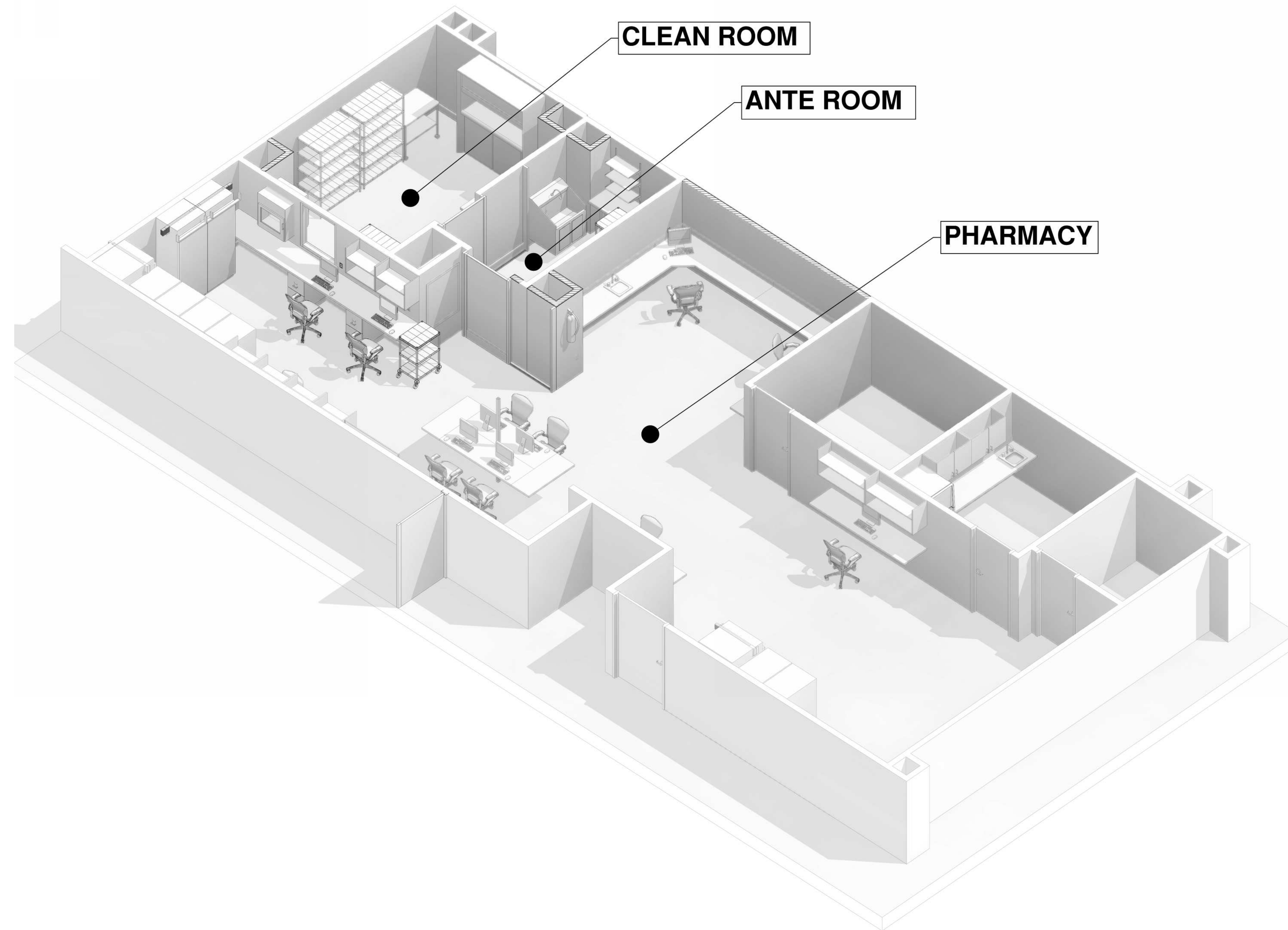


Intermountain Healthcare Riverton Hospital Pharmacy Remodel (USP 797)

