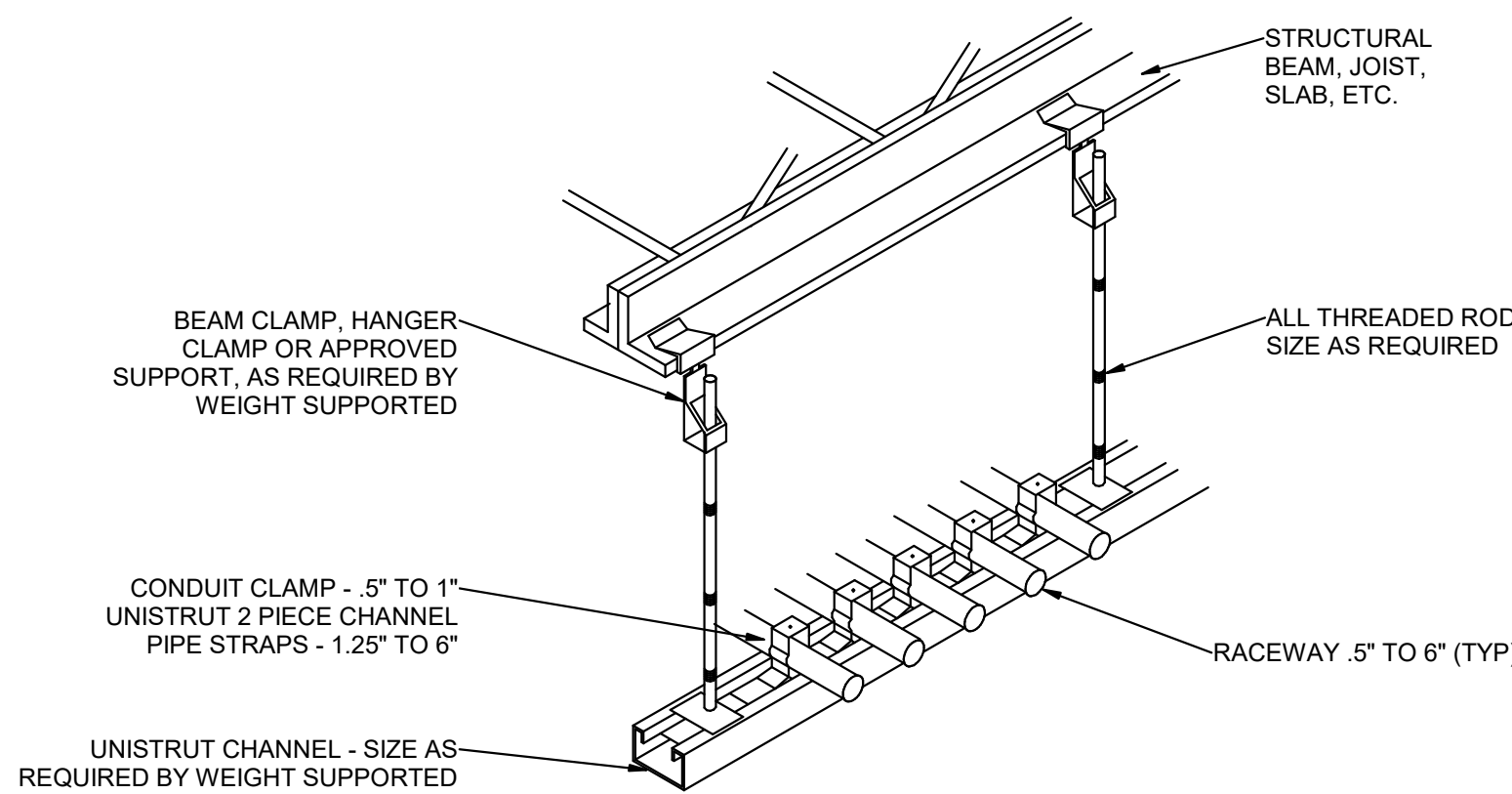
SCALE: NTS



*BASIS OF DESIGN IS NLIGHT
**PROVIDE ALL COMPONENTS NECESSARY FOR AN EQUIVALENT, FULLY FUNCTIONAL SYSTEM IF PROVIDING OTHER THAN BASIS OF DESIGN SYSTEM.

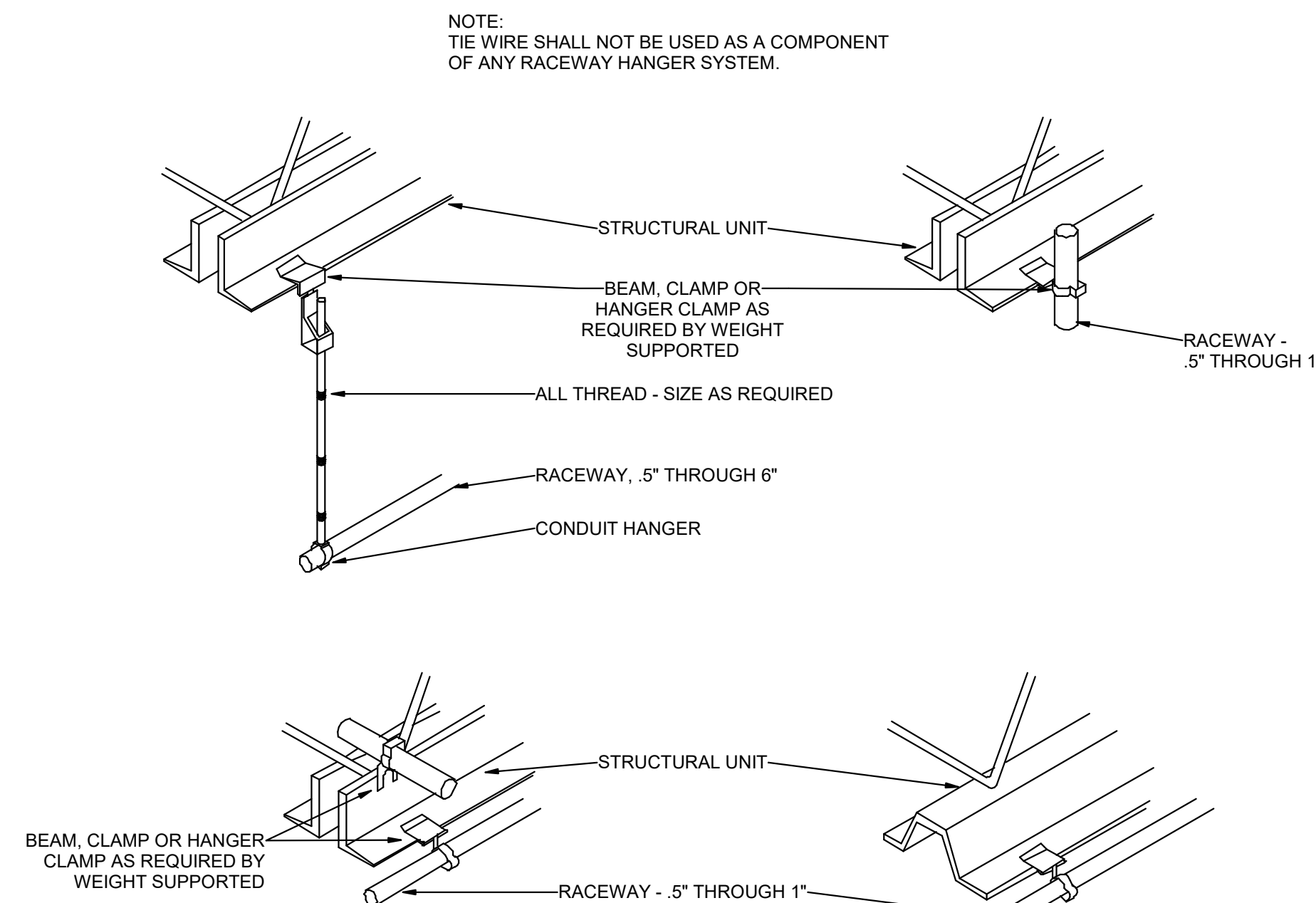
6 TYPICAL MULTIPLE ZONE VACANCY SENSOR WIRING DIAGRAM

SCALE: NTS



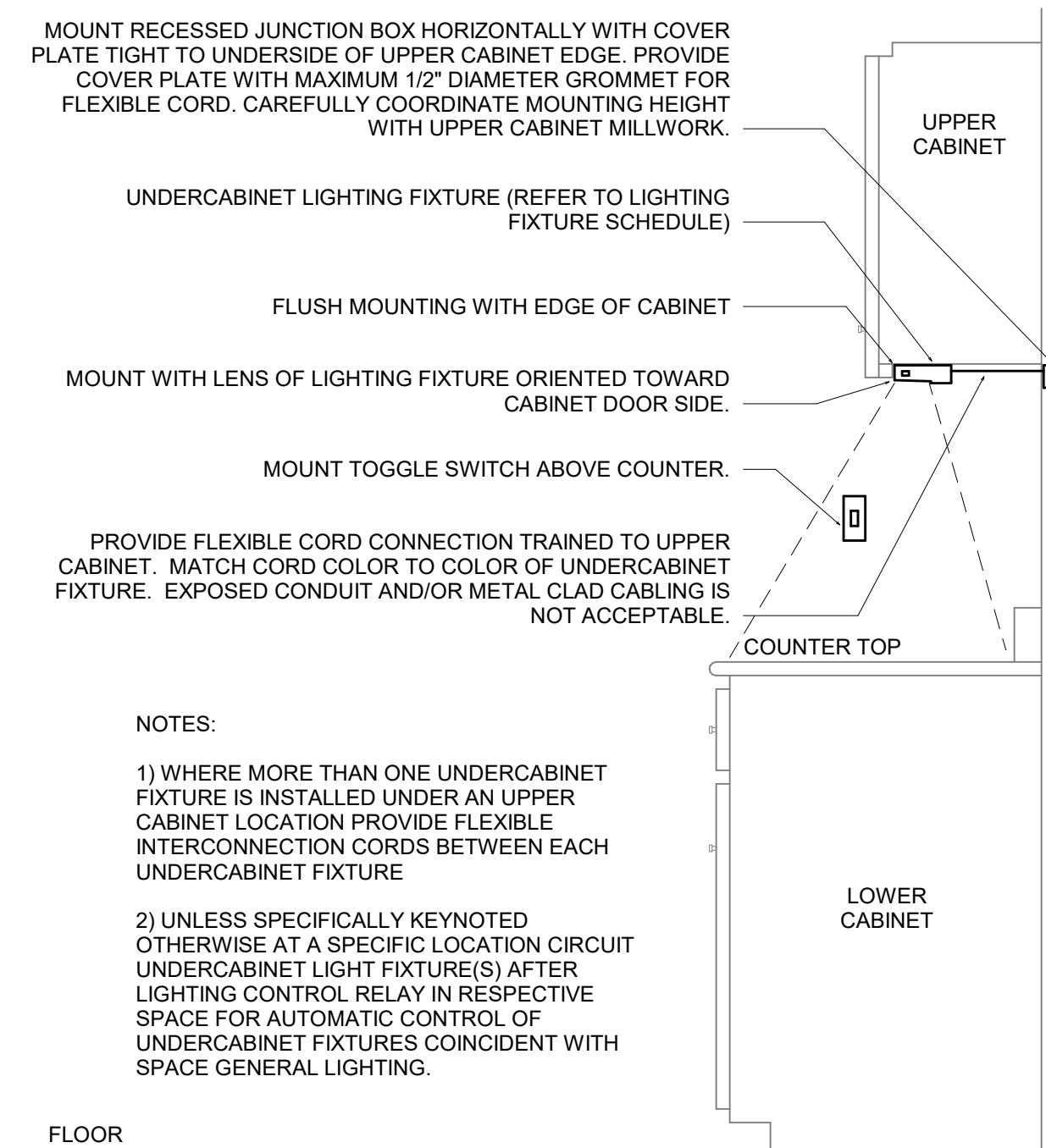
5 TYPICAL CONDUIT RACK DETAIL

SCALE: NTS



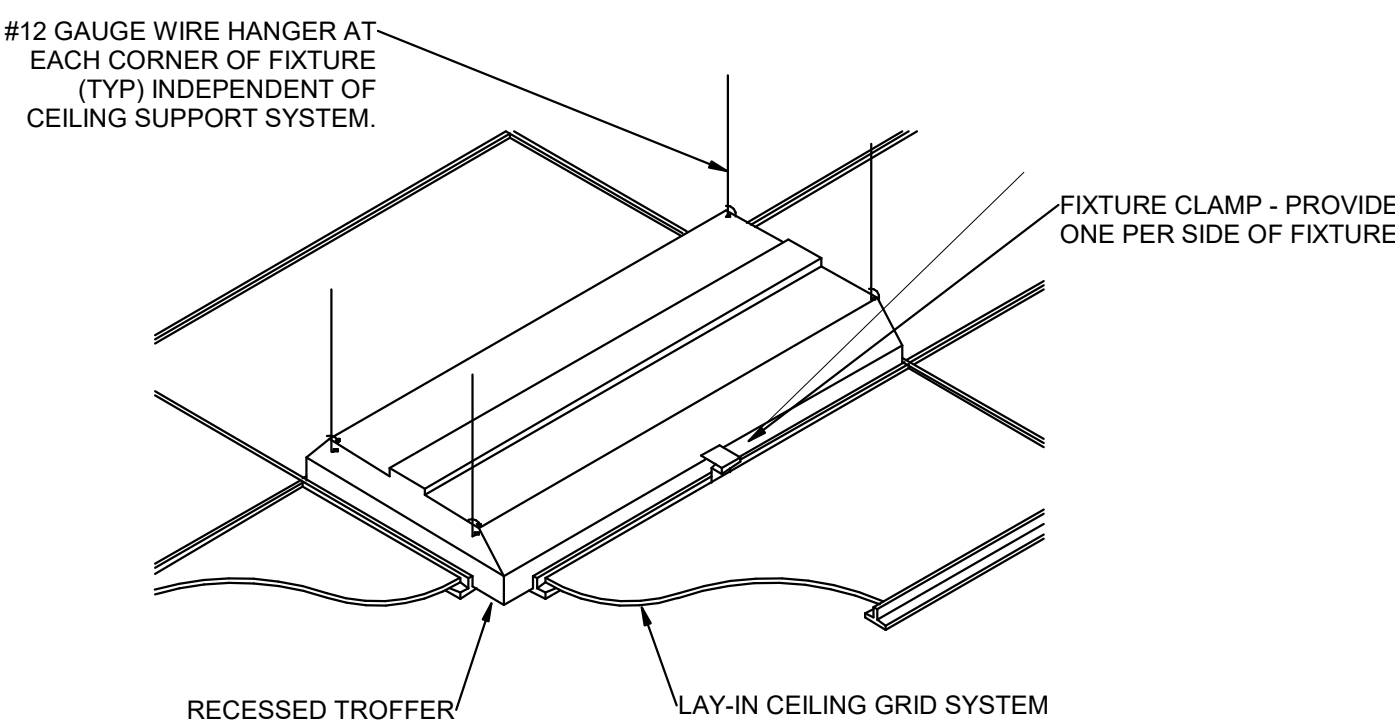
4 TYPICAL RACEWAY SUPPORT METHODS DETAIL

SCALE: NTS



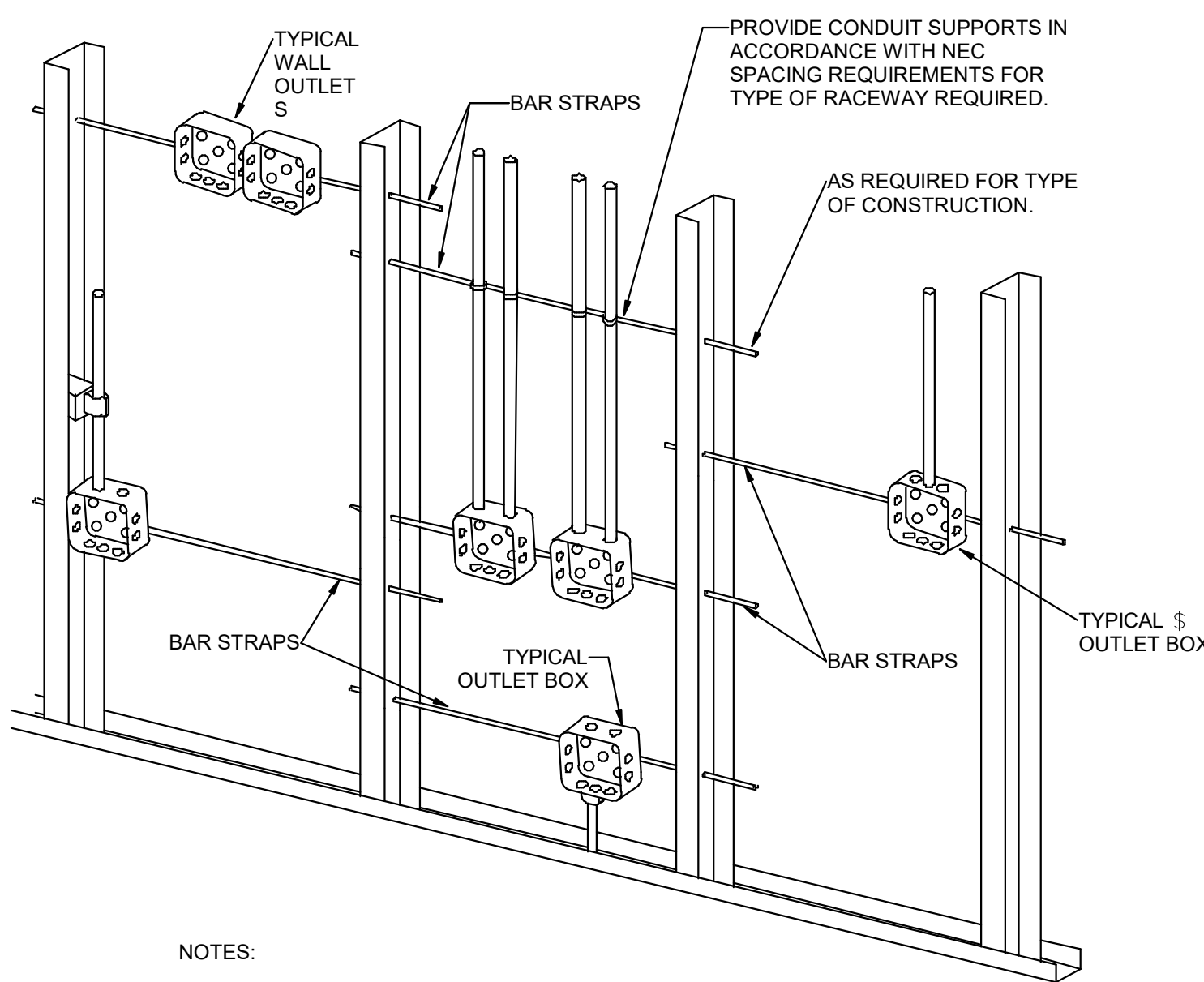
3 TYPICAL UNDERCABINET LIGHTING FIXTURE MOUNTING DETAIL

SCALE: NTS



2 RECESSED FIXTURE MOUNTING DETAIL

SCALE: NTS



- 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.
 5. IN NON-RATED WALLS, OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS MUST BE SEPARATED BY 16" FOR SOUND ATTENUATION.

1 TYPICAL ROUGH-IN REQUIREMENTS DETAIL

SCALE: NTS



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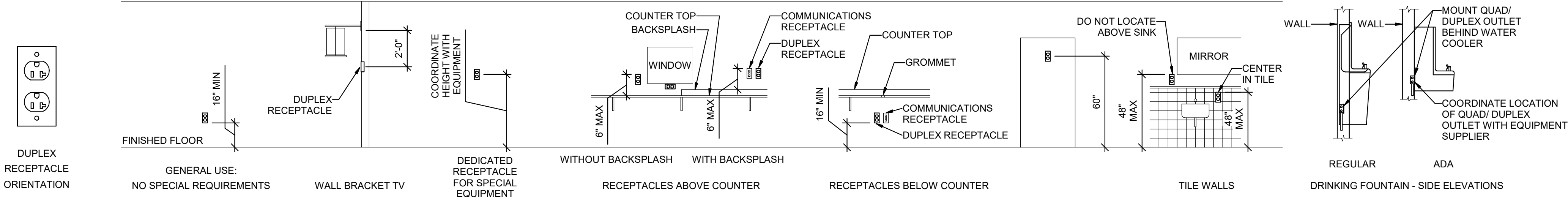
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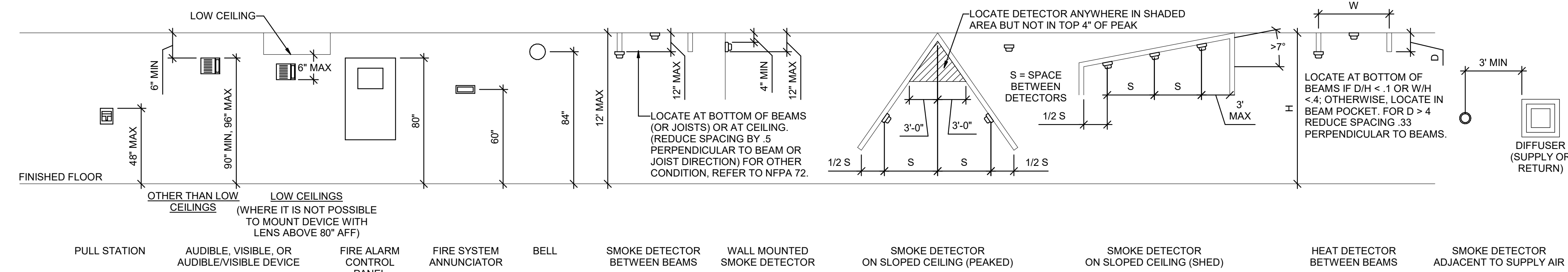
ELECTRICAL
DETAILS

EE501

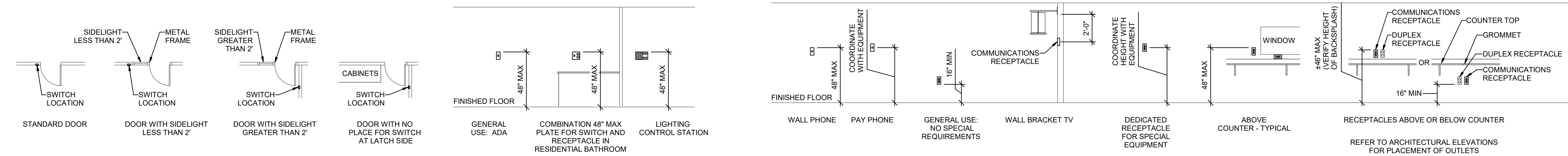
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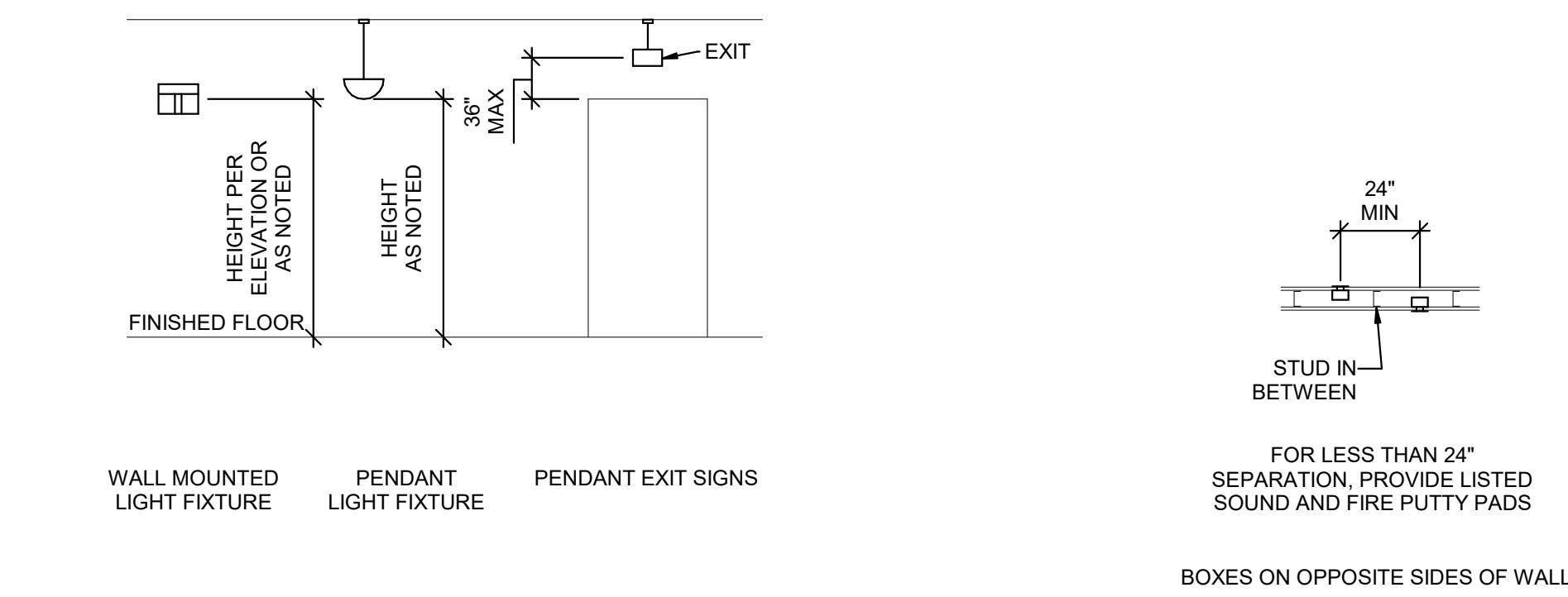
7 RECEPTACLE MOUNTING DETAILS
SCALE: NTS



6 FIRE ALARM MOUNTING DETAILS
SCALE: NTS



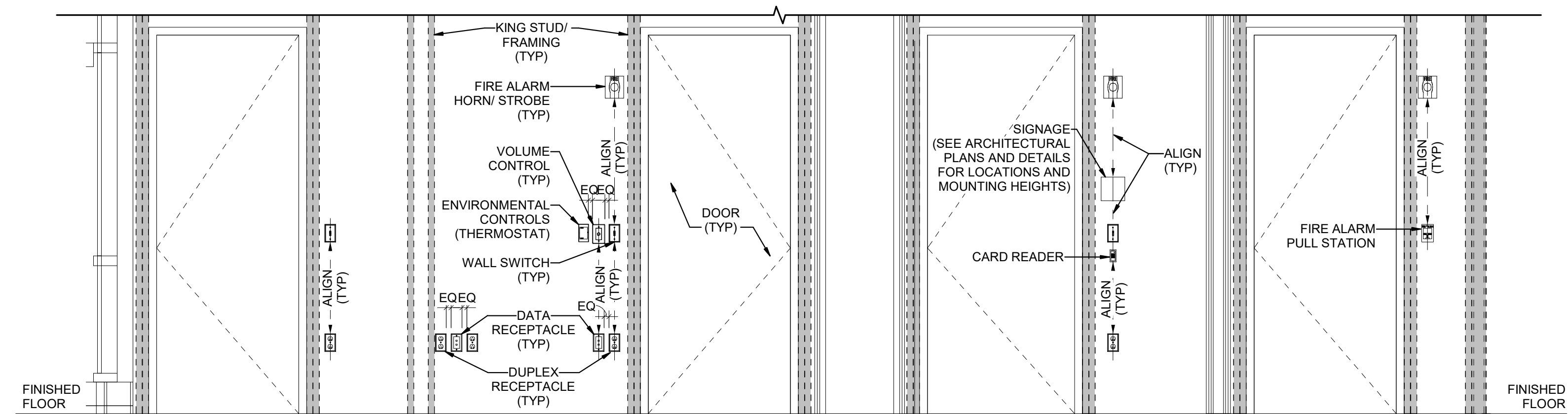
5 SWITCH MOUNTING DETAILS
SCALE: NTS



4 LIGHTING MOUNTING DETAILS
SCALE: NTS

3 BOX MOUNTING DETAILS
SCALE: NTS

2 COMMUNICATIONS MOUNTING DETAILS
SCALE: NTS



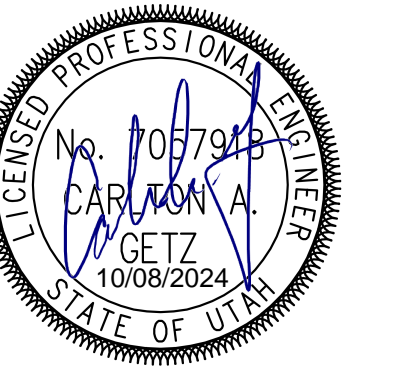
1 TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL
SCALE: NTS

GENERAL SHEET NOTES

- MOUNTING HEIGHTS OF ELECTRICAL AND ELECTRONIC EQUIPMENT IN THE FOLLOWING ORDER OF PRIORITY:
A - ELEVATIONS (ARCHITECTURAL, ELECTRICAL, MECHANICAL, ETC).
B - EQUIPMENT SHOP DRAWINGS.
C - FIELD INSTRUCTIONS.
- LOCATE RECEPTACLES SERVING THE SAME TYPE OF USE AT A UNIFORM HEIGHT UNLESS DIRECTED OTHERWISE.
- MECHANICAL, ELECTRICAL, AND COMMUNICATION ROOMS: COORDINATE LOCATION OF LIGHTING AND POWER RECEPTACLES WITH EQUIPMENT, PIPING, AND DUCTWORK. DO NOT INSTALL RECEPTACLES BEHIND EQUIPMENT OR WHERE OTHERWISE INACCESSIBLE. POSITION LIGHTING REGARDLESS OF WHERE SHOWN ON DRAWING TO PROVIDE PROPER ILLUMINATION.
- MOUNT RECEPTACLE BOXES FOR SWITCHES AND RECEPTACLES WITH LONG AXIS OF THE DEVICE VERTICAL UNLESS OTHERWISE INDICATED.
- SET BOXES WITH PLASTER RINGS FLUSH WITH FINISHED SURFACE.
- LOCATE BOX COVERS OR DEVICE PLATES SO THEY WILL NOT SPAN DIFFERENT TYPES OF BUILDING FINISHES EITHER VERTICALLY OR HORIZONTALLY.
- VERIFY ALL DOOR CONDITIONS ON ARCHITECTURAL DRAWINGS PRIOR TO INSTALLING SWITCHES.
- LOCATE WIRING DEVICES WHICH ARE ADJACENT AND ARE COMPATIBLE VOLTAGES IN ONE PLATE.
- 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.



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TYPICAL
MOUNTING
DETAILS

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- 1 LABEL TO BE PROVIDED AT EACH SWITCHBOARD, PANELBOARD, DISCONNECT/STARTER. LABEL IS TO BE 3" X REQUIRED LENGTH X 1/16" LAMINATED 2-PLY PLASTIC LAMACOID. LETTERS SHALL BE FORMED BY ENGRAVING OUTER WHITE PLY, EXPOSING BLACK PLY BENEATH.
- 2 LABEL IS TO BE MOUNTED USING DOUBLE SIDED ADHESIVE TAPE COVERING THE BACK OF THE LABEL.
- 3 FIRST LINE: LETTERING IS TO BE 3/8" HIGH, CENTERED, AND FORMATTED AS SHOWN. REPLACE THE LETTER/NUMBER WITH THOSE FOUND ON THE ONE-LINE DIAGRAM.
- 4 SECOND LINE: LETTERING IS TO BE 3/8" HIGH, CENTERED, AND FORMATTED AS SHOWN. THE FOLLOWING SHALL BE PROVIDED, VOLTAGE, PHASE, NUMBER OF WIRES, AND AIC RATING OF DEVICE.
- 5 THIRD LINE: LETTERING IS TO BE 3/8" HIGH, CENTERED, AND FORMATTED AS SHOWN. PROVIDE "FED FROM" AND REPLACE MDP1 WITH THE DEVICES NAME THAT FEEDS THE PANELBOARD.

③— 1LA1,
④— 208/120V, #PH, #W, 22KAIC,
⑤— FED FROM-MDP1

NOTE: EMERGENCY PANELS SHALL USE LAMACOID WITH RED OUTERPLY, EXPOSING WHITE LETTERING BENEATH. CONTRACTOR TO USE SAME LABEL SCHEME EXCEPT FIRST 'X' IS REPLACED WITH 'E' FOR EMERGENCY. SECOND 'X' TO BE '1' FOR LOW OR 'H' FOR HIGH VOLTAGE (480/277V). LAST 'W' TO BE REPLACED WITH LETTER INDICATING LOCATION OF PANEL.

3 TYPICAL PANELBOARD/SWITCHBOARD LABEL

SCALE: NTS

- NOTES:
1. LABEL TO BE PROVIDED THAT IS TO BE 4" X REQUIRED LENGTH X 1/16" LAMINATED 2-PLY PLASTIC LAMACOID. LETTERS SHALL BE FORMED BY ENGRAVING OUTER WHITE PLY, EXPOSING BLACK PLY BENEATH.
 2. LABEL IS TO BE MOUNTED USING DOUBLE SIDED ADHESIVE TAPE COVERING THE BACK OF THE LABEL.
 3. FIRST LINE: LETTERING IS TO BE 3/8" HIGH, CENTERED, AND FORMATTED AS SHOWN. LABEL WITH THE NUMBER OF SERVICES AS SHOWN ON THE ONE-LINE.
 4. SECOND LINE: LETTERING IS TO BE 3/8" HIGH, CENTERED, WITH THE EQUIPMENT ID MATCHIGN PLANS.
 5. THIRD LINE: LETTERING IS TO BE 3/8" HIGH, CENTERED, AND FORMATTED AS SHOWN. THE FOLLOWING SHALL BE PROVIDED, VOLTAGE, PHASE, NUMBER OF WIRES, AND AIC RATING OF GEAR.
 6. FOURTH & FIFTH LINES: LETTERING IS TO BE 3/8" HIGH, CENTERED, AND FORMATTED AS SHOWN. LABEL WITH ACTUAL AVAILABLE FAULT CURRENT AND ASSOCIATED CLEARING TIME.

