

Intermountain Health
Intermountain Medical Center
Angio Lab #3 Remodel Project

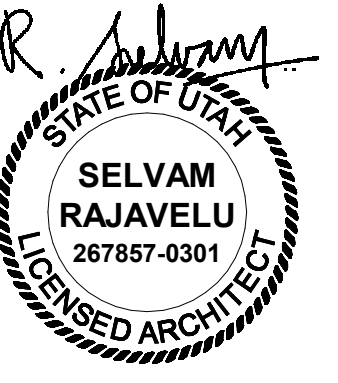
5121 South Cottonwood Street
Murray, UT 84107

Construction Documents

DESIGN TEAM	
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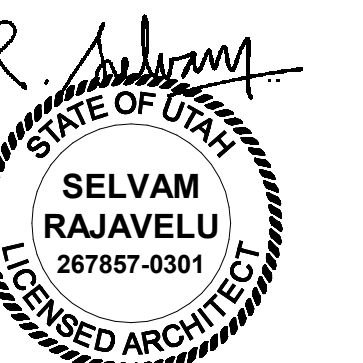
Intermountain Health
Intermountain Medical Center
Angio Lab #3 Remodel Project

5121 South Cottonwood Street
Murray, UT 84107

NJRA Project # 22247.00
Construction Documents June 30, 2023

Cover Sheet

G001



DRAWING INDEX

GENERAL

G002	Cover Sheet
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S502	Structural Details

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A113A	Floor Plan Level 1 - Area A
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M001	Mechanical General Notes
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MD101A	Level 1 Mechanical Demolition Plan - Area A
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M501	Mechanical Details
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PLUMBING

PD100A	Underfloor Plumbing Demolition Plan - Area A
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P100A	Underfloor Plumbing Plan
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MGD101A	Level 1 Medical Gas Demolition Plan - Area A
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ELECTRICAL

EE001	Sheet Index, Abbreviations, and General Notes
EE002	Telecom Schedules and Notes
EE001	Electrical Details
EE701	Typical Mounting Height Details

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EP100	Level 1 Overall Power Plan
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EL101	Level 1 Lighting Plan
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EQUIPMENT

Q100	Philips Equipment
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Q108	Philips Equipment
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Q111	Steris Equipment
Q112	Steris Equipment

VICINITY MAP



PROJECT DESCRIPTION

THIS PROJECT INCLUDES THE FOLLOWING SCOPE OF WORK:

- PROJECT INCLUDES REMODEL OF EXISTING ANGIOGRAPHY LAB #3 TO REPLACE EXISTING END OF LIFE EQUIPMENT WITH NEW ANGIO EQUIPMENT. THE REMODEL EXPANDS THE SIZE OF THE ROOM FOR NEW EQUIPMENT REQUIREMENTS AND INCLUDES READING ROOM AND ADDITION OF A TOILET ROOM FOR A TOTAL REMODEL AREA OF 1328 SQ FT.
- SCOPE OF THE PROJECT INCLUDES ALL ASSOCIATED STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL WORK TO ACCOMMODATE THE NEW EQUIPMENT ALONG WITH FINISH UPGRADE NEW LEAD SHIELDED WALLS, MILLWORK ETC. AS OUTLINED IN THE CONSTRUCTION DOCUMENTS.

APPROVALS

Approver Name, Title Date

Approver Name, Title Date

Approver Name, Title Date

Approver Name, Title Date

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 THROUGH 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 shielded space

INFECTION CONTROL RISK GROUP

Highest:
 • Pharmacy

CONSTRUCTION CLASS

Construction Activity Type:

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

INFECTION CONTROL PROTOCOLS

- During Construction (Class IV):
- Platform 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.

ABBREVIATIONS

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

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.

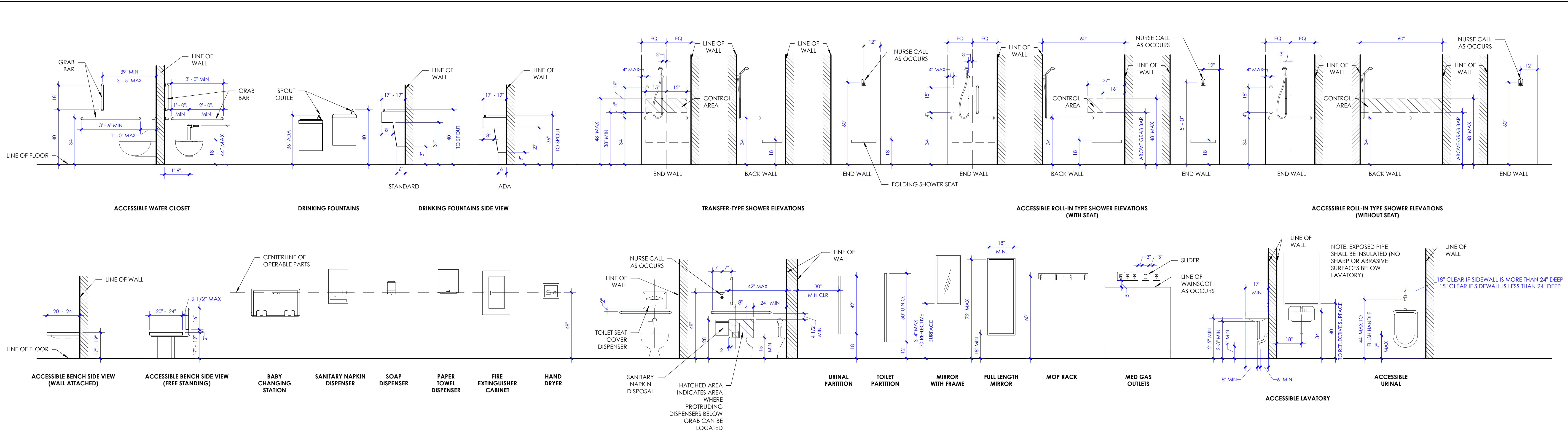
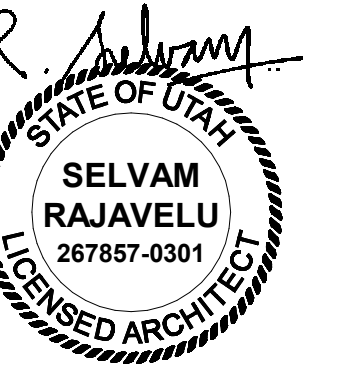
- DETAILS AND ENGINEERING CALCULATIONS FOR ALL NONSTRUCTURAL COMPONENTS THAT ARE PERMANENTLY ATTACHED TO STRUCTURES AND THEIR SUPPORTS AND ATTACHMENTS. THESE SHALL BE DESIGNED AND CONSTRUCTED TO RESIST THE EFFECTS OF EARTHQUAKE MOTIONS IN ACCORDANCE WITH ASCE 7-05, REFERENCE IBC SECTION 1613.1. THIS INCLUDES:
 - ELECTRICAL SYSTEMS
 - MECHANICAL SYSTEMS
 - PLUMBING SYSTEMS
- 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
- STRUCTURAL TRUSS AND JOIST DESIGNS (AS LISTED IN THE STRUCTURAL DRAWINGS).

SPECIAL INSPECTIONS

SEE STRUCTURAL DRAWINGS FOR SPECIAL INSPECTIONS REQUIRED.

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.



1 Typical Mounting Heights
SCALE: 3/8" = 1'-0"

LEGEND - MATERIALS

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

Concrete	Finish Wood
Gypsum Board	Blocking
Steel	Stone
Earth	Gravel
Masonry Concrete Block	Ball Insulation
Masonry Brick	Insulation Rigid

GENERAL INFORMATION SYMBOLS & TAGS

<p>SHEET NUMBERING SYSTEM</p> <p>A100A</p> <ul style="list-style-type: none"> A: PROJECT AREA 100: SHEET NUMBER SEQUENCE 0: SHEET TYPE A: DISCIPLINE 	<p>ROOM TAG</p> <p>ROOM NAME: OFFICE-4, 155 SF, (O.L. 999)</p> <p>ROOM COUNT DESIGNATION: 155 SF</p> <p>DENOTES OCCUPANT LOAD IN CODE COMPLIANCE PLANS.</p> <p>DENOTES ROOM AREA OF 155 SQUARE FEET</p> <p>ROOM NUMBER, LETTER "A" IN THE ROOM NUMBER DENOTES "AREA A" IN THE PROJECT, NUMBER "3" DENOTES "FLOOR LEVEL 3", NUMBER "24" DENOTES ROOM NUMBERING SEQUENCE IN THE PROJECT AREA.</p>	<p>DOOR TAG</p> <p>DOOR TAGS ARE INDICATED ON DIMENSION FLOOR PLANS</p> <p>THE FIRST LETTER "A" AND THE FOLLOWING THREE DIGITS "124" DENOTES ROOM NUMBER</p> <p>SUFFIX "C" DENOTES SEQUENCE OF DOOR ACCESSING THE ROOM.</p> <p>A124C</p>
<p>GRID TAG</p> <p>GRID REFERENCE LETTER - A, B, C, ETC. (USED FOR HORIZONTAL GRID SEQUENCE, TYPICALLY FROM LEFT TO RIGHT)</p> <p>GRID REFERENCE NUMBER - 1, 2, 3, ETC. (USED FOR VERTICAL GRID SEQUENCE, TYPICALLY FROM TOP TO BOTTOM)</p> <p>A B</p> <p>1 2</p> <p>GRID LINE</p>	<p>DATUM POINT TAG</p> <p>+</p>	<p>WINDOW TAG</p> <p>WINDOWS TAGS ARE INDICATED ON DIMENSION FLOOR PLANS</p> <p>A</p>
<p>NORTH ARROW</p> <p>NORTH</p> <p></p>	<p>CEILING HEIGHT TAG</p> <p>B.O.C. BOTTOM OF CEILING</p> <p>B.O.H. BOTTOM OF HEADER</p> <p>HEIGHT ABOVE FINISH FLOOR</p> <p>B.O.C. 9'-0"</p>	<p>FLOOR FINISH TAG</p> <p>TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A603A. FOR FLOOR COVERING AND FINISHES REQUIRED.</p> <p>F2</p>
<p>BUILDING SECTIONS</p> <p>SECTION TAGS ARE INDICATED ON OVERALL DIMENSION FLOOR PLANS</p> <p>1 A101</p> <p>2 A101</p> <p>BUILDING SECTION</p> <p>SHEET WHERE DRAWN</p>	<p>SPOT ELEVATION</p> <p>DENOTES BUILDING REFERENCE ELEVATION</p> <p>T.O.W. TOP OF WALL</p> <p>T.O.C. TOP OF CURB</p> <p>D.B.E. DECK BEARING ELEVATION</p> <p>F.F.E. FINISH FLOOR ELEVATION</p> <p>B.O.V. BOTTOM OF VENEER</p> <p>T.O.S. TOP OF SIDEWALK</p> <p>T.O.C. TOP OF CURB</p> <p>T.O.W. 100'-0"</p>	<p>WALL BASE TAG</p> <p>TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A603A. FOR WALL BASE TYPE.</p> <p>W1</p>
<p>WALL SECTIONS</p> <p>SECTION TAGS ARE INDICATED ON DIMENSION FLOOR PLANS</p> <p>1 A101</p> <p>WALL SECTION</p> <p>SHEET WHERE DRAWN</p>	<p>VERTICAL ELEVATION</p> <p>DENOTES FLOOR LEVEL</p> <p>DENOTES BUILDING REFERENCE ELEVATION</p> <p>LEVEL 100'-0"</p>	<p>WALL FINISH TAG</p> <p>TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A603A. FOR WALL FINISHES REQUIRED.</p> <p>W3</p>
<p>DETAIL TAGS</p> <p>DETAIL NUMBER</p> <p>A506</p> <p>SHEET WHERE DRAWN</p>	<p>FLOOR PLAN MATCHLINE</p> <p>DETAIL LOCATION NUMBER</p> <p>SHEET WHERE DRAWN</p> <p>3 A101</p> <p>MATCHLINE</p>	<p>CEILING FINISH TAG</p> <p>TAGS ARE INDICATED ON REFLECTED CEILING PLAN. SEE FINISH SCHEDULE, SHEET A603A. FOR CEILING FINISHES REQUIRED.</p> <p>C3</p>
<p>DETAIL TAGS</p> <p>DETAIL NUMBER</p> <p>A506</p> <p>SHEET WHERE DRAWN</p>	<p>REVISION TAG</p> <p>CLOUD INDICATES DRAWING REVISION AREA</p> <p>REVISION NUMBER</p> <p>0020</p>	<p>OTHER FINISH TAG</p> <p>TAGS ARE INDICATED ON FINISH FLOOR PLAN & INTERIOR ELEVATIONS. SEE FINISH SCHEDULE, SHEET A603A. FOR FINISHES REQUIRED.</p> <p>(MS)(MM)(WP)(FL)(WC)(AC)</p>
<p>EXTERIOR ELEVATION TAGS</p> <p>TAGS ARE INDICATED ON OVERALL DIMENSION FLOOR PLANS AND KEY PLAN</p> <p>EXTERIOR ELEVATION NUMBER</p> <p>2 A202</p> <p>SHEET WHERE DRAWN</p>	<p>KEYED NOTES - PROJECT SPECIFIC</p> <p>KEYED NOTES THAT ARE PROJECT SPECIFIC AS INDICATED ON PLANS, SECTIONS AND ELEVATIONS</p> <p>DIVISION #</p> <p>DIVISION NOTE</p> <p>0020</p>	<p>CABINET TAG</p> <p>CABINET TYPES ARE INDICATED ON INTERIOR ELEVATIONS & CABINET LEGEND, SHEET A505A.</p> <p>W14</p>
<p>INTERIOR ELEVATION TAGS</p> <p>TAGS ARE INDICATED ON FINISH FLOOR PLANS</p> <p>INTERIOR ELEVATION NUMBER</p> <p>1 A232</p> <p>SHEET WHERE DRAWN</p>	<p>KEYED NOTES - GENERIC</p> <p>KEYED NOTES THAT ARE NOT PROJECT SPECIFIC AS INDICATED ON GENERIC, TYPICAL DETAILS.</p> <p>02</p>	<p>SIGN TAG</p> <p>TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE SIGN TYPE DETAIL 1/A506A</p> <p>S2</p>
	<p>WALL TAG</p> <p>WALL TAGS ARE INDICATED ON DIMENSION FLOOR PLANS. WALL TYPES ARE INDICATED IN SHEET A501A.</p> <p>A1</p>	

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General Information

G003

DOORS AND DOORWAYS

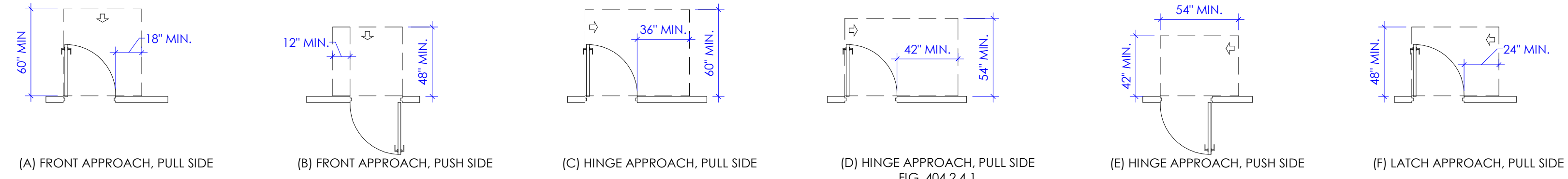
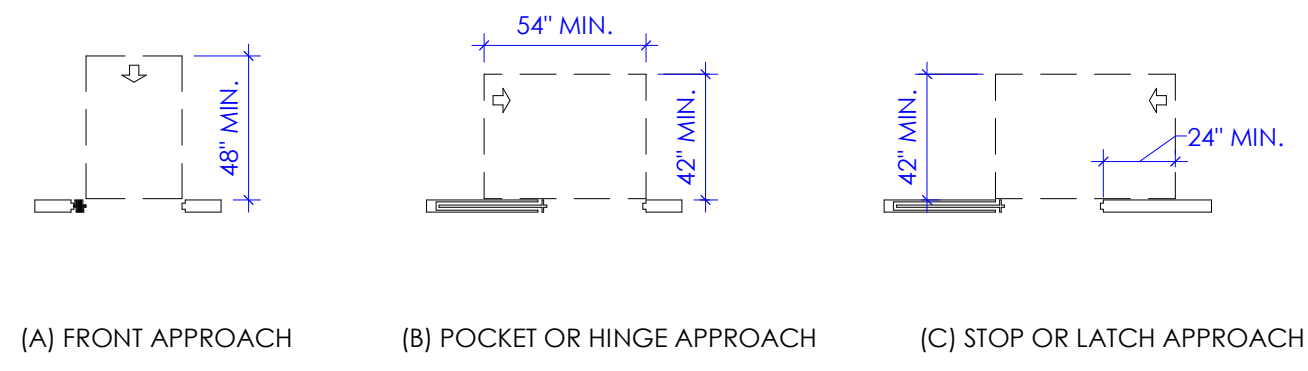
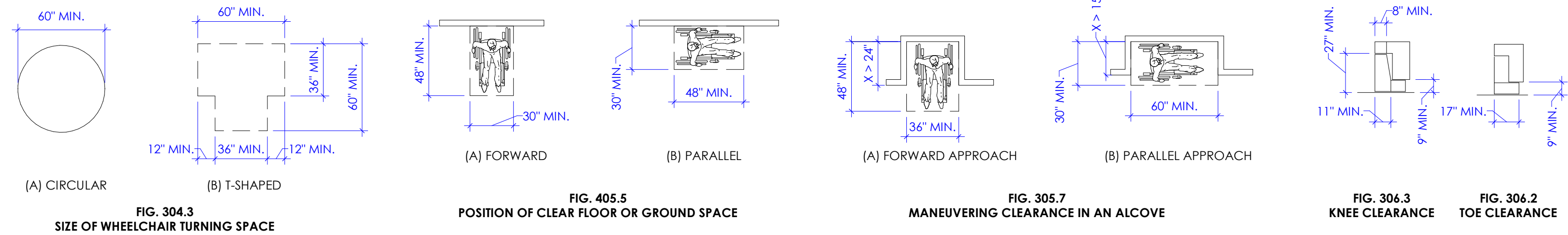


FIG. 404.2.4
TWO DOORS IN A SERIES

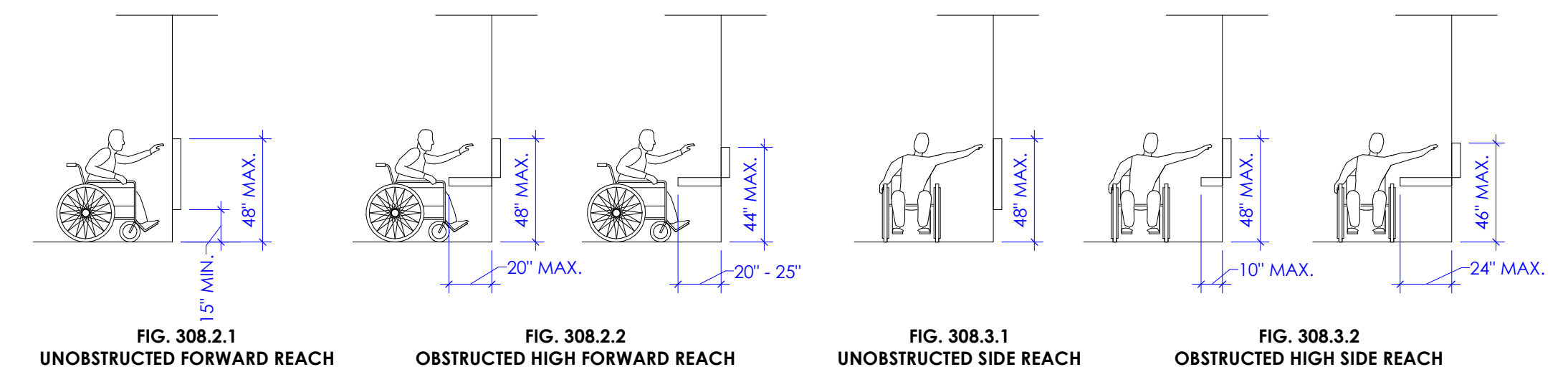
FIG. 404.2.4.2
MANEUVERING CLEARANCE AT SLIDING AND FOLDING DOORS



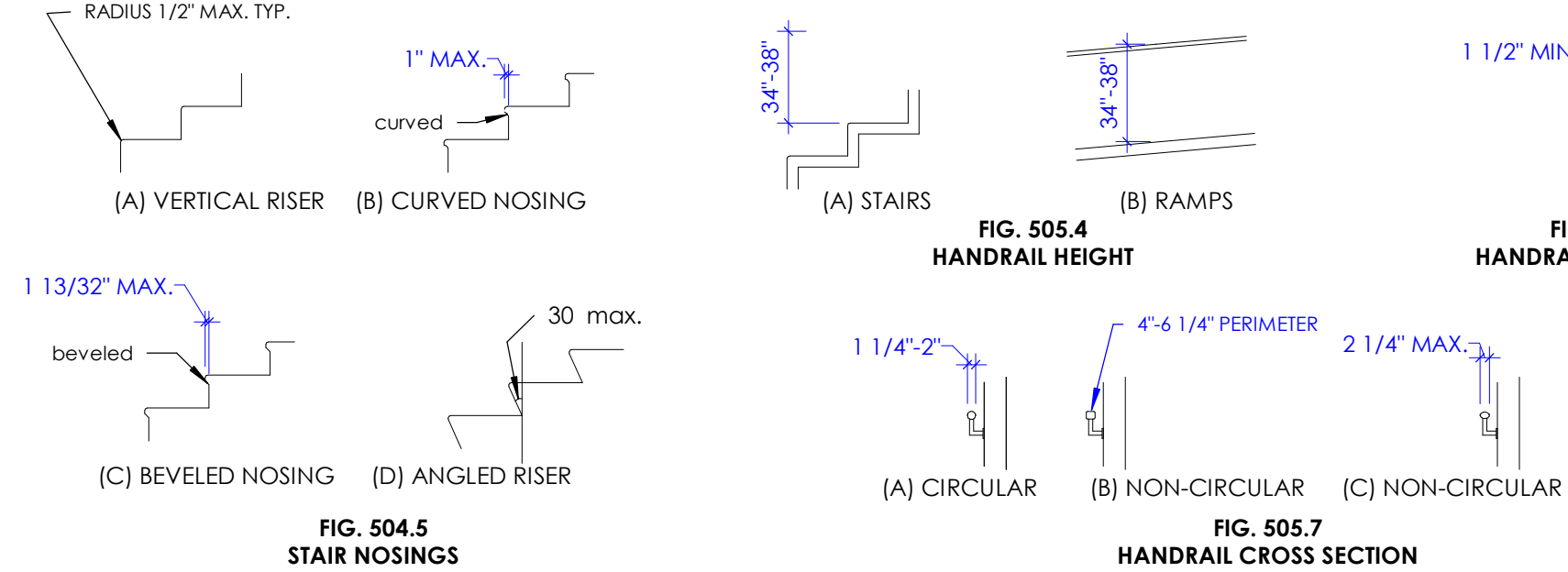
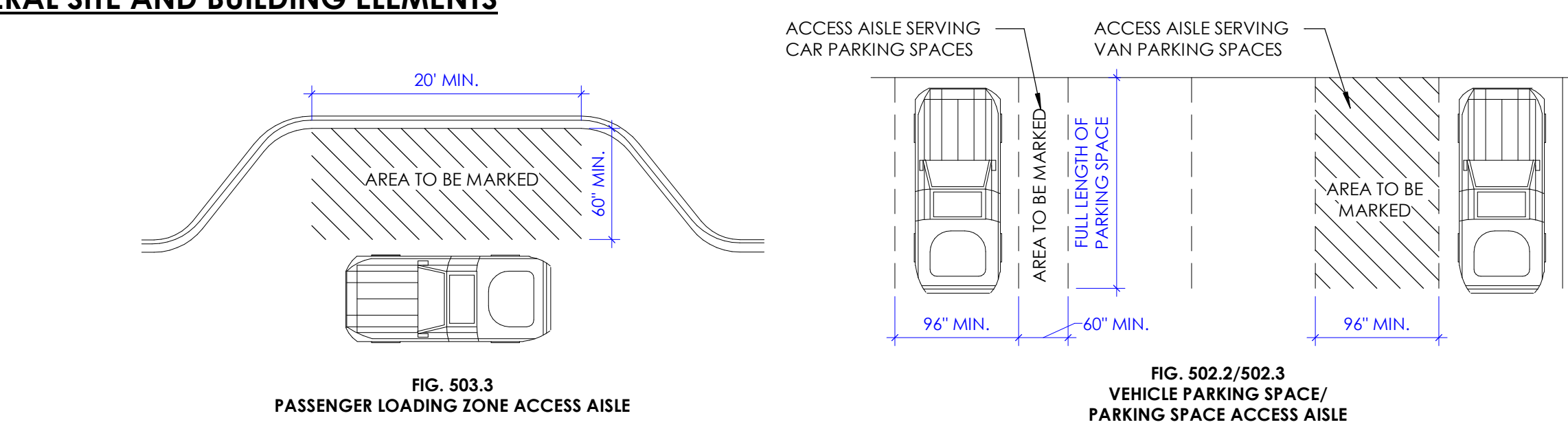
CLEAR FLOOR SPACE



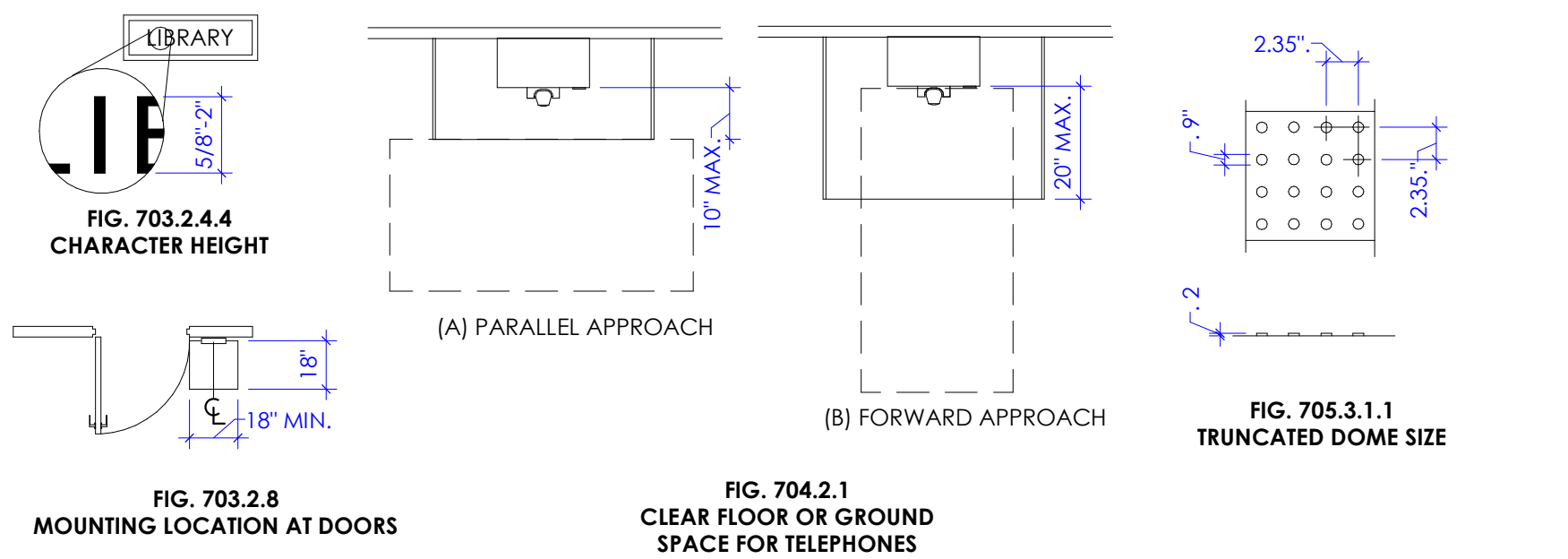
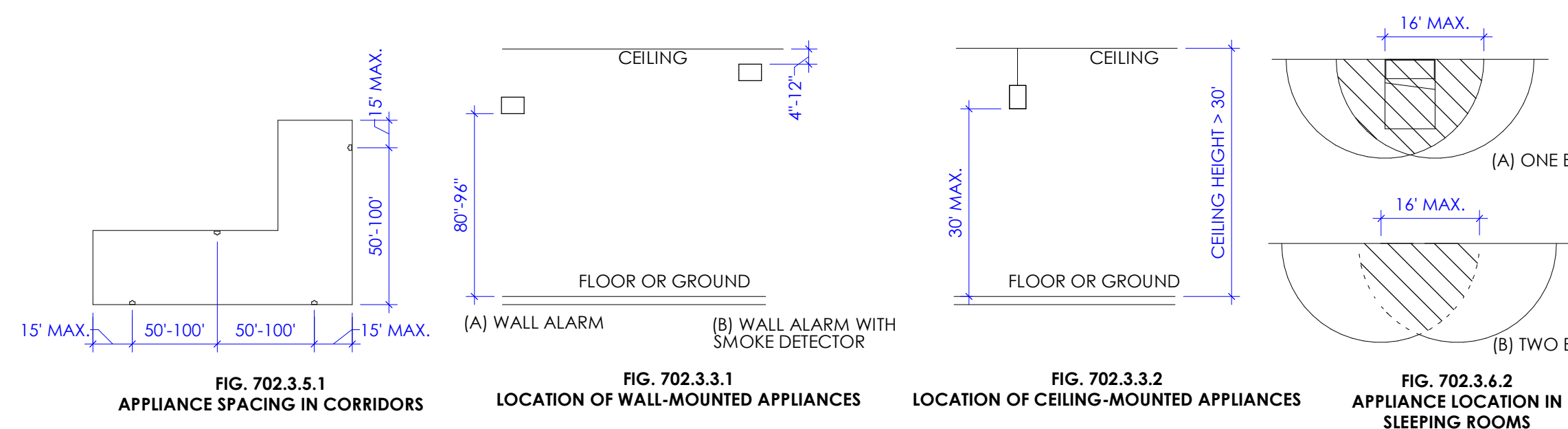
REACH RANGES



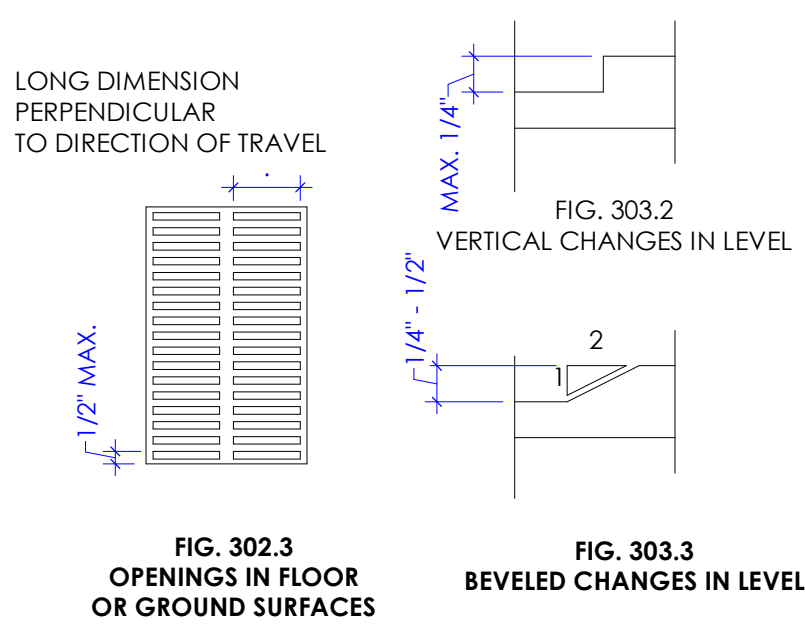
GENERAL SITE AND BUILDING ELEMENTS



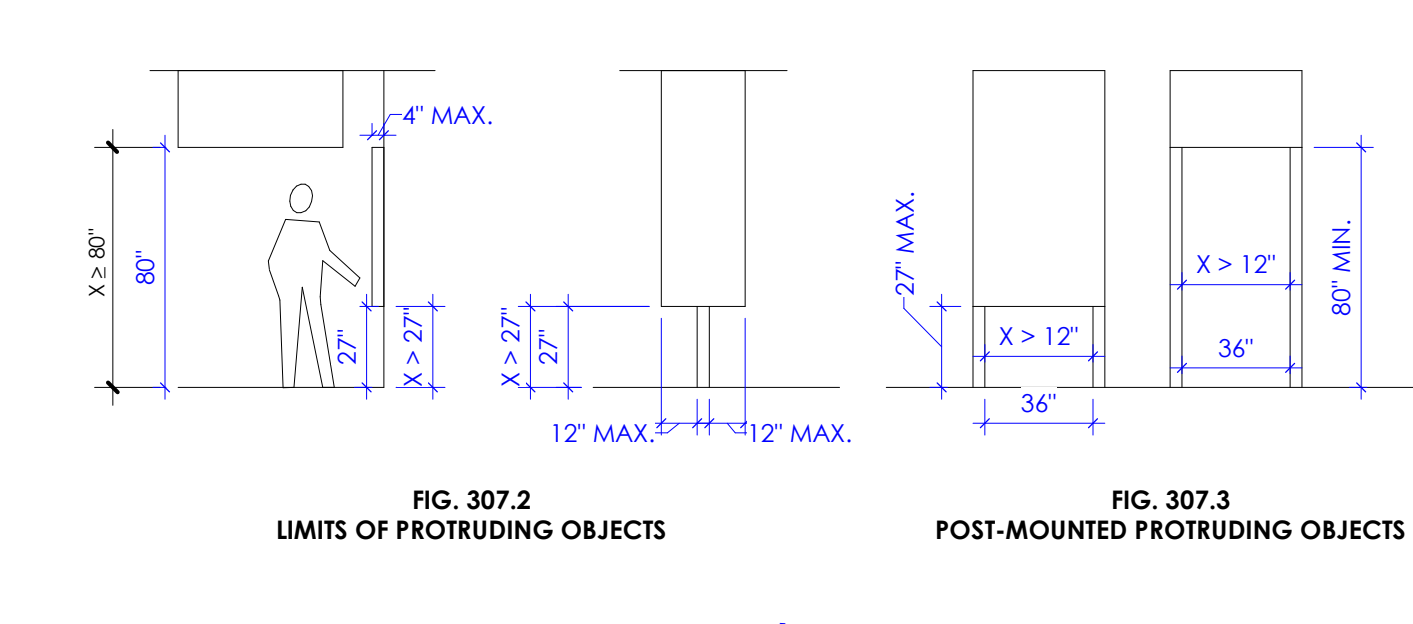
COMMUNICATION ELEMENTS AND FEATURES



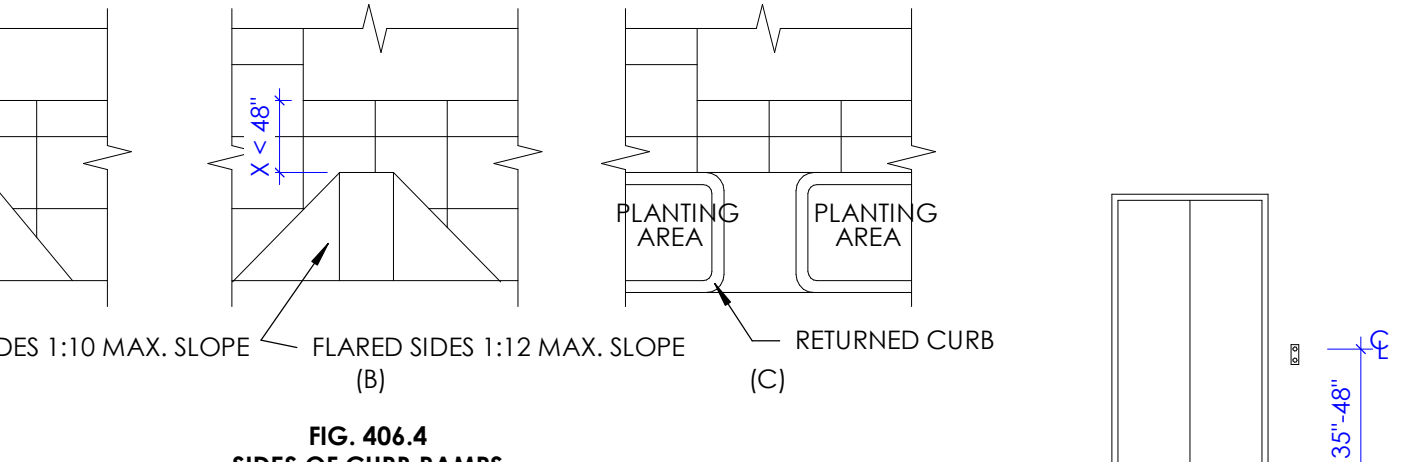
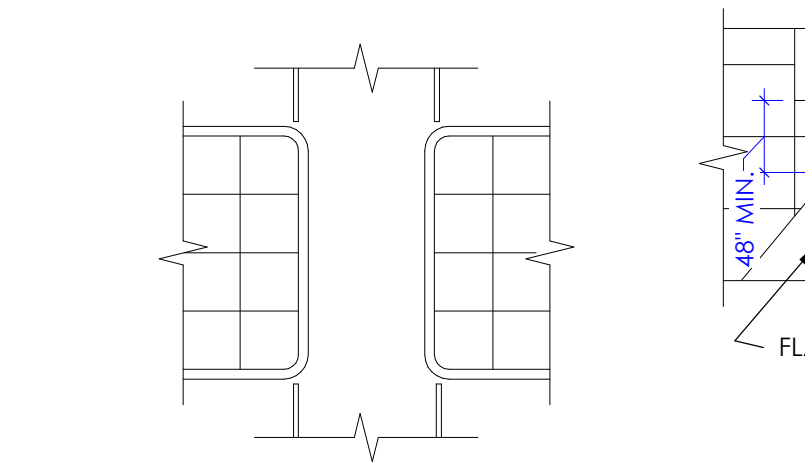
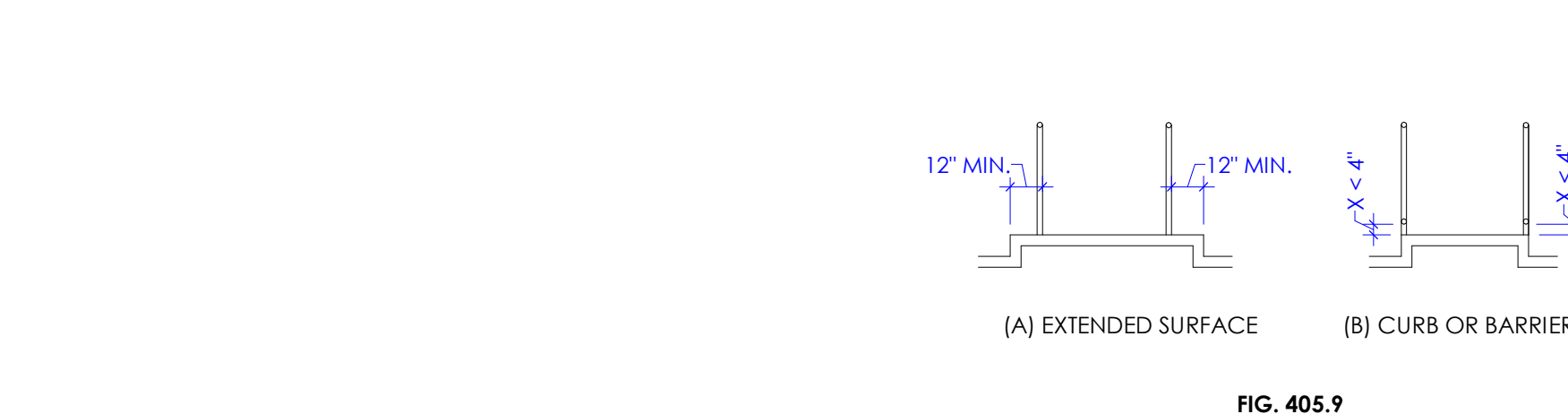
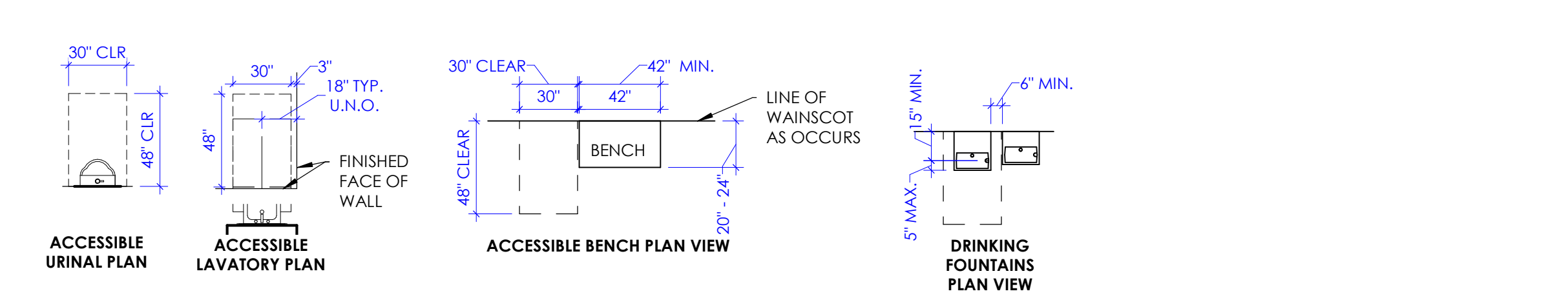
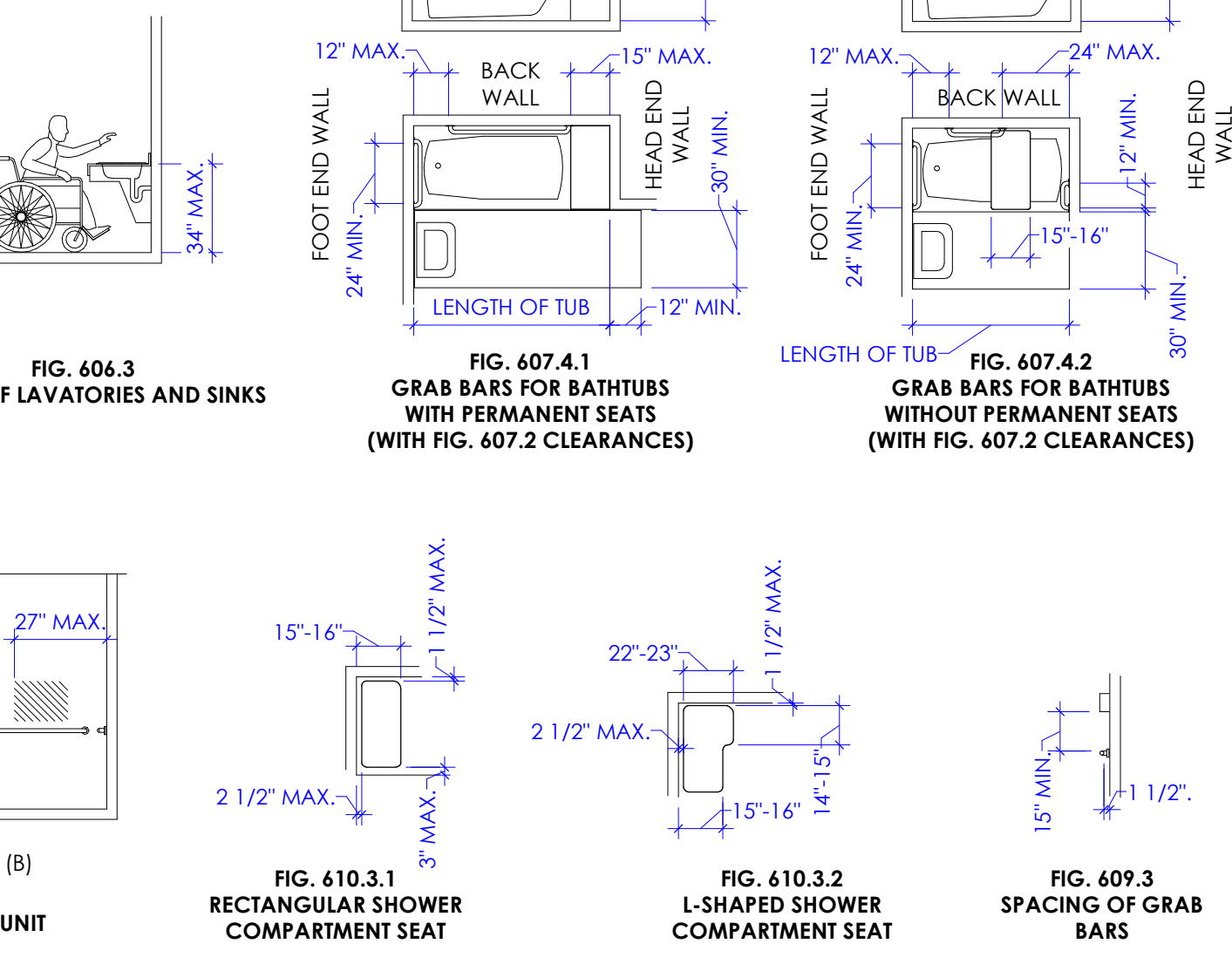
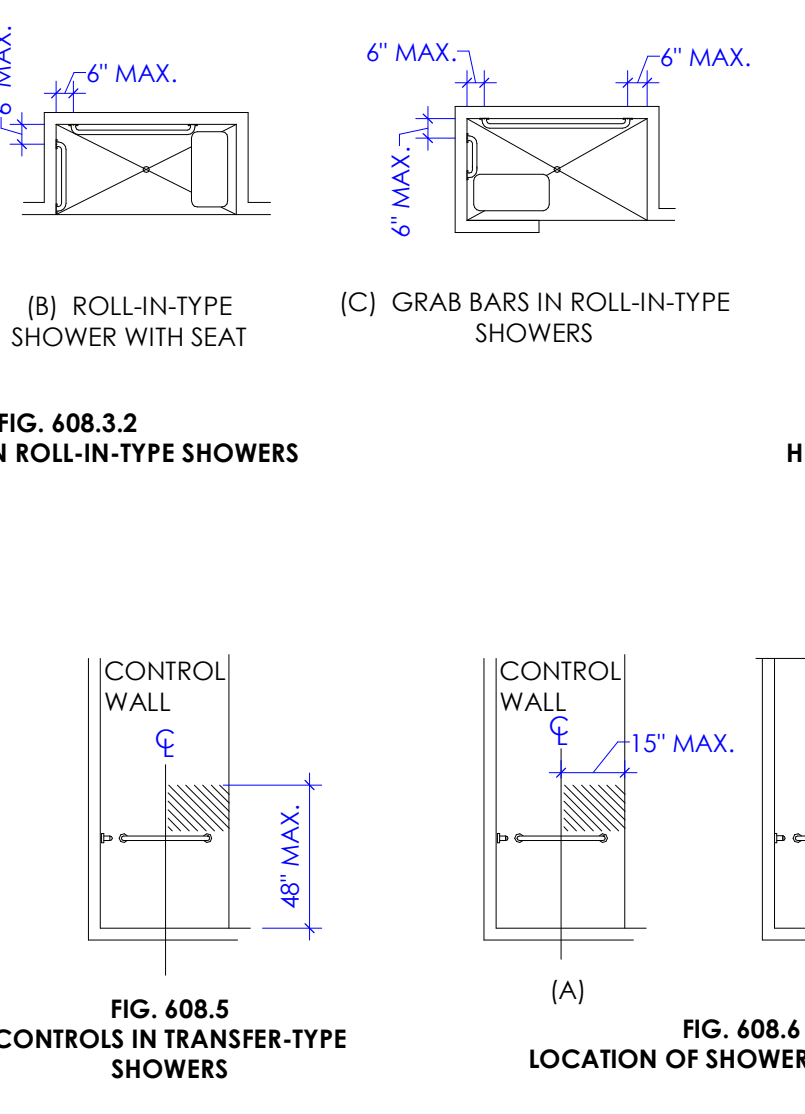
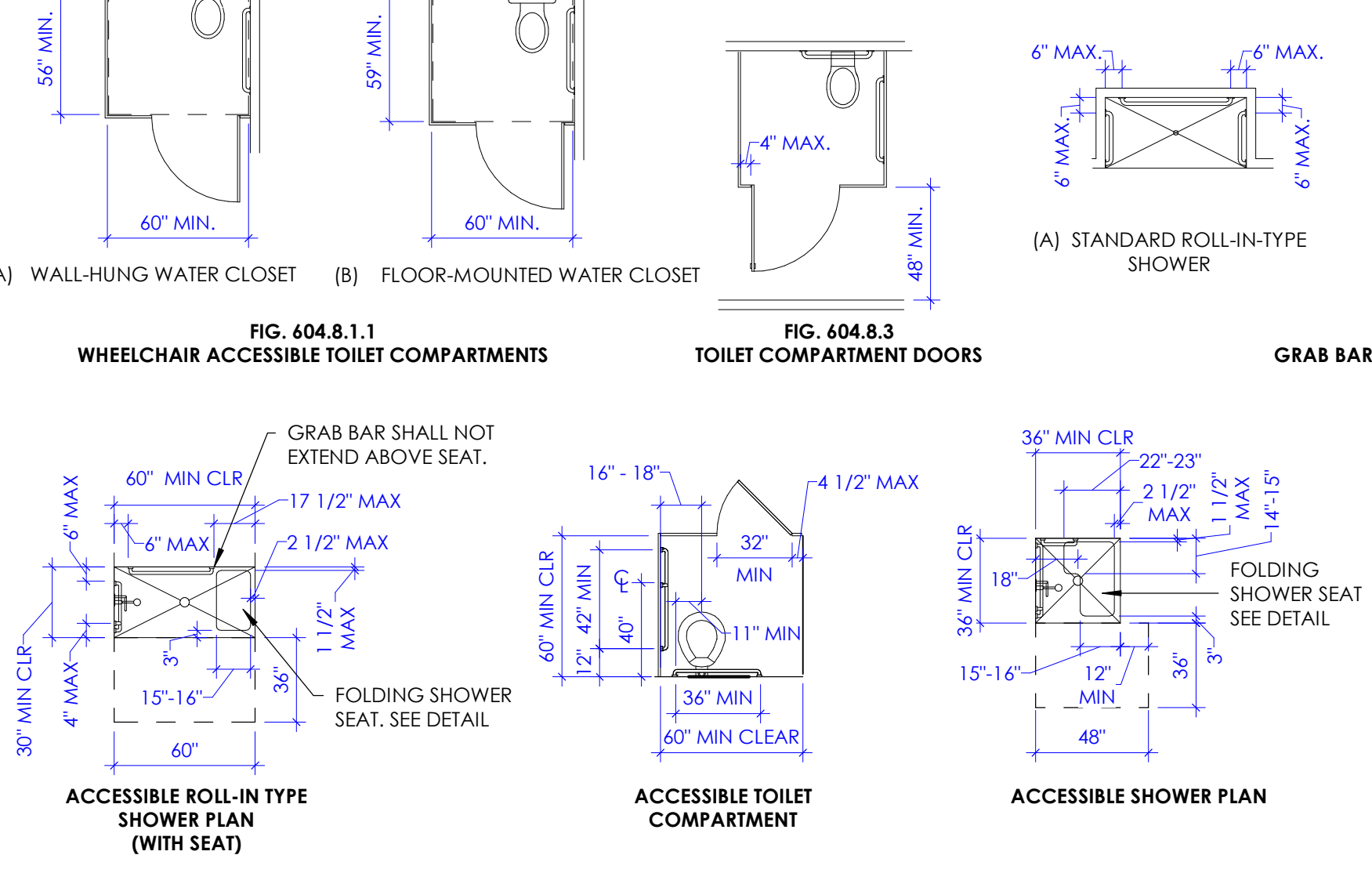
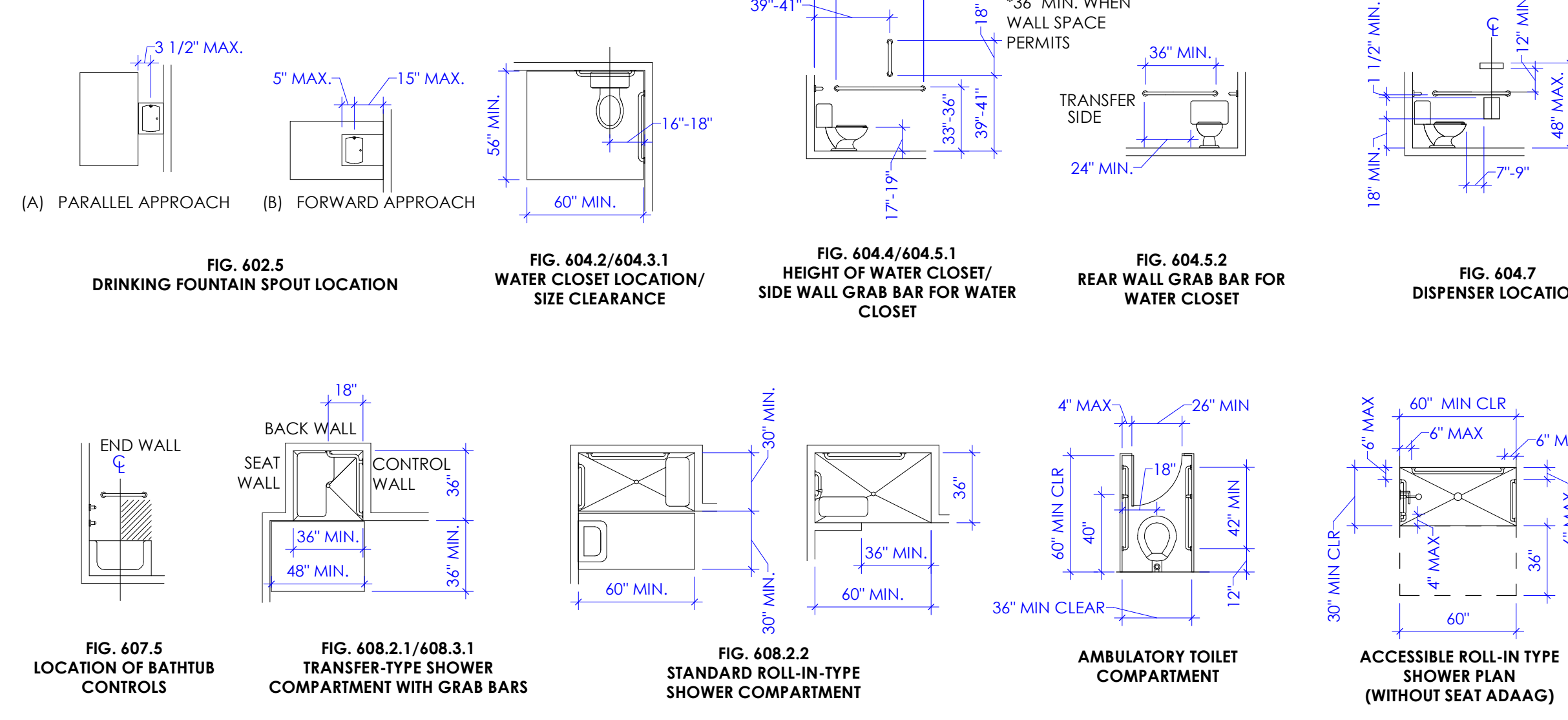
BUILDING BLOCKS



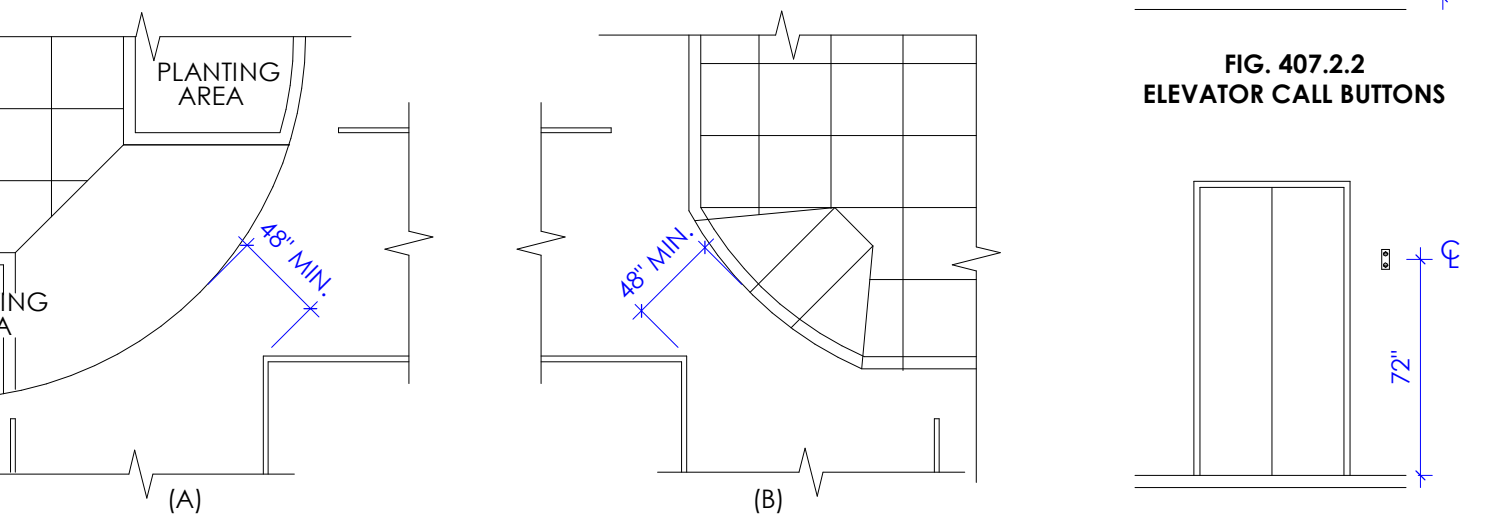
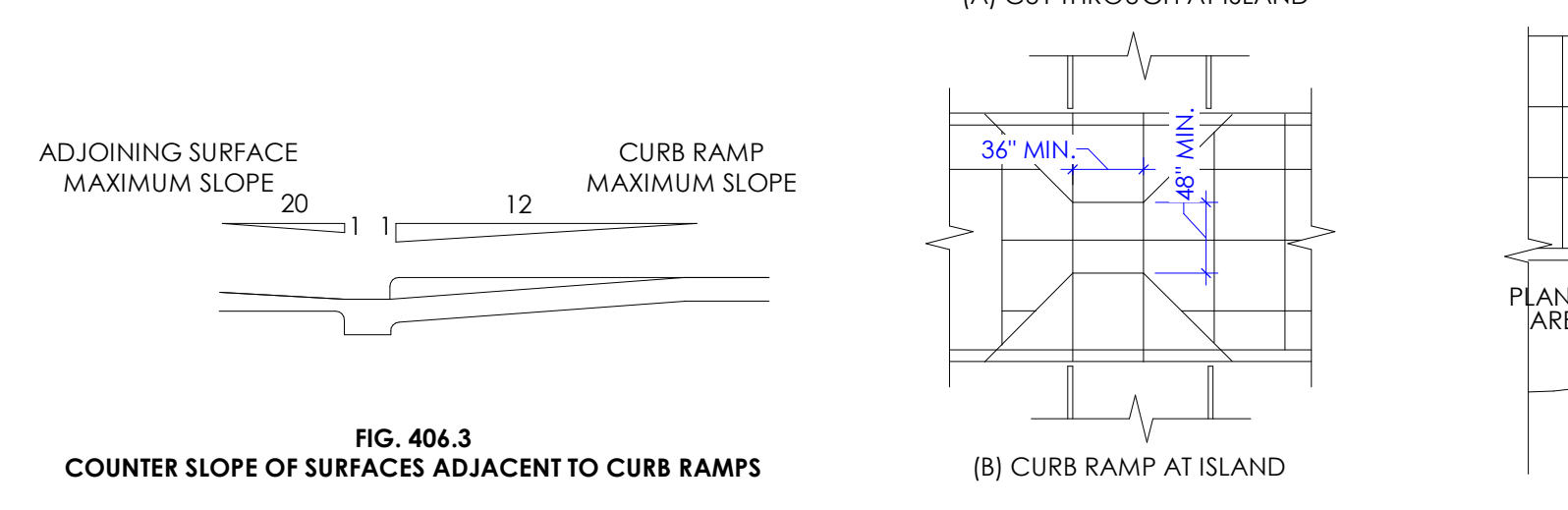
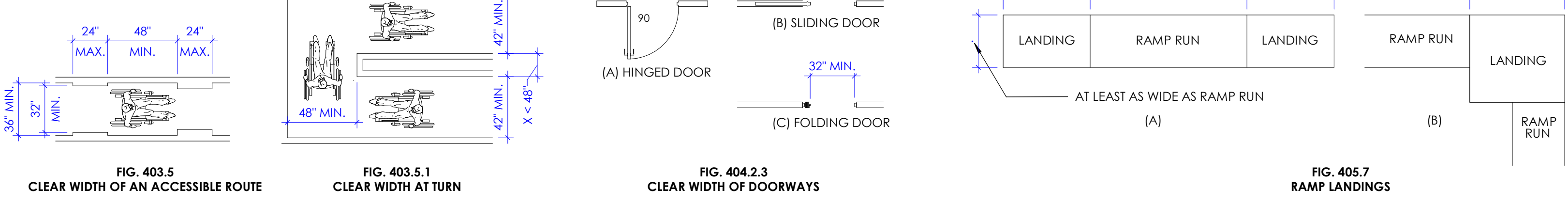
PROTRUDING OBJECTS

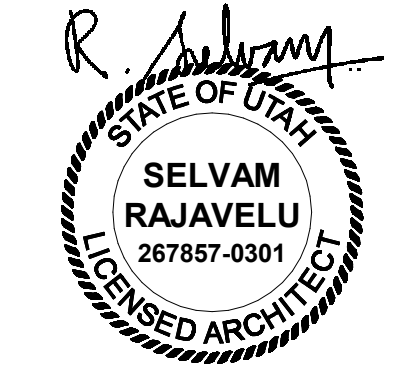


PLUMBING ELEMENTS AND FACILITIES



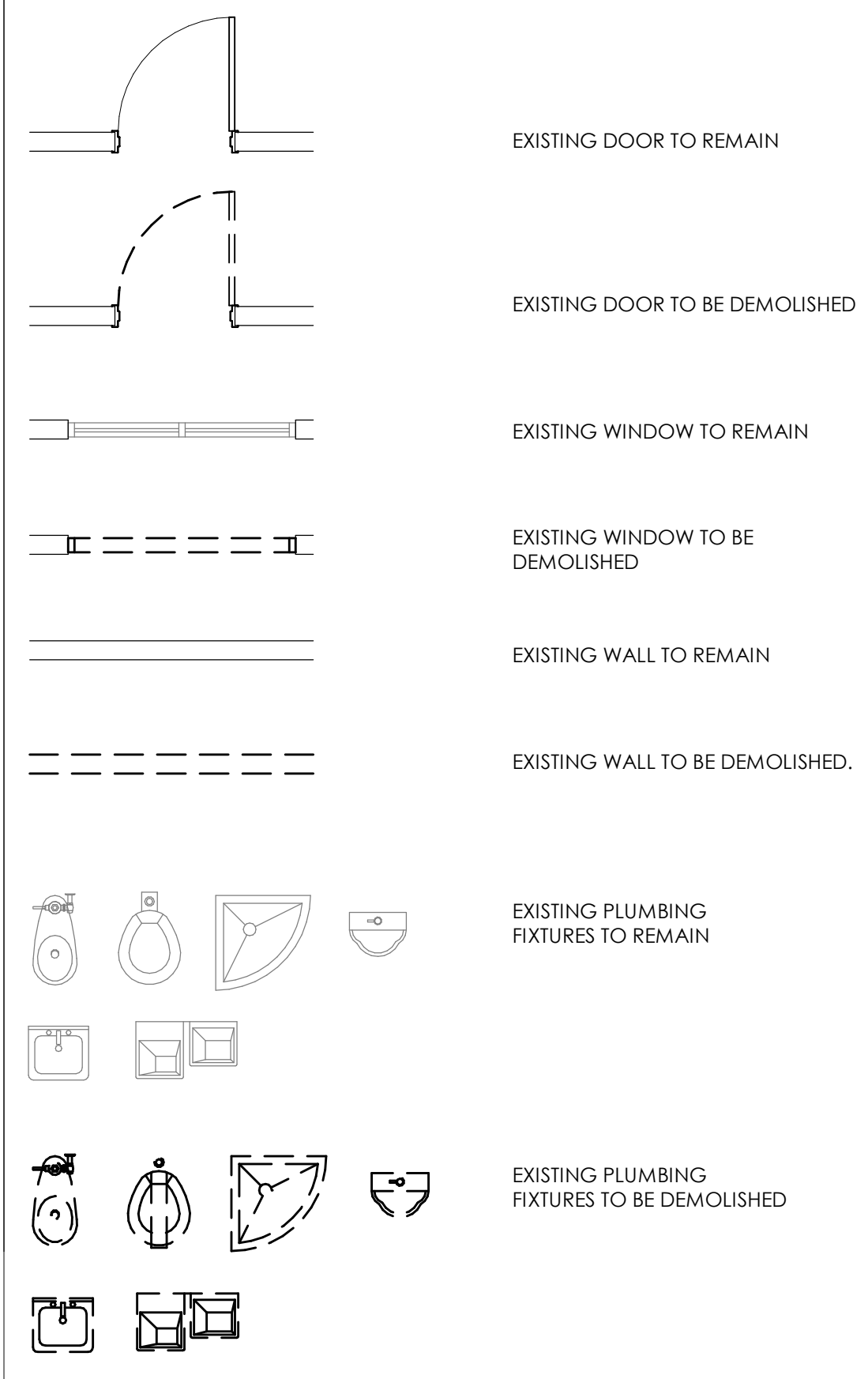
ACCESSIBLE ROUTES





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.

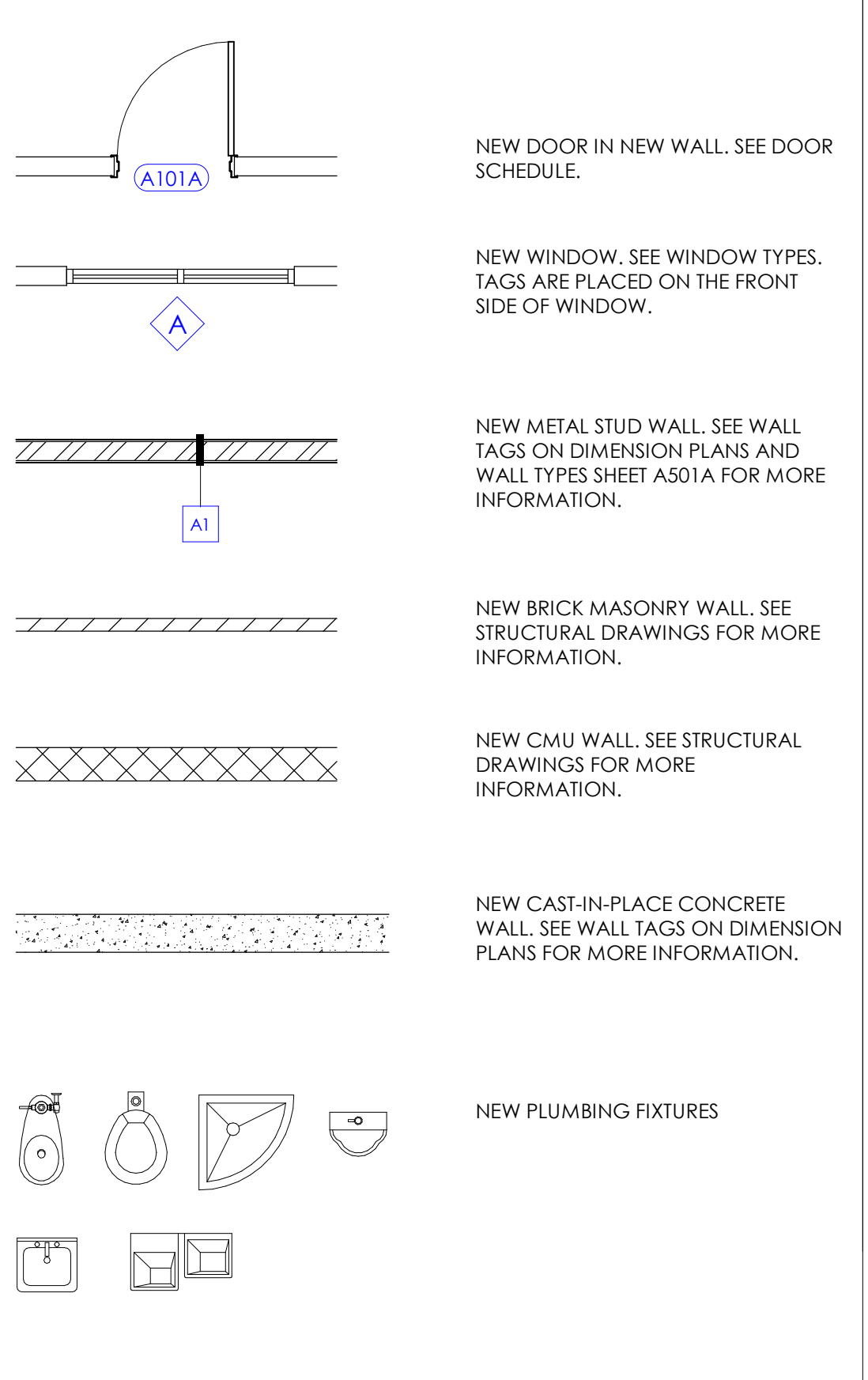


GENERAL NOTES - DEMOLITION FLOOR PLAN

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.

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.



GENERAL NOTES - FLOOR & DIM. PLANS

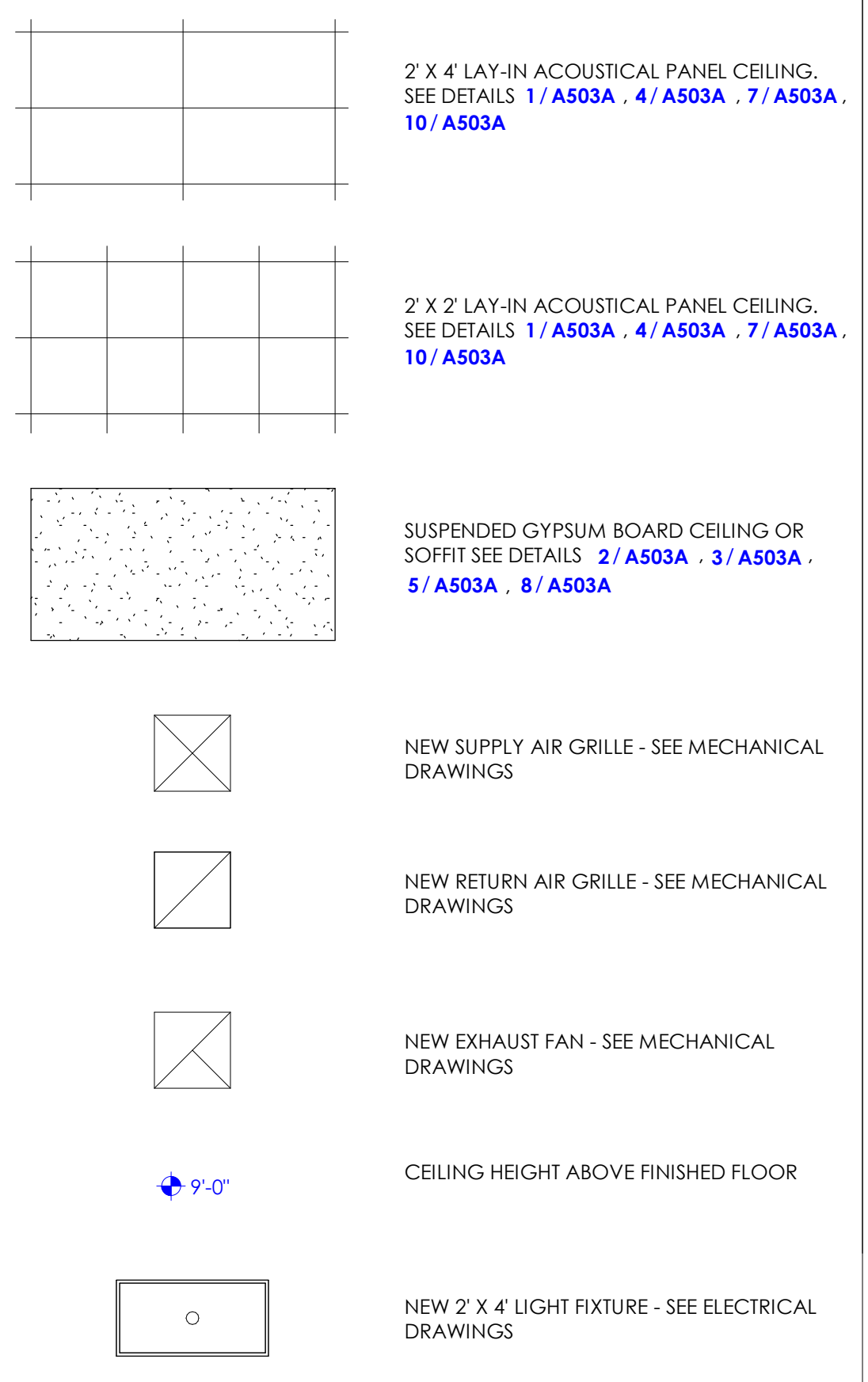
- REFER TO THE CODE COMPLIANCE PLANS FOR INDICATION OF FIRE RATED WALLS.
- AT LOCATIONS WITHOUT CEILING (ROOM IS OPEN TO STRUCTURE ABOVE), EXTEND ALL WALLS, OFFITS, AND HEADERS (INCLUDING ALL STUD FRAMING, GYPSUM BOARD, INSULATION & CMU, WHERE APPLICABLE) TO THE METAL ROOF DECK ABOVE.
- WHEN FLOOR HEIGHT VARIES IN A ROOM, THE CEILING HEIGHT SHOWN IS THE HEIGHT ABOVE THE FLOOR AT THE ENTRY. UNO.
- SEE INTERIOR ELEVATIONS FOR TOILET AND BATHROOM ACCESSORIES (GRAB BARS, MIRRORS, DISPENSERS, ETC.).
- 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".
- 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.
- VERIFY WITH ARCHITECT FOR DIMENSIONS NOT SHOWN.
- 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.
- SEE CIVIL, FOOD SERVICE, PLUMBING, AND MECHANICAL DRAWINGS FOR FLOOR SINKS, FLOOR DRAINS, AND OPENINGS IN FLOOR SLABS AND ROOFS FOR DUCTWORK, ETC.
- SEE DOOR AND WINDOW SCHEDULE FOR THE REQUIRED DOOR AND WINDOW OPENING SIZES
- 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.
- 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.
- WALL CABINETS HAVE A DEPTH OF 1'-3" UNLESS NOTED OTHERWISE.
- 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.
- SEE OVERALL FLOOR PLAN SHEETS FOR ANGLES, PIVOT POINT AND DIMENSIONS BETWEEN GRID LINES.
- SEE CODE COMPLIANCE FLOOR PLANS FOR LOCATION OF FIRE BARRIER, NON RATED WALLS, ETC.
- SEE ENLARGED FLOOR PLANS FOR ADDITIONAL DIMENSIONS.
- 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 - DOOR SCHEDULE

- SEE PROJECT MANUAL FOR DOOR HARDWARE SCHEDULE.
- 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.
- 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.
- ALL EXTERIOR DOORS SHALL BE INSULATED.
- 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.
- 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.
- COORDINATE DOORS & GATES OUTSIDE BUILDING WITH SITE PLAN.

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.



GENERAL NOTES - REFLECTED CEILING PLAN

- 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.
- 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.
- CONTRACTOR SHALL NOT HANG CEILING TILES AND LIGHTS FROM DUCTS, FOR AREAS ABOVE THE CEILING WHERE OVERSIGHT OCCUR. SEE DETAIL 1 / A503A .
- 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

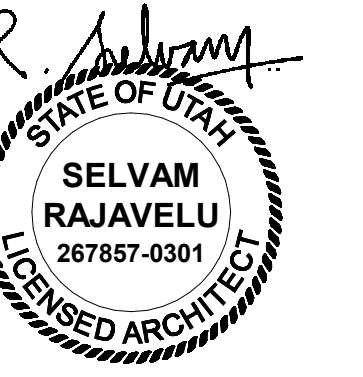
- ALL EXTERIOR WALL FINISHES ARE TO BE 6" ABOVE FINISH GRADE, TYPICAL.
- SEE WINDOW SCHEDULE FOR WINDOW OPENINGS AND SILL HEIGHT (UNLESS NOTED ON THE EXTERIOR ELEVATIONS). SEE DOOR SCHEDULE FOR DOOR OPENING SIZES.
- ALL FINISHES TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS AND PER SPECIFICATION SECTION IN THE PROJECT MANUAL.
- 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.
- SPACING BETWEEN STRUCTURAL MEMBERS SHALL FOLLOW INDICATIONS GIVEN ON STRUCTURAL PLANS (TYPICAL).
- FIRE PROTECTION ON ASSEMBLIES, ELEMENTS AND MEMBERS SHALL COMPLY WITH ALL THE CODE REQUIREMENTS, TYPICAL. REFER TO CODE COMPLIANCE PLANS.
- WOOD MATERIAL UNDER TYPE II-B CONSTRUCTION SHALL BE FIRE-RETARDANT, PRESSURE-TREATED, TYPICAL, UNO.
- ALL INTERIOR WALLS SHALL BE BUILT FOLLOWING WALL TYPE DETAILS, TYPICAL.
- 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.
- AT INTERIOR MASONRY WALL OUTSIDE CORNERS, PROVIDE BULL NOSE BLOCK.
- 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

- 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 CONSTRUCTION. ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND CONSULTING ENGINEERS' DRAWINGS SHALL BE BROUGHT TO THE ARCHITECTS 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.
- ALL WORK SHALL COMPLY WITH THE CURRENT ADA ACCESSIBILITY GUIDELINES (AMERICANS WITH DISABILITIES ACT).
- 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.
- 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.
- 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.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.
- 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.
- ALL DIMENSIONS ARE SHOWN TO FACE OF GYPSUM BOARD OF NEW CONSTRUCTION OR STRUCTURAL WALL, UNLESS NOTED OTHERWISE.
- ALL DRAWINGS, THOUGH NOTED TO SCALE ARE FOR ILLUSTRATION ONLY. THE CONTRACTOR SHALL NOT SCALE DRAWINGS.
- 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.
- 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.
- 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.
- ALL PENETRATIONS INTO SOUND OR FIRE RATED PARTITIONS, FLOORS OR CEILING ASSEMBLIES SHALL BE SEALED WITH APPROVED PERMANENT SEALANT. REFER TO IBC 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, CABINETS, ETC. SHALL BE SEALED, UNED, INSULATED OR OTHERWISE TREATED TO MAINTAIN THE INTEGRITY OF THE ASSEMBLY. SEE PENETRATION DETAILS.
- ABBREVIATIONS THROUGHOUT THE PLAN ARE THOSE IN COMMON USE. THE ARCHITECT SHALL DEFINE THE INTENT OF ANY IN QUESTION.
- THE CONTRACTOR SHALL VERIFY SIZES AND LOCATIONS OF WATER AND DRAIN INSTALLATIONS AND OTHER REQUIRED SERVICES WITH EQUIPMENT MANUFACTURERS.
- 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.
- ALL WOOD CARNTS, HALLERS, CURBS, ETC. THROUGHOUT JOB SHALL BE FIRE RETARDANT PRESSURE-TREATED, AS PER I.B.C. CURRENT VERSION. SEE RELEVANT DETAILS.
- CONTRACTOR SHALL REFER TO THE PROJECT MANUAL FOR A COMPLETE LIST OF GENERAL CONDITIONS, SPECIAL CONDITIONS AND OTHER NOTES.