3741 West 12600 South
Riverton, Utah 84065

CONSTRUCTION DOCUMENTS



DESIGN TEAM

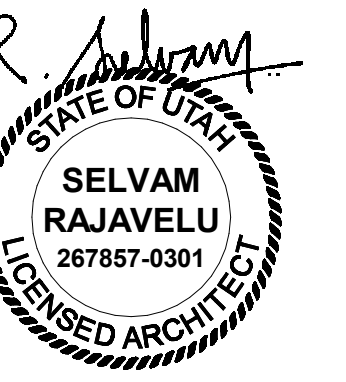
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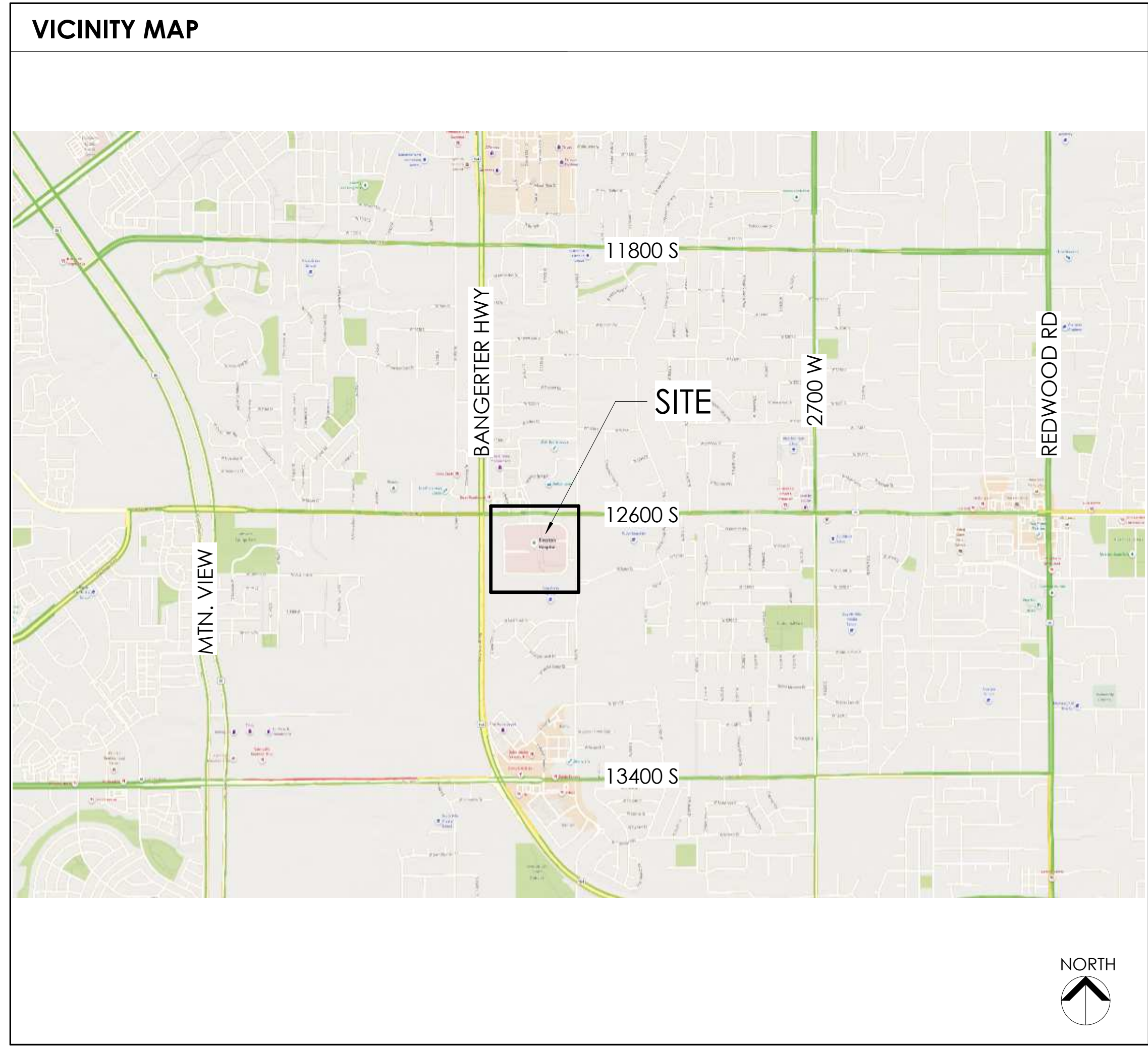
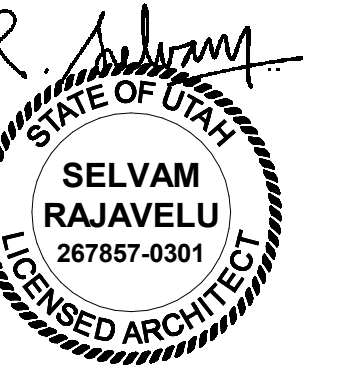
Intermountain Healthcare
Riverton Hospital
Pharmacy Remodel (USP 797)