1
2
3
4
5
6
MAIN SERVICE: 1 OF 1
MDP1,
480Y/277V, 3PH, 4W, 22KAIC,
AVAILABLE FAULT CURRENT - XX,XXX A
MCB CLEARING TIME - X.XX SECONDS

2 TYPICAL MAIN SERVICE EQUIPMENT/GEAR LABEL

SCALE: NTS

WARNING	
Arc Flash and Shock Risk	
Appropriate PPE Required	
3 in	Arc Flash Boundary
0.06 cal/cm ²	Incident Energy at 18 in
208 VAC	Shock Risk when cover is removed
42 in	Limited Approach
12 in	Restricted Approach
1 in	Prohibited Approach
Location: PNL A	
Device: PD-0001	
SKM Systems Analysis, Inc. 1 Pearl St. Redondo Beach, CA 90277 (310) 698-4700	
Job#: 232874	Prepared on: 05/06/24 By: Engineer
Warning: Changes in equipment settings or system configuration will invalidate the calculated values and PPE requirements	

SHADED AREAS TO BE ORANGE ALL OTHER TO BE WHITE BACKGROUND

(TYP) DISTANCES IN INCHES

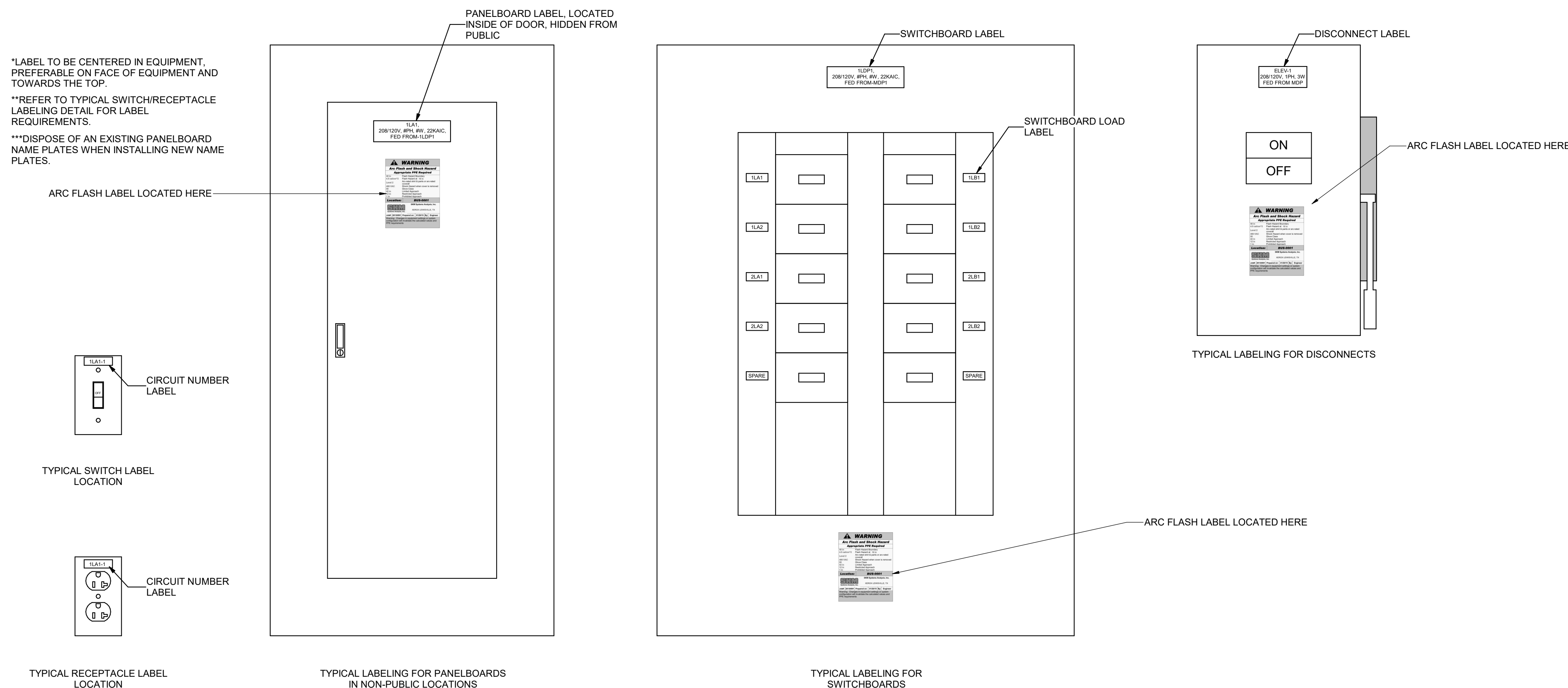
COORDINATE VOLTAGE VALUES WITH ONE-LINE

MATCH NAME OF EQUIPMENT WITH NAMES ON ONE-LINE

PROVIDE ADDRESS WHERE SKM ANALYSIS IS PERFORMED

PROVIDE JOB NUMBER "20140543", DATE OF ANALYSIS AND ENGINEER WHO PERFORMED STUDY

*PROVIDE ARC FLASH LABEL WITH VALUES FROM STUDY FOR ALL ELECTRICAL EQUIPMENT. REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS.



4 TYPICAL ARC FLASH LABEL

SCALE: NTS

1 TYPICAL SWITCH, RECEPTACLE AND PANELBOARD/SWITCHBOARD LABELING LOCATION DETAIL

SCALE: NTS

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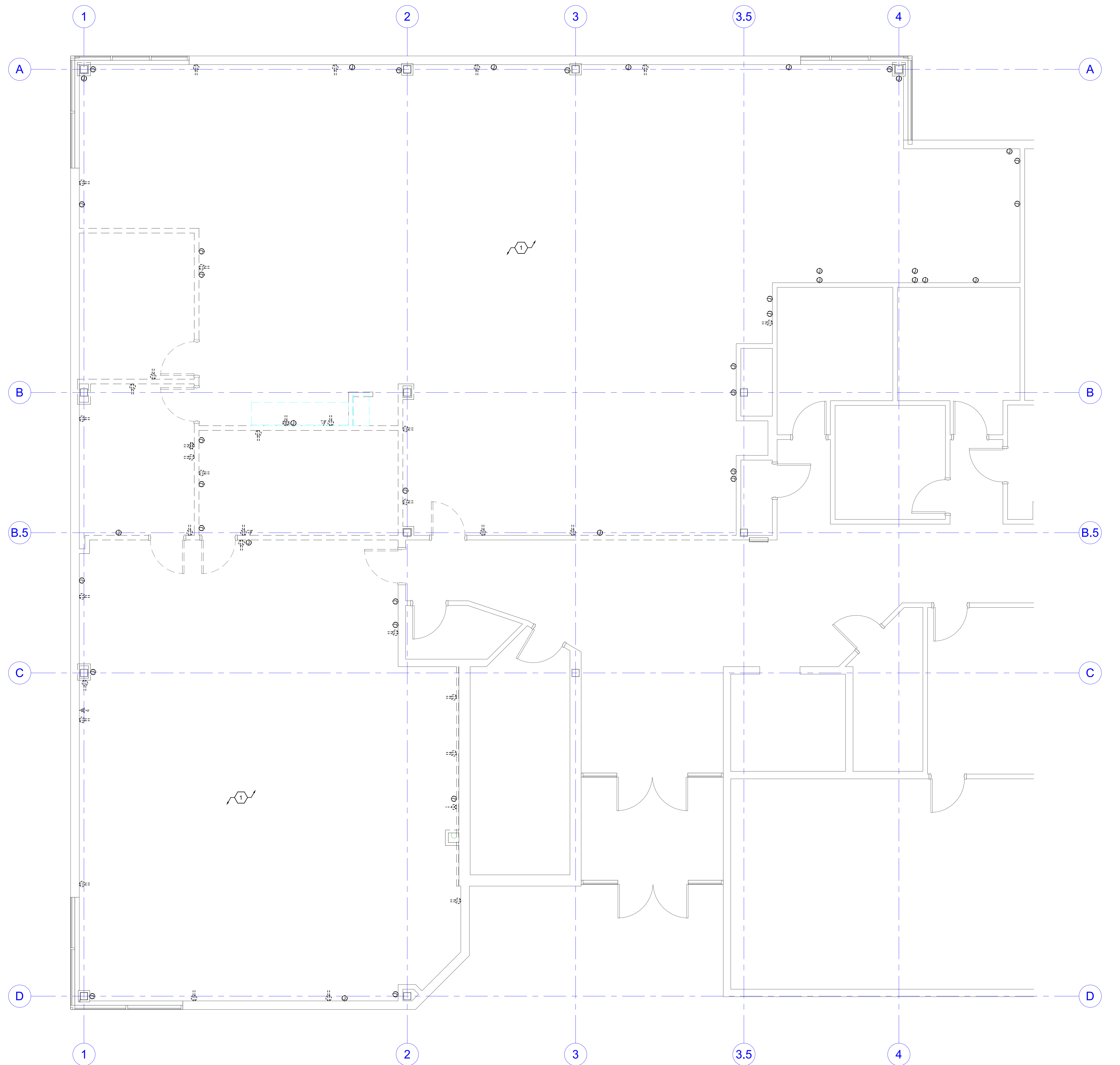
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TYPICAL
LABELING
DETAILS

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1 LEVEL 1 ELECTRICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

- 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.
- DEMOLISH ALL ELECTRICAL EQUIPMENT, CONDUIT, AND WIRING TO BE REMOVED BACK TO THE PANELBOARD. DENOTE ALL REMOVED CIRCUITS AS "SPARE" ON THE PANEL SCHEDULE KEPT WITH EACH PANELBOARD. TURN ALL CIRCUIT BREAKERS AND SWITCHES PROTECTING CIRCUITS REMOVED DURING DEMOLITION TO THE "OFF" POSITION.
- REMOVE ALL UNUSED AND ABANDONED ELECTRICAL EQUIPMENT, CONDUIT, AND WIRING. DO NOT LEAVE ABANDONED COMPONENTS IN PLACE UNLESS OTHERWISE NOTED.
- WHERE THE SOURCE TO OTHER ELECTRICAL ITEMS WHICH ARE TO REMAIN IS INTERRUPTED BY THE REMOVAL OF AN ITEM OR DEVICE, THE CONTRACTOR SHALL INSTALL THE NECESSARY CONDUIT AND WIRE TO RECONNECT IT TO ITS NEAREST OR MOST CONVENIENT ORIGINAL SOURCE.
- WHERE CIRCUITS OR OTHER ELECTRICAL EQUIPMENT UNRELATED TO THIS WORK PASS THROUGH THE AREA AFFECTED BY DEMOLITION, THE CONTRACTOR SHALL MAKE ALL NECESSARY PROVISIONS TO MAINTAIN THE EXISTING INSTALLATION OR PERFORM THE NECESSARY WORK TO RELOCATE SUCH CIRCUITING OR OTHER ELECTRICAL EQUIPMENT AS NECESSARY TO MAINTAIN CONTINUITY.
- ALL DEMOLITION WORK SHALL BE FULLY COORDINATED WITH ALL TRADES.
- REFER TO ARCHITECTURAL PLANS FOR COMPLETE SCOPE OF DEMOLITION WORK. THE CONTRACTOR SHALL SURVEY THE EXISTING CONDITIONS PRIOR TO BIDDING TO INCORPORATE THE SCOPE OF DEMOLITION WORK INTO THE BID.
- THE BUILDING OWNER RESERVES THE RIGHT TO HAVE SOME OF THE REMOVED MATERIALS STORED ON SITE. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING, IN CONJUNCTION WITH THE BUILDING OWNER, THE LIST OF WHAT IS TO BE SALVAGED.
- ALL DEVICES AND EQUIPMENT SHOWN SHALL BE EXISTING TO REMAIN UNLESS OTHERWISE NOTED. REFER TO THE LIGHTING PLAN FOR ADDITIONAL INFORMATION ON EXISTING LIGHT FIXTURES TO BE RELOCATED UNDER THIS WORK.
- DEMOLISH ALL EXISTING DEVICES ON EXISTING WALLS TO BE DEMOLISHED UNLESS SPECIFICALLY NOTED OTHERWISE. REMOVE ALL ASSOCIATED CONDUIT, CONDUCTORS, ETC., BACK TO NEAREST SOURCE TO REMAIN.
- PRIOR TO COMMENCEMENT OF DEMOLITION WORK, GENERAL CONTRACTOR IS TO COORDINATE WITH FACILITY SYSTEM VENDORS (BMS, DATA, LIGHTING CONTROL, NURSE CALL, PAGING, ETC.) AND INTERMOUNTAIN INFORMATION SERVICES A THREE WORKING DAY PERIOD FOR VENDOR REMOVAL, RELOCATION, AND PROTECTION OF EXISTING VENDOR SYSTEM CABLING WITHIN PROJECT AREA OF WORK. DEMOLITION WORK MAY COMMENCE ONLY AFTER VENDOR COMPLETION OR AS APPROVED BY INTERMOUNTAIN HEALTH CARE PROJECT MANAGER.
- EXISTING CABLING, CONDUIT, ETC., SERVING SPACES NOT DIRECTLY IMPACTED BY THE SCOPE OF WORK MAY BE IMPROPERLY SUPPORTED OR UNSUPPORTED. PROVIDE AN HOURLY TIME AND MATERIALS RATE FOR PROPERLY SUPPORTING ANY EXISTING TO REMAIN CABLING, CONDUIT, ETC., FOUND TO BE IMPROPERLY SUPPORTED OR UNSUPPORTED TO CONFORM WITH THE SUPPORT REQUIREMENTS IN THE PROJECT SPECIFICATIONS. CONTRACTOR SHALL DOCUMENT AND REPORT ALL INSTANCES OF IMPROPERLY SUPPORTED OR UNSUPPORTED CABLING, CONDUIT, ETC., TO OWNER AND ARCHITECT. RESUPPORT ANY EXISTING CABLING AND/OR CONDUIT AS NECESSARY TO ELIMINATE CONTACT WITH EXISTING FIRE PROTECTION PIPING AND AVOID CONTACT WITH NEW FIRE PROTECTION LINES.

SHEET KEYNOTES

- REMOVE ALL EXISTING FLOOR RECEPTACLES, FLOOR BOXES, AND POKE THROUGH DEVICES. REMOVE ALL ASSOCIATED DEVICES, CONDUCTORS, CABLES, AND CONDUIT BACK TO NEAREST SOURCE. PATCH ALL FLOORING TO REMAIN AS REQUIRED BY ARCHITECTURAL PLANS.



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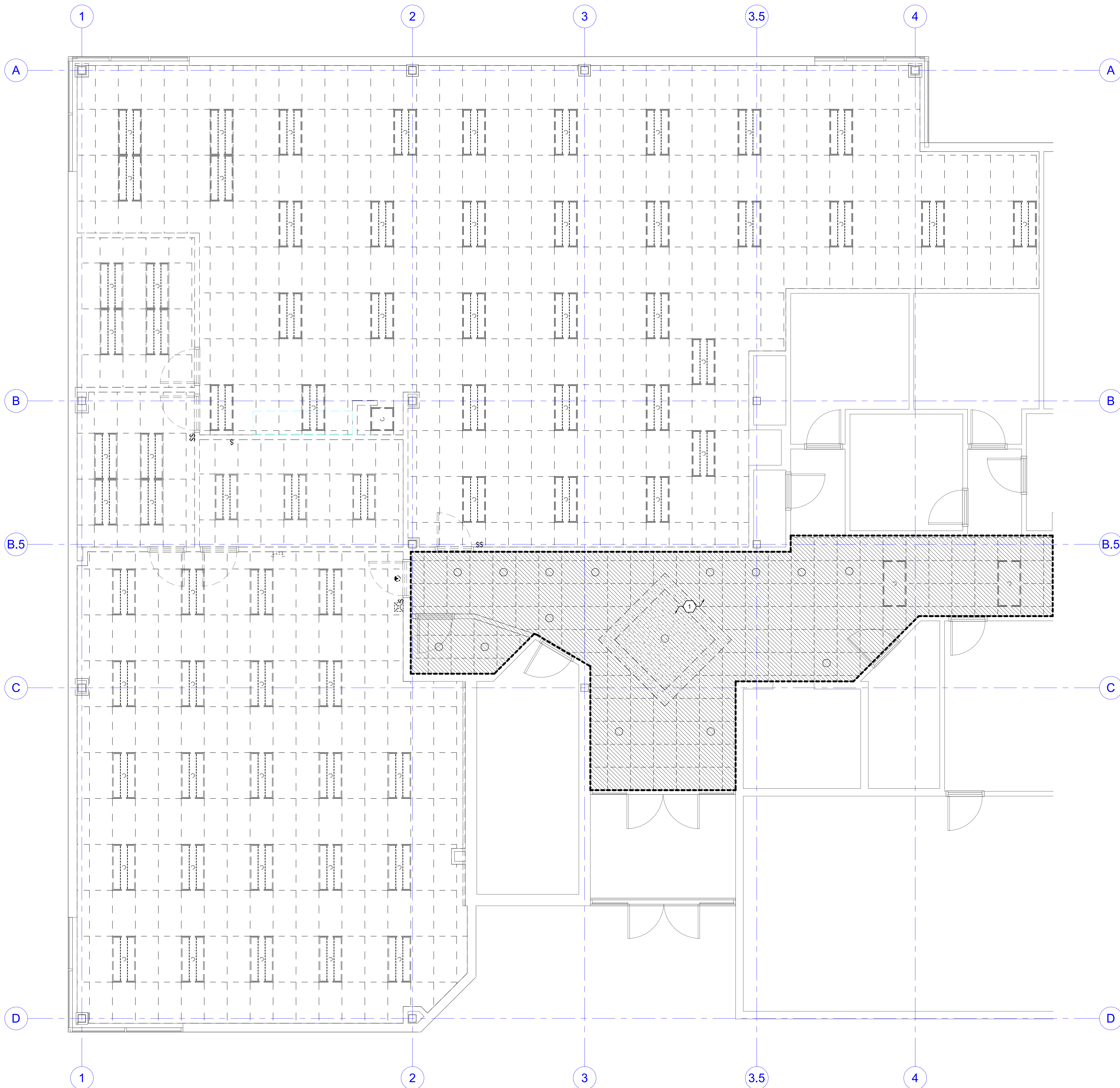
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**LEVEL 1
ELECTRICAL
DEMOLITION
PLAN**

ED101

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1 LEVEL 1 CEILING DEMOLITION PLAN
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GENERAL SHEET NOTES

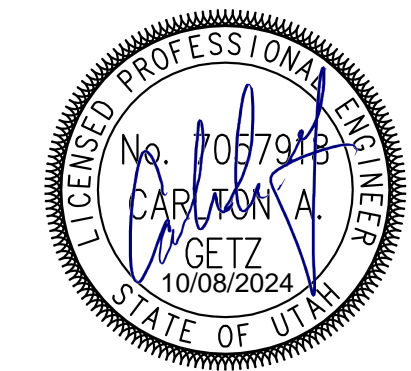
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- WHERE THE SOURCE TO OTHER ELECTRICAL ITEMS WHICH ARE TO REMAIN IS INTERRUPTED BY THE REMOVAL OF AN ITEM OR DEVICE, THE CONTRACTOR SHALL INSTALL THE NECESSARY CONDUIT AND WIRE TO RECONNECT IT TO ITS NEAREST OR MOST CONVENIENT ORIGINAL SOURCE.
- WHERE CIRCUITS OR OTHER ELECTRICAL EQUIPMENT UNRELATED TO THIS WORK PASS THROUGH THE AREA AFFECTED BY DEMOLITION, THE CONTRACTOR SHALL MAKE ALL NECESSARY PROVISIONS TO MAINTAIN THE EXISTING INSTALLATION OR PERFORM THE NECESSARY WORK TO RELOCATE SUCH CIRCUITING OR OTHER ELECTRICAL EQUIPMENT AS NECESSARY TO MAINTAIN CONTINUITY.
- ALL DEMOLITION WORK SHALL BE FULLY COORDINATED WITH ALL TRADES.
- REFER TO ARCHITECTURAL PLANS FOR COMPLETE SCOPE OF DEMOLITION WORK. THE CONTRACTOR SHALL SURVEY THE EXISTING CONDITIONS PRIOR TO BIDDING TO INCORPORATE THE SCOPE OF DEMOLITION WORK INTO THE BID.
- THE BUILDING OWNER RESERVES THE RIGHT TO HAVE SOME OF THE REMOVED MATERIALS STORED ON SITE. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING, IN CONJUNCTION WITH THE BUILDING OWNER, THE LIST OF WHAT IS TO BE SALVAGED.
- ALL DEVICES AND EQUIPMENT SHOWN SHALL BE EXISTING TO REMAIN UNLESS OTHERWISE NOTED. REFER TO THE LIGHTING PLAN FOR ADDITIONAL INFORMATION ON EXISTING LIGHT FIXTURES TO BE RELOCATED UNDER THIS WORK.
- DEMOLISH ALL EXISTING DEVICES ON EXISTING WALLS TO BE DEMOLISHED UNLESS SPECIFICALLY NOTED OTHERWISE. REMOVE ALL ASSOCIATED CONDUIT, CONDUCTORS, ETC., BACK TO NEAREST SOURCE TO REMAIN.
- PRIOR TO COMMENCEMENT OF DEMOLITION WORK, GENERAL CONTRACTOR IS TO COORDINATE WITH FACILITY SYSTEM VENDORS (BMS, DATA, LIGHTING CONTROL, NURSE CALL, PAGING, ETC.) AND INTERMOUNTAIN INFORMATION SERVICES A THREE WORKING DAY PERIOD FOR VENDOR REMOVAL, RELOCATION, AND PROTECTION OF EXISTING VENDOR SYSTEM CABLING WITHIN PROJECT AREA OF WORK. DEMOLITION WORK MAY COMMENCE ONLY AFTER VENDOR COMPLETION OR AS APPROVED BY INTERMOUNTAIN HEALTH CARE PROJECT MANAGER.
- EXISTING CABLING, CONDUIT, ETC., SERVING SPACES NOT DIRECTLY IMPACTED BY THE SCOPE OF WORK MAY BE IMPROPERLY SUPPORTED OR UNSUPPORTED. PROVIDE AN HOURLY TIME AND MATERIALS RATE FOR PROPERLY SUPPORTING ANY EXISTING TO REMAIN CABLING, CONDUIT, ETC., FOUND TO BE IMPROPERLY SUPPORTED OR UNSUPPORTED TO CONFORM WITH THE SUPPORT REQUIREMENTS IN THE PROJECT SPECIFICATIONS. CONTRACTOR SHALL DOCUMENT AND REPORT ALL INSTANCES OF IMPROPERLY SUPPORTED OR UNSUPPORTED CABLING, CONDUIT, ETC., TO OWNER AND ARCHITECT. RESUPPORT ANY EXISTING CABLING AND/OR CONDUIT AS NECESSARY TO ELIMINATE CONTACT WITH EXISTING FIRE PROTECTION PIPING AND AVOID CONTACT WITH NEW FIRE PROTECTION LINES.

SHEET KEYNOTES

- REMOVE AND SALVAGE LIGHTS AND CEILING MOUNTED ELECTRICAL DEVICES AS NECESSARY TO PERFORM MECHANICAL DEMOLITION. REINSTALL LIGHT FIXTURES AND DEVICES IN SAME LOCATION AFTER MECHANICAL DEMOLITION IS COMPLETED AND CEILINGS ARE RESTORED. RECONNECT LIGHT FIXTURES AND DEVICES TO EXISTING BRANCH CIRCUITING TO MATCH ORIGINAL CONDITION. MAINTAIN ALL EXISTING CIRCUIT CONTINUITY THROUGHOUT DEMOLITION.



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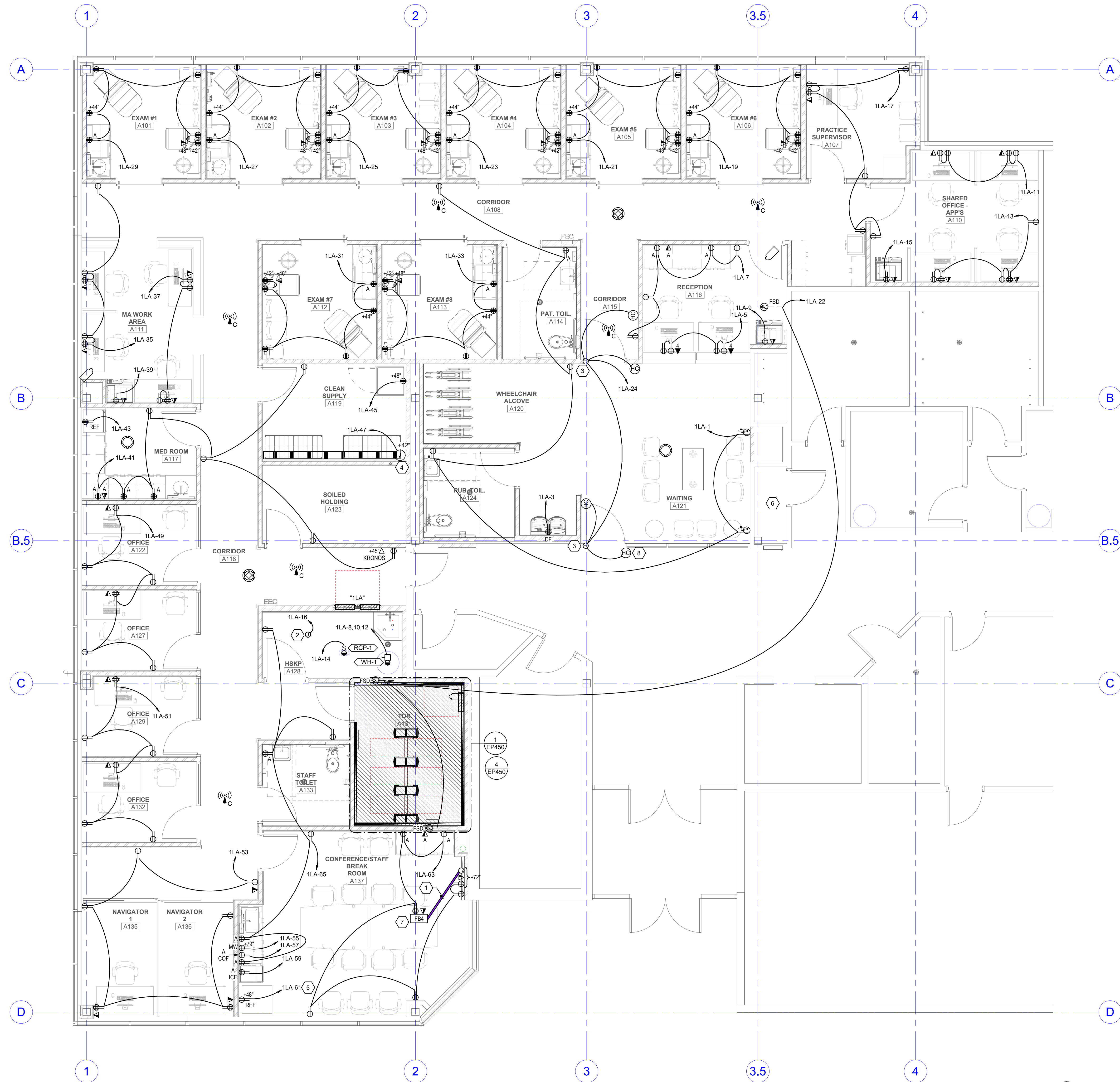
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LEVEL 1
ELECTRICAL
CEILING
DEMOLITION
PLAN
ED102

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1 LEVEL 1 POWER PLAN
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

1 PROVIDE LABELS ON ALL NEW DEVICES PER PROJECT SPECIFICATIONS CONFORMING WITH DIVISION 26 SPECIFICATIONS FOR IDENTIFICATION OF ELECTRICAL EQUIPMENT AND INTERMOUNTAIN'S DIVISION 27 SPECIFICATIONS PRIOR TO SUBSTANTIAL COMPLETION.

SHEET KEYNOTES

- 1 PROVIDE (1) 1-1/2" CONDUIT FROM FLOOR BOX TO JUNCTION BOX MOUNTED AT MONITOR. PROVIDE (1) HDMI CABLE. TERMINATE HDMI CABLE IN FLOOR BOX DEVICE AND AT WALL MONITOR WITH FEMALE CONNECTOR.
- 2 JUNCTION BOX FOR VAV CONTROL POWER. EXTEND BRANCH CIRCUIT TO EACH VAV BOX LOCATION. REFER TO MECHANICAL PLANS FOR EXACT LOCATIONS AND ADDITIONAL INFORMATION.
- 3 PROVIDE POWER CONNECTION TO AUTOMATIC DOOR OPERATOR. PROVIDE (1) 3/4" CONDUIT FROM AUTOMATIC DOOR ACTUATOR TO EACH HAND WAVE OPERATOR. PROVIDE CONTROL WIRING PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 4 PROVIDE SINGLE CHANNEL METAL WIREWAY (WALKER LEGRAND SERIES 3000 OR EQUAL) WITH REMOVABLE COVER. PROVIDE DUPLEX RECEPTACLES MOUNTED AT 18" O.C.
- 5 PROVIDE GFCI CIRCUIT BREAKER FOR INDICATED BRANCH CIRCUIT.
- 6 LOCATION OF EXISTING DEMARC ROOM. EXTEND 6 EA, CAT 6A F/UTP CABLES IN FROM TDR A131 TO EXISTING DEMARC ROOM AND TERMINATE ON WALL MOUNTED BOX. USE SIEMON MX-SM26-02.
- 7 COORDINATE FINAL FLOOR BOX LOCATION WITH FURNITURE VENDOR FOR CONFERENCE TABLE ACCESS PRIOR TO ROUGH-IN.
- 8 MOUNT HAND WAVE AUTO OPERATOR ON MULLION.



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LEVEL 1
POWER PLAN

EP101

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1 LEVEL 1 ELECTRICAL CEILING PLAN

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



GENERAL SHEET NOTES

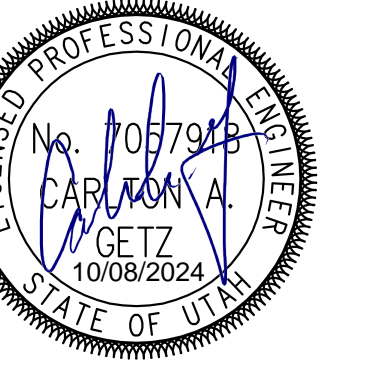
- 1 PROVIDE LABELS ON ALL NEW DEVICES PER PROJECT SPECIFICATIONS CONFORMING WITH DIVISION 26 SPECIFICATIONS FOR IDENTIFICATION OF ELECTRICAL EQUIPMENT AND INTERMOUNTAIN'S DIVISION 27 SPECIFICATIONS PRIOR TO SUBSTANTIAL COMPLETION.

SHEET KEYNOTES

- 1 LOCATION OF EXISTING DEMARC ROOM. EXTEND 6 EA., CAT 6A F/UTP CABLES IN FROM TDR A131 TO EXISTING DEMARC ROOM AND TERMINATE ON WALL MOUNTED BOX. USE SIEMON MX-SMZ6-02.
- 2 CONTRACTOR TO PROVIDE AND INSTALL 1 EA. 2" CND SLEEVE THROUGH WALL FOR CABLE PATHWAY BETWEEN DEMARC ROOM AND TDR A131. CONTRACTOR TO PROPERLY SEAL CONDUIT PENETRATION AFTER INSTALLATION IS COMPLETE.
- 3 CONTRACTOR TO PROVIDE AND INSTALL TRIPLE-TREE J-HOOK PATHWAY ABOVE CABLE TRAY IN ACCESSIBLE CEILING SPACE.

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LEVEL 1
ELECTRICAL
RACEWAY
PLAN

EP201

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ENLARGED TELECOM PLANS

EP450

1. PROVIDE LABELS ON ALL NEW DEVICES PER PROJECT SPECIFICATIONS CONFORMING WITH DIVISION 26 SPECIFICATIONS FOR IDENTIFICATION OF ELECTRICAL EQUIPMENT AND INTERMOUNTAIN'S DIVISION 27 SPECIFICATIONS PRIOR TO SUBSTANTIAL COMPLETION.

- # SHEET KEYNOTES
- 1 UPS-A MOUNTED IN INDICATED RACK
 - 2 SPLIT SYSTEM INDOOR UNIT AND OUTDOOR UNIT POWERED ON SAME CIRCUIT. VERIFY EXISTING CIRCUIT REQUIREMENTS WITH MANUFACTURER PRIOR TO INSTALLATION.
 - 3 JUNCTION BOX FOR SECURITY CONTROL POWER. EXTEND BRANCH CIRCUIT TO EACH SECTOR CONTROL POWER LOCATION. COORDINATE WITH SECURITY SYSTEMS INSTALLER FOR ALL REQUIRED CONTROL POWER LOCATIONS AND REFER TO DOOR HARDWARE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
 - 4 JUNCTION BOX FOR POWER CONNECTION TO MECHANICAL AET PANEL.

1 UPS-A MOUNTED IN INDICATED RACK

- 2 SPLIT SYSTEM INDOOR UNIT AND OUTDOOR UNIT POWERED ON SAME CIRCUIT. VERIFY EXACT CIRCUITING REQUIREMENTS WITH MANUFACTURER PRIOR TO INSTALLATION.
- 3 JUNCTION BOX FOR SECURITY CONTROL POWER. EXTEND BRANCH CIRCUIT TO EACH SECURITY CONTROL POWER LOCATION. COORDINATE WITH SECURITY SYSTEMS INSTALLER FOR ALL REQUIRED CONTROL POWER LOCATIONS AND REFER TO DOOR HARDWARE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 4 JUNCTION BOX FOR POWER CONNECTION TO MECHANICAL ATC PANEL.