GENERAL NOTES - INTERIOR ELEVATIONS

- PROVIDE LOCKS FOR CABINETS AS INDICATED ON THE CABINET LEGEND ON SHEET A505A AND IF INDICATED ON INTERIOR ELEVATIONS.
- IN ROOMS WHERE CABINETS ARE REQUIRED TO BE LOCKED, PROVIDE LOCKS OPERABLE WITH SINGLE KEY.
- FOR TYPICAL MOUNTING HEIGHTS, SEE SHEET G003. FOLLOW THE HEIGHT UNLESS NOTED OTHERWISE IN INTERIOR ELEVATIONS. VERIFY WITH ARCHITECT FOR ITEMS NOT INDICATED.
- CONTRACTOR SHALL VERIFY WITH OWNER FOR OWNER FURNISHED CONTRACTOR INSTALLED ITEMS AND PROVIDE BACKING IN WALL AS REQUIRED FOR INSTALLATION.
- INTERIOR ELEVATIONS OF CERTAIN ROOMS ARE NOT DRAWN AND ARE NOTED AS SIMILAR ELEVATIONS OF ROOMS THAT ARE INDICATED IN THE DRAWINGS.
- CONTRACTOR SHALL PROVIDE FILLER PANELS (PLASTIC LAMINATE WRAPPED OVER 5/8" PARTICLE BOARD) WHEREVER GAP OCCURS BETWEEN CABINETS AND WALL.
- SEE FINISH FLOOR PLANS AND FINISH SCHEDULE A603A FOR WALL, CABINET AND COUNTERTOP FINISHES.
- SEE SHEET A505A FOR CABINET LEGEND (TYPES B1, W1, T1, ETC.), UNLESS NOTED OTHERWISE. ALL THE CABINETS AND COUNTERTOPS IN EACH ROOM SHALL BE OF THE SAME FINISH (P1, P2, S1, ETC.) AS INDICATED ON THE INTERIOR ELEVATION OF EACH ROOM, WHERE MULTIPLE FINISHES ARE REQUIRED FOR CABINETS, WALLS, ETC. IN THE ROOM, EACH FINISH IS INDICATED SEPARATELY. CONTACT ARCHITECT FOR REQUIRED CLARIFICATIONS.
- 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 .
- AS INDICATED ON INTERIOR ELEVATIONS, WALL CABINETS AT CERTAIN LOCATIONS MAY REQUIRE A VERTICAL OR A SLOPED FASCIA PANEL.
- 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).
- FOR ALL CABINETS PROVIDE BACKING IN WALL AS PER DETAIL 3/A505B.



LEGEND - CODE COMPLIANCE PLAN				
SYMBOL	DESCRIPTION	FIRE RESISTANCE RATING	DOOR FIRE RATING	WINDOW 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	1/3 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

01.02 HORIZONTAL EXIT: 2 HR FIRE RATED.
DISTANCE OF 39'-9" BETWEEN POINTS C1 AND C2. THIS IS LESS THAN THE MAXIMUM ALLOWED DISTANCE OF 75'.

01.13 LINE INDICATES PROJECT AREA

01.31 LINE AND ARROW INDICATES "COMMON PATH OF TRAVEL" DIRECTION AND DISTANCE OF 39'-9" BETWEEN POINTS C1 AND C2. THIS IS LESS THAN THE MAXIMUM ALLOWED DISTANCE OF 75'.

01.51 LINE AND ARROW INDICATES "TRAVEL DISTANCE" OF 113'-0" BETWEEN POINTS T1 AND T2. THIS IS LESS THAN THE MAXIMUM ALLOWED DISTANCE OF 200'.

01.52 LINE AND ARROW INDICATES "TRAVEL DISTANCE" OF 169'-6" BETWEEN POINTS T3 AND T2. THIS IS LESS THAN THE MAXIMUM ALLOWED DISTANCE OF 200'.

01.53 LINE AND ARROW INDICATES "TRAVEL DISTANCE" OF 104'-7" BETWEEN POINTS T3 AND T4. THIS IS LESS THAN THE MAXIMUM ALLOWED DISTANCE OF 200'.

01.54 LINE AND ARROW INDICATES "TRAVEL DISTANCE" OF 59'-1" BETWEEN POINTS T3 AND T4. THIS IS LESS THAN THE MAXIMUM ALLOWED DISTANCE OF 200'.

CODE REVIEW

International Building Code (IBC) 2018
International Fire Code 2018
International Mechanical Code (IMC) 2018
International Plumbing Code 2018
National Electric Code 2020
NFPA - 101 Life Safety Code 2018
ANSI 117.1 2009

Main Hospital

Actual Stories: 15 (New Angio Lab #3 Level 1 of Building 5)
Project Square Feet (BGSF): 1100
Occupancy: I-2
Construction Type: I-A
Fireproofing: Yes
Highrise: Yes
Automatically Sprinkled: Yes
Structure: Unbonded Brace Frame

Allowable Area

For I-2 Occupancy & Type I-A Const.: Unlimited sq. ft. per floor (Table 503)
Area increase due to frontage: N/A
Total allowable area per floor: Unlimited sq. ft. (Table 503)

Project Remodel Area: 1328 sq. ft.

Allowable Stories

For I-2 Occupancy & Type I-A Const.: Unlimited Stories (Table 503)
Actual Stories: 13 above grade and 2 below grade

Common path of egress travel in exit access areas

For I-2 Occupancy - 75 feet (1014.3)

Exit access travel distance

For I-2 Occupancy - 200 feet (with sprinkler system) (Table 1016.1)

Corridor Width

For I-2 Occupancy - 96 inches in areas where required for bed movement (1018.2)

Construction Type - Type I-A

Fire resistance rating requirements for building elements (Table 601)

Structural frame - 3 Hours
Exterior Bearing walls - 3 Hours
Interior Non-Bearing walls - 0 Hours
Floor Construction - 2 Hours
Roof Construction - 1-1/2 Hours

Sprinkler System

Entire Building is fully equipped with automatic sprinkler system.

Incidental use areas

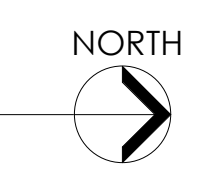
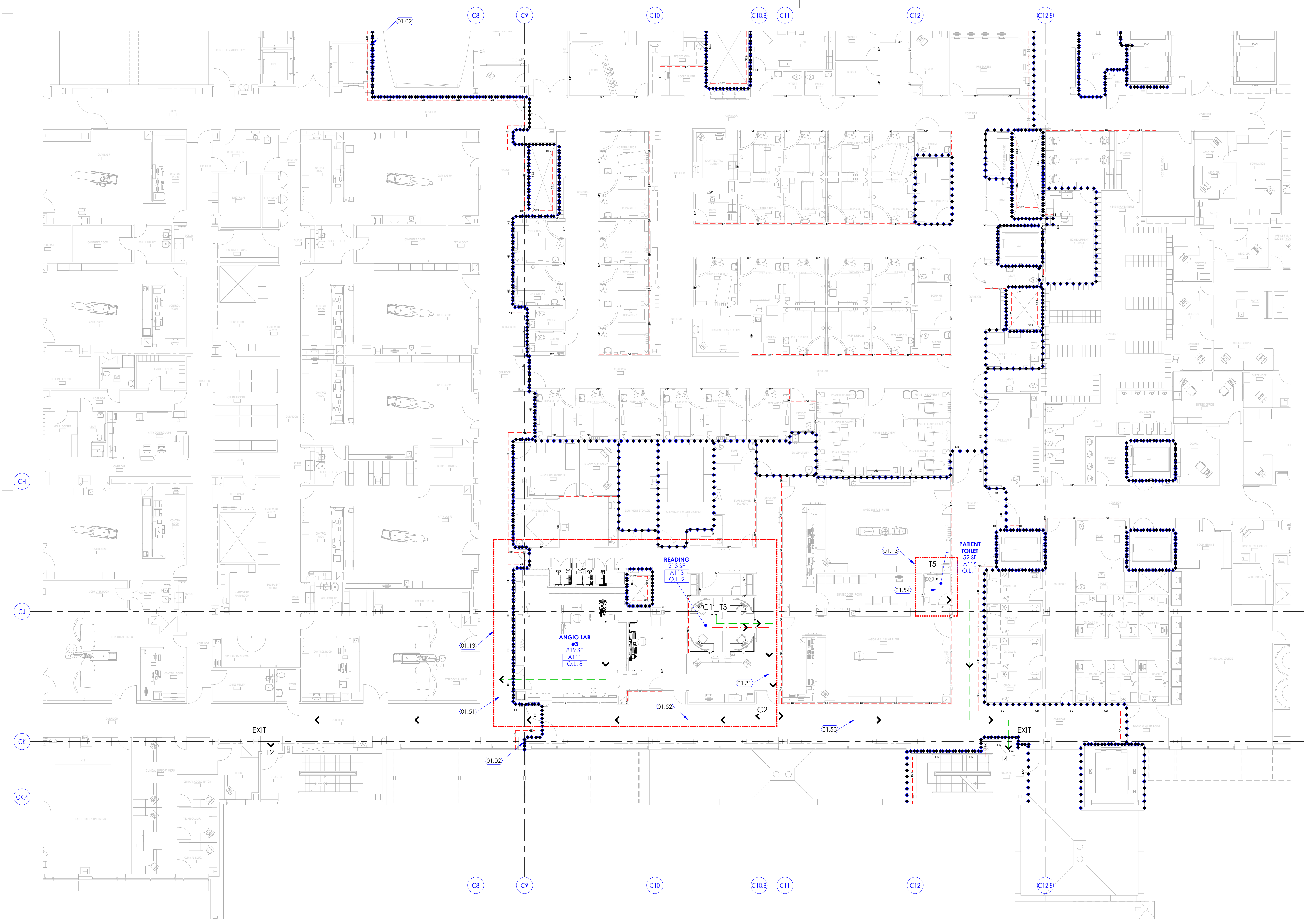
Waste & linen collection rooms located in I-2 occupancy - 1 hour (IBC Table 509)
Storage rooms larger than 100 sq.ft. and storing combustible material: 1 hour (NFPA 18.3.2.1)
Storage rooms larger than 50 sq.ft. and not exceeding 100 sq.ft.- provide door closer. (NFPA 18.3.3.11)

Occupant Load (Table 1004.1.1)

Inpatient treatment areas: 240 sq.ft. per person
Total Occupant Load = 5 occupants

Egress width calculation:

Required egress width per IBC sec. 1005.1 = occupant load x 0.3
5 x 0.3 = 1.5 inches
Egress width provided = 36 inches



Intermountain Health
Intermountain Medical Center
Angio Lab #3 Remodel Project

5121 South Cottonwood Street
Murray, UT 84107

NJRA Project # 22247.00
Construction Documents June 30, 2023

Code Compliance Plan Level 1 - Overall

G111

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1 Level 1 Code Compliance Plan
SCALE: 3/32" = 1'-0"

1. Design Criteria

- 1.1. Governing Building Code 2018 International Building Code (IBC)
A. Risk Category IV
1.2. Floor Live Loading
A. Intermountain Standard 80 psf Live Load + 20psf Partition Load
1.3. Earthquake
A. Seismic Design Category D
B. Seismic Response Acceleration S_{DS} = 0.991 g
C. Analysis Procedure Seismic Design for Nonstructural Components (ASCE 7 Chapter 13)

2. Structural Steel

- 2.1. Material:
A. Angle Shapes and Plates: ASTM A36 (Fy = 36 ksi), except as noted otherwise
B. Round HSS: ASTM A500, Grade C (Fy = 46 ksi)
C. Headed Stud Anchors (HSA): ASTM A108, with dimensions complying with AISC specifications
D. Anchor Rods: ASTM F1554, Grade 36, unless noted otherwise, with ASTM A563 heavy hex nuts and ASTM F436 hardened washers
2.2. Fabrication and construction shall comply with the following Codes and Standards:
A. American Institute of Steel Construction (AISC) 360-16, "Specification for Structural Steel Buildings"
B. AISC 303-16, "Code of Standard Practice for Steel Buildings and Bridges" excluding the following: Section 3.3 (last two sentences of first paragraph), Section 4.4, Section 4.4.1, Section 4.4.2, Section 4.5, and Section 7.13.3
1. The architectural drawings are the prime contract drawings. Consultants' drawings by other disciplines are supplementary to the architectural drawings. The structural drawings shall be used in conjunction with the architectural drawings. Detailing and shop drawing production for structural elements with welding requirements contained in architectural, structural, and/or other consultants' drawings. Refer to the Special Instructions section of the general notes, below.
C. American Welding Society (AWS) D1.1.2015, "Structural Welding Code - Steel" (specific items do not apply when they conflict with the AISC requirements)
2.3. Structural shapes and plates shall be fabricated from newly rolled (milled) one-piece sections without splices, unless specifically noted otherwise on the structural drawings. Connections for structural steel shall comply with the structural drawings, unless written approval is given by the Structural Engineer.
2.4. Welding
A. It is recommended the steel erection contractor and steel fabricator contact the Quality Assurance Agency prior to beginning any welds. A program of joint preparation and welding procedures should be worked out between the two parties before the welding is started so that correct welds will be made from the beginning.
B. Certification of Welders: All shop and field welding shall be executed by AWS certified welders who have been specifically certified for the process of welding being performed. The welder's certification will be considered as being current unless the welder is not engaged in the process of welding being performed for a period exceeding six months or there is a specific reason to question a welder's ability as required by AWS. Certification and records must comply with AWS Standards. Certification and appropriate records must be provided to the Architect prior to beginning work.
C. Electrodes: E-70 XX or as noted otherwise. E60 XX may be used for welding steel floor and roof decks.
D. Minimum Welds: All intersecting steel shapes that are not bolted shall be connected by a fillet weld all around. Fillet weld sizes that are not shown shall be 1/8" less than the thickness of the connected parts for thicknesses 1/4" and larger. Fillet welds on plates less than 1/4" shall be of the same size as the thinnest of the connected parts.
E. Bolts: Do not apply any welds, including "tack" welds to bolts, including anchor bolts, except as specifically detailed in the drawings.
F. Headed Stud Anchor (HSA) welding shall conform to the manufacturer's specifications. Welding shall comply with AWS D1.1 Section 7.6 through 7.9 and Annex G.
2.5. Bolted Connections:
A. Provide hardened washers beneath the turned element of all bolts or nuts. Provide hardened leveled washers to compensate for the lack of parallelism, where the outer face of the bolted parts has a slope greater than one in twenty with respect to the plane normal to the bolt axis. Hardened washers or plates installed over oversized holes or slotted holes shall be at least 5/16" thick and shall conform to ASTM F436. Plates or bars installed at slotted holes shall have a size sufficient to completely cover the slot after installation.
B. Bolts, nuts and washers shall not be reused.
2.6. Composite Beams
A. Use 3/4" diameter studs. Headed studs shall extend 1 1/2" minimum above the top of the steel deck after welding unless noted otherwise. Headed studs shall be applied through the metal deck to the top flange of the steel section or welded directly to the steel section.
B. The minimum centers to stud spacing of stud connectors shall be six (6) diameters along the longitudinal axis of the supporting composite beam and four (4) diameters transverse to the longitudinal axis of the supporting composite beam. The maximum center to center spacing shall not exceed 32".

3. Slotted Channel Framing (Strut)

- 3.1. Unistrut channels and connectors are used as the basis of design.
A. Other manufacturer's members and connectors must be submitted for review and approved by the Engineer prior to use, and shall clearly indicate all code reports, load capacities and engineering associated with their use. Follow all manufacturers' recommendations for the use of these products.
3.2. Materials and Finish:
A. Cold-formed to size from low carbon strip steel.
B. Manufactured from raw steel in accordance with:
1. 12 Gauge sections: ASTM A570 Grade 33 or ASTM A653 Grade 33
2. 14 Gauge sections: ASTM A570 Grade 33 or ASTM A653 Grade 33
3. 16 Gauge sections: ASTM A368 or ASTM A653 Grade 33
4. 19 Gauge sections: ASTM A368
C. Slotted Channel Fittings shall be:
1. Punch press made from hot rolled, pickled and oiled steel plates, strip or coil, and conform to ASTM A575, A576, A635, or A36.
2. Used with fitting steel meeting the physical requirement of ASTM A570 Grade 33.
3. Free from scale with a smooth surface
D. Screws shall conform to SAE J429 Grade 2 or ASTM A307.
E. Bolts shall conform to the following ASTM Standards:
a. 1/4" & 5/16" Diameter - A1011 SS Grade 33.
b. 3/8", 7/16" & 1/2" Diameter - A576 Grade 015 Modified
c. 5/8" & 3/4" Diameter - A36 or A675 Grade 60
2. 7/8" Diameter - A36 bolts shall be machined/manufactured to meet the Unified Screw Thread Standard, ANSI B1.1, coarse series (UNC) class 2.
F. Channel nuts shall be case hardened after machining, assuring positive biting action into the turned edge of slotted channel framing.
G. Epoxy Painted: Strut shall be made from steel meeting the minimum mechanical properties of ASTM A1011 SS Grade 33, then painted with water born epoxy applied by a cathodic electro-deposition process. Fittings shall be manufactured from steel meeting the minimum requirements of ASTM A907 SS, Grade 33. All fittings and hardware shall be zinc plated in accordance with ASTM B633 (SC3 for fittings, SC1 for threaded hardware).
H. Pre-galvanized Steel: Strut shall be made from steel meeting the minimum mechanical properties of ASTM A653 SS, Grade 33, and mill galvanized in accordance with coating designation G90. Fittings shall be manufactured from steel meeting the minimum requirements of ASTM A907 SS, Grade 33. All fittings and hardware shall be zinc plated in accordance with ASTM B633 (SC3 for fittings, SC1 for threaded hardware).
3.3. Fabrication and construction shall comply with the following Codes and Standards:
A. ASTM A123 - Specification for Zinc (Hot-Dip Galvanized) Coatings on Products Fabricated from Rolled, Pressed, and Forged Steel Shapes, Plates, Bars, and Strip.
B. ASTM A653 - General Requirements for Steel Sheet, Zinc-Coated Galvanized by the Hot-Dip Process.
C. ASTM A1011 - Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy and High-Strength Low-Alloy with Improved Formability (Formerly ASTM A570)
D. ASTM F1136 - Standard Specification for Chromium/Zinc Corrosion Protective Coatings for Fasteners
E. ASTM A907 - Standard Specification for Steel, Sheet and Strip, Heavy-Thickness Coils, Carbon, Hot-Rolled, Structural Quality
F. ASTM B633 - Specification for Electrodeposited Coatings of Zinc on Iron and Steel
G. MFMA - Metal Framing Manufacturers Association
H. AISI - American Iron and Steel Institute
3.4. Strut member shall be fabricated from new one-piece sections without splices, unless specifically noted otherwise on the structural drawings.
3.5. Existing strut members, connectors, and fasteners may not be re-used unless specifically noted on the structural drawings.
3.6. Connections
A. All nuts and bolts shall be tightened to the following values:
Bolt Size Required Torque (ft-lbs) Max Torque (ft-lbs)
1 4-20 6 7
5/16-18 11 15
3/8-16 19 25
1/2-13 50 70
5/8-11 100 125
3/4-10 125 135
B. All welds to slotted channel framing members and fittings shall conform to AWS D1.3, Structural Welding Code - Sheet Steel.
3.7. The contractor shall submit shop drawings with complete elevations and details defining framing member sizes, locations, and connection details for review. Shop drawings shall be submitted prior to fabrication.

4. Miscellaneous

- 4.1. Post-Installed Anchors in Concrete
A. Anchorage to hardened concrete shall be of the size, quantity, spacing, and embedment as shown on the drawings. Additional anchors shall not be used without approval from the Engineer prior to installation.

- B. Special inspection is required during the installation of all post-installed anchors. Refer to applicable code evaluation reports and the Quality Assurance and Statement of Special Inspections sections of the General Structural Notes.
C. Installation of adhesive anchors horizontally or upwardly inclined to support sustained tension loads shall be performed by personnel certified by an applicable certification program. Certification shall include written and performance tests in accordance with the ACI/CRS Adhesive Anchor Installer Certification program, or equivalent. Proof of current certification shall be submitted to the Engineer for approval prior to commencement of installation.
D. Anchors shall be installed according to the Manufacturer's Printed Installation Instructions and applicable code evaluation reports including:
1. Hole diameter, depth, and cleaning procedure
2. Preparation, and placement
3. Installation torque
E. Locate all existing reinforcement and embedded items prior to drilling into concrete elements. Do not damage rebar or embeds while drilling or installing anchors.
F. Grout all defects or abandoned holes with non-shrink grout or an injectable epoxy adhesive matching the surrounding concrete compressive strength. Consult the Architect for additional requirements at architecturally exposed concrete.
G. Holes for post-installed anchors may not be core drilled unless specifically allowed by the manufacturer's installation instructions and the code evaluation report.

5. Special Instructions

- 5.1. The project specifications are not superseded by the General Structural Notes but are intended to be complementary to them. Consult the specifications for additional requirements in each section. Notes and specific details on the drawings shall take precedence over General Structural Notes and typical details.
5.2. The architectural drawings are the prime contract drawings. Consultant drawings by other disciplines are supplementary to the architectural drawings. All omissions or conflicts, including dimensions, between the various elements of the consultants' drawings and/or specifications shall be brought to the attention of the Architect before proceeding with any work involved. In case of conflict, follow the most stringent requirement as directed by the Architect without additional cost to the Owner. Any work done by the Contractor after discovery of such discrepancy shall be done at the Contractor's risk.
5.3. The structural drawings shall be used in conjunction with the architectural drawings. Primary structural elements and overall structural layout are indicated within the structural plans and details. Some secondary elements, architectural layouts, alcoves, elevations, slopes, depressions, curbs, mechanical equipment and electrical equipment, are not indicated within the structural drawings. Detailing and shop drawing production for structural elements will require information (including dimensions) contained in the architectural, structural and/or other consultants' drawings.
5.4. Existing conditions
A. The contract structural drawings represent the reconfigured structure and do not indicate the method or means of construction. The Contractor shall supervise and direct the work and shall be solely responsible for all construction means, methods, procedures, techniques, and sequence.
B. The Contractor is responsible for being knowledgeable on information presented in available new or existing drawings and shall field verify all relevant information. Information available in existing drawings may be incomplete. Contractor shall familiarize themselves with information available in the existing and new drawings, and shall field verify all pertinent information.
C. Contractor shall field verify all existing conditions prior to performing any work, including but not limited to bidding and estimating, shoring, detailing, fabricating, manufacturing, erecting, or installing any given structural element indicated in the contract drawings.
D. Information on existing conditions provided in the contract drawings are based on information gathered from existing drawings and during limited site observations. If conditions shown do not match existing conditions contact the Architect/Engineer prior to performing any work. Do not proceed until instructions in writing are provided by the Architect/Engineer.
E. Dimensional information provided in the contract drawings on existing conditions are for general information and reference purposes only, and shall not be used for detailing and construction.
F. Contractor shall provide dust, odor, and noise protection, and safety measures as necessary to protect the existing structure, vehicles, building interior, building patrons and other persons for the duration of demolition and construction operations.
G. Contractor shall refer to existing drawings of the existing facility to verify:
a. Structural member sizes and locations, slab thickness
b. Location of previous additions, alterations, or repairs performed at the facility
c. Location of expansion joint systems
d. Location of interior architectural items
H. Demolition at existing conditions
1. Demolition, cutting, drilling, etc. work shall be performed as to not damage existing structure that is to remain and shall not jeopardize the structural integrity of the existing building. If any architectural, structural, or MEP members not designated for removal interfere with the new work, the Owner, Architect, and Engineer shall be notified immediately and approval obtained prior to their removal.
2. Contractor shall coordinate location, number and sizes of openings through existing roofs, and walls for air shafts, ducts, piping, and/or conduit with the Architectural, Mechanical, Electrical, Plumbing, and Fire Protection drawings and the respective subcontractors.
3. Contractor shall repair all damage caused during construction or demolition. All damage shall be repaired and restored with similar materials and workmanship to levels acceptable to the Owner.
I. Contractor shall safely shore existing construction to allow the installation of new work. Selected demolition sequencing and shoring methods used shall be the responsibility of the Contractor and their Engineer.

- 5.5. Submittals: A copy of all shop drawings that have been submitted for review must be kept at the construction site for reference. These drawings must bear the appropriate review stamps. The shop drawing review shall not relieve the Contractor of the responsibility of completing the project according to the contract documents. The General Contractor shall review and mark all shop drawings prior to submitting them to the Architect for review. Shop Drawings made from reproductions of (these) contract drawings will be rejected.
5.6. Project Coordination: It shall be the responsibility of the General Contractor to coordinate with all trades any and all items that are to be integrated into the structural system. Openings or penetrations through, or attachments to the structural system that are not indicated on these drawings shall be the responsibility of the General Contractor and shall be coordinated with the Architect/Engineers. The order of construction is the responsibility of the General Contractor. It is the Contractor's obligation to provide all items necessary for the chosen procedure.
5.7. Contractor shall field verify all dimensions, and conditions. If the contract drawings do not represent actual conditions, Contractor shall notify Architect/Engineer prior to fabrication or construction within that area.
5.8. Notice of Copyright: The structural drawings, plans, schedules, notes and details are hereby copyrighted by Reveley Engineers. Submission or distribution of documents to meet official regulatory requirements or for similar purposes in connection with the project is not to be construed as publication in derogation of Reveley Engineers' reserved rights. The documents defining the structure are instruments of service prepared by Reveley Engineers for one use only. Furthermore, these documents shall not be reproduced, or copied, in whole or in part by the Contractor or subcontractors for preparation of shop drawings or other submittals.

6. Quality Assurance

- 6.1. Quality Assurance Agency Requirements:
A. The Owner shall engage a qualified Quality Assurance Agency (QAA) to provide all special inspection and quality assurance testing for the project. The QAA shall provide all information necessary for the building official to determine that the agency meets the applicable requirements.
1. The QAA shall be objective, competent and independent from the Contractor responsible for the work being inspected. The agency shall disclose to the building official and the registered design professional in responsible charge possible conflicts of interest so that objectivity can be confirmed.
2. The QAA shall have adequate equipment to perform required tests. The equipment shall be periodically calibrated.
3. The QAA shall employ experienced personnel educated in conducting, supervising and evaluating tests and special inspections. Experience or training shall be considered relevant where the documented experience or training is related in complexity to the same type of special inspection or testing activities for projects of similar complexity and material qualities.
4. The QAA shall send copies of all inspection and testing reports to the building official, Owner, Architect, Engineer and Contractor. Reports shall indicate that the work inspected was or was not completed in conformance to the approved construction documents. Discrepancies shall be brought to the immediate attention of the Contractor for correction. If they are not corrected, the discrepancies shall be brought to the attention of the Architect and Engineer.
5. The QAA shall submit a final report documenting required special inspections and tests, and correction of any discrepancies noted in the inspections or tests. The final report shall be distributed to the building official, Owner, Architect and Engineer in a timely manner prior to the completion of the project.
6.2. Contractor Responsibilities:
A. The Contractor shall submit a written statement of responsibility to the building official and the Owner or the owner's authorized agent prior to the commencement of work on the systems or components listed in the statement of special inspections. The Contractor's statement of responsibility shall contain acknowledgment or awareness of the special requirements contained in the statement of special inspections.
B. Notification of QAA: The Contractor shall notify the QAA in a timely manner so that inspection and testing may be performed as outlined in the statement of special inspections.
6.3. Structural Observations by the Engineer of Record.
A. The Engineer of Record will perform a structural observation at a critical phase of the project. Copies of the Engineer's report will be distributed to the Architect, Contractor, Owner, and QAA.
B. The contractor shall notify the Structural Engineer at least 24 hours in advance before completing the structural framing.
C. Observation visits to the site by the Engineer's field representatives shall not be construed as inspection or approval of construction.

7. Statement of Special Inspections

- 7.1. The following materials, systems and components require special inspection or testing per Chapter 17 of the International Building Code (IBC).
7.2. For items requiring continuous inspection, a special inspector must be present onsite during the performance of that task. In most cases, periodic inspections/tests shall be performed prior to commencing the task, intermittently during the task, and at the completion of the task. Frequency marked with (E) designates periodic inspections that must be performed prior to or upon completion of every task.

Structural Steel per IBC Section 1705.2.1, 1705.12.1 & 1705.13.1

Table with 3 columns: Item, Frequency, Detailed Instructions. Rows include Welder qualification records, Verify welding procedures (WPS) and consumable certificates, Material identification, Welder identification, Fit-up groove welds, Access holes, Fit-up of fillet welds, etc.

Concrete Construction per IBC Sections 1705.3 & 1705.12

Table with 3 columns: Item, Frequency, Detailed Instructions. Rows include Post-installed mechanical anchors, Demolition, cutting, drilling, etc. work shall be performed as to not damage existing structure, etc.

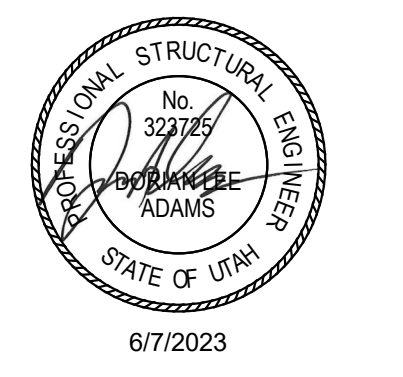
PLAN LEGEND table showing symbols for interior walls, existing steel column-tube, wide flange, joist or purlin, slotted channel framing diagonal brace, and slotted channel column.

ABBREVIATIONS table mapping symbols to terms like AT, ANCHOR BOLT(S), ABOVE, ALTERNATE, APPROXIMATE, ARCHITECT(URAL), BUILDING, BELOW, BETWEEN, COMPLETE JOINT PENETRATION, COLUMN, CONCRETE, CONSTRUCTION, CONTINUOUS, CONTRACTOR, CENTER, DECK BEARING, DIAMETER OF REINFORCING BAR, DEFORMED BAR ANCHORS, DOUBLE, DETAIL, DIAMETER, DIAGONAL, DIMENSION, DECK, DOWN, DRAWING, DOWEL, EACH FACE, EXPANSION JOINT (SEISMIC SEPARATION JOINT), EACH WAY, EACH, ENGINEER, ENGINEER OF RECORD, EQUAL, EQUIPMENT, EXISTING, FIELD VERIFY, GAUGE, GALVANIZED, GLULAMINATED BEAM, GRADE, GENERAL STRUCTURAL NOTES, HORIZONTAL, INTERNATIONAL BUILDING CODE, INTERNATIONAL CODE COUNCIL, KIPS - 1,000 POUNDS, KIPS PER LINEAL FOOT, KIPS PER SQUARE FOOT, KIPS PER SQUARE INCH, POUNDS, SEE CONCRETE REINFORCING BAR DEVELOPMENT AND LAP LENGTH SCHEDULE, MAXIMUM, MECHANICAL, MANUFACTURER, MINIMUM, MISCELLANEOUS, NOT TO SCALE, ON CENTER, OPPOSITE, POUNDS/CUBIC FOOT, PARTIAL JOINT PENETRATION, POUNDS/SQ FOOT, POUNDS/SQ INCH, REQUIRED, SELF-DRILLING SCREWS, SHEET, SPECIAL INSPECTION (SP, INSP), SIMILAR, STEEL, STRUCTURAL, TYPICAL, UNLESS NOTED OTHERWISE, VERTICAL, WORK POINT, WITH, WELDED WIRE FABRIC.

STRUCTURAL DRAWING LIST table with columns SHT NO. and SHT NAME. Rows include S001 GENERAL STRUCTURAL NOTES, S101 PARTIAL FRAMING PLANS, S501 STRUCTURAL DETAILS, S502 STRUCTURAL DETAILS.



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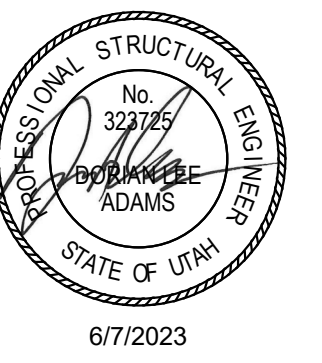


Intermountain Health
Intermountain Medical Center
Angio Lab #3 Remodel Project
5121 South Cottonwood Street
Murray, UT 84107

NJRA Project # 22247.00
Construction Documents June 7, 2023

GENERAL
STRUCTURAL
NOTES

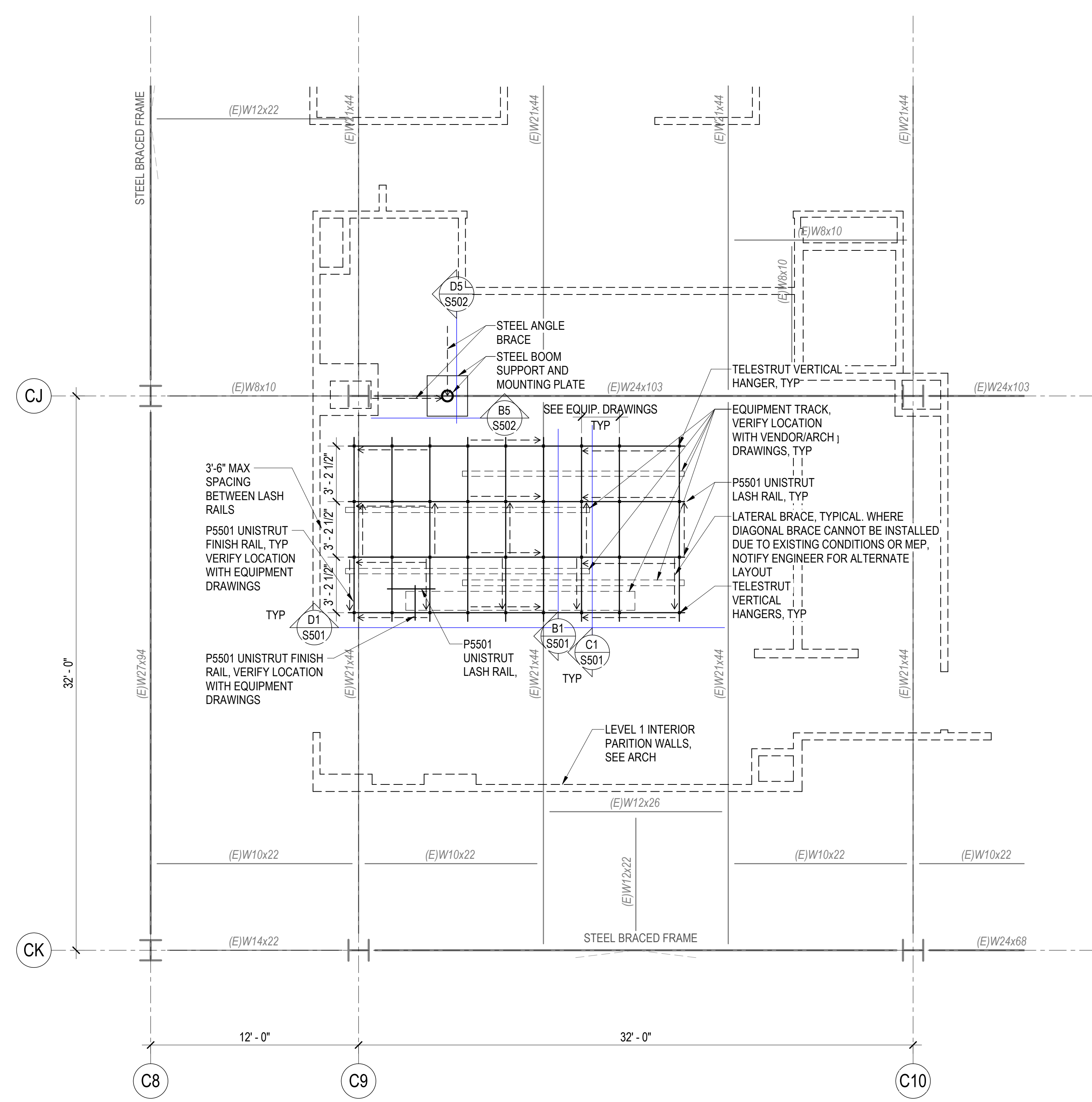
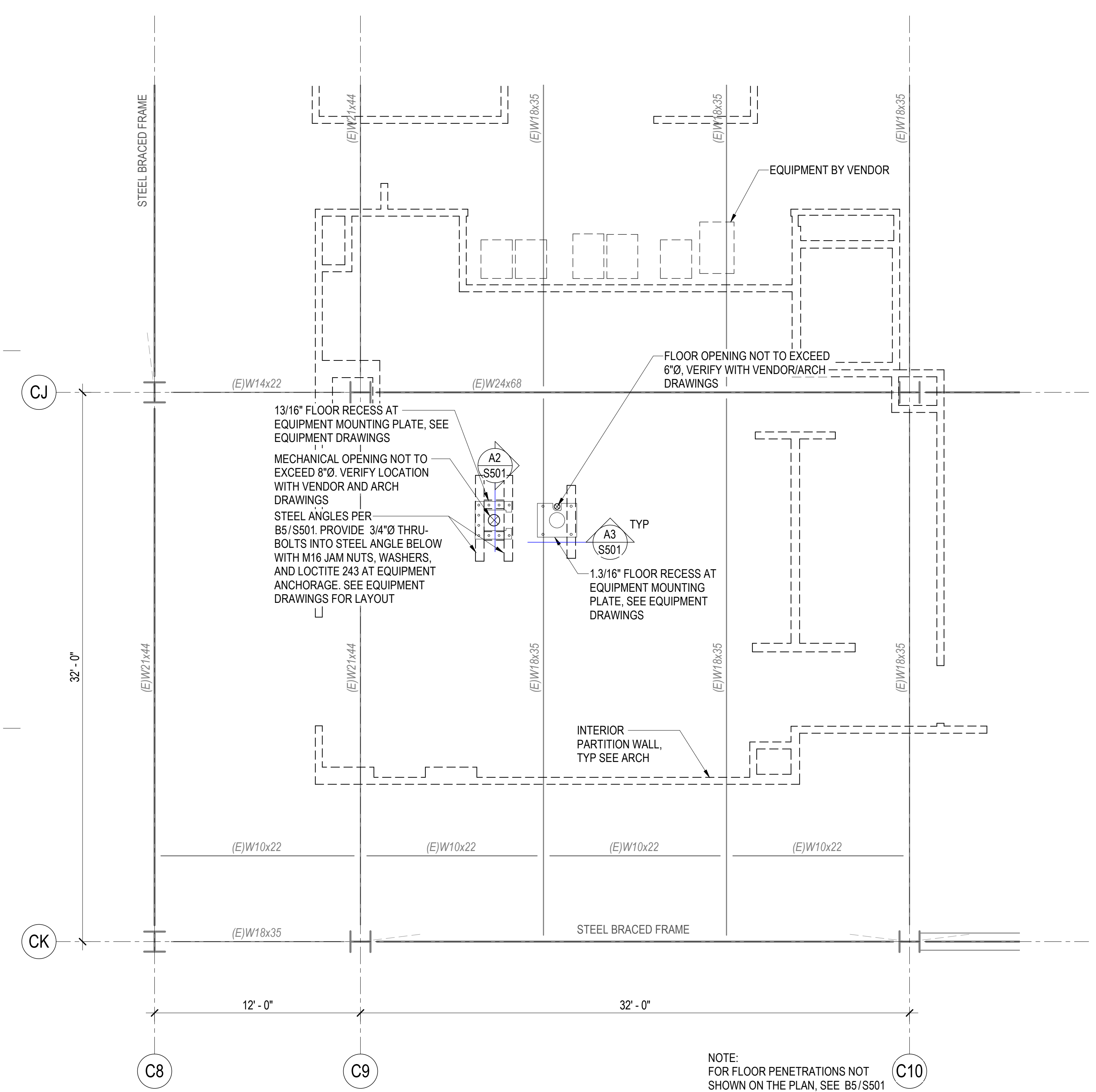
S001



- EXISTING BUILDING NOTES**
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO DETAILING, FABRICATING, ERECTING OR INSTALLING ANY STRUCTURAL ELEMENT. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM IN A TIMELY MANNER SUCH THAT WORK WILL NOT BE DELAYED.
 2. THE CONTRACTOR SHALL PROVIDE ADEQUATE SHORING OF NEW STRUCTURE DURING CONSTRUCTION.
 3. REPAIR FIREPROOFING WHERE DAMAGED DURING CONSTRUCTION.
 4. FILL EXISTING EQUIPMENT HOLES IN FLOOR PER A1/SS01 U.N.O.

- TYPICAL NOTES AT NEW RECESSES**
1. EXISTING COMPOSITE STEEL BEAMS W/ 5" LONG HEADED STUD ANCHORS OCCUR UNDER NEW RECESSES. MINIMUM COVER OVER EXISTING HEADED STUDS IS 1/2". TOTAL SLAB THICKNESS IS 7.1/2" THEREFOR RECESS SHALL NOT EXCEED 2". USE GROUND PENETRATING RADAR TO LOCATE EXISTING STUD ANCHORS. SEE DETAIL A5/SS01.
 2. PROTECT CONCRETE OVER METAL DECK FROM DAMAGE DURING INSTALLATION OF RECESSES. CONCRETE AND METAL DECK ACT COMPOSITELY. SEVERE DAMAGE TO THE BOND BETWEEN THE CONCRETE AND METAL DECK WILL OCCUR IF EXCESSIVE VIBRATION OR IMPACT IS USED. DO NOT USE CHIPPING HAMMERS OR OTHER TOOLS THAT COULD CAUSE THE CONCRETE TO CRACK THROUGH OR DAMAGE THE BOND BETWEEN THE CONCRETE AND METAL DECK.
 3. DO NOT OVER CUT RECESSES.

- MEDICAL EQUIPMENT SUPPORT**
1. VERIFY EQUIPMENT SUPPORT DIMENSIONS WITH EQUIPMENT DRAWINGS AND ARCHITECTURAL PRIOR TO FABRICATION.
 2. DESIGN FOR UNISTRUT SUPPORTS AND FLOOR MOUNTED EQUIPMENT IS BASED OFF OF PHILIPS AZURION 7 B2012, B2015 - SWIVEL - CATALYST DRAWINGS FOR INTERMOUNTAIN MEDICAL CENTER DATED 4/5/2023.
 3. DESIGN FOR BOOM SUPPORT IS BASED OFF OF STERIS HARMONYAIR ADJUSTABLE ARM, MOTOR SUPPLY HEAD-ANESTHESIA DRAWINGS DATED 5/24/2023.



C1 S101 LEVEL 1 PARTIAL FRAMING PLAN
SCALE: 1/4" = 1'-0"

C3 S101 LEVEL 2 PARTIAL FRAMING PLAN (LEVEL 1 CEILING EQUIPMENT SUPPORT)
SCALE: 1/4" = 1'-0"

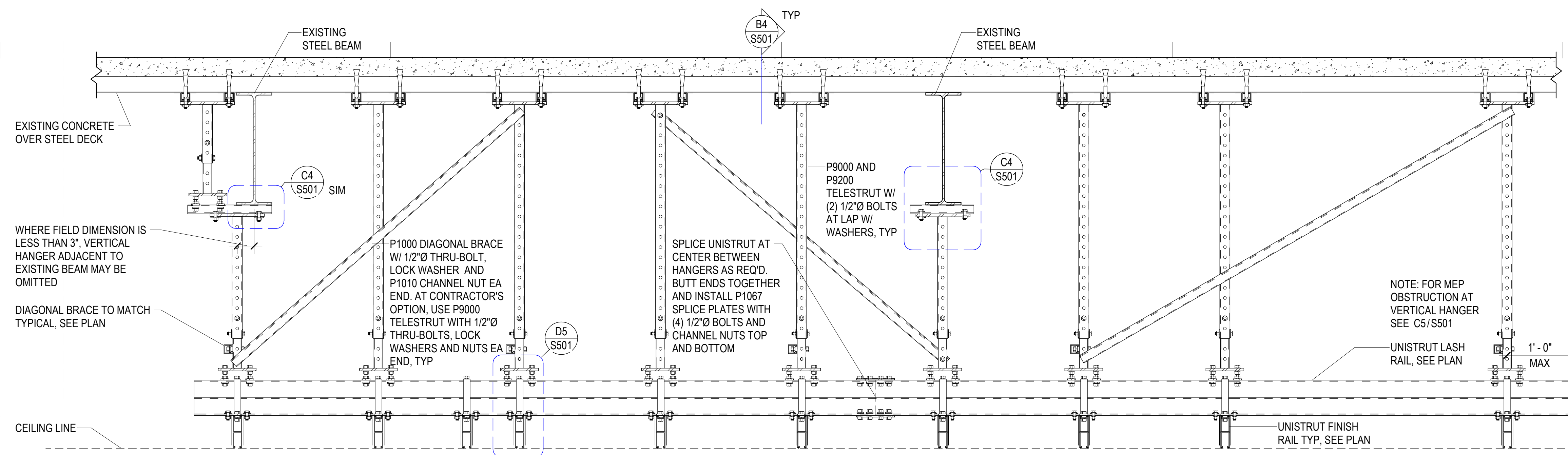
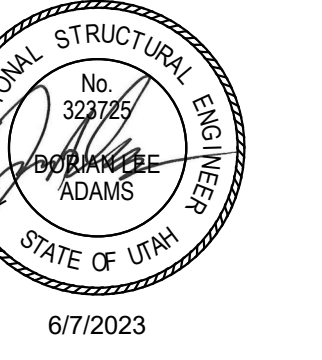
Intermountain Health
Intermountain Medical Center
Angio Lab #3 Remodel Project

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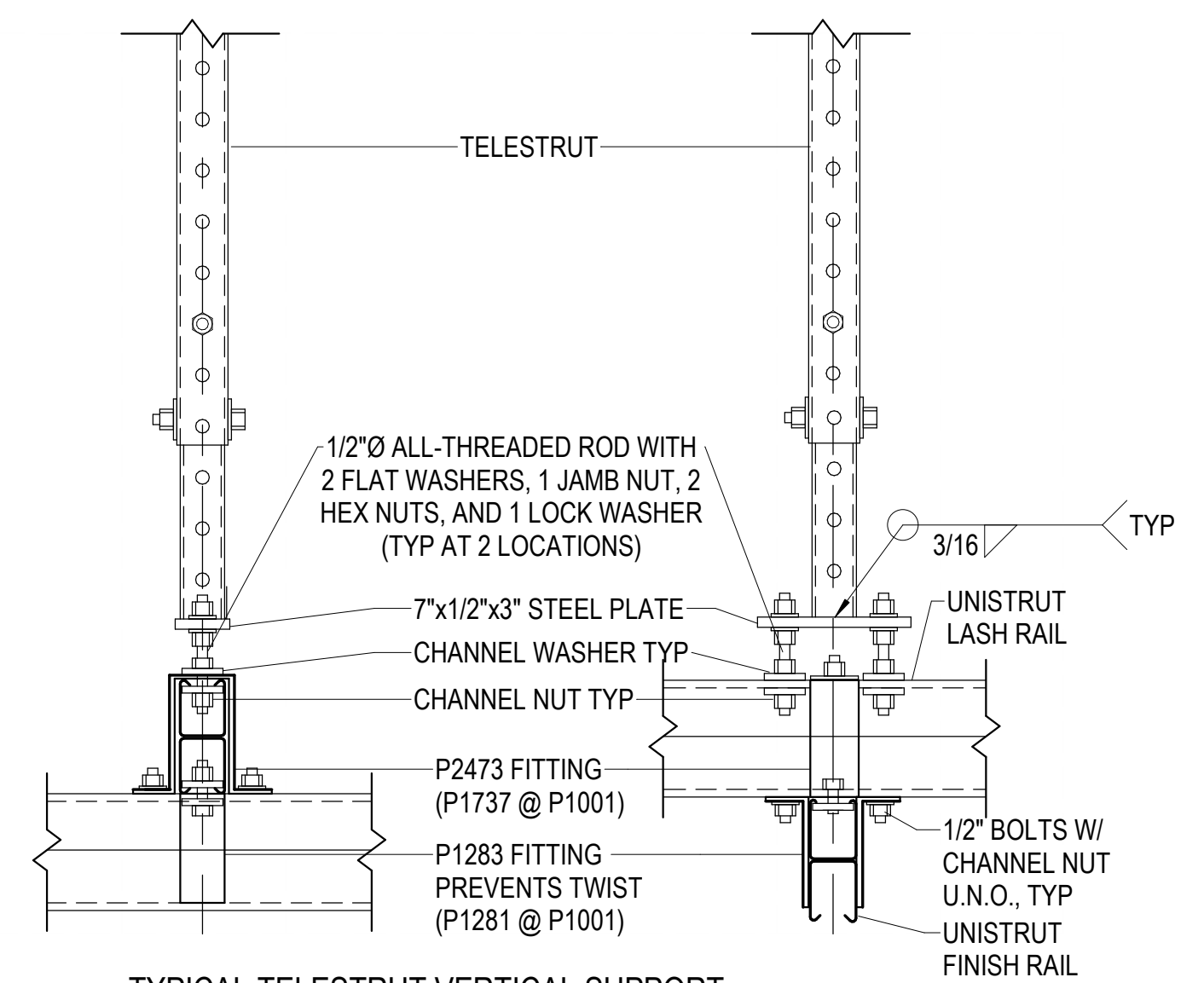
NJRA Project # 22247.00
Construction Documents June 7, 2023

PARTIAL
FRAMING
PLANS

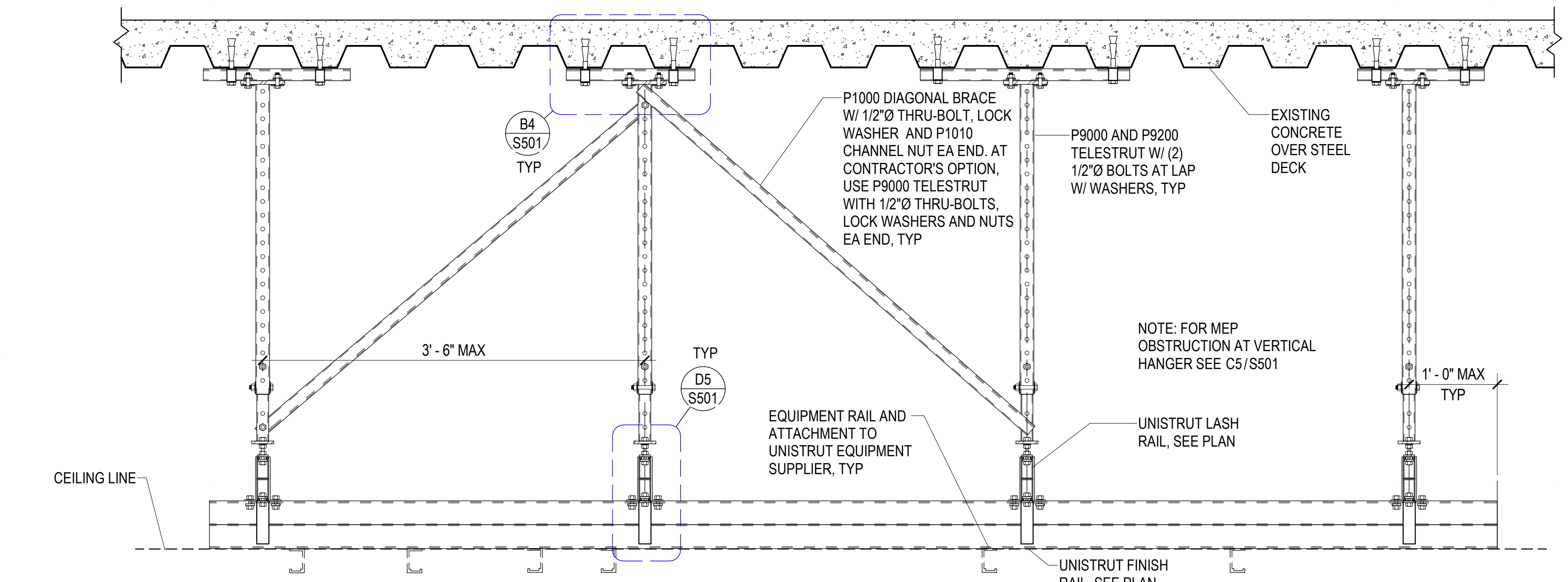
S101



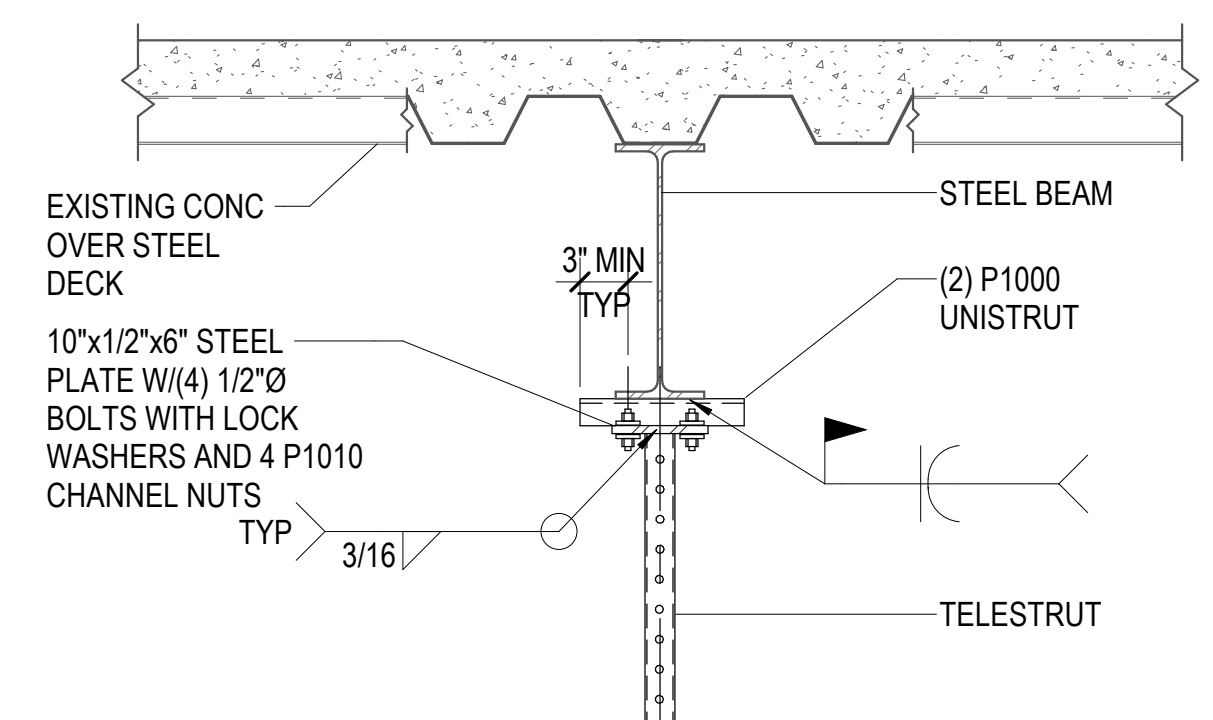
D1 MEDICAL EQUIPMENT SUPPORT DETAIL
S501 NO SCALE



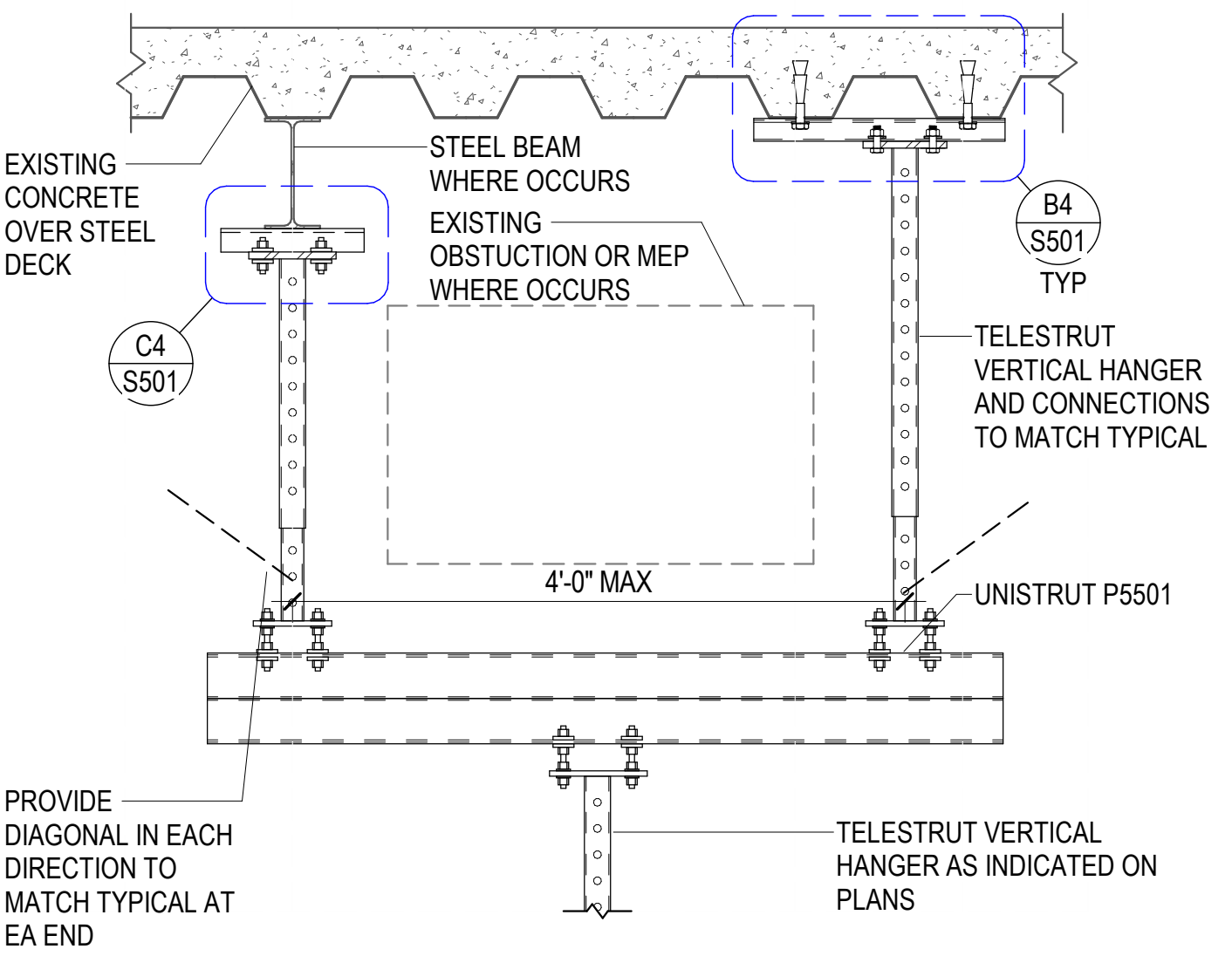
D5 TYPICAL TELESTRUT VERTICAL SUPPORT CONFIGURATION
S501 NO SCALE



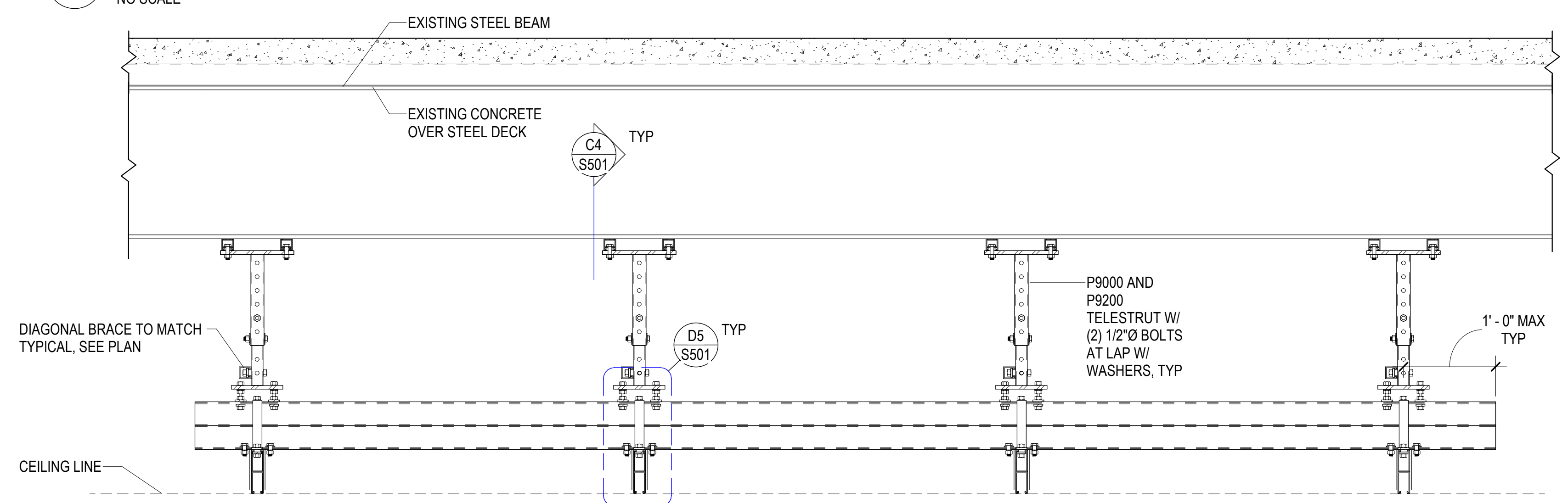
C1 MEDICAL EQUIPMENT SUPPORT DETAIL
S501 NO SCALE



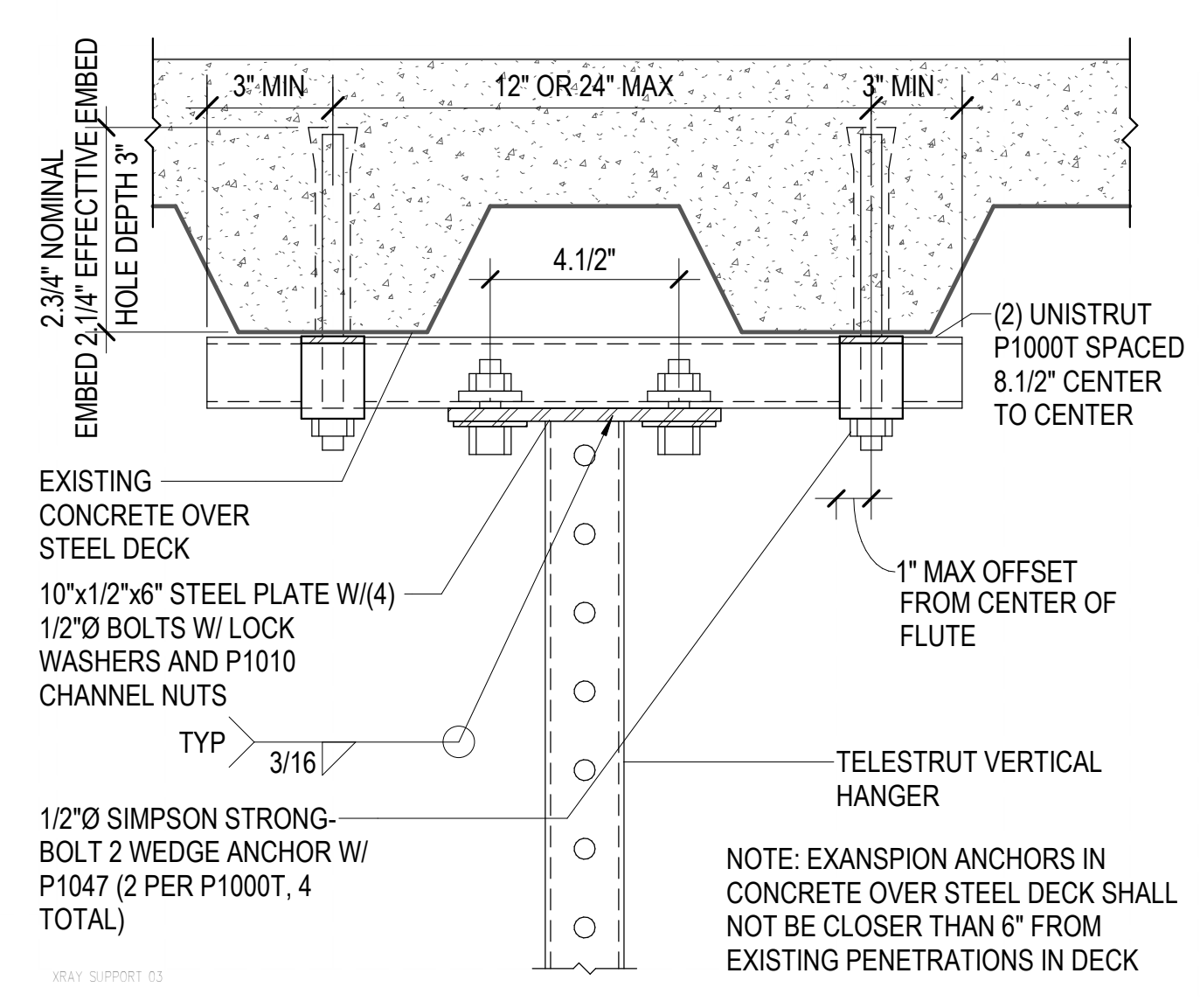
C4 UNISTRUT TO BEAM CONNECTION
S501 NO SCALE



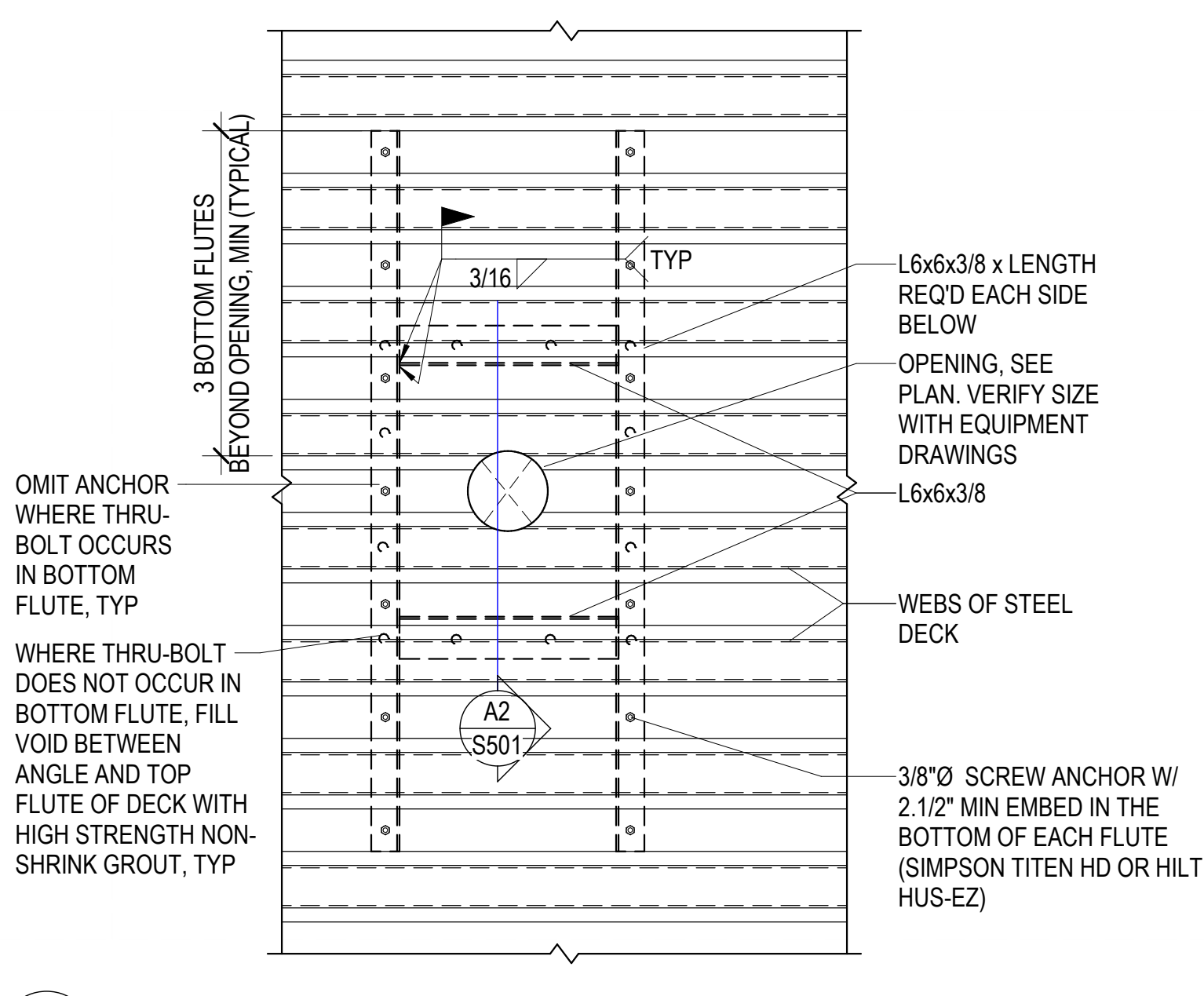
C5 ALTERNATE FRAMING FOR MEP OBSTRUCTION BYPASS
S501 NO SCALE



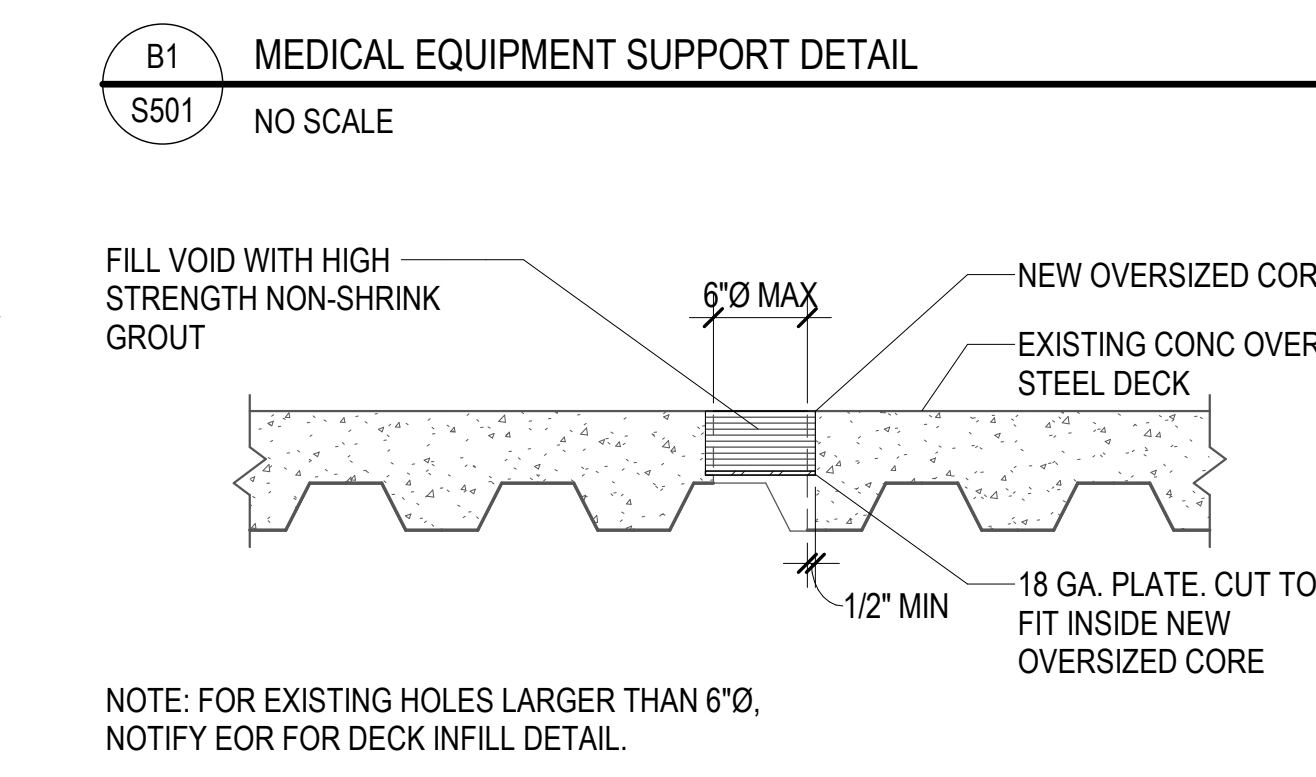
B1 MEDICAL EQUIPMENT SUPPORT DETAIL
S501 NO SCALE



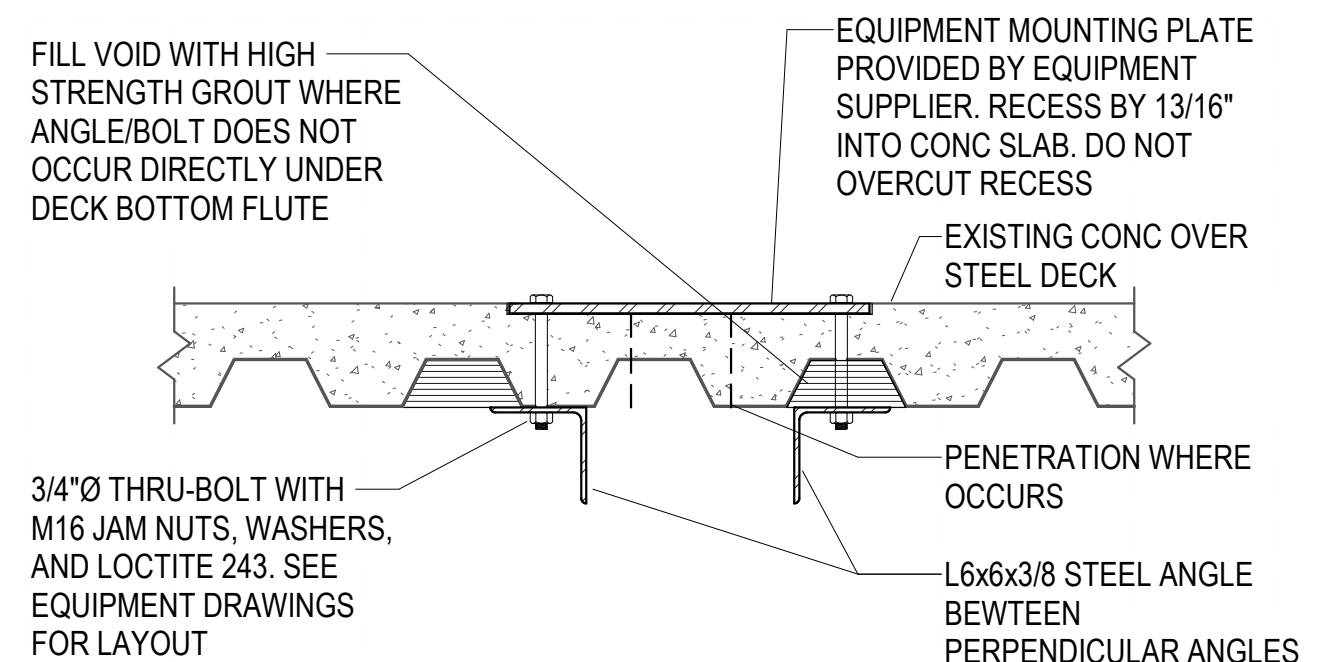
B4 UNISTRUT CONNECTION DETAIL
S501 NO SCALE