3741 West 12600 South
Riverton, Utah 84065

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CONSTRUCTION DOCUMENTS Sep. 16, 2019

Cover Sheet

G001



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- G003 General Information
- G004 American National Standard Institute Requirements
- G005 General Legend & Notes
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- A112 Demolition & New Floor Plan Level 1
- A113 Demolition & New Reflected Ceiling Plan Level 1
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- A502A Wall Details
- A502B Wall Details
- A503A Ceiling Details
- A504A Finish Schedule & Details
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PLUMBING

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DEFINITIONS

- GENERAL: BASIC CONTRACT DEFINITIONS ARE INCLUDED IN THE CONDITIONS OF THE CONTRACT.
- "APPROVED": WHEN USED TO CONVEY ARCHITECTS ACTION ON CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, "APPROVED" IS LIMITED TO ARCHITECTS 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.
- "FURNISH": 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.

APPROVALS

Approver Name, Title	Date
Approver Name, Title	Date
Approver Name, Title	Date
Approver Name, Title	Date

ABBREVIATIONS

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

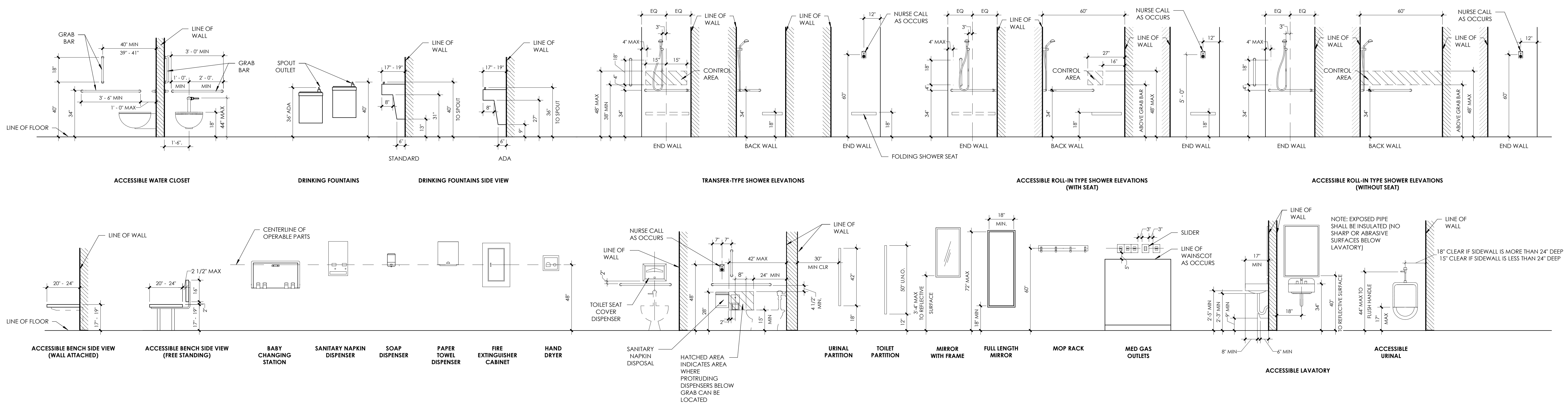
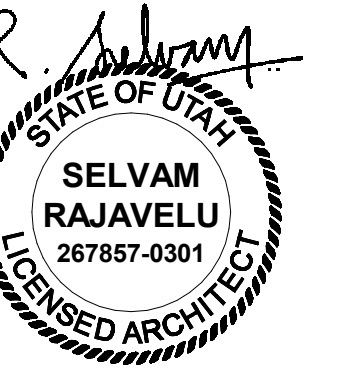
Intermountain Healthcare
 Riverton Hospital
 Pharmacy Remodel (USP 797)