SCALE

21

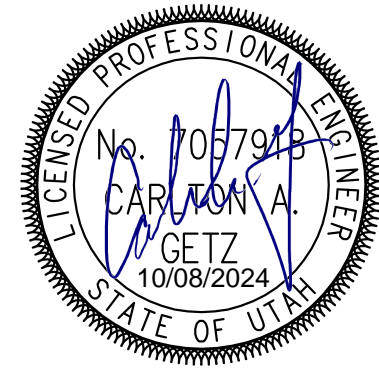
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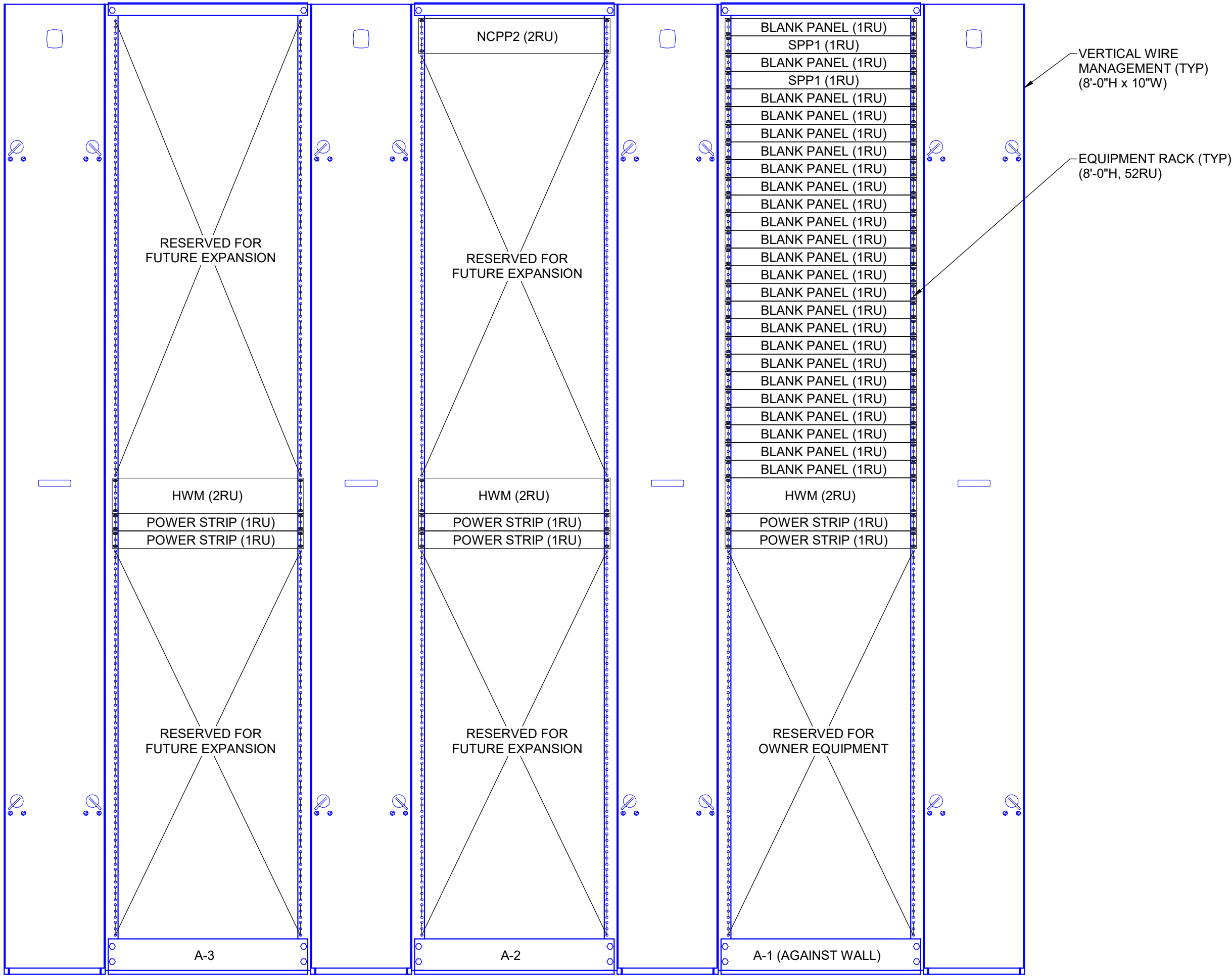


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DATA DEVICE DROP SCHEDULE - TDR A131				
DATA DEVICE TYPE	DETAIL LOCATION	COMM ROOM LOCATION	TOTAL BY FLOOR	NUM. OF DROPS
Level 1				
CEILING DATA - CAMERA (1-DROP)	<varies>	TDR A131	4	4
CEILING WIRELESS ACCESS POINT (2-DROP)	DETAIL 3/EP551	TDR A131	6	12
FLOOR DATA (2-DROP)	DETAIL 1/EP551	TDR A131	1	2
WALL DATA (1-DROP)	DETAIL 14/EP551	TDR A131	1	1
WALL DATA (2-DROP)	DETAIL 1/EP551	TDR A131	30	60
WALL DATA (4-DROP)	DETAIL 2/EP551	TDR A131	2	8
WALL DATA - ABOVE COUNTER (2-DROP)	DETAIL 1/EP551	TDR A131	3	6
WALL DATA - CAMERA (1-DROP)	DETAIL 4/EP551	TDR A131	3	3
GRAND TOTAL			50	96



1 EQUIPMENT RACK ELEVATION DETAIL, LEVEL 1, TDR A131
SCALE: NTS

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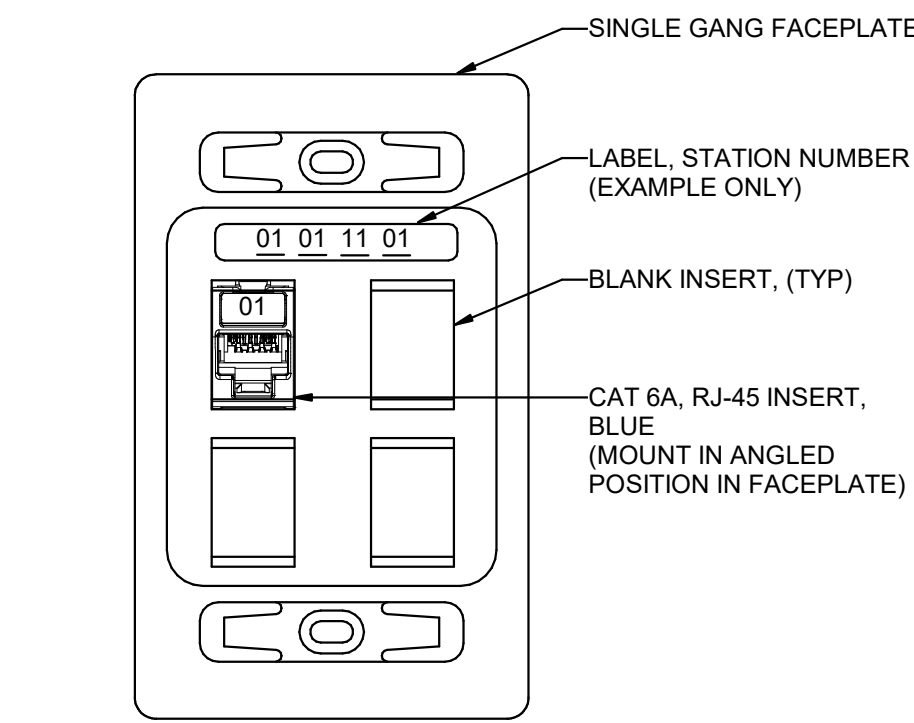
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Construction Documents Oct 8, 2024

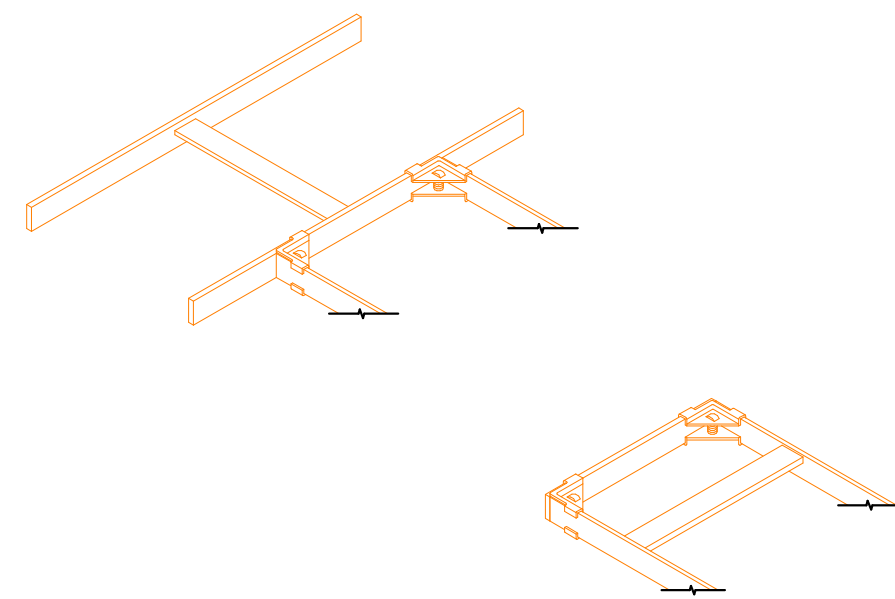
TELECOM
EQUIPMENT
RACK
ELEVATIONS

EP550

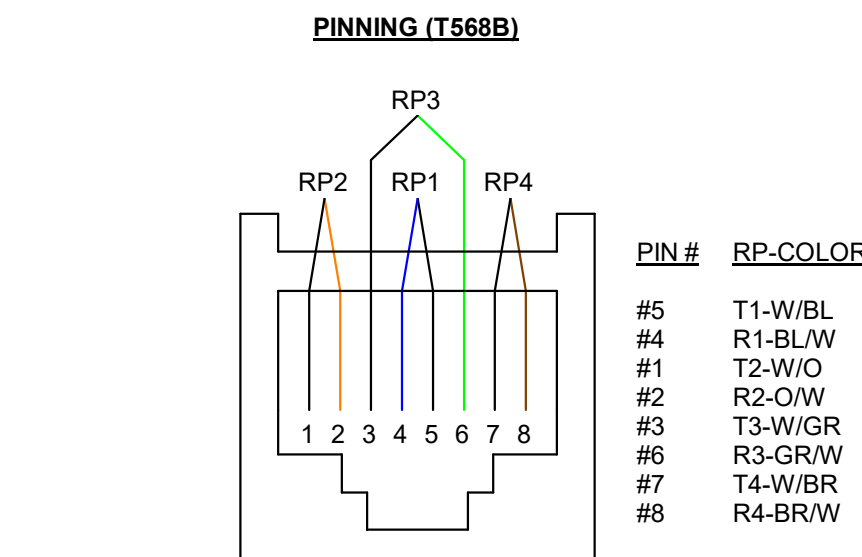
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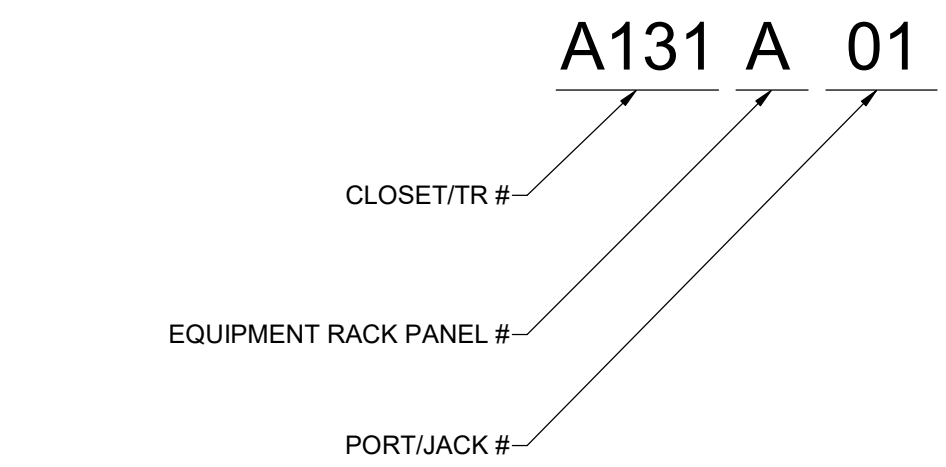
14 TYPICAL 1-PORT WALL DATA OUTLET
SCALE: NTS



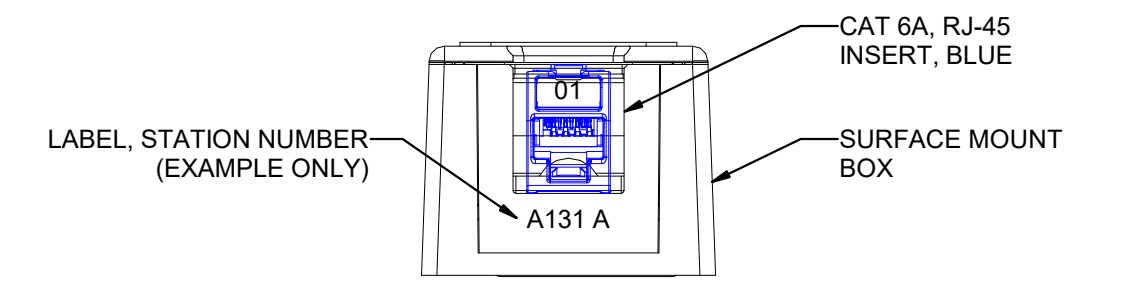
13 TYPICAL LADDER RACK RUNWAY SPLICE/ END CLOSING DETAIL
SCALE: NTS



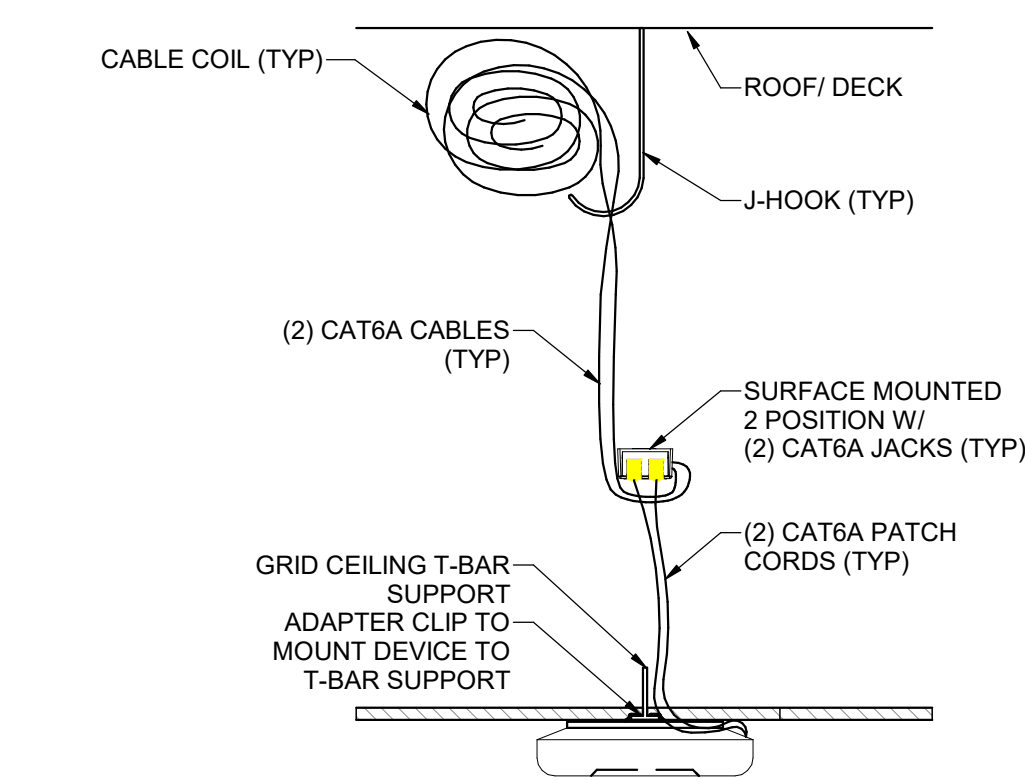
9 TYPICAL VOICE/DATA OUTLET PINNING DETAIL
SCALE: NTS



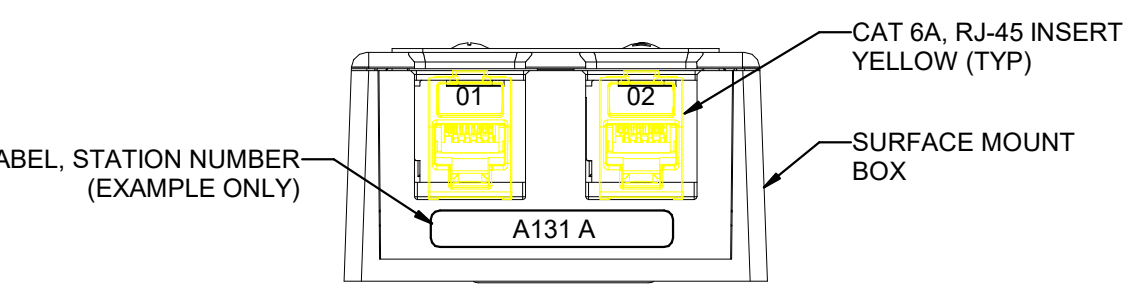
5 TYPICAL CABLE IDENTIFICATION DETAIL (EXAMPLE)
SCALE: NTS



4 TYPICAL 1-PORT CAMERA DATA OUTLET
SCALE: NTS

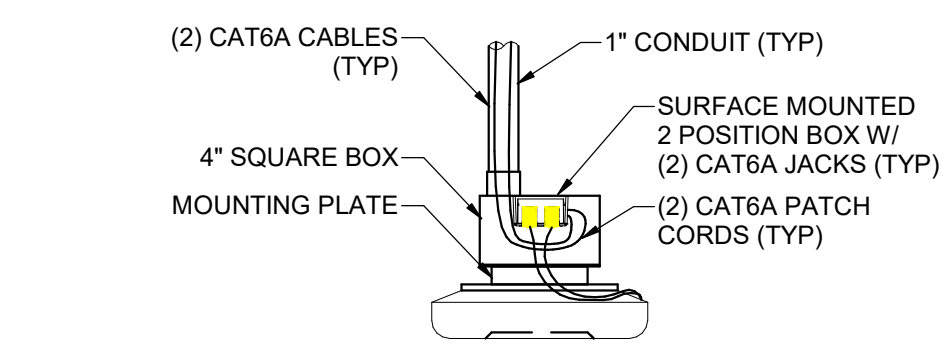


8 WIRELESS ACCESS POINT MOUNTING DETAIL (T-BAR)
SCALE: NTS

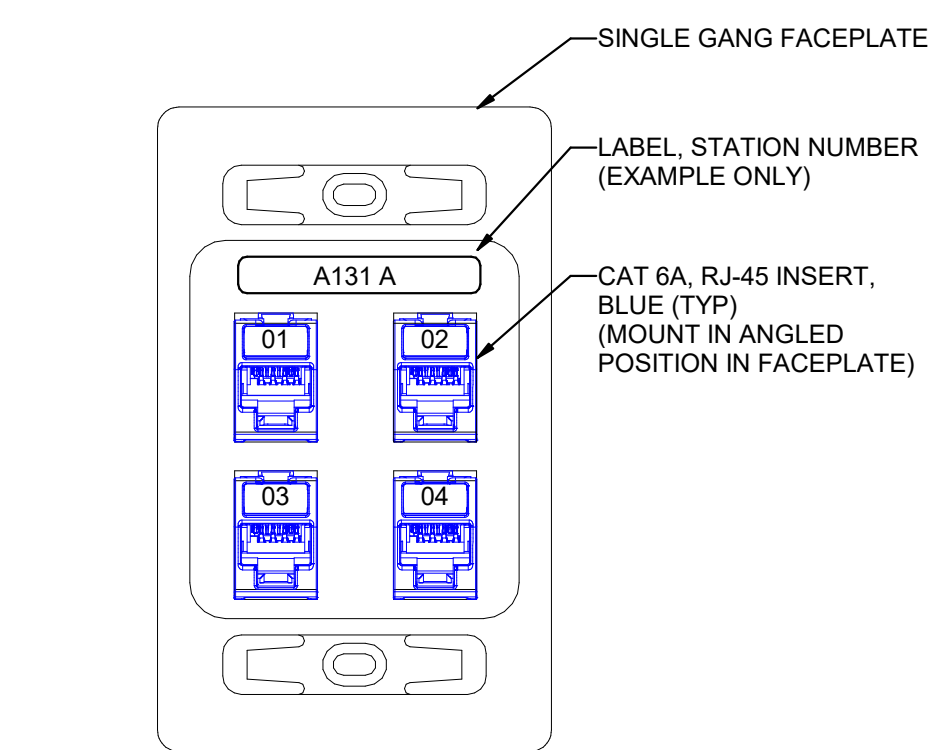


3 TYPICAL 2-PORT WIRELESS ACCESS POINT
SCALE: NTS

12 TYPICAL LADDER RACK TRIANGLE BRACKET DETAIL
SCALE: NTS

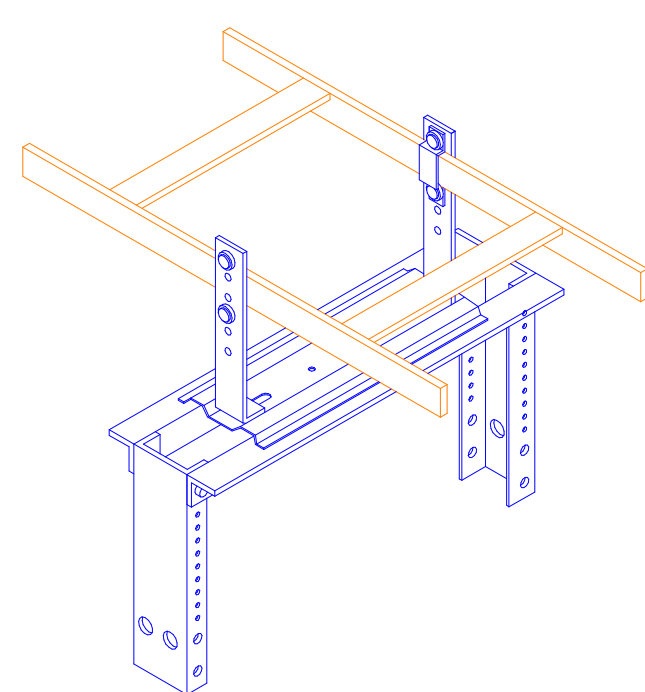


7 WIRELESS ACCESS POINT MOUNTING DETAIL (OPEN CEILING)
SCALE: NTS

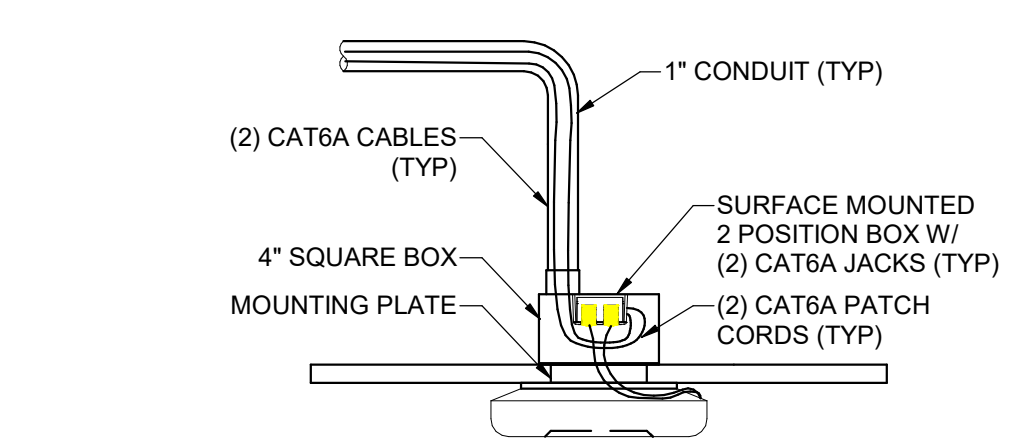
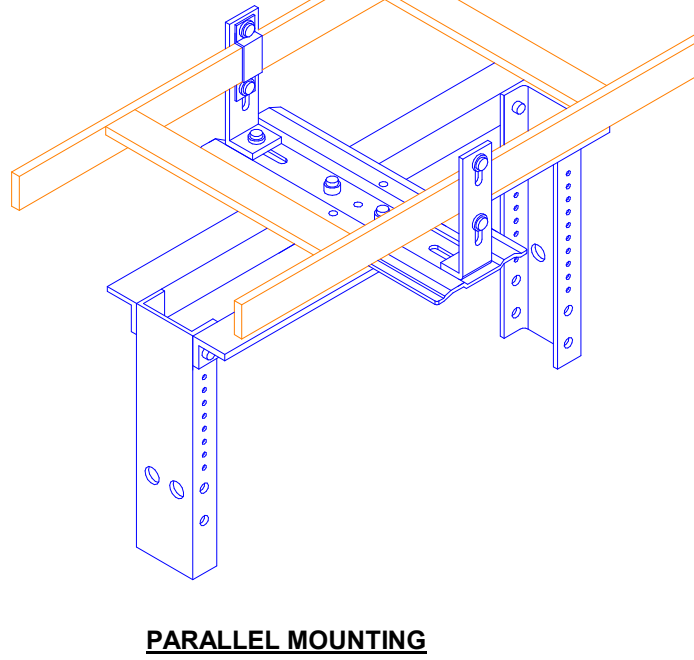


2 TYPICAL 4-PORT WALL DATA OUTLET
SCALE: NTS

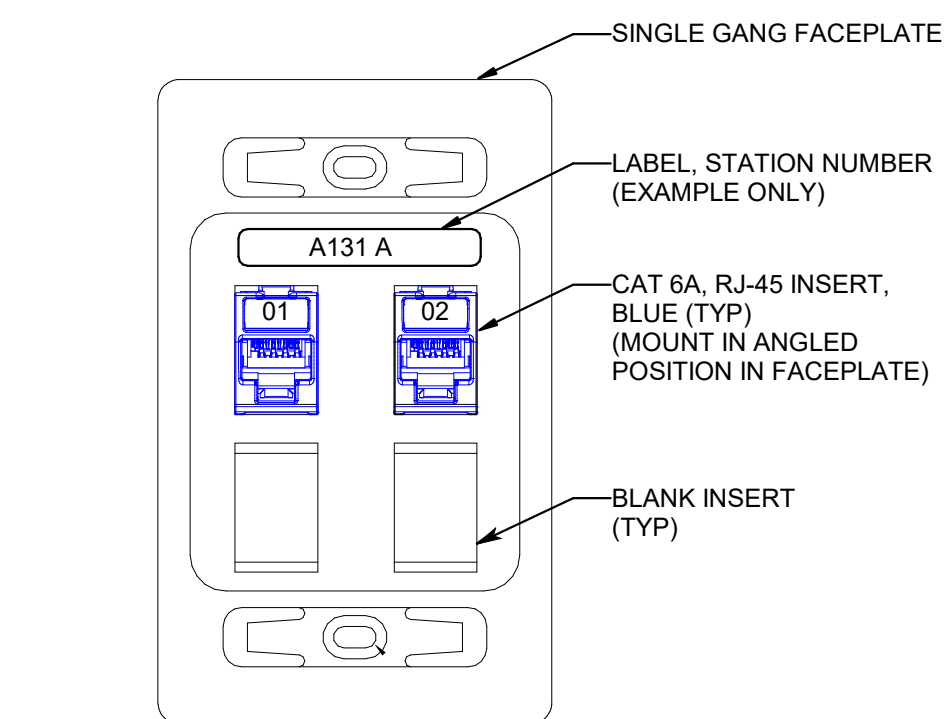
11 TYPICAL LADDER RACK W/ WATERFALL MOUNTING DETAIL
SCALE: NTS



10 TYPICAL 6" CHANNEL RACK-TO-RUNWAY MOUNTING PLATE DETAIL
SCALE: NTS



6 WIRELESS ACCESS POINT MOUNTING DETAIL (HARD-LID CEILING)
SCALE: NTS



1 TYPICAL 2-PORT WALL DATA OUTLET
SCALE: NTS



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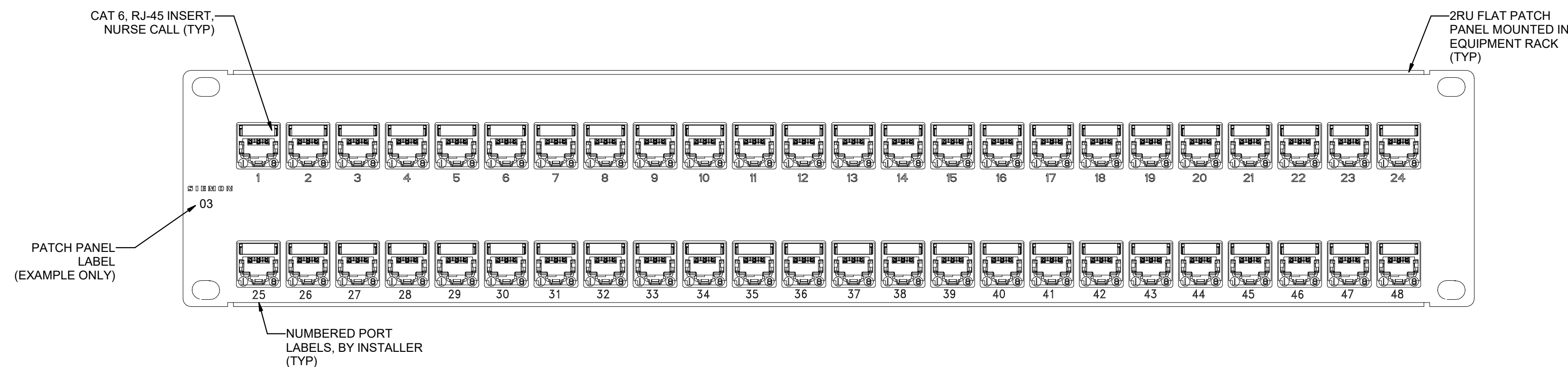
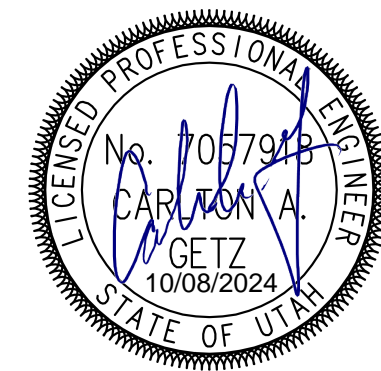
TELECOM DETAILS

EP551

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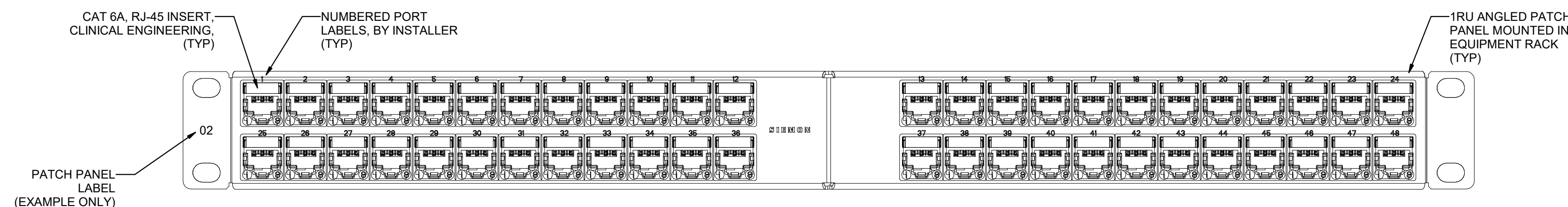


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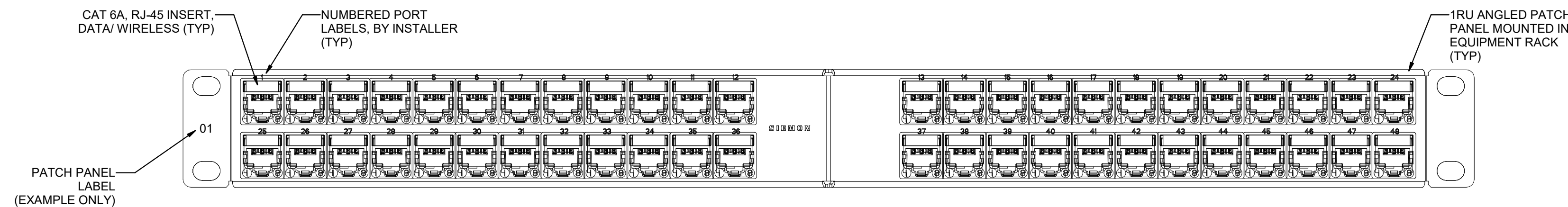
4 NURSE CALL PATCH PANEL DETAIL (NCPP2)

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



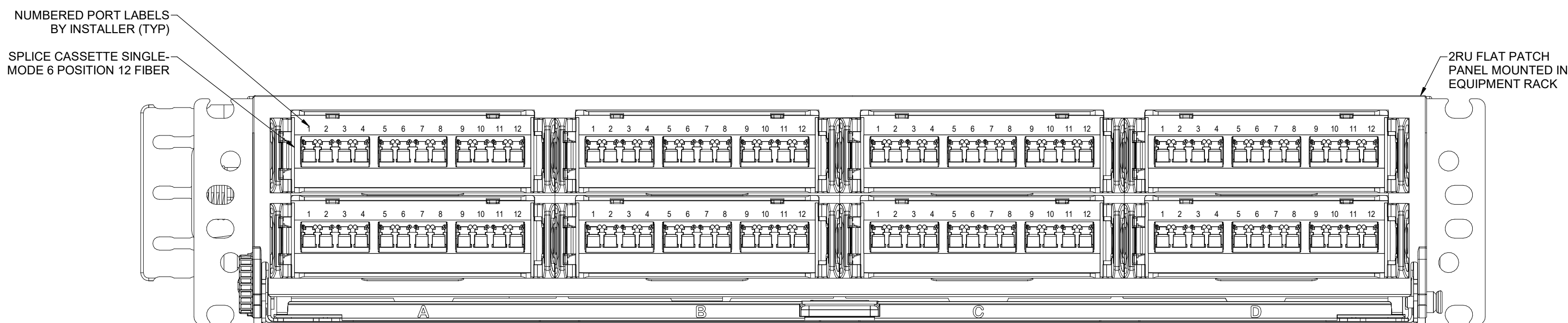
3 CLINICAL ENGINEERING PATCH PANEL DETAIL (CEPP1)