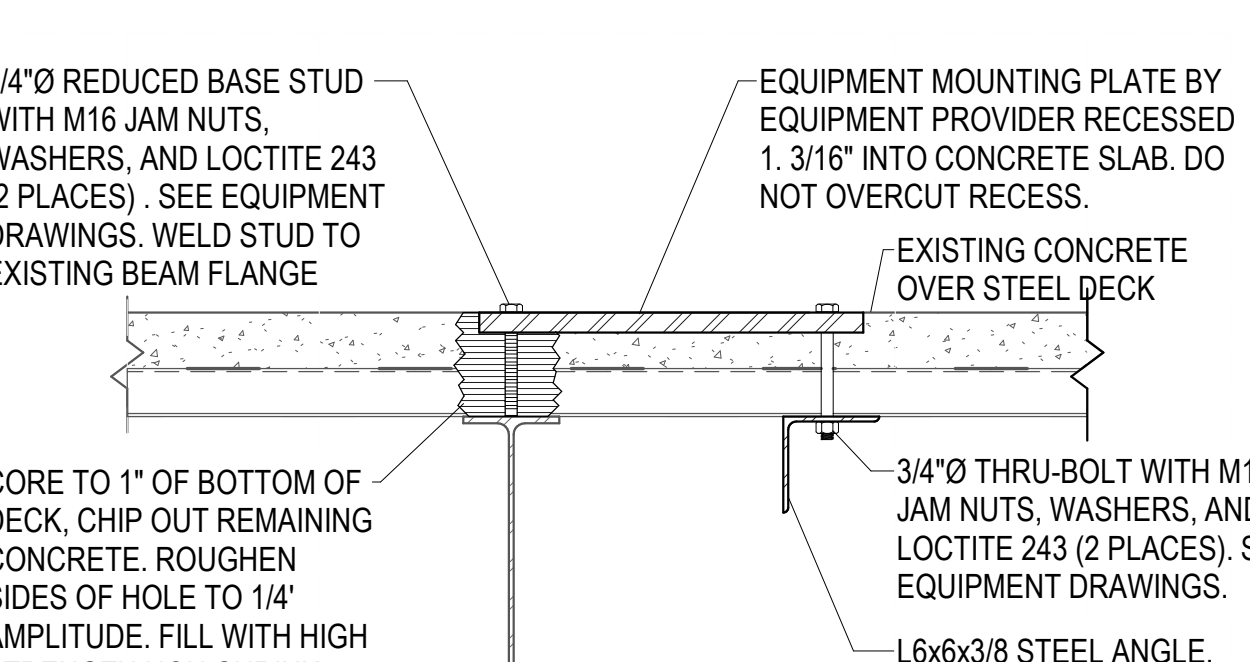
B5 FLOOR OPENING BELOW EQUIPMENT MOUNTING PLATE (PLAN VIEW)
S501 NO SCALE



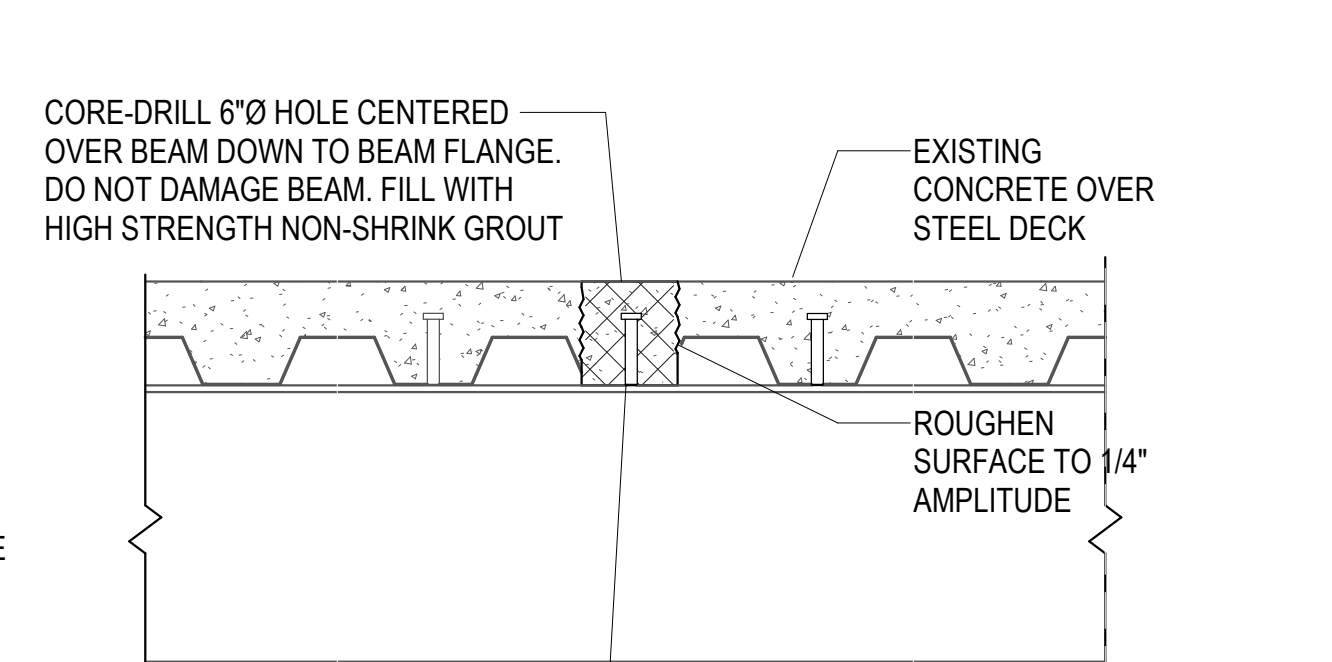
A1 TYPICAL EXISTING FLOOR HOLE INFILL DETAIL
S501 NO SCALE



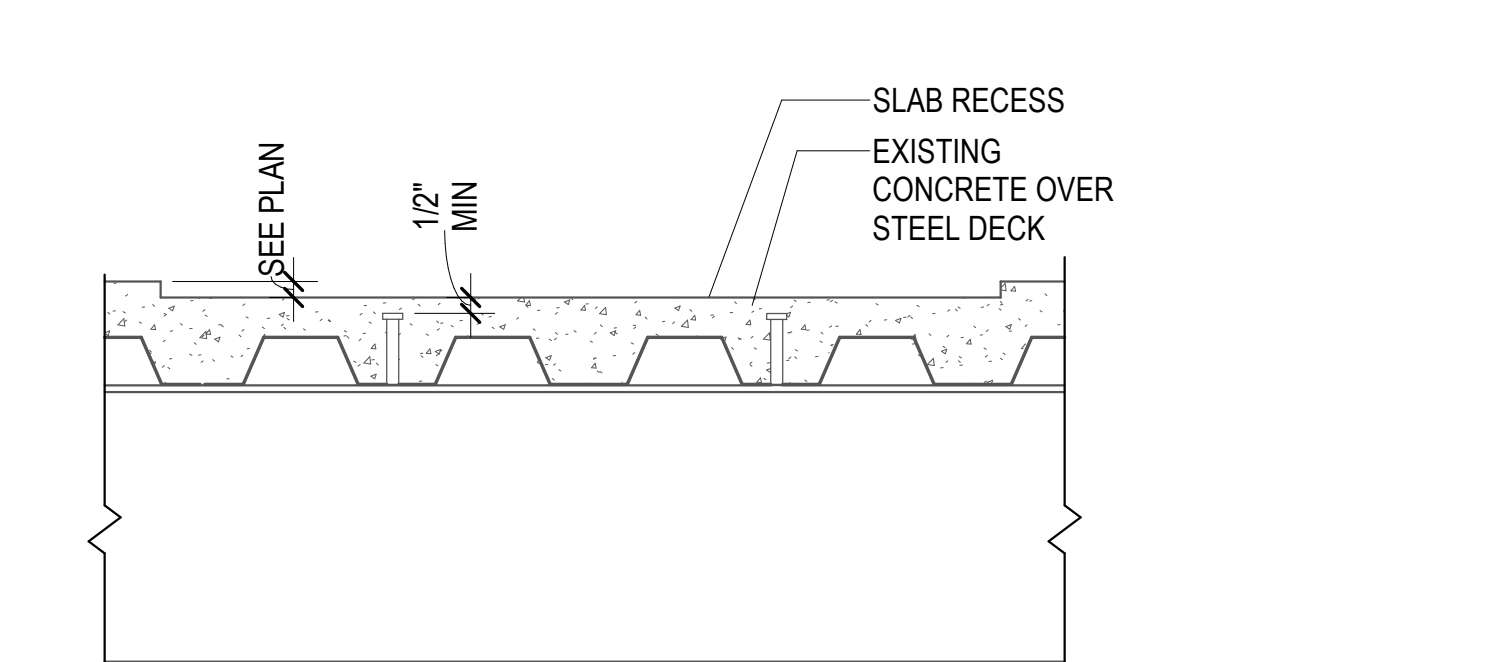
A2 EQUIPMENT MOUNTING BASE ANCHORAGE
S501 NO SCALE



A3 TABLE BASE ANCHORAGE AT EXISTING BEAM
S501 NO SCALE



A4 NEW HEADED STUD ANCHOR AT EXISTING BEAM
S501 NO SCALE



A5 TYPICAL RECESS AT EXISTING BEAM
S501 NO SCALE

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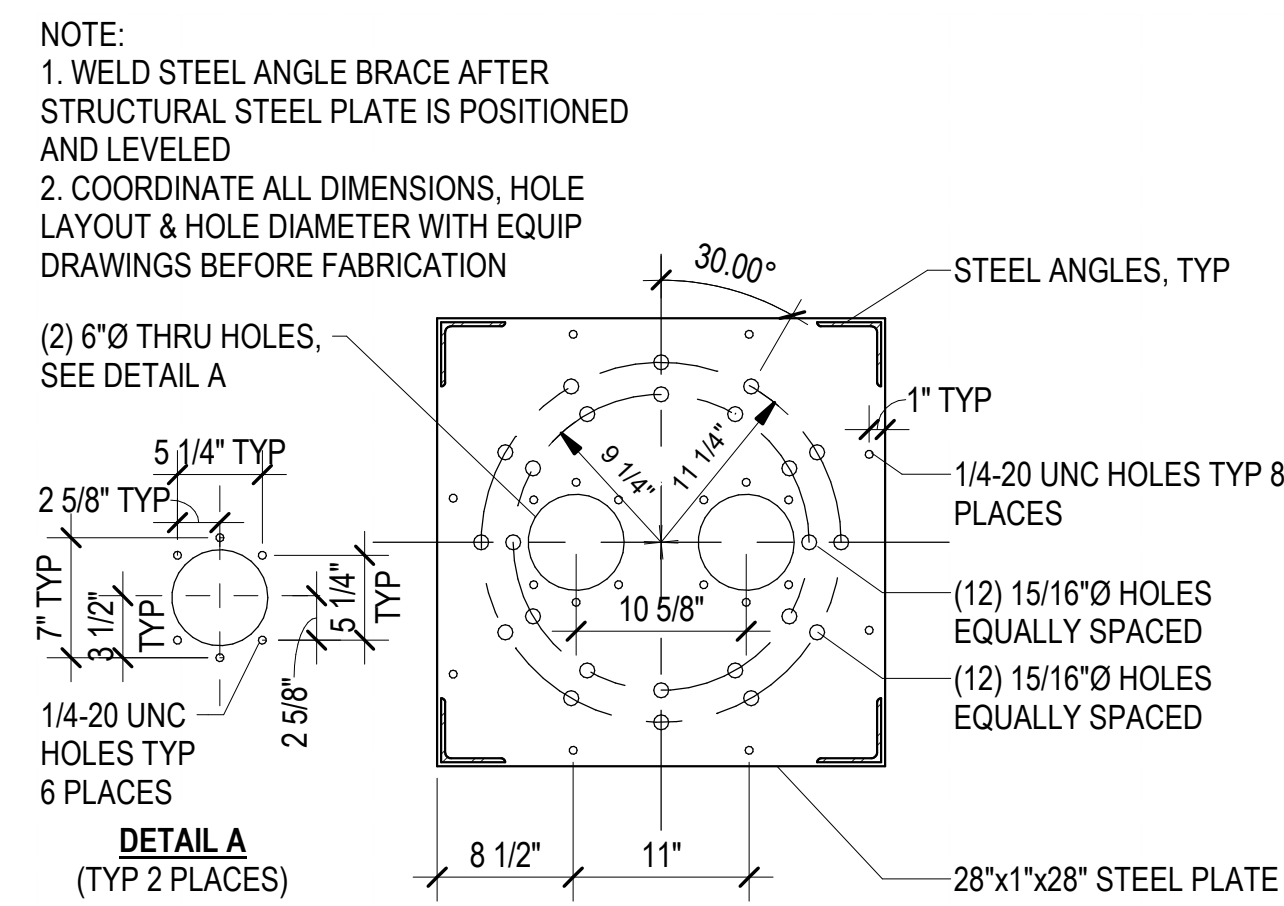
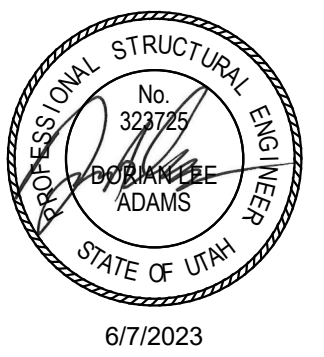
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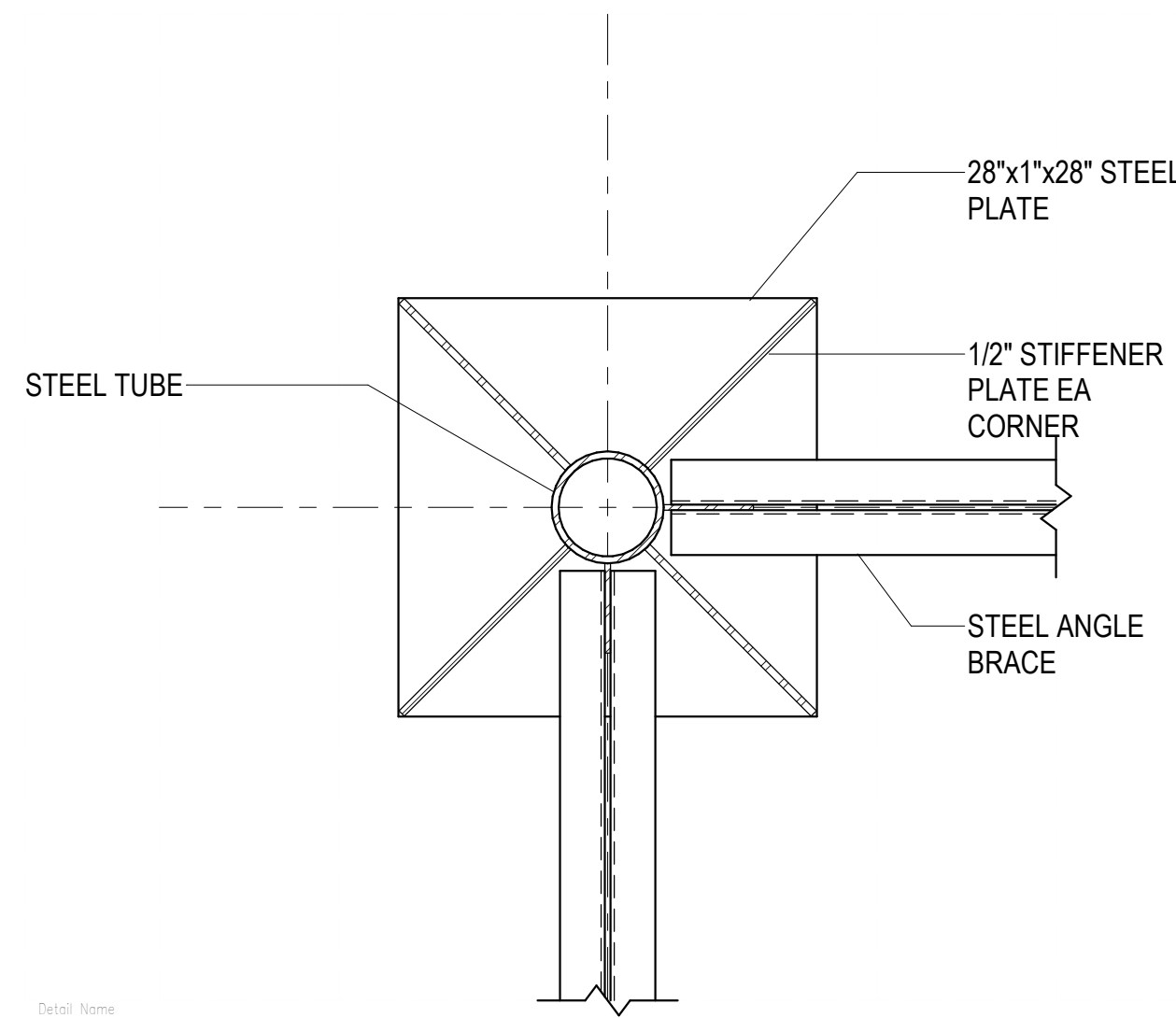
STRUCTURAL
DETAILS

S501

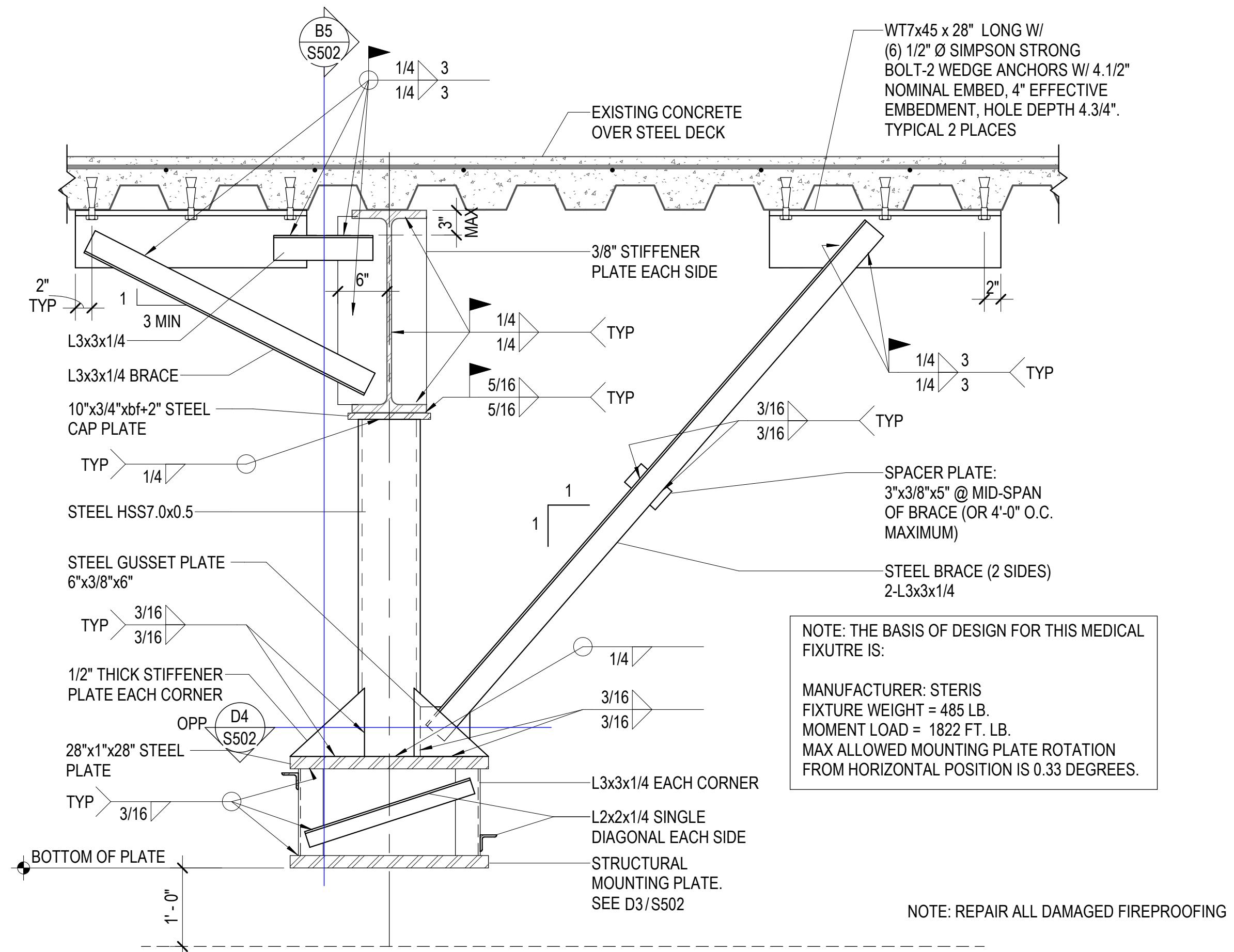
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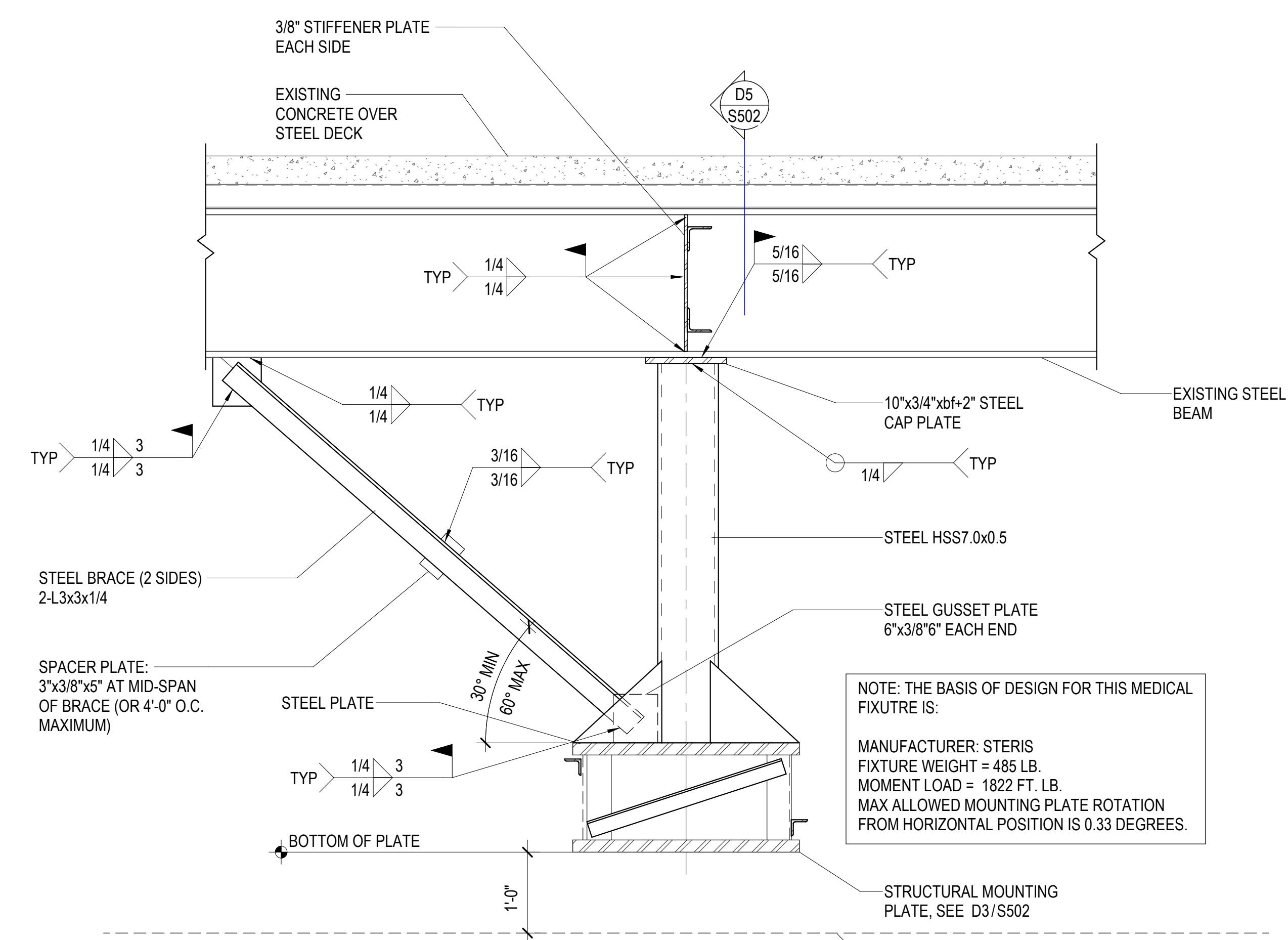
D3
S502
STERIS STRUCTURAL TANDEM MOUNTING PLATE - PLAN VIEW
NO SCALE



D4
S502
STERIS EQUIPMENT MOUNTING PLAN VIEW
NO SCALE



D5
S502
TYPICAL STERIS BOOM SUPPORT DETAIL
NO SCALE



D5
S502
TYPICAL STERIS BOOM SUPPORT DETAIL
NO SCALE

MEDICAL EQUIPMENT SUPPORT DETAIL NOTES

1. VERIFY ALL DIMENSIONS WITH EQUIPMENT DRAWINGS AND ARCHITECTURAL.
2. FIELD VERIFY LOCATIONS OF EXISTING STEEL FRAMING PRIOR TO FABRICATING BOOM SUPPORT STEEL.
3. COORDINATE BOOM AND STEEL BRACE LOCATIONS WITH MECHANICAL AND ELECTRICAL.
4. ALL EXPANSION ANCHORS SHALL BE SPECIAL INSPECTED AND TESTED PER THE GENERAL STRUCTURAL NOTES AND PROJECT SPECIFICATIONS.

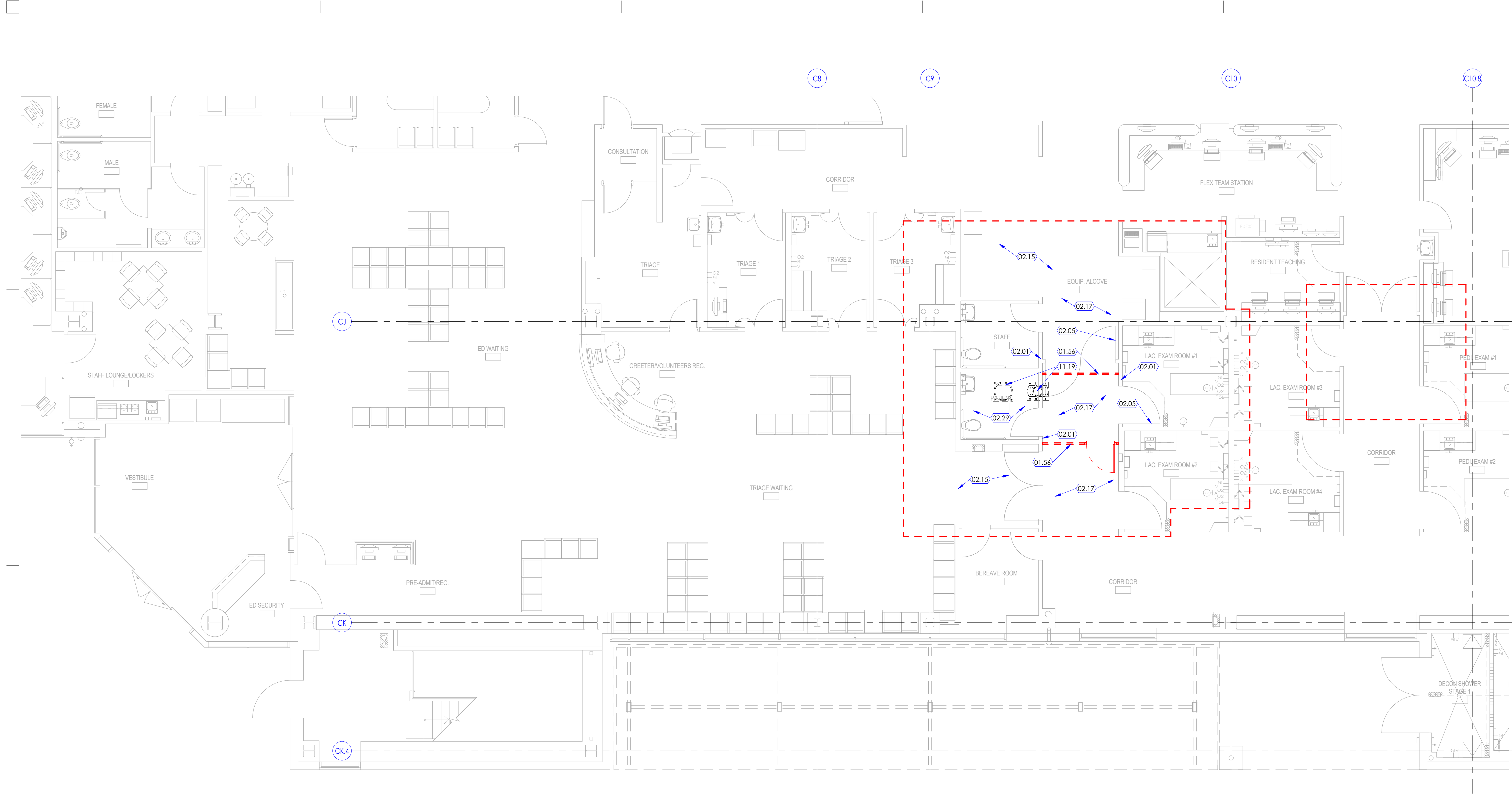
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STRUCTURAL
DETAILS

S502



1 Lower Level 1 Floor Plan
SCALE: 3/16" = 1'-0"

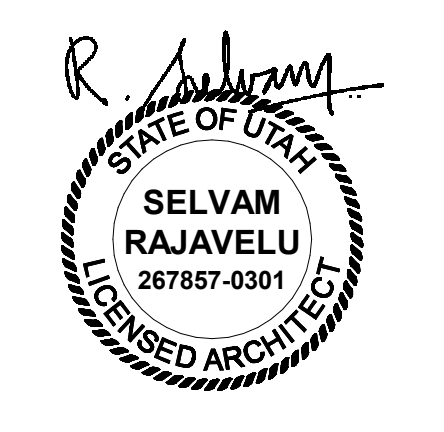
KEYED NOTES

- 01.56 DASHED LINE INDICATES FLOOR TO DECK DUST PROOF CONSTRUCTION BARRIER TO BE ERRECTED WITH PRE-MADE POLYCARBONATE TYE BARRIER SYSTEM- BASIS OF DESIGN- STARC® BARRIER SYSTEM. TAPE & SEAL ALL JOINTS AND OPENINGS. SEAL JOINTS AT PERIMETER. PARTITION TO BE EQUIPPED WITH 4'-0" LOCKABLE MAN DOOR WITH STICKY MATS ON BOTH SIDES OF DOOR. COORDINATE WITH OWNER FOR EXACT LOCATION OF CONSTRUCTION BARRIER.
- 02.01 WALL, EXISTING TO REMAIN. PROTECT WALL FROM DAMAGE DURING CONSTRUCTION. PATCH REPAIR AND PAINT AS REQUIRED TO ACCOMPLISH WORK INDICATED IN THE DRAWINGS.
- 02.05 DOOR, FRAME, HARDWARE EXISTING TO REMAIN. PROTECT DOOR FROM DAMAGE DURING CONSTRUCTION. DOORS IN THE SCAN ROOM ARE LEAD SHIELDED.
- 02.15 CEILING, GRIDS, LIGHTS DIFFUSERS ETC EXISTING TO REMAIN IN THIS AREA. PROTECT FROM DAMAGE DURING CONSTRUCTION. REMOVE AND REINSTALL WHERE REQUIRED TO ACCOMPLISH ABOVE CEILING WORK DESCRIBED IN THE MECHANICAL, STRUCTURAL, PLUMBING OR ELECTRICAL DRAWINGS.
- 02.17 FLOOR COVERING, EXISTING TO REMAIN. PROTECT FLOOR COVERING FROM DAMAGE DURING CONSTRUCTION.
- 02.29 CEILING, GRIDS, GYPSUM BOARD, LIGHT, DIFFUSER ETC EXISTING IN THIS AREA TO BE PARTIALLY REMOVED AND REINSTALLED TO ORIGINAL CONDITION AFTER ABOVE CEILING WORK IS COMPLETED.
- 11.19 DASHED LINES INDICATE ANGIO LAB C-ARM SNF PATIENT TABLE METAL ANCHOR FLOOR PLATES TO BE INSTALLED AT THE FLOOR ABOVE. NOTE THAT REMOVAL OF THE EXISTING ANCHOR THROUGH BOLT AND INSTALLATION OF THE NEW ANCHORS THROUGH BOLT IS RESPONSIBILITY OF THE GENERAL CONTRACTOR. CONTRACTOR SHALL CORE-DRILL FLOOR SLAB WHERE REQUIRED. COORDINATE WITH OWNERS' VENDOR PHILIPS AND SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION. REMOVE, REINSTALL, PATCH AND REPAIR EXISTING CEILING TO ACCESS SPACE. RELOCATE AND OR RE-ROUTE HVAC DUCT, DIFFUSER, PLUMBING, PIPING, ELECTRICAL ETC. AS REQUIRED TO COMPLETE WORK. FIELD VERIFY EXISTING CONDITIONS BEFORE PROCEEDING WITH THE WORK.

GENERAL NOTES



NJRA Architects, Inc.
5272 S. College Drive, Suite 104
Murray, Utah 84123
801.364.9259
www.njraarchitects.com



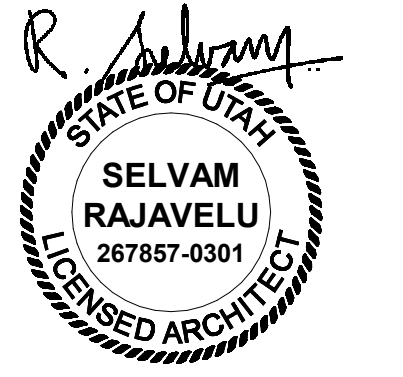
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Floor Plan
Lower Level 1

A103



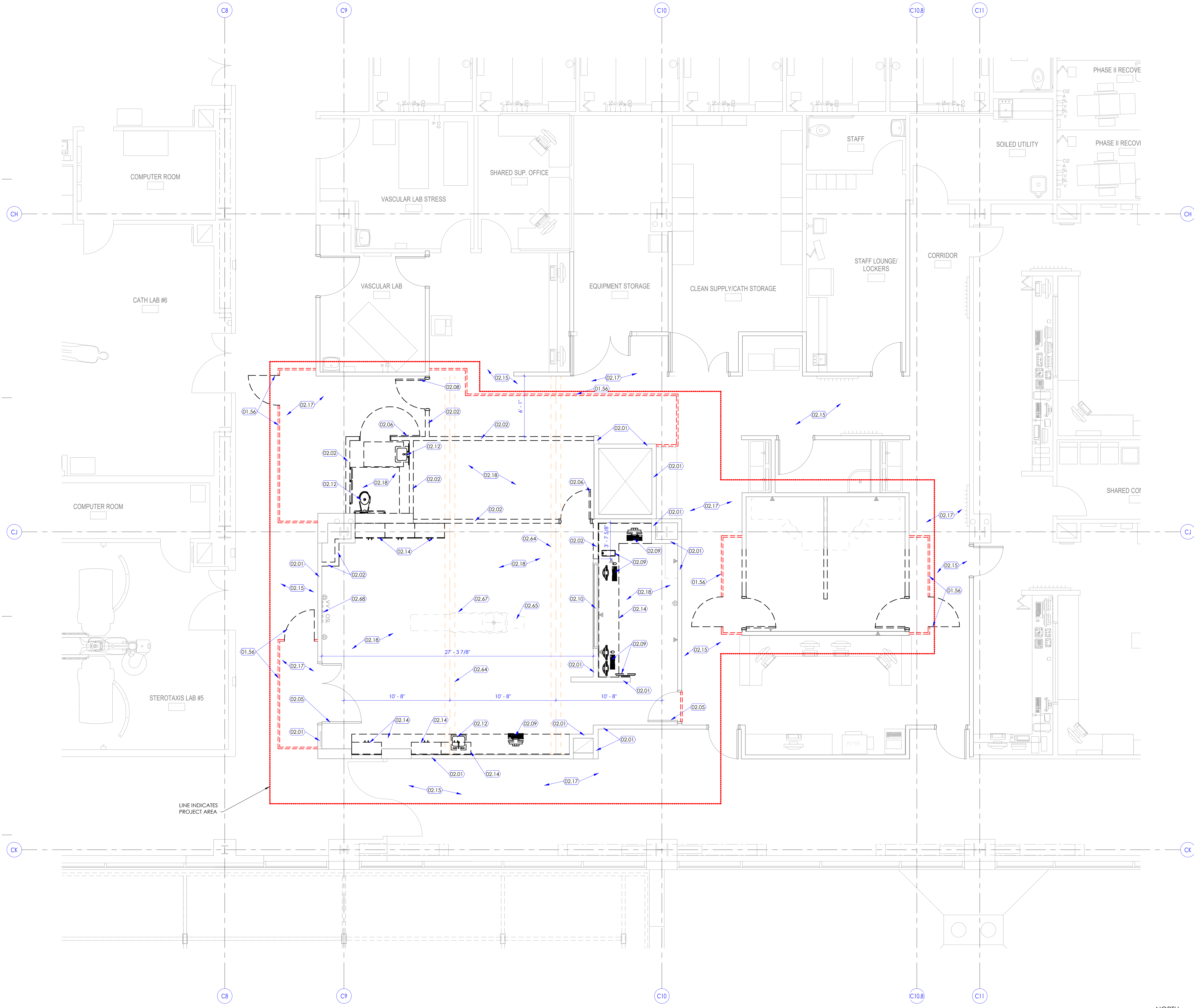
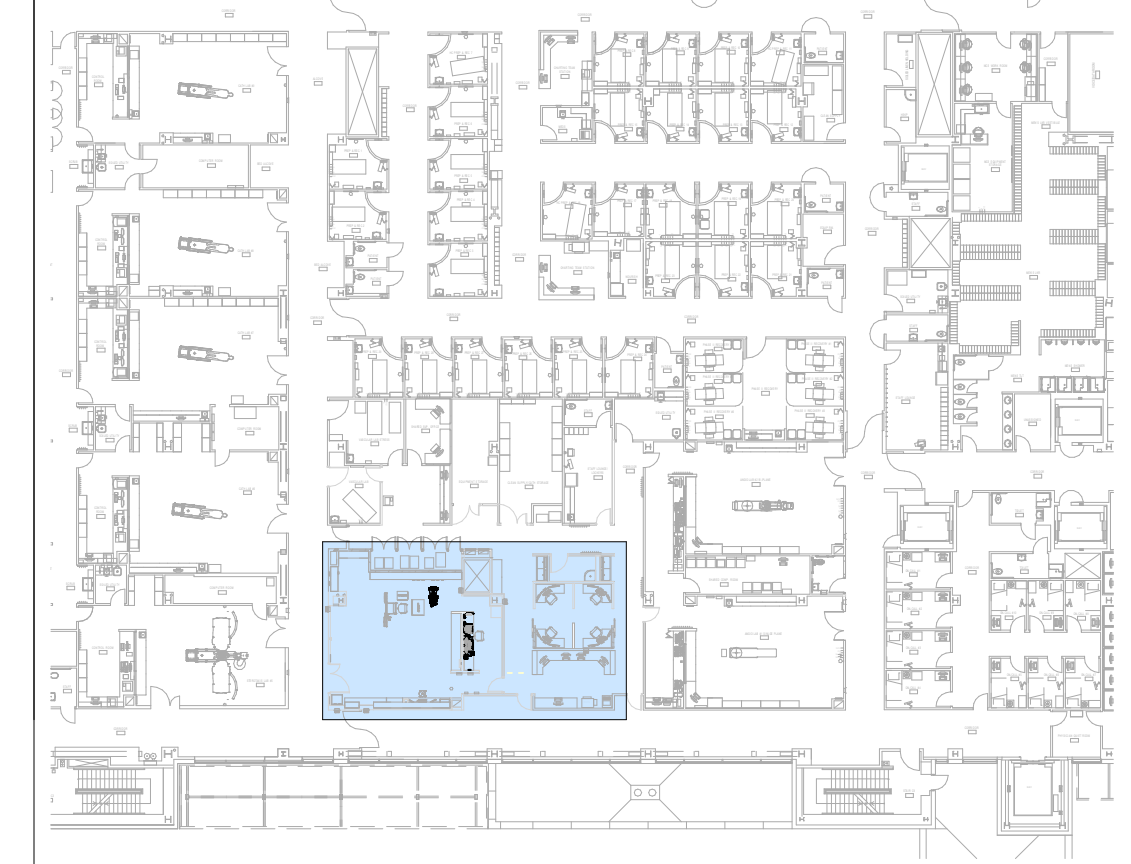
KEYED NOTES

- 01.56 DASHED LINE INDICATES FLOOR TO DECK DUST PROOF CONSTRUCTION BARRIER TO PREVENT DUST AND DIRT MIGRATION AND TO SEPARATE AREAS OCCUPIED BY THE OWNER FROM FUMES AND NOISE. CONSTRUCTION BARRIER TO BE ERRECTED WITH PRE-MADE POLYCARBONATE TYPE BARRIER SYSTEM. BASIS OF DESIGN: STARC BARRIER SYSTEM. TAPE & SEAL ALL JOINTS AND OPENINGS. SEAL JOINTS AT PERIMETER. PARTITION TO BE EQUIPPED WITH 4'-0" LOCKABLE MAN DOOR WITH STICKY MATS ON BOTH SIDES OF DOOR. COORDINATE WITH OWNER FOR EXACT LOCATION OF CONSTRUCTION BARRIER.
- 02.01 WALL, EXISTING TO REMAIN. PROTECT WALL FROM DAMAGE DURING CONSTRUCTION. PATCH REPAIR AND PAINT AS REQUIRED TO ACCOMPLISH WORK INDICATED IN THE DRAWINGS.
- 02.02 WALL, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED. REMOVE OR RELOCATE ELECTRICAL, MECHANICAL, PLUMBING ITEMS ETC. THAT ARE EXISTING IN THE DEMOLISHED WALL. CONTRACTOR TO NOTE THAT EXISTING WALLS IN THE SCAN ROOM HAVE LEAD SHIELDING AND WILL NEED TO BE SAFELY DISPOSED OFF WHERE DEMOLISHED.
- 02.05 DOOR, FRAME, HARDWARE EXISTING TO REMAIN. PROTECT DOOR FROM DAMAGE DURING CONSTRUCTION. DOORS IN THE SCAN ROOM ARE LEAD SHIELDED.
- 02.06 DOOR, DOOR FRAME AND HARDWARE, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED. SCAN ROOM DOORS ARE LEAD SHIELDED.
- 02.08 EXISTING DOOR, HARDWARE KEYPAD ACCESS INDICATED WITH DASHED LINE TO BE CAREFULLY REMOVED AND RE-INSTALLED IN NEW DOOR FRAME AT NEW LOCATION. REUSE DOOR HARDWARE. SEE NEW FLOOR PLAN.
- 02.09 EXISTING COMPUTER, EQUIPMENT, MONITOR ETC. TO BE REMOVED BY OWNER.
- 02.10 EXISTING LEAD SHIELDED WINDOW TO REMAIN. PROTECT DURING CONSTRUCTION.
- 02.12 PLUMBING FIXTURE, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED. SEE PLUMBING DRAWINGS TO CAP, MODIFY OR REMOVE PLUMBING CONNECTIONS AS REQUIRED. FILL AND REPAIR ANY UNUSED EXISTING CONCRETE CORE-DRILL.
- 02.14 BASE CABINET, WALL CABINET COUNTERTOP ETC., EXISTING INDICATED WITH DASHED LINE TO BE COMPLETELY REMOVED. SEE NEW FLOOR PLAN FOR NEW MILLWORK.
- 02.15 CEILING, GRIDS, LIGHTS DIFFUSERS ETC. EXISTING TO REMAIN IN THIS AREA. PROTECT FROM DAMAGE DURING CONSTRUCTION. REMOVE AND REINSTALL WHERE REQUIRED TO ACCOMPLISH ABOVE CEILING WORK DESCRIBED IN THE MECHANICAL, STRUCTURAL, PLUMBING OR ELECTRICAL DRAWINGS.
- 02.17 FLOOR COVERING, EXISTING TO REMAIN. PROTECT FLOOR COVERING FROM DAMAGE DURING CONSTRUCTION.
- 02.18 FLOOR COVERING, EXISTING INDICATED IN THIS AREA TO BE REMOVED. COORDINATE EXTENT OF REMOVAL WITH FINISH FLOOR PLANS FOR NEW FLOOR COVERING LOCATIONS AND TRANSITION LINE BETWEEN EXISTING AND NEW FLOOR COVERINGS.
- 02.44 DASHED LINES INDICATE EXISTING STRUCTURAL BEAM UNDER THE FLOOR SLAB TO REMAIN. FIELD VERIFY LOCATION OF THESE BEAMS BEFORE CORE DRILLING OR INSTALLING ANCHORAGE FOR NEW EQUIPMENT ON THE FLOOR.
- 02.65 EXISTING STAINLESS STEEL PEDESTAL BOX UNDER THE PATIENT TABLE WITH MEDGAS AND ELECTRICAL OUTLETS TO BE CAREFULLY REMOVED AND RE-INSTALLED AT THE NEW LOCATION.
- 02.67 EXISTING ANGIO LAB EQUIPMENT TO BE REMOVED BY OWNER'S VENDOR. COORDINATE WITH OWNER.
- 02.68 EXISTING MED GAS TO REMAIN. SEE PLUMBING DRAWINGS.

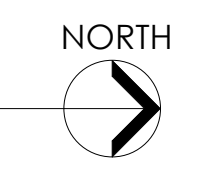
GENERAL NOTES

- 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 A602A FOR WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

KEY PLAN



LINE INDICATES PROJECT AREA



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

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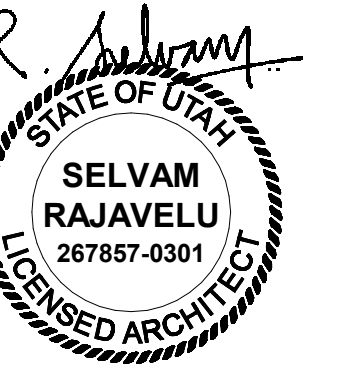
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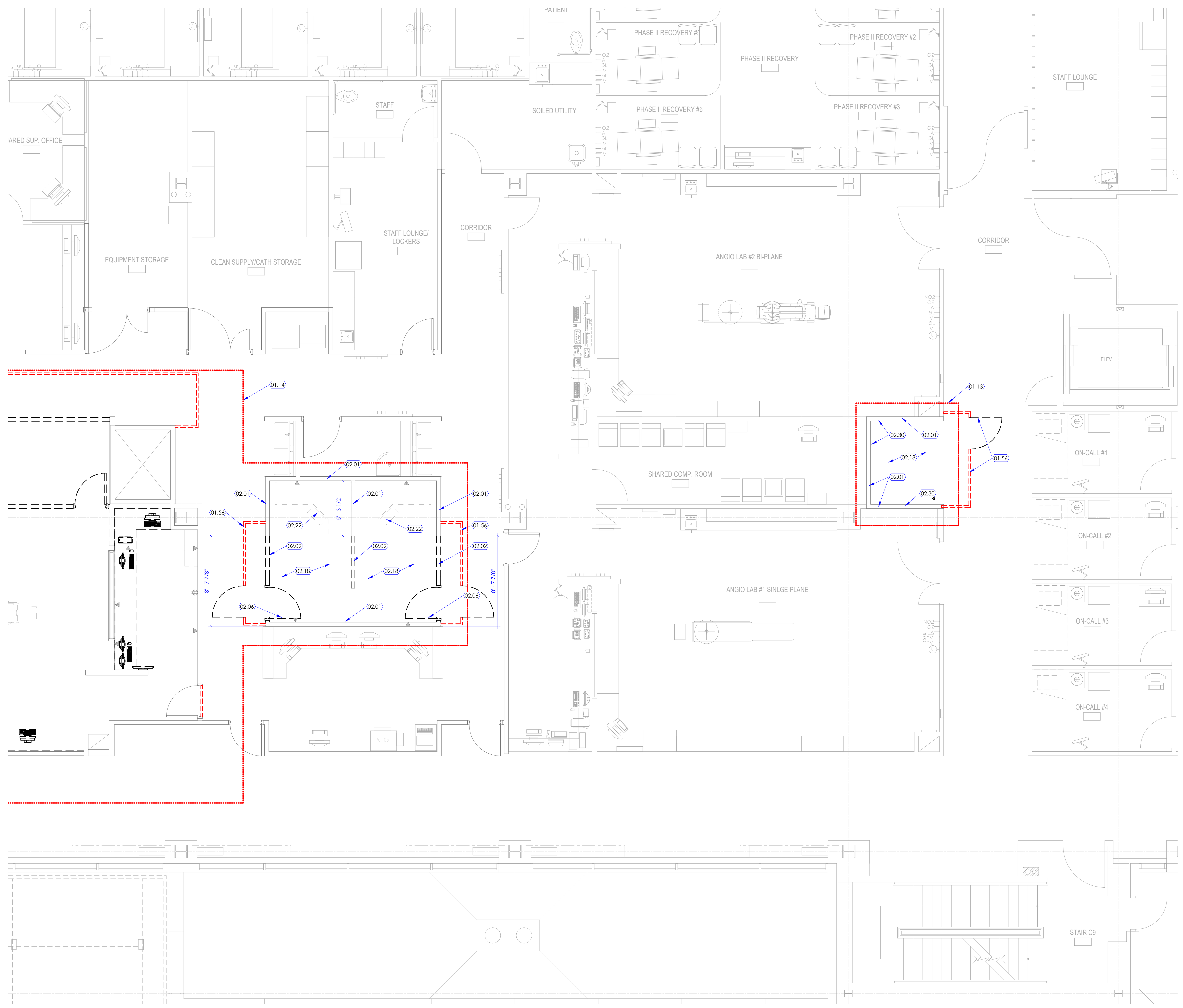
Demolition
Floor Plan
Level 1 - Area
A

A111A

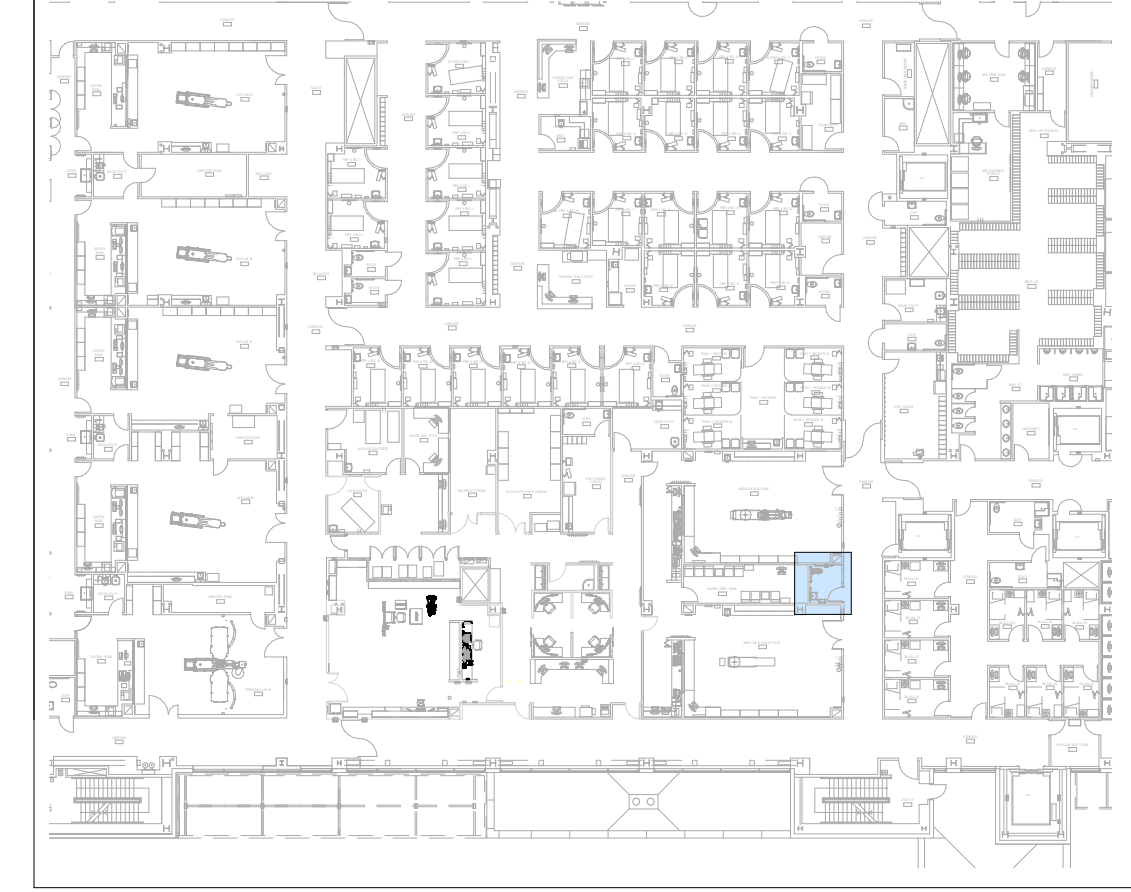


KEYED NOTES

- 01.13 LINE INDICATES PROJECT AREA
- 01.14 LINE INDICATES PROJECT AREA. SEE SHEET A111A
- 01.56 DASHED LINE INDICATES FLOOR TO DECK DUST PROOF CONSTRUCTION BARRIER TO PREVENT DUST AND DIRT MIGRATION AND TO SEPARATE AREAS OCCUPIED BY THE OWNER FROM FUMES AND NOISE. CONSTRUCTION BARRIER TO BE ERRECTED WITH PRE-MADE POLYCARBONATE TYPE BARRIER SYSTEM- BASIS OF DESIGN: "STARC" BARRIER SYSTEM. TAPE & SEAL. ALL JOINTS AND OPENINGS. SEAL JOINTS AT PERIMETER. PARTITION TO BE EQUIPPED WITH 4'-0" LOCKABLE MAN DOOR WITH STICKY MATS ON BOTH SIDES OF DOOR. COORDINATE WITH OWNER FOR EXACT LOCATION OF CONSTRUCTION BARRIER.
- 02.01 WALL EXISTING TO REMAIN. PROTECT WALL FROM DAMAGE DURING CONSTRUCTION. PATCH REPAIR AND PAINT AS REQUIRED TO ACCOMPLISH WORK INDICATED IN THE DRAWINGS.
- 02.02 WALL EXISTING INDICATED WITH DASHED LINE TO BE REMOVED. REMOVE OR RELOCATE ELECTRICAL, MECHANICAL, PLUMBING ITEMS ETC. THAT ARE EXISTING IN THE DEMOLISHED WALL. CONTRACTOR TO NOTE THAT EXISTING WALLS IN THE SCAN ROOM HAVE LEAD SHIELDING AND WILL NEED TO BE SAFELY DISPOSED OFF WHERE DEMOLISHED.
- 02.04 DOOR, DOOR FRAME AND HARDWARE, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED. SCAN ROOM DOORS ARE LEAD SHIELDED.
- 02.18 FLOOR COVERING, EXISTING INDICATED IN THIS AREA TO BE REMOVED. COORDINATE EXTENT OF REMOVAL WITH FINISH FLOOR PLANS FOR NEW FLOOR COVERING LOCATIONS AND TRANSITION LINE BETWEEN EXISTING AND NEW FLOOR COVERINGS
- 02.22 EXISTING FURNITURE, EQUIPMENT ETC. TO BE REMOVED BY OWNER.
- 02.30 PARTIALLY REMOVE SHEET ROCK WHERE REQUIRED TO COMPLETE PLUMBING WORK. PATCH REPAIR PAIR AND FINISH WALL AS PER NEW FINISH PLANS.



KEY PLAN



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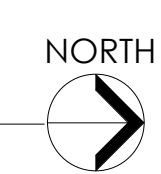
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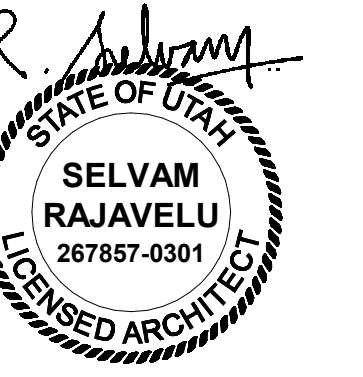
NJRA Project # 22247.00
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Demolition
Floor Plan
Level 1 - Area
B

A111B

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



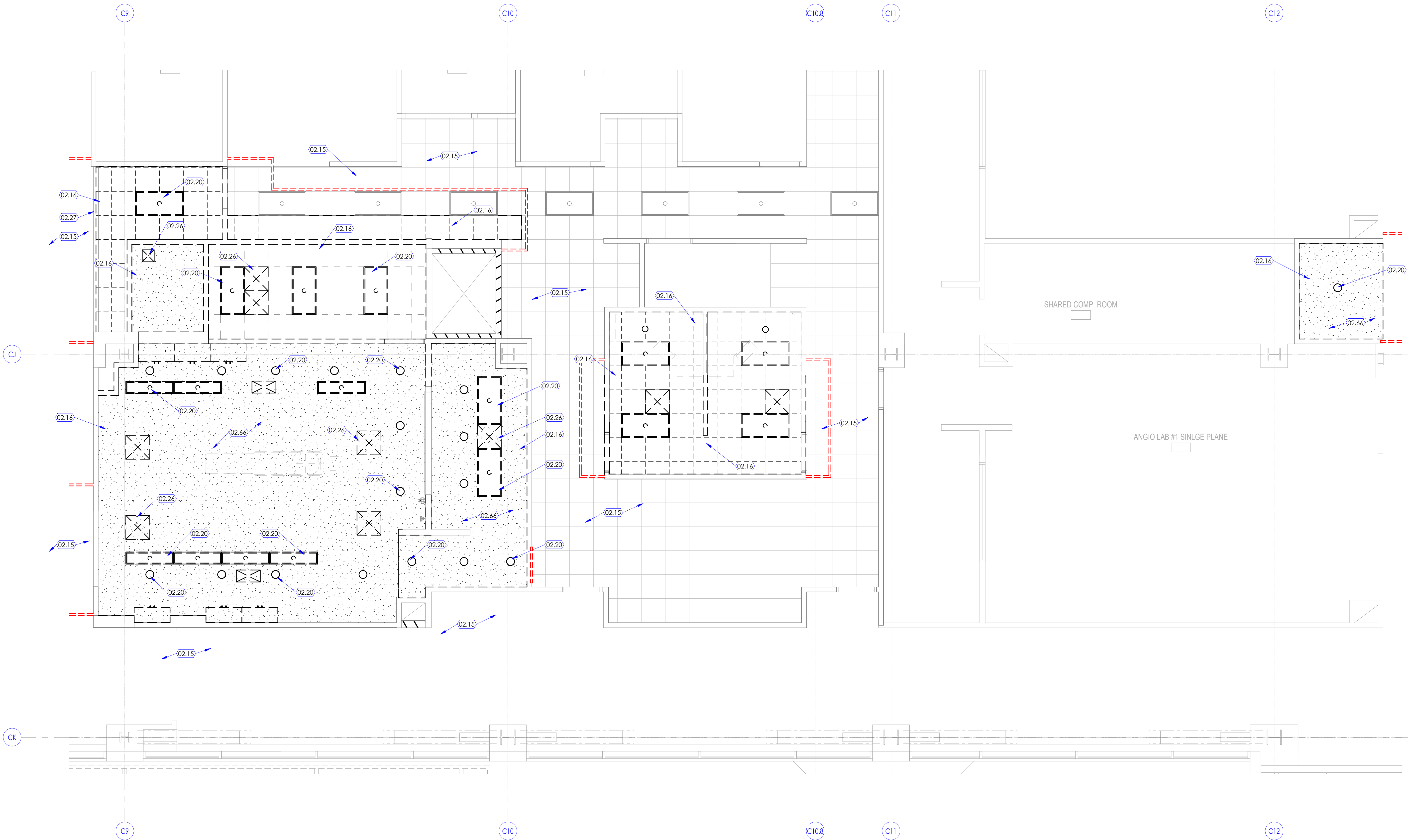


KEYED NOTES

- 02.15 CEILING, GRIDS, LIGHTS DIFFUSERS ETC EXISTING TO REMAIN IN THIS AREA. PROTECT FROM DAMAGE DURING CONSTRUCTION. REMOVE AND REINSTALL WHERE REQUIRED TO ACCOMPLISH ABOVE CEILING WORK DESCRIBED IN THE MECHANICAL, STRUCTURAL, PLUMBING OR ELECTRICAL DRAWINGS.
- 02.16 CEILING TILES, GRIDS, GYPSUM BOARD LIGHTS, DIFFUSERS ETC. EXISTING INDICATED IN THIS AREA TO BE REMOVED.
- 02.20 LIGHT FIXTURE, EXISTING INDICATED IN THIS AREA TO BE REMOVED.
- 02.26 MECHANICAL DIFFUSER, EXISTING INDICATED IN THIS AREA TO BE REMOVED.
- 02.27 GYPSUM BOARD HEADER, EXISTING TO REMAIN.
- 02.66 REMOVE EXISTING GYPSUM BOARD CEILING TO REMOVE UNUSED STRUCTURE ABOVE CEILING. INSTALL NEW STRUCTURE FOR NEW EQUIPMENT, NEW DUCTWORK, PLUMBING AND ELECTRICAL WORK. SEE STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR MORE INFORMATION. FIELD VERIFY EXISTING CONDITIONS.

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 A602A FOR WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.



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

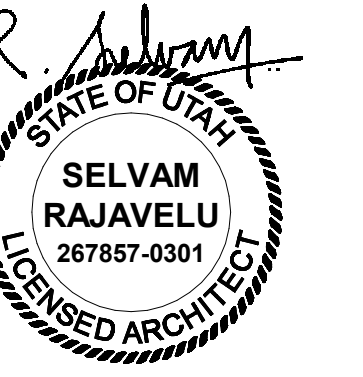
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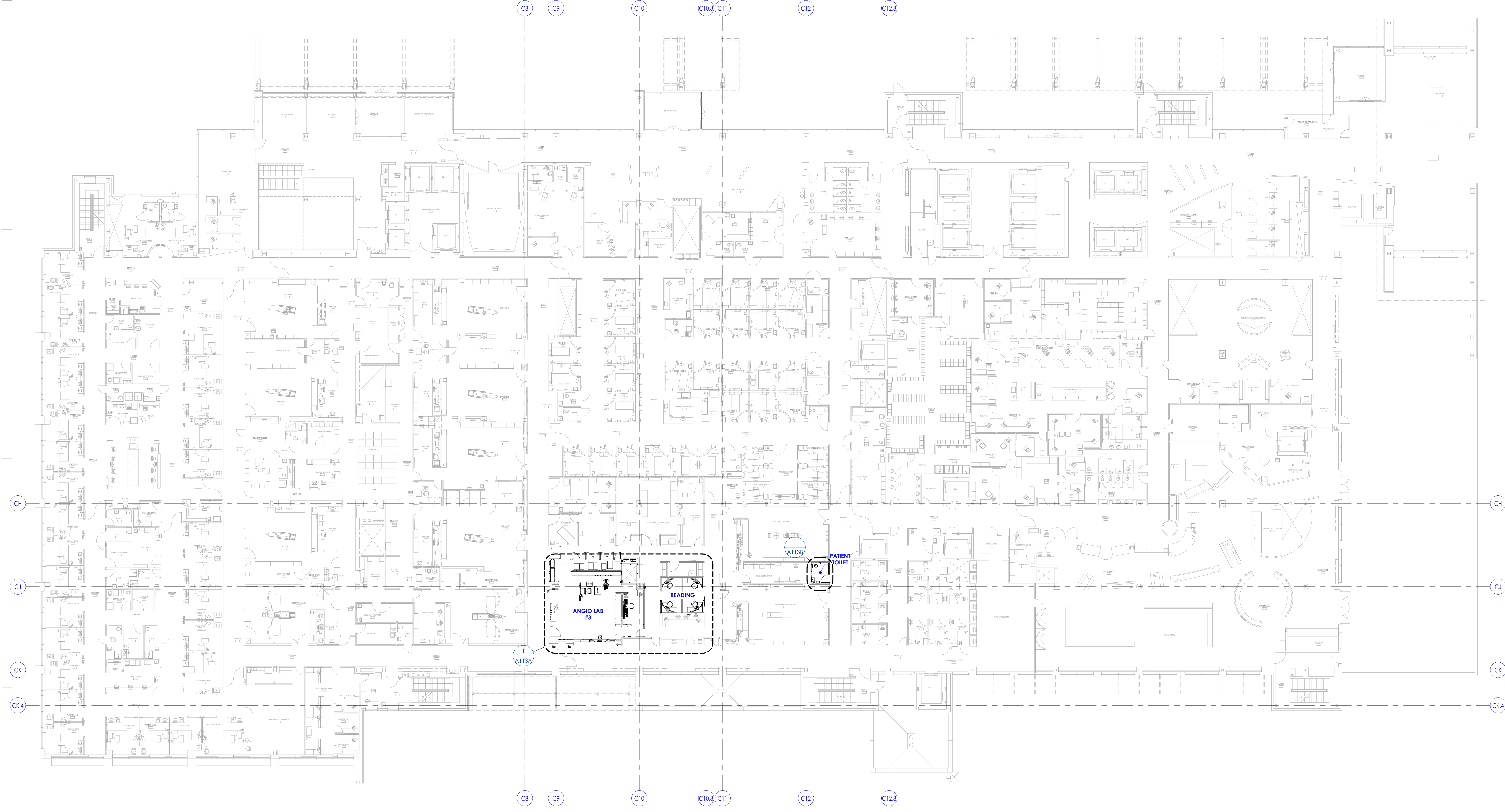
NJRA Project # 22247.00
Construction Documents June 30, 2023

Demolition
Ceiling Plan
Level 1

A112



KEYED NOTES



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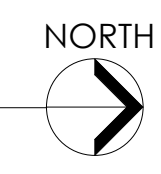
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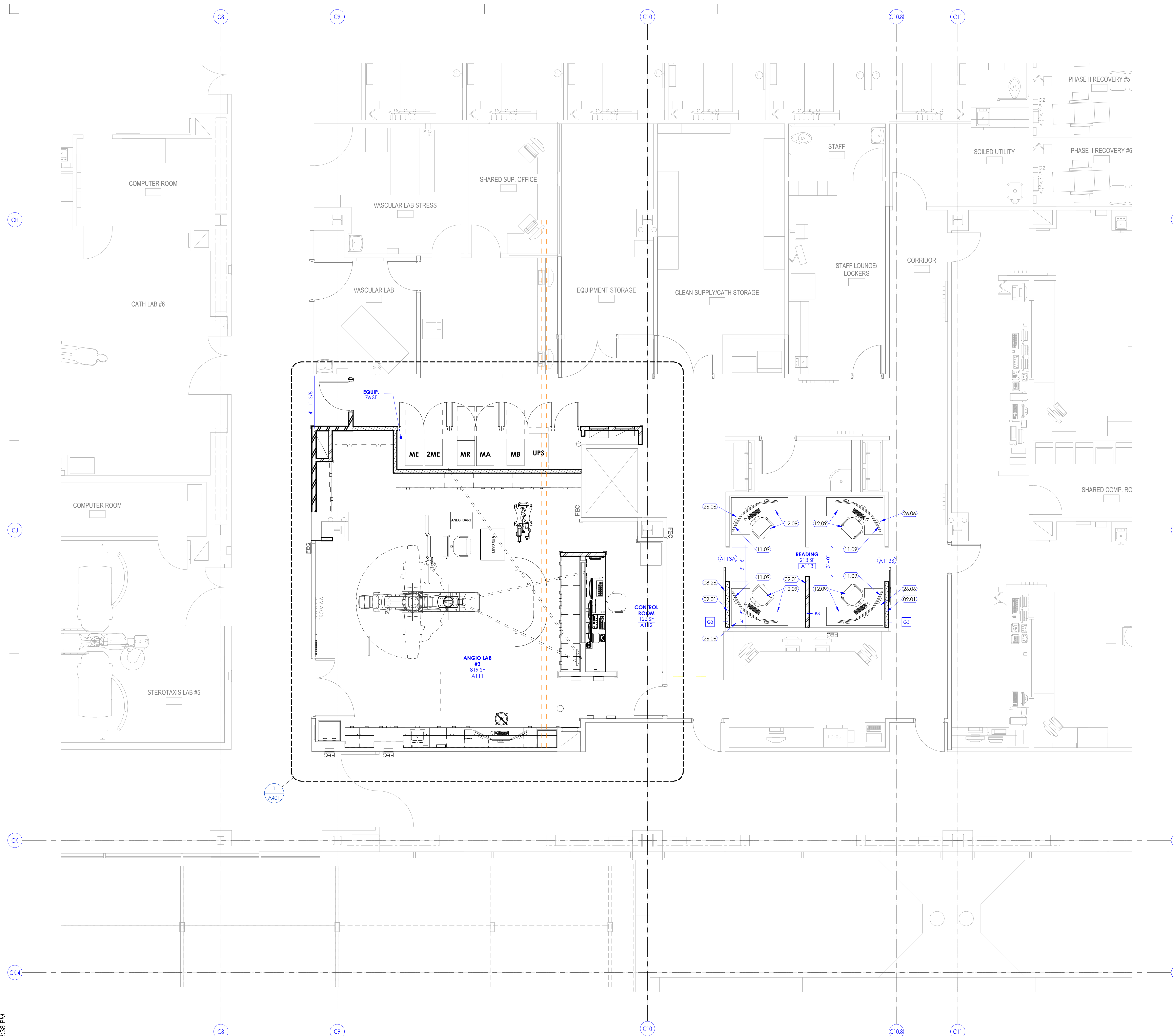
NJRA Project # 22247.00
Construction Documents June 30, 2023

Floor Plan
Level 1 -
Overall

A113

1 Floor Plan Level 1 - Overall
SCALE: 1/16" = 1'-0"





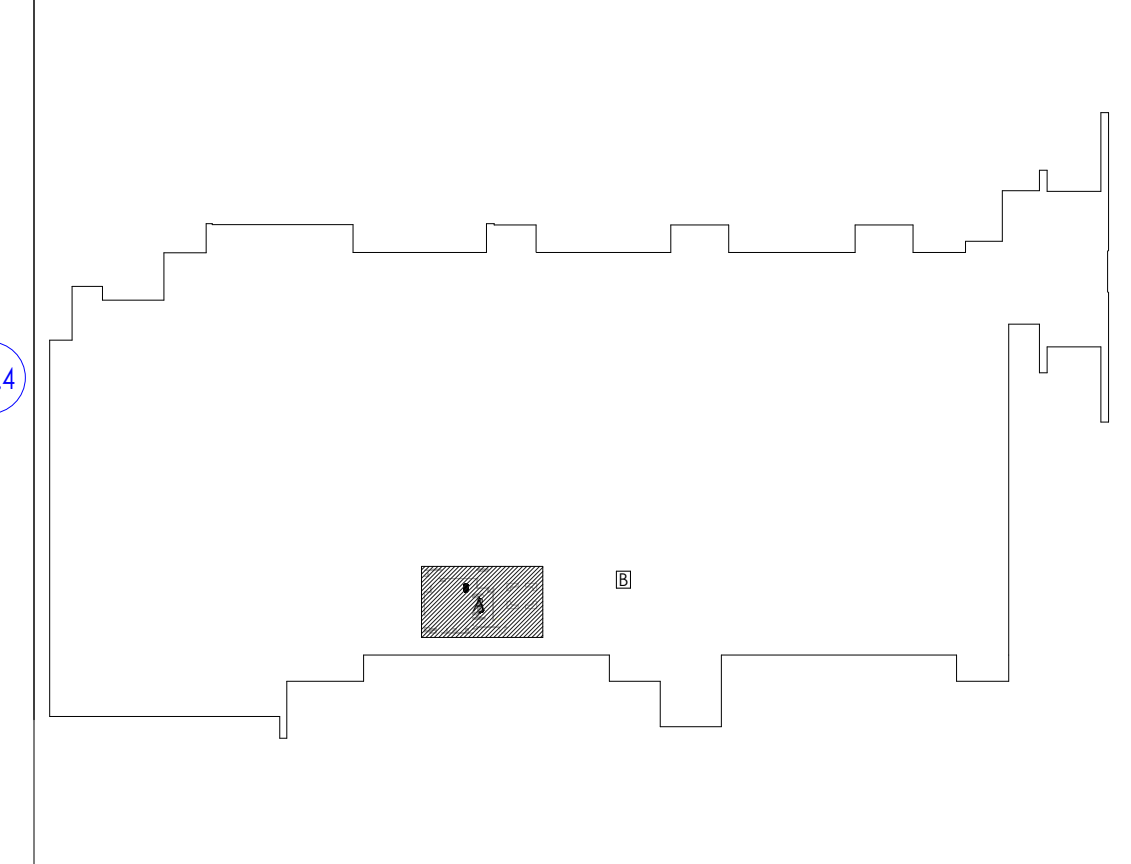
KEYED NOTES

- 08.26 SLIDING WOOD BARN DOOR ON ALUMINUM DOOR FRAME. DOOR SHALL BE SMOKE RATED AND SELF CLOSING WITH SPRING ACTION. SEE DETAILS ON SHEET A504A AND SPECIFICATIONS.
- 09.01 METAL STUD FRAMING, BASED ON THE LOCATION INDICATED IN FLOOR PLAN, USE 3-5/8" (OR 6" THICK OR 1-1/2" THICK AS OCCURS), 18 GAUGE METAL STUDS AT 16" O.C. WITH TRACK RUNNERS AT TOP AND BOTTOM. USE 12 GAUGE STUDS AROUND DOOR FRAMES. IN PLACES WHERE FRAMING RUNS FROM FLOOR TO STRUCTURE ABOVE, PROVIDE SLIP CONNECTION AS PER DETAIL 9/A502B TO ACCOMMODATE STRUCTURE DEFLECTION ABOVE. IN PLACES WHERE FRAMING IS SUSPENDED FROM STRUCTURE ABOVE, SLIP CONNECTION IS NOT REQUIRED.
- 11.09 COMPUTER, NOT IN CONTRACT. OWNER FURNISHED OWNER INSTALLED.
- 12.09 FURNITURE, NOT IN CONTRACT. OWNER FURNISHED OWNER INSTALLED.
- 26.06 SEPARATE DIMMABLE LIGHTS FOR EACH STATION

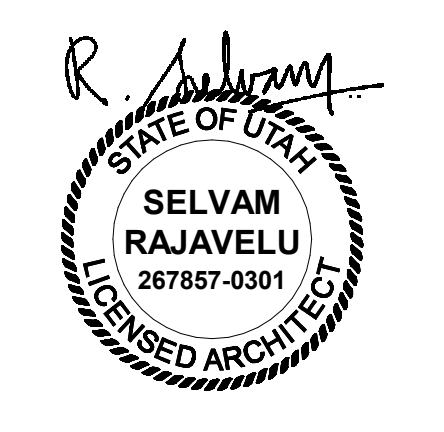
GENERAL NOTES

- 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 A602A FOR WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

KEY PLAN



NJRA Architects, Inc.
5272 S. College Drive, Suite 104
Murray, Utah 84123
801.364.9259
www.njraarchitects.com



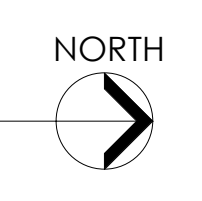
Intermountain Health
 Intermountain Medical Center
 Angio Lab #3 Remodel Project

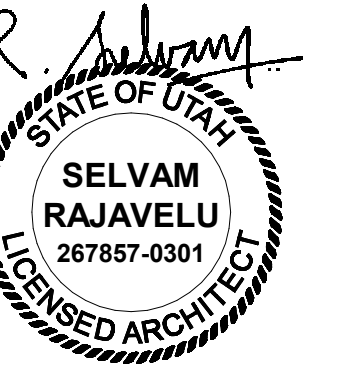
5121 South Cottonwood Street
 Murray, UT 84107

NJRA Project # 22247.00
Construction Documents June 30, 2023

Floor Plan
Level 1 - Area
A

A113A



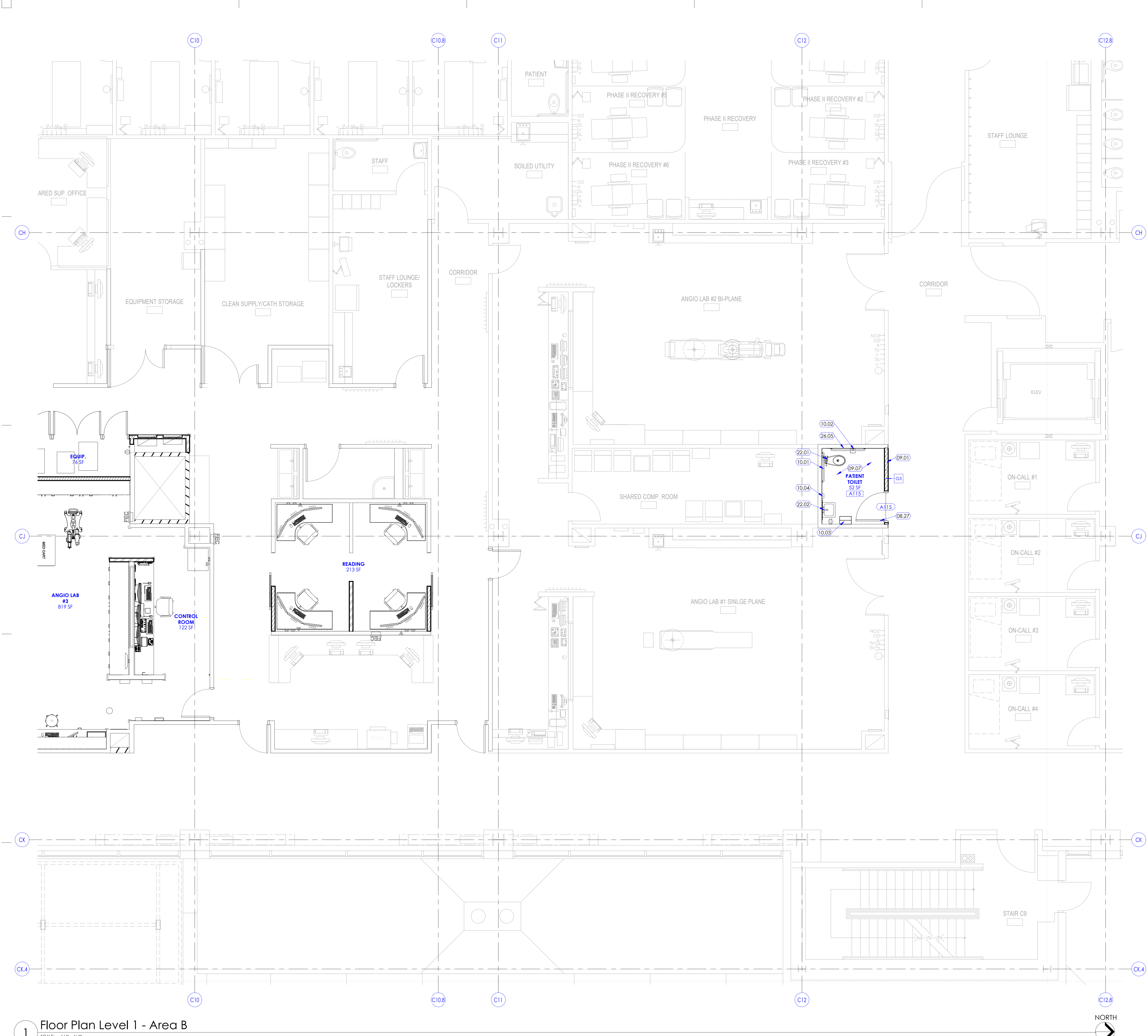
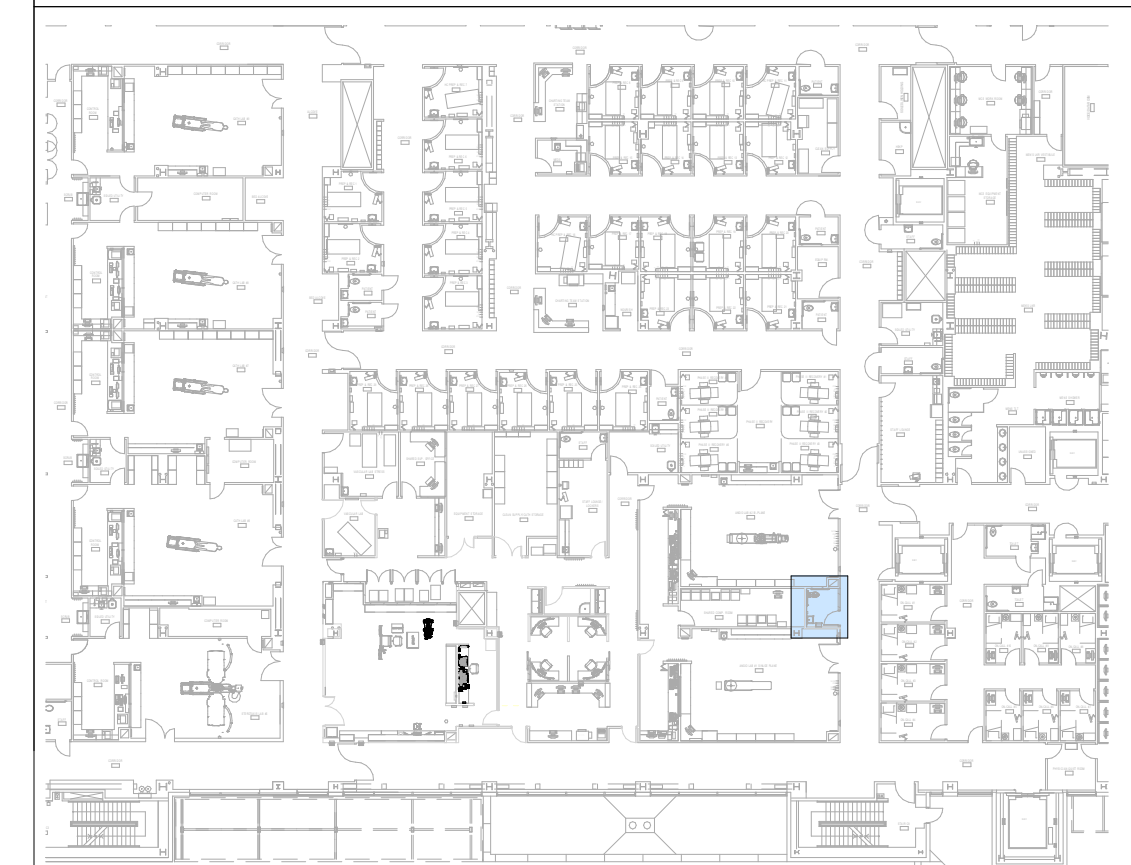


KEYED NOTES

- 08.27 RELOCATED FLUSH WOOD DOOR FROM READING ROOM TO A NEW HOLLOW METAL DOOR FRAME, REUSE DOOR HARDWARE BUT REPLACE DOOR LOCK WITH PRIVACY SET FOR BATHROOM USE. FIELD VERIFY TO MATCH WITH HOSPITAL STANDARD.
- 09.01 METAL STUD FRAMING, BASED ON THE LOCATION INDICATED IN FLOOR PLAN, USE 3-5/8" (OR 6" THICK OR 1-1/2" THICK AS OCCURS), 18 GAUGE, METAL STUDS AT 16" O.C. WITH TRACK RUNNERS AT TOP AND BOTTOM. USE 12 GAUGE STUDS AROUND DOOR FRAMES, IN PLACES WHERE FRAMING RUNS FROM FLOOR TO STRUCTURE ABOVE. PROVIDE SLIP CONNECTION AS PER DETAIL 9/A5028 TO ACCOMMODATE STRUCTURE DEFLECTION ABOVE, IN PLACES WHERE FRAMING IS SUSPENDED FROM STRUCTURE ABOVE, SLIP CONNECTION IS NOT REQUIRED.
- 09.07 FLOOR COVERING, SEE FINISH FLOOR PLANS FOR FLOOR COVERING INDICATED WITH A FLOOR FINISH TAG (AS F1, F2, F3, ETC.). SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH FLOOR FINISH TAG.
- 10.01 GRAB BAR, PROVIDE GRAB BARS REQUIRED FOR WATER CLOSET, SHOWER, ETC. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 10.02 TOILET PAPER DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING IN WALL AS REQUIRED, SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 10.03 PAPER TOWEL DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING IN WALL AS REQUIRED, SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 10.04 SOAP DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING FOR ALL OWNER FURNISHED ITEMS. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 22.01 WATER CLOSET, SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. SEE PLUMBING DRAWINGS.
- 22.02 LAVATORY (SINK), SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. SEE PLUMBING DRAWINGS.
- 26.05 NURSE CALL, SEE ELECTRICAL DRAWINGS.