3741 West 12600 South
 Riverton, Utah 84065

NJRA Project # 19228.02
CONSTRUCTION Documents Sep. 16, 2019

General Information

G002



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
	EIFS
	Gypsum Board
	Precast
	Steel
	Blocking
	Earth
	Stone
	Finish Wood
	Gravel
	Masonry Concrete Block
	Batt 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>OFFICE 4 155 SF A324 (O.L. 292)</p> <ul style="list-style-type: none"> ROOM NAME ROOM COUNT DESIGNATION DENOTES ROOM AREA OF 155 SQUARE FEET 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. DENOTES OCCUPANT LOAD IN CODE COMPLIANCE PLANS.
<p>GRID TAG</p> <p>A B 1 2</p> <ul style="list-style-type: none"> GRID REFERENCE LETTER - A, B, C, ETC., USED FOR HORIZONTAL GRID SEQUENCE, TYPICALLY FROM LEFT TO RIGHT GRID LINE GRID REFERENCE NUMBER - 1, 2, 3, ETC., USED FOR VERTICAL GRID SEQUENCE, TYPICALLY FROM TOP TO BOTTOM 	<p>DOOR TAG</p> <p>A124C</p> <ul style="list-style-type: none"> DOOR TAGS ARE INDICATED ON DIMENSION FLOOR PLANS THE FIRST LETTER "A" AND THE FOLLOWING THREE DIGITS "124" DENOTES ROOM NUMBER SUFFIX "C" DENOTES SEQUENCE OF DOOR ACCESSING THE ROOM.
<p>NORTH ARROW</p> <p>NORTH</p>	<p>DATUM POINT TAG</p> <p>9'-0"</p> <ul style="list-style-type: none"> HIGHT ABOVE FINISH FLOOR
<p>BUILDING SECTIONS</p> <p>2 A101 3 A101</p> <ul style="list-style-type: none"> SECTION TAGS ARE INDICATED ON OVERALL DIMENSION FLOOR PLANS BUILDING SECTION SHEET WHERE DRAWN 	<p>CEILING TAG</p> <p>9'-0"</p> <ul style="list-style-type: none"> HEIGHT ABOVE FINISH FLOOR
<p>WALL SECTIONS</p> <p>2 A101</p> <ul style="list-style-type: none"> SECTION TAGS ARE INDICATED ON DIMENSION FLOOR PLANS WALL SECTION SHEET WHERE DRAWN 	<p>SPOT ELEVATION</p> <p>100'-0" T.O.W.</p> <ul style="list-style-type: none"> HEIGHT ABOVE FINISH FLOOR
<p>DETAIL TAGS</p> <p>1 A506</p> <ul style="list-style-type: none"> DETAIL NUMBER SHEET WHERE DRAWN 	<p>VERTICAL ELEVATION</p> <p>LEVEL ELEVATION</p>
<p>DETAIL TAGS</p> <p>1 A506</p> <ul style="list-style-type: none"> DETAIL NUMBER SHEET WHERE DRAWN 	<p>CENTER LINE</p> <p>¢</p>
<p>EXTERIOR ELEVATION TAGS</p> <p>2 A202</p> <ul style="list-style-type: none"> TAGS ARE INDICATED ON OVERALL DIMENSION FLOOR PLANS AND KEY PLAN EXTERIOR ELEVATION NUMBER SHEET WHERE DRAWN 	<p>FLOW ARROW</p> <p>→</p> <ul style="list-style-type: none"> WATER DRAINAGE DIRECTION SHOWN ON SITE AND ROOF PLANS FROM HIGH TO LOW POINT.
<p>INTERIOR ELEVATION TAGS</p> <p>1 A252</p> <ul style="list-style-type: none"> TAGS ARE INDICATED ON FINISH FLOOR PLANS INTERIOR ELEVATION NUMBER SHEET WHERE DRAWN 	<p>FLOOR PLAN MATCHLINE</p> <p>3 A101</p> <ul style="list-style-type: none"> DETAIL LOCATION NUMBER SHEET WHERE DRAWN MATCHLINE
<p>REVISION TAG</p> <p>1</p> <ul style="list-style-type: none"> CLOUD INDICATES DRAWING REVISION AREA REVISION NUMBER 	<p>WALL TAG</p> <p>A1</p> <ul style="list-style-type: none"> WALL TAGS ARE INDICATED ON DIMENSION FLOOR PLANS. WALL TYPES ARE INDICATED IN SHEET A501A.
<p>KEYED NOTES - PROJECT SPECIFIC</p> <p>0000</p> <ul style="list-style-type: none"> KEYED NOTES THAT ARE PROJECT SPECIFIC AS INDICATED ON PLANS, SECTIONS AND ELEVATIONS DIVISION # DIVISION NOTE 	<p>WINDOW TAG</p> <p>A</p> <ul style="list-style-type: none"> WINDOWS TAGS ARE INDICATED ON DIMENSION FLOOR PLANS
<p>KEYED NOTES - GENERIC</p> <p>32</p> <ul style="list-style-type: none"> KEYED NOTES THAT ARE NOT PROJECT SPECIFIC AS INDICATED ON GENERIC, TYPICAL DETAILS. 	<p>FLOOR FINISH TAG</p> <p>F2</p> <ul style="list-style-type: none"> TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A603A, FOR FLOOR COVERING AND FINISHES REQUIRED.
<p>CABINET TAG</p> <p>W14</p> <ul style="list-style-type: none"> CABINET TYPES ARE INDICATED ON INTERIOR ELEVATIONS & CABINET LEGEND, SHEET A505A. 	<p>WALL BASE TAG</p> <p>B1</p> <ul style="list-style-type: none"> TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A603A, FOR WALL BASE TYPE.
<p>SIGN TAG</p> <p>S2</p> <ul style="list-style-type: none"> TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE SIGN TYPE DETAIL -> 	<p>WALL FINISH TAG</p> <p>WS</p> <ul style="list-style-type: none"> TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A603A, FOR WALL FINISHES REQUIRED.
<p>OTHER FINISH TAG</p> <p>(MS) (MM) (WP) (PL) (WC)</p> <ul style="list-style-type: none"> TAGS ARE INDICATED ON FINISH FLOOR PLAN & INTERIOR ELEVATIONS. SEE FINISH SCHEDULE, SHEET A603A, FOR FINISHES REQUIRED. 	<p>WALL TAG</p> <p>A1</p> <ul style="list-style-type: none"> WALL TAGS ARE INDICATED ON DIMENSION FLOOR PLANS. WALL TYPES ARE INDICATED IN SHEET A501A.