SCALE: NTS



2 STATION PATCH PANEL, SPP1, SIEMON, ANGLED

SCALE: NTS



1 FIBER PATCH PANEL DETAIL (FPP2)

SCALE: NTS

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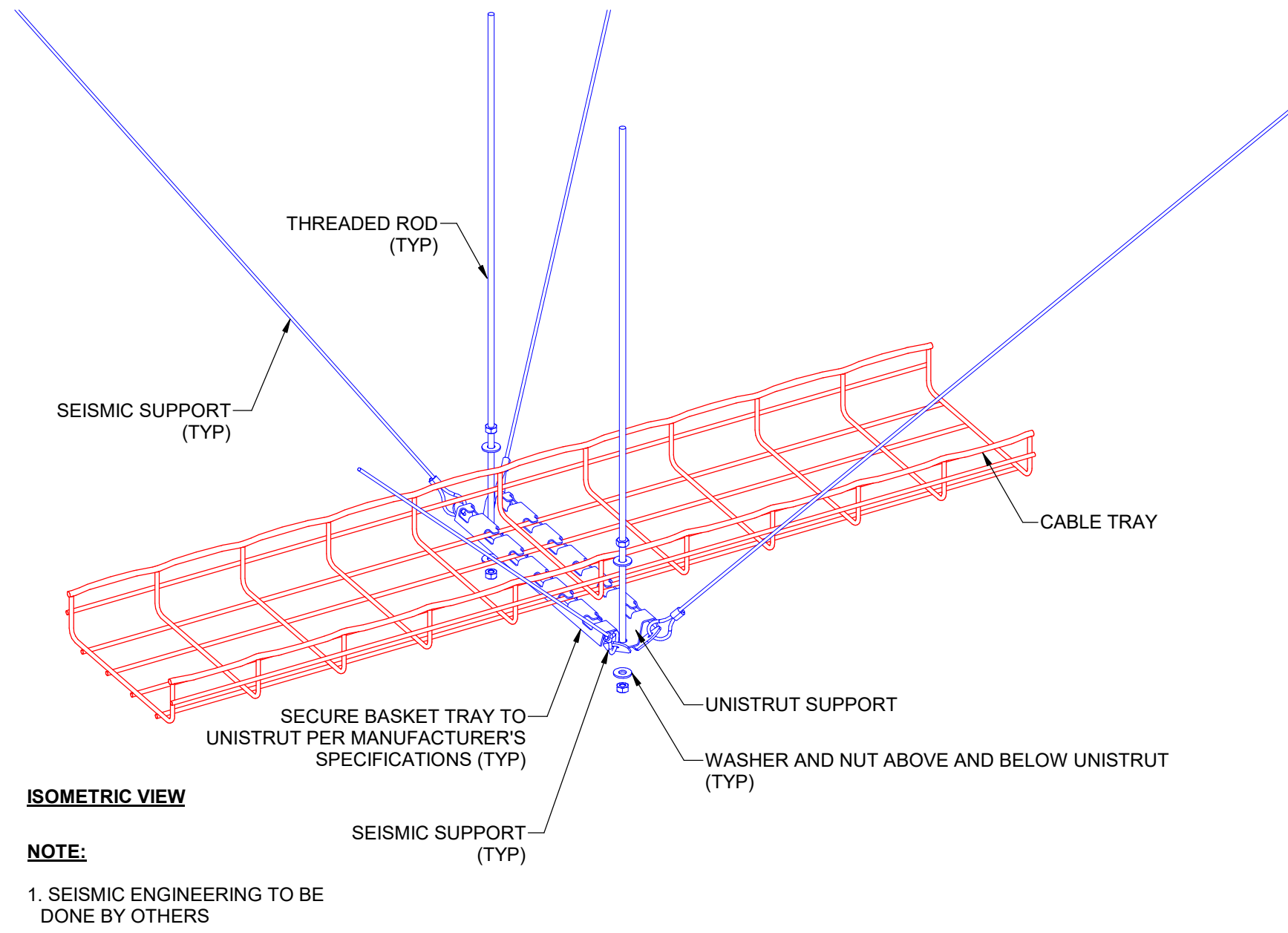
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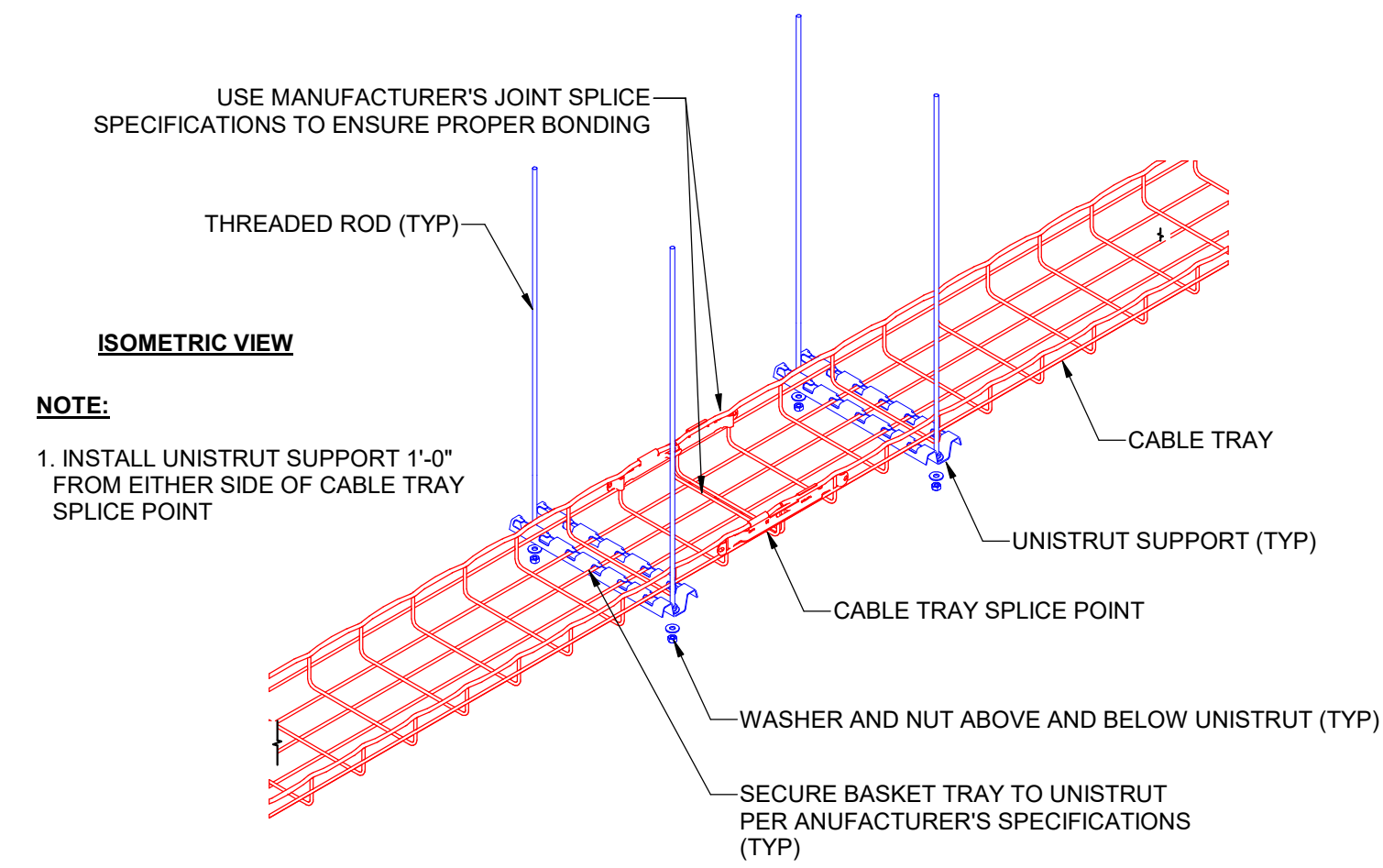
TELECOM
DETAILS

EP552

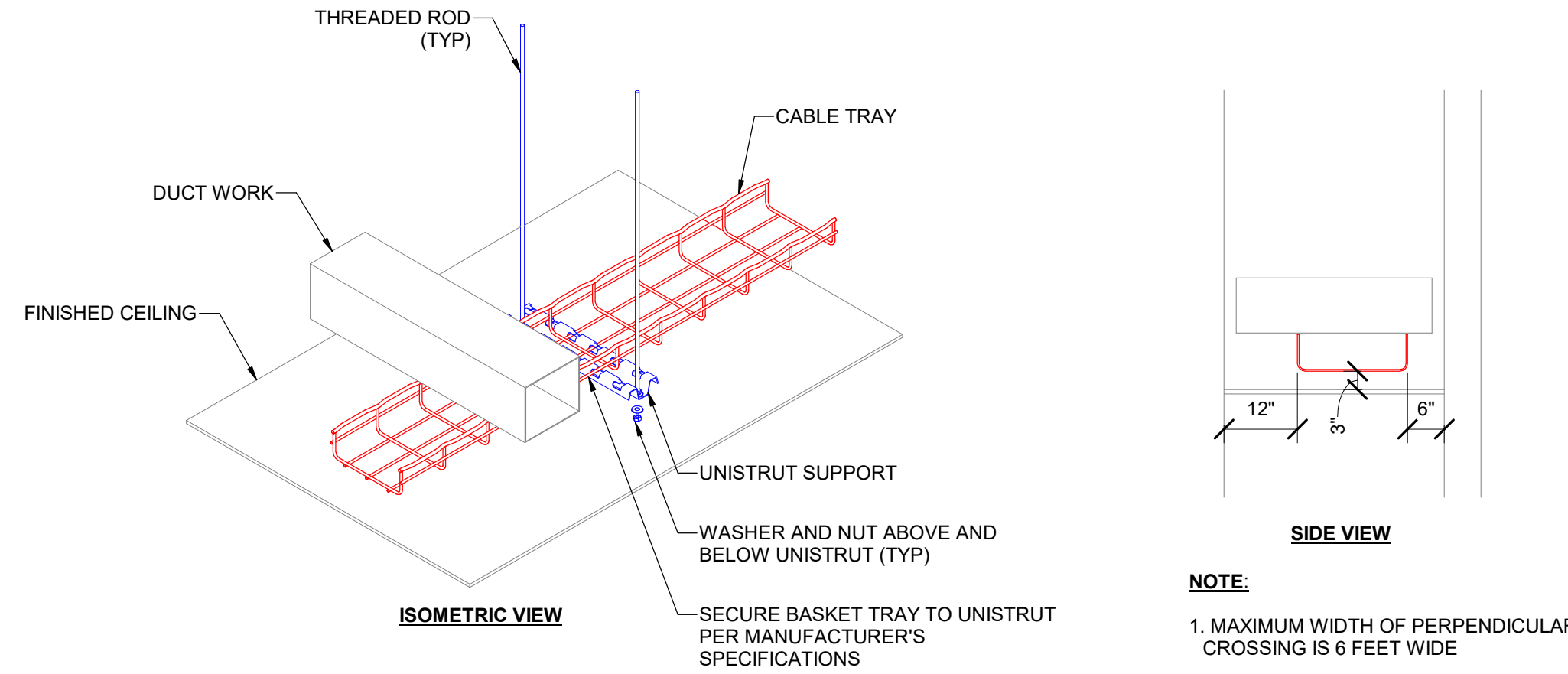
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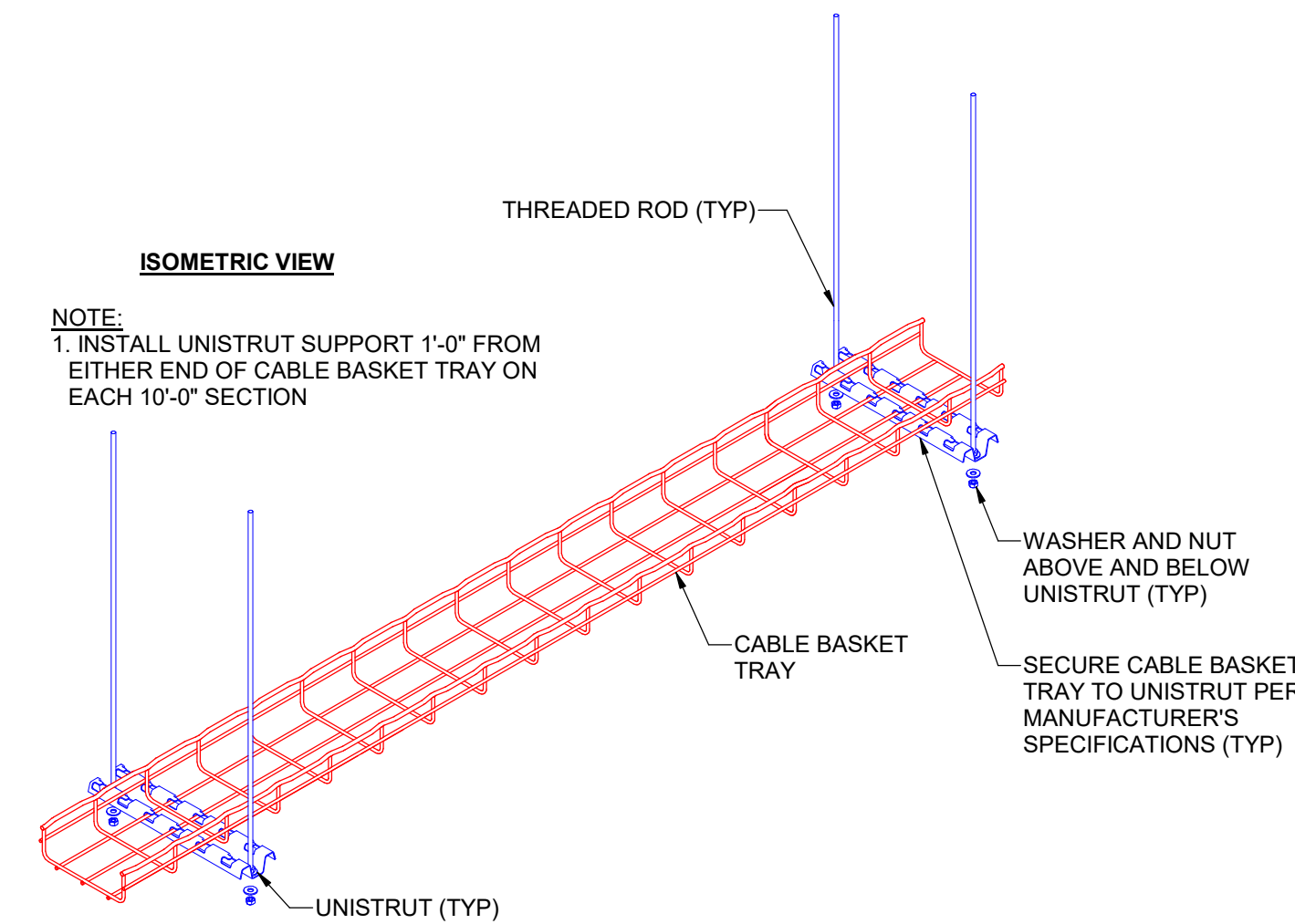
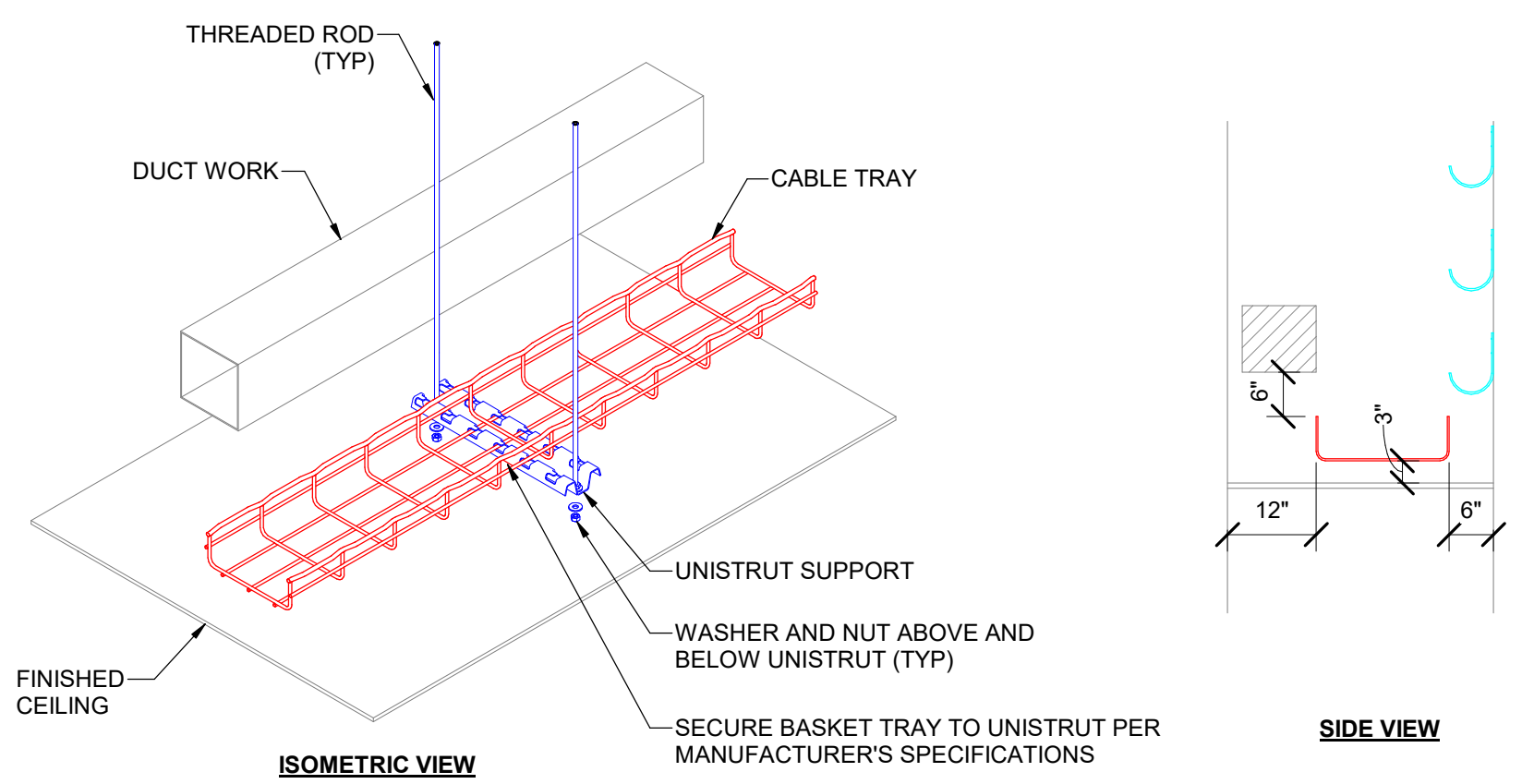
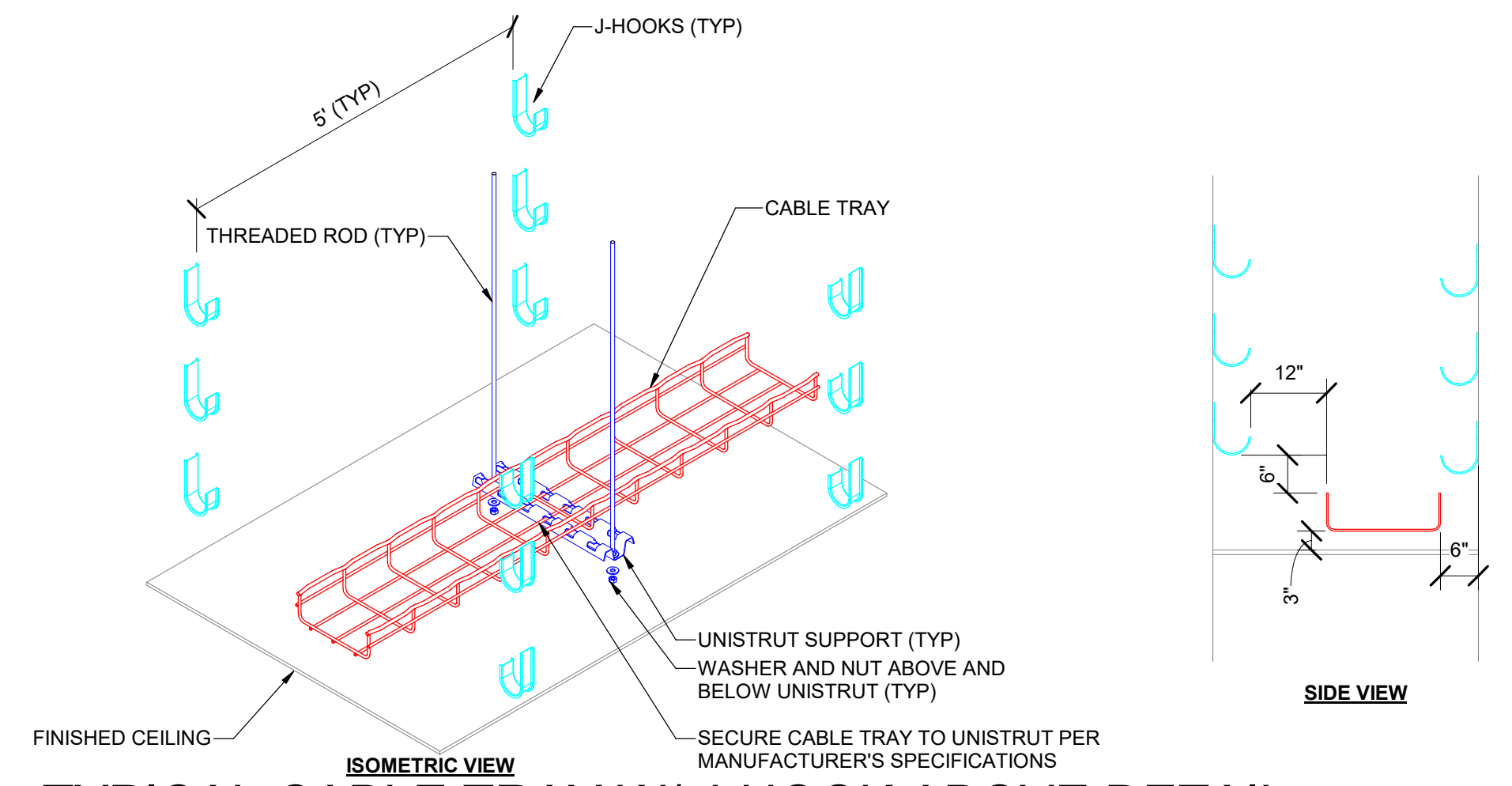
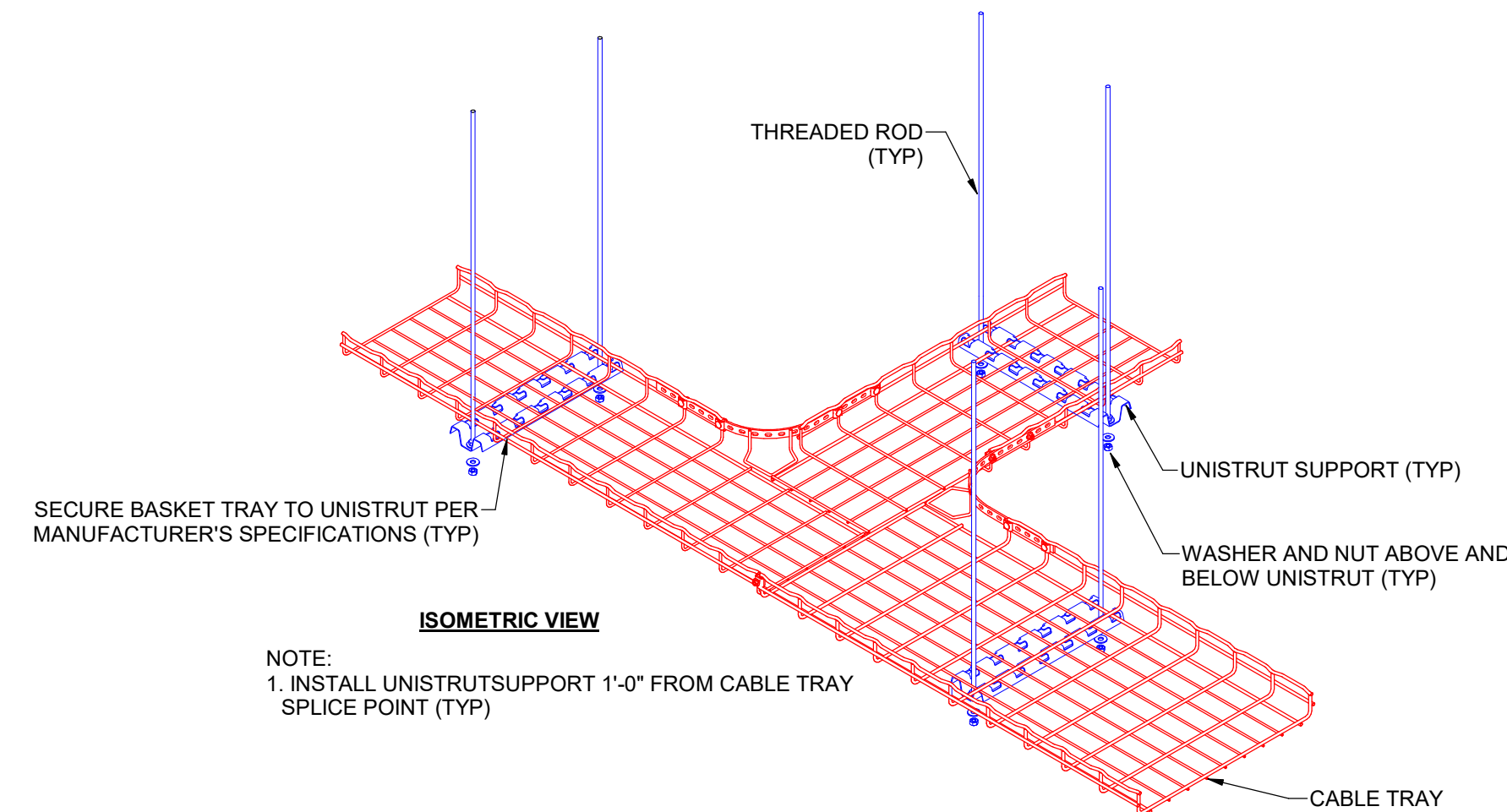
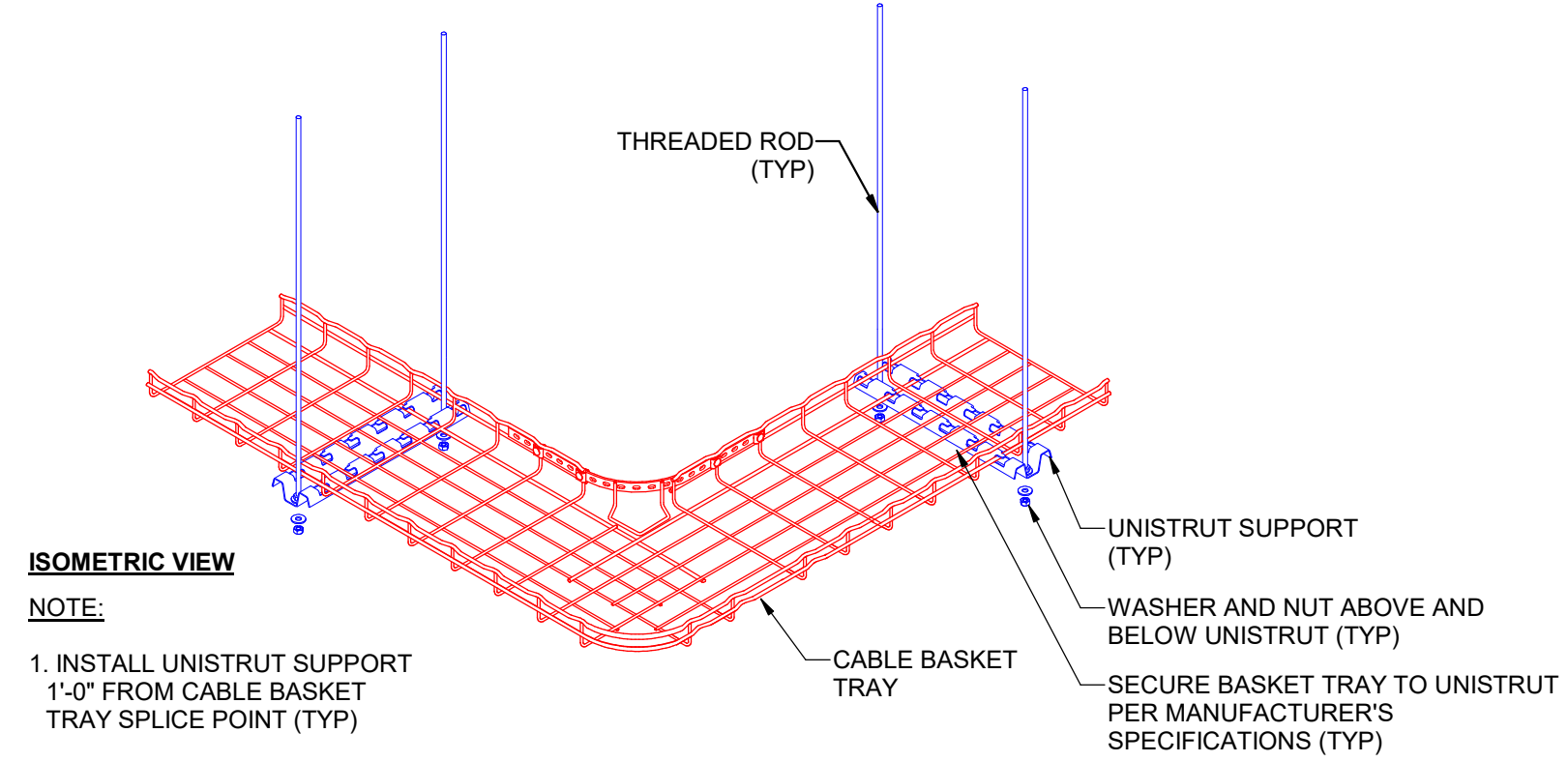
8 TYPICAL CABLE TRAY W/ SEISMIC SUPPORTS DETAIL
SCALE: NTS



4 TYPICAL CABLE TRAY W/ SUPPORT AT SPLICE POINT DETAIL
SCALE: NTS



7 TYPICAL CABLE TRAY W/ PERPENDICULAR CROSSING DETAIL
SCALE: NTS



1 TYPICAL 10'-0" CABLE TRAY SECTION W/ SUPPORT DETAIL
SCALE: NTS

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GENERAL SHEET NOTES

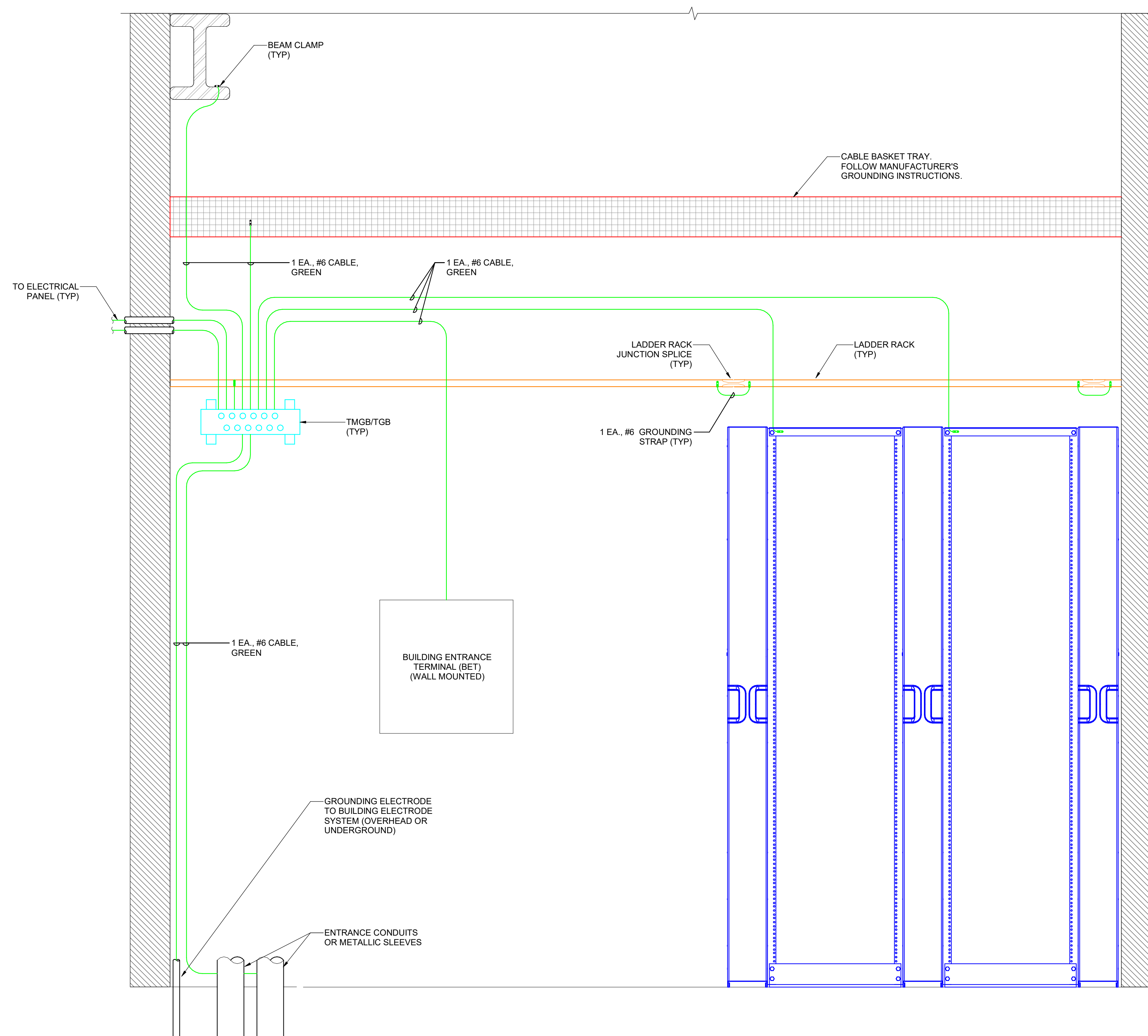
- 1 GROUNDING DETAIL SHOWN IS FOR DIAGRAMMATIC PURPOSES ONLY. ALL WIRE SIZES SHOWN IN COMMUNICATIONS ROOMS ARE TO BE USED. ANY WIRE SIZING TO GROUNDING BUS BAR AND BUILDING GROUND ARE SHOWN IN THE DIV. 26 SPECIFICATIONS.
- 2 ALL LOW VOLTAGE COMMUNICATIONS CONDUIT IN COMMUNICATIONS ROOM SHALL BE GROUNDED TO TELECOMMUNICATIONS GROUNDING BUS BAR.
- 3 "TMGB" SHOULD BE 1/4"x4"x24".
- 4 "TGB" SHOULD BE 1/4"x2"x24".
- 5 EMT CONDUIT GROUNDING CLAMP SHOULD BE ELECTROLYTIC CAST BRONZE (PANDUIT PART NUMBER GPL-X'-X', OR EQUAL).
- 6 RIGID CONDUIT GROUND CLAMP SHOULD BE PART NUMBER O-2/GEDNEY BLG-XXXX, OR HBLG-XXXX, OR EQUAL.
- 7 GROUNDING LUGS SHOULD BE TWO-HOLE LONG BARREL LUGS (PANDUIT PART NUMBER LCC6, OR EQUAL).