GENERAL NOTES

KEY PLAN



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

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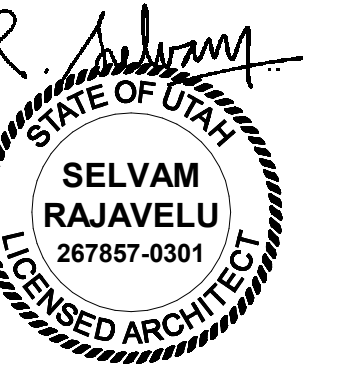
Intermountain Health
Intermountain Medical Center
Angio Lab #3 Remodel Project

5121 South Cottonwood Street
Murray, UT 84107

NJRA Project # 22247.00
Construction Documents June 30, 2023

Floor Plan
Level 1 - Area
B

A113B



KEYED NOTES

- 02.15 CEILING, GRIDS, LIGHTS DIFFUSERS ETC EXISTING TO REMAIN IN THIS AREA. PROTECT FROM DAMAGE DURING CONSTRUCTION. REMOVE AND REINSTALL WHERE REQUIRED TO ACCOMPLISH ABOVE CEILING WORK DESCRIBED IN THE MECHANICAL, STRUCTURAL, PLUMBING OR ELECTRICAL DRAWINGS.
- 02.19 LIGHT FIXTURE, EXISTING TO REMAIN. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 09.06 PAINTED GYPSUM BOARD CEILING. SEE DETAILS ON SHEET A503A. ALSO REFER TO FINISH PLANS.
- 09.21 2'X2' ACOUSTICAL CEILING TILES AND GRID SYSTEM. BASIS OF DESIGN: USG RADAR BASIC ACOUSTICAL PANEL 2110 WITH ARMSTRONG'S PRELUDE XL 15/16-INCH EXPOSED TEE. FIELD VERIFY TO MATCH WITH ADJACENT EXISTING.
- 23.05 EXHAUST FAN. SEE MECHANICAL DRAWINGS.
- 23.09 MECHANICAL DIFFUSER. SEE MECHANICAL DRAWINGS.
- 26.03 LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.

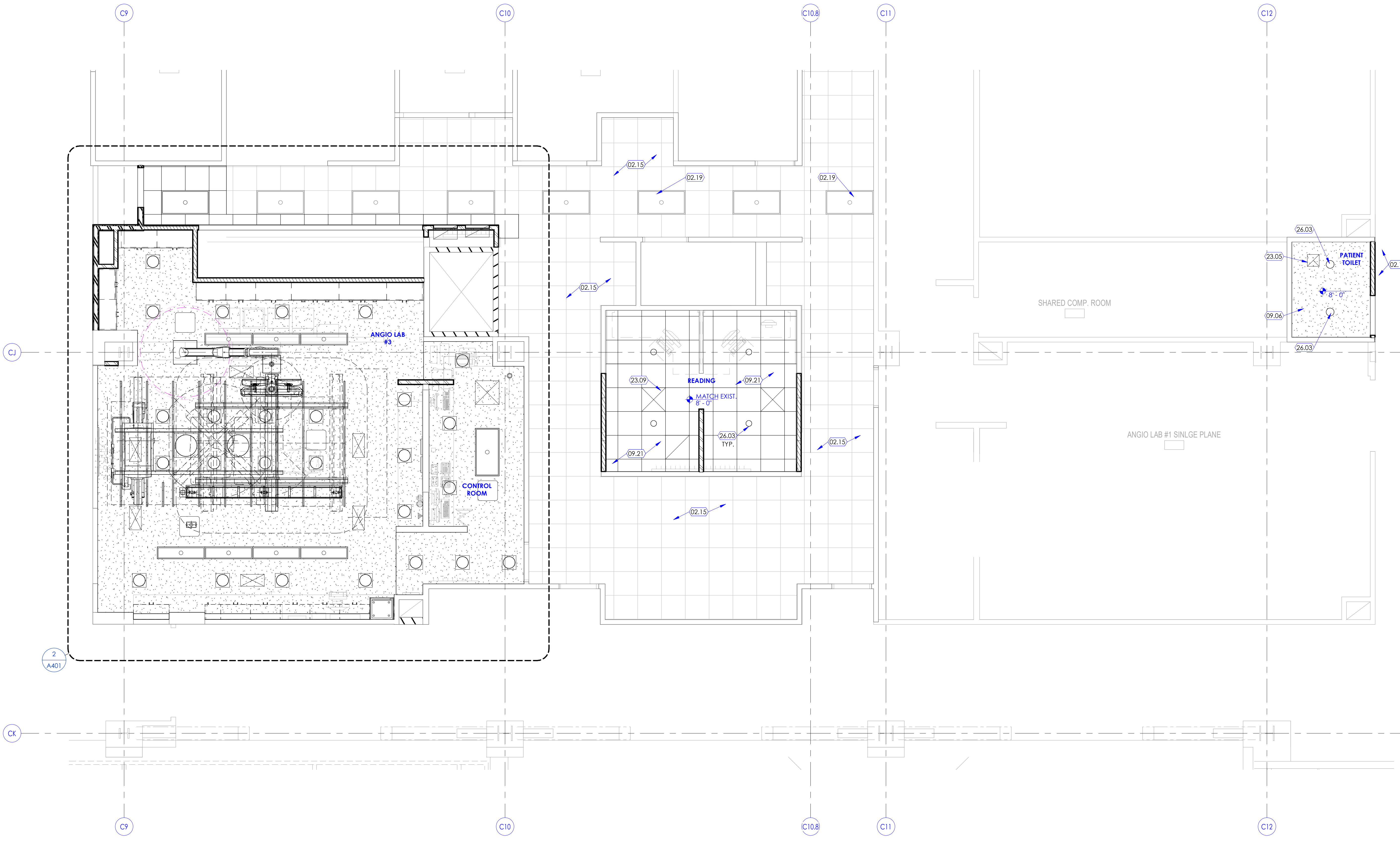
GENERAL NOTES

Intermountain Health
Intermountain Medical Center
Angio Lab #3 Remodel Project

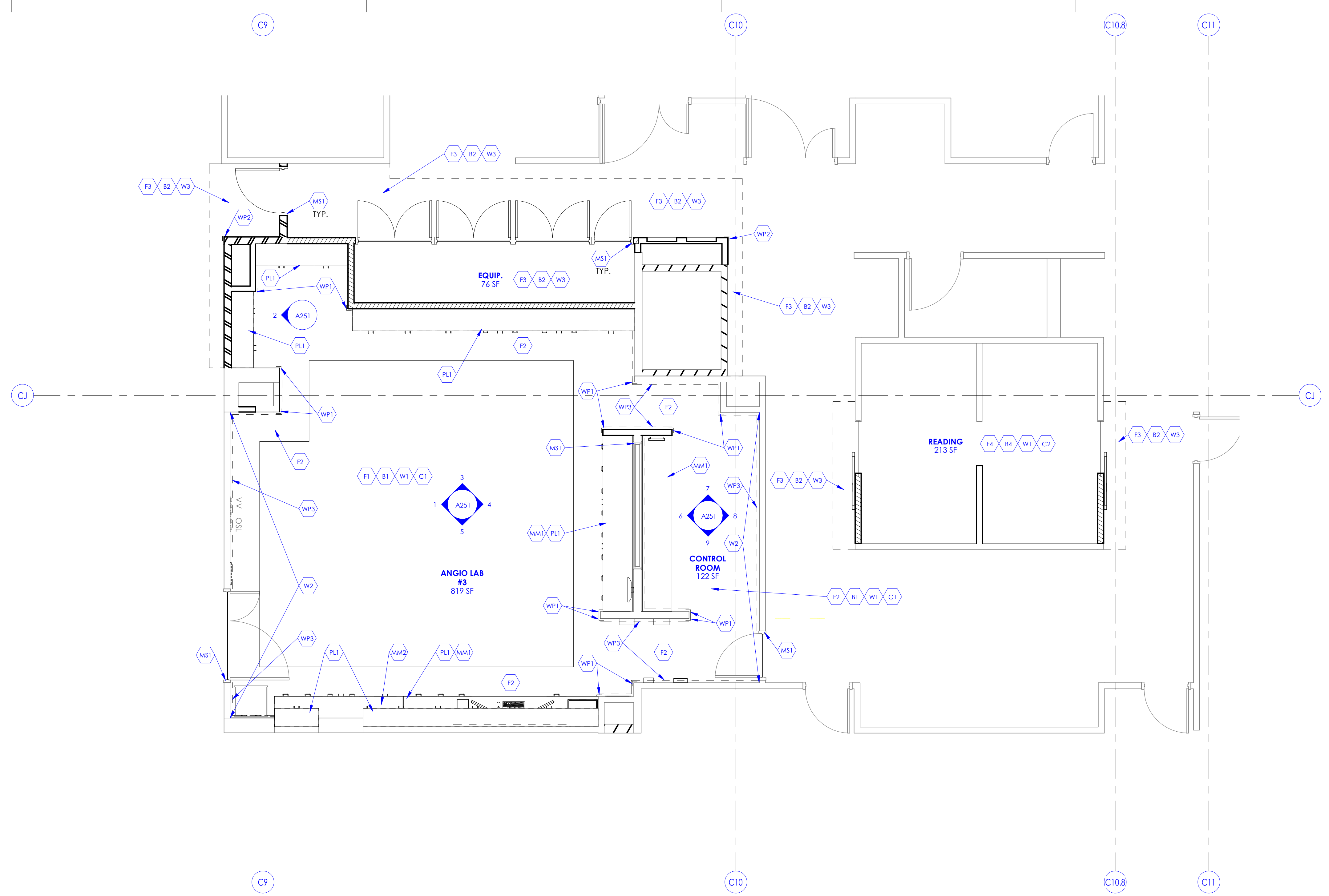
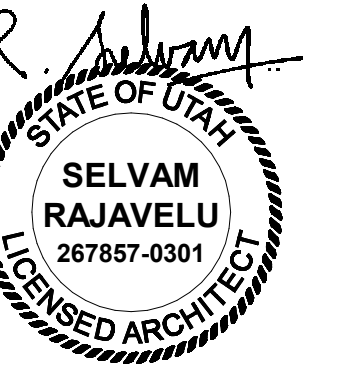
NJRA Project # 22247.00
Construction Documents June 30, 2023

Reflected Ceiling Plan
Level 1

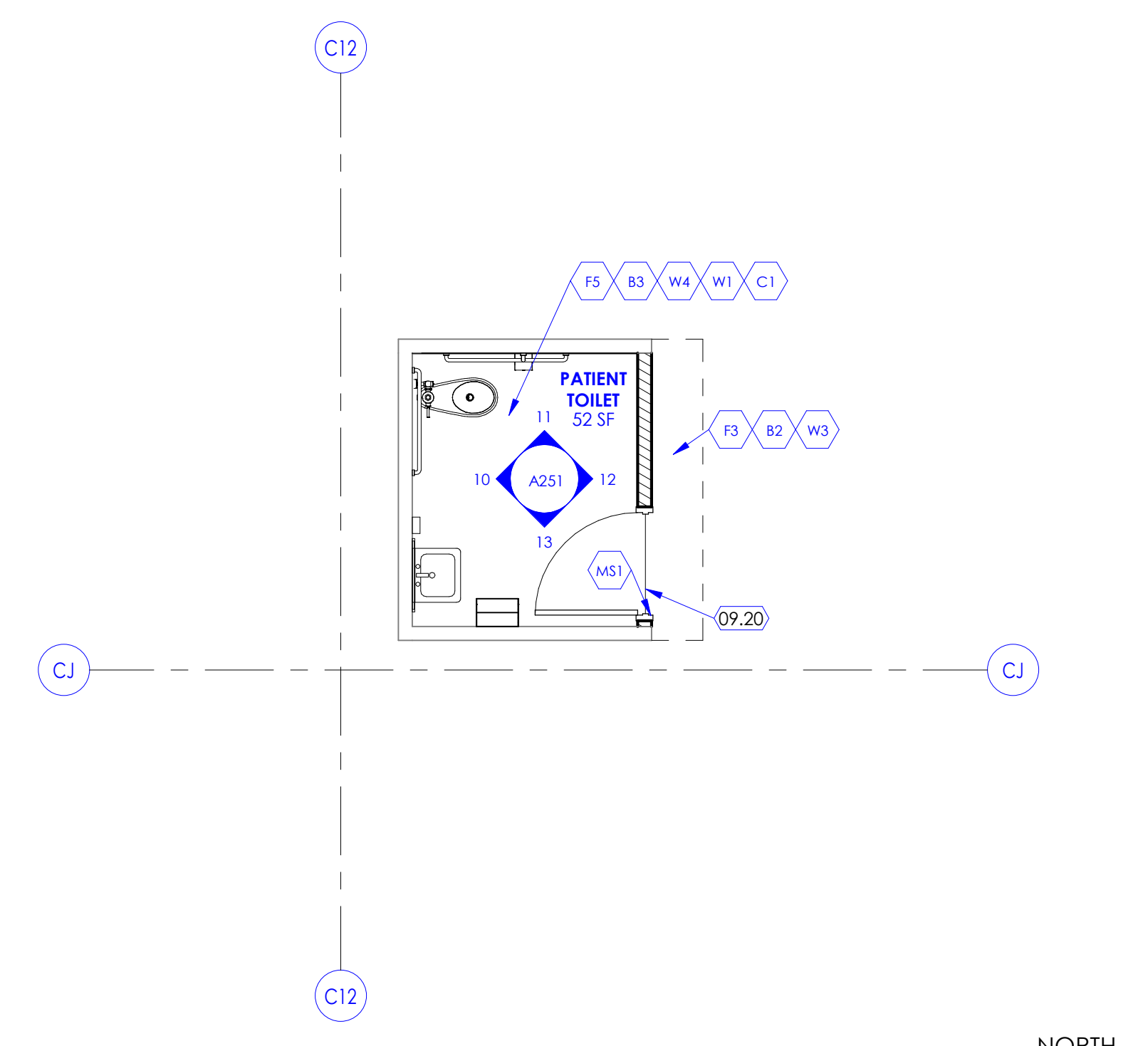
A116A



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



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



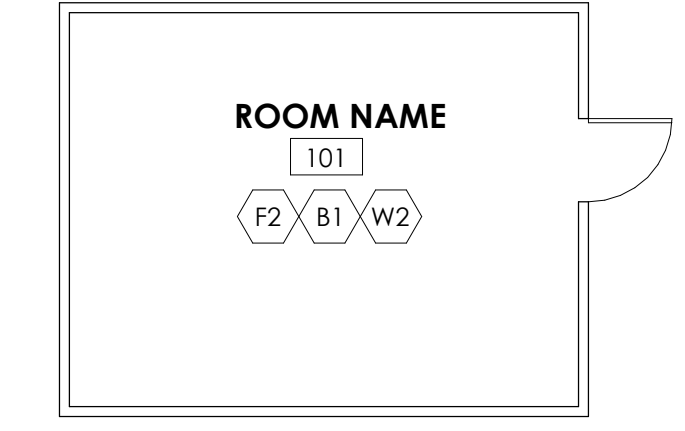
2 Finish Floor Plan Level 1 - Area B
SCALE: 1/4" = 1'-0"

KEYED NOTES

09.20 QUARTZ THRESHOLD AT DOOR. SEE DETAIL 7/A506A.

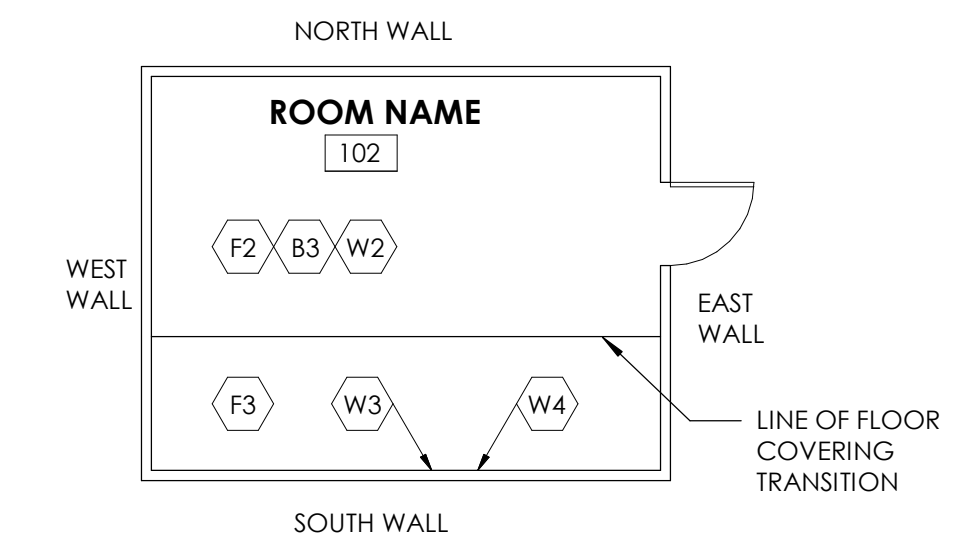
SAMPLE LAYOUTS

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 A602A FOR WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

KEY PLAN

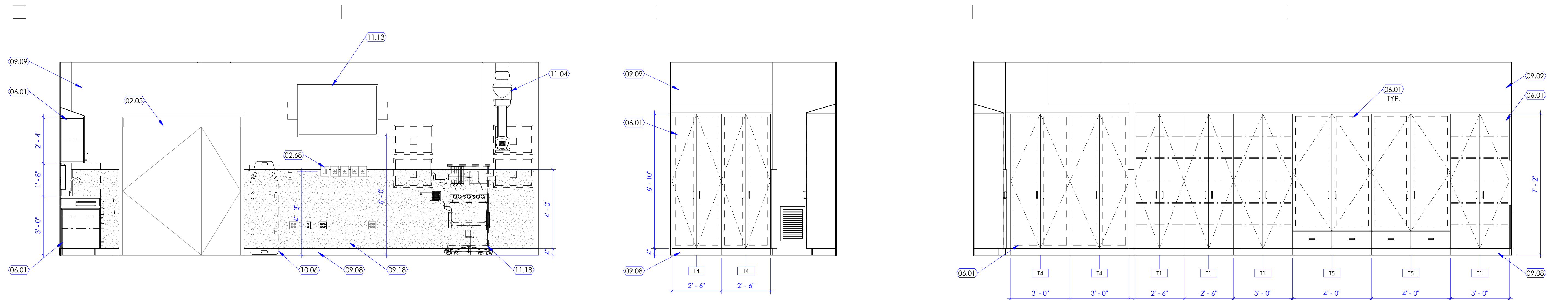
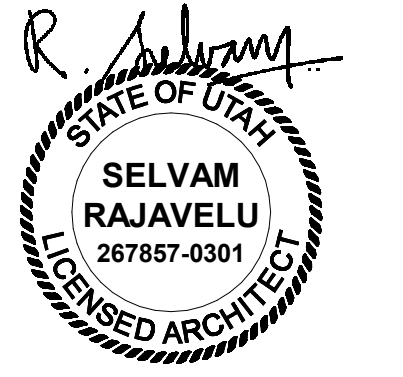
Intermountain Health
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5121 South Cottonwood Street
Murray, UT 84107

NJRA Project # 22247.00
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Finish Plan
Level 1 - Area
A & B

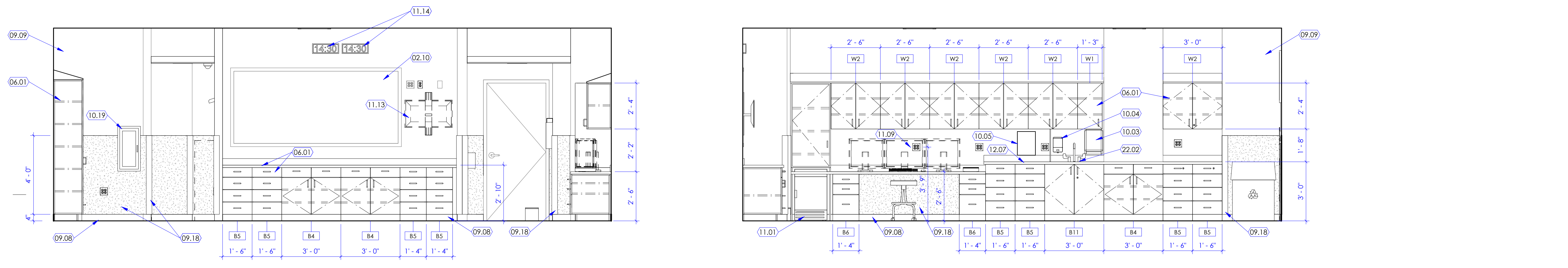
A117A



1 Angio Lab 3 Head Wall Detail
SCALE: 3/8" = 1'-0"

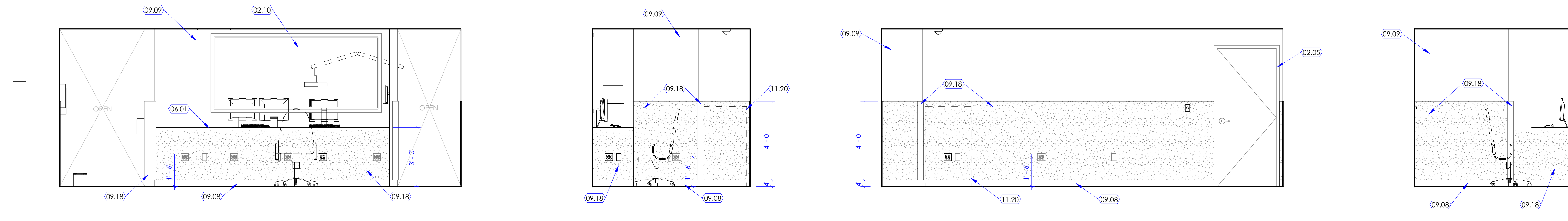
2 Angio Lab #3 Head Wall Cabinet
SCALE: 3/8" = 1'-0"

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



4 Angio Lab 3 Foot Wall Detail
SCALE: 3/8" = 1'-0"

5 Angio Lab 3
SCALE: 3/8" = 1'-0"

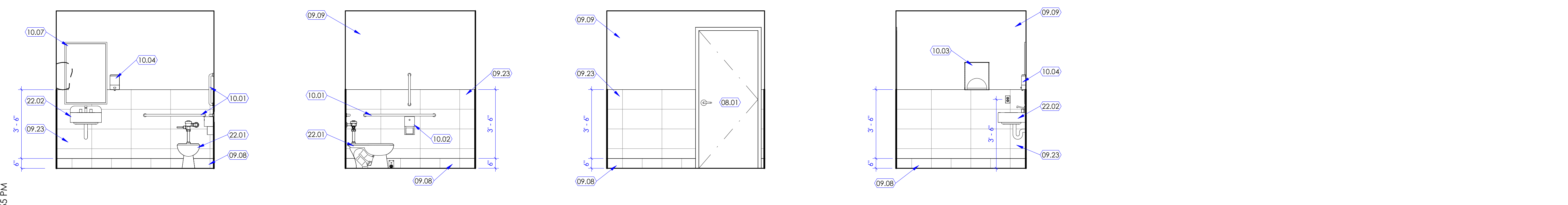


6 Control Room Head Wall Detail
SCALE: 3/8" = 1'-0"

7 Control Room
SCALE: 3/8" = 1'-0"

8 Control Room Foot Wall Detail
SCALE: 3/8" = 1'-0"

9 Control Room
SCALE: 3/8" = 1'-0"



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

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

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

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

KEYED NOTES

- 02.05 DOOR, FRAME, HARDWARE EXISTING TO REMAIN. PROTECT DOOR FROM DAMAGE DURING CONSTRUCTION. DOORS IN THE SCAN ROOM ARE LEAD SHIELDED.
- 02.10 EXISTING LEAD SHIELDED WINDOW TO REMAIN. PROTECT DURING CONSTRUCTION.
- 02.68 EXISTING MED GAS TO REMAIN. SEE PLUMBING DRAWINGS.
- 06.01 CABINET, COUNTERTOP, ETC. SEE CABINET LEGEND ON SHEET 1/A505A, AND INTERIOR ELEVATIONS, FOR CABINET TYPES SUCH AS BASE CABINETS, WALL CABINETS, TALL CABINETS, ETC.
- 08.01 DOOR AND DOOR FRAME. SEE DOOR SCHEDULE.
- 09.08 WALL BASE. SEE FINISH FLOOR PLANS FOR WALL BASE TYPE INDICATED WITH A WALL BASE TAG (AS B1, B2, B3, ETC.). SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH WALL BASE TAG.
- 09.09 WALL FINISH. SEE FINISH FLOOR PLANS FOR WALL FINISH INDICATED WITH A WALL FINISH TAG (AS W1, W2, W3, ETC.). SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH WALL FINISH TAG.
- 09.18 WALL PROTECTION. SEE FINISH FLOOR PLAN FOR WAINSCOT, CORNER GUARDS, ETC. INDICATED WITH A TAG AS WP1, WP2, ETC. SEE FINISH SCHEDULE FOR MATERIAL TYPE, SIZE, COLOR, ETC.
- 09.23 PORCELAIN WALL TILE. SEE FINISH PLAN AND SCHEDULE FOR MORE INFORMATION. PROVIDE CEMENTITIOUS BACKER BOARD WHERE WALL TILES CALLED OUT. SEE SPECIFICATIONS.
- 10.01 GRAB BAR. PROVIDE GRAB BARS REQUIRED FOR WATER CLOSET, SHOWER, ETC. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 10.02 TOILET PAPER DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING IN WALL AS REQUIRED. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 10.03 PAPER TOWEL DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING IN WALL AS REQUIRED. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 10.04 SOAP DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING FOR ALL OWNER FURNISHED ITEMS. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 10.05 GLOVE DISPENSER, O.F.C.I.
- 10.06 PATIENT TRANSFER BOARD, O.F.O.I.
- 10.07 MIRROR, 2'-0" WIDE X 3'-0" HIGH, TYPICAL. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 10.19 FIRE PROTECTION CABINET FOR STORING PORTABLE FIRE EXTINGUISHERS. CABINET SHALL BE RECESSED IN STUD FRAMED WALL. SEE DETAIL 3/A506A.
- 11.01 UNDER COUNTER MEDICATION REFRIGERATOR, O.F.O.I., COORDINATE CLEARANCE REQUIREMENTS WITH OWNER. SEE ELECTRICAL DRAWINGS FOR POWER REQUIREMENT.
- 11.04 CEILING MOUNTED MEDGAS BOOM, PROVIDED AND INSTALLED BY OWNER'S VENDOR "GETINGO". PROVIDE STRUCTURAL SUPPORT. SEE STRUCTURAL PLUMBING AND ELECTRICAL DRAWINGS FOR MORE INFORMATION TO PROVIDE POWER DATA AND MEDGAS CONNECTIONS.
- 11.09 COMPUTER, NOT IN CONTRACT. OWNER FURNISHED OWNER INSTALLED.
- 11.13 TELEVISION (TV), MONITOR, NOT IN CONTRACT. OWNER FURNISHED CONTRACTOR INSTALLED. PROVIDE WALL MOUNTED METAL BRACKET TO SUPPORT THE TV. BRACKET SIZE AND MODEL SHALL BE BASED ON THE TV SIZE. PROVIDE PLYWOOD BACKING IN WALL AS REQUIRED TO SUPPORT THE TV BRACKET. PROVIDE POWER, DATA AND HDMI PORT. SEE ELECTRICAL DRAWINGS.
- 11.14 CLOCK, SEE ELECTRICAL DRAWINGS AND PROVIDE A JUNCTION BOX AT THIS LOCATION.
- 11.18 ANESTHESIA MACHINE, OWNER FURNISHED AND INSTALLED.
- 11.20 ACCUDOSE, OWNER FURNISHED AND INSTALLED. SEE ELECTRICAL DRAWINGS FOR POWER AND DATA REQUIREMENTS. EXISTING CAMERA AT THE CEILING FOR ACCUDOSE NEEDS TO BE REMOVED AND RE-INSTALLED AS REQUIRED.
- 12.07 COUNTERTOP, MONOLITHIC MATERIAL (SOLID SURFACE).
- 22.01 WATER CLOSET. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. SEE PLUMBING DRAWINGS.
- 22.02 LAVATORY (SINK), SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. SEE PLUMBING 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 A602A FOR WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

KEYED NOTES

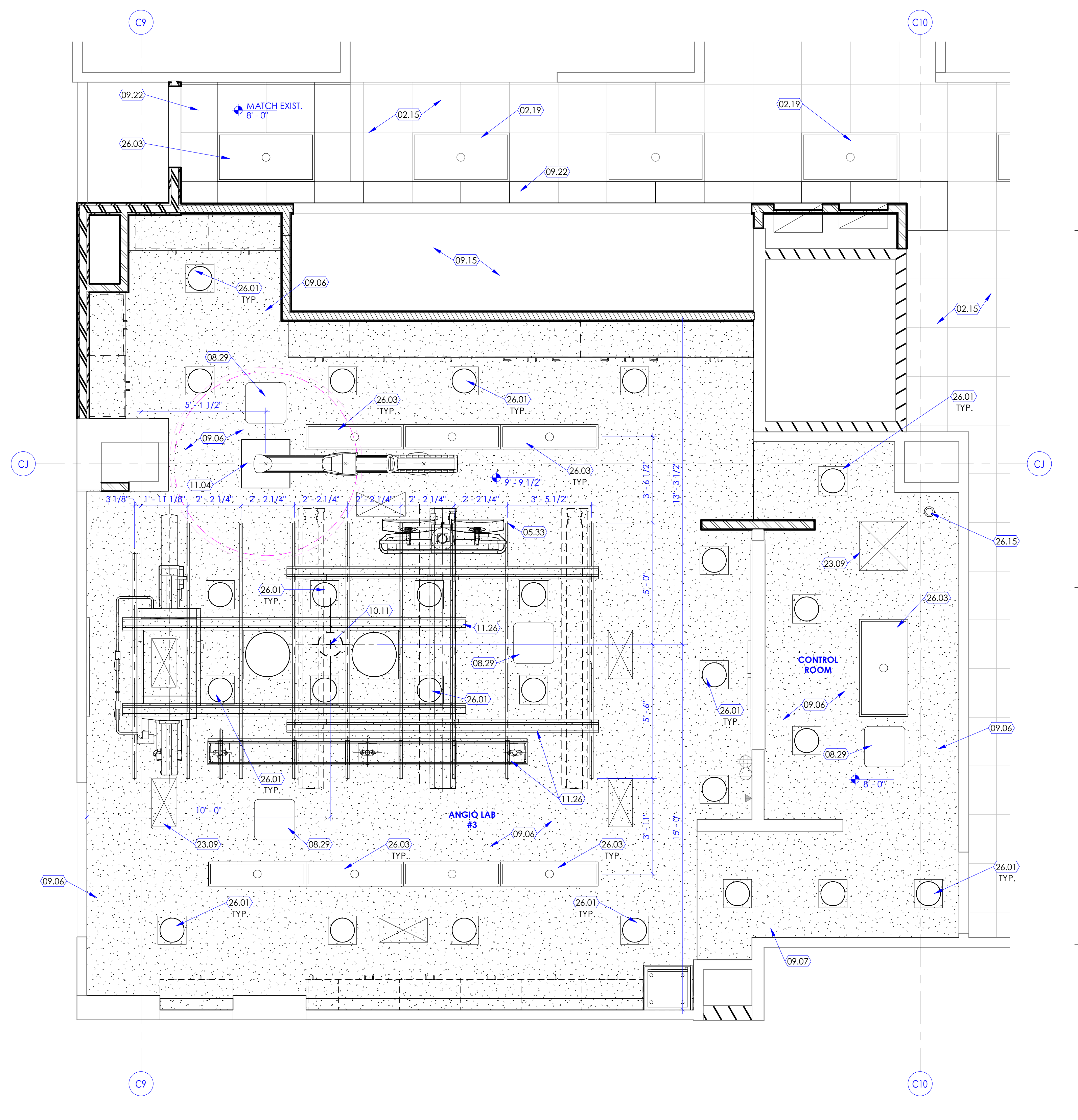
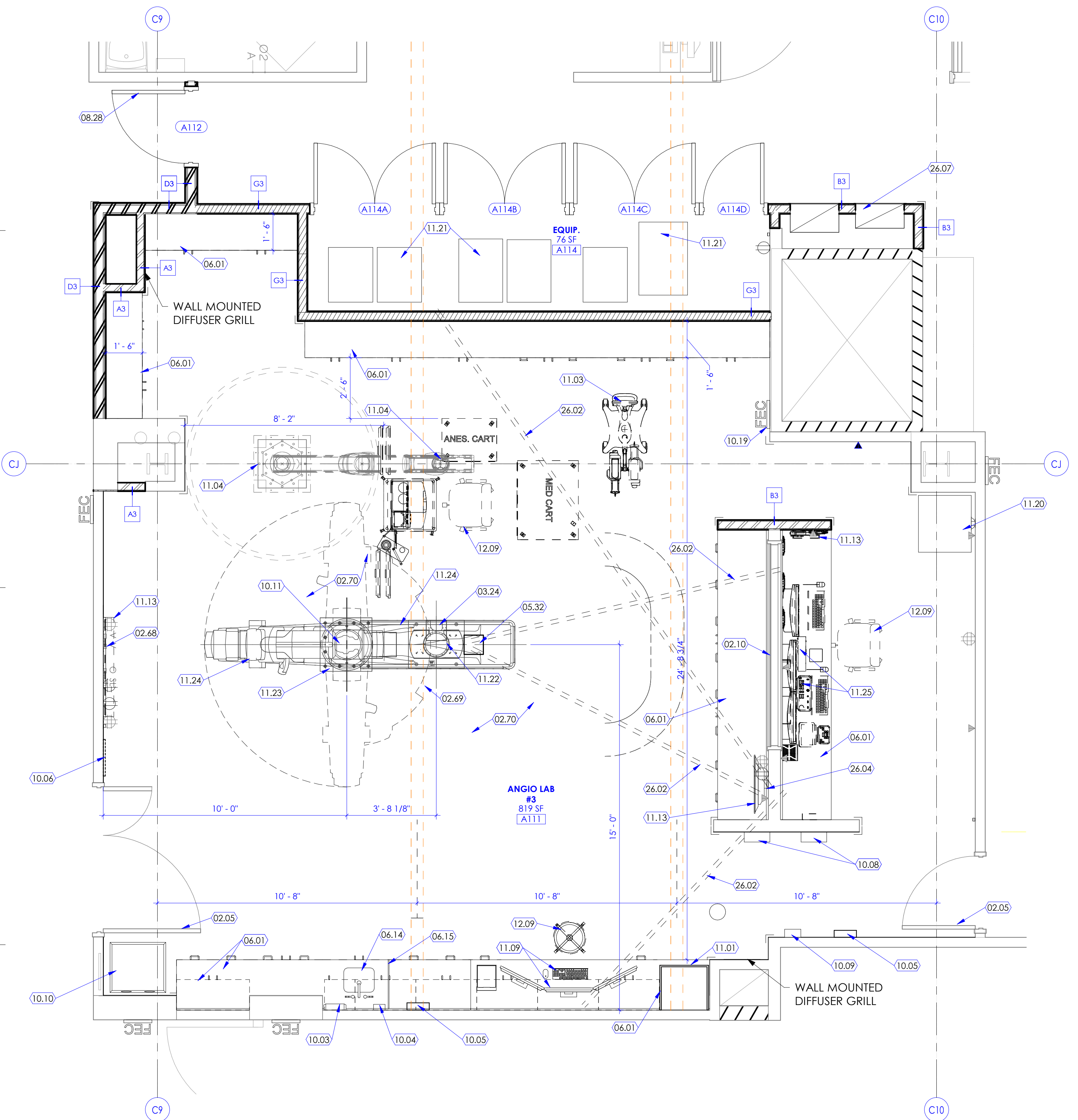
- 02.05 DOOR FRAME, HARDWARE EXISTING TO REMAIN. PROTECT DOOR FROM DAMAGE DURING CONSTRUCTION. DOORS IN THE SCAN ROOM ARE LEAD SHIELDED.
- 02.10 EXISTING LEAD SHIELDED WINDOW TO REMAIN. PROTECT DURING CONSTRUCTION.
- 02.15 CEILING, GRIDS, LIGHTS DIFFUSERS ETC EXISTING TO REMAIN IN THIS AREA. PROTECT FROM DAMAGE DURING CONSTRUCTION. REMOVE AND REINSTALL WHERE REQUIRED TO ACCOMPLISH ABOVE CEILING WORK DESCRIBED IN THE MECHANICAL, STRUCTURAL, PLUMBING OR ELECTRICAL DRAWINGS.
- 02.19 LIGHT FIXTURE, EXISTING TO REMAIN. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 02.68 EXISTING MED GAS TO REMAIN. SEE PLUMBING DRAWINGS.
- 02.69 DASHED LINE INDICATES EXISTING STRUCTURAL STEEL BEAM UNDER THE FLOOR SLAB TO REMAIN AND TO BE PROTECTED DURING CONSTRUCTION. FIELD VERIFY AND COORDINATE ALL CORE DRILLING AND ANCHORAGE IN THE PROXIMITY OF THE BEAM TO AVOID DAMAGE TO STRUCTURE. PATCH REPAIR ANY FIRE PROOFING THAT MAY COME OFF DURING CONSTRUCTION.
- 02.70 SEE PHILIPS EQUIPMENT DRAWINGS FOR FLOOR LEVELNESS TOLERANCE IN THIS AREA. USE SELF LEVELING COMPOUND IF REQUIRED.
- 03.24 CORE DRILL EXISTING CONCRETE FLOOR IN THIS AREA TO RUN CONDUIT FOR ELECTRICAL AND OTHER REQUIREMENTS. FIELD VERIFY EXISTING FLOOR BEAM LOCATION BEFORE CORE DRILLING TO AVOID DAMAGING BEAM. CONTACT STRUCTURAL ENGINEER AND ARCHITECT WITH ANY QUESTIONS. NOT ALL CORE DRILL LOCATIONS ARE SHOWN IN THIS PLAN. COORDINATE WITH ELECTRICAL, MECHANICAL, PLUMBING, STRUCTURAL AND PHILIPS DRAWINGS FOR MORE INFORMATION.
- 05.32 10'X10'X6" STAINLESS STEEL PEDESTAL BOX ANCHORED TO THE FLOOR WITH REMOVABLE COVER TO HOUSE POWER, DATA AND MEDGAS CONNECTIONS AS OUTLINED IN THE ELECTRICAL, MECHANICAL AND PHILIPS DRAWINGS. EXACT SIZE AND LOCATION TO BE COORDINATED WITH PHILIPS. CORE DRILL CONCRETE FLOOR TO RUN CONDUITS.
- 05.33 CEILING MOUNTED UNISTRUT SYSTEM TO SUPPORT NEW PHILIPS ANGIO EQUIPMENT. SEE STRUCTURAL AND VENDOR EQUIPMENT DRAWINGS. PROVIDE PVC CAPS WITH MATCHING HOSPITAL STANDARD COLOR WHERE UNISTRUTS ARE EXPOSED. BOTTOM OF UNISTRUT SHOULD BE 9'-9 5/16" FROM TOP OF CLEAN FLOOR PLATE. COORDINATE WITH PHILIPS FOR MORE INFORMATION AND ACCEPTABLE TOLERANCES.
- 06.01 CABINET, COUNTERTOP ETC. SEE CABINET LEGEND ON SHEET 1/A505A, AND INTERIOR ELEVATIONS, FOR CABINET TYPES SUCH AS BASE CABINETS, WALL CABINETS, TALL CABINETS, ETC.
- 06.14 PROVIDE 1/2" THICK SOLID SURFACE SPLASH GUARD AT THE SINK ATTACHED TO THE SOLID SURFACE COUNTERTOP.
- 06.15 RELOCATED EXISTING FIRE RATED DOOR, HARDWARE, KEYPAD ACCESS ON NEW DOOR HOLLOW METAL FRAME. SEE DOOR SCHEDULE.
- 08.29 18'X18' CEILING MOUNTED GASKETED GFRG ACCESS PANELS. FINISH AND PAINT TO MATCH WITH THE ADJACENT GYPSUM CEILING. COORDINATE EXACT LOCATION WITH OWNER AND VENDORS.
- 09.06 PAINTED GYPSUM BOARD CEILING. SEE DETAILS ON SHEET A503A. ALSO REFER TO FINISH PLANS.
- 09.07 FLOOR COVERING. SEE FINISH FLOOR PLANS FOR FLOOR COVERING INDICATED WITH A FLOOR FINISH TAG (AS F1, F2, F3, ETC.). SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH FLOOR FINISH TAG.
- 09.15 STEEL COMPONENTS OF FLOOR STRUCTURE (AND/OR ROOF WHERE OCCURS) SHALL BE EXPOSED. NO CEILING OR PAINTING IS REQUIRED.
- 09.22 REMOVE, MODIFY AND REINSTALL EXISTING CEILING TILES ON NEW CEILING GRIDS IN THIS AREA TO MATCH ADJACENT EXISTING. PROVIDE NEW TILES WHERE DAMAGED.
- 10.03 PAPER TOWEL DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING IN WALL AS REQUIRED. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 10.04 SOAP DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING FOR ALL OWNER FURNISHED ITEMS. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 10.05 GLOVE DISPENSER, O.F.C.I.
- 10.06 PATIENT TRANSFER BOARD, O.F.C.I.
- 10.08 SHARPS CONTAINER, O.F.C.I.
- 10.09 AVA GUARD, O.F.C.I.
- 10.10 GARBAGE CAN, O.F.C.I.
- 10.11 PHILIPS EQUIPMENT ISO CENTER. SEE EQUIPMENT DRAWINGS FROM OWNERS VENDOR PHILIPS.
- 10.19 FIRE PROTECTION CABINET FOR STORING PORTABLE FIRE EXTINGUISHERS. CABINET SHALL BE RECESSED IN STUD FRAMED WALL. SEE DETAIL 3/A506A.
- 11.01 UNDER COUNTER MEDICATION REFRIGERATOR, O.F.C.I. COORDINATE CLEARANCE REQUIREMENTS WITH OWNER. SEE ELECTRICAL DRAWINGS FOR POWER REQUIREMENT.
- 11.03 PHILIPS PORTABLE INJECTOR, O.F.O.J. PROVIDE POWER. SEE ELECTRICAL DRAWINGS.
- 11.04 CEILING MOUNTED MEDGAS BOOM, PROVIDED AND INSTALLED BY OWNER'S VENDOR "GETING". PROVIDE STRUCTURAL SUPPORT. SEE STRUCTURAL, PLUMBING AND ELECTRICAL DRAWINGS FOR MORE INFORMATION TO PROVIDE POWER DATA AND MEDGAS CONNECTIONS.
- 11.09 COMPUTER, NOT IN CONTRACT. OWNER FURNISHED OWNER INSTALLED.
- 11.13 TELEVISION (TV), MONITOR, NOT IN CONTRACT. OWNER FURNISHED CONTRACTOR INSTALLED. PROVIDE WALL MOUNTED METAL BRACKET TO SUPPORT THE TV. BRACKET SIZE AND MODEL SHALL BE BASED ON THE TV SIZE. PROVIDE PLYWOOD BACKING IN WALL AS REQUIRED TO SUPPORT THE TV BRACKET. PROVIDE POWER, DATA AND HDMI PORT. SEE ELECTRICAL DRAWINGS.
- 11.20 ACCUDOSE, OWNER FURNISHED AND INSTALLED. SEE ELECTRICAL DRAWINGS FOR POWER AND DATA REQUIREMENTS. EXISTING CAMERA AT THE CEILING FOR ACCUDOSE NEEDS TO BE REMOVED AND RE-INSTALLED AS REQUIRED. EQUIPMENT PROVIDED AND INSTALLED BY OWNER'S VENDOR PHILIPS. SEE ELECTRICAL DRAWINGS FOR ALL POWER, DATA AND CONDUIT REQUIREMENTS. CONTACT PHILIPS FOR MORE INFORMATION AND CLEARANCE REQUIREMENTS.
- 11.22 SWIVEL FLOOR METAL PLATE FOR PATIENT TABLE RECESSED INTO THE CONCRETE SLAB. SEE STRUCTURAL AND PHILIPS DRAWINGS FOR ANCHORAGE REQUIREMENTS. PLATE PROVIDED BY PHILIPS. COORDINATE LOCATION OF THE EXISTING FLOOR BEAM BELOW FOR ANCHORAGE BEFORE PROCEEDING WITH THE WORK.

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 A602A FOR WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.
- 11.23 FLOOR CLEA FLOOR METAL PLATE FOR FLOOR MOUNTED C-ARM RECESSED INTO THE CONCRETE SLAB. SEE STRUCTURAL AND PHILIPS DRAWINGS FOR ANCHORAGE REQUIREMENTS. PLATE PROVIDED BY PHILIPS.
- 11.24 PHILIPS BI-PLANE FLOOR AND CEILING MOUNTED ANGIO EQUIPMENT. SEE PHILIPS EQUIPMENT DRAWINGS ON EQ SHEETS FOR MORE INFORMATION. EQUIPMENT PROVIDED AND INSTALLED BY OWNER'S VENDOR.
- 11.25 PHILIPS ANGIO COMPUTER, MONITOR AND OTHER DEVICES, PROVIDED AND INSTALLED BY OWNERS VENDOR PHILIPS. SEE EQUIPMENT DRAWINGS FOR MORE INFORMATION. SEE ELECTRICAL DRAWINGS FOR POWER, DATA AND CONDUIT REQUIREMENTS.
- 11.26 ALUMINUM CEILING RAILS ANCHORED TO UNISTRUT SYSTEM TO SUPPORT PHILIPS CEILING MOUNTED ANGIO EQUIPMENT. ALUMINUM RAILS TO BE PROVIDED AND INSTALLED BY PHILIPS. COORDINATE WITH PHILIPS EQUIPMENT DRAWINGS FOR ALL REQUIREMENTS.
- 12.09 FURNITURE, NOT IN CONTRACT. OWNER FURNISHED OWNER INSTALLED.
- 23.09 MECHANICAL DIFFUSER. SEE MECHANICAL DRAWINGS.
- 26.01 DIMMABLE LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS FOR POWER, DATA AND CONDUIT REQUIREMENTS. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION AND REQUIREMENTS.
- 26.02 ELECTRICAL CONDUIT, SHOWN FOR REFERENCE AND DOES NOT REPRESENT ALL CONDUITS REQUIRED IN THE PROJECT. SEE ELECTRICAL AND PHILIPS VENDOR DRAWINGS FOR MORE INFORMATION AND REQUIREMENTS.
- 26.03 LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.
- 26.04 MONITOR OUTLETS.
- 26.07 NEW ISOLATION PANEL. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 26.15 CEILING MOUNTED SECURITY CAMERA. SEE ELECTRICAL DRAWINGS.

NJRA ARCHITECTS

NJRA Architects, Inc.
5272 S. College Drive, Suite 104
Murray, Utah 84123
801.364.9259
www.njraarchitects.com



1 Enlarged Floor Plan - Angio Lab #3
SCALE: 3/8" = 1'-0"

2 Enlarged Reflected Ceiling Plan - Angio Lab #3
SCALE: 3/8" = 1'-0"

Intermountain Health
Intermountain Medical Center
Angio Lab #3 Remodel Project

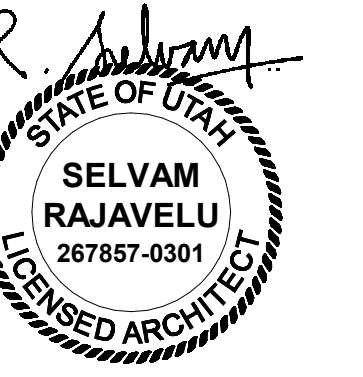
5121 South Cottonwood Street
Murray, UT 84107

NJRA Project # 22247.00
Construction Documents June 30, 2023

Enlarged Views

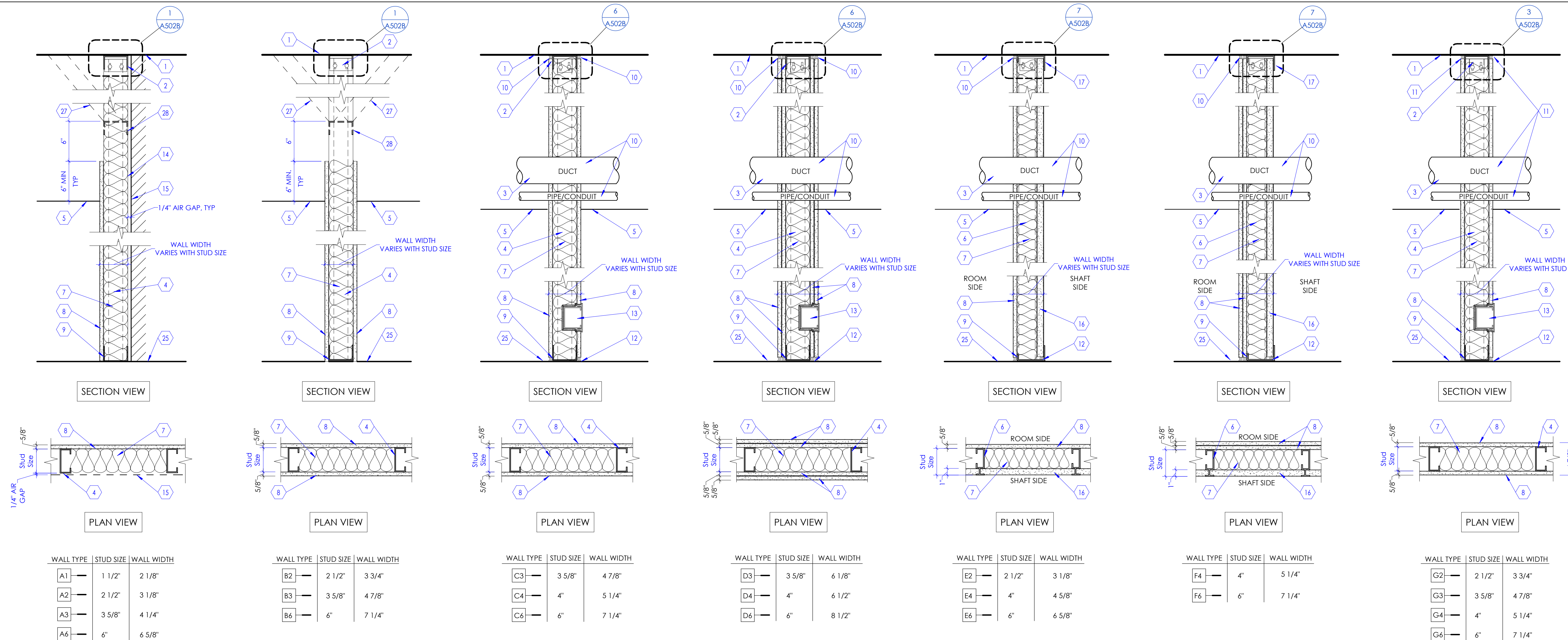
A401

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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 9 / A502B
- STUD FRAMING AROUND DUCT OPENINGS. SEE DETAIL 11 / A502A
- METAL STUDS, 20 GA STRUCTURAL (35 MILS) AT 16" O.C. U.N.O. 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-H SHAPED, 20 GA STRUCTURAL 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', U.N.O. 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, Z 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.
- 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 1/4" RADIUS ROUNDED EDGE, CONTINUOUS.
- METAL STUDS 16 GA STRUCTURAL (35 MIL) 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.



Type - A
Metal Stud
Furring Wall

Type - B
Typical Metal
Stud Wall

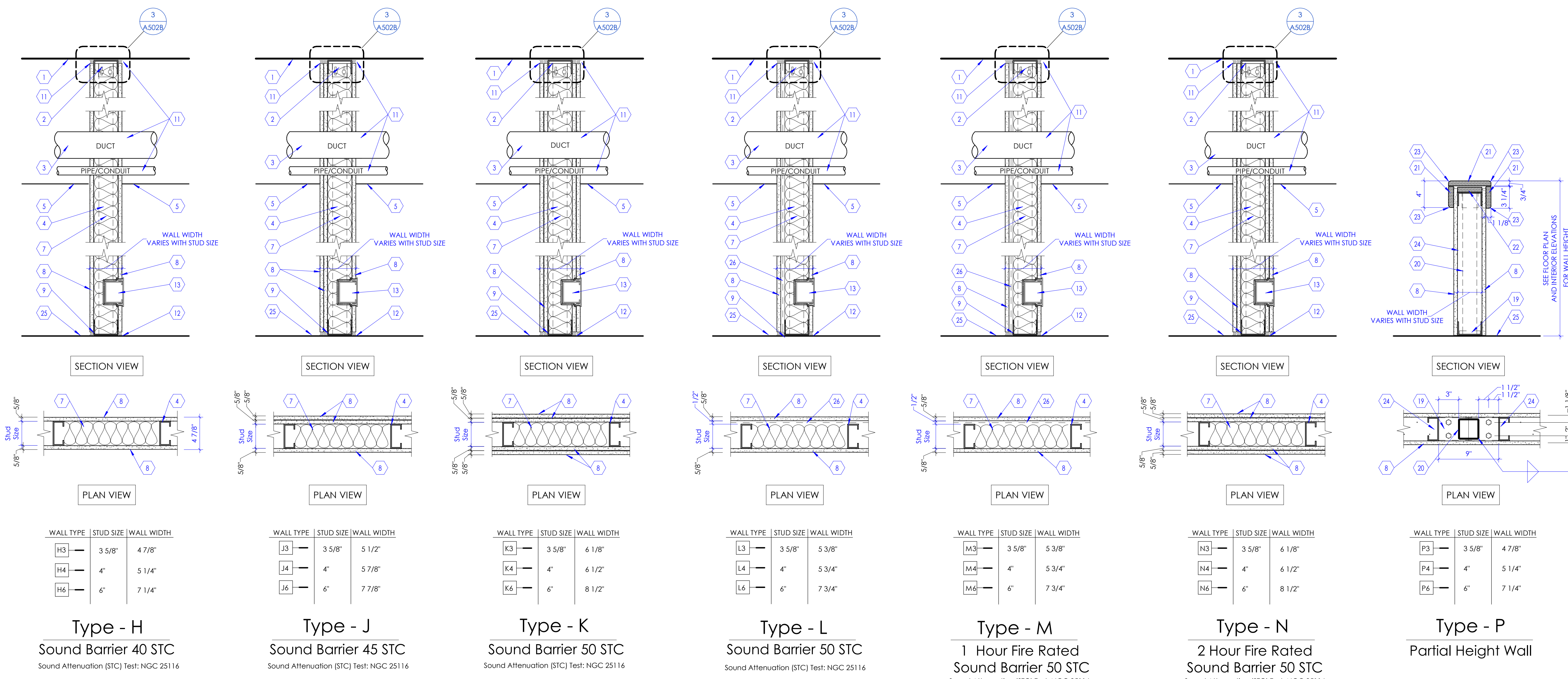
Type - C
1 Hour Fire Rated
UL DESIGN #: U465

Type - D
2 Hour Fire Rated
UL DESIGN #: U411

Type - E
1 Hour Fire Rated
Shaft Wall
UL DESIGN #: U415 SYS. A

Type - F
2 Hour Fire Rated
Shaft Wall
UL DESIGN #: U415 SYS. A

Type - G
Smoke Partition



Type - H
Sound Barrier 40 STC
Sound Attenuation (STC) Test: NGC 25116

Type - J
Sound Barrier 45 STC
Sound Attenuation (STC) Test: NGC 25116

Type - K
Sound Barrier 50 STC
Sound Attenuation (STC) Test: NGC 25116

Type - L
Sound Barrier 50 STC
Sound Attenuation (STC) Test: NGC 25116

Type - M
1 Hour Fire Rated
Sound Barrier 50 STC
Sound Attenuation (STC) Test: NGC 25116

Type - N
2 Hour Fire Rated
Sound Barrier 50 STC
Sound Attenuation (STC) Test: NGC 25116

Type - P
Partial Height Wall

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 5/8" 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 6" OR 8", 20 GAUGE METAL STUDS FOR FRAMING IN LIEU OF 5/8" 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 #6 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, TO 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 BACKING IS REQUIRED IN WALLS TO SUPPORT WALL HUNG EQUIPMENT, CABINETS, ETC., PROVIDE BACKING IN WALL PER DETAILS 5 / A502A AND 13 / A502A