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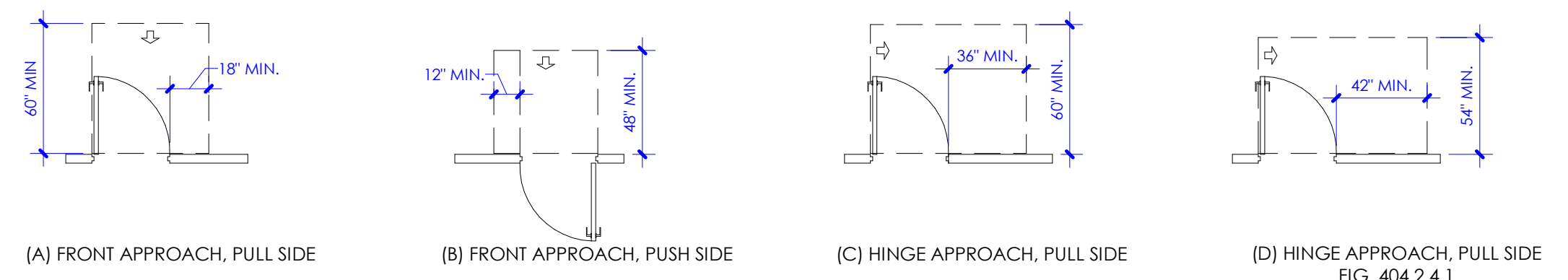
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CONSTRUCTION DOCUMENTS Sep. 16, 2019