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1 TYPICAL TELECOM EQUIPMENT RACK GROUNDING DETAIL
SCALE: NTS

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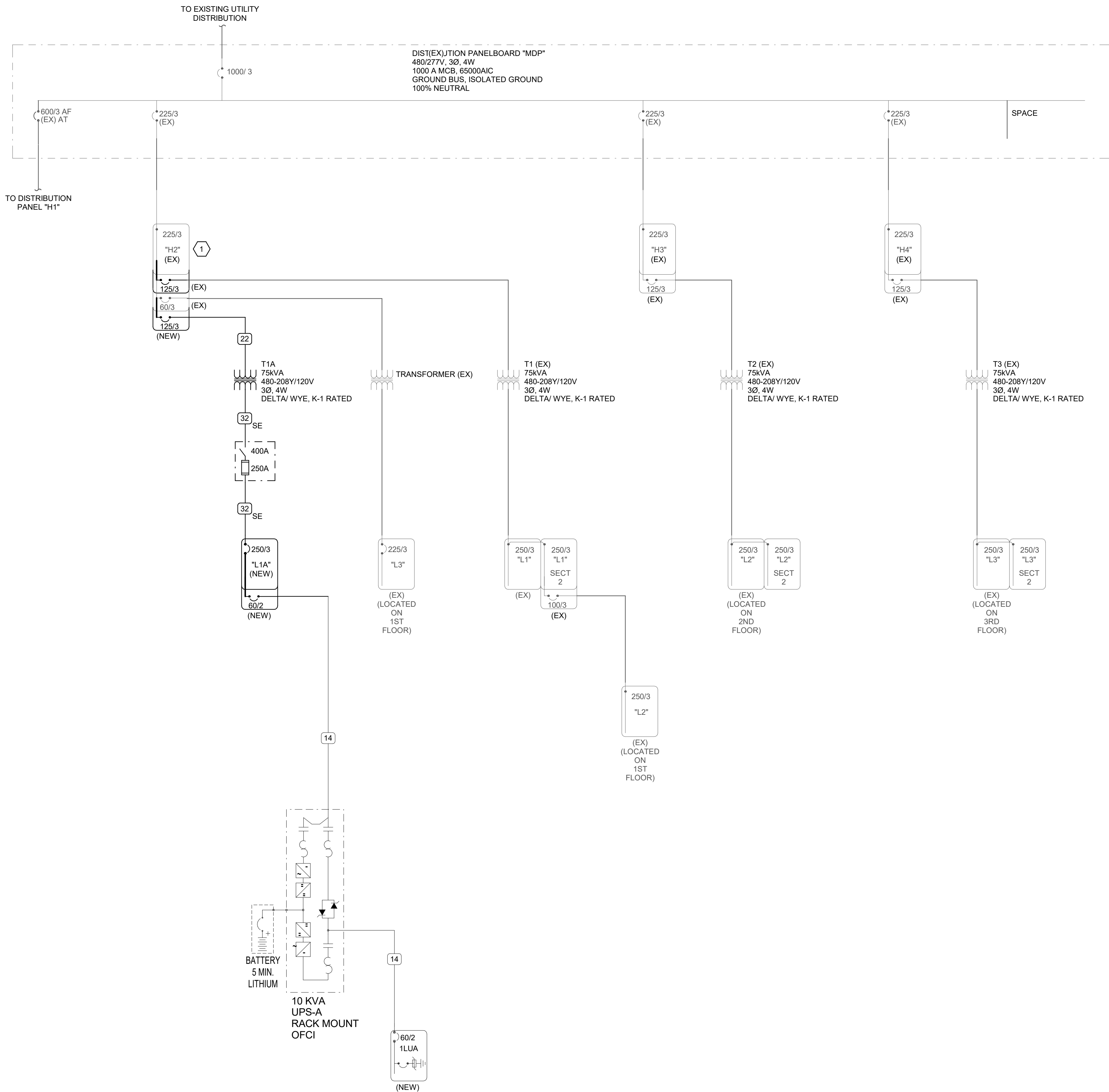
TELECOM
EQUIPMENT
RACK
GROUNDING
DETAIL
EP554

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PARTIAL ONE-LINE DIAGRAM

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



BRANCH CIRCUIT CONDUCTOR AND CONDUIT SIZING TABLE

CIRCUIT AMPACITY/VOLTAGE	CIRCUIT LENGTH	CONDUCTOR SIZE (PHASE, NEUTRAL AND GR)	CONDUIT SIZE
20A/120V	0' - 60'	#12 AWG	0.75" Ø
20A/120V	60' - 95'	#10 AWG	0.75" Ø
20A/120V	95' - 150'	#8 AWG	1" Ø
20A/120V	150' - 240'	#6 AWG	1.25" Ø
20A/277V	0' - 140'	#12 AWG	0.75" Ø
20A/277V	140' - 220'	#10 AWG	0.75" Ø
20A/277V	220' - 350'	#8 AWG	1" Ø
20A/277V	350' - 550'	#6 AWG	1.25" Ø

NOTES:

- WIRE SIZING IS BASED ON COPPER CONDUCTORS SUPPLYING A 20A, 120V CIRCUIT AT THE INDICATED VOLTAGE, ASSUMED TO BE 80% LOADED (16A), WITH MAXIMUM VOLTAGE DROP OF 3% AT THE LOAD.
- DOWN-SIZED WIRE AT DEVICE/LOAD AS REQUIRED AND TERMINATE CONDUCTORS IN A SAFE AND CODE COMPLIANT MANNER.
- CONDUIT SIZE IS BASED ON A MAXIMUM OF 3 CIRCUITS PER CONDUIT, EACH WITH A SEPARATE NEUTRAL CONDUCTOR.

EQUIPMENT NAMEPLATE SCHEDULE

EQUIPMENT ID SCHEME	FIRST DIGIT - BUILDING LEVEL (0, 1, 2, ETC) SECOND DIGIT - PANEL TYPE M - MECHANICAL H - (277/480) L - (120/208) E - EMERGENCY S - STANDBY Q - EQUIPMENT U - UPS K - KITCHEN (120/208) THIRD DIGIT - BUILDING AREA (A, B, C, ETC) FOURTH DIGIT - SEQUENCE # (1,2,3,...)
LABEL FORMAT	[NAME] [SYSTEM] [VOLTAGE] [FED FROM] [SOURCE(S)]
LABEL EXAMPLE	PANEL "AL1A" STANDBY POWER 120/208V FED FROM BUS-A / XFMR 4TA
BUSWAY	LABEL BUSWAY EVERY 6' WHERE EXPOSED TO VIEW AND EVERY 15' WHERE NOT EXPOSED TO VIEW
OTHER	

GENERAL SHEET NOTES

- PROVIDE NEMA 3R ENCLOSURES FOR EQUIPMENT LOCATED OUTDOORS. REFER TO PLANS FOR EQUIPMENT LOCATIONS.
- REFER TO PLANS FOR CONSTRAINTS ON PHYSICAL DIMENSIONS AND CLEARANCE REQUIREMENTS OF EQUIPMENT. PROVIDE EQUIPMENT DIMENSIONS THAT FALL WITHIN THE CONSTRAINTS OF EACH SPECIFIC LOCATION.
- ALL EQUIPMENT SHALL BE CONSTRUCTED AND BRACED FOR THE SEISMIC CONDITIONS OF THE PROJECT. REFER TO ELECTRICAL SPECIFICATIONS FOR REQUIREMENTS.
- PROVIDE PERFORMANCE TESTING FOR GROUND-Fault PROTECTION SYSTEMS ON SITE WITH A WRITTEN RECORD OF THIS TEST SUBMITTED TO THE AUTHORITY HAVING JURISDICTION PER NEC 230.95(C).

SHEET KEYNOTES

- CONTRACTOR TO PROVIDE 30 DAYS OF METERING ON PANEL "H2." REPORT RESULTING PEAK LOAD INFORMATION TO ARCHITECT AND ENGINEER OF RECORD.

COPPER CONDUCTOR AND CONDUIT SCHEDULE

SCHEDULE NUMBER (E.G. 5) G									
SUBSCRIPT (NOTE 5)									
SYM	AMP	HH	CONDUIT SIZE	CONDUCTOR (NOTE 1) QTY	SIZE	G	IG/HH	SE	NOTES
(1)	20	-	.75	2	12	12	12	8	2
(2)	20	-	.75	3	12	12	12	8	2,3
(3)	20	24	.75	4	12	12	12	8	2,3
(4)	30	-	.75	2	10	10	10	8	2
(5)	30	-	.75	3	10	10	10	8	2
(6)	30	32	.75	4	10	10	10	8	2
(7)	40	-	1	2	8	10	8	6	2
(8)	40	-	1	3	8	10	8	6	2
(9)	40	44	1	4	8	10	8	6	2
(10)	55	-	1	2	6	10	8	4	2
(11)	55	-	1	3	6	10	8	4	2
(12)	55	60	1.25	4	6	10	8	4	2
(13)	70	-	1	2	4	8	4	2	2
(14)	70	-	1.25	3	4	8	4	2	2
(15)	70	76	1.25	4	4	8	4	2	2
(16)	85	-	1.25	2	3	8	3	2	2
(17)	85	-	1.25	3	3	8	3	2	2
(18)	85	92	1.25	4	3	8	3	2	2
(19)	95	-	1.25	3	2	8	2	2	2
(20)	95	104	1.50	4	2	8	2	2	2
(21)	130	-	1.50	3	1	6	2	2	2
(22)	130	116	1.50	4	1	6	2	2	2
(23)	150	-	2	3	1/0	6	2	1/0	2
(24)	150	136	2	4	1/0	6	2	1/0	2
(25)	175	-	2	3	2/0	6	2	2/0	2
(26)	175	156	2	4	2/0	6	2	2/0	2
(27)	200	-	2	3	3/0	6	2	2/0	2
(28)	200	180	2.50	4	3/0	6	2	2/0	2
(29)	230	-	2.50	3	4/0	4	2	2/0	2
(30)	230	208	2.50	4	4/0	4	2	2/0	2
(31)	255	-	2.50	3	250	4	1	2/0	2
(32)	255	232	2.50	4	250	4	1	2/0	2
(33)	310	-	3	3	350	3	1/0	3/0	2
(34)	310	280	3	4	350	3	1/0	3/0	2
(35)	380	-	3.50	3	500	3	3/0	3/0	2
(36)	380	344	4	4	500	3	3/0	3/0	2
(37)	400	-	2 EA 2	3	3/0	3	3/0	3/0	2
(38)	400	360	2 EA 2.50	4	3/0	3	3/0	3/0	2
(39)	510	-	2 EA 2.50	3	250	1	4/0	3/0	2
(40)	510	464	2 EA 3	4	250	1	4/0	3/0	2
(41)	620	-	2 EA 3	3	350	1/0	4/0	3/0	2,4
(42)	620	560	2 EA 3	4	350	1/0	4/0	3/0	2,4
(43)	760	-	2 EA 3.50	3	500	1/0	4/0	3/0	2,4
(44)	760	688	2 EA 4	4	500	1/0	4/0	3/0	2,4
(45)	855	-	3 EA 3	3	300	2/0	4/0	3/0	2,4
(46)	855	768	3 EA 3	4	300	2/0	4/0	3/0	2,4
(47)	1000	-	3 EA 3.50	3	400	2/0	4/0	3/0	4
(48)	1000	912	3 EA 3.50	4	400	2/0	4/0	3/0	4
(49)	1140	-	3 EA 4	3	500	3/0	4/0	3/0	4
(50)	1140	1032	3 EA 4	4	500	3/0	4/0	3/0	4
(51)	1240	-	4 EA 3	3	350	3/0	4/0	3/0	4
(52)	1240	1120	4 EA 3	4	350	3/0	4/0	3/0	4
(53)	1675	1520	5 EA 4	4	400	4/0	4/0	4/0	4
(54)	2010	1824	6 EA 4	4	400	250	250	250	4
(55)	2660	2408	7 EA 4	4	500	350	350	350	4
(56)	3040	2752	8 EA 4	4	500	500	500	500	4
(57)	4180	3784	11 EA 4	4	500	500	500	500	4
(58)	1200	-	5 EA 4	-	-	-	-	-	6
(59)	3000	-	10 EA 6	-	-	-	-	-	6
(60)	-	-	10 EA 4	-	-	-	-	-	6

CONDUCTOR AND CONDUIT SCHEDULE NOTES

- CONDUCTORS SHOWN ARE SHOWN FOR EACH CONDUIT WITH MODIFICATIONS AS NOTED IN NOTE 5. ALL CONDUCTORS SHOWN ARE THWN UNLESS OTHERWISE NOTED.
- PROVIDE EQUIPMENT GROUND CONDUCTORS PER TABLE 250-122 WHEN CIRCUIT BREAKERS ARE SIZED GREATER THAN AMPERE RATINGS SHOWN IN TABLE.
- PROVIDE #10 NEUTRALS FOR MULTI-WIRE BRANCH CIRCUITS SERVING COMPUTERS.
- GROUND (G) CONDUCTOR MAY BE DELETED ON SERVICE ENTRANCE CONDUCTORS.
- SYMBOL SUBSCRIPTS:
 - "2N": INCLUDE TWO NEUTRAL CONDUCTORS SIZED AS SCHEDULED FOR PHASE AND NEUTRAL CONDUCTORS WHERE THE CONDUCTOR IS #1/0 OR LARGER. INCLUDE A SINGLE 200% RATED CONDUCTOR THAT IS TWICE THE AMPACITY OF THE SCHEDULED PHASE AND NEUTRAL CONDUCTOR WHERE THE CONDUCTOR IS BELOW #1/0 IN SIZE.
 - "CI": PROVIDE CIRCUIT INTEGRITY CABLE; TYPE TWO-HOUR FIRE RESISTIVE CABLES IN CONDUIT OR PROVIDE FEEDER ENCASED IN CONCRETE.
 - "FG": FULL SIZE GROUND, SIZE EQUIPMENT GROUNDING CONDUCTOR TO BE SAME SIZE AS THE PHASE CONDUCTORS.
 - "HH": NEUTRAL CURRENTS EXIST DUE TO HIGH HARMONIC "NONLINEAR" LOADS. CURRENT CARRYING CONDUCTORS DERATED ACCORDINGLY. PROVIDE THE IGHH SIZE FOR THE EQUIPMENT GROUNDING CONDUCTOR.
 - "IG": INCLUDE IG (INSULATED/ISOLATED GROUND CONDUCTOR) SCHEDULED ALONG WITH THE GROUND OF EQUIPMENT GROUND CONDUCTOR.
 - "MC": PROVIDE FEEDER IN METAL-CLAD CABLE; TYPE MC IN PLACE OF SINGLE CONDUCTORS IN CONDUIT.
 - "SE": SUBSTITUTE "SE" CONDUCTOR FOR "G" CONDUCTOR SHOWN, WHICH IS SIZED FOR THE GROUNDING OF THE SECONDARY OF THE SEPARATELY DERIVED SYSTEM.
 - "SER": PROVIDE SERVICE-ENTRANCE CABLE; TYPE SE OR SER IN PLACE OF SINGLE CONDUCTORS IN CONDUIT.
- RACEWAY ONLY. CONDUCTORS PROVIDED BY UTILITY.



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Intermountain Kidney Services
Ogden Kidney Clinic

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NJRA Project # 23244.00
Construction Documents Oct 8, 2024

PARTIAL
ONE-LINE
DIAGRAM

EP601

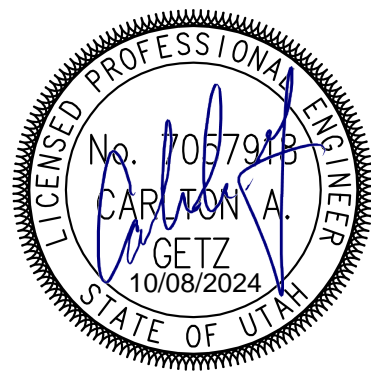
FLOORBOX SCHEDULE																							
ABBREVIATIONS																							
COMPARTMENT GANG				RATINGS				USE				CONNECTION											
- - NOT APPLICABLE				2H - 2-HOUR FIRE RATED, UL LISTED				CF - CONCRETE FLOOR				C1 - RECESSED CABLE CONNECTIONS BELOW FLOOR WITH HINGED LID FOR ACCESS THAT CAN BE CLOSED WHILE IN USE.											
AV - AV CONNECTIONS, REFER TO AV DRAWINGS/SPECIFICATIONS																							
D - DATA RECEPTACLE																							
DR - DUPLEX RECEPTACLE																							
QR - QUADRAPLEX RECEPTACLE																							
NOTES:												COVER											
1 PROVIDE ALL REQUIRED HARDWARE FOR COMPLETE INSTALLATION.												CV1 - FLANGED WITH CARPET INSERT FOR CARPET AREAS, FLANGELESS FLUSH GRAY BRUSHED ALUMINUM LID											
2 INCLUDE SEPARATION BARRIER BETWEEN SYSTEMS AND POWER.																							
ID	DESCRIPTION	DIMENSIONS			COMPARTMENTS								RATINGS	USE	CONNECTION	COVER	FINISH	MANUFACTURER 1	PART #	MANUFACTURER 2	PART #	NOTES	
		LENGTH	WIDTH	DEPTH	GANG 1	GANG 2	GANG 3	GANG 4	GANG 5	GANG 6	GANG 7	GANG 8											
FB4	4 GANG POWER/DATA FLOORBOX	13"	10"	4"	DR	DR	DR	DR	DR	DR	DR	DR	2H	CF	C1	CV1	2P	LEGRAND WALKER	RFB4-4DBFC	HUBBEL	-		

EQUIPMENT SCHEDULE

EQUIPMENT SCHEDULE KEY			NOTES:							GENERAL NOTES:									
E - DIVISION 26 Q - FURNISHED WITH EQUIPMENT, INSTALLED BY DIV 26			1. PROVIDE MANUAL STARTER WITH THERMAL OVERLOAD AND RELAY FOR ATORBAS CONTROL. 2. PROVIDE FUSED DISCONNECT ELEVATOR POWER MODULE WITH SHUNT TRIP. 3. INDOOR UNITS FED FROM OUTDOOR UNIT. PROVIDE DISCONNECTS FOR BOTH.							1. LOCATE ELECTRICAL EQUIPMENT IN ACCESSIBLE LOCATION, SUCH THAT IT IS WITHIN SIGHT OF THE EQUIPMENT IT IS SERVING, AND COMPLIES WITH N.E.C. REQUIRED CLEARANCES. 2. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE AND SIZE FEEDER, STARTER, DISCONNECT AND OVERCURRENT PROTECTION IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS OF ACTUAL EQUIPMENT SUPPLIED. 3. ELECTRICAL CONTRACTOR SHALL REVIEW OTHER DIVISION DRAWINGS FOR ANY ADDITIONAL REQUIREMENTS PRIOR TO BID. 4. ELECTRICAL CONTRACTOR SHALL REVIEW OTHER DIVISION SUBMITTALS FOR ANY EQUIPMENT REQUIRING CONNECTION BY ELECTRICAL CONTRACTOR AND COORDINATE ALL REQUIREMENTS PRIOR TO ROUGH-IN.									
LABEL	QTY	DESCRIPTION	LOAD DATA						WIRE AND CONDUIT SIZE	OCPD		DISCONNECT		MOTOR CONTROLLER			NEMA ENCLOSURE RATING	NOTES	
			HP	KW	MCA	FLA	V	PH		DEVICE	FED FROM	PROVIDED BY	DEVICE	PROVIDED BY	DEVICE	SIZES			
EF-1	1	EXHAUST FAN	1/3	-	-	7.2	120	1	2 #12, #12 GR 0.75" CND	15/1 CB	1LA	Q	VSD	Q	-	-	-	-	
IU-1	1	SPLIT SYSTEM - INDOOR UNIT		-	1	0.8	208	1	2 #10, #10 GR 0.75" CND	30/2 CB	1LA	E	TOGGLE SWITCH	-	-	-	-		
OU-1	1	SPLIT SYSTEM - OUTDOOR UNIT		-	25	25	208	1	2 #10, #10 GR 0.75" CND	30/2 CB	1LA	E	30A/2P NF	-	-	-	-		
RCP-1	1	RECIRCULATION PUMP	1/20	-	-	1.3	120	1	2 #12, #12 GR 0.75" CND	20/1 CB	1LA	E	TOGGLE SWITCH	-	-	-	-		
WH-1	1	WATER HEATER		6.0	-	16.7	208	3	3 #12, #12 GR 1.00" CND	20/3 CB	1LA	E	30A/3P NF	-	-	-	-		



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NJRA Project # 23244.00
Construction Documents Oct 8, 2024

EQUIPMENT
SCHEDULE

EP602

DISTRIBUTION PANEL "MDP"(EX)															
VOLTS/PHASE/WIRE: 480/277 V ,3 PH, 4 WIRE					MAIN SIZE & TYPE: 1000 AMPERE MAIN				LOCATION: ELEC ROOM LEVEL1			NOTES:			
ACCESSORIES:					PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR					AIC RATING: (EX)					
CKT	OCP	LOAD (KVA)			PANEL / EQUIPMENT						PHASE LOAD (KVA)				
NO	AMP	POLE	LTG	PWR	CO							A	B	C	
1	--	3	0.0	0.0	0.0	SPACE						--	--	--	
2	225	3	0.0	0.0	0.0	(EX) PANEL H4						0.0	0.0	0.0	
3	225	3	0.0	0.0	0.0	(EX) PANEL H2						0.0	0.0	0.0	
4	225	3	0.0	0.0	0.0	(EX) PANEL H3						0.0	0.0	0.0	
5	600	3	0.0	0.0	0.0	(EX) PANEL H1						0.0	0.0	0.0	
TOTALS:										CONNECTED KVA PER PHASE			0.0	0.0	0.0
										CONNECTED AMPS PER PHASE			0	0	0
										TOTAL CONNECTED KVA =			0.0		
										AVERAGE CONNECTED AMPS PER PHASE =			0		
NEC DIVERSIFIED LOAD CALCULATIONS															
LIGHTING & CONTINUOUS LOADS: RECEPTACLES:															
ALL OTHER LOADS @ 100%: 0.0 KVA															
- 100% CONNECTED LOAD PLUS 25% TOTAL DIVERSIFIED KVA = 0.0															
- FIRST 10KVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE = 0															
- MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER...															
Notes:															

PANEL: "H2"(EX)																				
VOLTS/PHASE/WIRE:				PANEL SIZE & TYPE:				MAIN SIZE AND TYPE:				FED FROM:		CABINET:		LOCATION:		NOTES:		
480/277 V, 3 PH 4 WIRE				22" W x 6" D, BOLT-ON				250 AMPERE MAIN LUGS						SURFACE		ELEC ROOM LEVEL 1				
ACCESSORIES:				PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR										AIC RATING: (EX)						
CKT NO	OCP		LOAD (KVA)				PHASE LOAD				DESCRIPTION	LOAD (KVA)				OCP		CKT NO		
	AMP	POLE	BKR	LTG	PWR	CO	A	B	C	CO		PWR	LTG	BKR	POLE	AMP				
1	20	1	--	0.0	0.0	0.0				(EX) LIGHTING SW LEASE	3.2	0.0	0.0	--	1	20	2			
3	20	1	--	0.0	0.0	0.0			3.1	0.0					--	1	20	4		
5	20	1	--	0.0	0.0	0.0					2.8	0.0			--	1	20	6		
7	20	1	--	0.0	0.0	0.0									--	1	20	8		
9	20	1	--	0.0	0.0	0.0				2.3	0.0				--	1	20	10		
11	20	1	--	0.0	0.0	0.0									--	1	20	12		
13	20	1	--	0.0	0.0	0.0				0.0	0.0				--	1	20	14		
15	20	1	--	0.0	0.0	0.0				0.3	0.0				--	1	20	16		
17	20	1	--	0.0	0.0	0.0									--	1	20	18		
19	20	1	--	0.0	0.0	0.0						0.8	0.0		--	1	20	20		
21	20	1	--	0.0	0.0	0.0				2.7	0.0				--	1	20	22		
23	20	1	--	0.0	0.0	0.0					0.8	0.0			--	1	20	24		
25	20	1	--	0.0	0.0	0.0						1.5	0.0		--	1	20	26		
27	20	1	--	0.0	0.0	0.0				2.0	0.0				--	1	20	28		
29	20	1	--	0.0	0.0	0.0					0.0	0.0			--	1	20	30		
31	20	1	--	0.0	0.0	0.0				0.0	25.3			TRANSFORMER T1A*	31.3	42.2	3.7	3	125	32
33	20	1	--	0.0	0.0	0.0						0.0	27.8		--	--	--	--	--	34
35	20	1	--	0.0	0.0	0.0						0.0	24.0		--	--	--	--	--	36
37	60	3	--	0.0	0.0	0.0				0.0	26.0			TRANSFORMER T1	0.0	0.0	0.0	3	125	38
39	--	--	--	--	--	--					0.0	28.0			--	--	--	--	--	40
41	--	--	--	--	--	--							0.0	24.2		--	--	--	--	42
TOTALS:							CONNECTED KVA PER PHASE				61		62		78		CONNECTED TOTAL KVA = 202			
							CONNECTED AMPS PER PHASE				222		225		281		AVERAGE CONNECTED AMPS PER PHASE = 243			
NEC DIVERSIFIED LOAD CALCULATIONS																				
LIGHTING & CONTINUOUS LOADS: 3.7 KVA @ 125% = 4.6 KVA - 100% CONNECTED LOAD PLUS 25% DIVERSIFIED TOTAL KVA = 193																				
RECEPTACLES: 31.3 KVA @ 66% = 20.7 KVA - FIRST 10kVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE = 232																				
ALL OTHER LOADS @ 100% : 43.3 KVA - MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC																				
BKR: GF=GFCL, GF3=30mA GFCL CAPABLE OF BEING LOCKED OUT IN OPEN POSITION, IG=ISOLATED GROUND, AF=AFCL, ST=SHUNT TRIP, RED=PROVIDE RED COLORED BREAKER, AF=ARC FAULT CURRENT INTERRUPTER, GA=COMBINATION OF GROUND FAULT AND ARC FAULT CIRCUIT INTERRUPTER, GS=COMBINATION OF SHUNT TRIP WITH GFCL																				
NOTES:																				

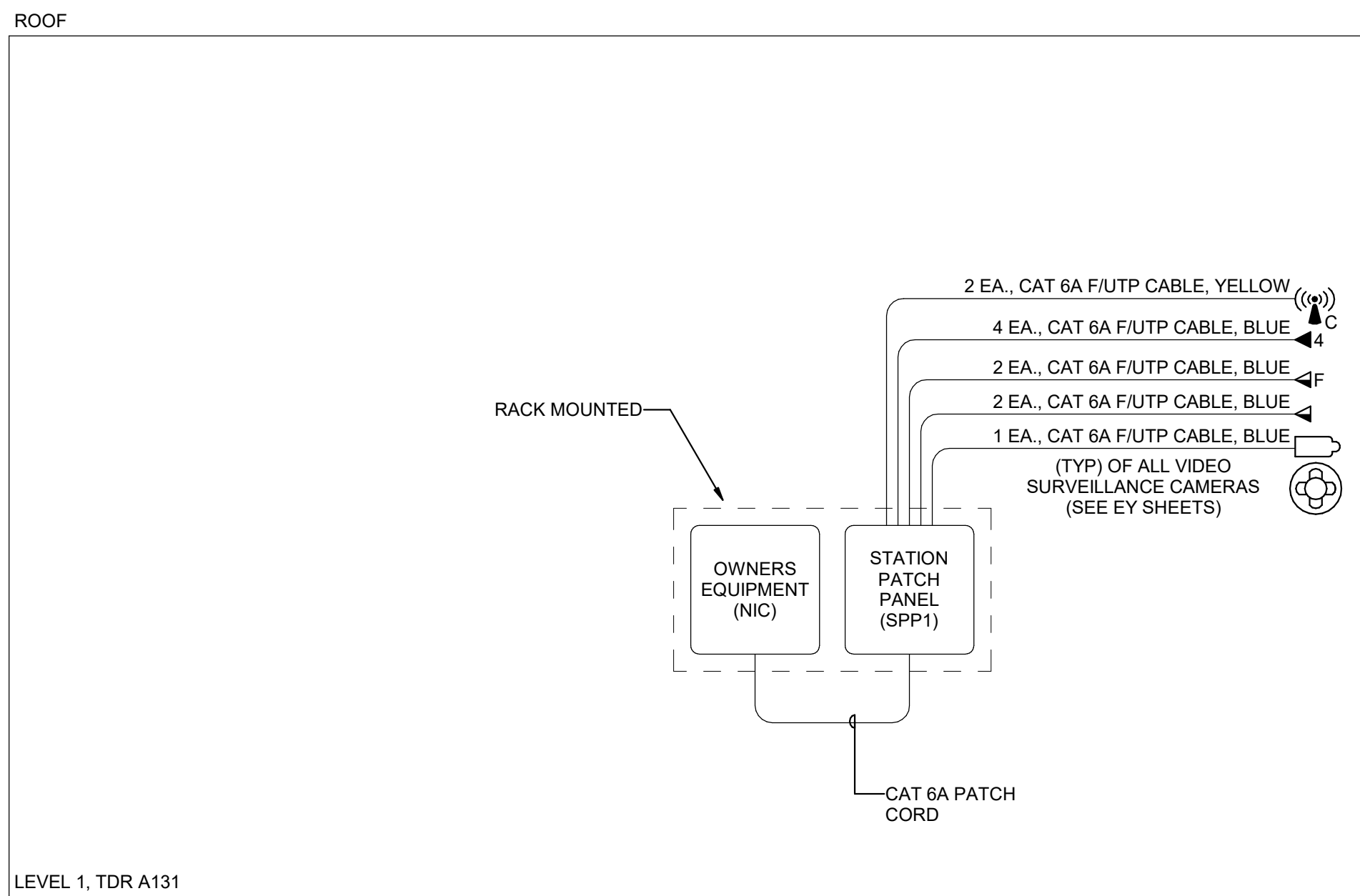
PANEL: "L2"(EX)																													
VOLTS/PHASE/WIRE:				PANEL SIZE & TYPE:				MAIN SIZE AND TYPE:				FED FROM:		CABINET:		LOCATION:		NOTES:											
120/208V, 3 PH 4 WIRE				22" W x 6" D, BOLT-ON				250 AMPERE MAIN LUGS				L1		SURFACE		ELEC ROOM LEVEL1													
ACCESSORIES:										PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR								AIC RATING: (EX)											
CKT	NO	OCP		LOAD (kVA)				PHASE LOAD				DESCRIPTION	LOAD (kVA)				OCP				CKT NO								
		AMP	POLE	BKR	LTG	PWR	CO	A	B	C	CO		PWR	LTG	BKR	Pole	AMP												
1	20	1	--	--	0.0	0.0	0.0				(EX) LTS. MIRROR	1.0	2.5				0.0	0.0	--	2	30	2							
3	20	1	--	--	0.0	0.0	0.0				(EX) LTS. SCONCES			1.0	2.5		--	--	--	--	--	4							
5	20	1	--	--	0.0	0.0	0.0				(EX) LTS. MANICURE					1.0	1.0		0.0	0.0	--	1	20	6					
7	20	1	--	--	0.0	0.0	0.0				(EX) TRACK LTS		1.0	0.9				0.0	0.0	--	--	1	20	8					
9	20	1	--	--	0.0	0.0	0.0				(EX) LTS COUNTER RECEPTION			1.0	0.9			0.0	0.0	--	--	1	20	10					
11	20	1	--	--	0.0	0.0	0.0				(EX) LTS CANS RECEPTION				1.0	0.9		0.0	0.0	--	--	1	20	12					
13	20	1	--	--	0.0	0.0	0.0				(EX) OFFICE RECEPTACLE	0.9	1.5					0.0	0.0	--	--	1	20	14					
15	20	1	--	--	0.0	0.0	0.0				(EX) BREAK RM RECEPTACLE			0.9	1.5			0.0	0.0	--	--	1	20	16					
17	20	1	--	--	0.0	0.0	0.0				(EX) COUNTER RECEPTACLE				0.9	1.5		0.0	0.0	--	--	1	20	18					
19	20	1	--	--	0.0	0.0	0.0				(EX) JUICE/COFFEE RECEPTACLE	1.0	2.5					0.0	0.0	--	--	2	30	20					
21	20	1	--	--	0.0	0.0	0.0				(EX) PEDICURE RM RECEPTACLE				0.9	2.5		--	--	--	--	--	--	22					
23	20	1	--	--	0.0	0.0	0.0				(EX) JETTED TUB					1.0	0.9		0.0	0.0	--	--	1	20	24				
25	20	1	--	--	0.0	0.0	0.0				(EX) BATHROOM RECEPTACLE		0.9	0.1				0.0	0.0	--	--	1	20	26					
27	20	1	--	--	0.0	0.0	0.0				(EX) STATION RECEPTACLE				0.9	0.9		0.0	0.0	--	--	1	20	28					
29	20	1	--	--	0.0	0.0	0.0				(EX) STATION RECEPTACLE				0.9	0.9		0.0	0.0	--	--	1	20	30					
TOTALS:										CONNECTED KVA PER PHASE				12	13	10	CONNECTED TOTAL KVA =				36								
										CONNECTED AMPS PER PHASE				105	111	83	AVERAGE CONNECTED AMPS PER PHASE =				95								
NEC DIVERSIFIED LOAD CALCULATIONS																													
LIGHTING & CONTINUOUS LOADS: RECEPTACLES: ALL OTHER LOADS @ 100% : 0.0 KVA																		- 100% CONNECTED LOAD PLUS 25% - FIRST 10kW @ 100%, REMAINDER @ 50% - MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH - LARGEST MOTOR CALCULATED @ 125% PER NEC										DIVERSIFIED TOTAL KVA = 35 AVERAGE AMPS PER PHASE = 98	
BKR: GF-GFCI, GF3-30mA GFCI CAPABLE OF BEING LOCKED OUT IN OPEN POSITION, IG=ISOLATED GROUND, AF=AFCI, ST=SHUNT TRIP, RED=PROVIDE RED COLORED BREAKER, AF=ARC FAULT CURRENT INTERRUPTER, GA=COMBINATION OF GROUND FAULT AND ARC FAULT CIRCUIT INTERRUPTER, GS=COMBINATION OF SHUNT TRIP WITH GFCI																													
NOTES:																													