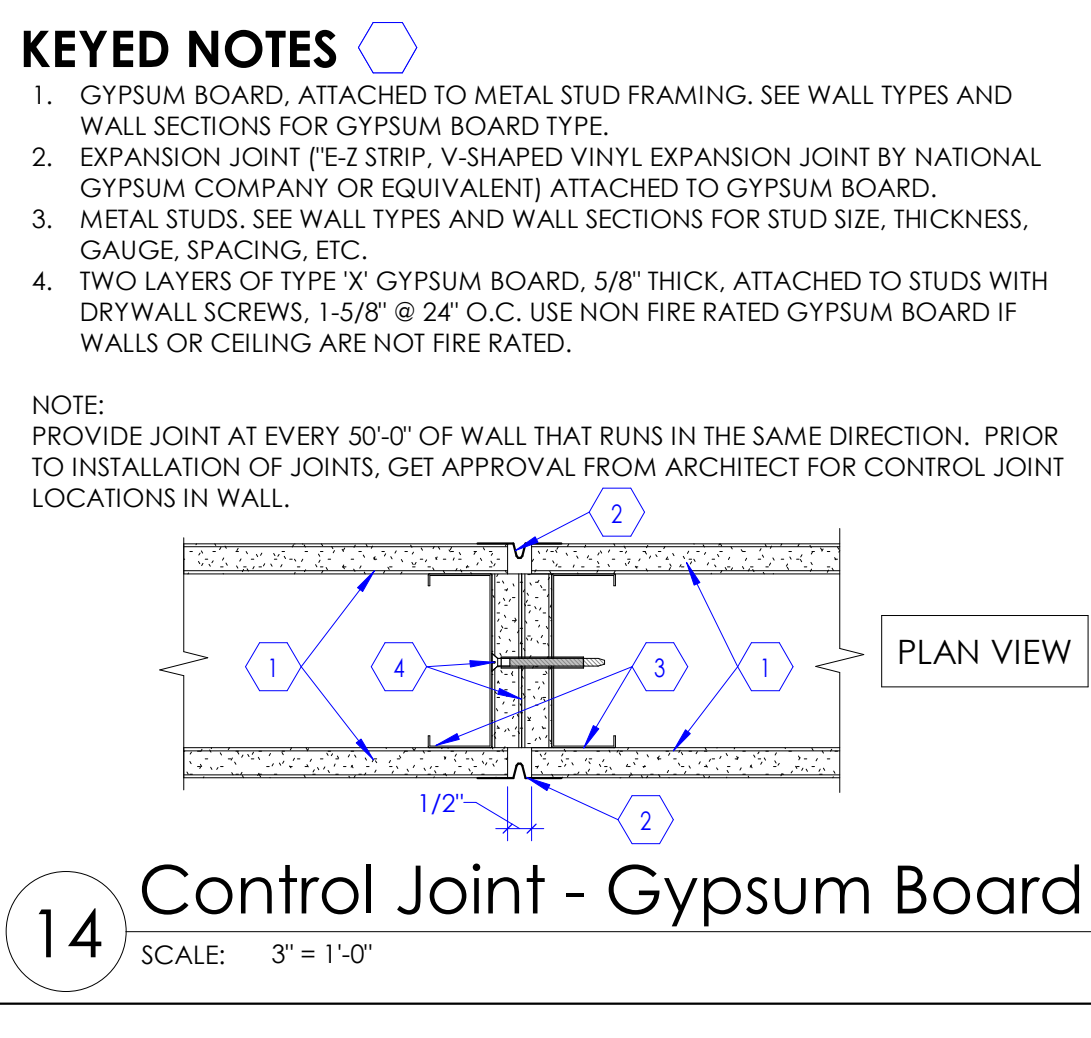
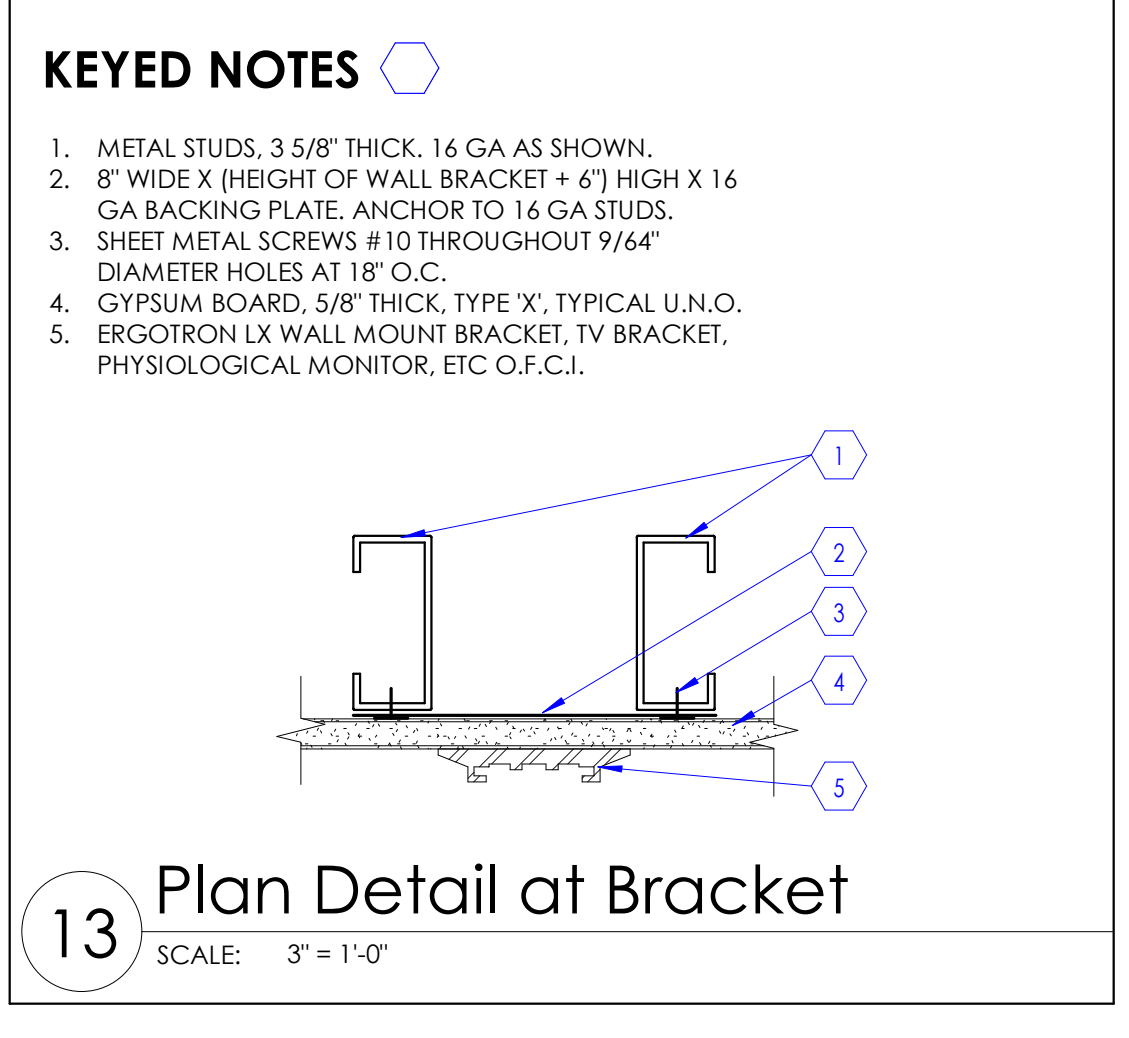
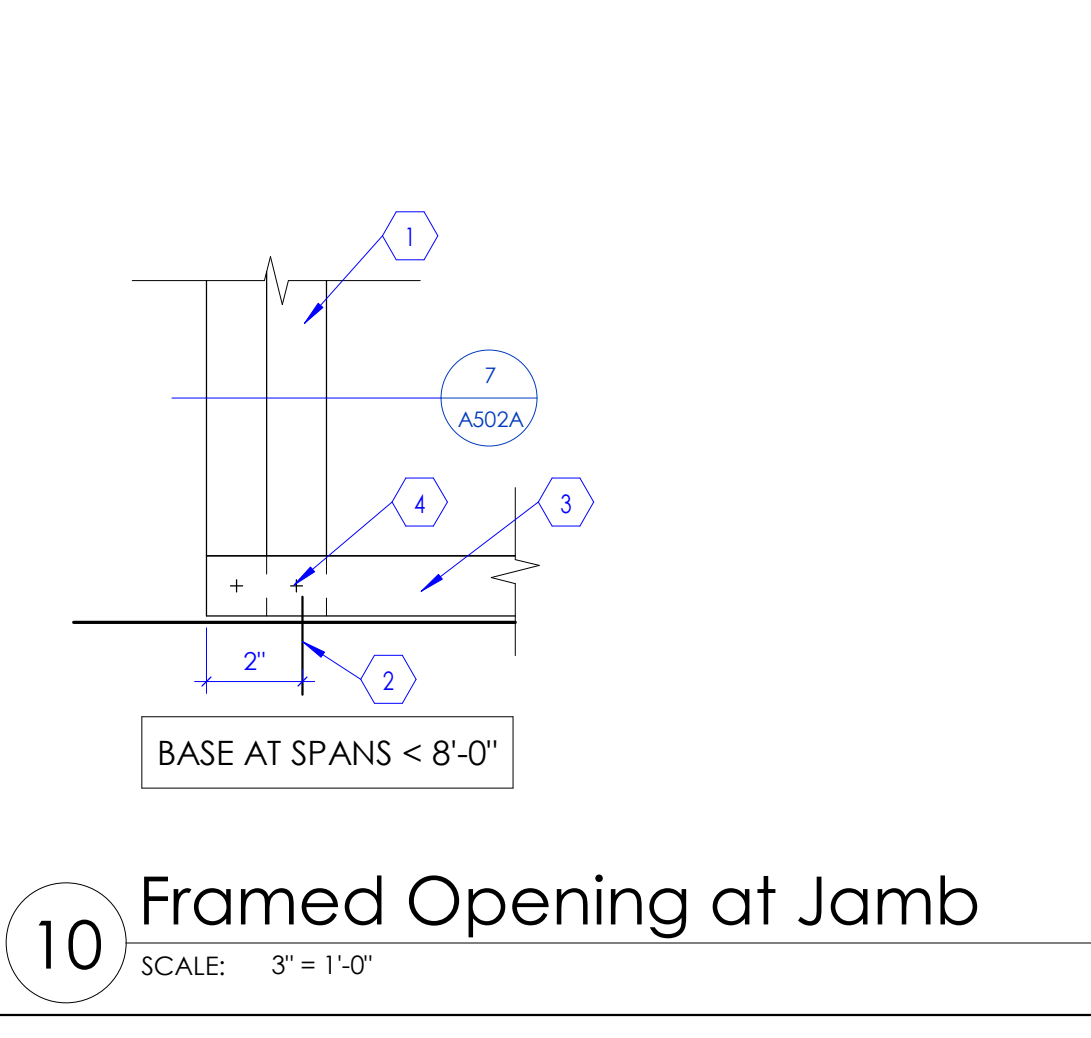
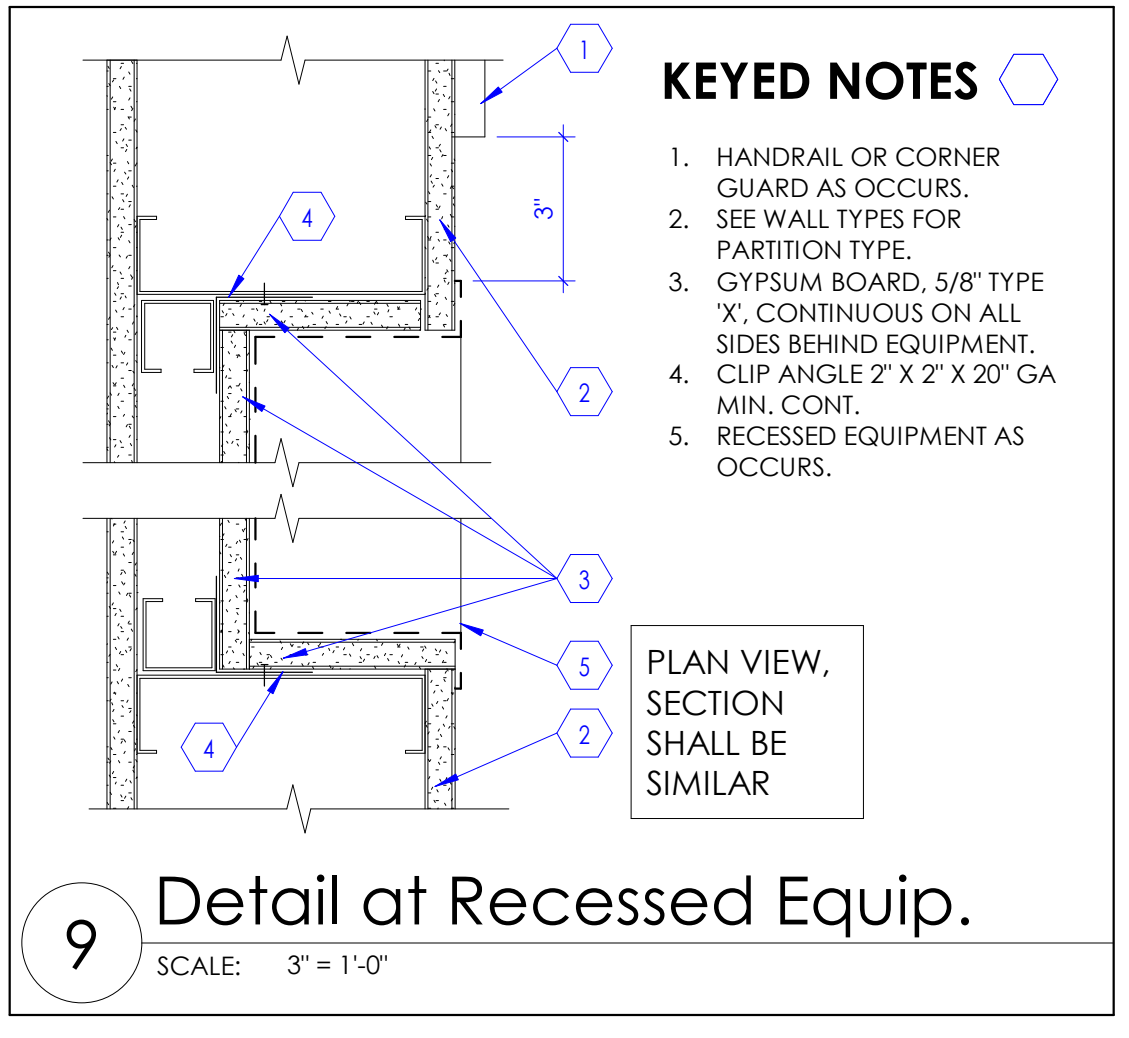
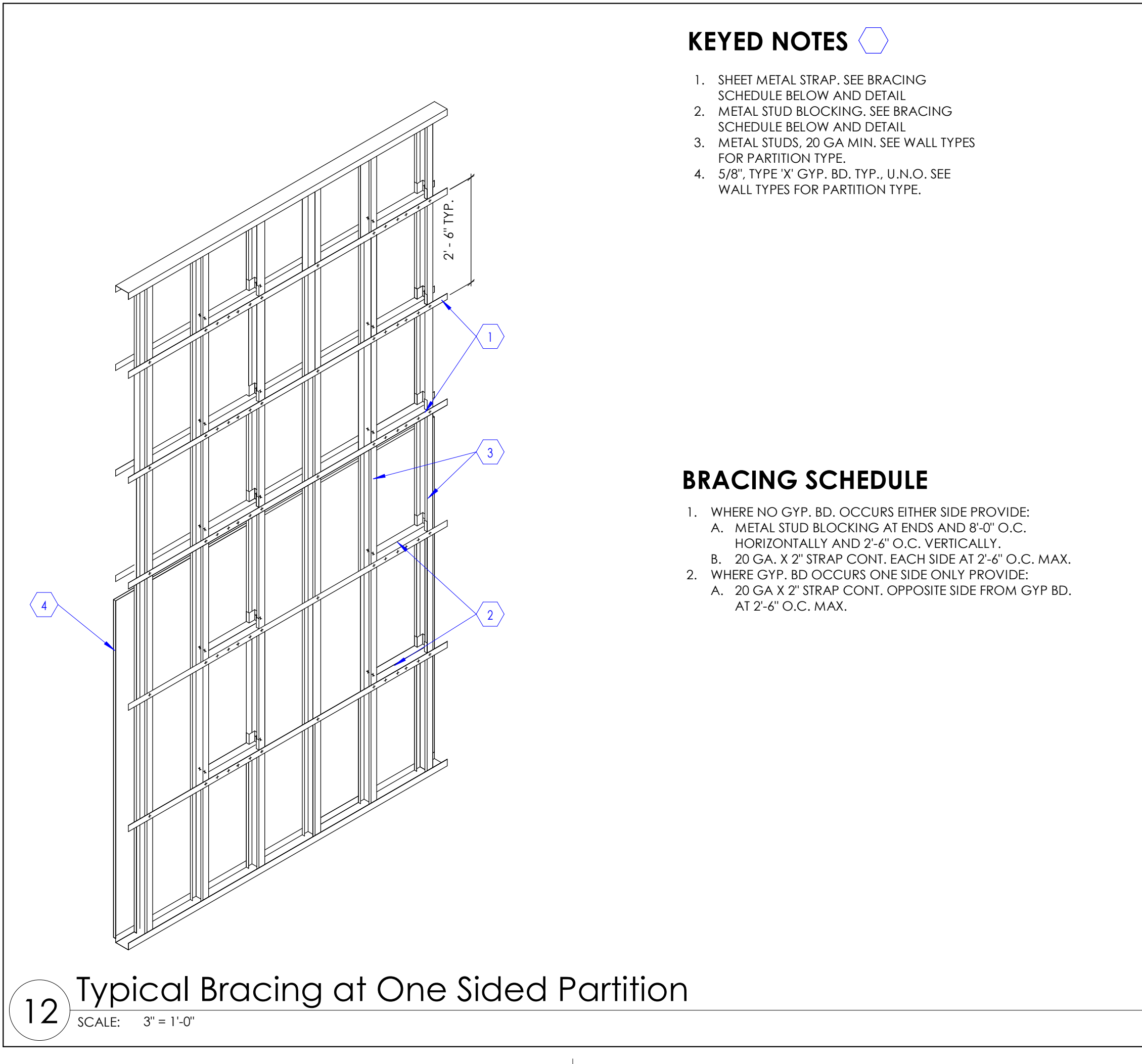
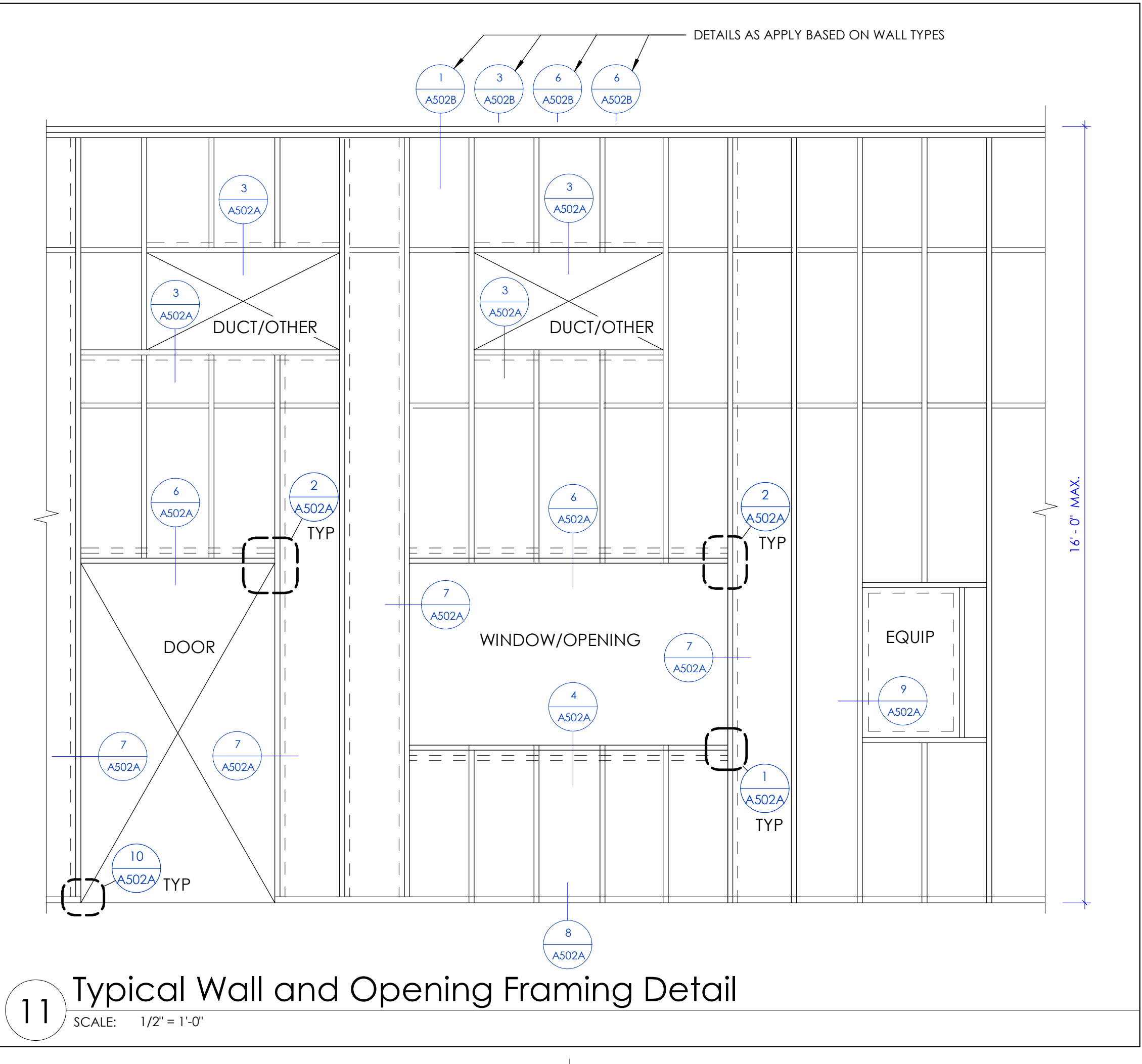
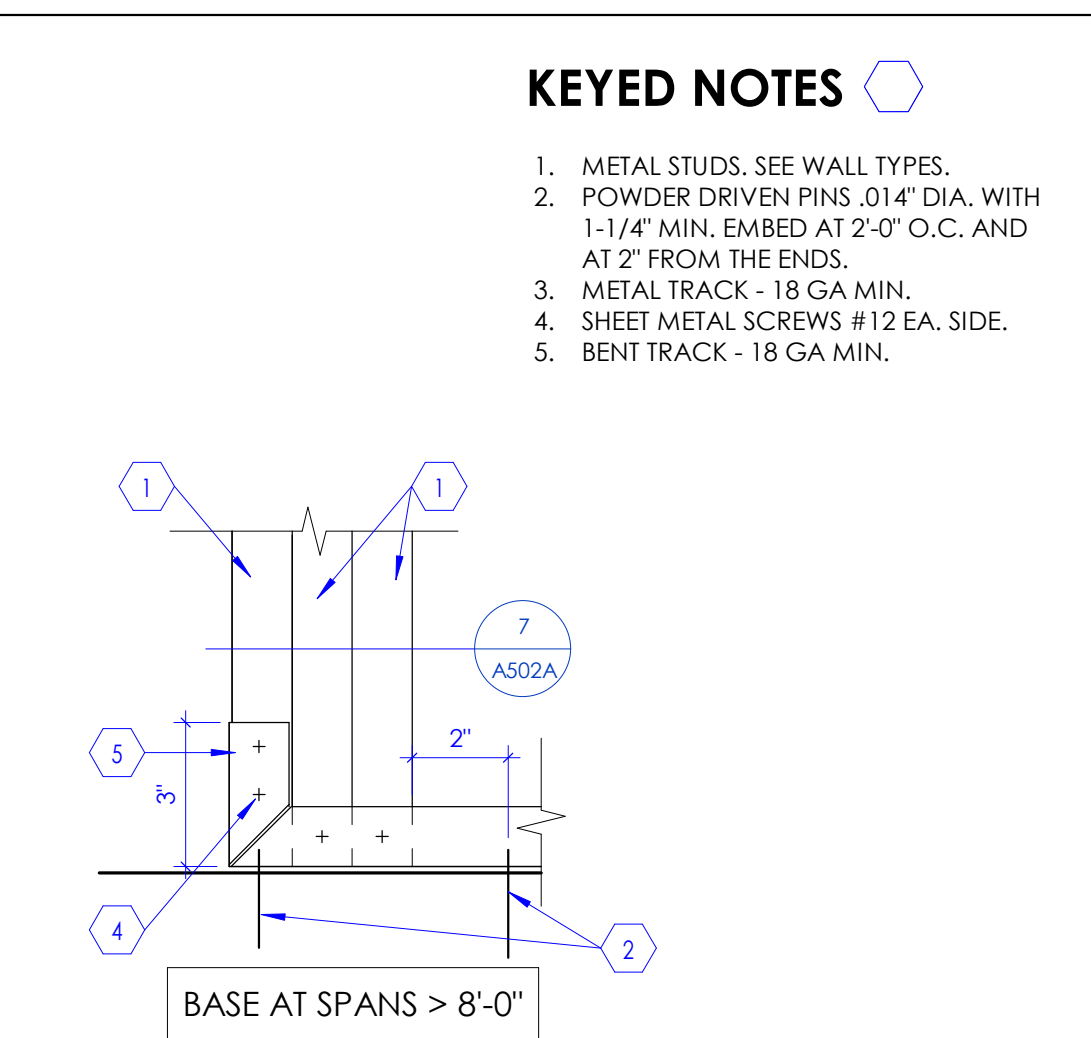
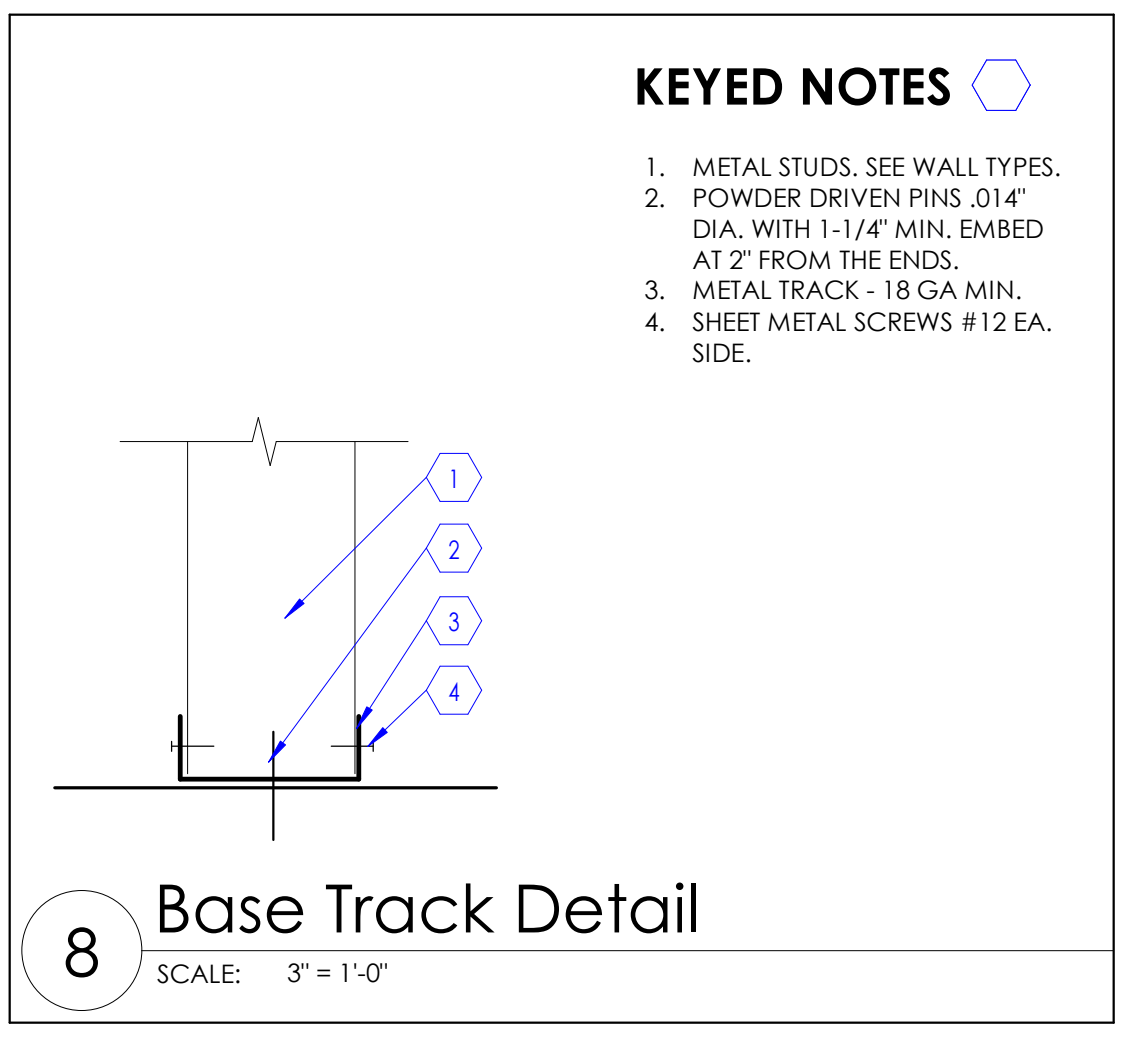
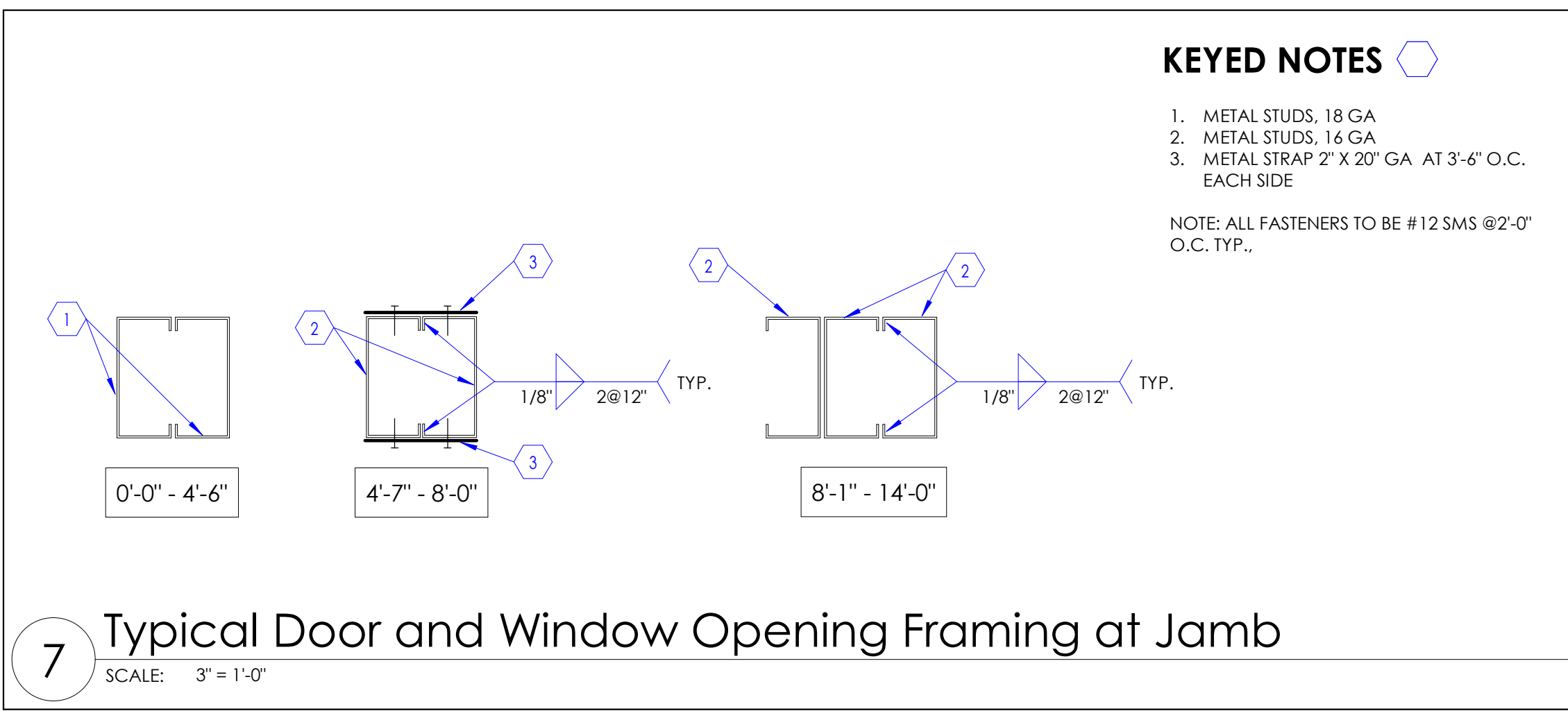
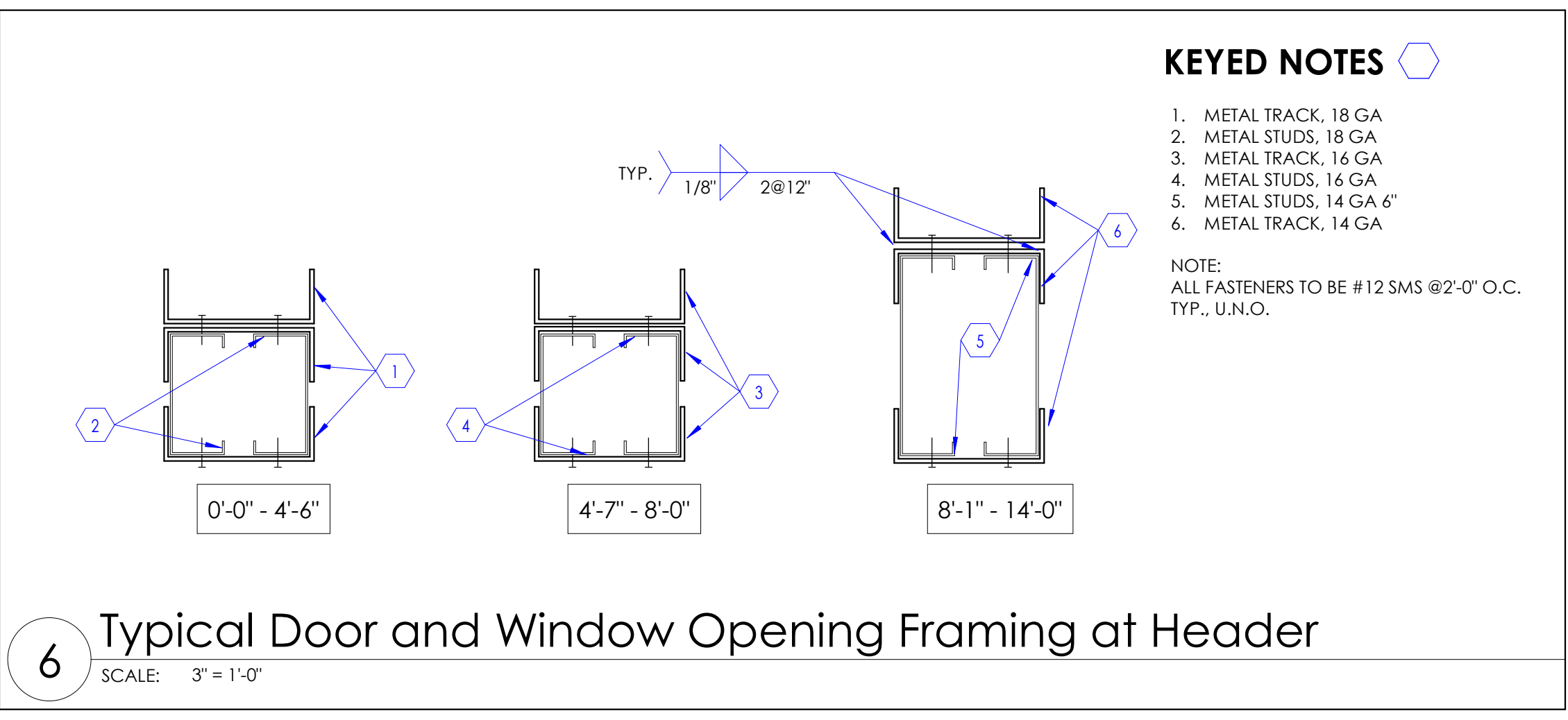
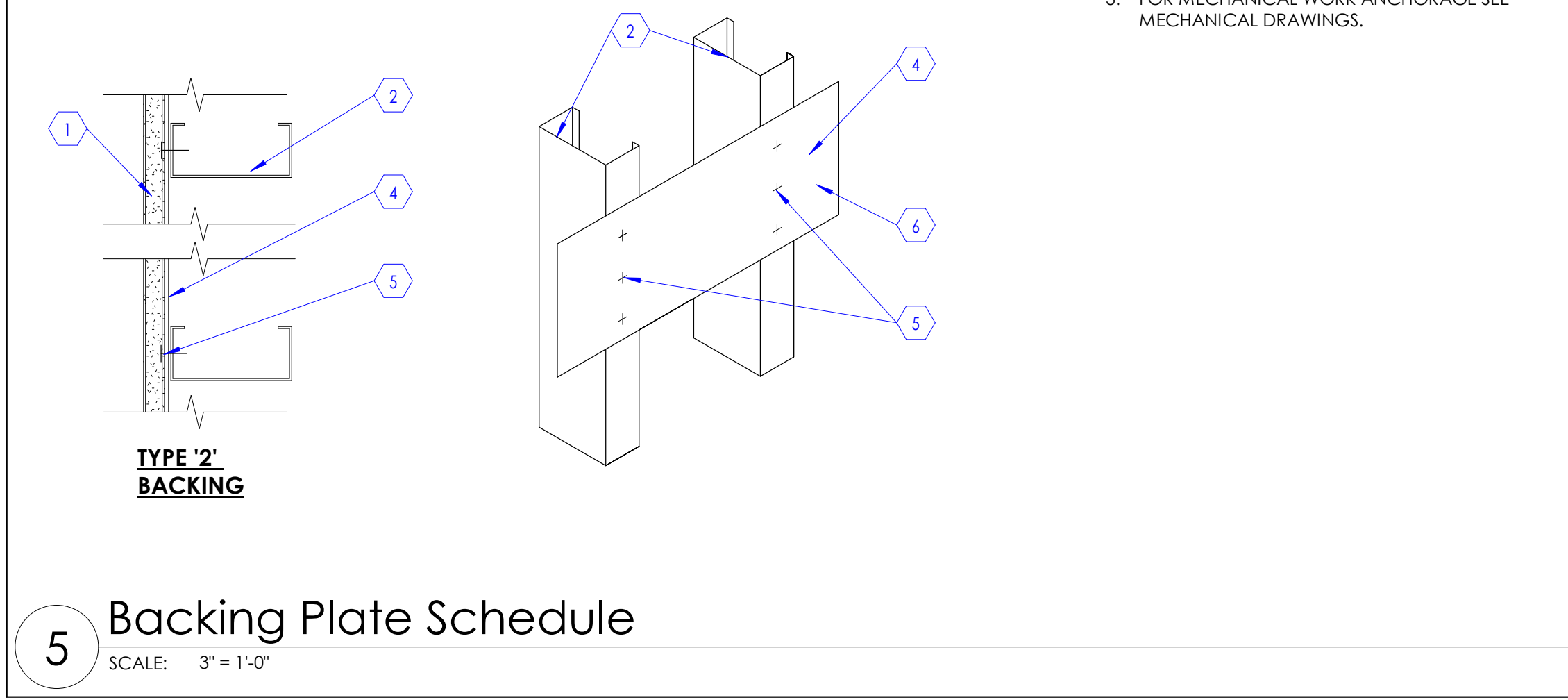
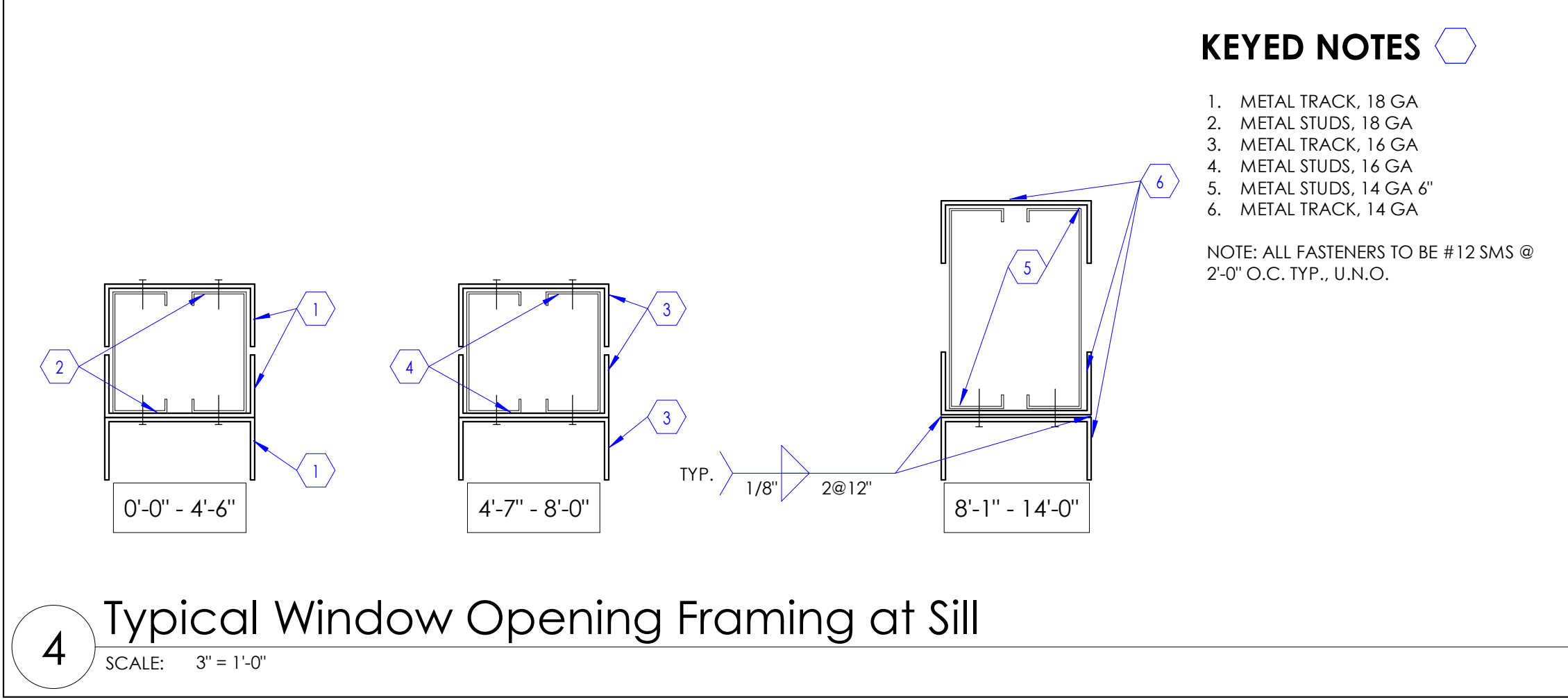
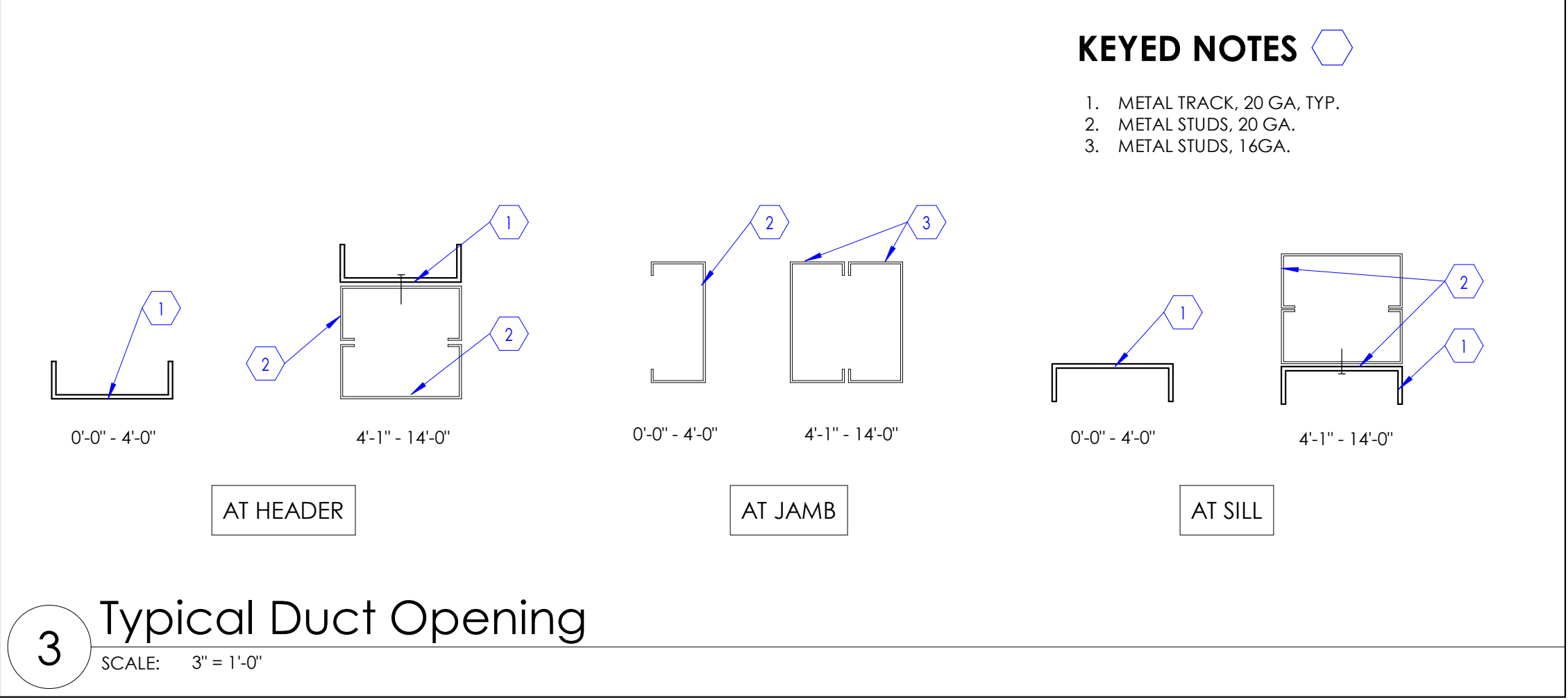
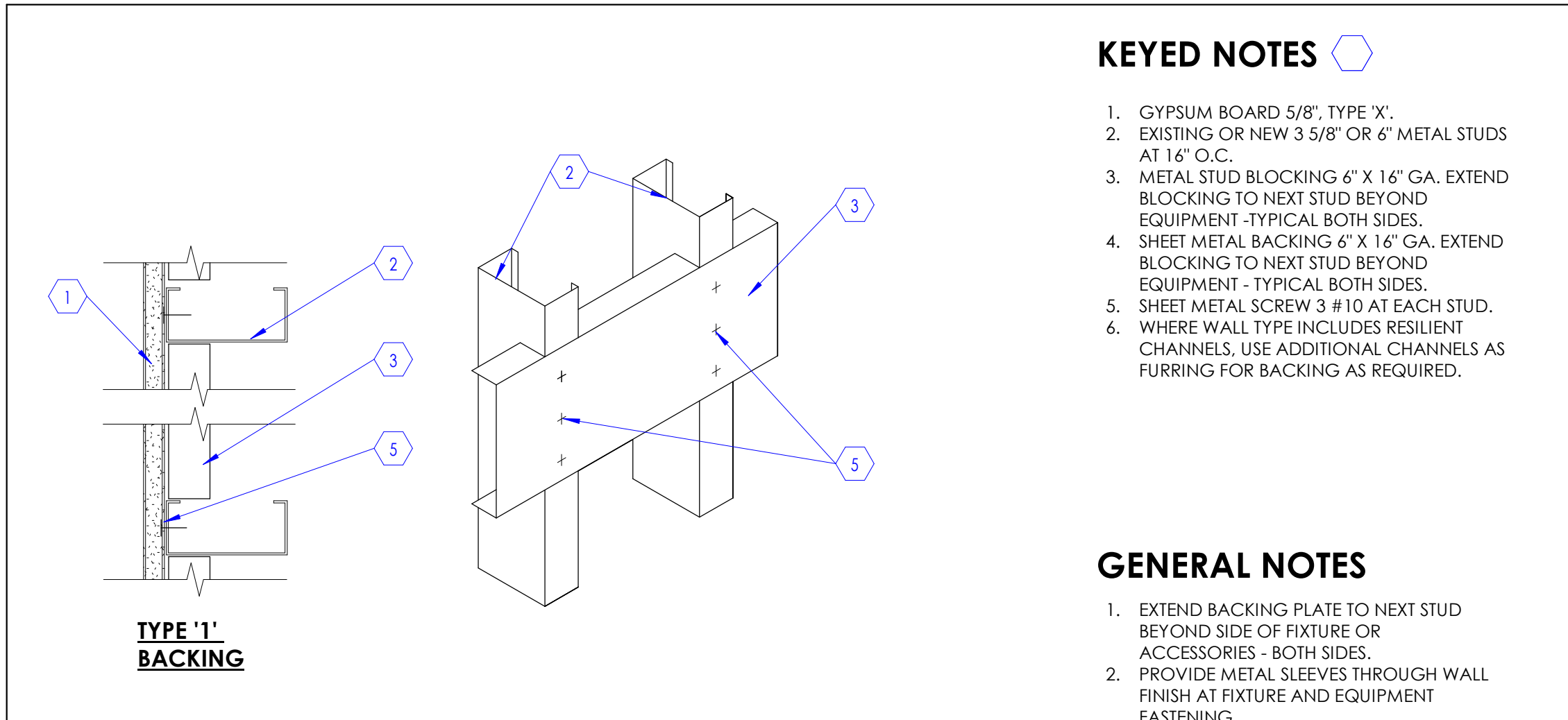
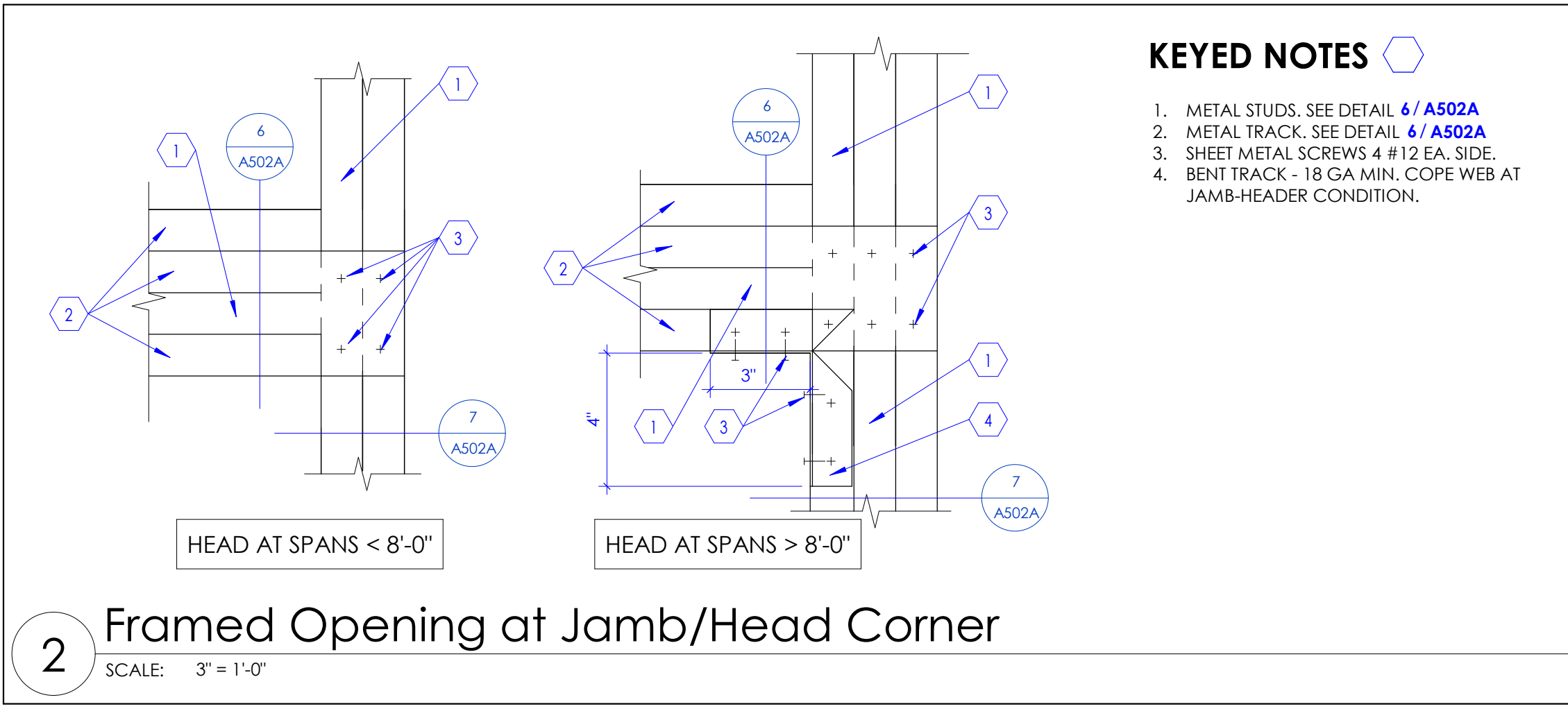
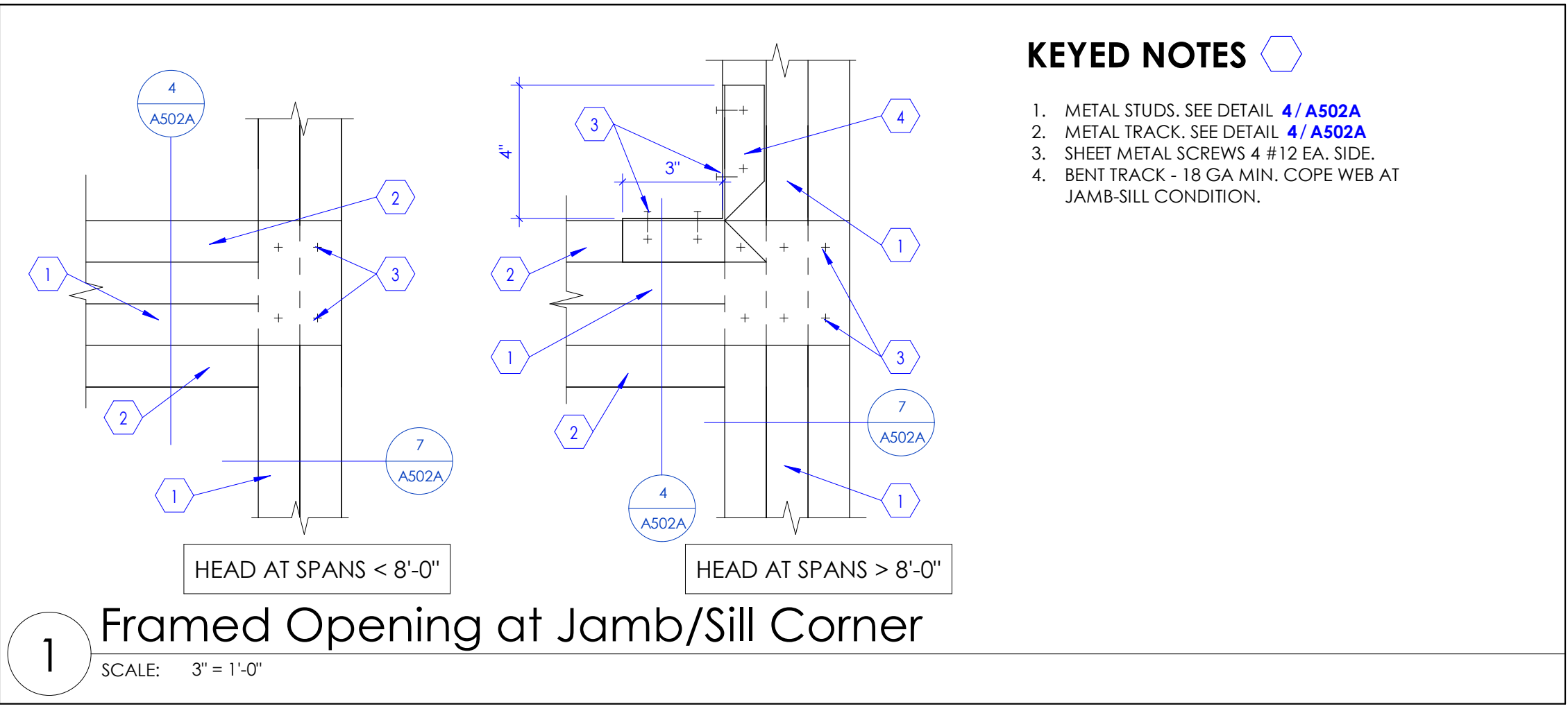
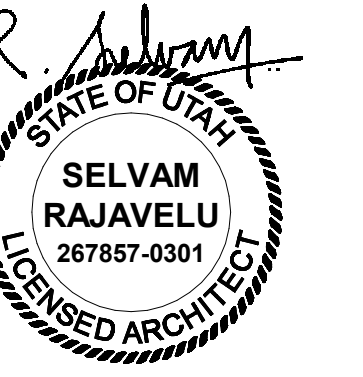
Intermountain Health
 Intermountain Medical Center
 Angio Lab #3 Remodel Project

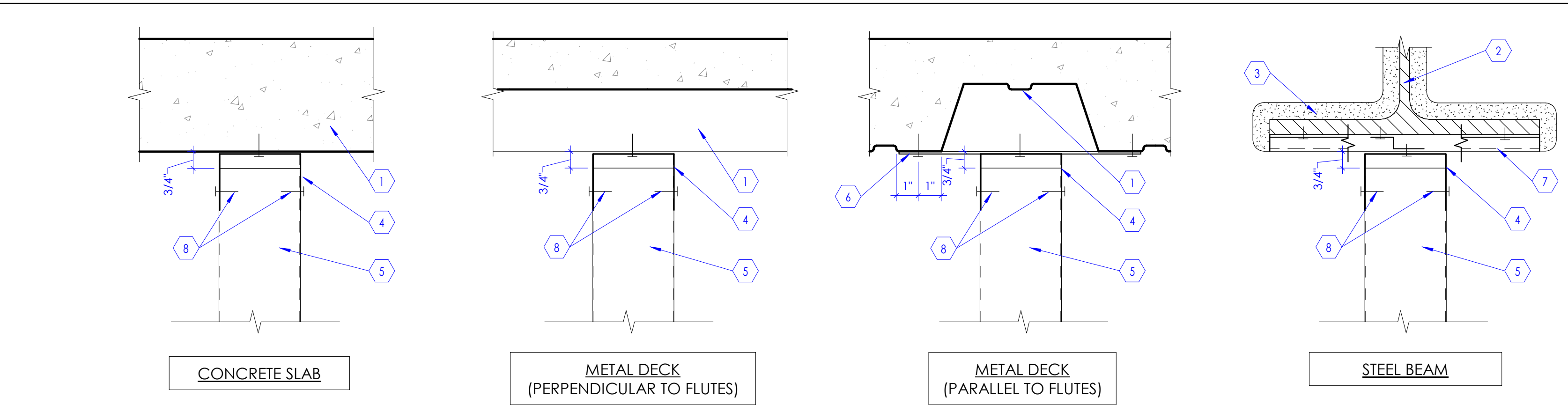
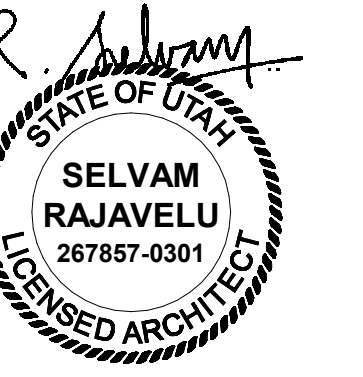
5121 South Cottonwood Street
 Murray, UT 84107

NJRA Project # 22247.00
Construction Documents June 30, 2023

Wall Types

A501A

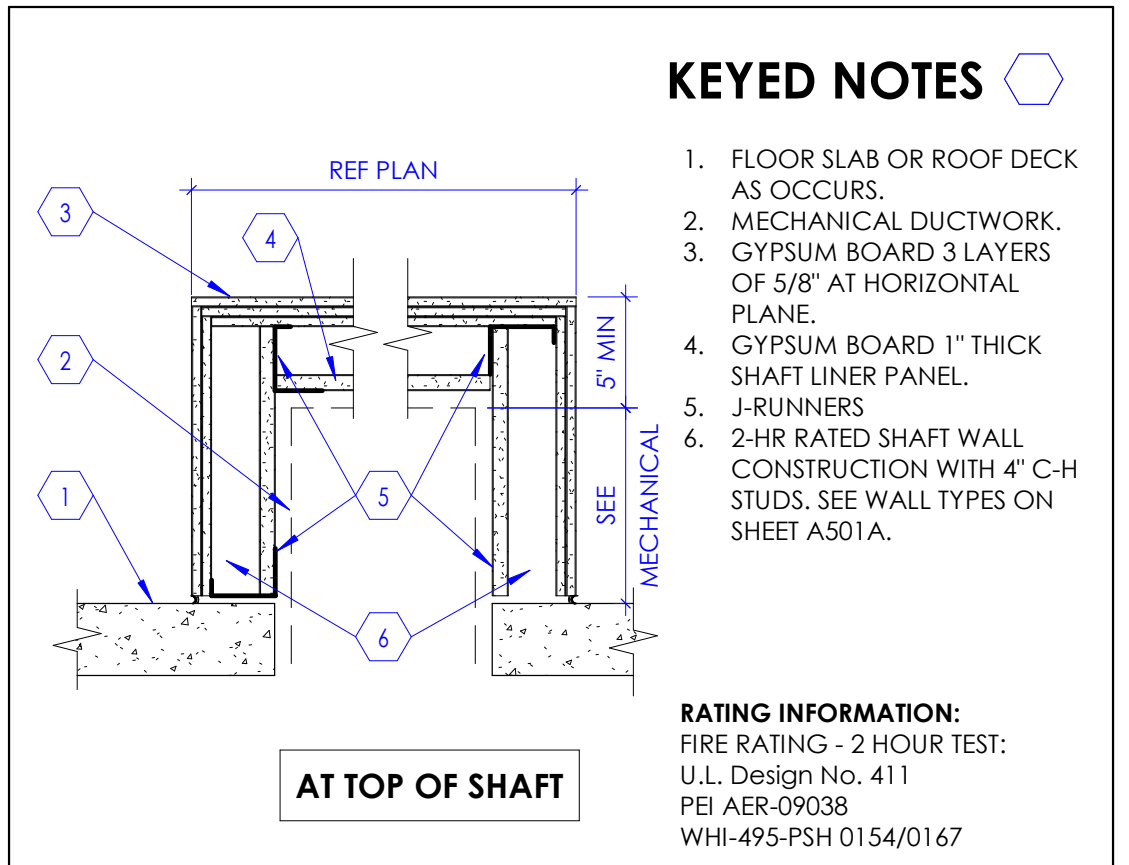




KEYED NOTES

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

1 Head Condition at Non Fire Rated, Non Smoke Rated and Non Sound Barrier Partitions
SCALE: 3" = 1'-0"

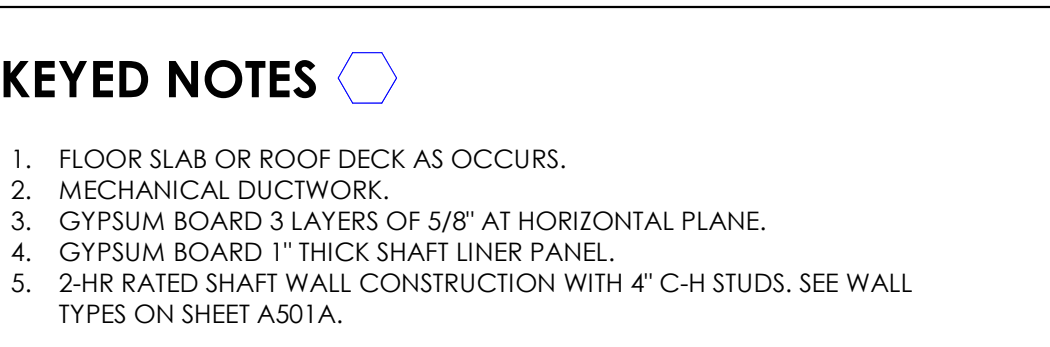


KEYED NOTES

- FLOOR SLAB OR ROOF DECK AS OCCURS.
- MECHANICAL DUCTWORK.
- GYPSON BOARD 3 LAYERS OF 5/8" AT HORIZONTAL PLANE.
- GYPSON BOARD 1" THICK SHAFT LINER PANEL.
- J-RUNNERS
- 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 2-HR Enclosure at Top of Shaft
SCALE: 1" = 1'-0"

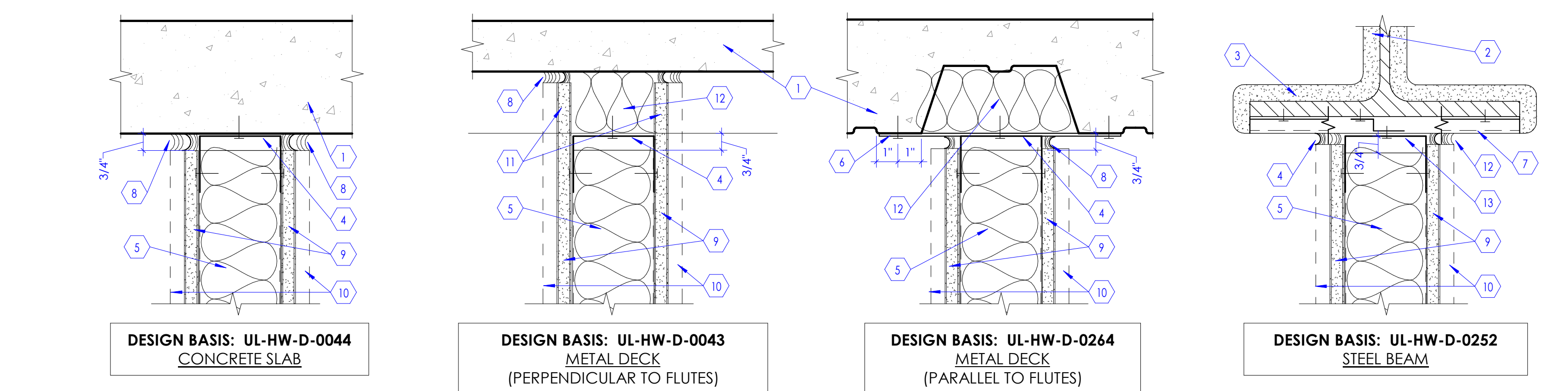


KEYED NOTES

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

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

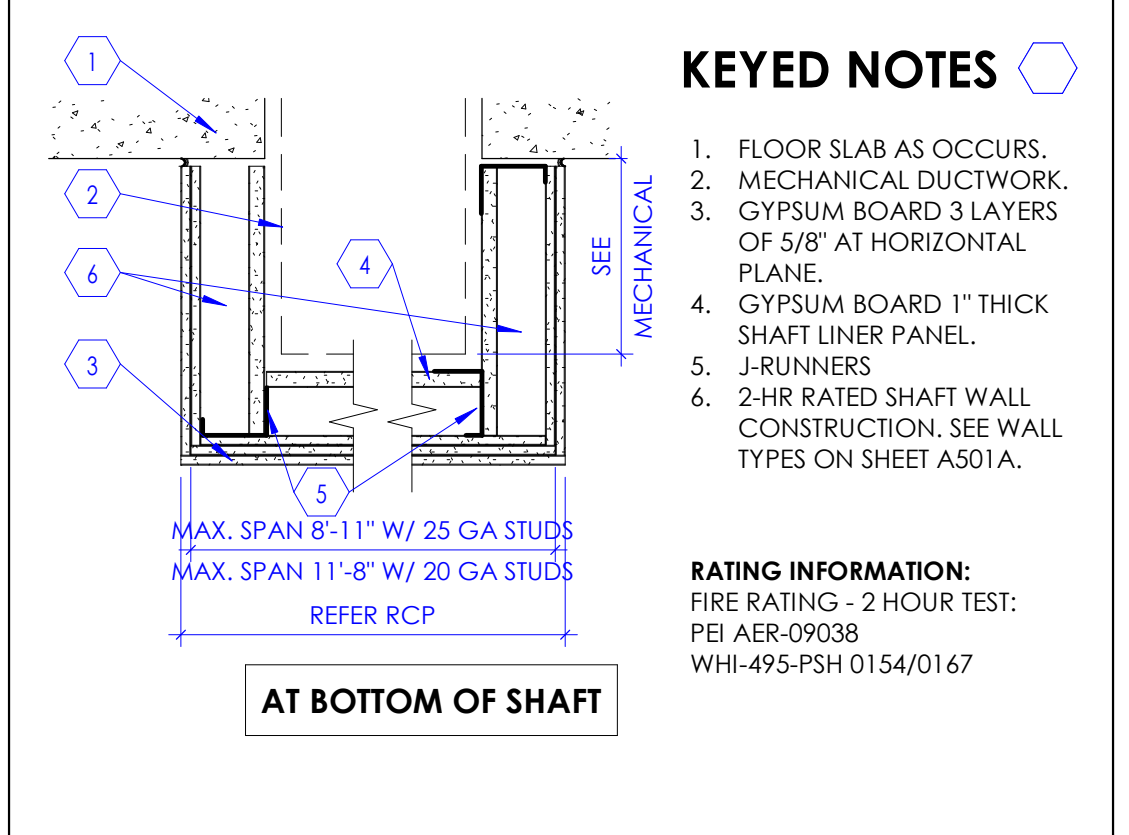
5 2-HR Horizontal Assembly
SCALE: 1 1/2" = 1'-0"



KEYED NOTES

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

3 Head Condition at Smoke Partitions and Sound Barrier Walls
SCALE: 3" = 1'-0"

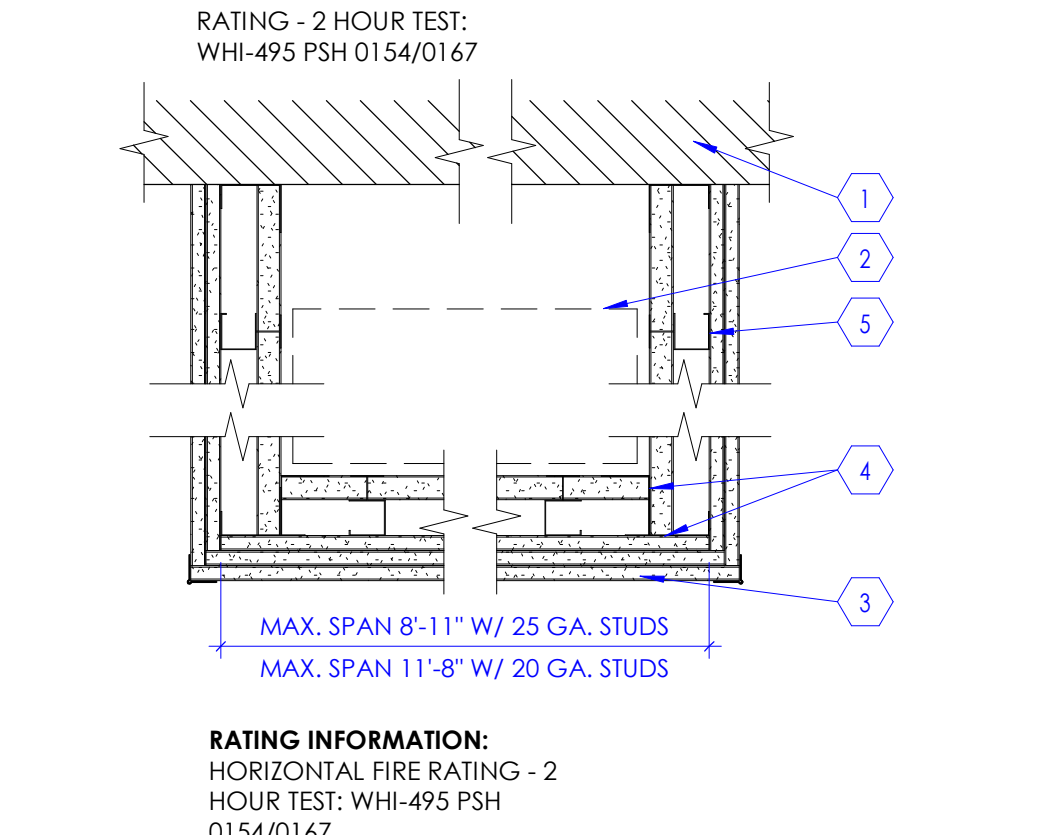


KEYED NOTES

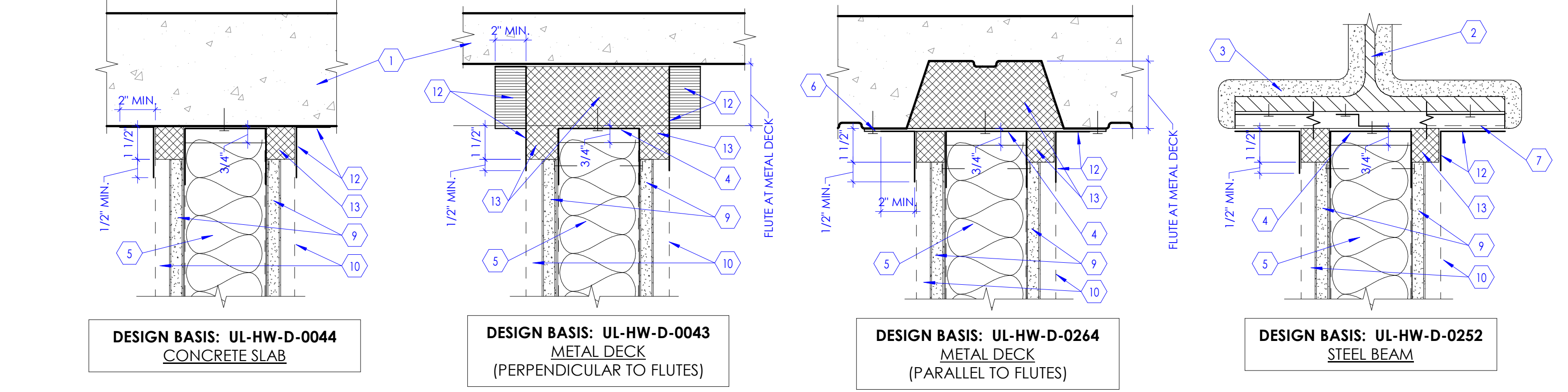
- FLOOR SLAB OR ROOF DECK AS OCCURS.
- MECHANICAL DUCTWORK.
- GYPSON BOARD 3 LAYERS OF 5/8" AT HORIZONTAL PLANE.
- GYPSON BOARD 1" THICK SHAFT LINER PANEL.
- J-RUNNERS
- 2-HR RATED SHAFT WALL CONSTRUCTION. SEE WALL TYPES ON SHEET A501A.

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

4 2-HR Enclosure at B.O. Shaft
SCALE: 1" = 1'-0"



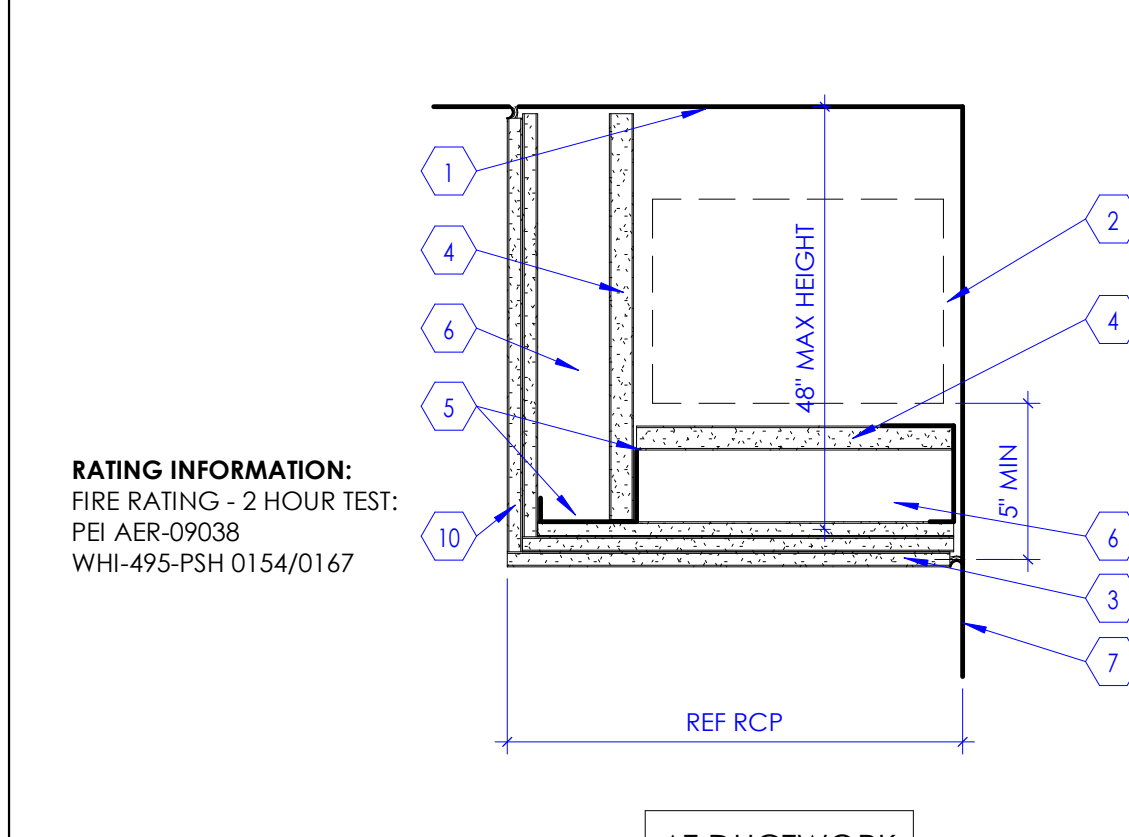
5 2-HR Horizontal Assembly
SCALE: 1 1/2" = 1'-0"



KEYED NOTES

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

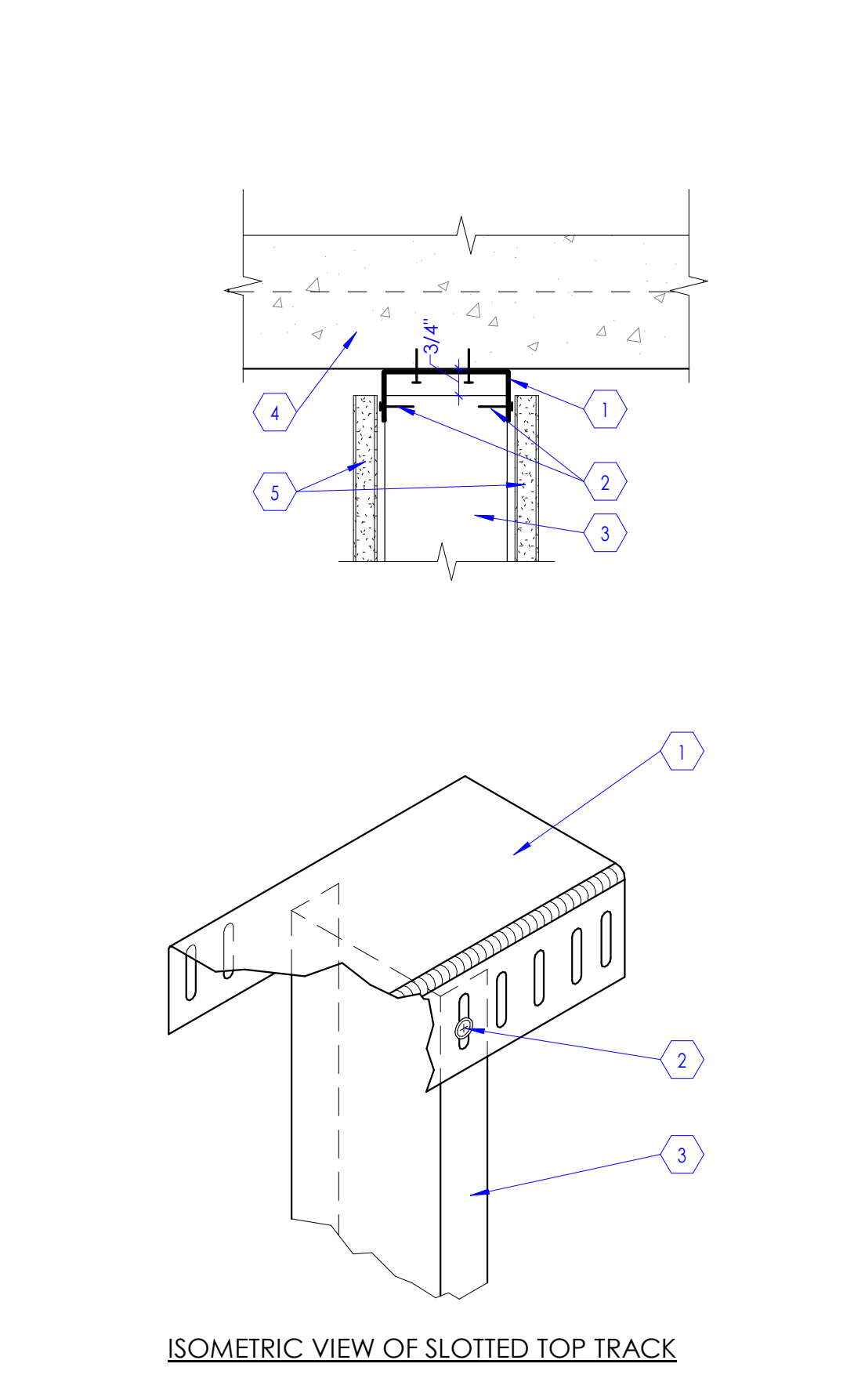
6 Head Condition at Fire Rated Partitions
SCALE: 3" = 1'-0"



KEYED NOTES

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

8 2-HR Horizontal Enclosure
SCALE: 1 1/2" = 1'-0"



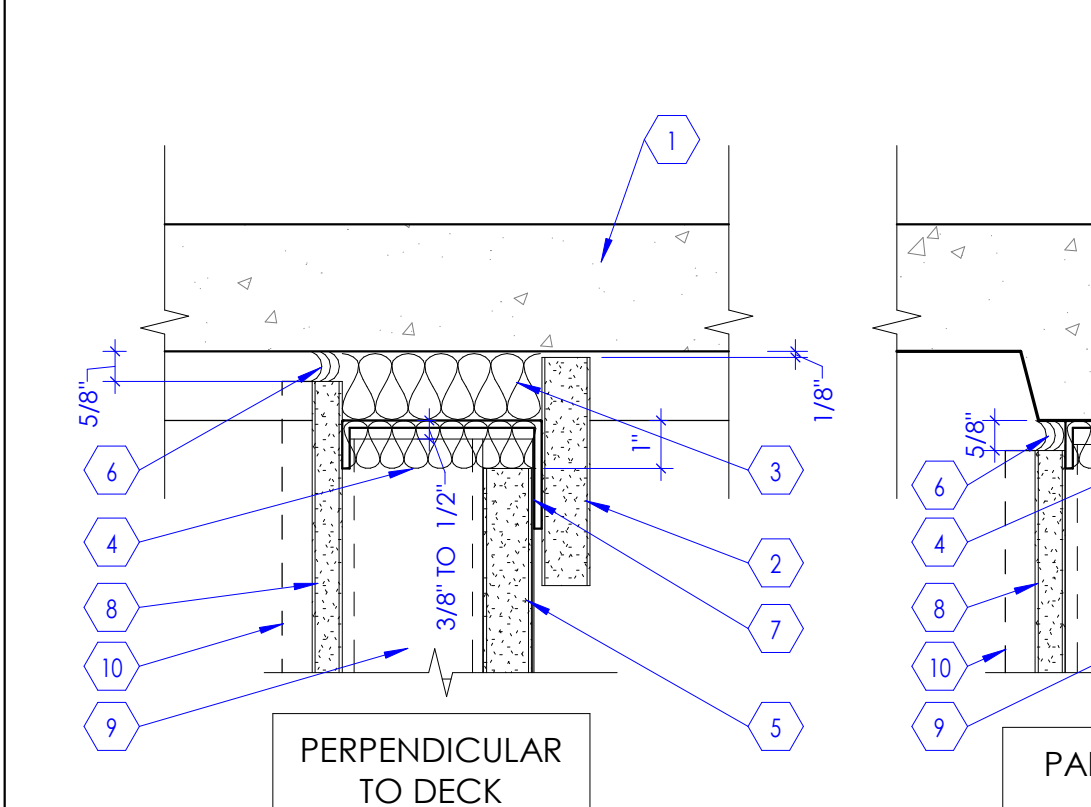
KEYED NOTES

- 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.
- 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.
- VERTICAL STUD. SEE INTERIOR WALL TYPES ON SHEET A501A.
- FLOOR OR ROOF DECK AS OCCURS.
- GYPSON BOARD, 5/8" THICK, TYPE "X". TYPICAL. DO NOT SCREW GYPSON 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

- CONDITIONS INDICATED SHOW DESIGN INTENT, ESPECIALLY IN REGARD TO ACCOMMODATION OF STRUCTURAL DEFLECTION AND CONTINUITY OF INTEGRITY OF SOUND, SMOKE AND FIRE WALLS.
- DESIGN INTENT DETAILS MAY NOT SHOW ALL CONDITIONS TO BE ENCOUNTERED ON A PROJECT.
- 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).
- SLOTTED TOP TRACK, INDICATED ON THESE DETAILS, IS THE BASIS FOR DESIGN AND REFERS TO DEEP-LEG TRACKS WITH VERTICALLY SLOTTED HOLES.
- REFER TO PARTITION STANDARDS FOR SPECIFIC WALL TYPES.
- AT FIRE-RATED WALLS REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS REGARDING HEAD-OF-WALL CONDITIONS.
- MAINTAIN ACOUSTIC RATING WHERE SOUND-CONTROL WALLS ARE INDICATED.
- FIRESTOPPING AND ACOUSTICAL SEALANTS SHALL AUTOBOND. PROVIDE EXPOSED CLEAN SEALANT (TO CONCEAL FIRESTOPPING) AT FOOD SERVICE FACILITIES, KITCHEN, BIOLOGICAL CONTAINMENT AND CLEAN ROOM APPLICATIONS.
- WHERE A WALL IS DESIGNATED AS BOTH A SOUND-CONTROL WALL AND A FIRE-RATED WALL, REFER TO FIRE-RATED HEAD-OF-WALL CONDITIONS.
- WHERE A WALL IS DESIGNATED AS A SOUND-CONTROL WALL, FILL ALL VOIDS WITH SOUND ATTENUATION BATTS (SAB).
- 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.

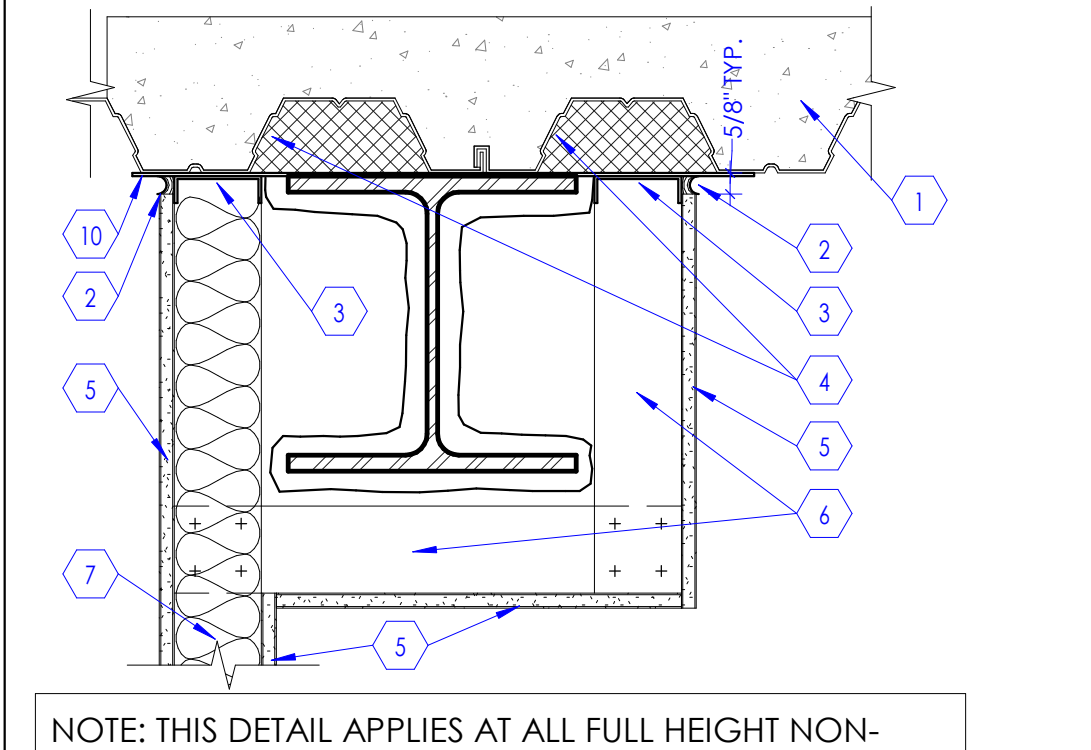
9 Slip Connection Detail
SCALE: 3" = 1'-0"



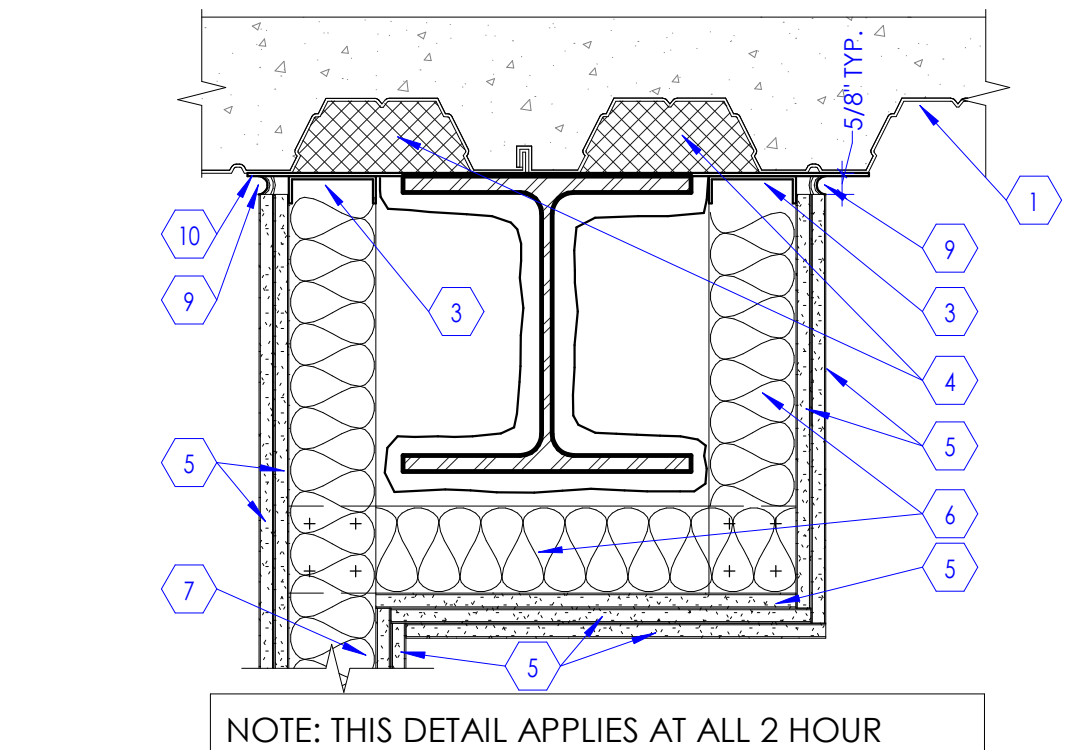
KEYED NOTES

- FLOOR OR ROOF DECK AS OCCURS.
- GYPSON BOARD 1" SHAFT LINER PANEL 6" HIGH MIN. CUT TO FLUTED DECK CONTOUR.
- MINERAL WOOL 3" 4 LB MIN. FRICTION FITTED BETWEEN J TRACK AND FLUTE.
- MINERAL WOOL 1" 4 LB MIN. FRICTION FITTED INSIDE J TRACK CAVITY.
- GYPSON BOARD 1" SHAFT LINER PANEL STOP AT 1" BELOW THE BOTTOM OF DECK.
- ACOUSTICAL SEALANT 5/8" x CONT.
- J TRACK SEE WALL TYPES.
- GYPSON BOARD 5/8" THICK, TYPE "X". PANELS CUT TO FLUTED DECK CONTOUR. SEE WALL TYPES.
- C-H STUDS @ 24" O.C. MAX. SEE WALL TYPES FOR SIZE.
- ADDITIONAL LAYER OF GYPSON BOARD AT 2HR RATED SHAFT WALL SHOWN DASHED. SEE WALL TYPES ON SHEET A501A.

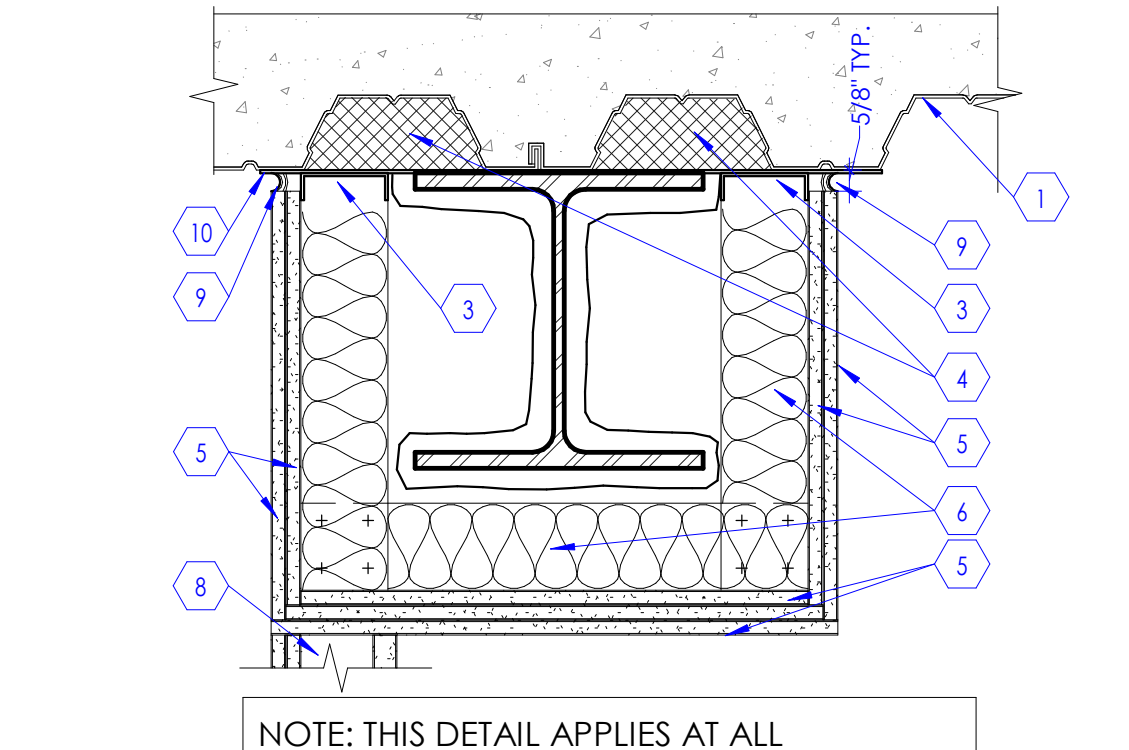
7 Head Detail at Shaft Wall
SCALE: 3" = 1'-0"



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.



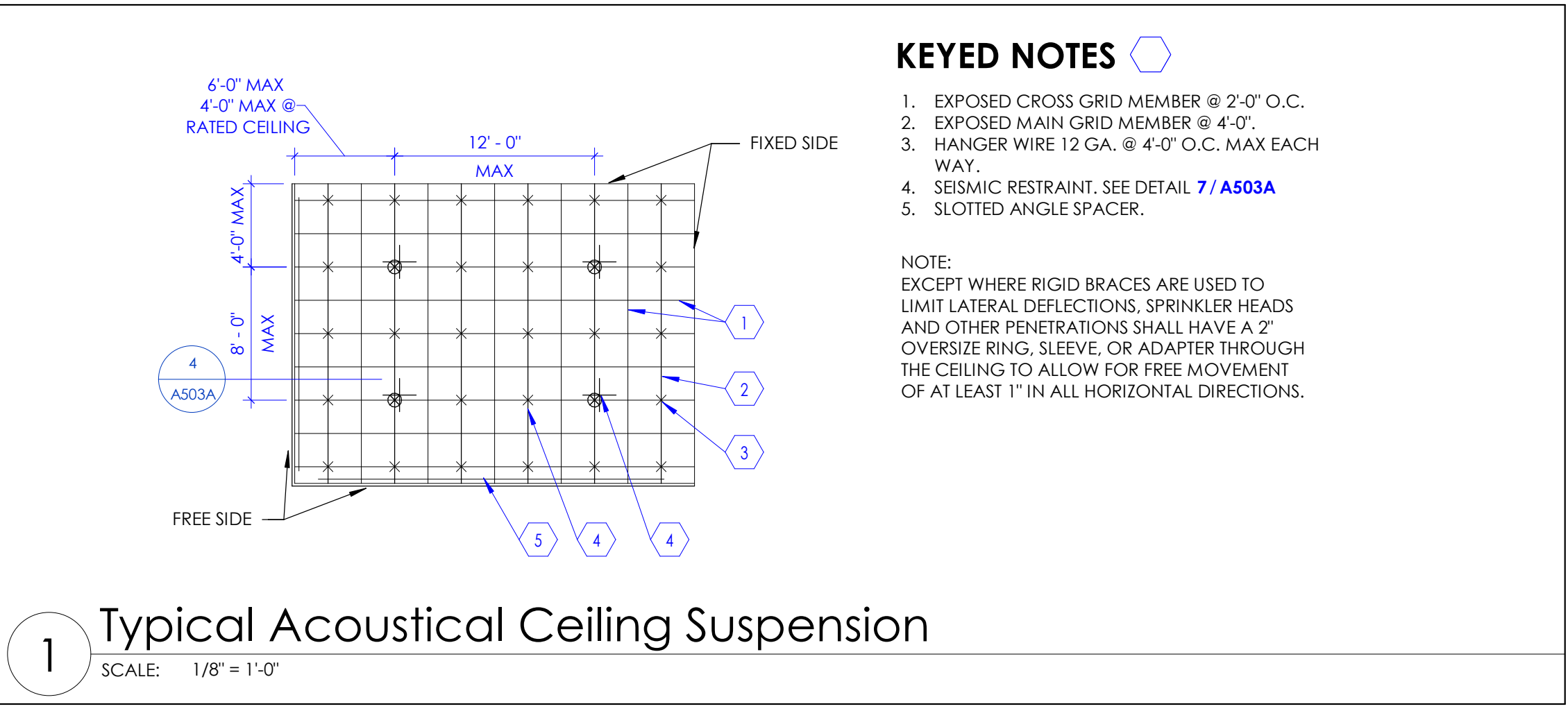
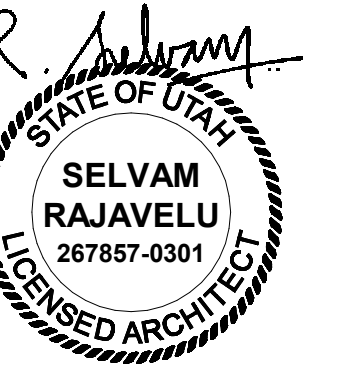
NOTE: THIS DETAIL APPLIES AT ALL SHAFTWALL CONDITIONS WHERE WALL CANNOT EXTEND FULLY TO DECK. U.N.O.

10 Alternate Framing Details at Rated Walls
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

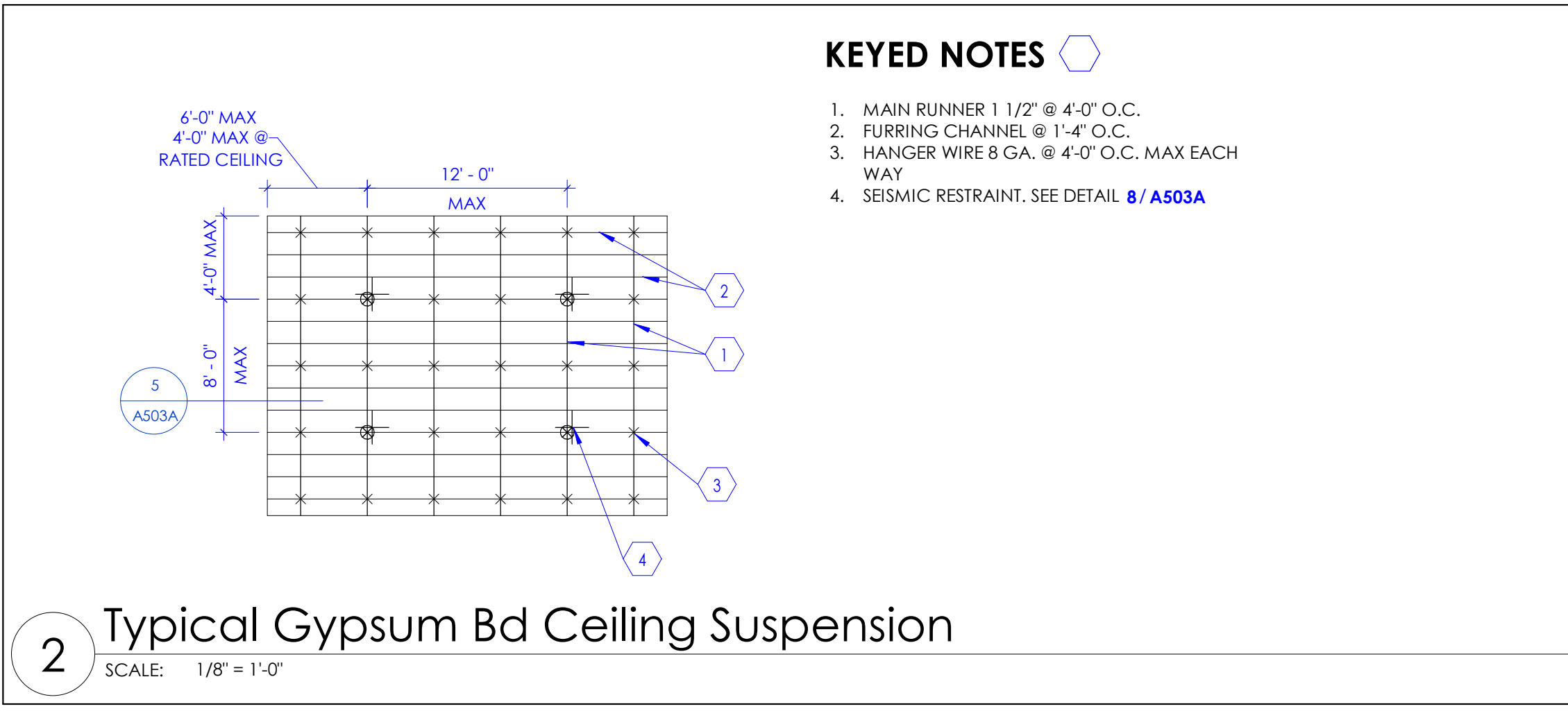
- FLOOR OR ROOF DECK AS OCCURS.
- CONTINUOUS ACOUSTIC/SMOKE SEALANT/FIRE STOP AS REQUIRED EACH SIDE.
- SLOTTED TOP TRACK. FOR ADDITIONAL INFORMATION SEE DETAIL 9 / A502B
- FILL FLUTE AT METAL DECK WITH CONTINUOUS 4LB MINERAL WOOL. FRICTION FIT BETWEEN TOP TRACK AND FLUTE.
- GYPSON BOARD, 5/8" THICK,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

8 2-HR Horizontal Enclosure
SCALE: 1 1/2" = 1'-0"



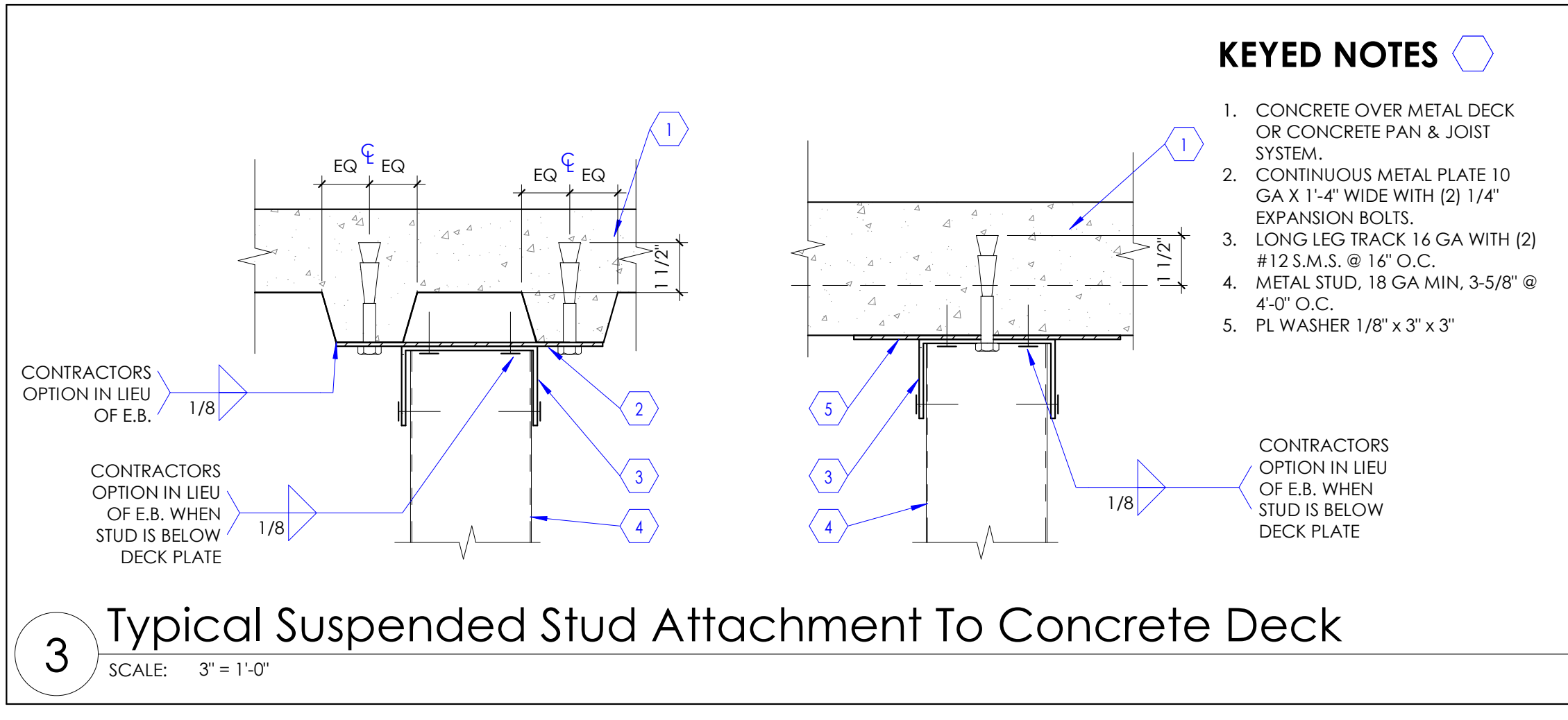
- KEYED NOTES**
- EXPOSED CROSS GRID MEMBER @ 2'-0" O.C.
 - EXPOSED MAIN GRID MEMBER @ 4'-0" O.C.
 - HANGER WIRE 12 GA. @ 4'-0" O.C. MAX EACH WAY.
 - SEISMIC RESTRAINT. SEE DETAIL 7 / A503A
 - SLOTTED ANGLE SPACER.
- NOTE:
EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS 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"



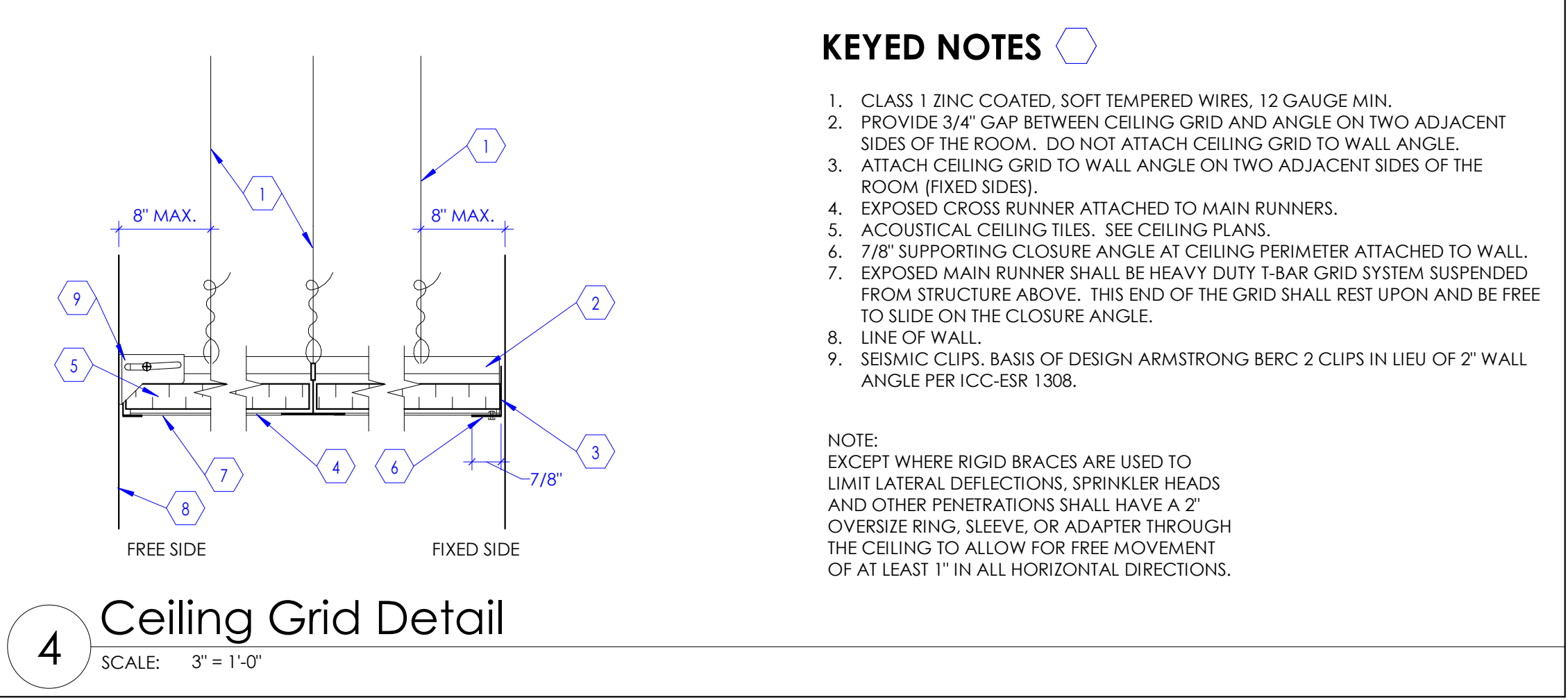
- KEYED NOTES**
- MAIN RUNNER 1 1/2" @ 4'-0" O.C.
 - FURRING CHANNEL @ 1'-4" O.C.
 - HANGER WIRE 8 GA. @ 4'-0" O.C. MAX EACH WAY
 - SEISMIC RESTRAINT. SEE DETAIL 8 / A503A

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



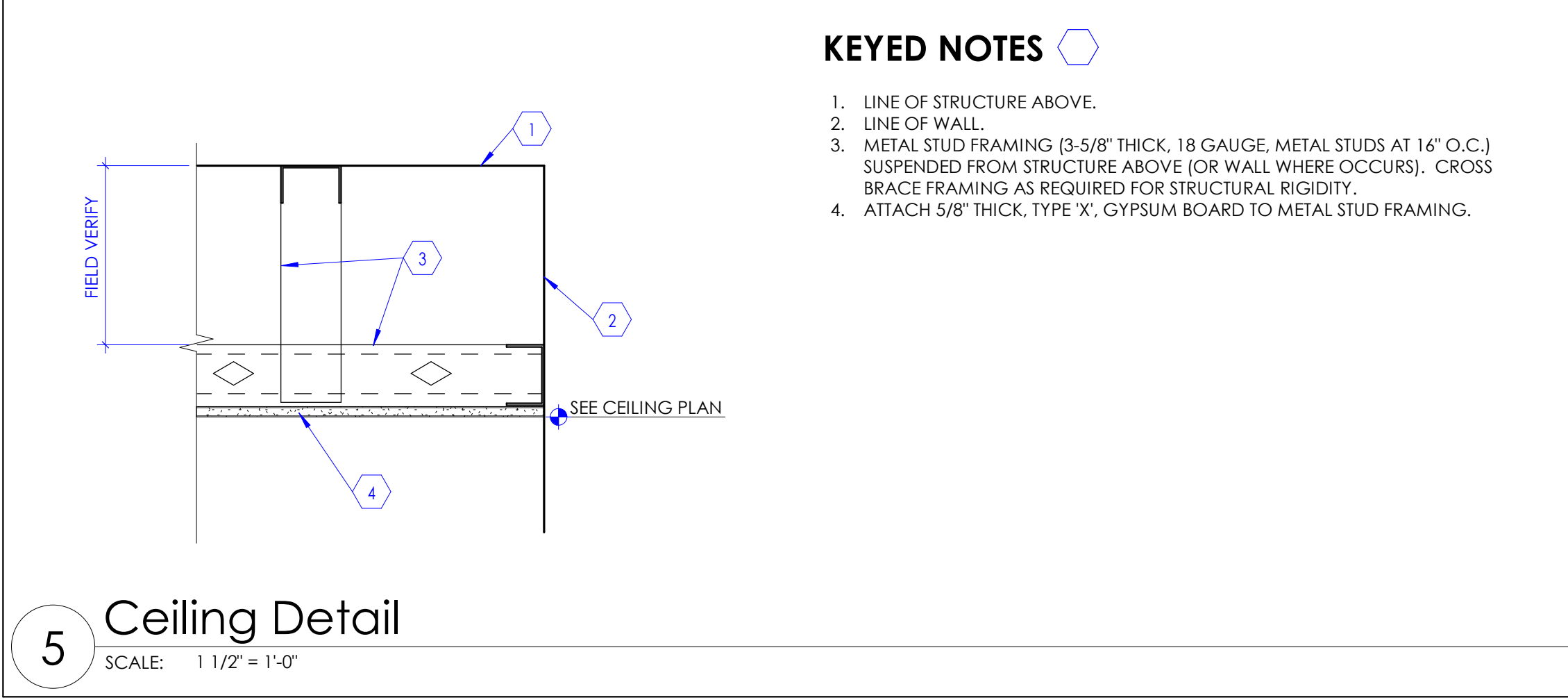
- KEYED NOTES**
- CONCRETE OVER METAL DECK OR CONCRETE PAN & JOIST SYSTEM.
 - CONTINUOUS METAL PLATE 10 GA X 1'-4" WIDE WITH (2) 1/4" EXPANSION BOLTS.
 - LONG LEG TRACK 16 GA WITH (2) #12 S.M.S. @ 16" O.C.
 - METAL STUD 18 GA MIN. 3-5/8" @ 4'-0" O.C.
 - PL WASHER 1/8" X 3" X 3"

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



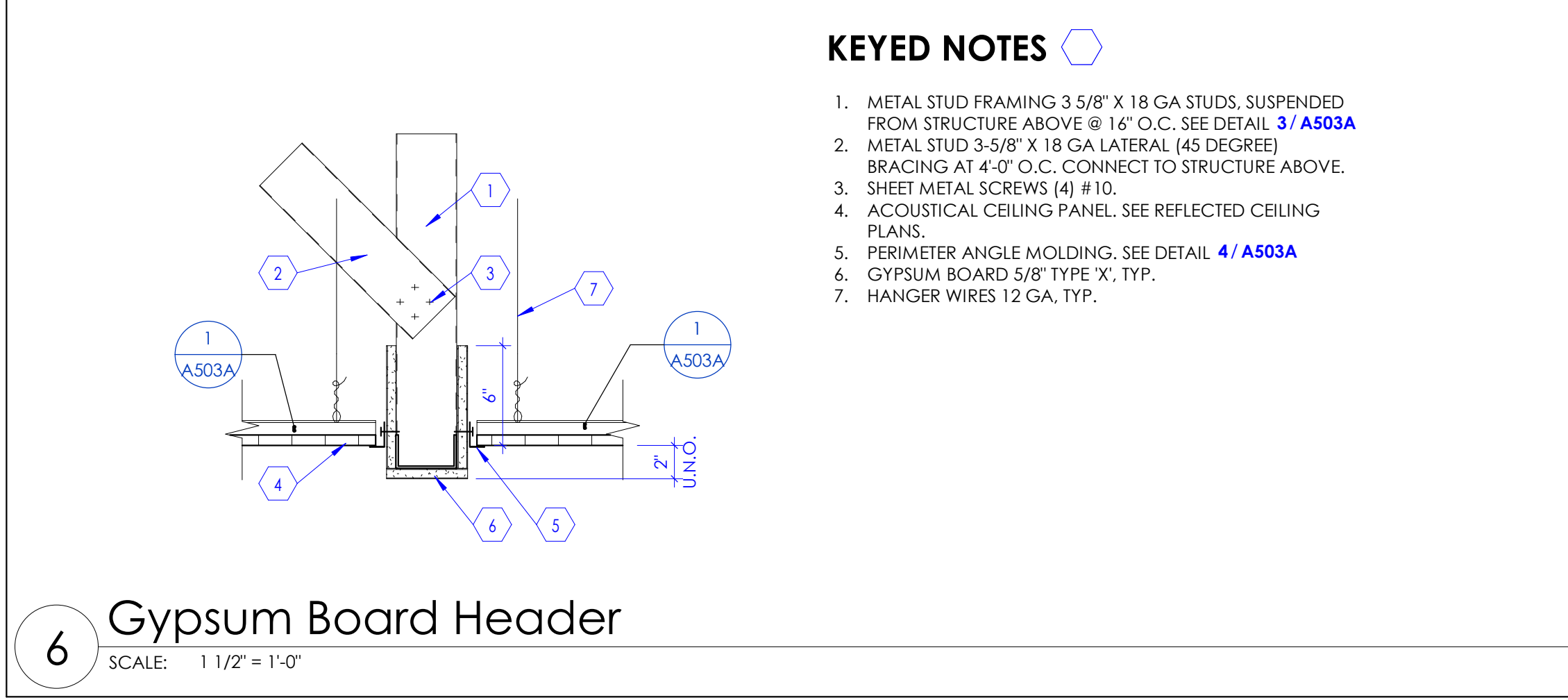
- KEYED NOTES**
- CLASS 1 ZINC COATED, SOFT TEMPERED WIRES, 12 GAUGE MIN.
 - PROVIDE 3/4" GAP BETWEEN CEILING GRID AND ANGLE ON TWO ADJACENT SIDES OF THE ROOM. DO NOT ATTACH CEILING GRID TO WALL ANGLE.
 - ATTACH CEILING GRID TO WALL ANGLE ON TWO ADJACENT SIDES OF THE ROOM (FIXED SIDES).
 - EXPOSED CROSS RUNNER ATTACHED TO MAIN RUNNERS.
 - ACOUSTICAL CEILING TILES. SEE CEILING PLANS.
 - 7/8" SUPPORTING CLOSURE ANGLE AT CEILING PERIMETER ATTACHED TO WALL.
 - 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.
 - LINE OF WALL.
 - 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"



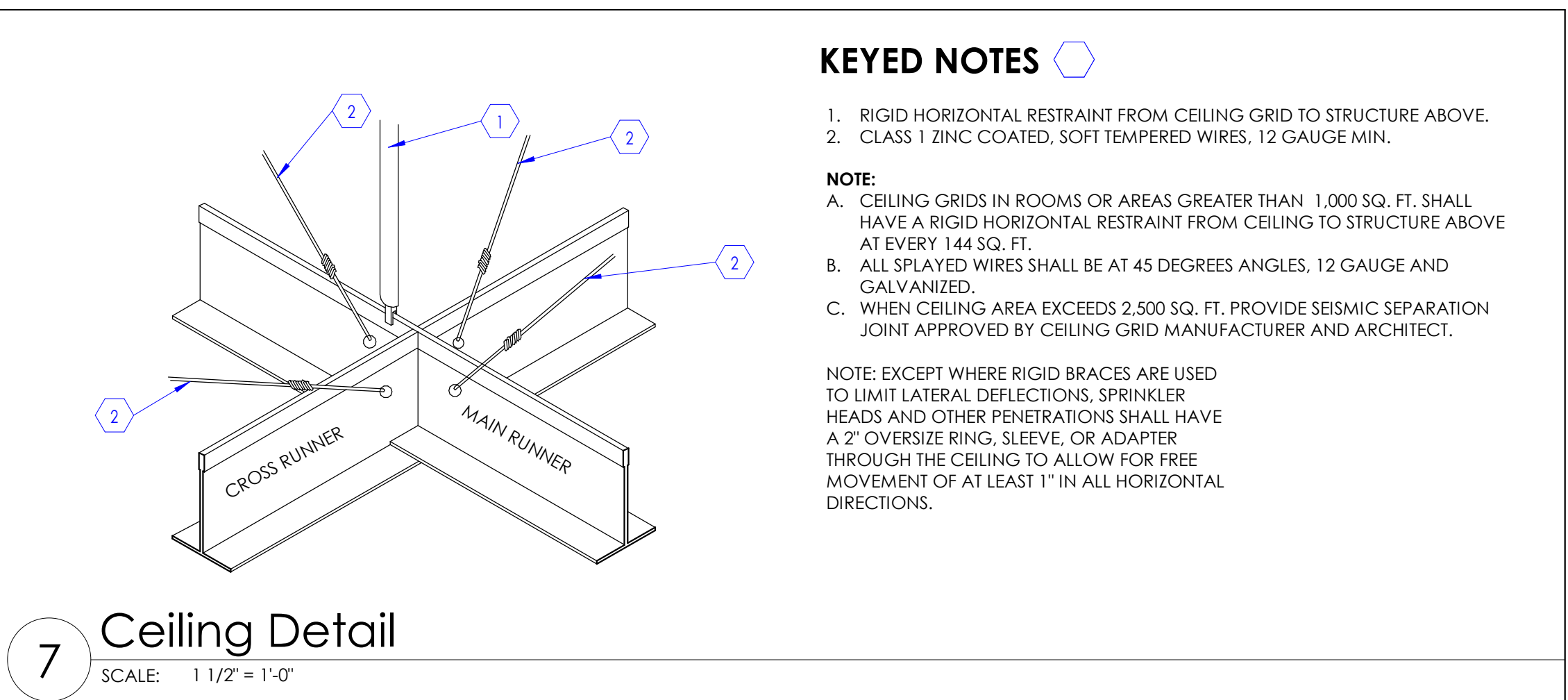
- KEYED NOTES**
- LINE OF STRUCTURE ABOVE.
 - LINE OF WALL.
 - METAL STUD FRAMING (3-5/8" THICK, 18 GAUGE, METAL STUDS AT 16" O.C.) SUSPENDED FROM STRUCTURE ABOVE (OR WALL WHERE OCCURS). CROSS BRACE FRAMING AS REQUIRED FOR STRUCTURAL RIGIDITY.
 - ATTACH 5/8" THICK, TYPE 'X', GYPSUM BOARD TO METAL STUD FRAMING.

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



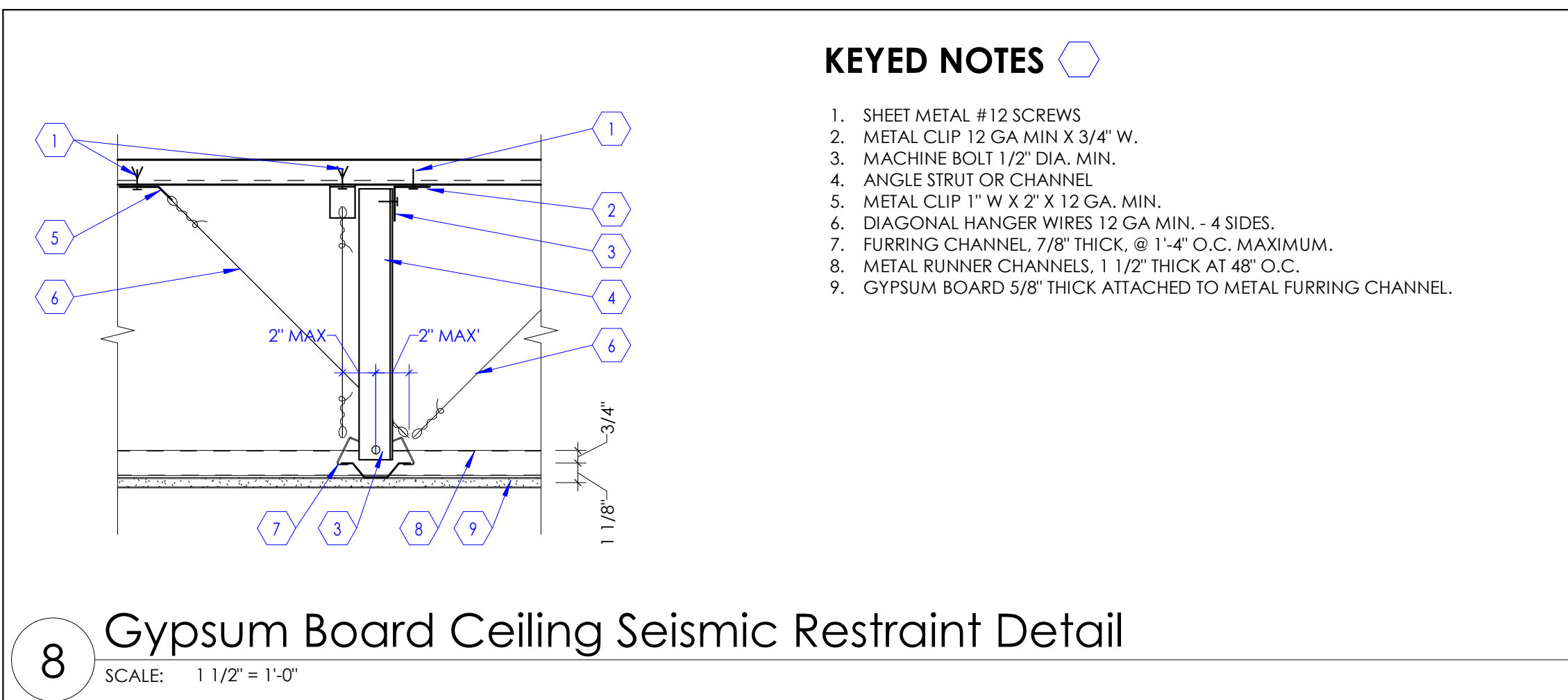
- KEYED NOTES**
- METAL STUD FRAMING 3 5/8" X 18 GA STUDS, SUSPENDED FROM STRUCTURE ABOVE @ 16" O.C. SEE DETAIL 3 / A503A
 - METAL STUD 3-5/8" X 18 GA LATERAL (45 DEGREE) BRACING AT 4'-0" O.C. CONNECT TO STRUCTURE ABOVE.
 - SHEET METAL SCREWS (4) #10.
 - ACOUSTICAL CEILING PANEL. SEE REFLECTED CEILING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

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



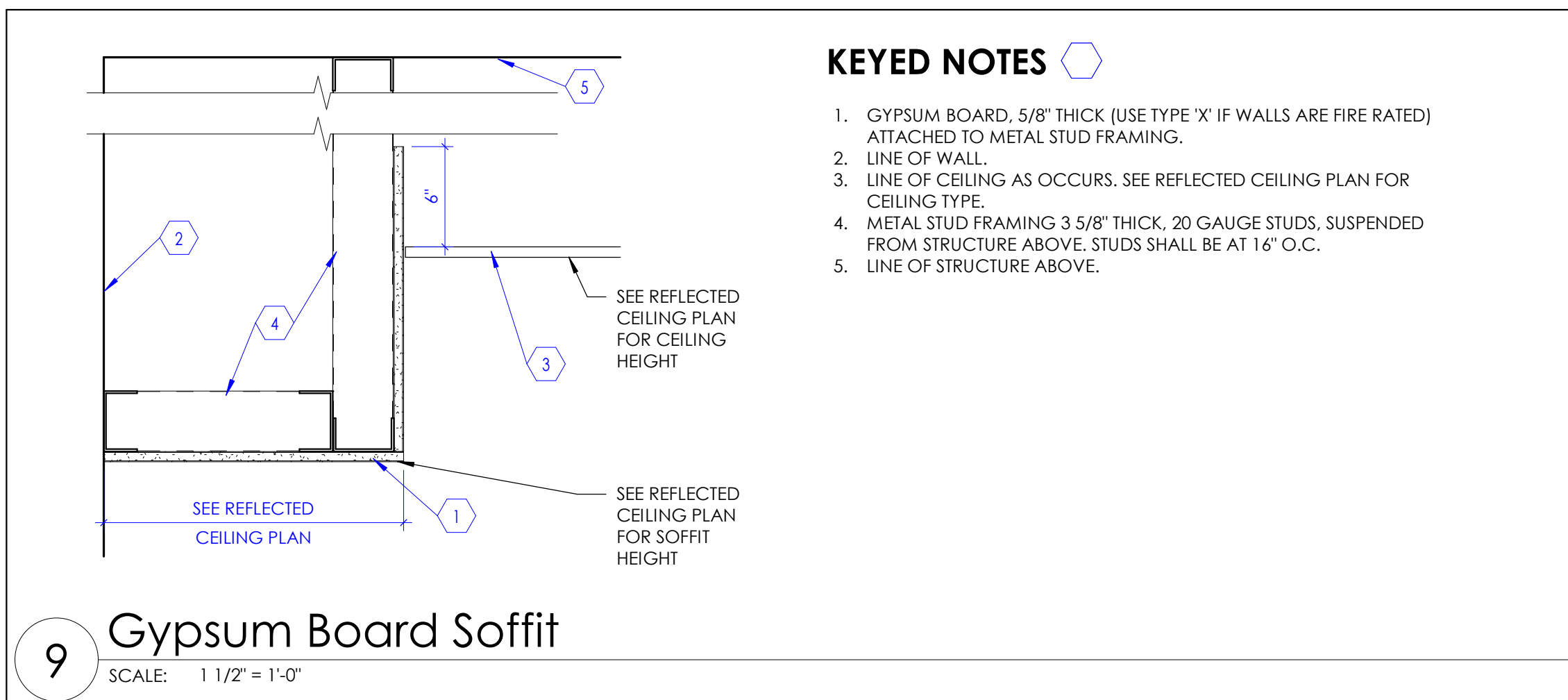
- KEYED NOTES**
- RIGID HORIZONTAL RESTRAINT FROM CEILING GRID TO STRUCTURE ABOVE.
 - CLASS 1 ZINC COATED, SOFT TEMPERED WIRES, 12 GAUGE MIN.
- NOTE:
A. CEILING GRIDS IN ROOMS OR AREAS GREATER THAN 1,000 SQ. FT. SHALL HAVE A RIGID HORIZONTAL RESTRAINT FROM CEILING TO STRUCTURE ABOVE AT EVERY 144 SQ. FT.
B. ALL SPLAYED WIRES SHALL BE AT 45 DEGREE 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"



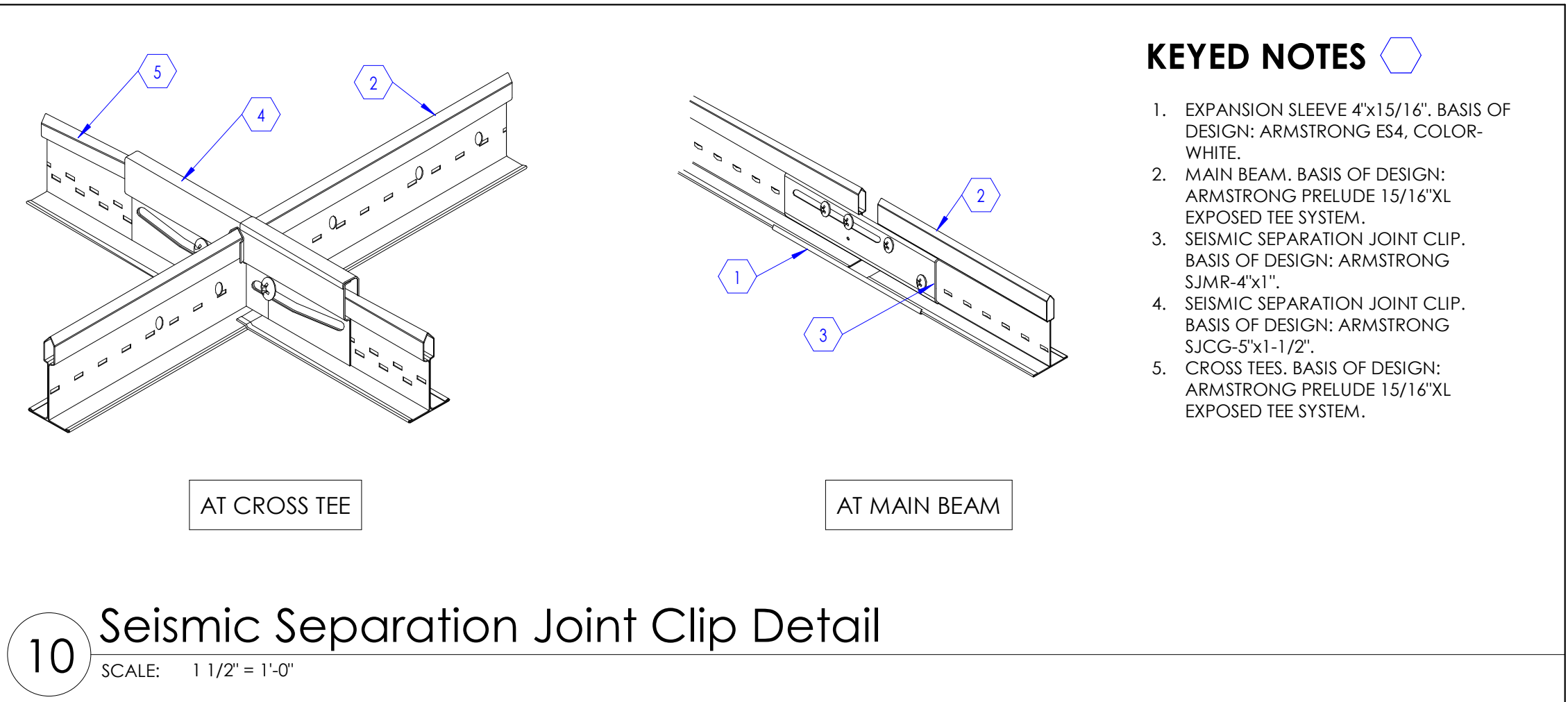
- KEYED NOTES**
- SHEET METAL #12 SCREWS
 - METAL CLIP 12 GA MIN X 3/4" W.
 - MACHINE BOLT 1/2" DIA. MIN.
 - ANGLE STRUT OR CHANNEL
 - METAL CLIP 1" W X 2" X 12 GA. MIN.
 - DIAGONAL HANGER WIRES 12 GA MIN. - 4 SIDES.
 - FURRING CHANNEL, 7/8" THICK, @ 1'-4" O.C. MAXIMUM.
 - METAL RUNNER CHANNELS, 1 1/2"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

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



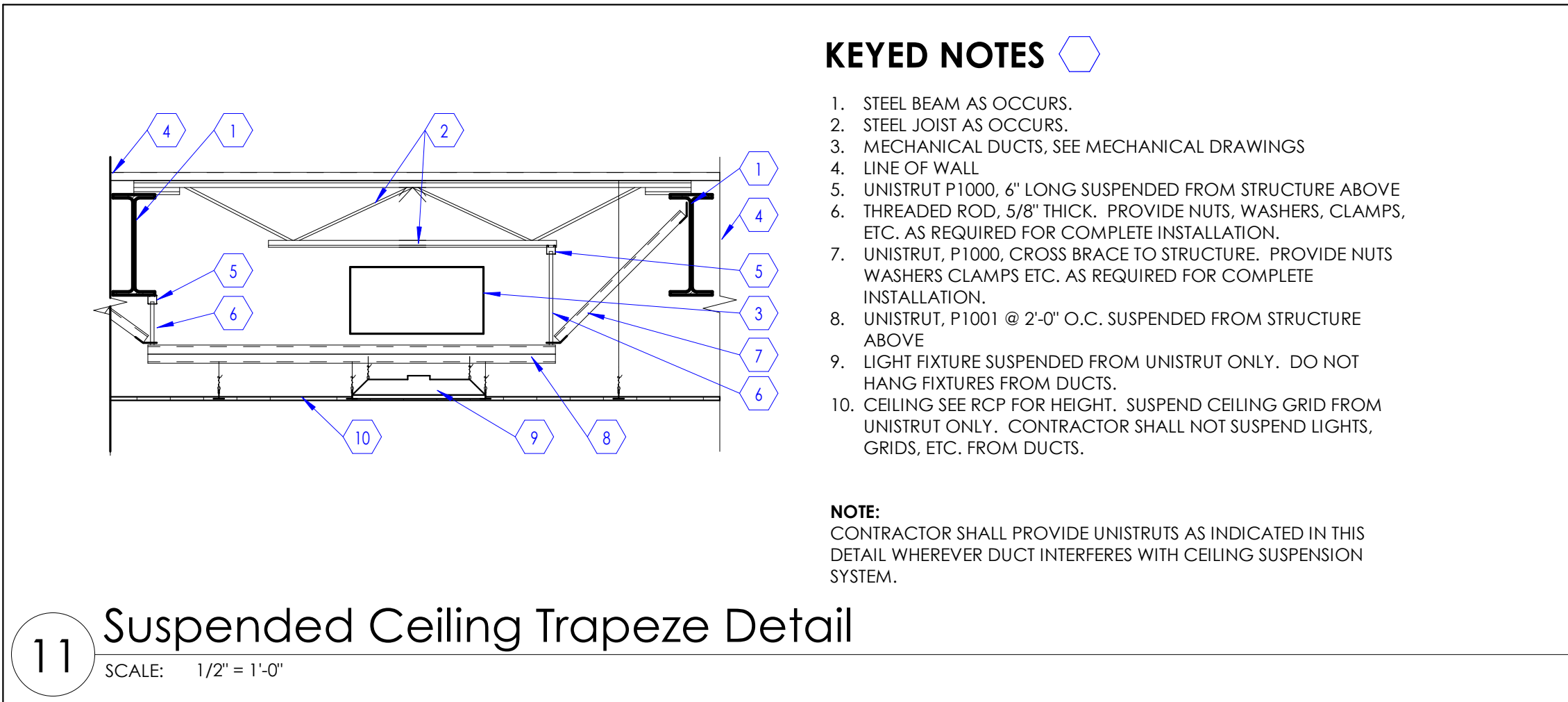
- KEYED NOTES**
- GYPSUM BOARD, 5/8" THICK (USE TYPE 'X' IF WALLS ARE FIRE RATED) ATTACHED TO METAL STUD FRAMING.
 - LINE OF WALL.
 - LINE OF CEILING AS OCCURS. SEE REFLECTED CEILING PLAN FOR CEILING TYPE.
 - METAL STUD FRAMING 3 5/8" THICK, 20 GAUGE STUDS, SUSPENDED FROM STRUCTURE ABOVE. STUDS SHALL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

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



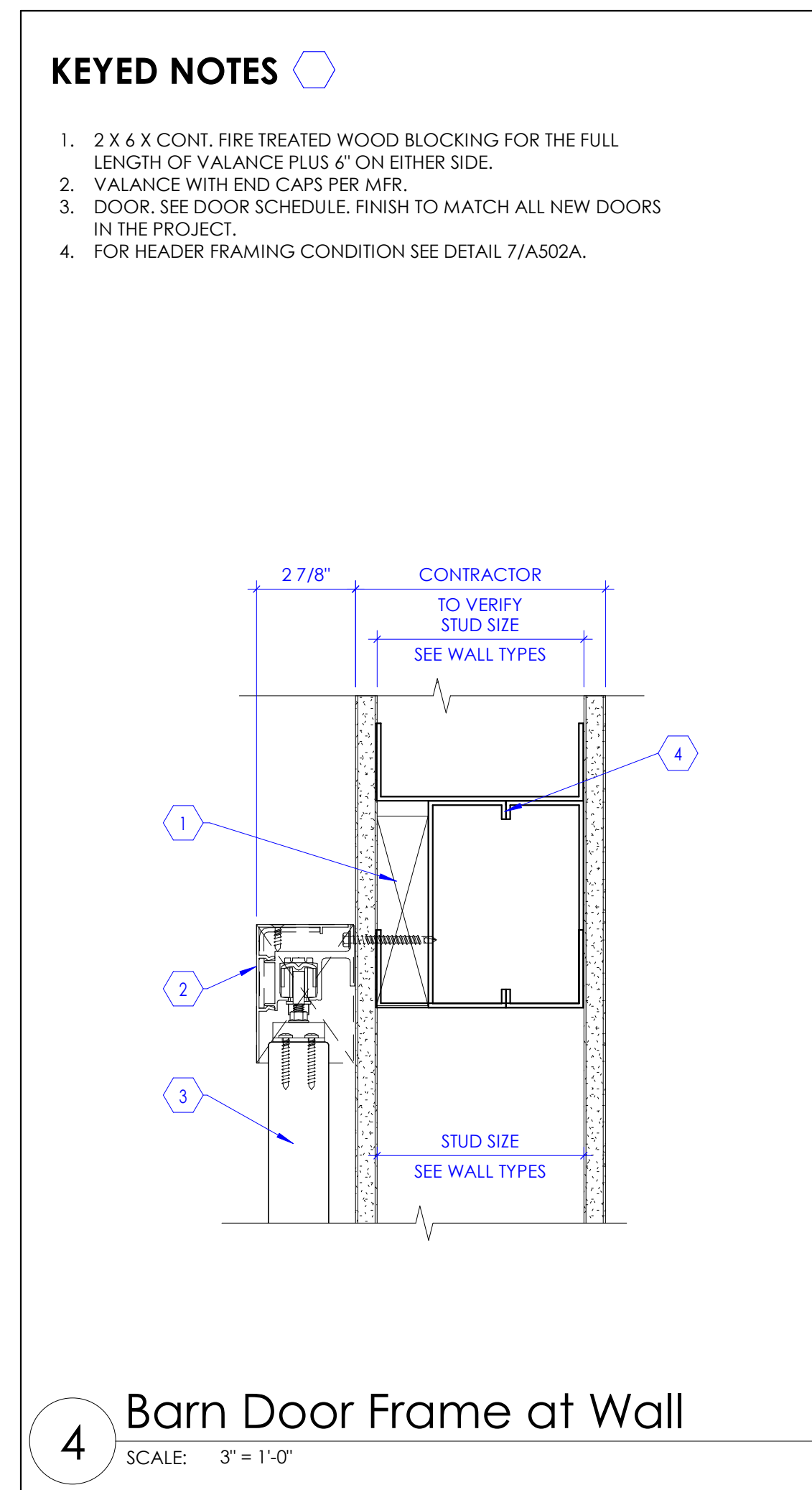
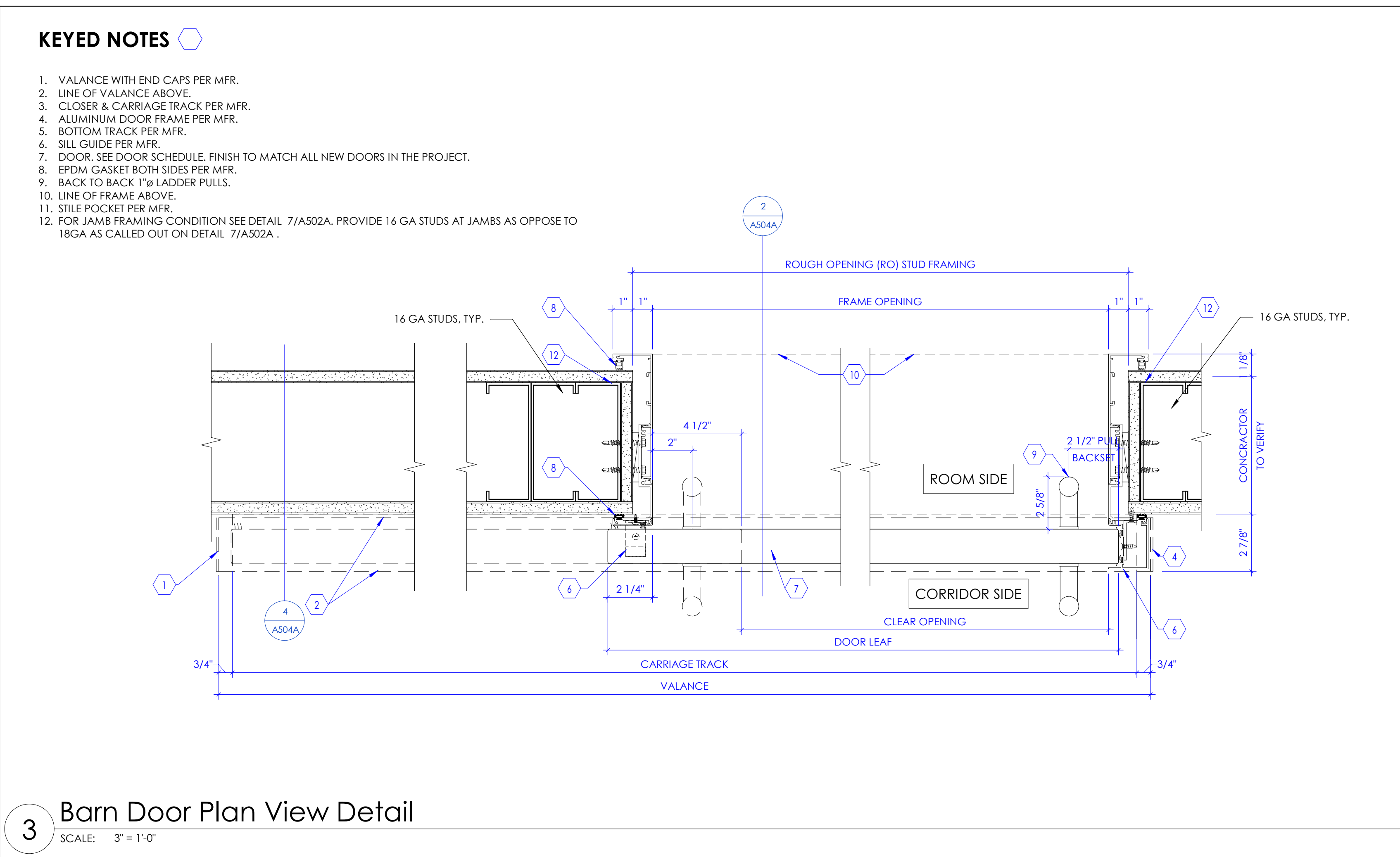
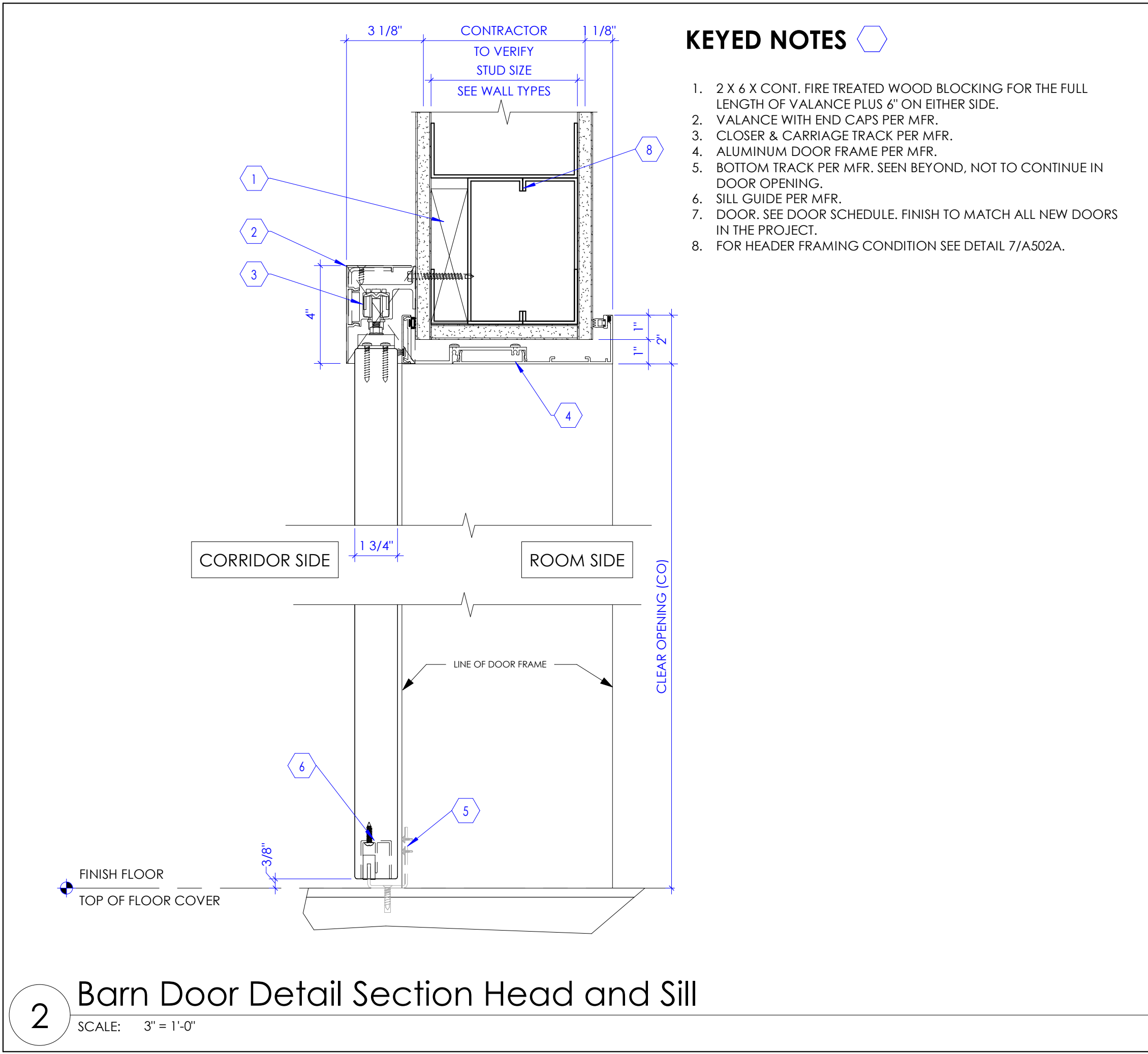
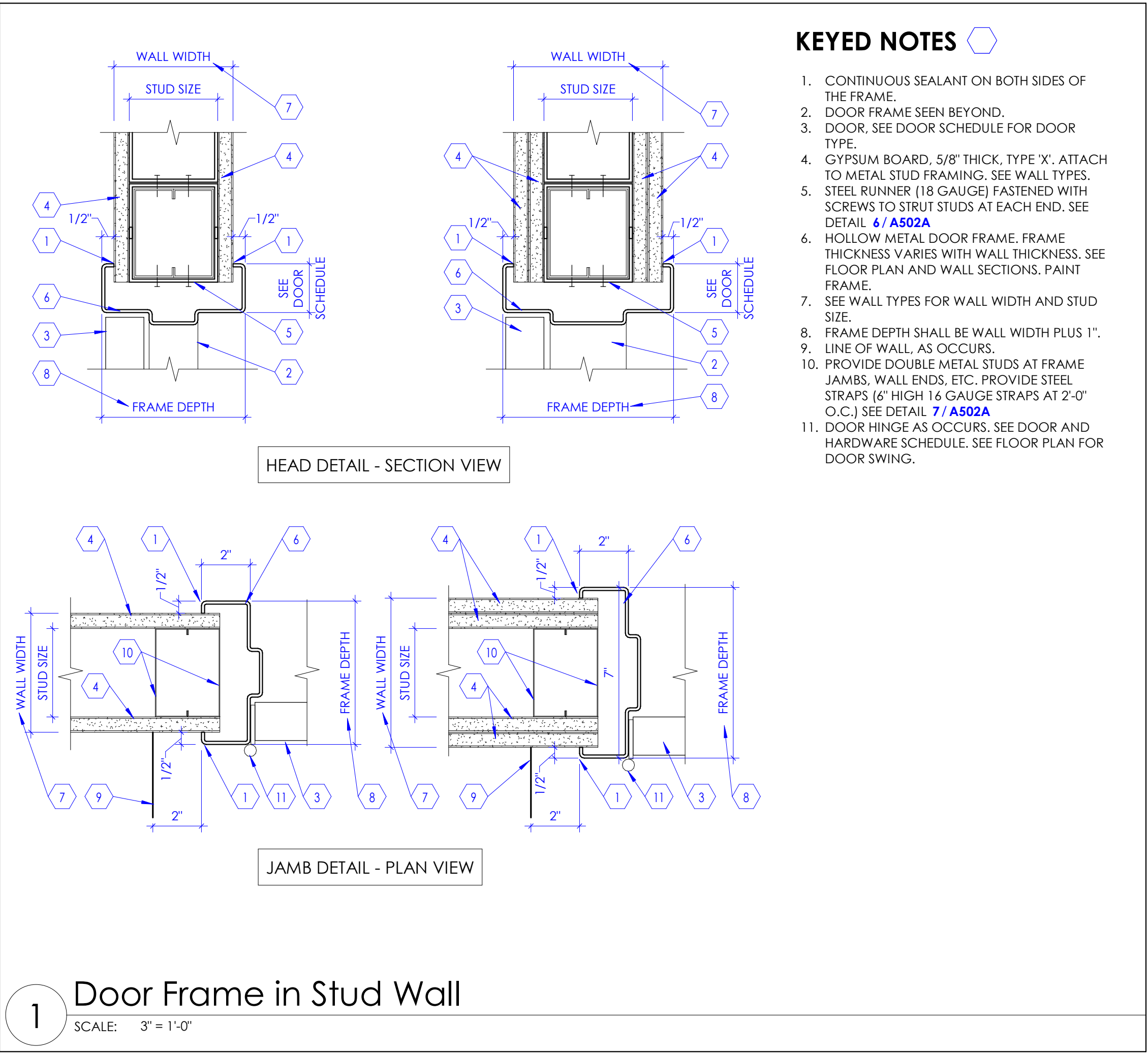
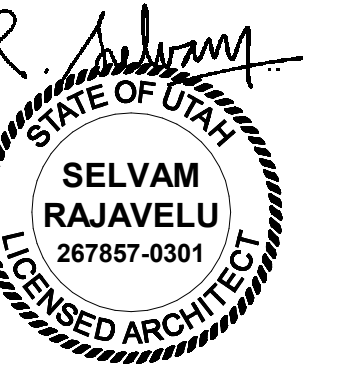
- KEYED NOTES**
- EXPANSION SLEEVE 4"x1 1/2"x1/4", BASIS OF DESIGN: ARMSTRONG E54, COLOR: WHITE.
 - MAIN BEAM, BASIS OF DESIGN: ARMSTRONG PRELUDE 15/16" XL EXPOSED TEE SYSTEM.
 - SEISMIC SEPARATION JOINT CLIP, BASIS OF DESIGN: ARMSTRONG SJCR-4"x1".
 - SEISMIC SEPARATION JOINT CLIP, BASIS OF DESIGN: ARMSTRONG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

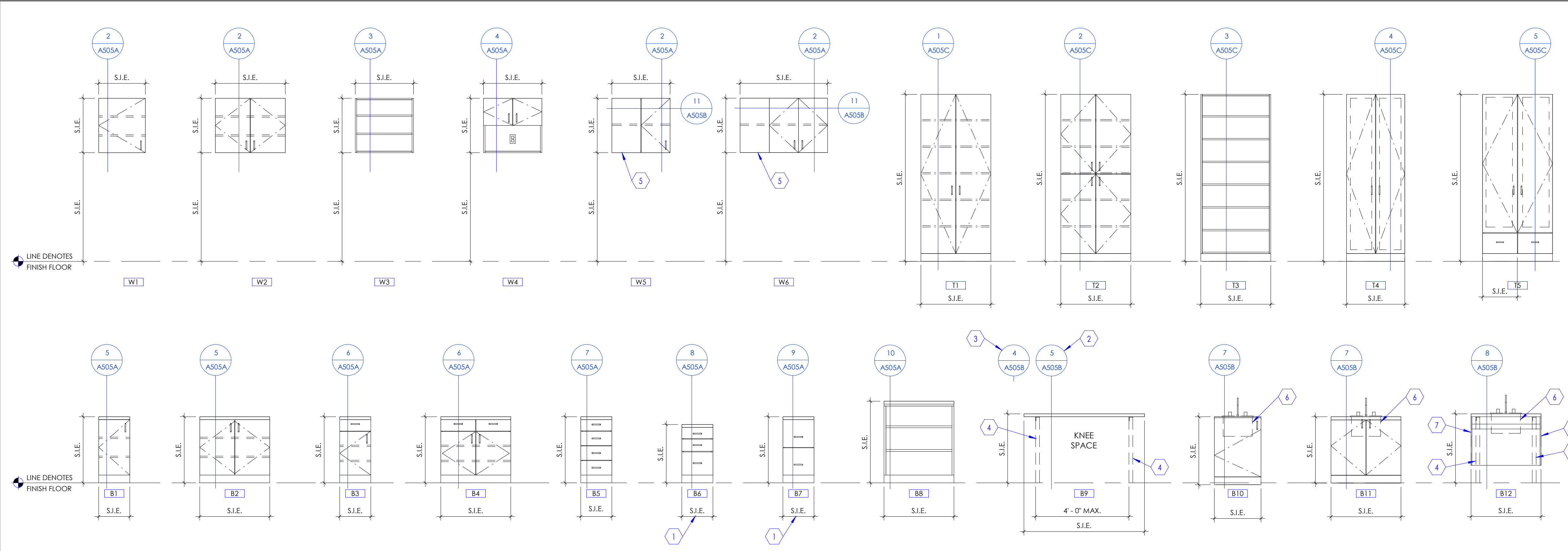
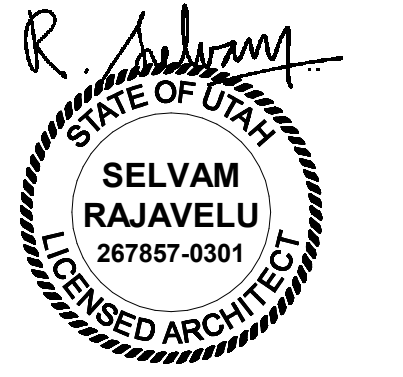
10 Seismic Separation Joint Clip Detail
SCALE: 1 1/2" = 1'-0"



- KEYED NOTES**
- STEEL BEAM AS OCCURS.
 - STEEL JOIST AS OCCURS.
 - MECHANICAL DUCTS, SEE MECHANICAL DRAWINGS
 - LINE OF WALL.
 - UNISTRUT F1000, 4" LONG SUSPENDED FROM STRUCTURE ABOVE
 - THREADED ROD, 5/8" THICK. PROVIDE NUTS, WASHERS, CLAMPS, ETC. AS REQUIRED FOR COMPLETE INSTALLATION.
 - UNISTRUT, F1000, CROSS BRACE TO STRUCTURE. PROVIDE NUTS, WASHERS, CLAMPS ETC. AS REQUIRED FOR COMPLETE INSTALLATION.
 - UNISTRUT, F1001 @ 2'-0" O.C. SUSPENDED FROM STRUCTURE ABOVE
 - LIGHT FIXTURE SUSPENDED FROM UNISTRUT ONLY. DO NOT HANG FIXTURES FROM DUCTS.
 - CEILING SEE ROOF 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.