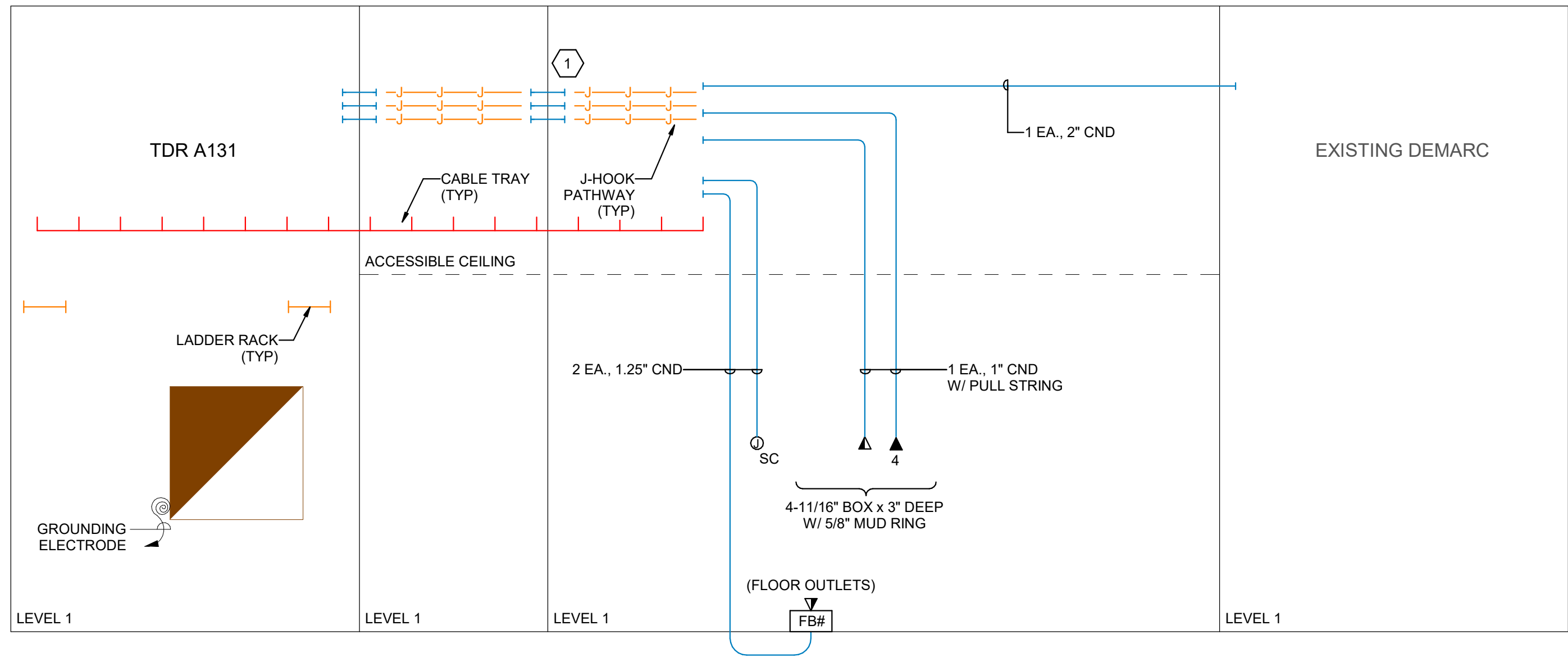
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LIGHTING & CONTINUOUS LOADS:	- 100% CONNECTED LOAD PLUS 25%	DIVERSIFIED TOTAL KVA = 5
RECEPTACLES:	- FIRST 10kVA @ 100%, REMAINDER @ 50%	AVERAGE AMPS PER PHASE = 26
ALL OTHER LOADS @ 100% :	MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC	
5.4 kVA		

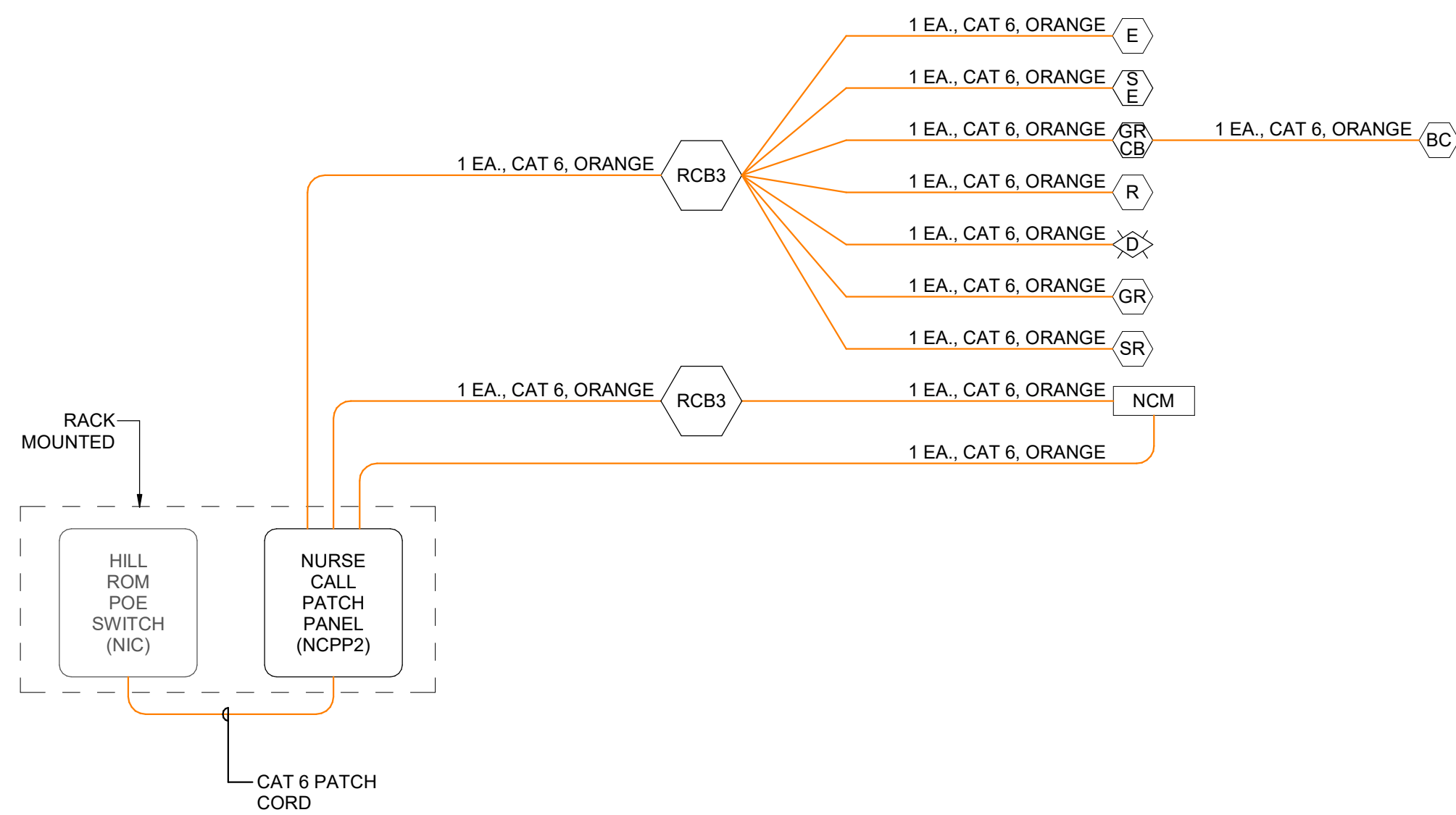
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2 TELECOM CABLE RISER DIAGRAM
SCALE: NTS



1 TELECOM CONDUIT RISER DIAGRAM
SCALE: NTS



3 NURSE CALL CABLE RISER DIAGRAM
SCALE: NTS

GENERAL SHEET NOTES

- 1 PROVIDE PROTECTIVE BUSHING ON THE END OF ALL CONDUIT RUNS.
- 2 IN LOCATIONS WHERE CONDUIT IS STUBBED INTO THE CEILING SPACE, THE USE OF J-HOOKS IS REQUIRED TO CARRY THE CABLE BACK TO CABLE TRAY. MAXIMUM SPACING OF J-HOOKS IS 80" ENSURE NO MORE THAN 6" OF SAG AT THE LOWEST POINT OF THE CABLE. IF SAG IS GREATER THAN 6" ADD ADDITIONAL J-HOOKS FOR SUPPORT.
- 3 A SINGLE BEND CANNOT BE GREATER THAN 90 DEGREES.
- 4 NO MORE THAN 180 DEGREE IN BENDS IS ALLOWED WITH PROVIDING AN ACCESSIBLE PULL BOX. PULL BOX MUST BE IN AN ACCESSIBLE CEILING SPACE FOR ONGOING SUPPORT AND MAINTENANCE.
- 5 A SINGLE CONDUIT FOR HORIZONTAL CABLE CANNOT RUN MORE THAN 100' CONTINUOUSLY WITHOUT A PULL BOX OR AN ACCESSIBLE PULL POINT.
- 6 TELECOMMUNICATIONS CONDUIT SHOULD NOT RUN OVER OR ADJACENT TO BOILERS, INCINERATORS, HOT WATER LINES, OR STEAM LINES.
- 7 ALL CONDUIT MUST BE SEALED PROPERLY AFTER CABLE INSTALLATION TO ENSURE ANY RATED WALL ASSEMBLIES ARE RETURNED TO THE ORIGINAL WALL RATING.
- 8 TELECOMMUNICATIONS WORK AREA OUTLET SHOULD BE LOCATED WITHIN 3' OF AN ELECTRICAL OUTLET AND INSTALLED AT THE SAME ELEVATION.
- 9 THE DAISY CHAINING OF TELECOMMUNICATIONS BOXES IS NOT ALLOWED. ALL CONDUIT RUNS MUST BE DEDICATED TO ONE OUTLET LOCATION.
- 10 ALL CONDUITS INSTALLED FOR THE USE OF BACKBONE CABLE MUST USE LONG SWEEPS.
- 11 VERTICAL SLEEVES MUST EXTEND A MINIMUM OF 3" ABOVE THE FINISHED FLOOR BUT NO MORE THAN 6" ABOVE THE FINISHED FLOOR.
- 12 VERTICAL SLEEVES MUST BE COORDINATED WITH THE ENLARGE TELECOM VIEWS TO ENSURE PROPER CIRCULATION SPACE IS GIVEN.
- 13 VERTICAL SLEEVES SHOULD BE ADJACENT TO THE WALL AND IN A CORNER WHERE AT ALL POSSIBLE TO ALLOW FOR PROPER CABLE RACKING. NO MORE THAN TWO ROWS OF SLEEVES ARE ALLOWED.
- 14 VERTICALLY MOUNTED LADDER RACK IS REQUIRED TO SUPPORT CABLE. CABLE SHOULD BE SUPPORTED IN A VERTICAL POSITION TO ENSURE CABLE DOES NOT SLIP.
- 15 ALL VERTICAL SLEEVES MUST BE PROPERLY SEALED AFTER USE.
- 16 ALL CONDUIT SHOULD HAVE A PULL CORD INSTALLED WITH A MINIMUM TEST RATING OF 200 LBS.
- 17 AFTER CONDUIT INSTALLATION CONDUITS SHOULD BE LEFT CLEAN, DRY, AND UNOBSTRUCTED. REAMED AND FITTED WITH BUSHINGS, CAPPED FOR PROTECTION, AND LABELED FOR IDENTIFICATION.
- 18 ALL CABLE TRAY INSTALLATION MUST UTILIZE TRAPEZE MOUNTING. NO CENTER HUNG SUPPORTS WILL BE ALLOWED. NO WALL MOUNTS WILL BE ALLOWED. IF TRAPEZE SUPPORTS CANNOT BE USED, A REQUEST MUST BE SUBMITTED TO ALLOW ALTERNATE MOUNTING METHODS.
- 19 ALL CABLE TRAY MUST BE SEISMICALLY BRACED.
- 20 ALL CABLE TRAY THAT PENETRATES A RATED WALL ASSEMBLY MUST BE SEALED TO RETURN THE WALL TO ITS ORIGINAL RATING.

SHEET KEYNOTES

- 1 CONTRACTOR TO PROVIDE SLEEVES THROUGH ALL WALLS FOR CABLE PATHWAYS. ALL FIRE-RATED WALLS REQUIRE A FIRE-RATED SLEEVE. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION. ALL SMOKE/ NON-RATED WALLS REQUIRE A CONDUIT SLEEVE WITH BUSHINGS AND ARE REQUIRED TO BE SEALED WITH FIRE-RATED CAULK AND PUTTY. CONTRACTOR TO DETERMINE FINAL NUMBER OF SLEEVES FOR PENETRATIONS THROUGH WALLS.



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TELECOM
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EP650

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1 LEVEL 1 LIGHTING PLAN
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

1 PROVIDE LABELS ON ALL NEW DEVICES PER PROJECT SPECIFICATIONS CONFORMING WITH DIVISION 26 SPECIFICATIONS FOR IDENTIFICATION OF ELECTRICAL EQUIPMENT AND INTERMOUNTAIN'S DIVISION 27 SPECIFICATIONS PRIOR TO SUBSTANTIAL COMPLETION.

SHEET KEYNOTES

1 PROVIDE PHOTOCELL FOR AUTOMATIC DIMMING OF LIGHT FIXTURES WITHIN DAYLIGHTING CONTROL ZONE TO MAINTAIN MAXIMUM LEVEL OF 50 FOOTCANDLES AT FLOOR.

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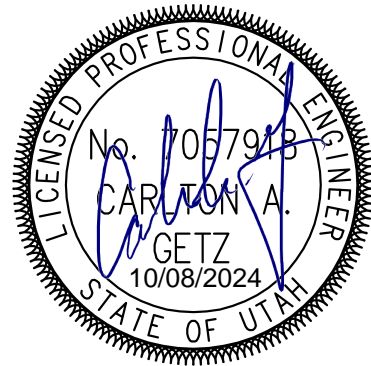
LEVEL 1
LIGHTING
PLAN

EL101

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INTERIOR
LIGHTING
FIXTURE
SCHEDULE

EL601

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.

					LUMINAIRE		DRIVER				MANUFACTURER (CATALOG SERIES)
ID	DESCRIPTION	SIZE (NOMINAL)	DELIVERED DIRECT LUMENS	DELIVERED INDIRECT LUMENS	COLOR TEMP	CRI	TYPE	VOLTAGE	WATTS		
(D4)	DESCRIPTION: 4" DOWNLIGHT MOUNTING: RECESSED, CEILING FINISH: SCBA OPTICS: 35° BEAM, CLEAR REFLECTOR, MATTE DIFFUSE OPTIONS: EM: NONE	LENGTH: 12" WIDTH: 9" HEIGHT: 8" DIAMETER: 4"	1,500		3500K	80	LED (0-10V DIMMING) 1%	120/277V	15	GOTHAM (IC04) PORTFOLIO (LD48) LIGHTOLIER (4RNC4L)	
(D6)	DESCRIPTION: 6" DOWNLIGHT MOUNTING: RECESSED, CEILING FINISH: SCBA OPTICS: 35° BEAM, CLEAR REFLECTOR, MATTE DIFFUSE OPTIONS: EM: NONE	LENGTH: 16" WIDTH: 11" HEIGHT: 9" DIAMETER: 6"	2,000		3500K	80	LED (0-10V DIMMING) 1%	120/277V	27	GOTHAM (IC06) PORTFOLIO (LD68) LIGHTOLIER (6RNC6L)	
(D6E)	DESCRIPTION: 6" DOWNLIGHT MOUNTING: RECESSED, CEILING FINISH: SCBA OPTICS: 35° BEAM, CLEAR REFLECTOR, MATTE DIFFUSE OPTIONS: EM: BATTERY	LENGTH: 16" WIDTH: 11" HEIGHT: 9" DIAMETER: 6"	2,000		3500K	80	LED (0-10V DIMMING) 1%	120/277V	27	GOTHAM (IC06) PORTFOLIO (LD68) LIGHTOLIER (6RNC6L)	
(E1A)	DESCRIPTION: EXIT SIGN, EDGE LIT, SINGLE SIDED MOUNTING: CEILING, WALL FINISH: SCBA OPTICS: OPTIONS: EM: BATTERY	LENGTH: 11" WIDTH: 3" HEIGHT: 10"			GREEN		LED	120/277V	5	ISOLITE (UEL) EVENLITE (SOV) EMERGENSEE (SEEXLRN)	
(E2A)	DESCRIPTION: EXIT SIGN, EDGE LIT, DOUBLE SIDED MOUNTING: CEILING, WALL FINISH: SCBA OPTICS: OPTIONS: EM: BATTERY	LENGTH: 11" WIDTH: 3" HEIGHT: 10"			GREEN		LED	120/277V	5	ISOLITE (UEL) EVENLITE (SOV) EMERGENSEE (SEEXLRN)	
(LS4)	DESCRIPTION: LINEAR STRIP, DAMP LISTED MOUNTING: CEILING FINISH: SCBA OPTICS: DROP LENS OPTIONS: EM: NONE	LENGTH: 48" WIDTH: 2.5" HEIGHT: 3"	3,000		3500K	80	LED (0-10V DIMMING)	120/277V	30	PINNACLE (EV4D) AXIS (BMRLED) MARK ARCH (SL4L) NEORAY (S124DR)	
(LS4E)	DESCRIPTION: LINEAR STRIP, DAMP LISTED MOUNTING: CEILING FINISH: SCBA OPTICS: DROP LENS OPTIONS: EM: BATTERY	LENGTH: 48" WIDTH: 2.5" HEIGHT: 3"	3,000		3500K	80	LED (0-10V DIMMING)	120/277V	30	PINNACLE (EV4D) AXIS (BMRLED) MARK ARCH (SL4L) NEORAY (S124DR)	
(LS6)	DESCRIPTION: LINEAR STRIP, DAMP LISTED MOUNTING: CEILING FINISH: SCBA OPTICS: DROP LENS OPTIONS: EM: NONE	LENGTH: 48" WIDTH: 2.5" HEIGHT: 3"	3,000		3500K	80	LED (0-10V DIMMING)	120/277V	30	PINNACLE (EV6D) AXIS (BMRLED) MARK ARCH (SL6L) NEORAY (S124DR)	
(LS6E)	DESCRIPTION: LINEAR STRIP, DAMP LISTED MOUNTING: CEILING FINISH: SCBA OPTICS: DROP LENS OPTIONS: EM: BATTERY	LENGTH: 48" WIDTH: 2.5" HEIGHT: 3"	3,000		3500K	80	LED (0-10V DIMMING)	120/277V	30	PINNACLE (EV6D) AXIS (BMRLED) MARK ARCH (SL6L) NEORAY (S124DR)	
(T24)	DESCRIPTION: VOLUMETRIC TROFFER MOUNTING: GRID CEILING FINISH: SCBA OPTICS: OPTIONS: EM: NONE	LENGTH: 48" WIDTH: 24" HEIGHT: 4"	4,800		3500K	80	LED (0-10V DIMMING) 1%	120/277V	40	PINNACLE (LU24) METALUX (24RLN) DAYBRITE (2CAXG)	
(T24E)	DESCRIPTION: VOLUMETRIC TROFFER MOUNTING: GRID CEILING FINISH: SCBA OPTICS: OPTIONS: EM: EMERGENCY BATTERY	LENGTH: 48" WIDTH: 24" HEIGHT: 4"	4,800		3500K	80	LED (0-10V DIMMING) 1%	120/277V	40	PINNACLE (LU24) METALUX (24RLN) DAYBRITE (2CAXG)	
(UC99)	DESCRIPTION: UNDERCABINET FIXTURE MOUNTING: SURFACE FINISH: SCBA OPTICS: OPTIONS: PROVIDE INTERCONNECT CORDS BETWEEN FIXTURES FOR SERIAL MOUNTED INSTALLATIONS. WHITE ANTIMICROBIAL FINISH EM: NONE	LENGTH: VARIES (REFER TO PLAN)	400		3500K	80	LED (0-10V DIMMING)	120/277V	5	DAY-BRITE (LINC5100E) AIREY THOMPSON (13HC) FAIRSAFE (UCL) KELVIX (UC22)	
(W4E)	DESCRIPTION: WIDE BODY WRAPAROUND MOUNTING: SUSPENDED (REFER TO PLANS FOR MOUNTING HEIGHT) FINISH: SCBA OPTICS: OPTIONS: EM: BATTERY	LENGTH: 4' WIDTH: 4"	5,000		3500K	80	LED (0-10V DIMMING)	120/277V	45	KENALL (MLHA3) CERTOLUX (VRSE-5) NEWSTAR (VICN) LITHONIA (VPF4)	
(WB4)	DESCRIPTION: LINEAR LED VANITY FIXTURE MOUNTING: WALL FINISH: SCBA OPTICS: OPTIONS: DUST COVER EM: NONE	LENGTH: 2' WIDTH: 2"	800	800	3500K	80	LED (0-10V DIMMING)	120/277V	30	MARK ARCH (S2LWID) PINNACLE (EX2DI) STARTEK (SLMDI) FINELITE (HP2WM) NULITE (RW2)	

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1 LEVEL 1 AUXILIARY PLAN
SCALE: 1/4" = 1'-0"



GENERAL SHEET NOTES

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- 2 CONTRACTOR SCOPE OF WORK WILL INCLUDE:
A) INSTALLATION OF ROUGH-IN (BOXES AND CONDUIT) FOR NURSE CALL DEVICES IN COORDINATION WITH HILL-ROM INSTALLATION DOCUMENTS.
B) INSTALLATION OF CABLING FROM HOSPITAL AND/OR CLINICAL DATA ROOM (TDR) TO ROOM CONTROLLER (RCB) LOCATIONS.
C) INSTALLATION OF CABLING FROM ROOM CONTROLLER (RCB) LOCATION TO EACH INDIVIDUAL NURSE CALL DEVICE WITHIN EACH ROOM.
- 3 HILL-ROM (OR SUBCONTRACTOR) SCOPE OF WORK CONTRACTED DIRECTLY WITH INTERMOUNTAIN HEALTH CARE WILL INCLUDE:
A) INSTALLATION OF NURSE CALL DEVICES.
B) FUNCTIONAL TESTING OF NURSE CALL SYSTEM.

SHEET KEYNOTES

- 1 MOUNT REMOTE TEST SWITCH IN ACCESSIBLE LOCATION ADJACENT TO FIRE/SMOKE DAMPER.
- 2 AUTHORIZED CREDENTIAL AT OUTSIDE CARD READER UNLOCK DOOR AND ENABLE ADA WAVE TO OPERATE AUTO OPERATOR AND OPEN DOOR IF PRESSED. INSIDE ADA WAVE TO OPEN ALWAYS ACTIVE.



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LEVEL 1
AUXILIARY
PLAN

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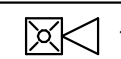

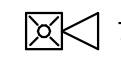
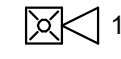
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






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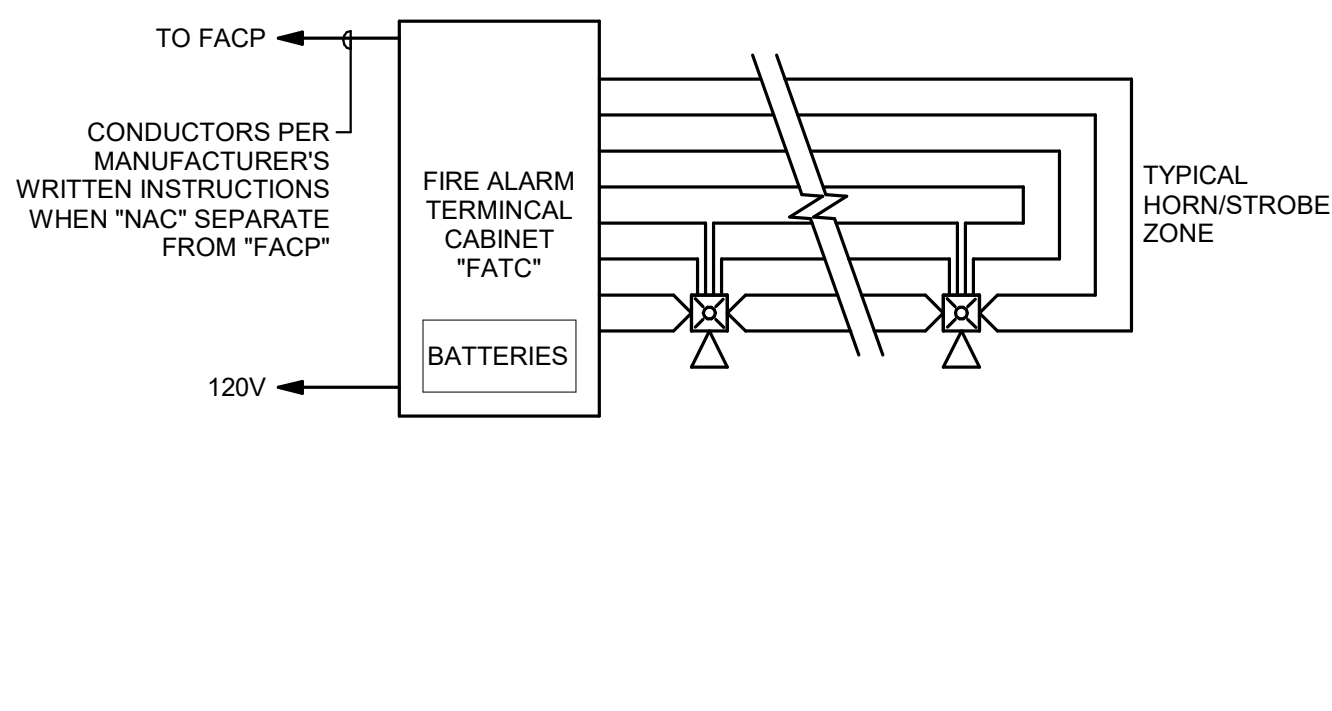
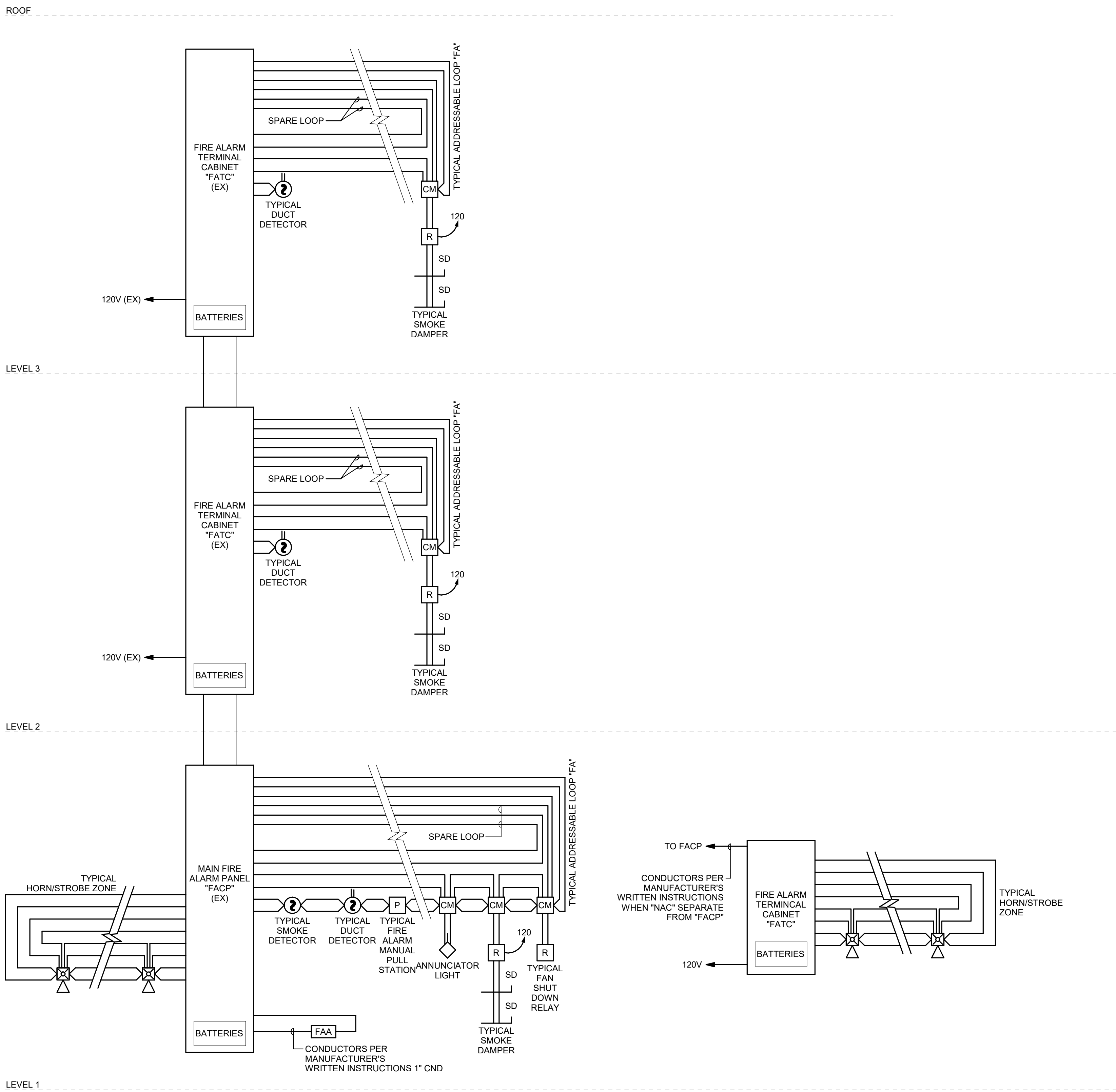
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WIRING SCHEDULE				
FUNCTION	< 500'	< 1000'	1000'-3000'	> 3000'
ADDRESSABLE LOOP	#18 TSP	#18 TSP	#16 TSP	#14 TSP
POWER LOOP	#14 THWN	#14 THWN	#12 THWN	#10 THWN
SPARE LOOP	#14 THWN	#14 THWN	#12 THWN	#10 THWN
STROBE HORNS	#14 THWN	#14 THWN	#12 THWN	#10 THWN
MAGNETIC DOOR HOLDER SPEAKERS	#12 THWN	#10 THWN		
	#16 TSP	#16 TSP	#14 TSP	#14 TSP

NOTIFICATION SCHEDULE				
SYMBOL	STROBE SIZE	COVERAGE	AVERAGE CURRENT	MAXIMUM PER CIRCUIT ALONE
 15	15 CD	20'x20'	.085A	17
 30	30 CD	30'x30'	.135A	11
 75	75 CD	40'x40'	.200A	7
 110	110 CD	50'x50'	.225A	6

NOTIFICATION SCHEDULE						
SYMBOL		STROBE SIZE	COVERAGE	AVERAGE CURRENT	MAXIMUM PER CIRCUIT ALONE	
		15	15 CD	20'x20'	.060A	25
		30	30 CD	30'x30'	.083A	18
		75	75 CD	40'x40'	.136A	11
		110	110 CD	50'x50'	.179A	8
		135	135 CD	60'x60'	.225A	4

FIRE ALARM INPUT/OUTPUT MATRIX		OUTPUT DEVICES																NOTES
		GENERAL ALARM	DOOR HOLDER/CLOSERS	SUPERVISORY SIGNAL	TROUBLE SIGNAL	FAN SHUTDOWN	FIRE DAMPER											
ZONE																		
1	MAIN FLOW	o																
2	MAIN TAMPER			o														
3	MAIN LEVEL FLOW																	
4	MAIN LEVEL TAMPER			o														
5	MAIN LEVEL INITIATING LOOP	o																
6	MAIN LEVEL SMOKE DETECTOR	o	o															
7	MAIN LEVEL DUCT DETECTOR	o				o	o											
8	2ND LEVEL DUCT DETECTOR	o				o	o											
9	3RD LEVEL DUCT DETECTOR	o				o	o											
10	SYSTEM FAULT				o													



1 FIRE ALARM RISER

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

GENERAL SHEET NOTES

- PLANS ARE BASED UPON 88 MONITOR AND CONTROL DEVICES PER ADDRESSABLE LOOP. OTHER CONFIGURATIONS ARE ACCEPTABLE SUBJECT TO CONTRACTOR ALLOWING FOR INCREASED WIRING REQUIREMENTS AND SUBMITTAL DRAWINGS SHOWING NEW WIRING CONFIGURATION. MAXIMUM INITIAL DEVICES PER LOOP SHALL NOT EXCEED 75% MAXIMUM ALLOWABLE.
- PLANS ARE BASED UPON THE WIRING SCHEDULE SHOWN. WHERE MANUFACTURER'S REQUIREMENTS EXCEED REQUIREMENTS SHOWN, INCLUDE ADDITIONAL ASSOCIATED COSTS AND SUBMITTAL DRAWINGS INDICATING NEW WIRING CONFIGURATION.
- PLANS ARE BASED UPON 2 AMPS AT 24 VDC. NOT TO EXCEED 75% (1.50 AMPS AVAILABLE). POWER SUPPLY CAPACITY PER NOTIFICATION CIRCUIT. NOTIFICATION DEVICE LOADS ARE BASED UPON NOTIFICATION DEVICE SCHEDULE SHOWN. INCLUDE ADDITIONAL ASSOCIATED COSTS FOR INCREASED WIRING AND POWER SUPPLY CAPACITY IF LOADS OF ACTUAL DEVICES PROVIDED EXCEED CIRCUIT CAPACITY. OR IF LOAD OUTPUT OF ACTUAL POWER SUPPLIES PROVIDED IS SIZED DIFFERENTLY. PROVIDE SUBMITTAL DRAWINGS SHOWING NEW WIRING CONFIGURATION.
- FLOW AND TAMPER CONFIGURATION BASED UPON FIRE SPRINKLER DESIGN CONCEPT. FIELD VERIFY ACTUAL REQUIREMENTS. INCLUDE ANY ADDITIONAL MONITOR MODULES REQUIRED BY ACTUAL DESIGN REQUIREMENTS.
- HEAT DETECTORS WHEN INSTALLED IN ELEVATOR SHAFTS OR MECHANICAL ROOMS FOR ELEVATOR SHUT DOWN SHALL HAVE HEAT DETECTOR WITH LOWER RESPONSE TIME INDEX THAN SPRINKLER HEAD.
- PROVIDE POWER SUPPLY CAPACITY AS REQUIRED FOR DOOR HOLD OPENS SHOWN.
- BATTERY CAPACITY TO BE ADEQUATE TO OPERATE 15 MINUTES AFTER 24 HOURS PLUS 25% SPARE CAPACITY.
- RUN SPARE LOOPS IN SAME CONDUIT. DO NOT EXCEED 40% AREA FILL OF CONDUITS.
- PROVIDE DUCT DETECTORS FOR SUPPLY AND RETURN AIR SYSTEMS OVER 2000 CFM. INSTALL DUCT DETECTORS PER NFPA 72 REQUIREMENTS AND PROVIDE ADDITIONAL DUCT DETECTORS DEPENDING UPON FINAL DUCT ARRANGEMENT.
- PROVIDE DUCT DETECTOR AT EACH FLOOR. PRIOR TO CONNECTION TO A COMMON RETURN AND PRIOR TO RECIRCULATING OR FRESH AIR INLET IN AIR RETURN SYSTEMS OVER 15,000 CFM CAPACITY AND SERVING MORE THAN ONE STORY.
- PROVIDE MANUAL PULL STATIONS IN BOILER ROOMS AND KITCHENS.
- PROVIDE ONE YEAR OFF SITE MONITORING INCLUDING ALL INTERFACE DEVICES AND MONITORING CHARGES. COORDINATE WITH BUILDING OWNER'S OFF SITE MONITORING COMPANY.
- LOCATE SMOKE DETECTORS MINIMUM 3' FROM AIR SUPPLY AND RETURN LOUVERS.
- PROVIDE SYNCHRONIZED STROBES THROUGHOUT FACILITY. PROVIDE SYNCHRONIZATION MODULES PER MANUFACTURER'S REQUIREMENTS. INCLUDE ADDITIONAL WIRING, IF REQUIRED.
- INITIATING AND INDICATING LOOPS SHALL NOT SERVE AN AREA OF GREATER THAN 22,500 SQUARE FEET. PROVIDE ADDITIONAL LOOPS FOR AREAS LARGER THAN THIS.
- ALL OUTPUT DEVICES ARE DESIGNED ON SYSTEMS WITH 2 AMP POWER SUPPLY.
- HORN/STROBE BASED ON 120 MILLIAMPS, DOOR HOLDERS BASED ON 70 MILLIAMPS.