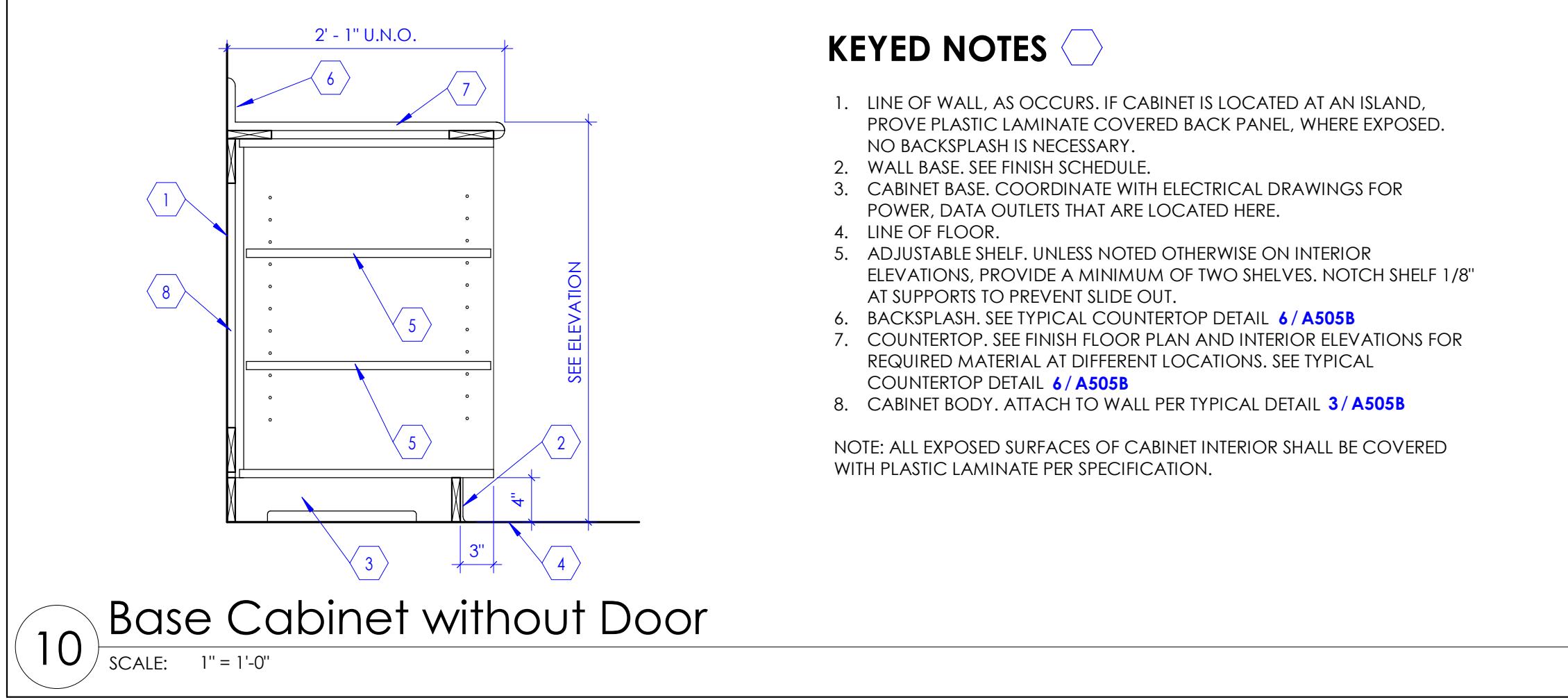
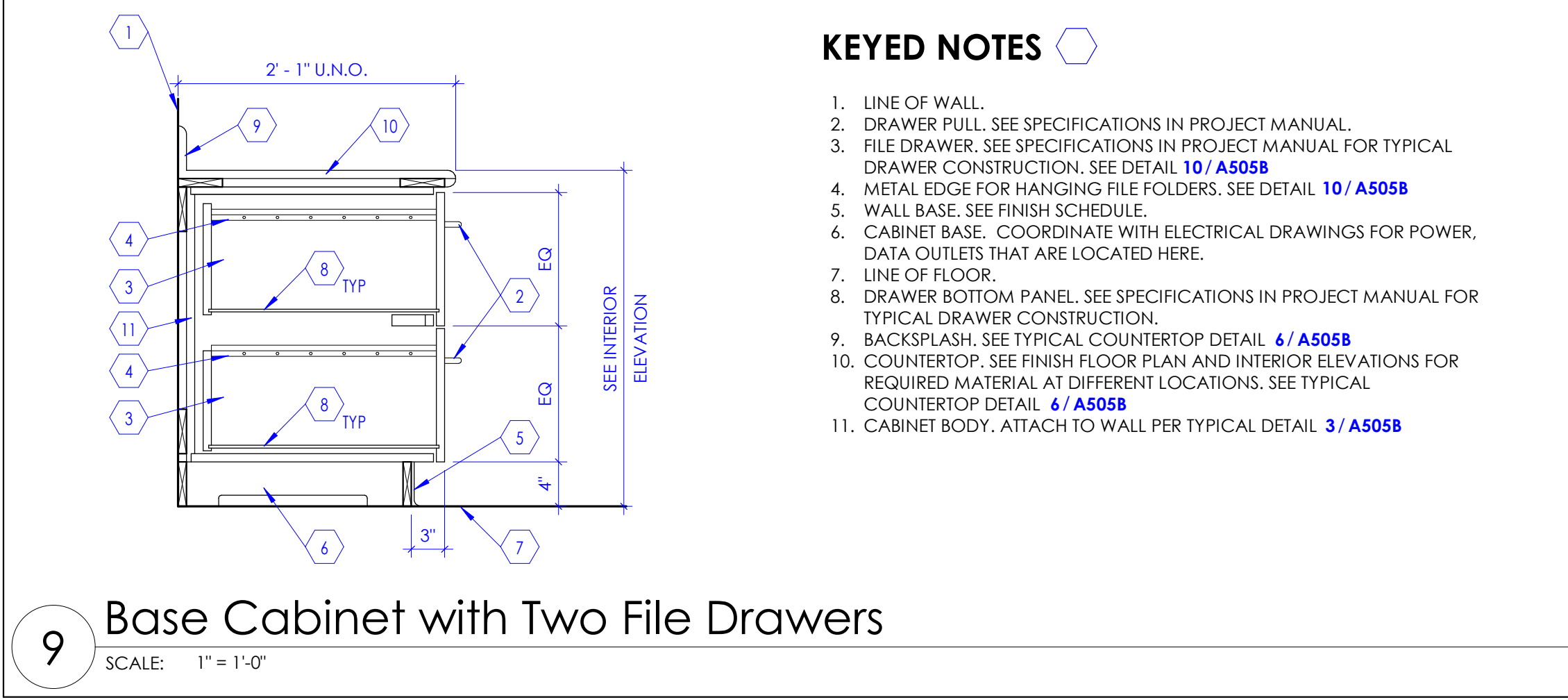
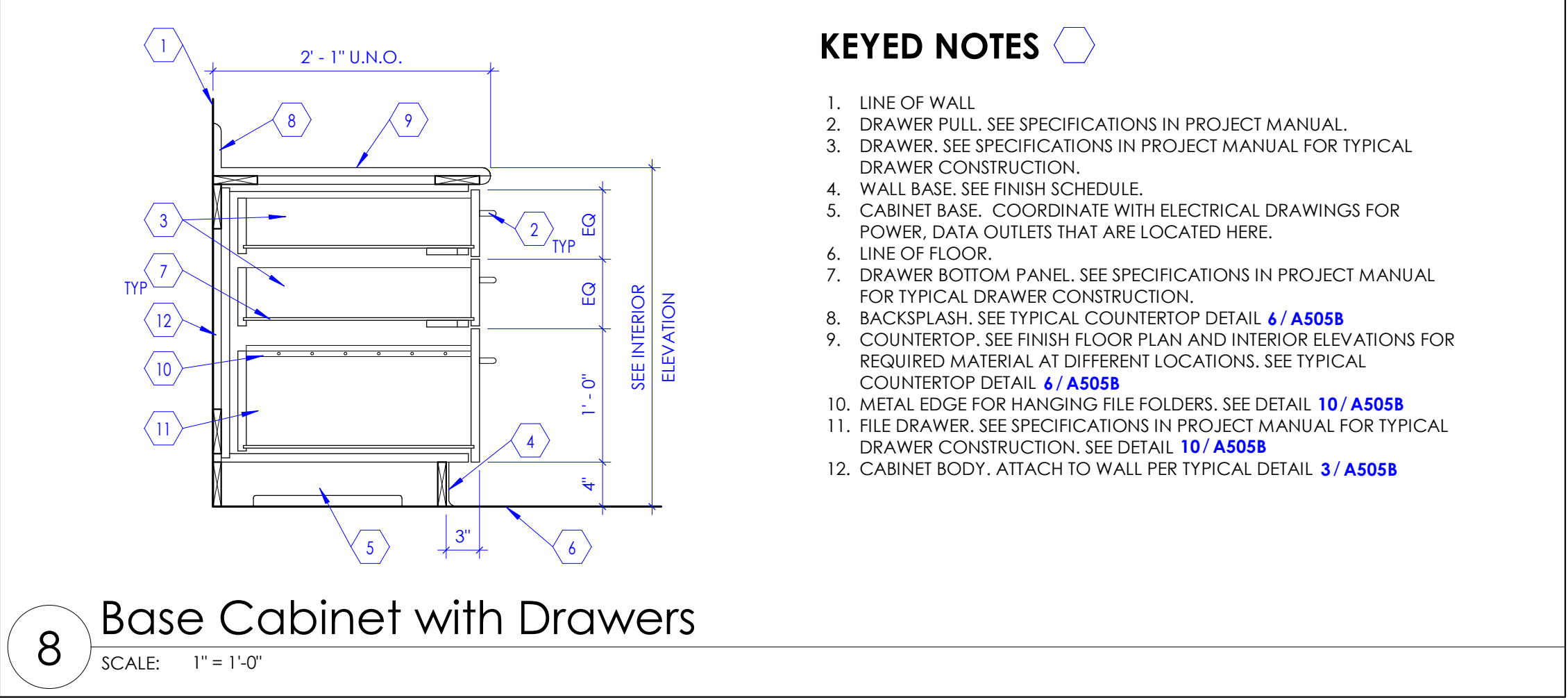
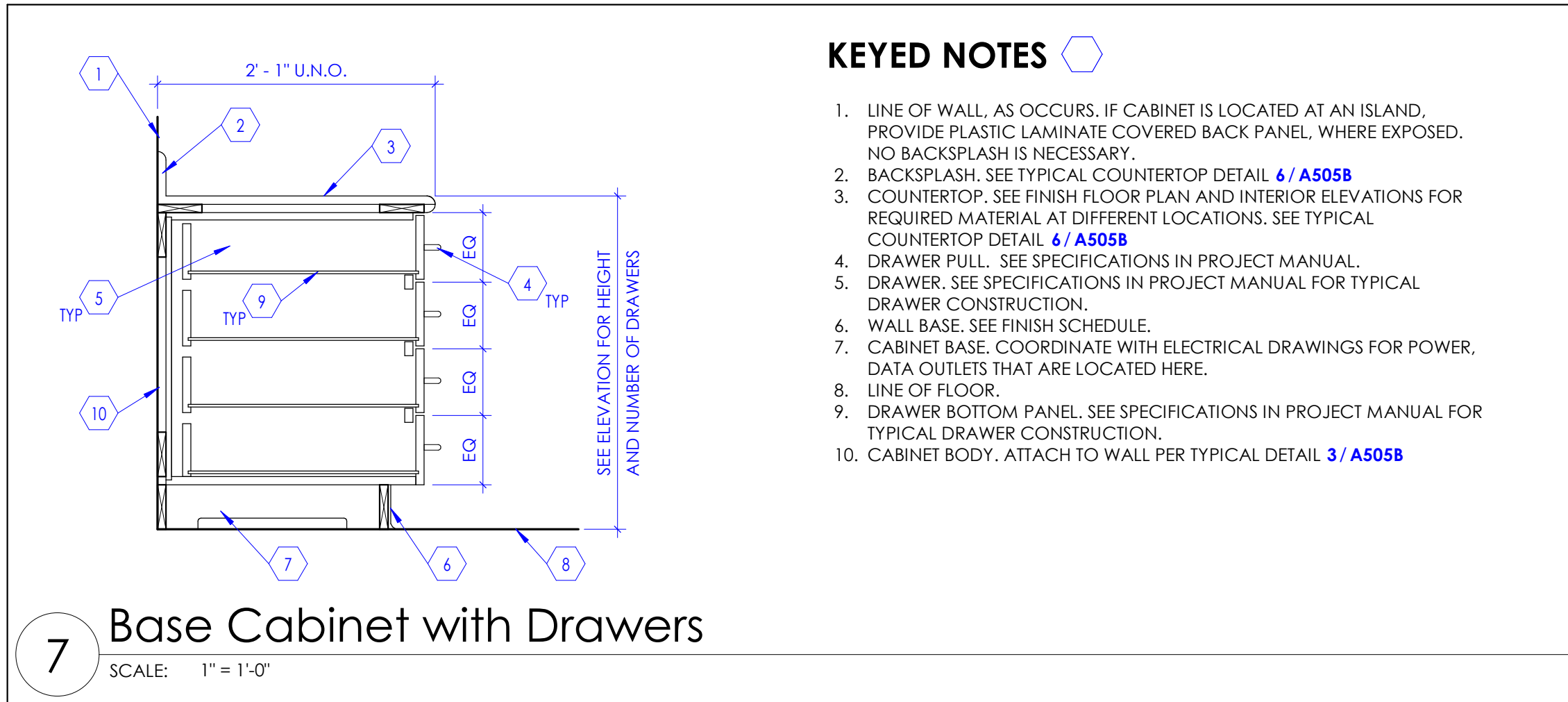
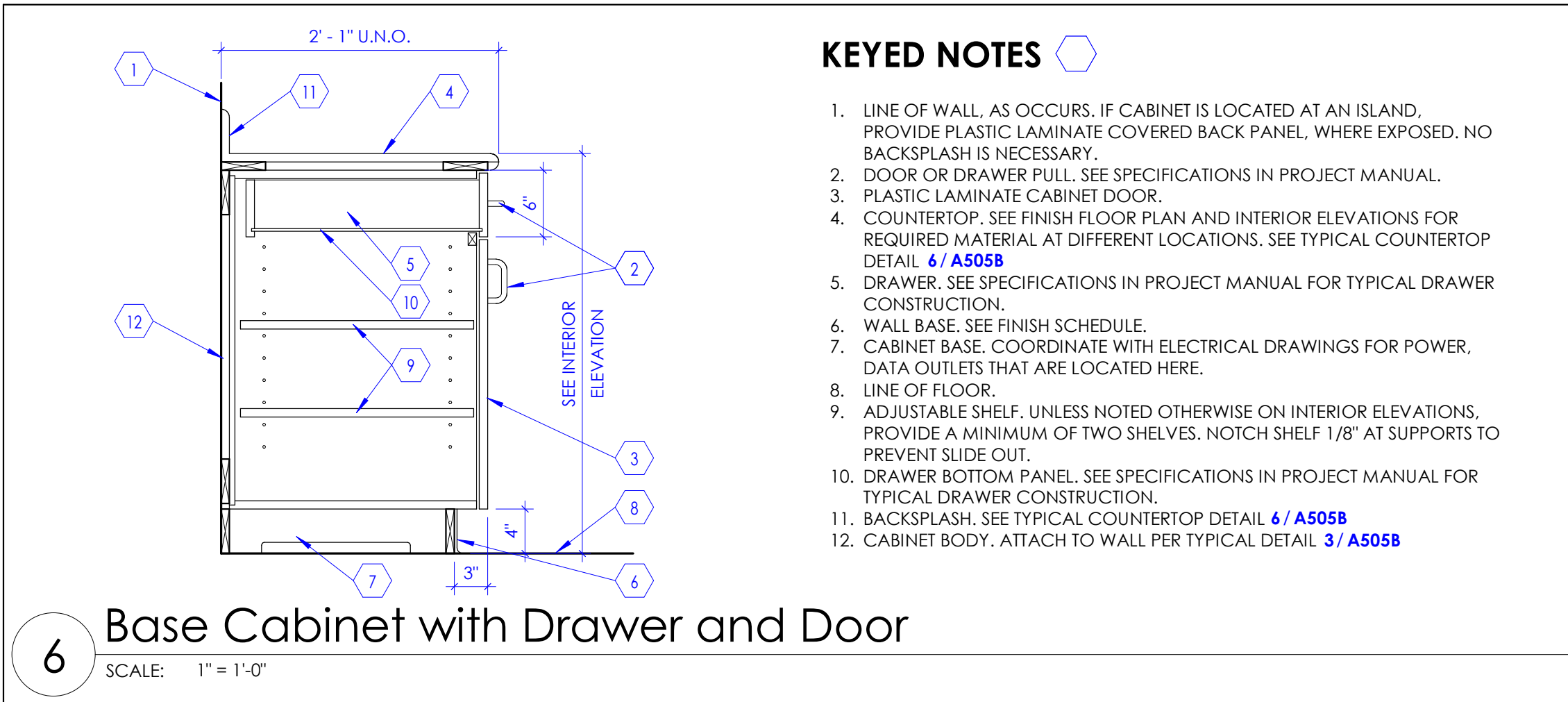
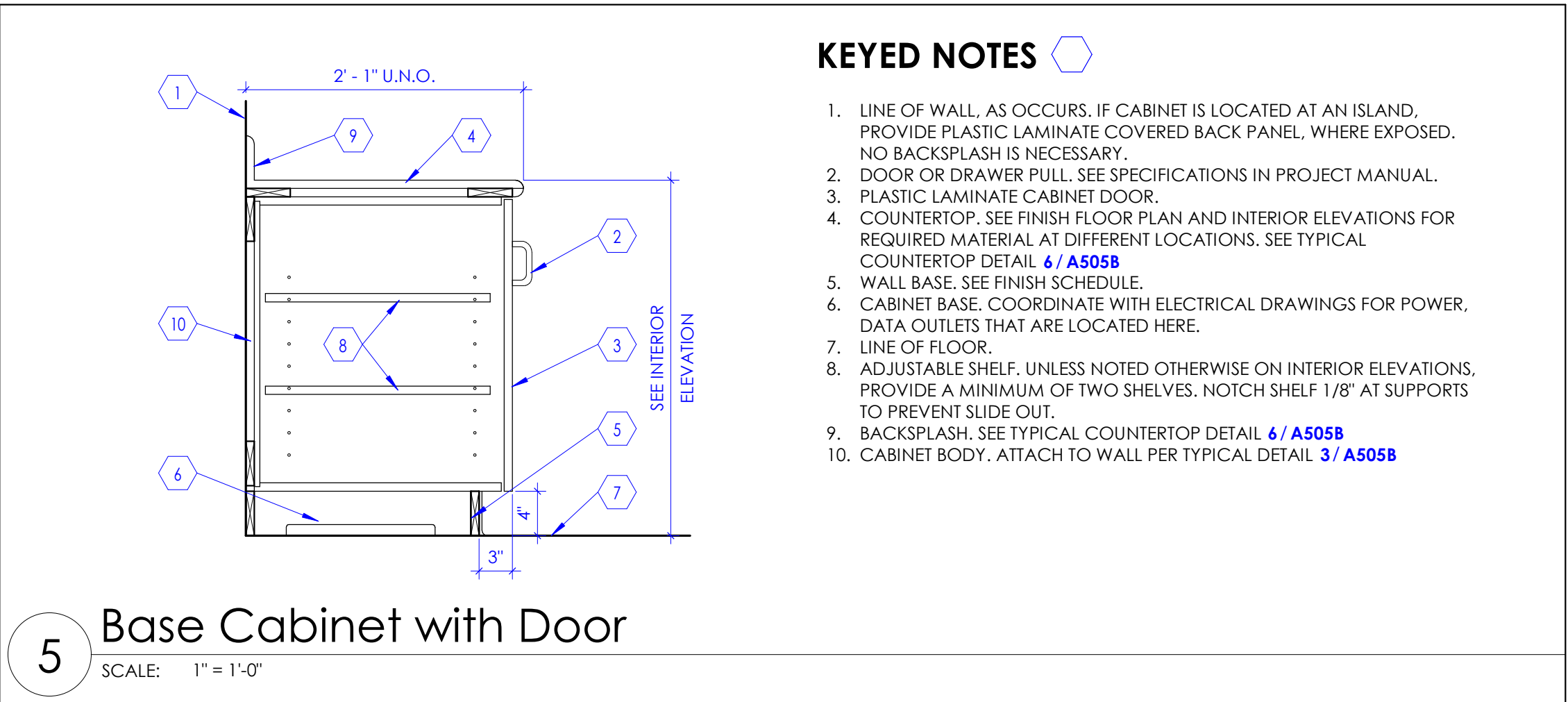
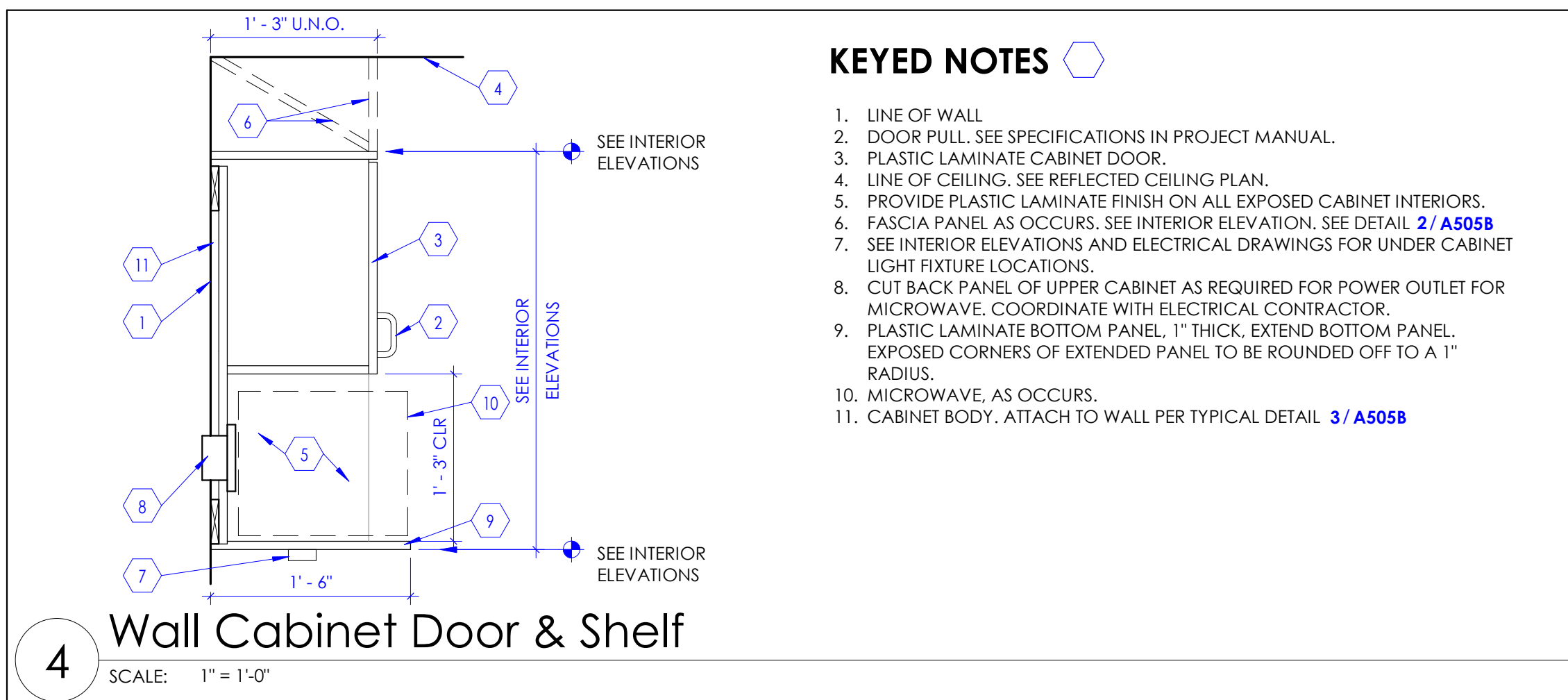
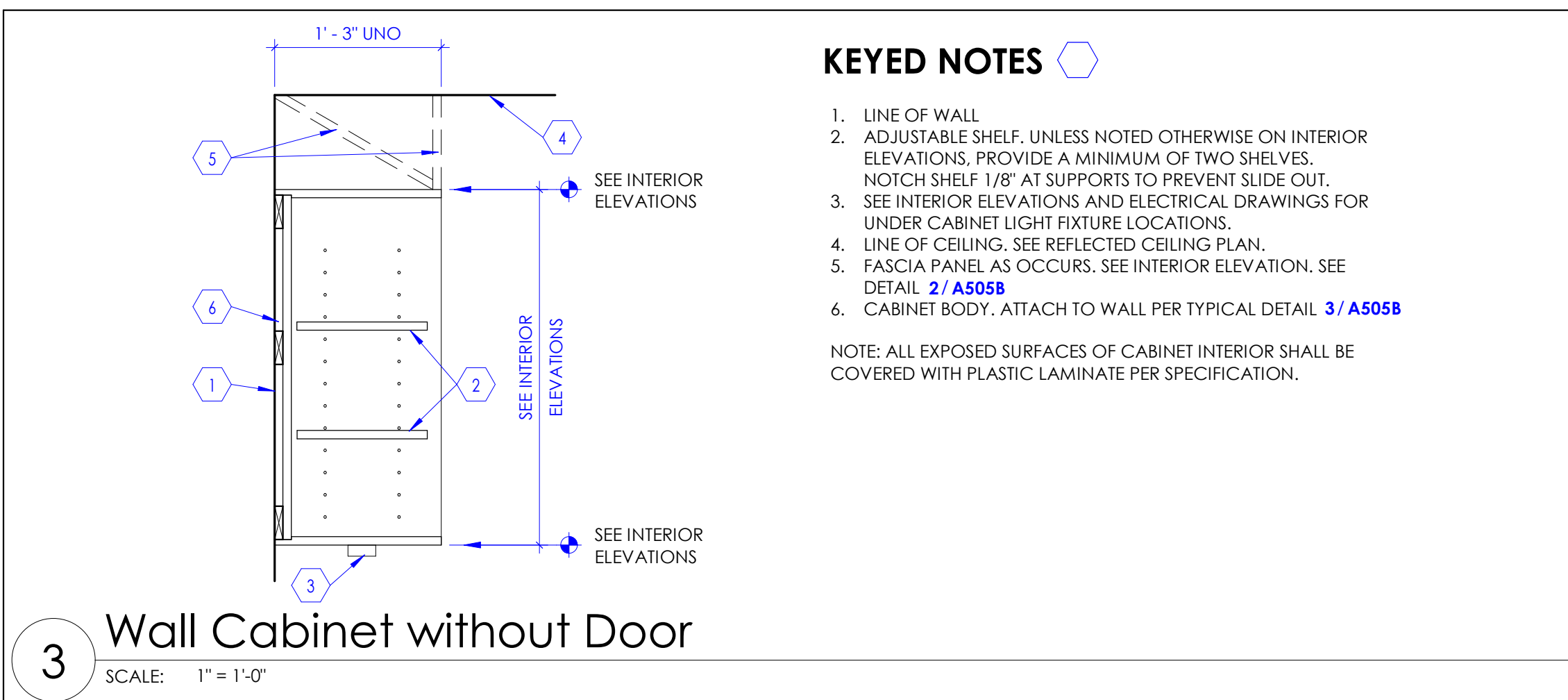
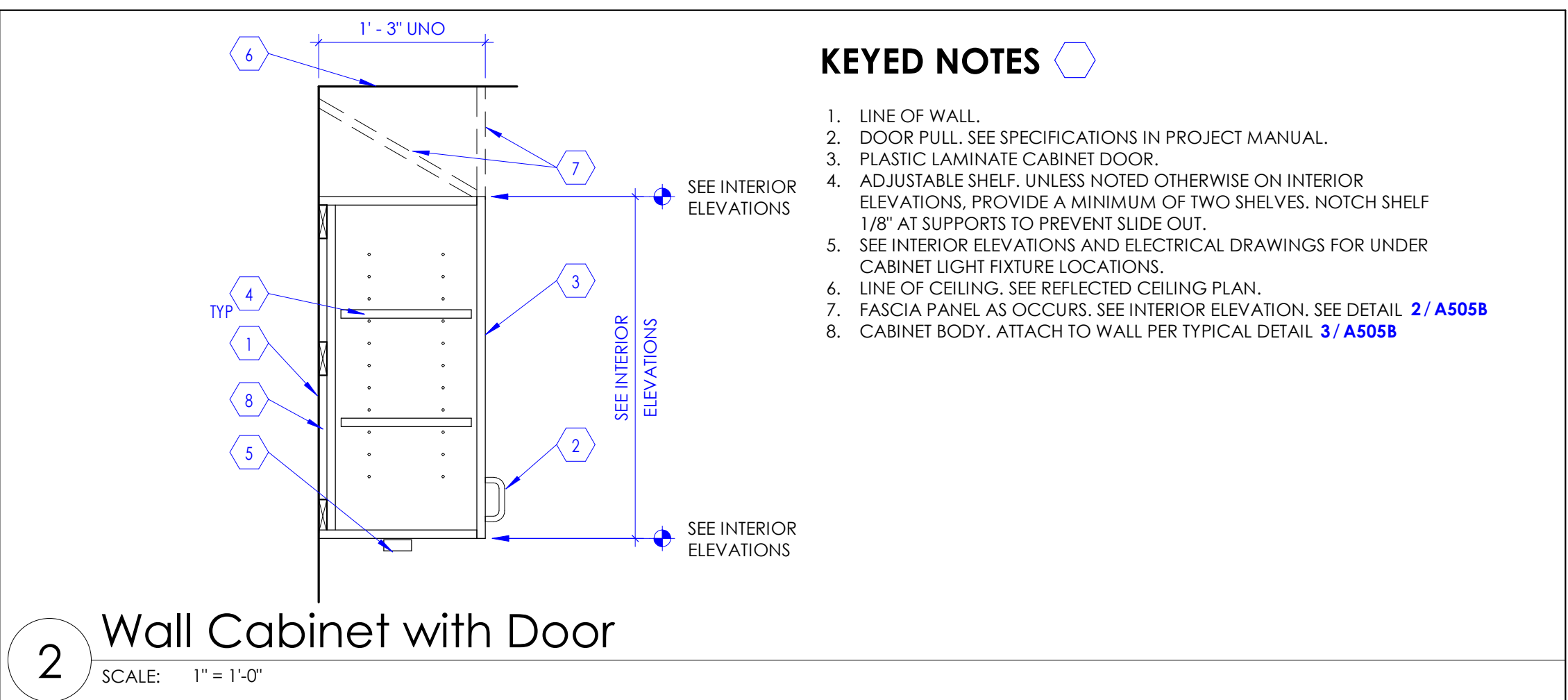
11 Suspended Ceiling Trapeze Detail
SCALE: 1/2" = 1'-0"





- KEYED NOTES**
- 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
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.
SCALE: 3/8" = 1'-0"



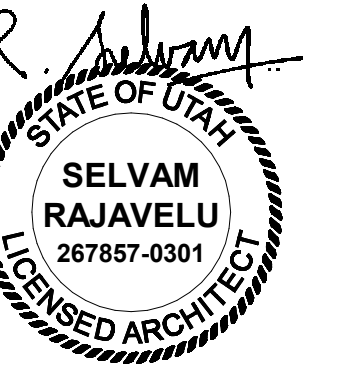
Intermountain Health
Intermountain Medical Center
Angio Lab #3 Remodel Project

5121 South Cottonwood Street
Murray, UT 84107

NJRA Project # 22247.00
Construction Documents June 30, 2023

Cabinet
Legend &
Details

A505A



KEYED NOTES

- END PANEL AT BOTH ENDS TO BE CONTINUOUS WITHOUT BREAK/REVEAL BETWEEN SLANTED FASCIA (DUST TOP) AND WALL OR FULL HEIGHT CABINET.
- SLANTED FASCIA (DUST TOP), TYPICAL MITERED AT CORNER.

1 Slanted Fascia (Dust Top) Miter Detail at Corner Cabinets
SCALE: 3/4" = 1'-0"

KEYED NOTES

- LINE OF WALL.
- LINE OF CEILING. SEE REFLECTED CEILING PLAN.
- BRACE PANEL. PROVIDE BRACE AS REQUIRED TO SUPPORT THE VERTICAL FASCIA PANEL. LOCATE BRACE AT 3'-0" O.C.
- SLANTED FASCIA PANEL. PLASTIC LAMINATE WRAPPED OVER PLYWOOD.
- WALL CABINET AS OCCURS.
- VERTICAL FASCIA. PLASTIC LAMINATE WRAPPED OVER PLYWOOD.

NOTE: FOR SLANTED FASCIA CORNER CONDITION, SEE DETAIL 1 / A505B. SEE INTERIOR ELEVATIONS FOR VERTICAL AND SLANTED FASCIA LOCATIONS.

2 Wall Cabinet Fascia
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

- LINE OF WALL.
- FASTENERS AS REQUIRED. ALIGN WITH STUDS WHERE POSSIBLE.
- STEEL BACKING PLATE. PLATE SHALL BE 1/2" GAUGE, 6" WIDE WITH REQUIRED LENGTH TO COVER CABINETS.
- SOLID WOOD BLOCKING, TYPICALLY ATTACHED TO CABINET BODY.
- COUNTERTOP AND BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B.
- CABINET BASE BOX. BOX SHALL BE BUILT WITH PLYWOOD, 3/4" THICK, PRESSURE TREATED. BASE BOX SHALL BE ANCHORED TO FLOOR WITH STEEL "L" CLIPS AND FASTENERS AS REQUIRED. BASE CABINET SHALL BE ATTACHED TO THE BASE BOX.
- LINE OF FLOOR.
- NEW WALL (OR EXISTING WALL WHERE OCCURS). SEE WALL TYPE FOR WALL CONSTRUCTION.

NOTE: WHEN CABINETS ARE MOUNTED TO CONCRETE WALL OR MASONRY (CMU BLOCKS) WALL, BACKING PLATES ARE NOT REQUIRED. PROVIDE COMPATIBLE MASONRY WALL ANCHORS AND FASTENERS TO ATTACH THE CABINETS.

3 Typical Cabinet Body Attachment to Walls
SCALE: 1" = 1'-0"

KEYED NOTES

- LINE OF FLOOR.
- WALL BASE. SEE FINISH SCHEDULE.
- LINE OF MASONRY OR CONCRETE WALL AS OCCURS.
- COUNTERTOP SUPPORT. PAINTED. SUPPORT SHALL BE STEEL ANGLE, 2"x2"x1/4". PIECES MITERED AND WELDED @ 90° ANGLE AS INDICATED. CHAMFER EXPOSED EDGE (BELOW COUNTERTOP EDGE) AND GRIND ALL EXPOSED EDGES SMOOTH. ATTACH SUPPORT TO MASONRY OR CONCRETE WALL WITH 3/8" EPOXY BOLTS, AS SHOWN. SUPPORTS SHALL BE LOCATED VERTICALLY ON WALL AT 4'-0" O.C. MAXIMUM.
- BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B.
- PROVIDE GROMMETS AT COMPUTER MONITOR LOCATIONS, KNEE SPACES, COUNTERTOP EQUIPMENT, ETC.
- COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B.

4 Steel Support For Countertop at Masonry & Concrete Walls
SCALE: 1" = 1'-0"

KEYED NOTES

- LINE OF FLOOR.
- WALL BASE. SEE FINISH SCHEDULE.
- WALL. SEE FLOOR PLAN & WALL TYPES.
- COUNTERTOP SUPPORT. PAINTED. SUPPORT SHALL BE STEEL ANGLE, 2"x2"x1/4". PIECES MITERED AND WELDED @ 90° ANGLE AS INDICATED. CHAMFER EXPOSED EDGES SMOOTH. ATTACH SUPPORT TO METAL STUDS INSIDE WALL WITH 1/4" BOLTS, AS SHOWN. AT FLOOR, PROVIDE 3" WIDE X 6" LONG X 1/4" THICK, BASE STEEL PLATE WELDED TO VERTICAL STEEL ANGLE. ATTACH BASE PLATE TO FLOOR WITH TWO 1/2" DIAMETER ANCHOR BOLTS (ON EITHER SIDE OF THE VERTICAL ANGLE) WITH 3" MINIMUM EMBED IN CONCRETE FLOOR. CONTRACTOR SHALL REVIEW INTERIOR ELEVATIONS AND LOCATE SUPPORTS DURING WALL CONSTRUCTION. SUPPORT SPACING SHALL NOT EXCEED 4'-0" O.C. MAXIMUM.
- BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B.
- PROVIDE GROMMETS AT COMPUTER MONITOR LOCATIONS, KNEE SPACES, COUNTERTOP EQUIPMENT, ETC.
- COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B.

5 Steel Support for Countertop at Stud Wall
SCALE: 1" = 1'-0"

KEYED NOTES

- COUNTERTOP. PLASTIC LAMINATE WRAPPED OVER WOOD SUBSTRATE, 3/4" THICK. SUBSTRATE SHALL BE AS PER ARCHITECTURAL WOODWORK INSTITUTE (AWI) STANDARDS FOR "PREMIUM" GRADE. PROVIDE FULL ROUND END CAP AS INDICATED. WHERE PLASTIC LAMINATE COUNTERTOP IS CALLED OUT AT SINK LOCATIONS, USE EXTERIOR GRADE MARINE PLYWOOD WITH AN IMPERVIOUS SEAL. SEE DETAIL 9 / A505B.
- BACKSPLASH. INTEGRAL. PLASTIC LAMINATE SHALL RUN CONTINUOUSLY FROM COUNTERTOP TO BACKSPLASH. BACKSPLASH SHALL HAVE A 3/4" RADIUS EDGE AT TOP AS INDICATED.
- PROVIDE FULL ROUND (BULL NOSE) EDGE AT ALL PLASTIC LAMINATE COUNTERTOPS, TYPICAL.
- BASE CABINET DOOR AS OCCURS.
- EXPOSED END OF THE COUNTERTOP SHALL BE WRAPPED WITH PLASTIC LAMINATE, UNLESS NOTED OTHERWISE. WHERE INDICATED IN FINISH FLOOR PLANS AND/OR INTERIOR ELEVATIONS, PROVIDE SOLID SURFACE END CAP AS PER DETAIL "E".
- SIDESPLASH. PLASTIC LAMINATE OVER WOOD SUBSTRATE, 3/4" THICK. SUBSTRATE SHALL BE AS PER ARCHITECTURAL WOODWORK INSTITUTE (AWI) STANDARDS FOR "PREMIUM" GRADE. PROVIDE CONTINUOUS CLEAR SEALANT WHERE SIDESPLASH ABUTS WALL AND COUNTERTOP. UNLESS NOTED OTHERWISE, SIDESPLASH IS REQUIRED AT ALL LOCATIONS WHERE COUNTERTOP ABUTS VERTICAL SURFACES SUCH AS WALLS, BUILDING COLUMNS, TALL CABINETS, ETC.
- COUNTERTOP. MONOLITHIC MATERIAL. ATTACH COUNTERTOP TO BASE CABINET AND/OR STEEL SUPPORTS WHERE OCCURS.
- PROVIDE 1/8" RADIUS AT ALL EXPOSED EDGE MATERIAL.
- BACKSPLASH. MONOLITHIC MATERIAL. ATTACH BACKSPLASH TO COUNTERTOP TO PERFORM AS INTEGRAL BACKSPLASH. PROVIDE CONTINUOUS CLEAR SEALANT WHERE SIDESPLASH ABUTS WALL.
- SIDESPLASH. MONOLITHIC MATERIAL. ATTACH SIDESPLASH TO WALL. PROVIDE CONTINUOUS CLEAR SEALANT WHERE SIDESPLASH ABUTS WALL AND COUNTERTOP. UNLESS NOTED OTHERWISE, SIDESPLASH IS REQUIRED AT ALL LOCATIONS WHERE COUNTERTOP ABUTS VERTICAL SURFACES SUCH AS WALLS, BUILDING COLUMNS, TALL CABINETS, ETC.
- BASE CABINET AS OCCURS. SEE INTERIOR ELEVATIONS. AT KNEE SPACE LOCATIONS AND WHERE THERE ARE NO BASE CABINETS TO SUPPORT THE COUNTERTOP, PROVIDE STEEL SUPPORTS PER DETAILS 4 / A505B AND 5 / A505B.
- END CAP. SOLID SURFACE MATERIAL ATTACHED TO COUNTERTOP. PROVIDE MATCHING BULL NOSE EDGE AT FRONT AND 1/8" RADIUS EDGE AS INDICATED.
- LINE OF WALL.

6 Typical Countertop Detail
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 PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
- PLASTIC LAMINATE CABINET DOOR.
- WALL BASE. SEE FINISH SCHEDULE.
- CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
- LINE OF FLOOR.
- SEAL TIGHTLY AROUND PIPE PENETRATIONS WITH CAULKING. PROVIDE STAINLESS STEEL ESCUTCHEON PLATE AROUND DRAIN AND WATER LINES.
- BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 9 / A505B.
- SINK. SEE PLUMBING DRAWINGS AND ARCHITECTURAL DRAWINGS FOR INTERIOR DIMENSIONS AND LOCATION. SEE DETAIL 4 / 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.

7 Sink with Base Cabinet
SCALE: 1" = 1'-0"

KEYED NOTES

- STAINLESS STEEL SINK. SEE PLUMBING DRAWINGS AND ARCHITECTURAL DRAWINGS FOR INTERIOR DIMENSIONS AND LOCATION.
- INTEGRAL MONOLITHIC MATERIAL SINK. SEE PLUMBING DRAWINGS AND ARCHITECTURAL DRAWINGS FOR INTERIOR DIMENSIONS AND LOCATION.
- COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B.
- BASE CABINET OR FASCIA PANEL AS OCCURS. SEE INTERIOR ELEVATIONS.
- LINE OF WALL.
- SEAL EXPOSED CUT EDGE OF COUNTERTOP WITH SEALER TO PREVENT WATER DAMAGE.
- PROVIDE SMOOTH AND SEAMLESS TRANSITION WHERE SINK IS ATTACHED TO COUNTERTOP. UNLESS NOTED OTHERWISE, SINK COLOR SHALL MATCH COUNTERTOP COLOR. VERIFY WITH ARCHITECT FOR SINK COLOR IF A MATCHING PREFORMED SINK IS NOT AVAILABLE.

8 Typical Sink Detail
SCALE: 1" = 1'-0"

KEYED NOTES

- DRAWER BOTTOM PANEL. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- FILE DRAWER BODY.
- ALUMINUM STRIP (2" WIDE X 1/8" THICK) ATTACHED TO DRAWER BODY WITH FASTENERS AT 4" O.C. SHIM AS REQUIRED.
- FILE FOLDER. OWNER FURNISHED OWNER INSTALLED ITEM.
- DRAWER SLIDE.

9 File Drawer Section
SCALE: 3/4" = 1'-0"

KEYED NOTES

- LINE OF WALL.
- EXTEND THIS WALL CABINET TO WALL AS INDICATED.
- FIXED SHELF.
- OUTLINE OF CABINET THAT OCCURS ON SIDE WALL.
- OUTLINE OF CABINET THAT OCCURS ON FRONT WALL.
- FILLER PANEL. PLASTIC LAMINATE OVER 3/4" PARTICLE BOARD, AS REQUIRED.

10 Wall Cabinet - Extended at Corners
SCALE: 1" = 1'-0"

KEYED NOTES

- LINE OF WALL.
- KNEE AND TOE CLEARANCE REQUIRED FOR ADA.
- SKIRT PANEL. PLASTIC LAMINATE REMOVABLE ACCESS PANEL WITH 2" ALUMINUM Z-CLIPS MOUNTED ON BACK SIDE OF PANEL (TOTAL 4 CLIPS - TWO ON EACH SIDE OF PANEL).
- PLASTIC LAMINATE SUPPORT PANEL. 2" X 2" X 1" THICK X CONT. ANCHORED TO CABINET. THIS PANEL TO BE ON EACH END OF CABINET TO SUPPORT ACCESS PANEL. INSTALL TWO ALUMINUM Z-CLIPS ON EACH SIDE OF CABINET TO SUPPORT ACCESS PANEL. OPENING ABOVE PANEL TO BE KEPT AT MINIMUM JUST ENOUGH TO REMOVE ACCESS PANEL.
- WALL BASE. SEE FINISH SCHEDULE.
- LINE OF FLOOR.
- SEAL TIGHTLY AROUND PIPE PENETRATIONS WITH CAULKING. PROVIDE STAINLESS STEEL ESCUTCHEON AROUND DRAIN AND WATER LINES.
- COUNTERTOP. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B.
- BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B.
- SINK. SEE PLUMBING DRAWINGS. SINK SHALL PROVIDE ADA COMPLIANT BOWL DEPTH. SEE DETAIL 9 / A505B.
- PLASTIC LAMINATE FASCIA PANEL.
- CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3 / A505B.

NOTE: PROVIDE STEEL SUPPORT WITHIN ASSEMBLY WHERE COUNTER IS UNSUPPORTED, TYP.

11 Sink without Base Cabinet
SCALE: 1" = 1'-0"

KEYED NOTES

- LINE OF WALL.
- FASTENERS AS REQUIRED. ALIGN WITH STUDS WHERE POSSIBLE.
- STEEL BACKING PLATE. PLATE SHALL BE 1/2" GAUGE, 6" WIDE WITH REQUIRED LENGTH TO COVER CABINETS.
- SOLID WOOD BLOCKING, TYPICALLY ATTACHED TO CABINET BODY.
- COUNTERTOP AND BACKSPLASH. SEE TYPICAL COUNTERTOP DETAIL 6 / A505B.
- CABINET BASE BOX. BOX SHALL BE BUILT WITH PLYWOOD, 3/4" THICK, PRESSURE TREATED. BASE BOX SHALL BE ANCHORED TO FLOOR WITH STEEL "L" CLIPS AND FASTENERS AS REQUIRED. BASE CABINET SHALL BE ATTACHED TO THE BASE BOX.
- LINE OF FLOOR.
- NEW WALL (OR EXISTING WALL WHERE OCCURS). SEE WALL TYPE FOR WALL CONSTRUCTION.

NOTE: WHEN CABINETS ARE MOUNTED TO CONCRETE WALL OR MASONRY (CMU BLOCKS) WALL, BACKING PLATES ARE NOT REQUIRED. PROVIDE COMPATIBLE MASONRY WALL ANCHORS AND FASTENERS TO ATTACH THE CABINETS.

12 Typical Sink Detail
SCALE: 1" = 1'-0"

KEYED NOTES

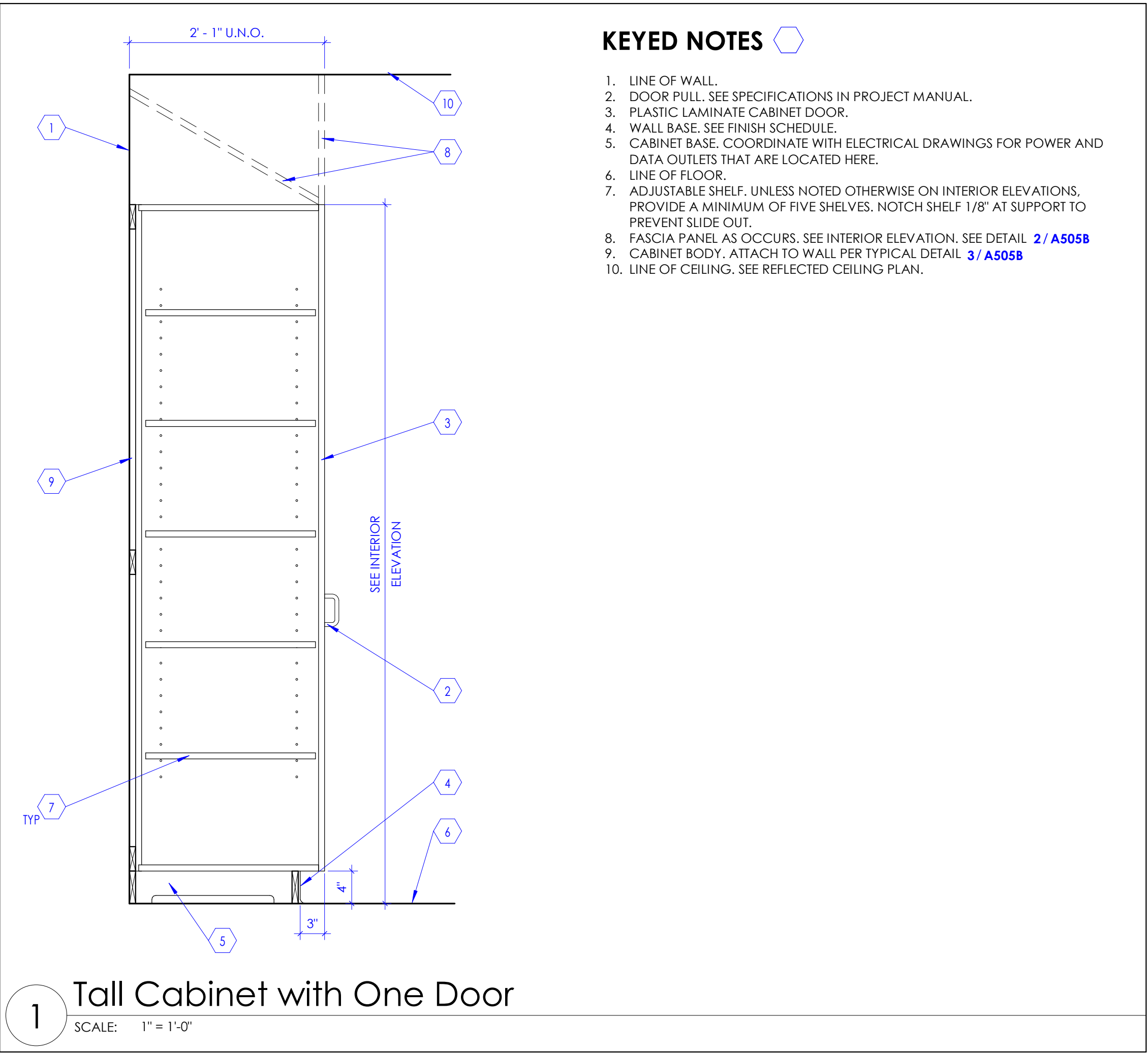
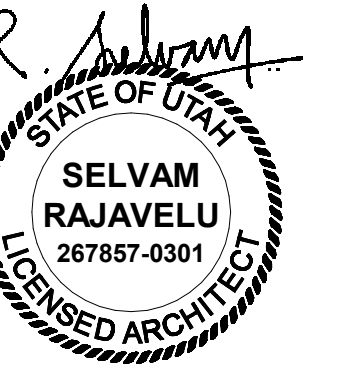
- DRAWER BOTTOM PANEL. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
- FILE DRAWER BODY.
- ALUMINUM STRIP (2" WIDE X 1/8" THICK) ATTACHED TO DRAWER BODY WITH FASTENERS AT 4" O.C. SHIM AS REQUIRED.
- FILE FOLDER. OWNER FURNISHED OWNER INSTALLED ITEM.
- DRAWER SLIDE.

13 File Drawer Section
SCALE: 3/4" = 1'-0"

KEYED NOTES

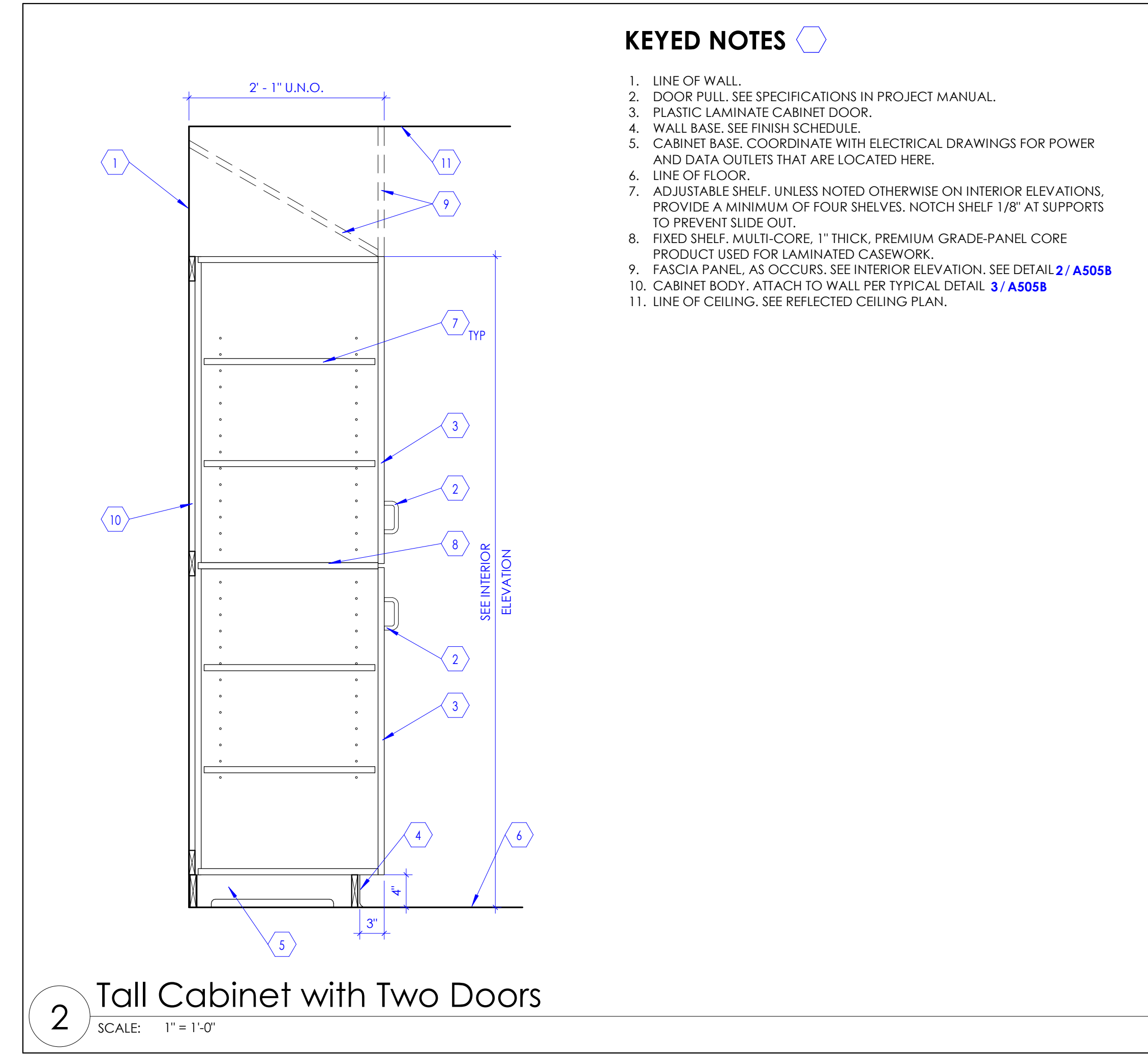
- LINE OF WALL.
- EXTEND THIS WALL CABINET TO WALL AS INDICATED.
- FIXED SHELF.
- OUTLINE OF CABINET THAT OCCURS ON SIDE WALL.
- OUTLINE OF CABINET THAT OCCURS ON FRONT WALL.
- FILLER PANEL. PLASTIC LAMINATE OVER 3/4" PARTICLE BOARD, AS REQUIRED.

14 Wall Cabinet - Extended at Corners
SCALE: 1" = 1'-0"



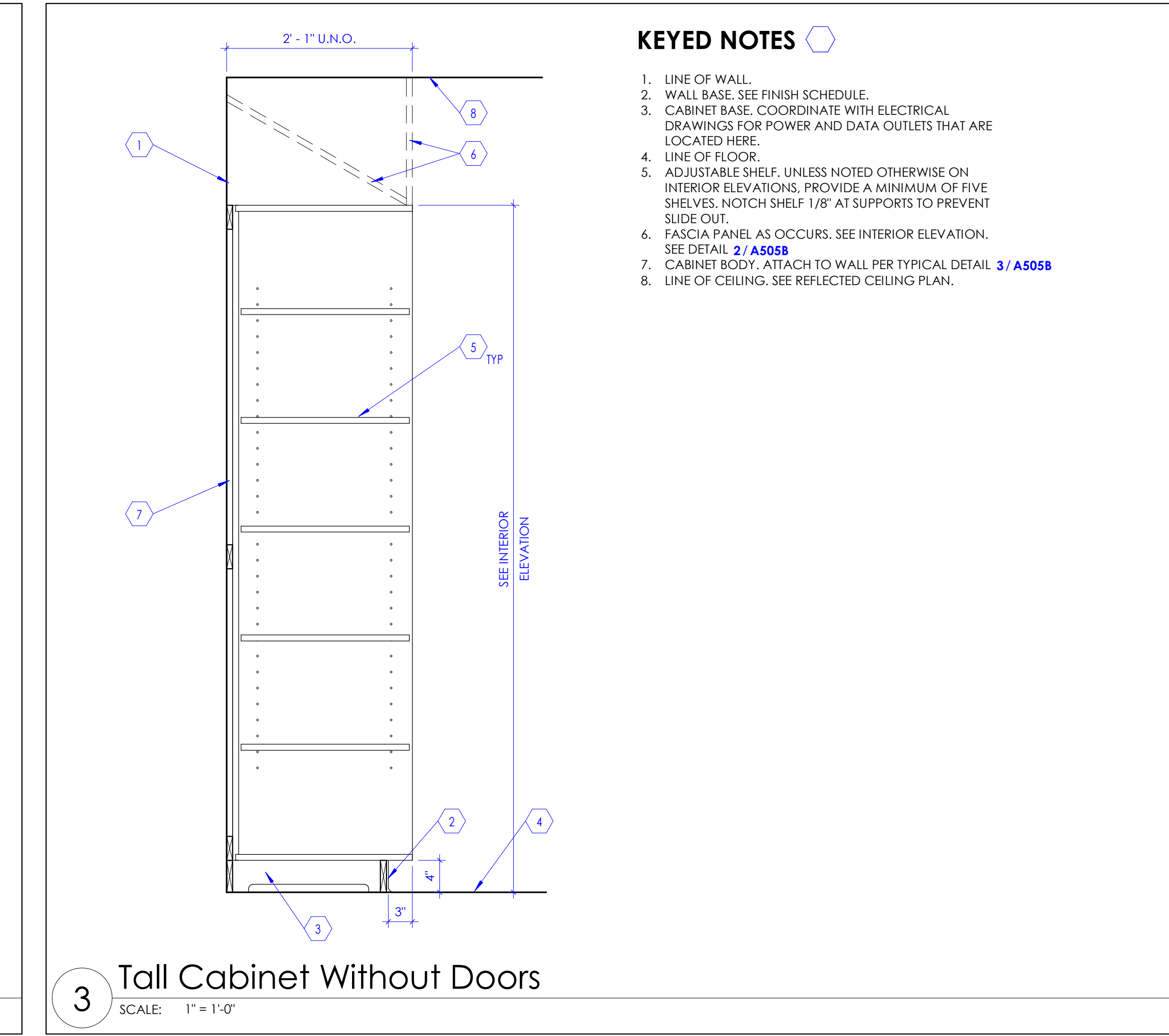
- KEYED NOTES**
1. LINE OF WALL.
 2. DOOR PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
 3. PLASTIC LAMINATE CABINET DOOR.
 4. WALL BASE. SEE FINISH SCHEDULE.
 5. CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER AND DATA OUTLETS THAT ARE LOCATED HERE.
 6. LINE OF FLOOR.
 7. ADJUSTABLE SHELF. UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF 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"



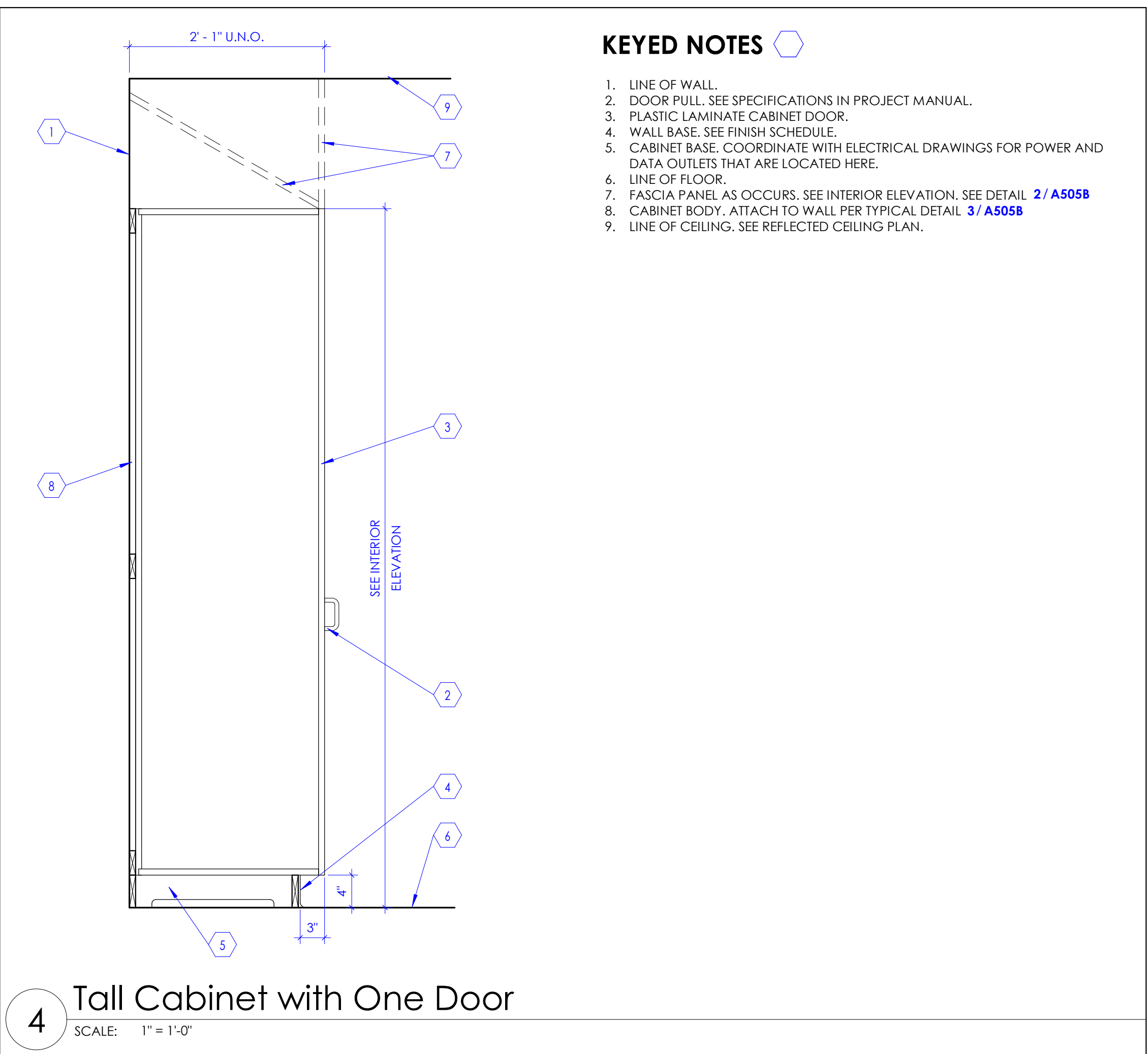
- KEYED NOTES**
1. LINE OF WALL.
 2. DOOR PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
 3. PLASTIC LAMINATE CABINET DOOR.
 4. WALL BASE. SEE FINISH SCHEDULE.
 5. CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER AND DATA OUTLETS THAT ARE LOCATED HERE.
 6. LINE OF FLOOR.
 7. ADJUSTABLE SHELF. 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"



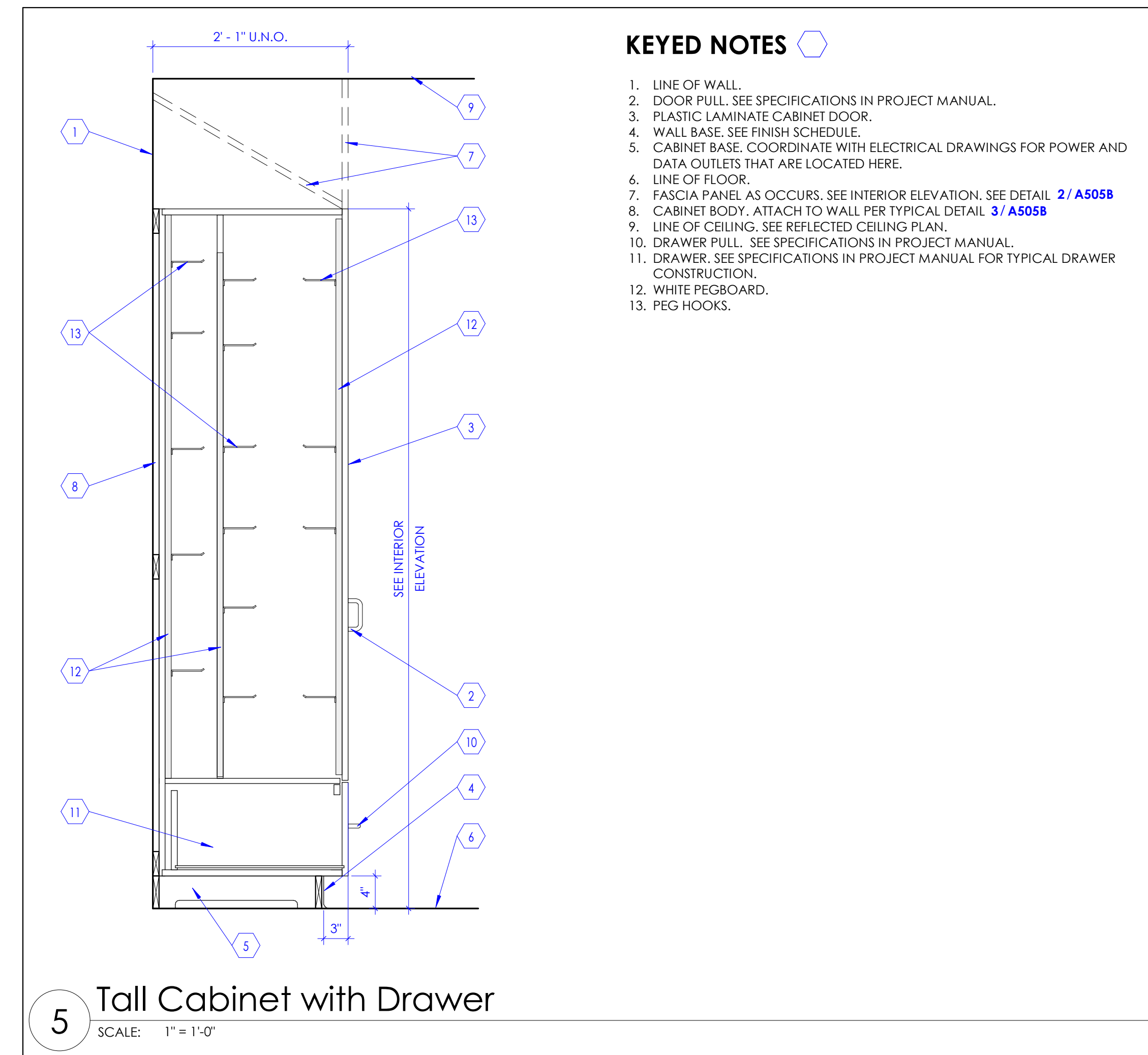
- KEYED NOTES**
1. LINE OF WALL.
 2. WALL BASE. SEE FINISH SCHEDULE.
 3. CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER AND DATA OUTLETS THAT ARE LOCATED HERE.
 4. LINE OF FLOOR.
 5. ADJUSTABLE SHELF. UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF FIVE SHELVES, NOTCH 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"



- 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. FASCIA PANEL AS OCCURS. SEE INTERIOR ELEVATION. SEE DETAIL 2 / A505B
 8. CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3 / A505B
 9. LINE OF CEILING. SEE REFLECTED CEILING PLAN.

4 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. FASCIA PANEL AS OCCURS. SEE INTERIOR ELEVATION. SEE DETAIL 2 / A505B
 8. CABINET BODY. ATTACH TO WALL PER TYPICAL DETAIL 3 / A505B
 9. LINE OF CEILING. SEE REFLECTED CEILING PLAN.
 10. DRAWER PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
 11. DRAWER. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
 12. WHITE PEGBOARD.
 13. PEG HOOKS.

5 Tall Cabinet with Drawer
SCALE: 1" = 1'-0"

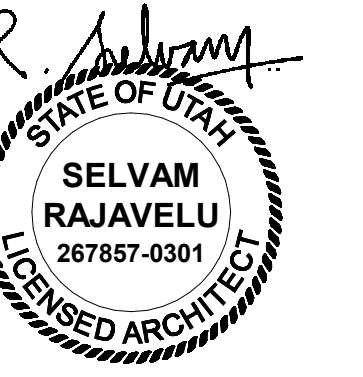
Intermountain Health
Intermountain Medical Center
Angio Lab #3 Remodel Project

5121 South Cottonwood Street
Murray, UT 84107

NJRA Project # 22247.00
Construction Documents June 30, 2023

Cabinet
Details

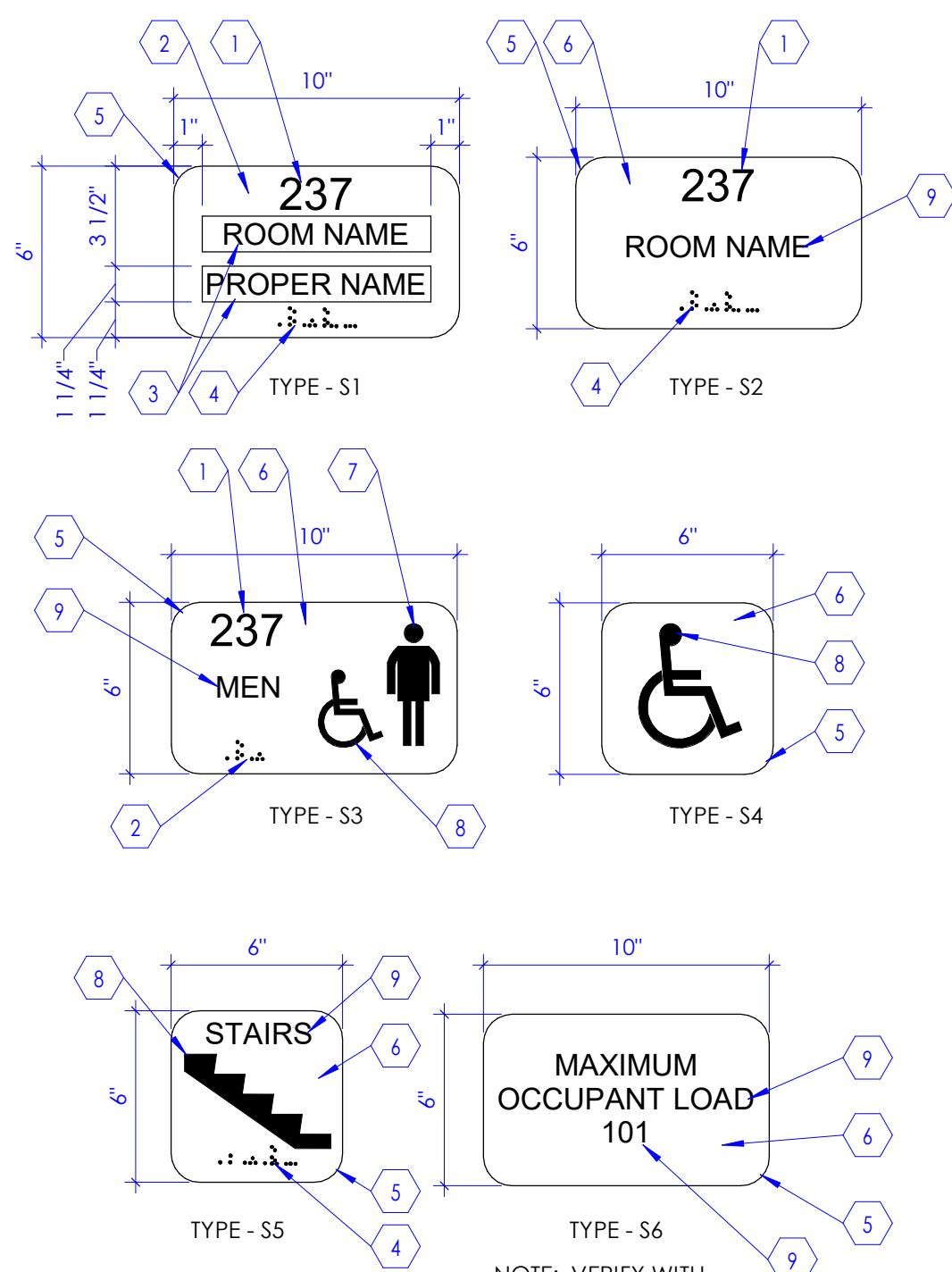
A505C



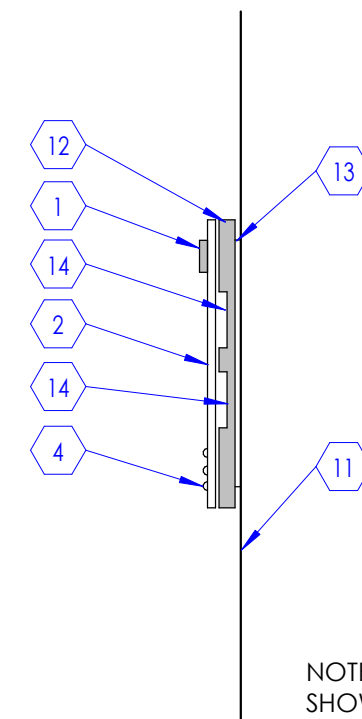
KEYED NOTES

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

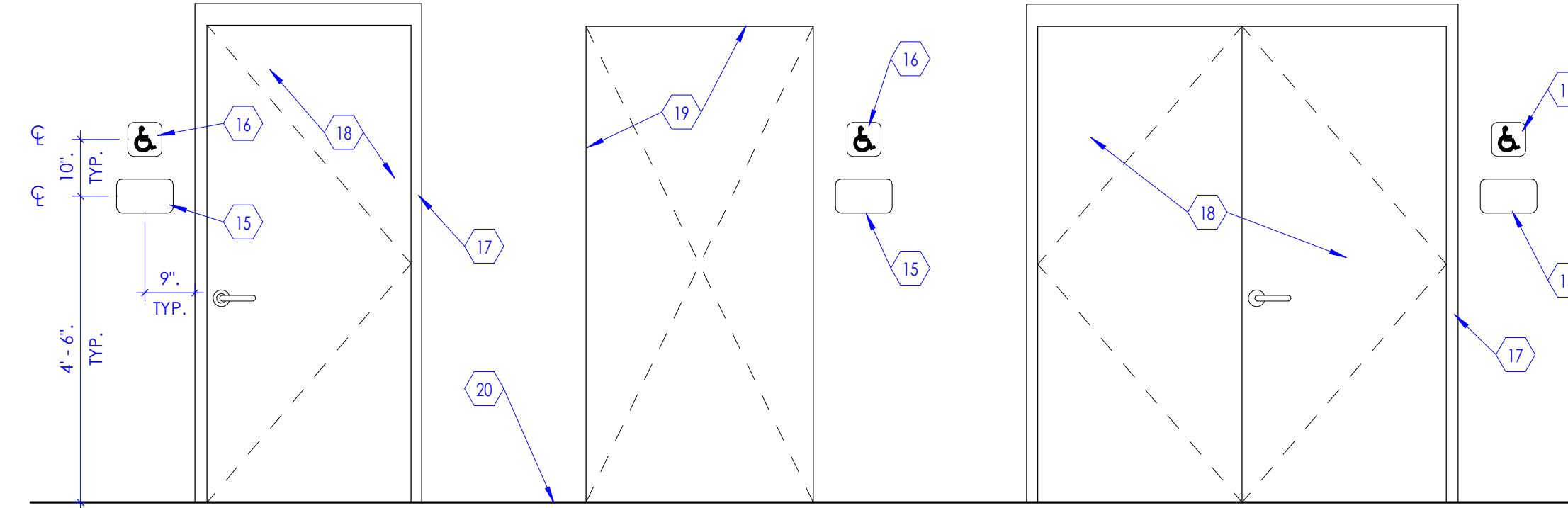
- NOTE:
- PROVIDE ROOM SIGN AT EACH DOORWAY OR A WALL OPENING LEADING TO A ROOM. SEE FINISH FLOOR PLAN FOR REQUIRED NUMBER OF SIGNS, SIGN TYPE, ROOM NAMES, ETC.
 - SIGN CONTRACTOR SHALL COORDINATE WITH OWNER AND PROVIDE TEXT INSERTS FOR OCCUPANTS PROPER NAME FOR ALL "TYPE S1" WALL SIGNS.
 - ALL COLORS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



A Sign Types
SCALE: 2" = 1'-0"



B Sign Mounting
SCALE: 3" = 1'-0"

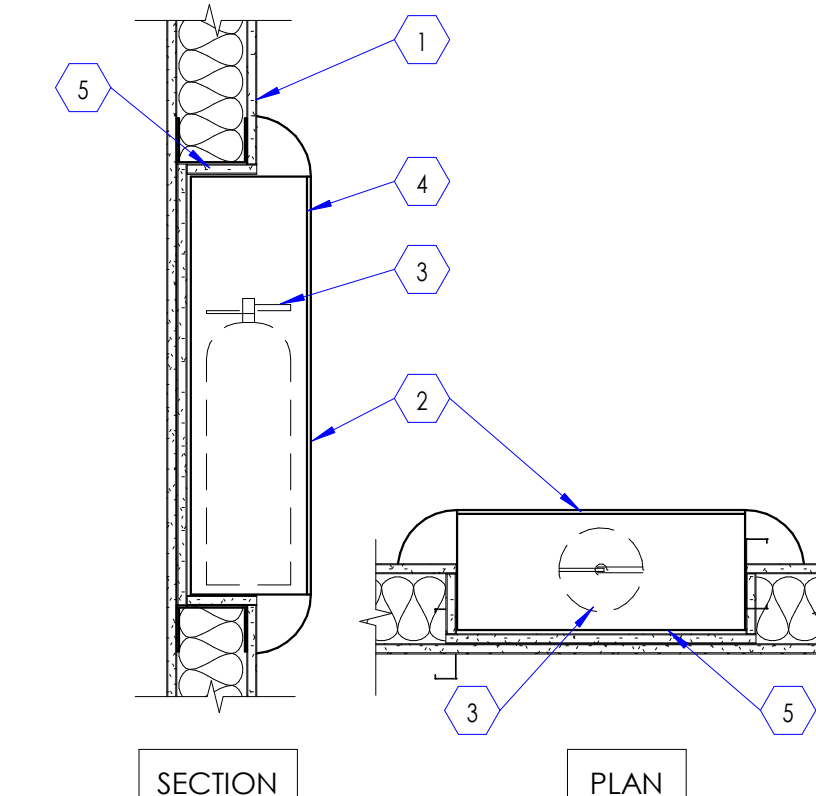


C Sign Mounting Elevations
SCALE: 1/2" = 1'-0"

NOTE: SIGNAGE DETAIL PROVIDED FOR REFERENCE ONLY. SIGNAGE TO BE OWNER FURNISHED AND INSTALLED. COORDINATE WITH OWNER FOR MORE INFORMATION.

KEYED NOTES

- GYPSUM BOARD, 5/8" THICK. (USE TYPE 'X' IF WALLS ARE FIRE RATED) ATTACHED TO METAL STUD.
- FIRE EXTINGUISHER CABINET, SEMI RECESSED. VERIFY WITH MANUFACTURER FOR ROUGH OPENING SIZE REQUIREMENTS.
- HAND HELD FIRE EXTINGUISHER.
- CABINET DOOR.
- COVER ALL SIDES OF CABINET WITH 5/8" THICK, TYPE 'X' GYPSUM BOARD.



2 Fire Extinguisher Cabinet Detail
SCALE: 1" = 1'-0"

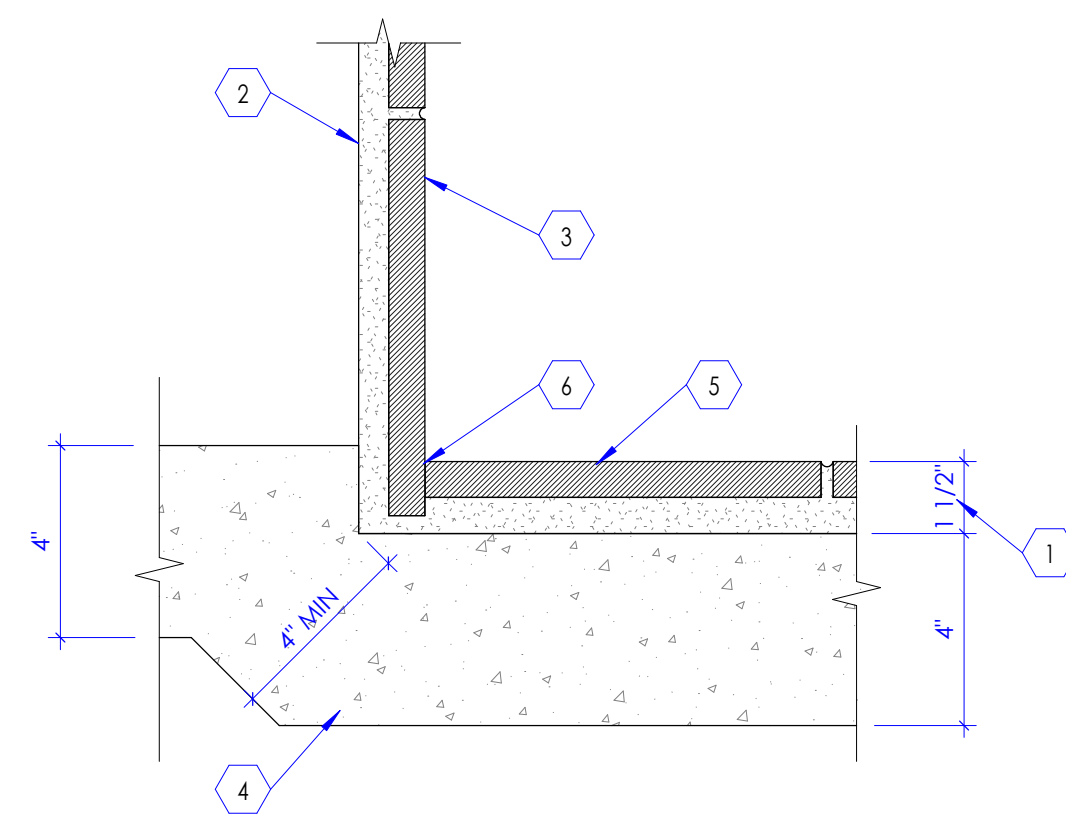
2 Fire Extinguisher Cabinet Detail
SCALE: 1" = 1'-0"

1 Room Signage Detail

SCALE: N.T.S.

KEYED NOTES

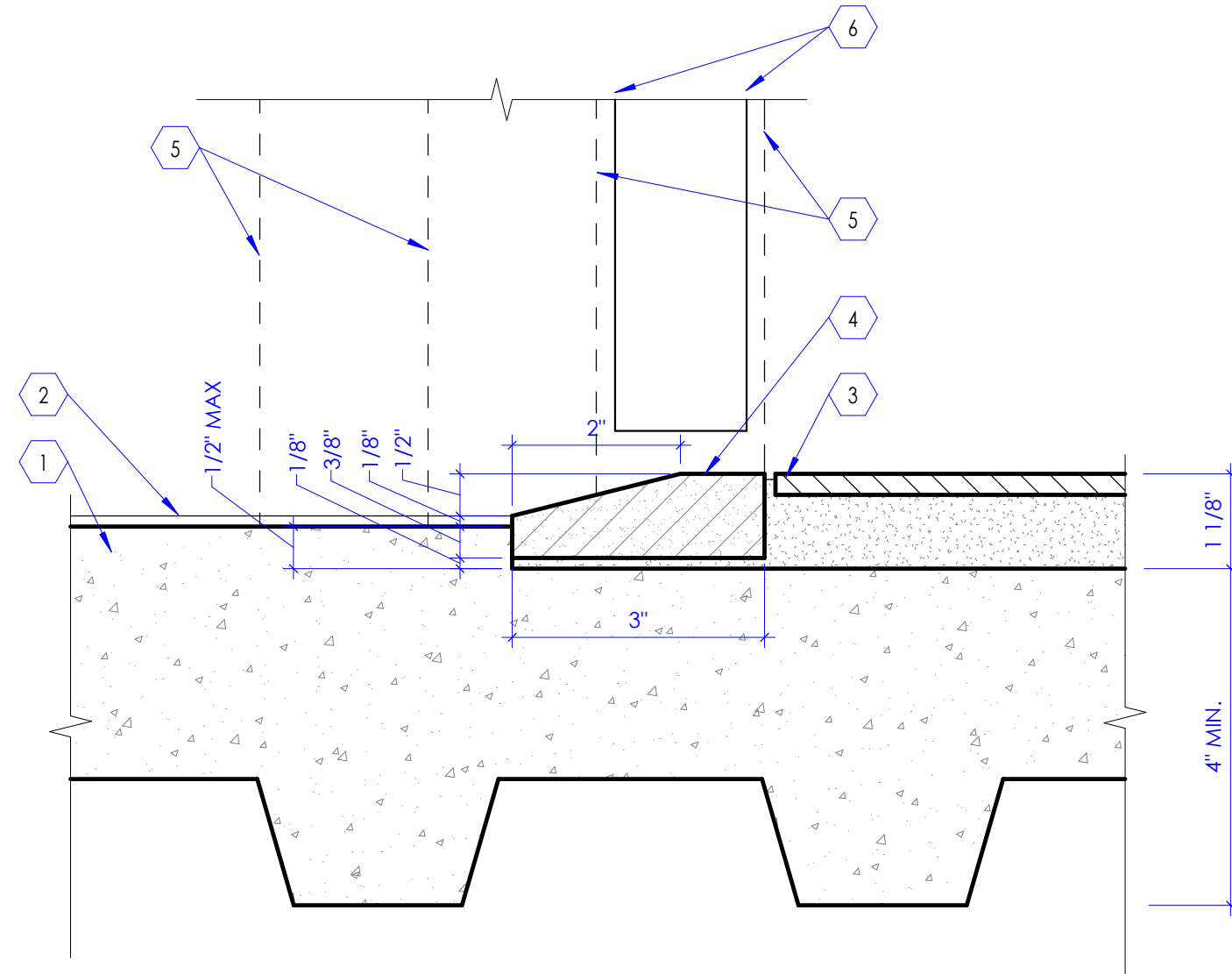
- THIS DIMENSION SHALL BE 3" MAXIMUM AT ROOM PERIMETER AND 1-1/2" AT FLOOR DRAINS. SLOPE MORTAR BED ACCORDINGLY FROM HIGH POINT TO LOW POINT AT FLOOR DRAINS FOR WATER DRAINAGE.
- LINE OF WALL.
- WALL TILE, SEE FINISH SCHEDULE. INTALL THE BOTTOM ROW FIRST PRIOR TO FLOOR TILE INSTALLATION.
- CONCRETE SLAB AS OCCURS.
- FLOOR TILE IN SETTING BED OVER RECESSED CONCRETE SLAB. SEE FINISH SCHEDULE. CUT TILE ALONG ROOM PERIMETER AS REQUIRED.
- SET FLOOR TILE ABUTTING WALL TILE WITHOUT GROUT JOINT.



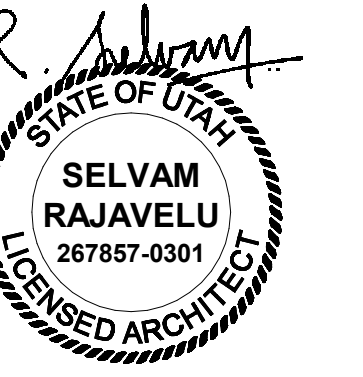
3 Tile Base Detail (With Recess in Concrete Slab on Grade)
SCALE: 3" = 1'-0"

KEYED NOTES

- CONCRETE FLOOR.
- LINE OF FINISH FLOOR. SEE FINISH SCHEDULE.
- TILE, SEE FINISH SCHEDULE. GENTLY SLOPE SETTING BED TOWARDS DRAIN.
- QUARTZ THRESHOLD, SLOPE NOT TO EXCEED 1:2.
- DOOR FRAME (AS OCCURS), SEE DOOR SCHEDULE.
- DOOR (AS OCCURS), SEE DOOR SCHEDULE.