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FIRE ALARM
RISER
DIAGRAMS

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1 ACCESS CONTROL RISER DIAGRAM

SCALE: NTS

ACCESS CONTROL SYSTEM CONDUIT AND CABLING SCHEDULE

A	1" CND W/ (1) #22/6 TWSP	E	1" CND W/ (1) #22/6 TWSP
B	0.75" CND W/ (1) #22/2 TWP		
C	0.75" CND W/ (2) #18/2 TWP		
D	0.75" CND W/ (2) #22/4 TWP		

GENERAL DIVISION OF WORK

CARD READERS - BY DIVISION 26/28
CONTACT INDICATORS - BY DIVISION 8
ACCESS CONTROL SYSTEM - BY DIVISION 26/28
DOOR POWER SUPPLIES @ DOOR - BY DIVISION 8
DOOR POWER SUPPLIES @ CONTROL PANEL - BY DIVISION 26/28
RACEWAYS - BY DIVISION 26/28
CABLING - BY DIVISION 26/28
ELECTRIFIED DOOR HARDWARE - BY DIVISION 8/28
ADA OPERATORS - BY DIVISION 8
REX (MOTION SENSORS) - BY DIVISION 28

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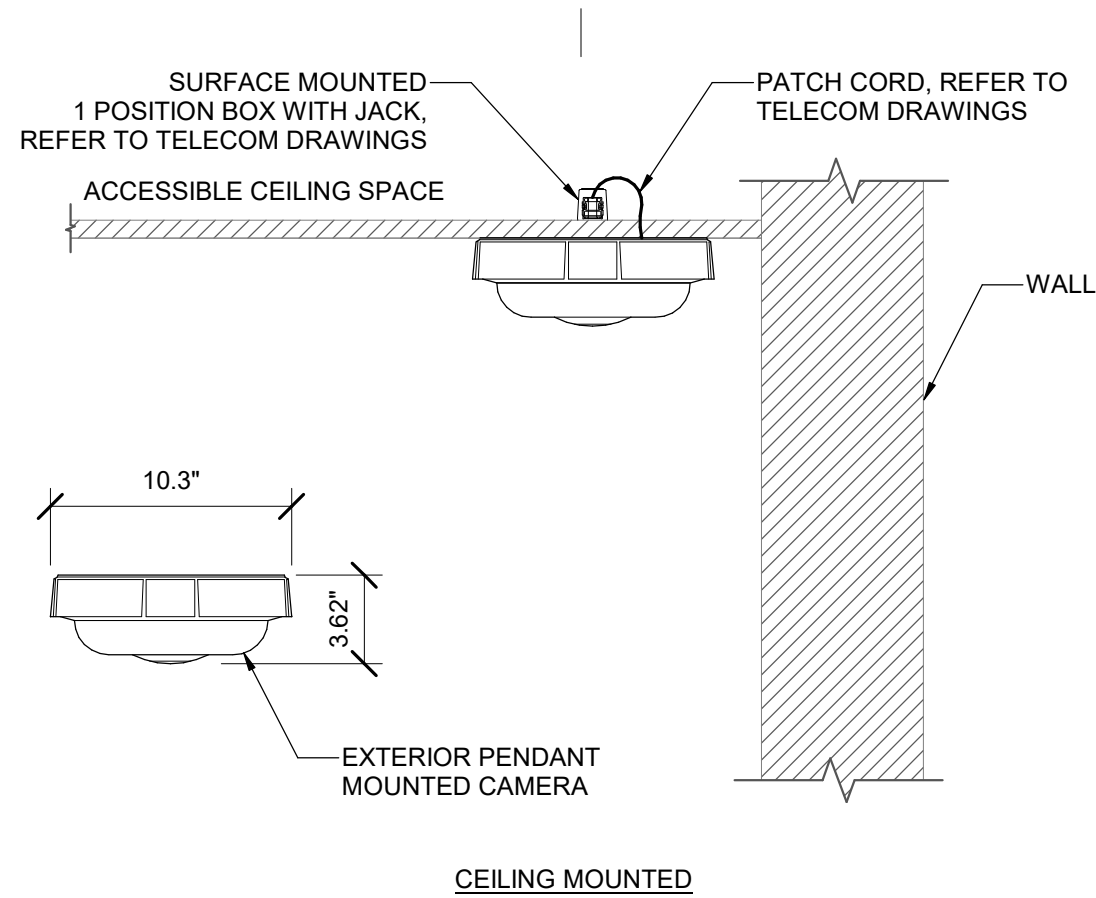
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ACCESS
CONTROL
RISER
DIAGRAMS

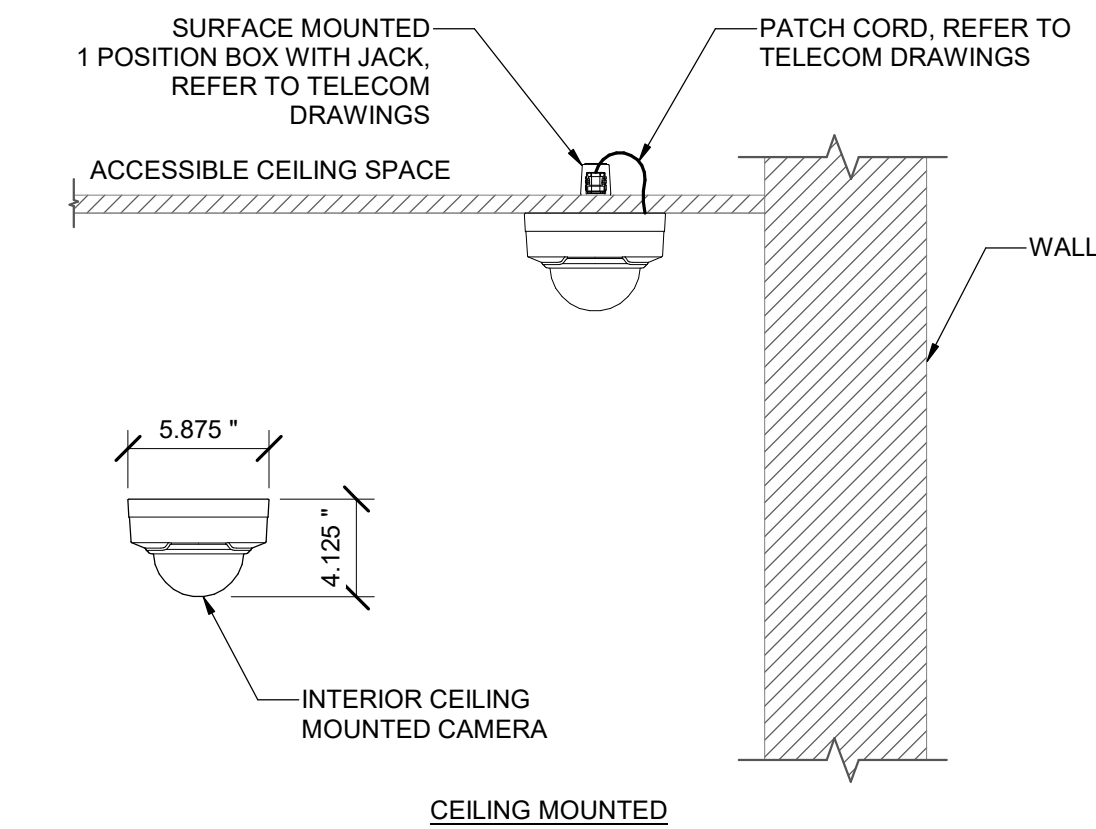
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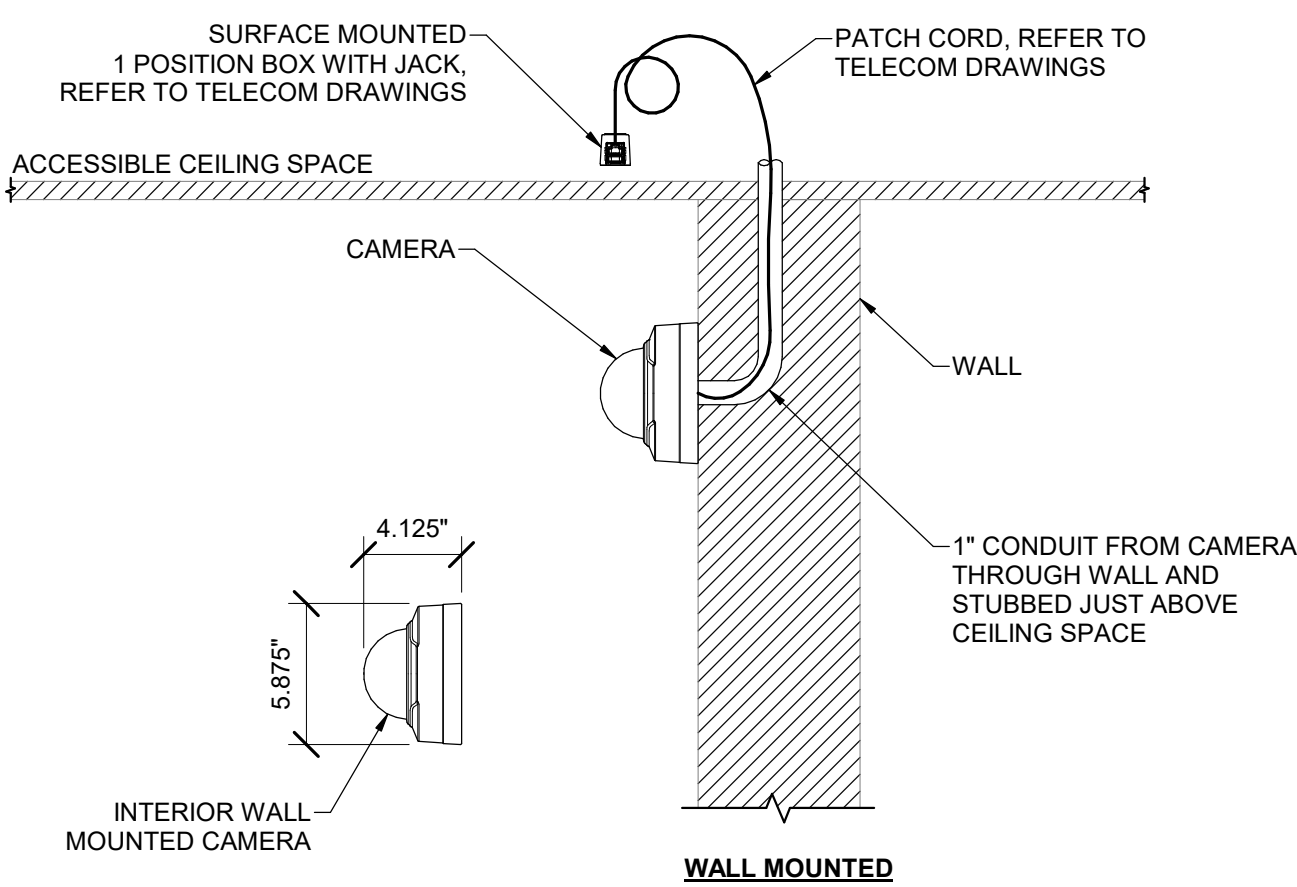
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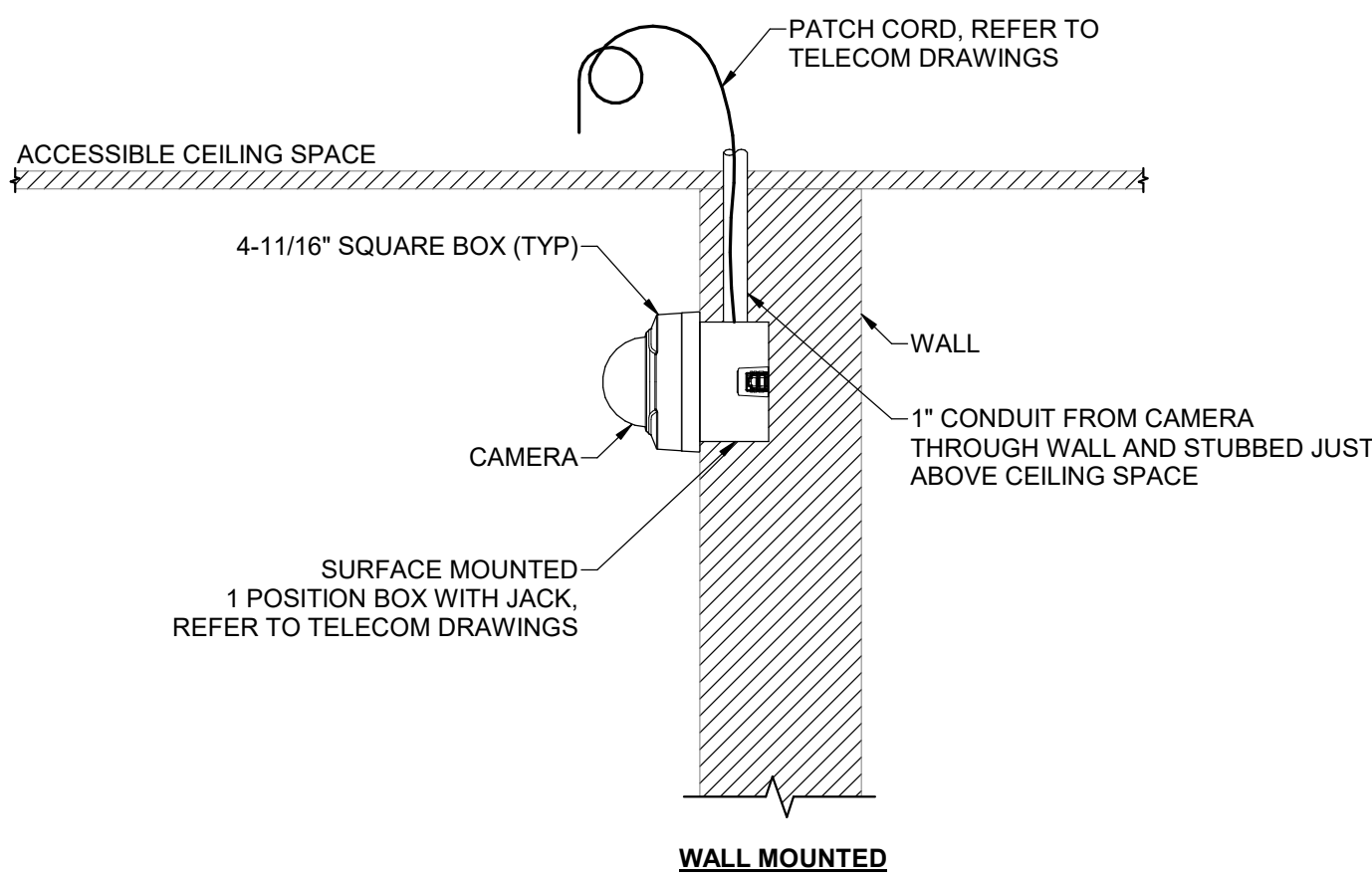
5 SHALLOW CEILING MOUNTED MULTI-IMAGER CAMERA DETAIL
SCALE: NTS



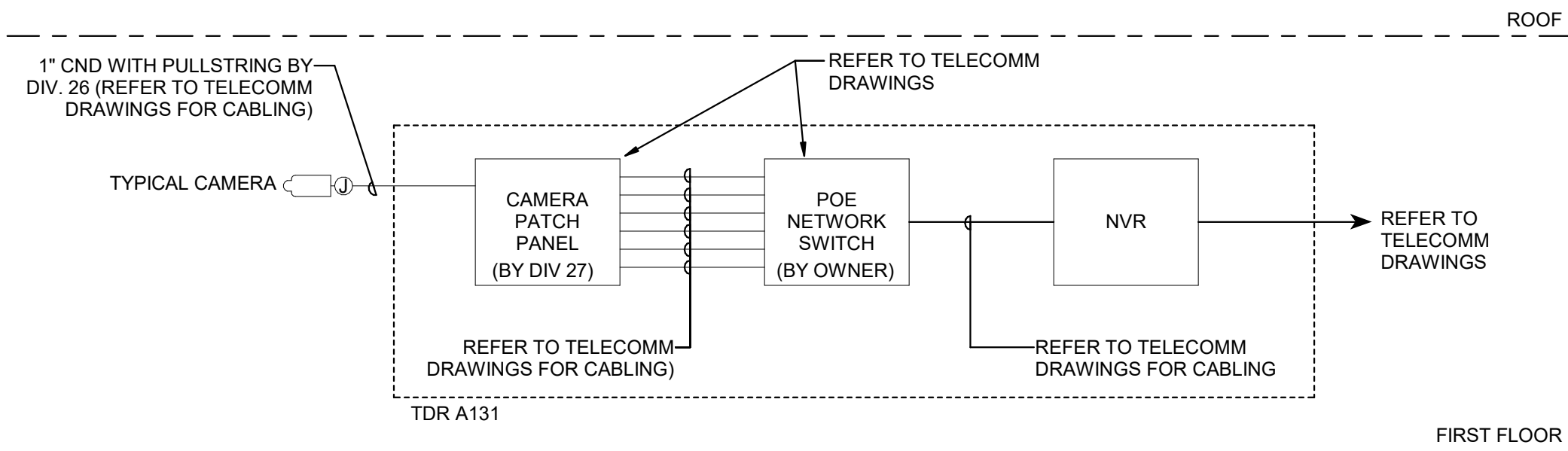
4 CEILING MOUNTED CAMERA MOUNTING DETAIL
SCALE: NTS



3 WALL CAMERA MOUNTING DETAIL
SCALE: NTS



2 CAMERA - WALL MOUNT DETAIL
SCALE: NTS



1 CCTV ROUGH-IN RISER DIAGRAM
SCALE: NTS



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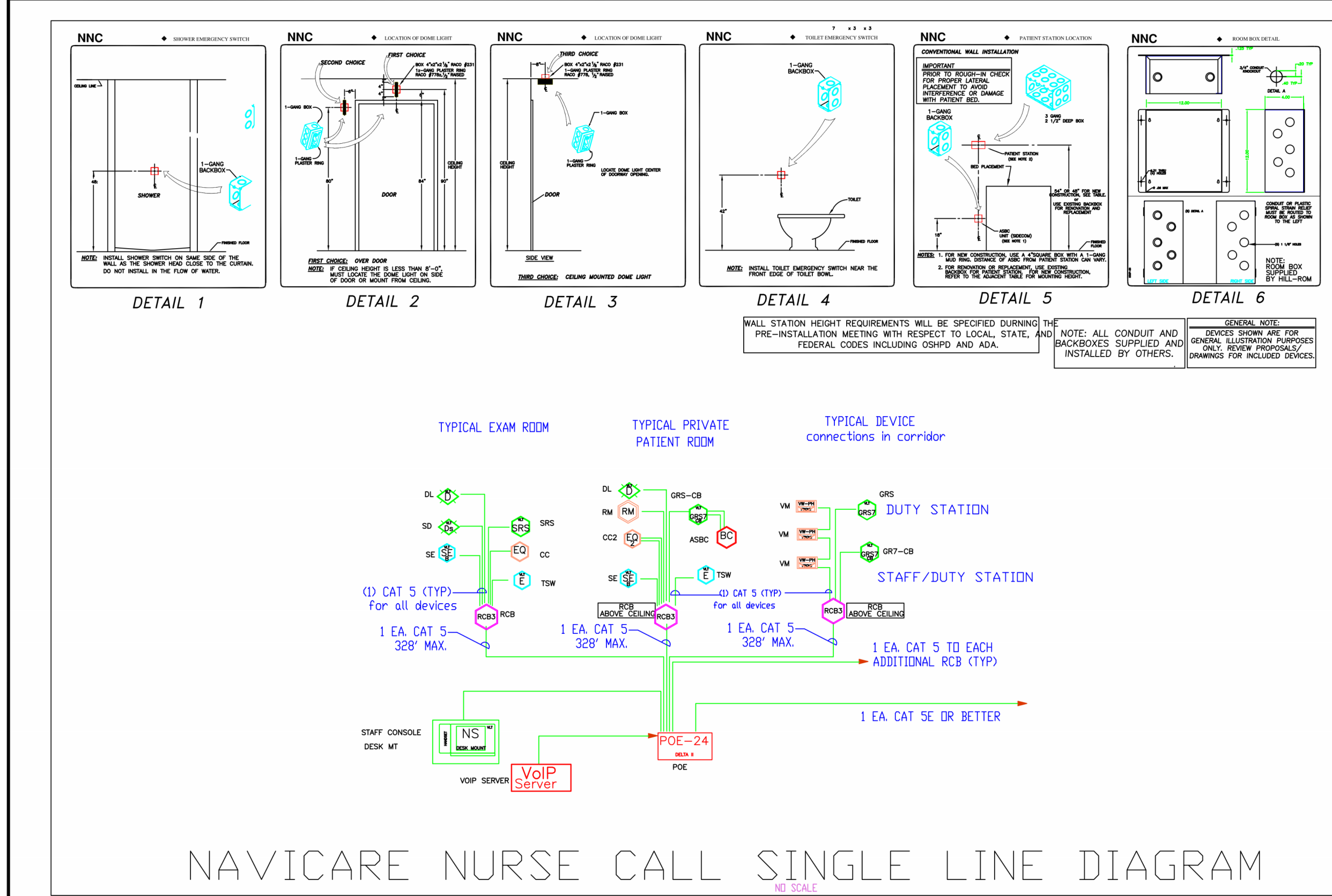
1100 Country Hills Drive
Ogden, Utah 84403

NJRA Project # 23244.00
Construction Documents Oct 8, 2024

CCTV RISER
DIAGRAMS

EY651

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REQUIREMENTS FOR POE
-120-240 VAC 15 AMP MAX EMERGENCY POWER
-1 ET CONNECTION BETWEEN THE POES

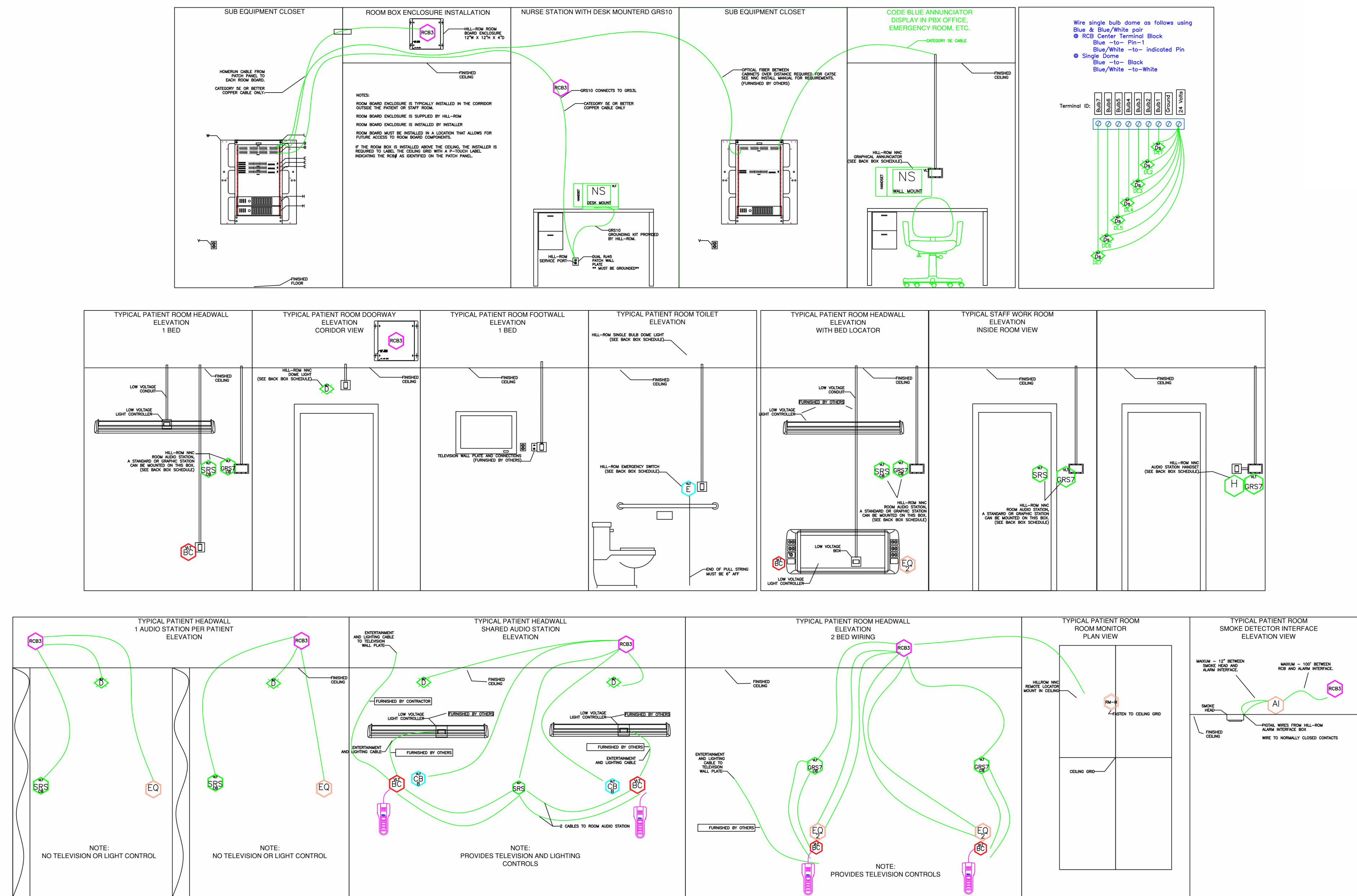
POE CONNECTIONS
For connections between POE switches greater than the requirements for Cat5e, the switches accept SFP fiber transceivers (also known as mini-SBIC). See the NNC Install Manual for further information.

REQUIREMENTS FOR THE UPC

REQUIREMENTS FOR THE SERVERS
-115 VAC 15 AMP MAX EMERGENCY POWER
-MAX. CLOSET TEMP 95deg. F
-1 CAT5 WIRES BETWEEN POE AND THE SERVER

- COMMUNICATION NOTES:
- All cabling must be plenum rated category 5e or better, 4 twisted pair communication cable. Belden 1585A or equivalent is required. Preferred jacket color for nurse call cabling is Seafoam.
 - All cabling to be field terminated by installing contractor.
 - Location of rough-in for all ASBC must avoid interfere or damage from the patient bed.
 - All device locations shown are for illustration purposes only, actual locations to be field determined.
 - Hill-Rom requires AMP High Performance (Category 5e or better) RJ45 connectors for all nurse call wiring. Cable be terminated with approved AMP termination tool and compatible die-set for the RJ45 connector selected. Cat5e and Cat6 dies are not cross-compatible, it is critical that the correct die be used for the chosen connector to the TE Connectivity website at www.te.com for current numbers and compatibility lists.
 - All termination tools are to be supplied by installing contractor.
 - All glass walls, glass doors, and interior windows must be UL approved.
 - Any special requirements/interfaces not explicitly defined in proposal are not included.
 - Unless otherwise noted, all non-standard products are UL approved.

TYPICAL PLACEMENT & WIRING ELEVATION DIAGRAMS



NOTE - ALL METAL BOXES MUST BE GROUNDED, IF THE CONDUIT SYSTEM IS NOT GROUNDED, THE BOXES MUST BE GROUNDED BACK TO THE BUILD STEEL. MASONRY BOXES ARE NOT REQUIRED, ALL BOXES ARE REQUIRED TO BE METAL.

THIS PLAN IS FOR REFERENCE ONLY. THIS IS DESIGNED TO SHOW DIAGRAMS THAT MAY HELP IN THE CONSTRUCTION PROCESS.

NOTE: VERIFY ALL BACK BOX REQUIREMENTS WITH HILLROM PRIOR TO ROUGH-IN.