4 Quartz Threshold (at Concrete on Metal Floor Deck Locations)
SCALE: 6" = 1'-0"



DOOR SCHEDULE

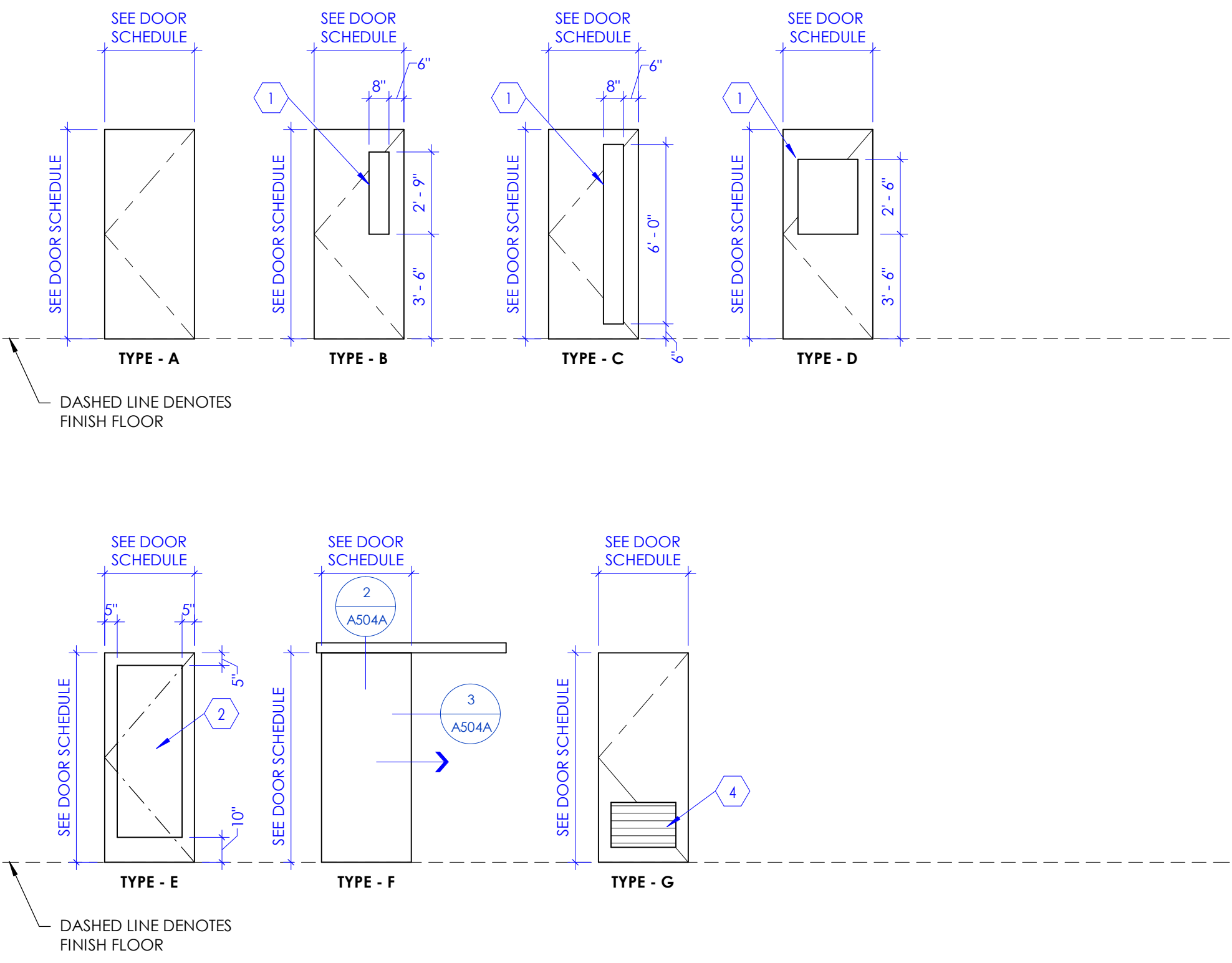
DOOR #	# OF PANELS	WIDTH		DOOR SIZE				FRAME			DETAILS			DOOR #	FIRE RATING (MINUTES)	HARDWARE GROUP	COMMENTS
		W1	W2	HEIGHT	THICKNESS	MATERIAL	TYPE (1/A601A)	TYPE (2/A601A)	DEPTH	MATERIAL	JAMB	HEAD	THRESHOLD				
A112	1	3'-0"	EXIST.	7'-0"	1 3/4"	WD	B	1	7 1/8"	HM	1/A504A	1/A504A	A112	45	01	1, 2	
A113A	1	3'-6"		7'-0"	2"	AL	F	-	-	-	3/A504A	2/A504A	A113A		02	3, 4	
A113B	1	3'-6"		7'-0"	2"	AL	F	-	-	-	3/A504A	2/A504A	A113B		02	3, 4	
A114A	2	2'-6"	2'-6"	7'-0"	1 3/4"	WD	G	1	5 7/8"	HM	1/A504A	1/A504A	A114A		03	5, 6	
A114B	2	2'-6"	2'-6"	7'-0"	1 3/4"	WD	G	1	5 7/8"	HM	1/A504A	1/A504A	A114B		03	5, 6	
A114C	2	2'-6"	2'-6"	7'-0"	1 3/4"	WD	G	1	5 7/8"	HM	1/A504A	1/A504A	A114C		03	5, 6	
A114D	1	2'-6"		7'-0"	1 3/4"	WD	G	1	5 7/8"	HM	1/A504A	1/A504A	A114D		04	5, 6	
A115	1	3'-0"		7'-0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	1/A504A	A115		05		

COMMENTS

- RE-USE EXISTING WOOD DOOR, HARDWARE, KEYPAD ACCESS.
- PROVIDE NEW HOLLOW METAL DOOR FRAME.
- SLIDING BARN DOOR- SPRING ACTION SELF CLOSING AND SMOKE RATED.
- HARDWARE BY DOOR MANUFACTURER
- CLOSET WOOD DOORS ON HOLLOW METAL FRAME.
- DOOR FINISH TO MATCH ADJACENT EXISTING.

KEYED NOTES

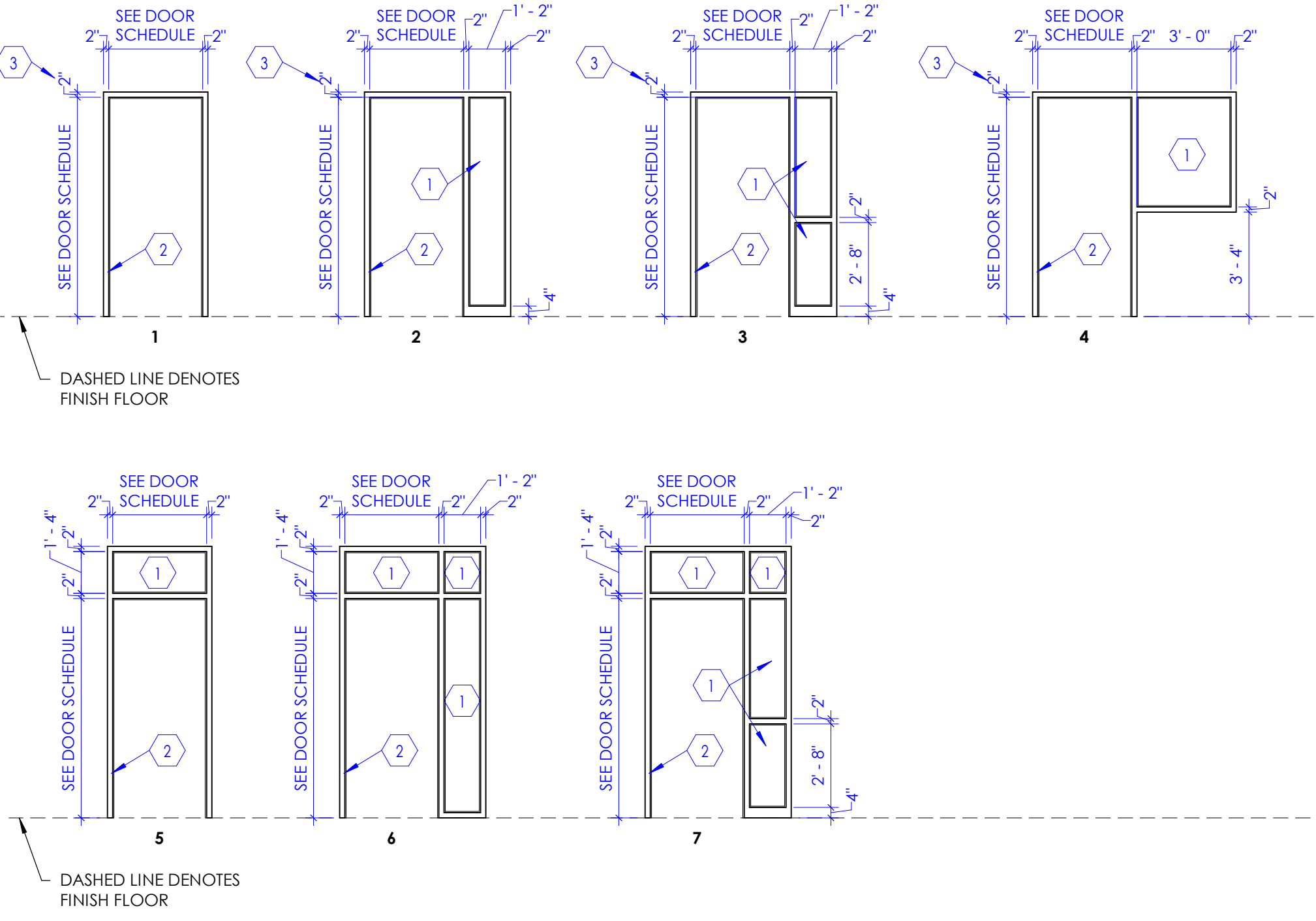
- VISION PANEL, GLAZING IN VISION PANEL SHALL BE 1/4" THICK, CLEAR, TEMPERED, GLAZING. FOR WOOD DOOR, PROVIDE WOOD TRIM FRAME FLUSH WITH THE FACE OF THE DOOR, AROUND THE VISION PANEL OPENING. STAIN AND SPECIES OF WOOD TRIM SHALL MATCH WOOD DOOR. FOR HOLLOW METAL DOOR, PROVIDE METAL TRIM AROUND VISION 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.



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

KEYED NOTES

- GLAZING SHALL BE CLEAR, TEMPERED, AND 1/4" THICK.
- DOOR FRAME, SEE DOOR SCHEDULE.
- WHERE DOOR OCCURS AT MASONRY WALL (8" HIGH, C.M.U. BLOCKS), AND WITH A TYPICAL DOOR HEIGHT OF 7'-0", USE 4" FRAME AS FRAME HEAD INSTEAD OF THE STANDARD 2" FRAME.



2 Frame Types NOTE: REFER TO "DOOR SCHEDULE" FOR FRAME TYPES REQUIRED FOR THIS PROJECT. SOME FRAME TYPE ELEVATIONS INDICATED ABOVE MAY NOT BE APPLICABLE TO THIS PROJECT.
SCALE: 1/4" = 1'-0"

Intermountain Health
Intermountain Medical Center
Angio Lab #3 Remodel Project

5121 South Cottonwood Street
Murray, UT 84107

FINISH SCHEDULE

TAG	FINISH TYPE	SIZE	MATERIAL DESCRIPTION	MANUFACTURER	STYLE	MODEL #	COLOR	COMMENTS
F1	FLOOR FINISH		SHEET VINYL	MANNINGTON COMMERCIAL	BIOSPEC MD	15203	SANDRIFT	-
F2	FLOOR FINISH		SHEET VINYL - BOARDER	MANNINGTON COMMERCIAL	BIOSPEC MD	15349	BEDROCK	-
F3	FLOOR FINISH		SHEET VINYL - MATCH EXISTING	MANNINGTON COMMERCIAL	BIOSPEC MD	15201	OYSTER WHITE	1, 9
F4	FLOOR FINISH	18" X 36"	CARPET TILE	SHAW CONTRACT	HAND DRAWN, STIPPLE TILE	5T116	SLATE 13585	7
F5	FLOOR FINISH	12" X 12"	PORCELAIN TILE	CROSSVILLE	NOTORIOUS	NTR05	LEADING MAN	3
B1	WALL BASE	4" HIGH	COVERED SHEET VINYL	MANNINGTON COMMERCIAL	BIOSPEC MD	15369	BEDROCK	2
B2	WALL BASE	4" HIGH	RUBBER BASE - MATCH EXISTING COORIDOR	ROPPE	PINNACLE RUBBER BASE, STANDARD TOE	184	ALMOND	1
B3	WALL BASE	6" HIGH	PORCELAIN WALL BASE	CROSSVILLE	NOTORIOUS	NTR05	LEADING MAN	-
B4	WALL BASE	4" HIGH	CARPET BASE	SHAW CONTRACT	HAND DRAWN, CONTE'	5A213	SLATE 13585	8
W1	WALL FINISH		PAINT	SHERWIN WILLAIMS	SATIN FINISH	SW 7005	PURE WHITE	-
W2	WALL FINISH		PAINT - ACCENT COLOR	SHERWIN WILLAIMS	SATIN FINISH	SW 4243	DISTANCE	-
W3	WALL FINISH		PAINT - MATCH EXISTING	SHERWIN WILLAIMS	SATIN FINISH	SW 6105	DIVINE WHITE	1
W4	WALL FINISH	12" X 24"	PORCELAIN WALL TILE	CROSSVILLE	NOTORIOUS	NTR02	FEMME FATALE	4
C1	CEILING FINISH		PAINTED GYPSUM CEILING	SHERWIN WILLAIMS	FLAT FINISH	SW 7005	PURE WHITE	-
C2	CEILING FINISH	24" X 24"	ACOUSTICAL CEILING TILES AND GRID	ARMSTRONG CEILINGS	ULTIMA HEALTH ZONE	1935	WHITE	6
MS1	MISC. SURFACE FINISH		PAINTED HOLLOW METAL DOOR & WINDOW FRAMES	SHERWIN WILLAIMS	SEMI-GLOSS FINISH	SW 6115	TOTALLY TAN	1, 5
PL1	PLASTIC LAMINATE FINISH		PLASTIC LAMINATE SHEET OVER SUBSTRATE	LAMINART	VELVA-TEX FINISH	3056-VT	MYSTIC WOOD	-
MM1	MONOLITHIC MATERIAL		SOLID SURFACE	CORIAN SOLID SURFACE	-	-	WHITE JASMINE	-
MM2	MONOLITHIC MATERIAL		SOLID SURFACE - INTEGRAL SINK	STARON SOLID SURFACE	-	BW010	BRIGHT WHITE	-
WP1	WALL PROTECTION		CORNER GUARDS	CONSTRUCTION SPECIALTIES	ACROVYN	SSM SERIES	315 GALVESTON GRAY	-
WP2	WALL PROTECTION		CORNER GUARDS - CORRIDOR	CONSTRUCTION SPECIALTIES	ACROVYN	SSM SERIES	1329 SUEDE	-
WP3	WALL PROTECTION		WAINSCOT PANEL	CONSTRUCTION SPECIALTIES	ACROVYN	-	315 GALVESTON GRAY	-

COMMENTS

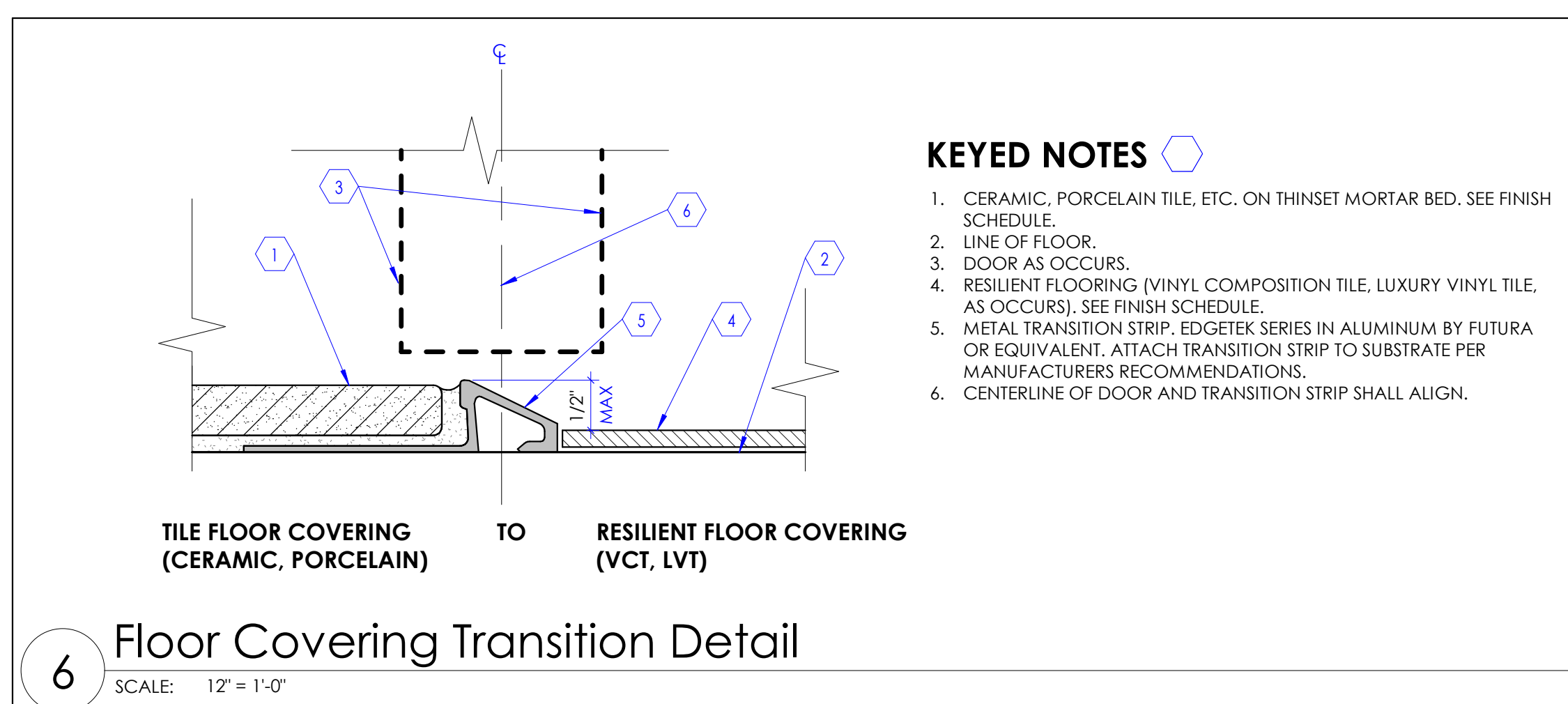
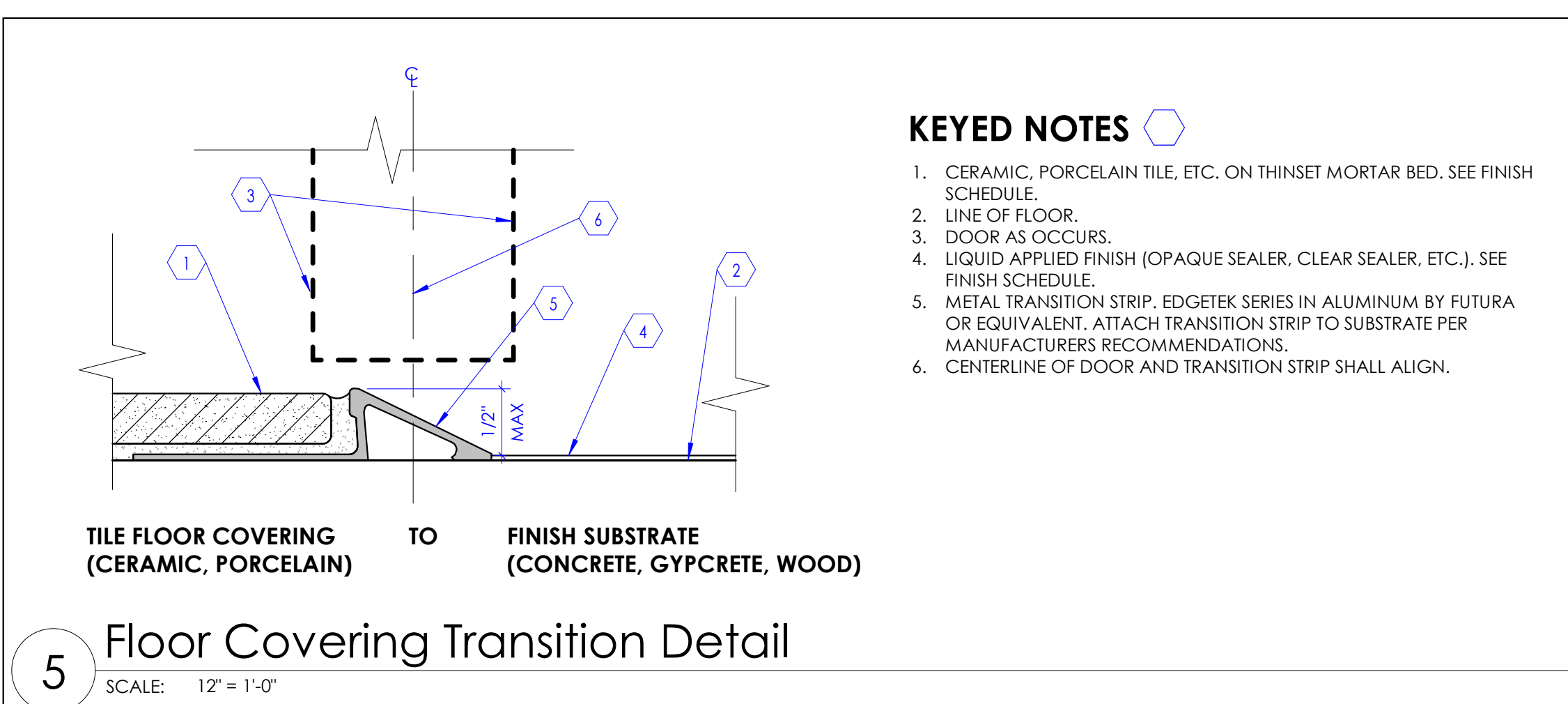
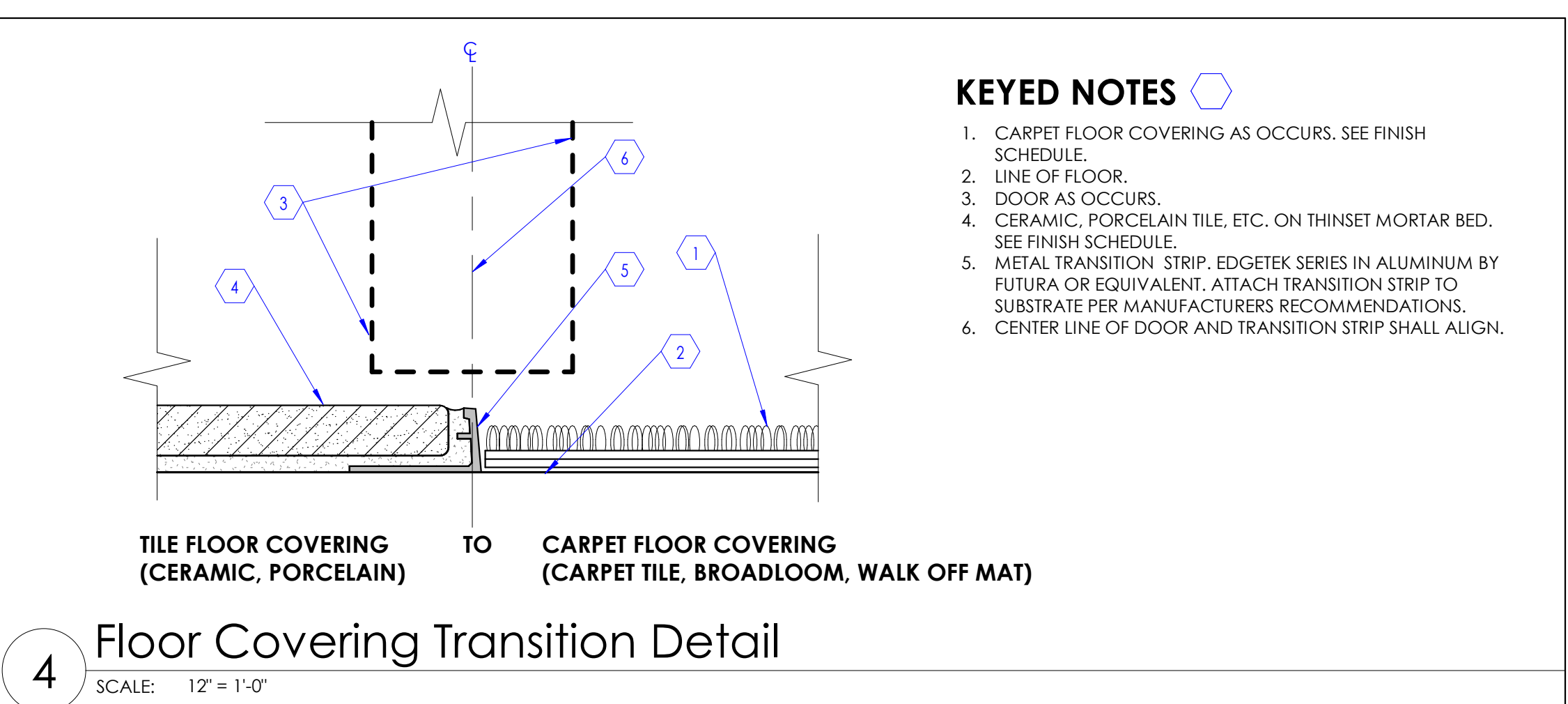
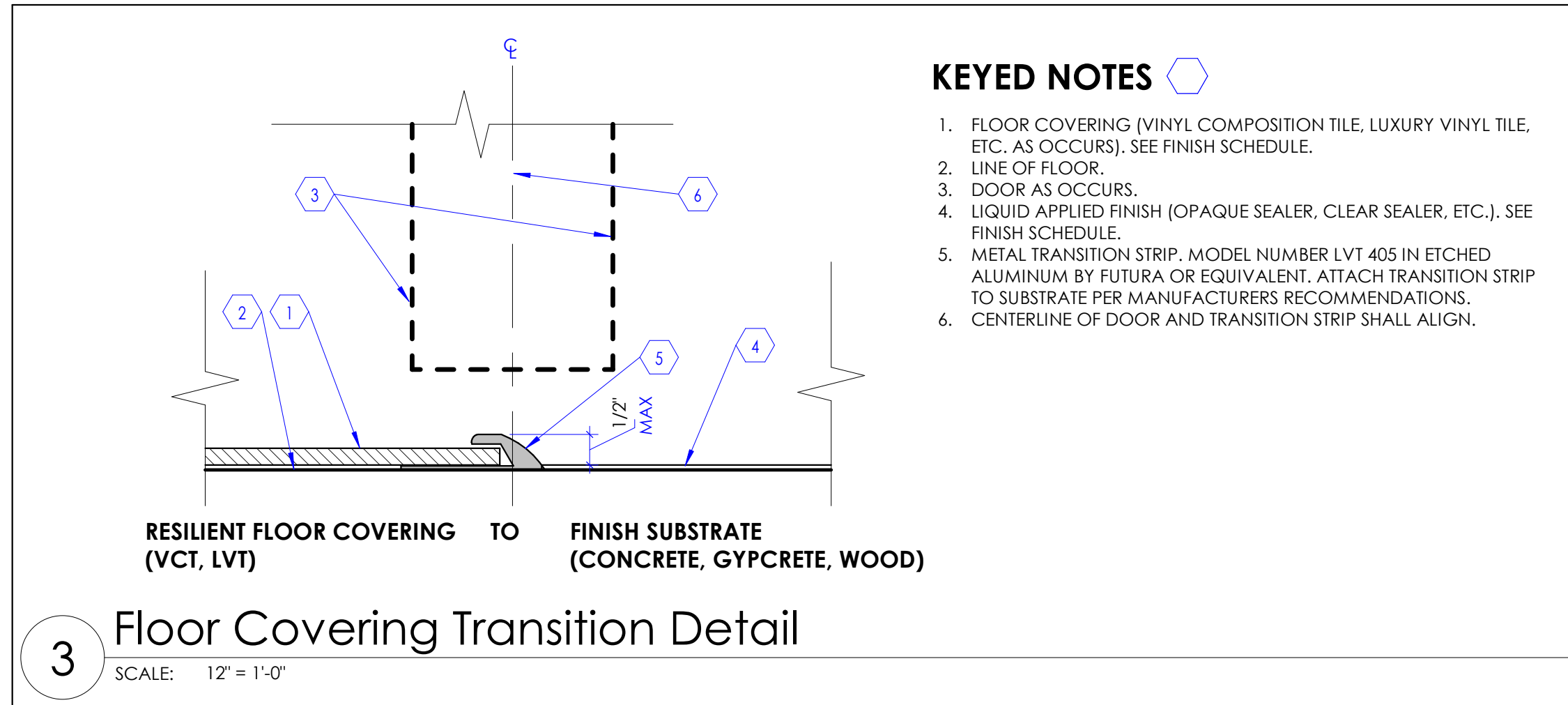
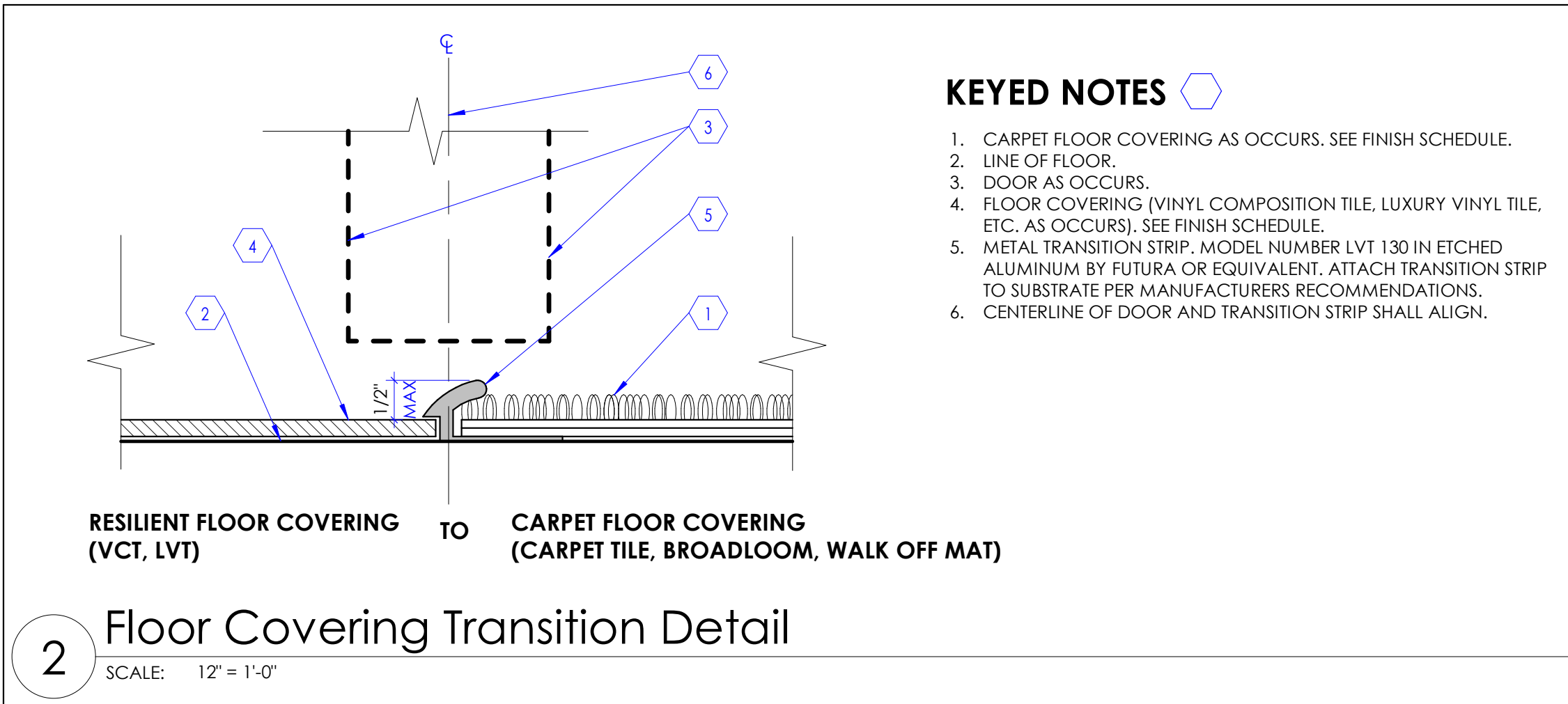
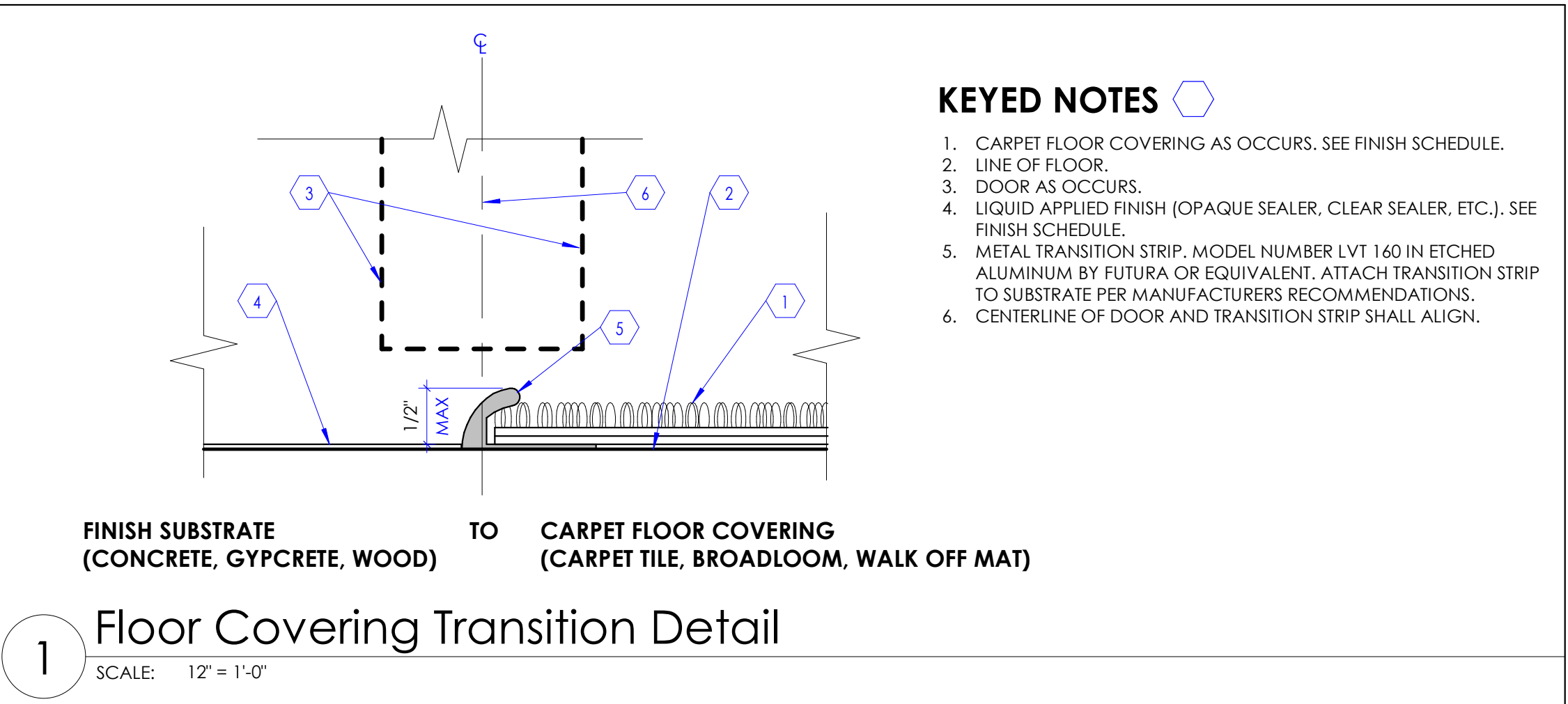
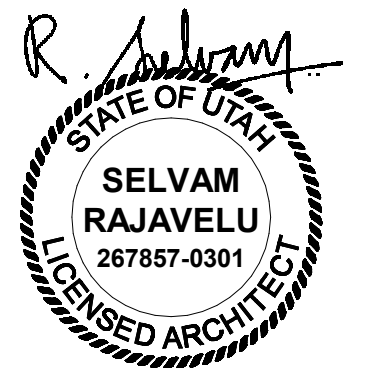
- FIELD VERIFY AND MATCH EXISTING ADJACENT FINISH STYLE AND COLOR.
- COVERED SHEET VINYL WALL BASE TO BE INSTALLED WITH AN ALUMINUM TRIM PIECE ON TOP EDGE.
- FLOOR TILES TO BE INSTALLED IN A SQUARE JOINT PATTERN. USE GROUT COLOR MAPEI #11 SAHARA BEIGE OR SIMILAR.
- WALL TILES TO BE INSTALLED IN A SQUARE JOINT PATTERN. USE GROUT COLOR MAPEI #93 WARM GRAY OR SIMILAR. TOP EDGE OF TILE WAINSCOT TO BE FINISHED WITH SCHLUTER JOLLY PROFILE TRIM OR SIMILAR.
- ALL HOLLOW METAL DOOR AND WINDOW FRAMES IN THIS PROJECT TO BE PAINTED USING "MS1" FINISH UNLESS OTHERWISE NOTED.
- SEE REFLECTED CEILING PLAN FOR GRID ORIENTATION AND TILE LAYOUT. TILES TO BE 3/4" THICKNESS. EDGE DETAIL: SQUARE LAY-IN. GRIDS SHALL BE 15/16" PRELUDE XL EXPOSED TEE HEAVY DUTY. ANGLE MOLDING SHALL BE 7/8" WITH BERG 2 CLIPS.
- CARPET TILES TO BE INSTALLED IN AN ASHLAR PATTERN.
- CARPET BASE TOP EXPOSED EDGE TO BE BOUND IN A COORDINATING FABRIC.
- PROTECT EXISTING SHEET VINYL WHERE POSSIBLE DURING DEMOLITION AND CONSTRUCTION. PATCH AND REPAIR WHERE NECESSARY.

GENERAL NOTES

- BASE 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.
- 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.).
- 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.
- 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.
- 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.
- 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. IF A 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.
- 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 WHERE INDICATED.
- 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.
- 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.
- 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.
- WHERE GYPSUM BOARD WALL ABUTS MASONRY WALL, PROVIDE REVEAL AS PER DETAIL 2/A603B.



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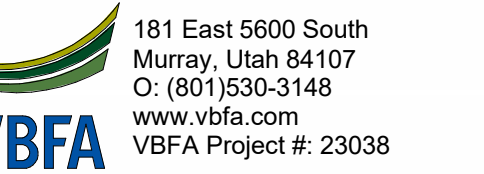
5121 South Cottonwood Street
Murray, UT 84107

NJRA Project # 22247.00
Construction Documents June 30, 2023

Finish
Schedule &
Details

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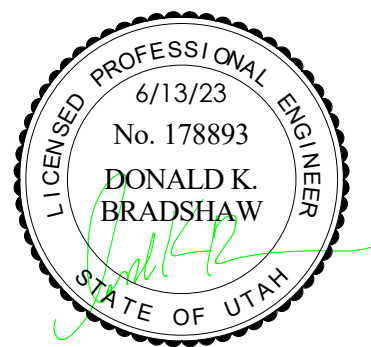
GENERAL MECHANICAL SYMBOLS	HVAC SYMBOLS	PIPING SYMBOLS
<p>REVISION NUMBER - SHOWN ON PLANS</p> <p>POINT WHERE NEW CONNECTS TO EXISTING</p> <p>POINT WHERE EXISTING IS TO BE DEMOLISHED</p> <p>NUMBER OF DETAIL ON SHEET</p> <p>NUMBER OF SHEET WHERE DETAIL APPEARS</p> <p>KEYNOTE</p> <p>CONTINUATION SYMBOL</p> <p>ROOM NAME AND NUMBER</p> <p>ITEM TO BE DEMOLISHED</p> <p>AREA NOT IN CONTRACT</p> <p>PIPE SIZE TAG (DIAMETER)</p> <p>ABOVE GROUND PIPING</p> <p>PIPE SLOPE TAG</p> <p>BELOW GROUND PIPING</p> <p>PIPE INVERT ELEVATION TAG</p> <p>EXISTING PIPE TAG</p> <p>PIPING BEING DEMOLISHED</p>	<p>18"x8" SQUARE DUCT SIZE TAG (WIDTH x HEIGHT)</p> <p>10"x8" OVAL DUCT SIZE TAG (WIDTH / HEIGHT)</p> <p>18" ROUND DUCT SIZE TAG (DIAMETER)</p> <p>EXISTING DUCT TAG</p> <p>DUCT BEING DEMOLISHED</p> <p>SUPPLY AIR - LOW PRESSURE</p> <p>SUPPLY AIR - MEDIUM PRESSURE</p> <p>CONDITIONED OUTSIDE AIR</p> <p>OUTSIDE AIR</p> <p>RETURN AIR</p> <p>TRANSFER AIR</p> <p>EXHAUST AIR</p> <p>RELIEF AIR</p> <p>GREASE EXHAUST AIR</p> <p>SMOKE EXHAUST AIR</p> <p>EXHAUST GAS FLUE</p> <p>COMBUSTION AIR</p> <p>DROP RECTANGULAR SUPPLY/OUTSIDE AIR DUCT RISE</p> <p>DROP ROUND SUPPLY/OUTSIDE AIR DUCT RISE</p> <p>DROP RECTANGULAR RETURN/TRANSFER AIR DUCT RISE</p> <p>DROP ROUND RETURN/TRANSFER AIR DUCT RISE</p> <p>DROP RECTANGULAR EXHAUST/RELIEF AIR DUCT RISE</p> <p>DROP ROUND EXHAUST/RELIEF AIR DUCT RISE</p> <p>GRILLES, REGISTERS & DIFFUSERS SYMBOLS AND TAGS</p> <p>CEILING SQUARE SUPPLY DIFFUSER</p> <p>RECTANGULAR SUPPLY DIFFUSER</p> <p>ROUND SUPPLY DIFFUSER</p> <p>SQUARE RETURN GRILLE</p> <p>RECTANGULAR RETURN GRILLE</p> <p>SQUARE EXHAUST GRILLE</p> <p>RECTANGULAR EXHAUST GRILLE</p> <p>LINEAR SLOT</p> <p>MECHANICAL EQUIPMENT TAGS</p> <p>HEATING COIL FLOW</p> <p>BOTTOM OF EQUIPMENT ELEVATION</p> <p>EXISTING EQUIPMENT TO REMAIN</p> <p>EXISTING RELOCATED EQUIPMENT</p> <p>EQUIPMENT BY OTHERS (REFER TO OTHER DISCIPLINE FOR ADDITIONAL INFORMATION)</p> <p>DATA DEVICE TAGS</p> <p>CARBON DIOXIDE SENSOR</p> <p>CARBON MONOXIDE SENSOR</p> <p>NITROGEN DIOXIDE SENSOR</p> <p>HUMIDITY SENSOR</p> <p>HUMIDISTAT</p> <p>SYMBOL EQUIPMENT ID</p> <p>RTU-XX TEMPERATURE & HUMIDITY SENSOR</p> <p>VAV-XX TEMPERATURE SENSOR</p> <p>T THERMOSTAT</p> <p>MS MANUAL SWITCH</p> <p>S SENSOR</p>	<p>CHWR CHILLED WATER RETURN</p> <p>CHWS CHILLED WATER SUPPLY</p> <p>CD CONDENSATE DRAINAGE</p> <p>CWR CONDENSER WATER RETURN</p> <p>CWS CONDENSER WATER SUPPLY</p> <p>GWR GEOTHERMAL WATER RETURN</p> <p>GWS GEOTHERMAL WATER SUPPLY</p> <p>HWR HEATING WATER RETURN</p> <p>HWS HEATING WATER SUPPLY</p> <p>NG NATURAL GAS</p> <p>PG PROPANE GAS</p> <p>REF-L REFRIGERANT-LIQUID</p> <p>REF-S REFRIGERANT-SUCTION</p> <p>REF-HG REFRIGERANT-HOT GAS</p> <p>STM STEAM</p> <p>CDR CONDENSATE RETURN</p> <p>CWV COMBINATION WASTE & VENT</p> <p>CA COMPRESSED AIR</p> <p>DCW DOMESTIC COLD WATER</p> <p>SCW SOFT COLD WATER</p> <p>FCW FILTERED COLD WATER</p> <p>NPCW NON-POTABLE COLD WATER</p> <p>RO REVERSE OSMOSIS WATER</p> <p>DHW HOT WATER</p> <p>DHW 140° HOT WATER 140°</p> <p>DHW-R HOT WATER RECIRCULATION</p> <p>DHW-R 140° HOT WATER RECIRCULATION 140°</p> <p>NPHW NON-POTABLE HOT WATER</p> <p>GV GREASE VENT</p> <p>GW GREASE WASTE</p> <p>IW INDIRECT WASTE</p> <p>OV OIL VENT</p> <p>OW OIL WASTE</p> <p>PD PUMP DISCHARGE</p> <p>SV SANITARY VENT</p> <p>W SANITARY WASTE</p> <p>SSW SOLAR HOT WATER RETURN</p> <p>SHWS SOLAR HOT WATER SUPPLY</p> <p>RD ROOF DRAIN</p> <p>RDO ROOF DRAIN OVERFLOW</p> <p>PIPE DROP</p> <p>PIPE RISE</p> <p>PIPE TEE</p> <p>CAP</p> <p>PLUG</p> <p>REDUCING 45 DEGREE TEE</p> <p>45 DEGREE TEE</p> <p>2" DOM. WM DOMESTIC WATER METER</p> <p>2" BALANCING VALVE</p> <p>1/4 TURN BALL VALVE</p> <p>2" CHECK VALVE</p> <p>2" TMV 3-WAY MIXING VALVE</p> <p>2" M-CNTRL MOTORIZED CONTROL VALVE</p> <p>2" 3-WAY CNTRL 3 WAY MOTORIZED CONTROL VALVE</p> <p>2" PRV PRESSURE REDUCING VALVE</p> <p>3/8" SOLENOID REFRIGERANT SOLENOID VALVE</p> <p>2" BUTTERFLY BUTTERFLY VALVE</p> <p>DRAIN TAGS</p> <p>FLOOR DRAIN</p> <p>FLOOR DRAIN</p> <p>FLOOR SINK</p> <p>HUB DRAIN</p> <p>ROOF AREA SERVED BY DRAIN</p> <p>AREA DRAIN</p> <p>DECK DRAIN</p> <p>FLOW CONTROL DRAIN</p> <p>ROOF DRAIN</p> <p>COMBINATION DRAINS</p> <p>PLUMBING FIXTURE TAGS</p> <p>WATER CLOSET - WALL HUNG - ADA</p> <p>PIPE ACCESSORY TAG</p> <p>LAV-1A</p> <p>1.5 CWFU</p> <p>1.5 HWFU</p> <p>1 WFU</p> <p>WC-1A</p> <p>WC-1</p> <p>U-1</p> <p>4" WCO</p>
<p>ABBREVIATIONS</p> <p>Ø ROUND</p> <p>ABV ABOVE</p> <p>AC AIR CONDITIONING</p> <p>AD AREA DRAIN</p> <p>ADD ADDENDUM</p> <p>AFF ABOVE FINISHED FLOOR</p> <p>AFUE ANNUAL FUEL UTILIZATION EFFICIENCY</p> <p>ALT ALTERNATE</p> <p>AP ACCESS PANEL</p> <p>ARCH ARCHITECT/ARCHITECTURAL</p> <p>BFF BELOW FINISHED FLOOR</p> <p>BLW BELOW</p> <p>BTU BRITISH THERMAL UNITS</p> <p>BTUH BRITISH THERMAL UNITS PER HOUR</p> <p>CAP CAPACITY</p> <p>CB CATCH BASIN</p> <p>CFM CUBIC FEET PER MINUTE</p> <p>CLG CEILING</p> <p>CO CLEAN OUT</p> <p>D DEGREE</p> <p>DB DRY BULB</p> <p>DCW DOMESTIC COLD WATER</p> <p>DHW DOMESTIC HOT WATER</p> <p>DA DIAMETER</p> <p>DN DOWN</p> <p>DW DISTILLED WATER</p> <p>EA EACH</p> <p>EAT ENTERING AIR TEMPERATURE</p> <p>ELEC ELECTRICAL</p> <p>EQUIP EQUIPMENT</p> <p>EWC ELECTRIC WATER COOLER</p> <p>EWV ENTERING WATER TEMPERATURE</p> <p>EIA EXHAUST AIR</p> <p>EXIST EXISTING</p> <p>F DEGREES FAHRENHEIT</p> <p>FCO FLOOR CLEAN OUT</p> <p>FD FLOOR DRAIN</p> <p>FD FIRE DAMPER</p> <p>FDV FIRE DEPARTMENT VALVE</p> <p>FL FLOOR</p> <p>FO FUEL OIL</p> <p>FOV FUEL OIL VENT</p> <p>FOR FUEL OIL RETURN</p> <p>FOS FUEL OIL SUPPLY</p> <p>FFM FEET PER MINUTE</p> <p>FS FLOOR SINK</p> <p>FT FOOT/FEET</p> <p>FTR FN TUBE RADIATION</p> <p>GAL GALLON</p> <p>GC GENERAL CONTRACTOR</p> <p>GPM GALLONS PER MINUTE</p> <p>GW GREASE WASTE</p> <p>HB HOSE BIB</p> <p>HP HORSE POWER</p> <p>HTG HEATING</p> <p>HTR HEATER</p> <p>HYD HYDRANT</p> <p>ID INDIRECT</p> <p>IN INCH</p> <p>INV INVERT</p> <p>LB POUND</p> <p>LBHR POUNDS PER HOUR</p> <p>LAT LEAVING AIR TEMPERATURE</p> <p>LP LOW PRESSURE</p> <p>LPG LIQUEFIED PETROLEUM GAS</p> <p>LVT LEAVING WATER TEMPERATURE</p> <p>MIA MIXED AIR</p> <p>MAX MAXIMUM</p> <p>MBH ONE THOUSAND BTU PER HOUR</p> <p>MCF ONE THOUSAND CUBIC FEET</p> <p>MD MOTORIZED DAMPER</p> <p>MECH MECHANICAL</p> <p>MFR MANUFACTURER</p> <p>MIN MINIMUM</p> <p>MISC MISCELLANEOUS</p> <p>MTR MOTOR</p> <p>MUA MAKE-UP AIR</p> <p>NC NORMALLY CLOSED</p> <p>NC NOT IN CONTRACT</p> <p>NO NUMBER</p> <p>NO NORMALLY OPEN</p> <p>NTS NOT TO SCALE</p> <p>O OXYGEN</p> <p>OIA OUTSIDE AIR</p> <p>PD PRESSURE DROP</p> <p>PVI POST INDICATOR VALVE</p> <p>PLBG PLUMBING</p> <p>PRESS PRESSURE</p> <p>PRV PRESSURE REDUCING VALVE</p> <p>PSI POUNDS PER SQUARE INCH</p> <p>PSIG POUNDS PER SQUARE INCH GAUGE</p> <p>PWR POWER</p> <p>R DUCT RISER</p> <p>RIA RETURN AIR</p> <p>RCP RADIANT CEILING PANEL</p> <p>RD ROOF DRAIN</p> <p>RDO ROOF DRAIN OVERFLOW</p> <p>REC RECESSED</p> <p>RED REDUCER</p> <p>RH RELATIVE HUMIDITY</p> <p>RLA RELIEF AIR</p> <p>RM ROOM</p> <p>RPM REVOLUTIONS PER MINUTE</p> <p>RW RAIN WATER</p> <p>SF SQUARE FOOT</p> <p>SIA SUPPLY AIR</p> <p>SAN SANITARY</p> <p>SF SQUARE FOOT</p> <p>SD SMOKE DAMPER</p> <p>SM SURFACE MOUNT</p> <p>SP STANDPIPE</p> <p>SP STATIC PRESSURE</p> <p>STM STEAM</p> <p>T THERMOSTAT</p> <p>TD TRENCH DRAIN</p> <p>TD TRENCH DRAIN</p> <p>TD TRENCH DRAIN</p> <p>TEMP TEMPERATURE</p> <p>TYP TYPICAL</p> <p>UG UNDERGROUND</p> <p>VAC VACUUM</p> <p>V VENT</p> <p>VAV VARIABLE AIR VOLUME</p> <p>VENT VENTILATION</p> <p>VTR VENT THROUGH ROOF</p> <p>W WASTE</p> <p>WB WET BULB</p> <p>WCO WALL CLEAN OUT</p> <p>WH WALL HYDRANT</p>	<p>DAMPER TAGS</p> <p>FIRE DAMPER</p> <p>SMOKE DAMPER</p> <p>FIRE/SMOKE DAMPER</p> <p>B-D BALANCING DAMPER (MANUAL)</p> <p>B-D-B BACKDRAFT DAMPER</p> <p>A-T-C AUTOMATIC TEMPERATURE CONTROL DAMPER (MOTORIZED)</p>	

Intermountain Health
Intermountain Medical Center
Angio Lab #3 Remodel Project

5121 South Cottonwood Street
Murray, UT 84107

NJRA Project # 22247.00
Construction Documents June 13, 2023

NOTE
THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.



FIRE PROTECTION GENERAL NOTES

- 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.
- ALL WORK DONE SHALL BE PERFORMED WITH WATER CONTROL IN MIND. CONTAINMENT OF WATER IS NECESSARY TO PREVENT WATER FROM DAMAGING SURROUNDING AREA.
- 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.
- 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.
- 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 MANUFACTURER'S 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.
- 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.
- THIS CONTRACTOR SHALL COORDINATE PHASING OF SPRINKLER WORK WITH THE GENERAL CONTRACTOR PRIOR TO STARTING WORK.
- 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 MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS OF THE STATE BUILDING CODE, LOCAL FIRE DEPARTMENT, AND ALL FEDERAL, STATE, AND LOCAL AUTHORITIES, NFPA, AND FACTORY MUTUAL.
- THE SPRINKLER SYSTEM SHALL BE DESIGNED BASED UPON ACTUAL WATER FLOW TEST DATA OBTAINED AT OR NEAR THE JOB SITE.
- REFER TO REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION REGARDING SPRINKLER HEAD LOCATION AND PIPE, UNLESS NOTED OTHERWISE.
- DIVISION 21 CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR PROPER INSTALLATION OF THE FIRE PROTECTION SYSTEMS ALARM DEVICES INVOLVED WITH FIRE SPRINKLER SYSTEM.
- 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.
- THIS CONTRACTOR SHALL PROVIDE ALL ADDITIONAL SPRINKLER HEADS AS REQUIRED TO ENSURE AN APPROVED FIRE PROTECTION SYSTEM AT NO ADDITIONAL COST TO THE OWNER.
- 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 2 GALLONS ARE TRAPPED, A HOSE BIB SHALL BE PROVIDED AT THE DRAIN VALVE.
- 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.
- AN INSPECTOR'S 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.)
- SHOW ALL ROOM NUMBERS ON SHOP DRAWING PLANS.
- FLOW TEST DATA FROM ### INDICATES THE FOLLOWING: STATIC PRESSURE # PSI, RESIDUAL PRESSURE # PSI AT # GPM, THE HYDRANTS TESTED ARE APPROXIMATELY ### FEET AWAY FROM THE CENTER OF THE SITE LOCATED OFF THE ##" WATER MAIN IN # STREET AT AN ELEVATION OF ## FEET ABOVE SEA LEVEL. SEE CIVIL PLANS FOR HYDRANT LOCATION. THE CONTRACTOR SHALL PERFORM A FIRE FLOW TEST IN ACCORDANCE WITH NFPA 291 TO VERIFY THE FLOW TEST DATA GIVEN ABOVE. THE DATA GIVEN ABOVE SHALL BE THE BASIS OF DESIGN UNLESS THE AVAILABLE PRESSURE OR FLOW HAS DECREASED. NOTIFY OWNERS REPRESENTATIVE IF FLOW TEST DATA DIFFERS FROM THE DATA ABOVE. A FIRE PROTECTION ENGINEER OR AN ENGINEER EXPERIENCED IN WATER FLOW TESTING SHALL PERFORM OR WITNESS THE REQUIRED FLOW TESTING AND SIGN THE REPORT PRIOR TO THE FIRST SPRINKLER SYSTEM SUBMITTAL.
- 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.
- 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.
- THIS CONTRACTOR SHALL PREPARE HYDRAULIC CALCULATIONS BASED UPON THE CONFIGURATION OF THE ACTUAL SYSTEM DESIGN AS SHOWN ON THIS CONTRACTOR'S SHOP DRAWINGS.

PLUMBING GENERAL NOTES

- UNLESS OTHERWISE NOTED, SLOPE PIPE AS FOLLOWS: WASTE BRANCHES: 1/4" PER FOOT; WASTE MAINS: 1/4" PER FOOT; ROOF DRAIN/ROOF DRAIN OVERFLOW: 1/8" PER FOOT. VERIFY ALL SLOPING WITH LOCAL CODES.
- 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.
- PLUMBING DRAWINGS ARE SCHEMATIC IN NATURE. FIELD VERIFY EXACT PIPE ROUTING AND COORDINATE WITH ALL OTHER TRADES.
- ALL PIPING IN PLUMBING CHASES SHALL BE ARRANGED TO ALLOW MAINTENANCE ACCESS.
- NO PIPING TO RUN OVER ELECTRICAL PANELS, VFD'S OR MCC'S. PROTECT EQUIPMENT WITH A 42" DEEP ZONE IN FRONT OF PANELS, VFD'S, AND MCC'S.
- COORDINATE FAN ROOM FLOOR DRAIN AND FLOOR SINK LOCATIONS WITH COOLING COIL, EVAPORATIVE SECTION, AND HEATING COIL LOCATIONS.
- CONTRACTOR TO PROVIDE VALVE IDENTIFICATION AND LOCATION ON ALL CEILING TILES WHERE VALVES ARE LOCATED.
- 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.
- REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURE MOUNTING HEIGHTS, DIMENSIONS AND OTHER REQUIREMENTS.
- CONTRACTOR TO VERIFY CONNECTION SIDE OF ADA FIXTURES AND ADJUST ACCORDINGLY. INSTALL FLUSH VALVES HANDLES ON WIDE SIDE OF ALL FIXTURES.
- LOCATE ALL VENTS MINIMUM 25' AWAY FROM AIR INTAKES.
- INSTALL ALL DOMESTIC WATER LINES BELOW DUCTWORK.
- INSTALL A 24" X 24" ACCESS DOOR BELOW ALL ISOLATION VALVES, BALANCING VALVES AND WATER HAMMER ARRESTORS WHERE MOUNTED ABOVE HARD CEILINGS.
- MOUNT ALL ISOLATION VALVES, CONTROL VALVES, BALANCING VALVES, ETC. NEAR CEILING HEIGHT FOR ACCESSIBILITY.
- INSTALL ALL EQUIPMENT WITH SUFFICIENT CLEARANCE FOR MAINTENANCE PER MANUFACTURERS RECOMMENDATION.
- COORDINATE ALL FLOOR PENETRATIONS WITH STRUCTURAL AND PROVIDE SLEEVES AS NECESSARY.
- COORDINATE THE LOCATION OF THE FLOOR DRAIN, SHOWER DRAIN, OR FLOOR SINK WITH ARCHITECTURAL AND STRUCTURAL, TYPICAL.
- SEE PLUMBING FIXTURE SCHEDULE FOR PIPE SIZES OF WASTE, VENT AND DOMESTIC WATER TO/FROM SINGLE FIXTURE.
- HOSE BIBS SHOWN AT LAVATORIES ARE TO BE MOUNTED AT AN ACCESSIBLE LOCATION UNDER THE LAVATORY.
- 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.
- FIELD VERIFY LOCATION AND INVERTS OF SITE UTILITIES PRIOR TO INSTALLATION.
- FIELD VERIFY ALL NEW WATER, WASTE AND VENT PIPING CONNECTIONS AND PROVIDE NEW CONNECTIONS AS REQUIRED FOR PROPERLY OPERATING SYSTEMS.
- WASTE AND VENT PIPING BELOW FLOOR AND THROUGH FLOOR TO BE 2" MINIMUM.
- INSTALL CLEANOUTS IN DRAIN PIPING AS INDICATED, AND WHERE NOT INDICATED, ACCORDING TO THE FOLLOWING.
 - SIZE SAME AS DRAINAGE PIPING UP TO 4" NPS. USE 4" NPS FOR LARGER. DRAINAGE PIPING UNLESS LARGER CLEANOUT IS INDICATED.
 - LOCATE AT MINIMUM INTERVALS OF 50 FT FOR PIPING 4" NPS AND SMALLER AND 100 FT FOR LARGER PIPING.
 - LOCATE AT THE BASE OF EACH VERTICAL STACK.

MEDICAL GAS GENERAL NOTES

- MEDICAL GAS PIPING IS TO BE RUN ABOVE THE CEILING, UNLESS NOTED OTHERWISE.
- MEDICAL GAS PIPING IS SCHEMATIC IN NATURE. FIELD VERIFY EXACT PIPE ROUTING AND COORDINATE WITH ALL OTHER TRADES.
- MOUNT ALL SERVICE VALVES NEAR CEILING HEIGHT FOR ACCESSIBILITY.
- ALL SERVICE VALVES SHALL BE LOCKABLE. PROVIDE FRANGIBLE LOCK FOR ALL SERVICE VALVES.
- ALL ZONE VALVE BOXES REQUIRE SOURCE AIR FROM LEFT SIDE AND CONTROLLED AIR FROM RIGHT SIDE.

MECHANICAL GENERAL NOTES

- COORDINATE EXACT PLACEMENT OF DIFFUSERS, GRILLES AND REGISTERS WITH ARCHITECTURAL REFLECTED CEILING PLAN, TYPICAL.
- SEE DETAIL FOR DIFFUSER CONNECTIONS TO DUCTWORK, TYPICAL.
- BRANCH DUCTWORK SHALL BE SIZED TO MATCH THE NECK INLET SIZE OF THE DIFFUSERS, REGISTER OR GRILLE IF IT SERVES UNLESS NOTED OTHERWISE, TYPICAL.
- COORDINATE EXACT MOUNTING LOCATION OF ALL THERMOSTATS WITH LATEST REVISION OF ARCHITECTURAL ELEVATION AND FURNISHINGS PLANS, TYPICAL.
- 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 SWITCH AT EACH LOCATION.
- PROVIDE AND INSTALL TURNING VANES IN ALL SQUARE LOW PRESSURE DUCTWORK AT ELBOWS OR TEES, TYPICAL.
- INSTALL ALL TERMINAL BOXES IN EASILY ACCESSIBLE AND SERVICEABLE LOCATIONS, MEETING ALL MANUFACTURERS REQUIRED CLEARANCES ON EACH SIDE. SEE DETAILS, TYPICAL.
- DUCTWORK SIZES SHOWN ARE INSIDE CLEAR DIMENSIONS. REFER TO MECHANICAL SPECIFICATIONS FOR EXTENT OF DUCT INSULATION AND LINER AND ADJUST SHEET METAL DIMENSION.
- PROVIDE AND INSTALL REMOTE DAMPER OPERATORS FOR ALL DAMPERS INSTALLED ABOVE INACCESSIBLE CEILING. SEE MECHANICAL SPECIFICATIONS FOR EQUIPMENT REQUIREMENTS, TYPICAL.
- PROVIDE AND INSTALL HIGH EFFICIENCY TAKE-OFF FITTINGS AND BALANCING DAMPER AT ALL BRANCH CONNECTIONS TO LOW PRESSURE DUCTWORK. PROVIDE BALANCING DAMPERS AT EACH BRANCH TAKE OFF TO SERVE DIFFUSER OR GRILLE AS WELL AS WHERE INDICATED.
- PROVIDE AND INSTALL HIGH EFFICIENCY OR CONICAL TAKE-OFFS AT ALL BRANCH CONNECTIONS TO MEDIUM PRESSURE DUCTWORK.
- WHERE DUCTWORK CROSSES, SUPPLY DUCTWORK IS USUALLY BELOW RETURN AND EXHAUST DUCT. RETURN DUCTWORK IS USUALLY BELOW EXHAUST DUCT.
- 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.
- 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.
- 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.
- PROVIDE ACCESS DOORS TO ACCESS VAV BOX CONTROLS ABOVE HARD CEILINGS. PROVIDE MINIMUM 24" X 24".
- FLEX DUCT IS REQUIRED FOR ALL DIFFUSERS AND GRILLES INSTALLED IN LAY-IN CEILINGS. FOR DIFFUSERS AND GRILLES IN HARD ID 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 MAD RING AND LAY-IN DIFFUSER AS SHOWN ON PLANS.
- THE CONTRACTOR SHALL INFORM THE DESIGNER OF ANY PROPOSED DEVIATIONS FROM THE CONTRACT DOCUMENTS.
- 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.
- SUPPLY AND RETURN PIPING TO COILS ARE THE SAME SIZE.
- 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.
- REFER TO MECHANICAL PIPING OR ZONING DRAWINGS FOR THERMOSTAT AND TEMPERATURE SENSOR LOCATIONS.
- 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 "L" COPPER UNLESS OTHERWISE NOTED IN THE SPECIFICATIONS.
- PROVIDE A 4" HOUSEKEEPING PAD FOR EACH PIECE OF MECHANICAL EQUIPMENT THAT IS FLOOR MOUNTED. COORDINATE SIZES WITH MECHANICAL EQUIPMENT SELECTED.
- 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.
- 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

- 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.
- UNLESS OTHERWISE NOTED, ALL MECHANICAL PIPING IS OVERHEAD TO RUN ABOVE DUCTWORK AND TIGHT TO UNDERSIDE OF STRUCTURE.
- INSTALL PIPING SO THAT ALL VALVES, STRAINERS, UNIONS, TRAPS, FLANGES, AND OTHER APPURTENANCES REQUIRING ACCESS ARE ACCESSIBLE.
- ALL VALVES SHALL BE INSTALLED SO THAT VALVES REMAINS IN SERVICE WHEN EQUIPMENT OR PIPING ON EQUIPMENT SIDE OF VALVE IS REMOVED.
- PROVIDE AIR VENT AT HIGH POINT OF EACH DROP IN THE HEATING AND CHILLED WATER PIPING SYSTEM.
- ALL VALVES SHALL BE ADJUSTED FOR SMOOTH AND EASY OPERATION AND TAGGED.
- PROVIDE ISOLATION VALVES AT EACH EXISTENTRANCE INTO SHAFT WHETHER OR NOT SHOWN.
- COORDINATE LOCATION OF THERMOSTAT WITH ARCHITECTURAL FURNISHINGS PLANS. MOUNT THERMOSTAT AT HEIGHT AS SPECIFIED ON ARCHITECTURAL PLANS OR SPECIFICATIONS.

PROJECT GENERAL NOTES

- THE PROJECT GENERAL NOTES APPLY TO ALL DISCIPLINES.
- REMOVE ALL UNUSED PIPING, DUCTWORK, EQUIPMENT, AND ACCESSORIES.
- 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.
- 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.
- 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. UNSALE DRAINS AT COMPLETION OF CONSTRUCTION.
- COORDINATE INSTALLATION OF PIPING, DUCTWORK, CONDUIT, LIGHTS, CABLE TRAY, STRUCTURE EQUIPMENT, CEILING, ARCHITECTURAL COMPONENTS, AND ANYTHING ELSE PERTAINING TO THE PROJECT TO PREVENT CONFLICTS.
- 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, PLUMBING, AND OTHER SYSTEMS INVOLVED ON THIS PROJECT.
- 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.
- LOCATE EQUIPMENT REQUIRING ACCESS 2'-0" MAXIMUM ABOVE CEILING.
- ALL ROOF MOUNTED EQUIPMENT SHALL BE A MINIMUM 10'-0" FROM EDGE OF ROOF.
- 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 42" DEEP ZONE IN FRONT OF PANELS, VFD'S AND MCC'S. PROVIDE PANS IF REQUIRED UNDER PIPING.
- FIRE SEAL AROUND DUCT AND PIPING PENETRATIONS OF FIRE RATED WALLS. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING AND SEALING ALL PENETRATIONS IN FIRE AND SMOKE RATED PARTITIONS TO MAINTAIN RATINGS. REFER TO SPECIFICATION.
- PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES AND DUCTS THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.
- TRANSITION PIPING AND DUCTWORK SIZES TO MATCH THE SIZE OF EQUIPMENT CONNECTION.
- REFER TO PLUMBING SERIES DRAWINGS FOR GAS PIPING.
- ALL PIPE AND DUCT SIZES SHOWN SHALL BE CONTINUED IN THE DIRECTION OF FLOW UNTIL ANOTHER SIZE IS SHOWN.
- FOR DETAILS, EQUIPMENT CONNECTIONS, AND PIPE SIZES NOT SHOWN ON THE SEGMENTS, REFER TO DETAILS, SCHEDULES, AND SPECIFICATIONS.
- INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS. AT A LEVEL OF WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS.
- 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, GAS DEVICES, MAINTENANCE ACCESS, ETC.
- INSTALL EXPOSED PIPING AND DUCTWORK AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILINGS.
- 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.
- THE CONTRACTOR SHALL INFORM THE DESIGNER OF ANY PROPOSED DEVIATIONS FROM THE CONTRACT DOCUMENTS.
- IF CONTRACTOR ENCOUNTERS MATERIAL WHICH MAY CONTAIN ASBESTOS, IMMEDIATELY STOP WORK IN THIS AREA AND NOTIFY THE OWNER.
- DETAILS REFERENCE ALL SHEETS.
- INSTALL ALL PIPING AND DUCTWORK WITHOUT FORCING OR SPRINGING.
- 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.
- 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 STANDING ON A LADDER PLACED BELOW THE CEILING ACCESS.
- 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.
- 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.

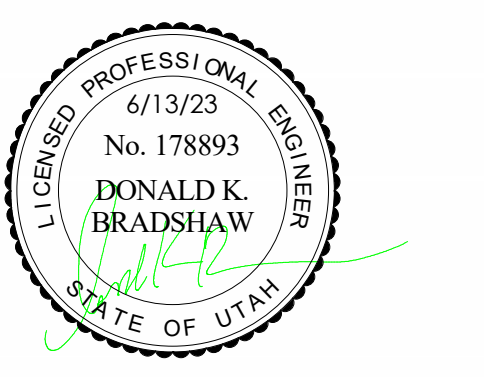
Intermountain Health
Intermountain Medical Center
Angio Lab #3 Remodel Project

5121 South Cottonwood Street
Murray, UT 84107

KEYNOTES
 1 COLORED AREAS REPRESENT INDIVIDUALLY CONTROLLED THERMAL ZONE BOUNDARIES.



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VBFA
 VBFA Project #: 23038



KEY PLAN

Intermountain Health
Intermountain Medical Center
Angio Lab #3 Remodel Project

5121 South Cottonwood Street
 Murray, UT 84107

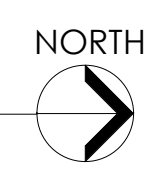
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LEVEL 1
 THERMAL ZONE
 PLAN - AREA A

M011A

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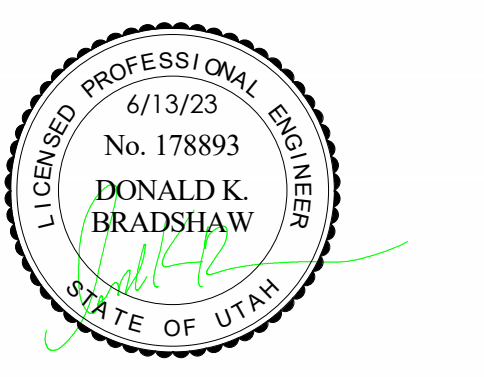
1 M011A LEVEL 2 FIRE PROTECTION PLAN
 1/4" = 1'-0"



KEYNOTES



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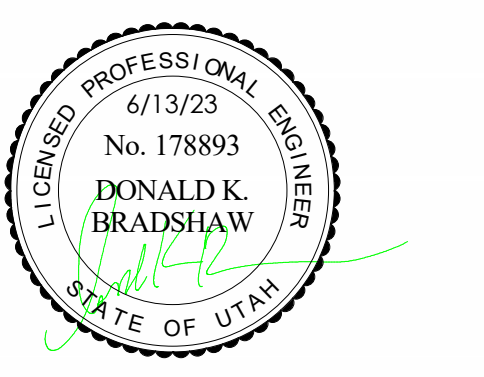
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LEVEL 1
THERMAL ZONE
PLAN - AREA B

M011B

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1 M011B LEVEL 2 FIRE PROTECTION PLAN
1/4" = 1'-0"



KEYNOTES

- EXISTING SHOWN LIGHT TO REMAIN. ITEMS CROSSED OUT TO BE REMOVED. CAP ALL UNUSED DUCTWORK. FIELD VERIFY EXISTING CONDITIONS. TYPICAL.
- REMOVE EXISTING DIFFUSER. CLEAN AND KEEP FOR REINSTALLATION IN NEW CEILING.



KEY PLAN

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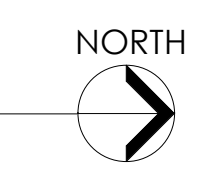
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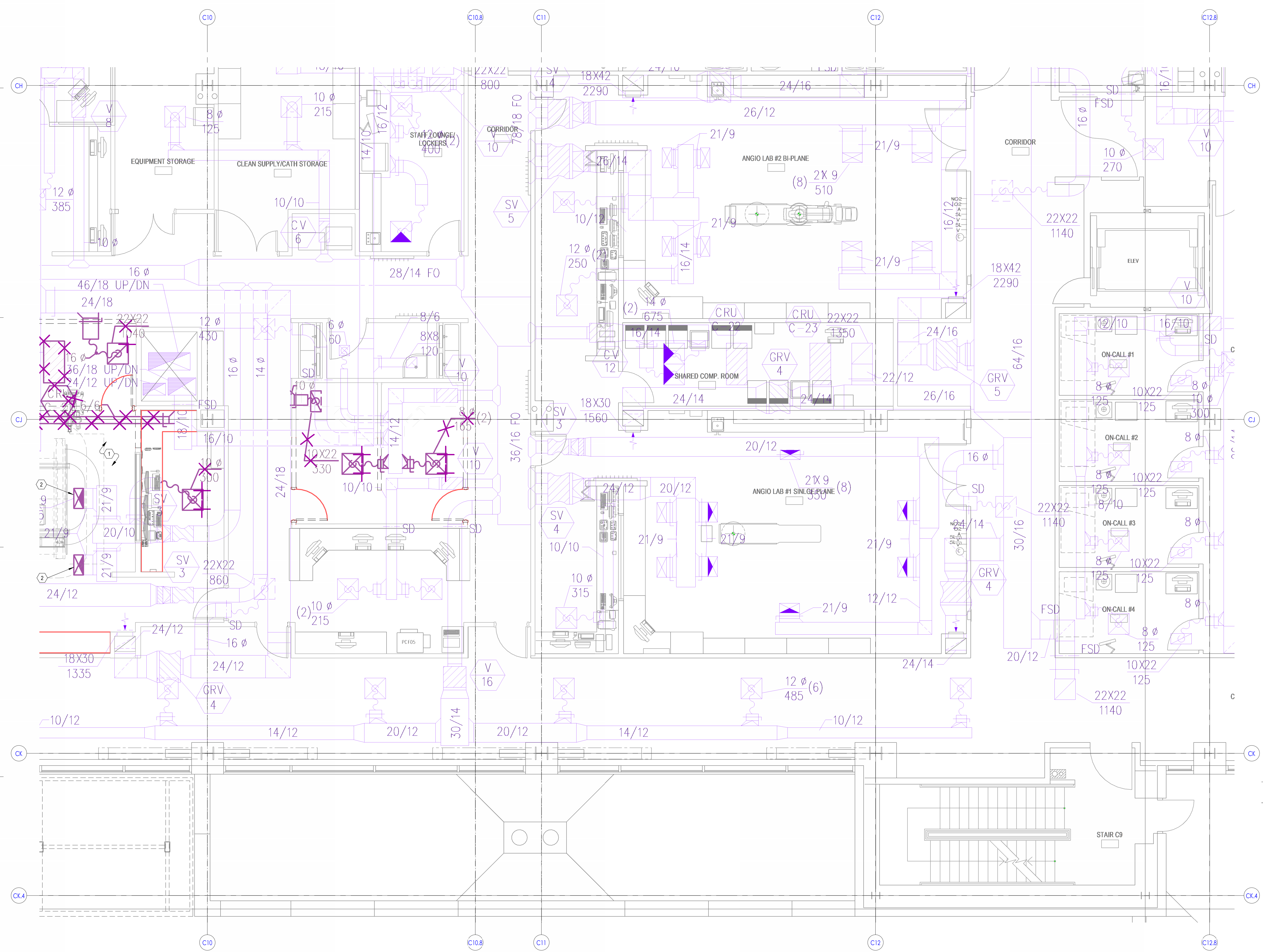
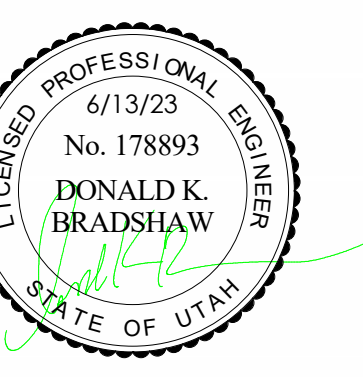
LEVEL 1
MECHANICAL
DEMOLITION
PLAN - AREA A

MD101A

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1 LEVEL 2 HVAC DEMOLITION PLAN
MD101A 1/4" = 1'-0"





KEY PLAN

Intermountain Health
Intermountain Medical Center
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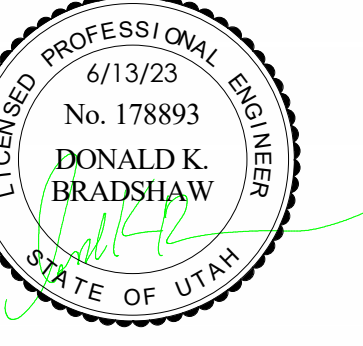
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LEVEL 1
MECHANICAL
DEMOLITION
PLAN - AREA B

MD101B

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1 LEVEL 2 HVAC DEMOLITION PLAN
MD101B 1/4" = 1'-0"



- KEYNOTES**
- EXISTING SHOWN LIGHT TO REMAIN. NEW WORK SHOWN DARK. FIELD VERIFY EXISTING CONDITIONS. TYPICAL.
 - RELOCATE EXISTING FAN COIL IN ROTATED POSITION AS SHOWN. SEE MECHANICAL PIPING FOR DETAILS.
 - CONNECT TO EXISTING DUCT AT APPROXIMATELY THIS POINT. FIELD VERIFY. TYPICAL.
 - CLEAN EXISTING LOW RETURN GRILLES. BALANCE TO CFM SHOWN.
 - CLEAN AND REINSTALL EXISTING DIFFUSERS. BALANCE TO CFM SHOWN.
 - INSTALL NEW DIFFUSER/GRILLE IN NEW CEILING GRID. BALANCE TO CFM SHOWN.
 - COORDINATE EXISTING DUCTWORK WITH NEW BOOM LOCATION. REWORK DUCTWORK AS NECESSARY.



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LEVEL 1 HVAC
PLAN - AREA A

M101A

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1 LEVEL 2 HVAC PLAN
M101A 1/4" = 1'-0"