HILL-ROM NURSE CALL SYMBOL LIST

SYMBOL	MANUF.	PART #	DESCRIPTION	BACKBOX	BOX MOUNTING HEIGHT
NCM	HILL-ROM	P2500NMC1B00	STAFF CONSOLE, DESK MOUNT	STEEL CITY 58371 3/4R, RACO 561, OR ANY OTHER SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
NCM _W	HILL-ROM	P2594NMC3A00	STAFF CONSOLE, WALL MOUNT	STEEL CITY 58371 3/4R, RACO 561, OR ANY OTHER SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
GA	HILL-ROM	P2594NMC3B00	GRAPHICAL ANNUNCIATOR	STEEL CITY 58371 3/4R, RACO 561, OR ANY OTHER SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
BC	HILL-ROM	P2505NMC1B00	AUDIO STATION BED CONNECTOR (ASBC)	GARVIN 52181-3/4, WITH GARVIN 52C13 RING, OR ANY OTHER 4" SQUARE 3.5" DEEP BACK BOX WITH SINGLE GANG MUD RING.	REFER TO ELEVATION DRAWINGS
EO	HILL-ROM	P2516A01	EQUIPMENT RECEPTACLE	STEEL CITY 58371 3/4R, RACO 561, OR ANY OTHER SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
DL	HILL-ROM	P2506NMC1B00	DOMO LIGHT, SINGLE LED	RACO 231, WITH RACO 778 RING, OR ANY OTHER 4" SQUARE 2 1/8" DEEP BACK BOX.	REFER TO ELEVATION DRAWINGS
DL _D	HILL-ROM	P2506NMC8A00-D	ICON BASED-LIGHT LED DOME LIGHT	STEEL CITY CYLE-3/4, RACO 591, OR ANY OTHER 3.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
DL _Z	HILL-ROM	P2506NMC8A00-7	ICON BASED-LIGHT LED ZONE LIGHT	STEEL CITY CYLE-3/4, RACO 591, OR ANY OTHER 3.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
POE-24	HILL-ROM	P2519NMC1A24	POE SWITCH		REFER TO ELEVATION DRAWINGS
CB	HILL-ROM	P2520NMC2B06	PULL SWITCH, CB, W/CANCEL	RACO 561 BACK BOX, OR ANY OTHER 2.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
SE	HILL-ROM	P2520A08	STAFF EMERGENCY PUSH BUTTON SWITCH	RACO 561 BACK BOX, OR ANY OTHER 2.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
E	HILL-ROM	P2520B01	BATH SWITCH, W/CANCEL, SUPERVISED	RACO 561 BACK BOX, OR ANY OTHER 2.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
E _S	HILL-ROM	P2520B02	BATH SWITCH, W/O CANCEL, SUPERVISED	RACO 561 BACK BOX, OR ANY OTHER 2.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
UPS APC Rackmount Non-Seismic	HILL-ROM	P2521B02	UPS, RACK MOUNTABLE, 2U - NON-SEISMIC		REFER TO ELEVATION DRAWINGS
SR	HILL-ROM	P2594NMC1B01	STAFF STATION - STANDARD ROOM STATION W/O CODE	STEEL CITY GW-225G, RACO 691 OR ANY OTHER 2.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
GR	HILL-ROM	P2594NMC2C00	GRAPHICAL ROOM STATION (GRS) - STAFF	STEEL CITY GW-225G, RACO 691 OR ANY OTHER 2.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
GR _P	HILL-ROM	P2594NMC2C11	GRAPHICAL ROOM STATION (GRS) - PATIENT	STEEL CITY GW-225G, RACO 691 OR ANY OTHER 2.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
RAC	HILL-ROM	P2594NMC4A10	REMOTE AUDIO DEVICE	STEEL CITY GW-225G, RACO 691 OR ANY OTHER 2.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
RCB ₂	HILL-ROM	P2599NMC2A00	RCB2 ROOM CONTROL BOARD	STEEL CITY GW-235G, RACO 696 OR ANY OTHER 3.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
RCB ₃	HILL-ROM	P2599NMC3B00	RCB3 ROOM CONTROL BOARD	STEEL CITY GW-235G, RACO 696 OR ANY OTHER 3.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
RTLS-CLOSED	HILL-ROM	RTLS-CLOSED	RTLS - STAFF LOCATING LOCATION-CLOSED AREA	STEEL CITY GW-225G, RACO 691 OR ANY OTHER TWO GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
RTLS-OPEN	HILL-ROM	RTLS-OPEN	RTLS - STAFF LOCATING LOCATION-GLASS/OPEN AREA	STEEL CITY GW-225G, RACO 691 OR ANY OTHER TWO GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
RTLS-BAY	HILL-ROM	RTLS-BAY	RTLS - STAFF LOCATING LOCATION-BAY	STEEL CITY GW-225G, RACO 691 OR ANY OTHER TWO GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
R	CURBELL	MAP985A	REMOTE ENTERTAINMENT STATION	STEEL CITY GW-225G, RACO 691 OR ANY OTHER TWO GANG BACK BOX.	REFER TO ELEVATION DRAWINGS

Intermountain Health
Intermountain Kidney Services
Ogden Kidney Clinic

1100 Country Hills Drive
Ogden, Utah 84403

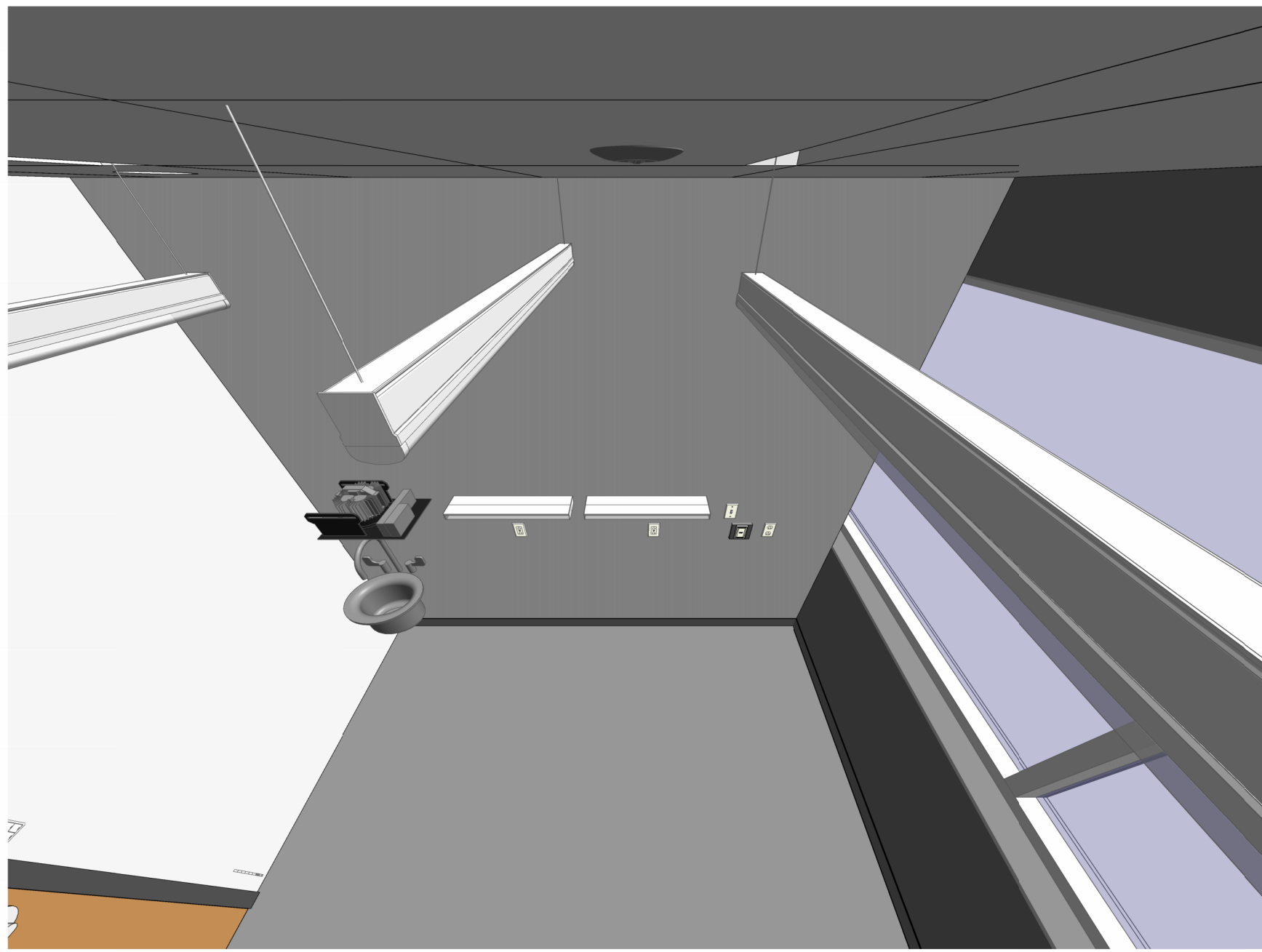
NJRA Project # 23244.00
95% Construction Documents Sep 20, 2024

NURSE CALL
DIAGRAMS

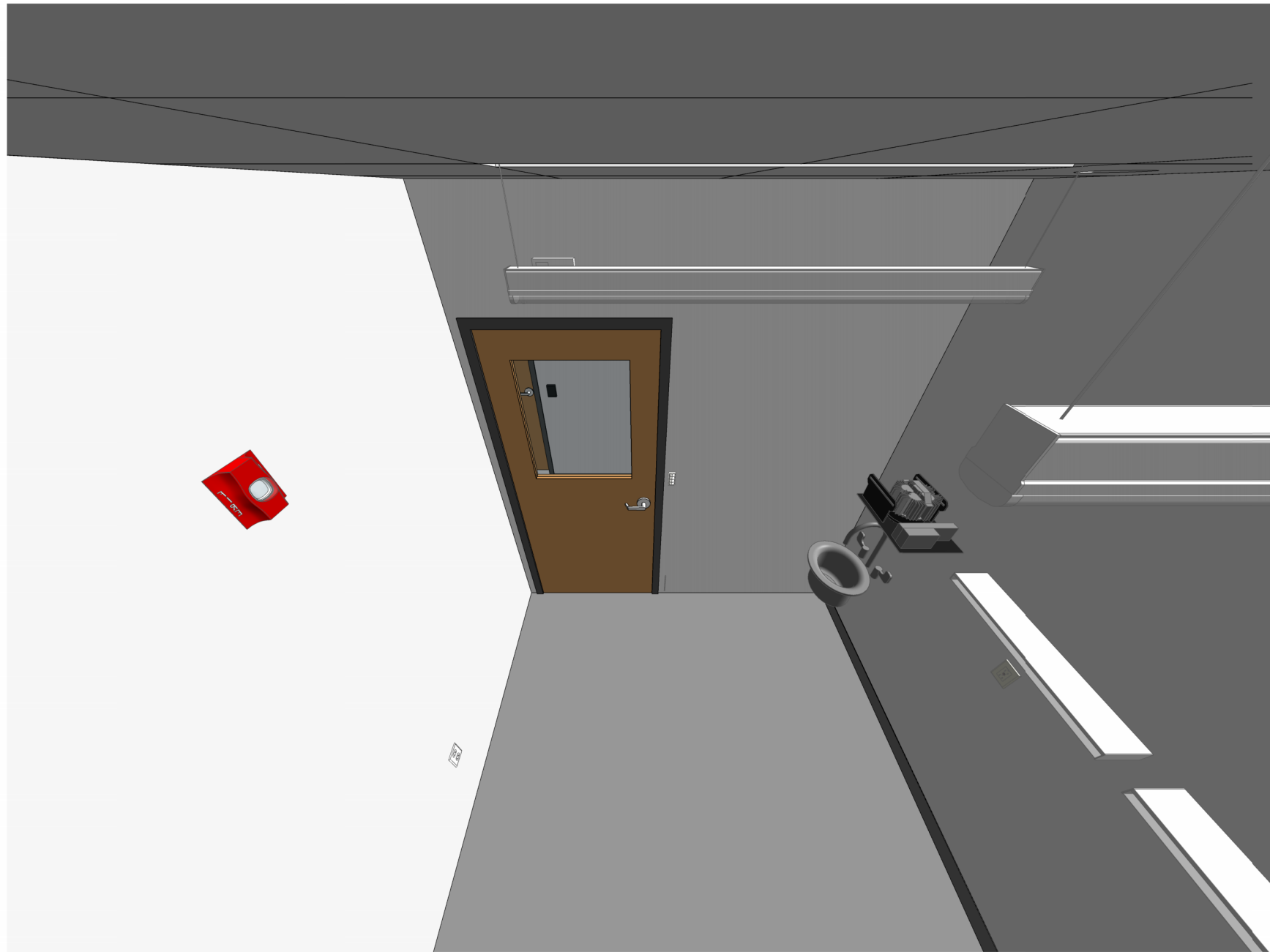
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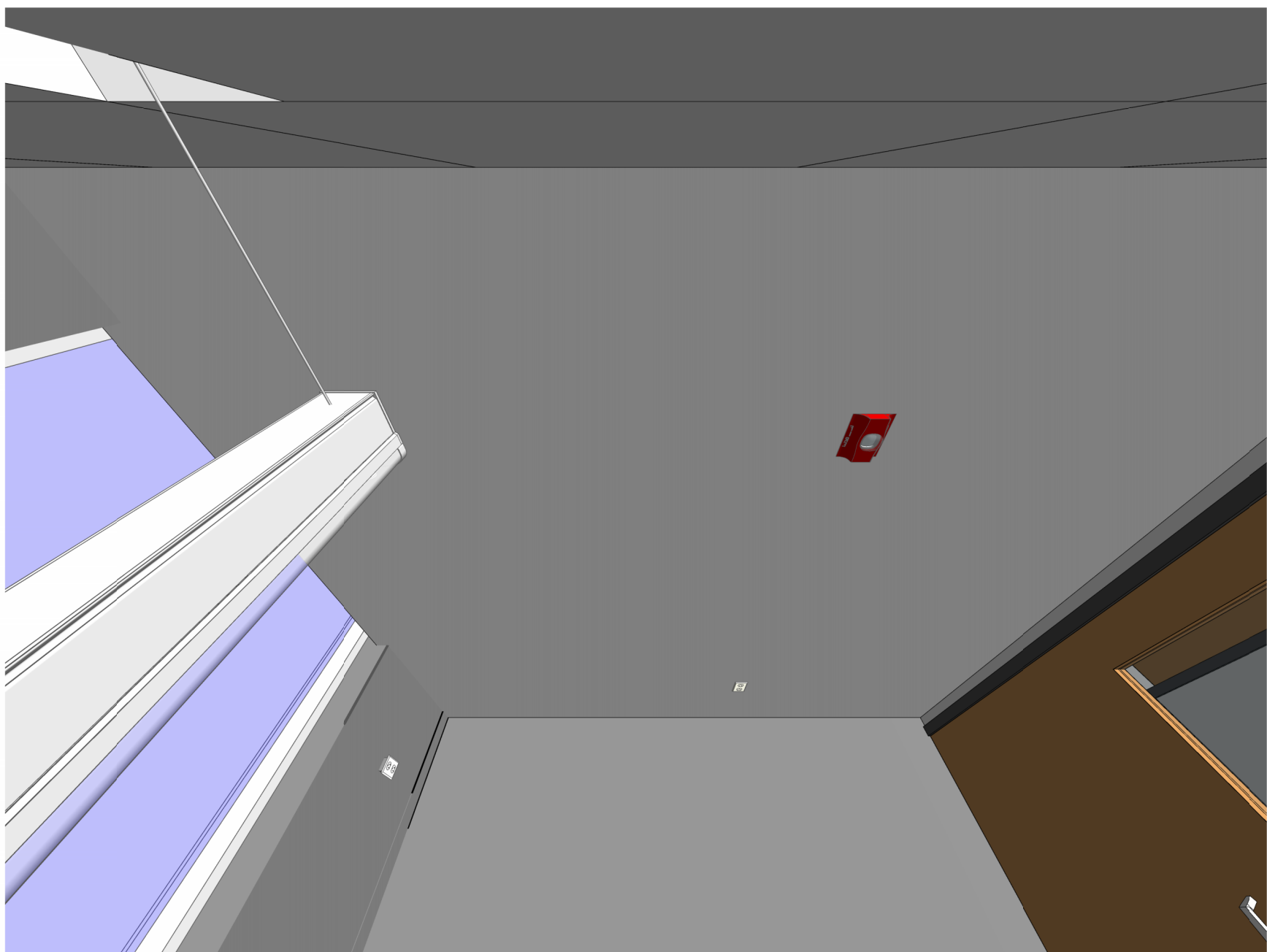
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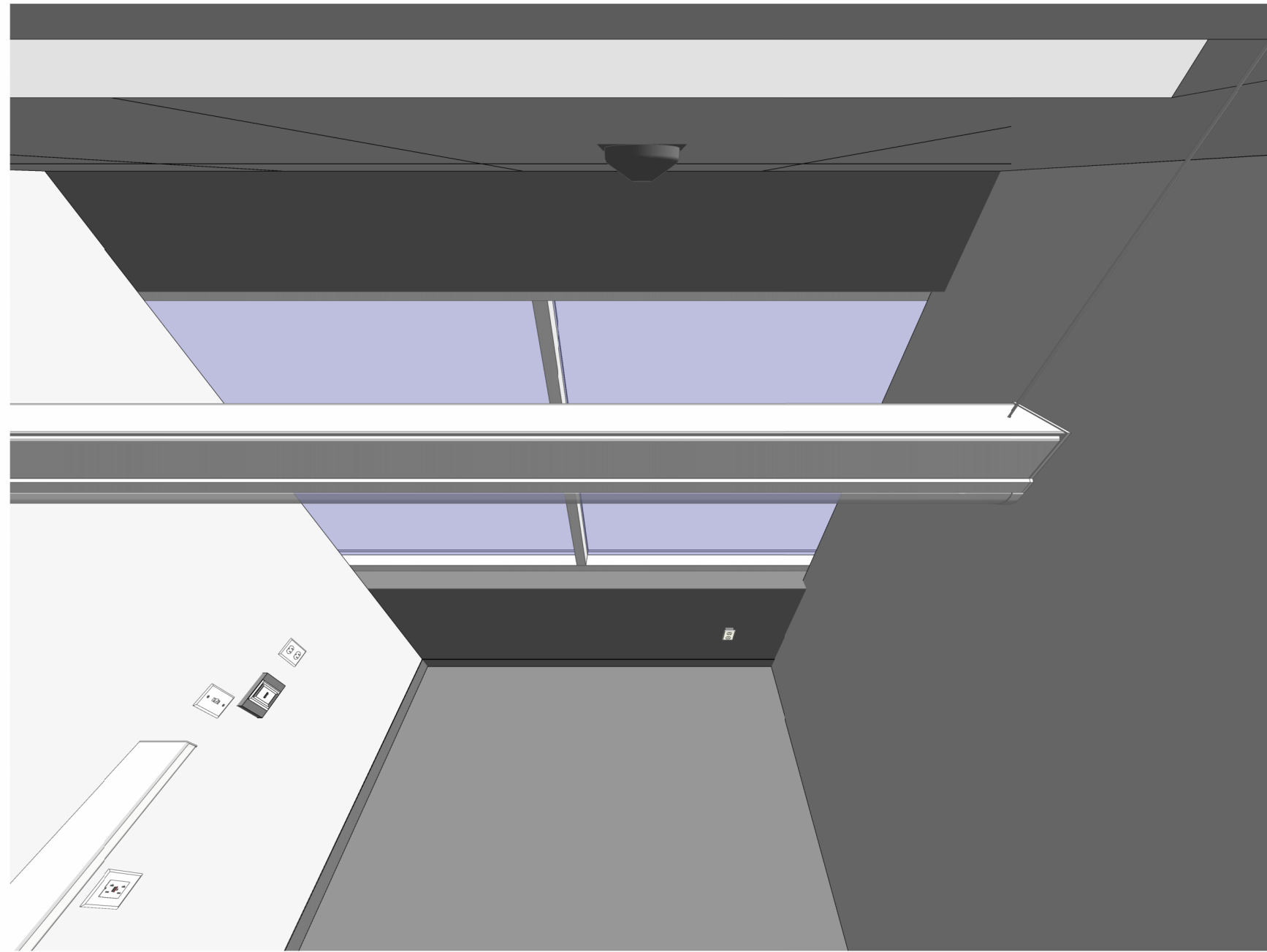
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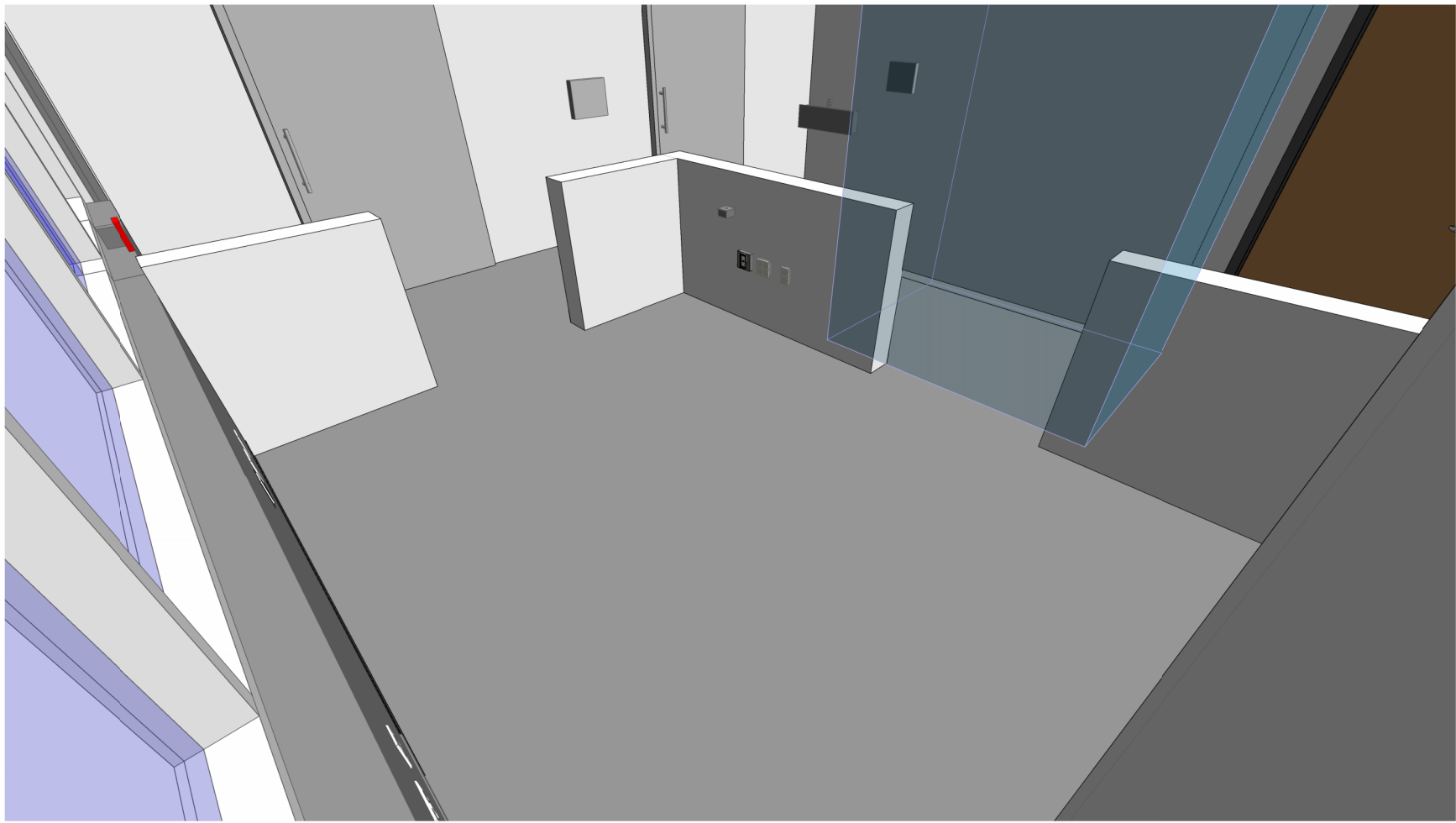
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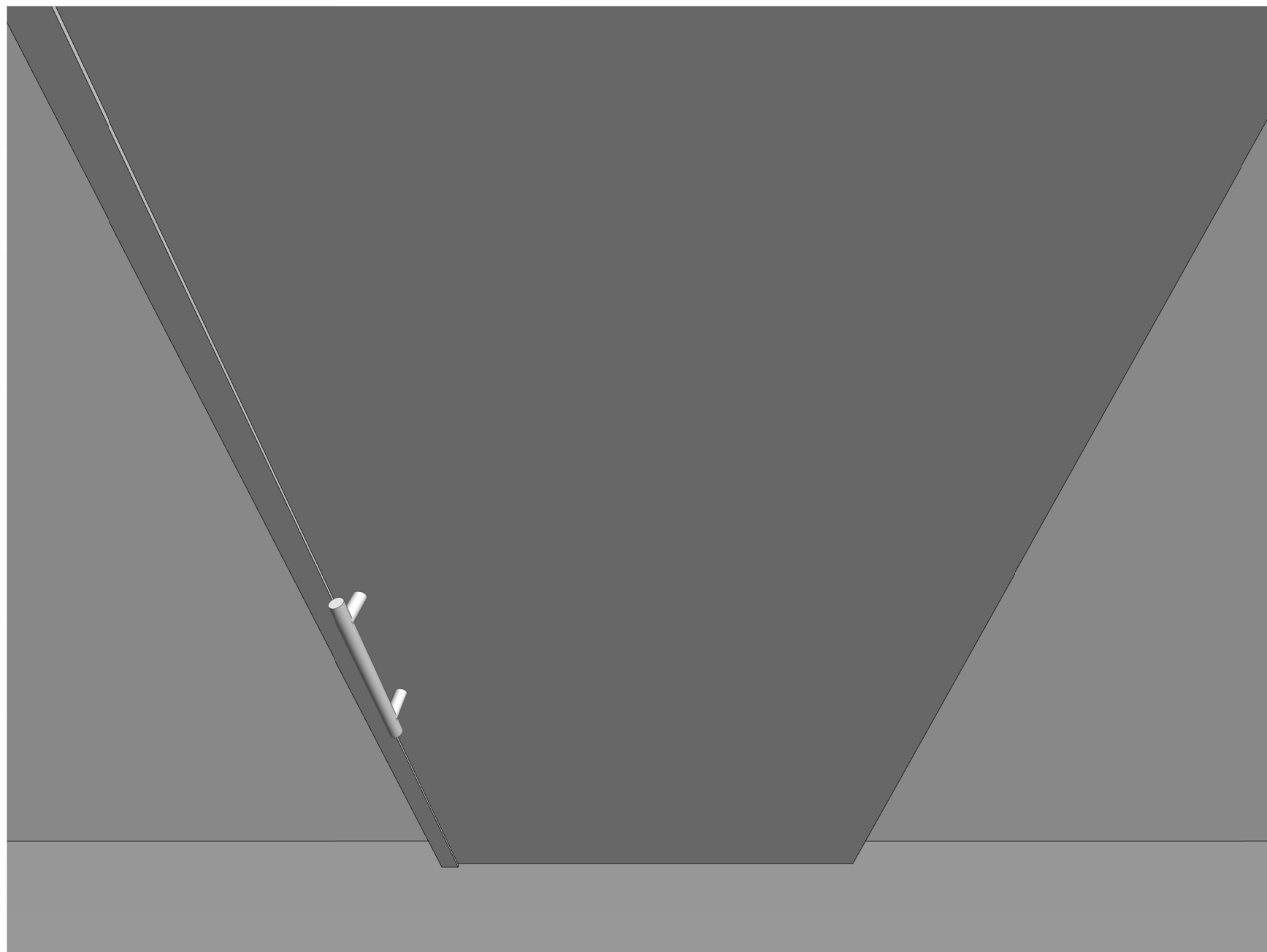
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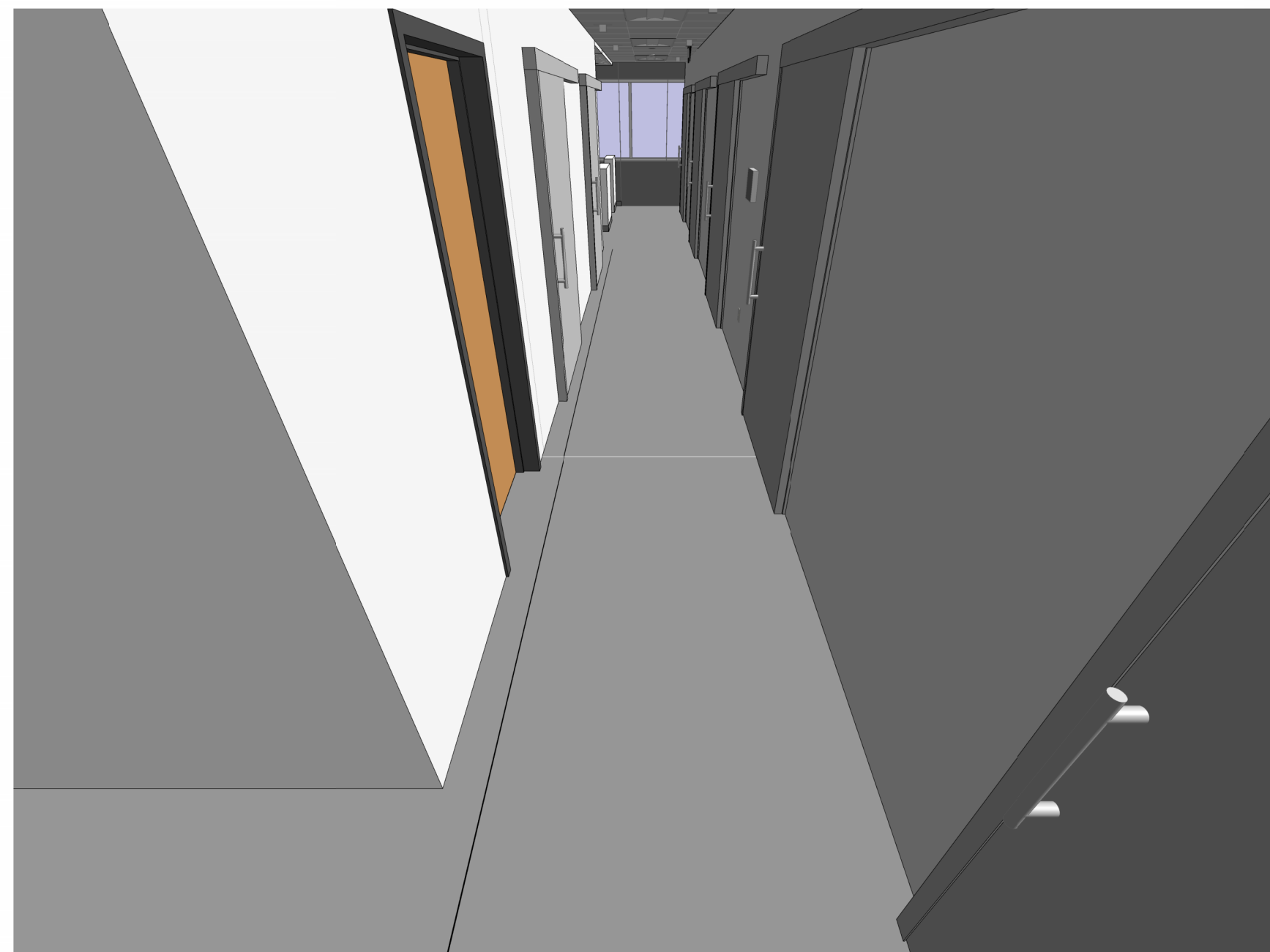
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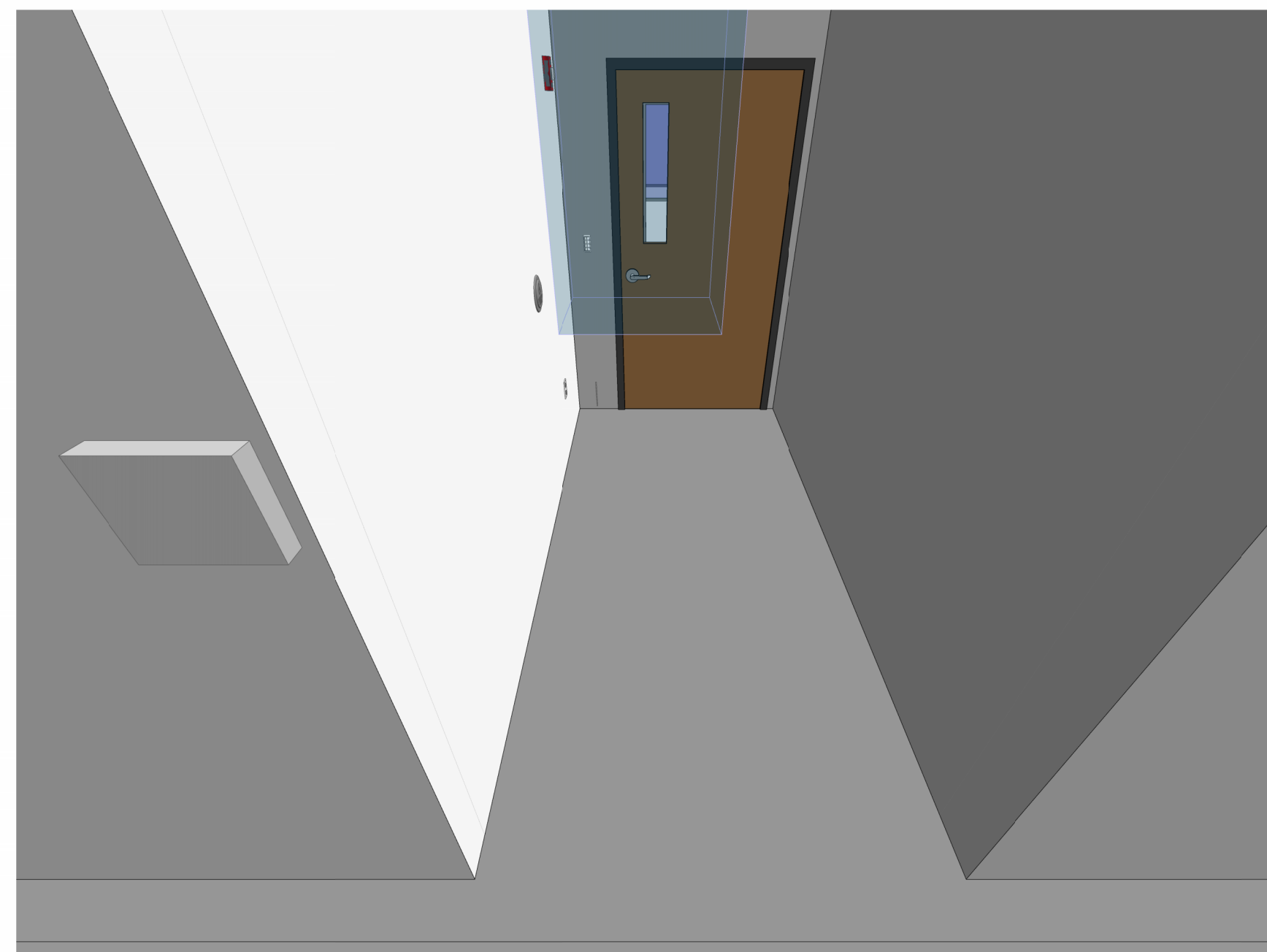
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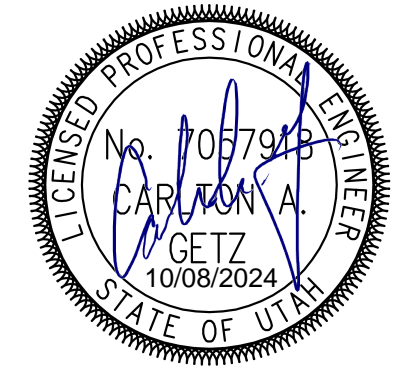
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Intermountain Health
Intermountain Kidney Services
Ogden Kidney Clinic

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CAMERA
FOVS

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