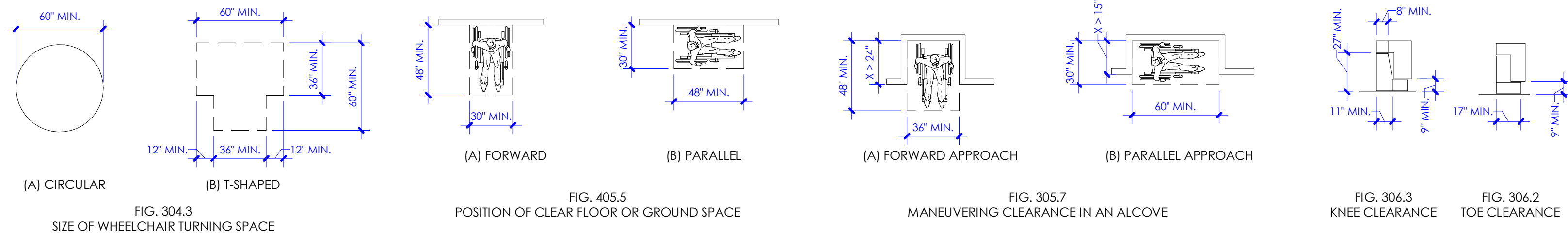
General Information

G003

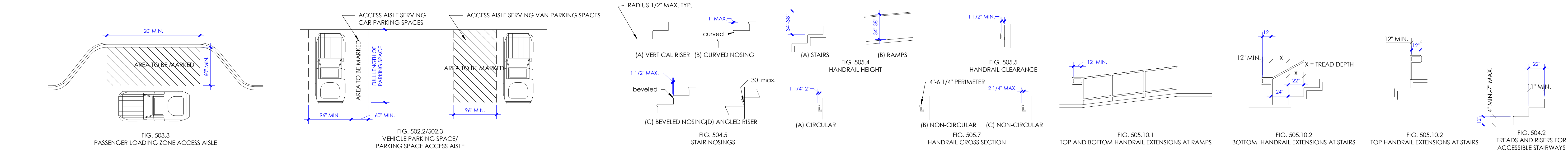
DOORS AND DOORWAYS



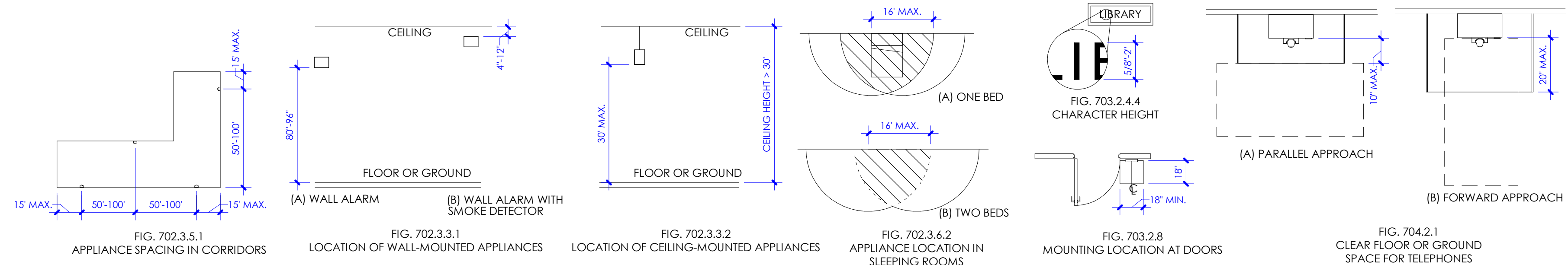
CLEAR FLOOR SPACE



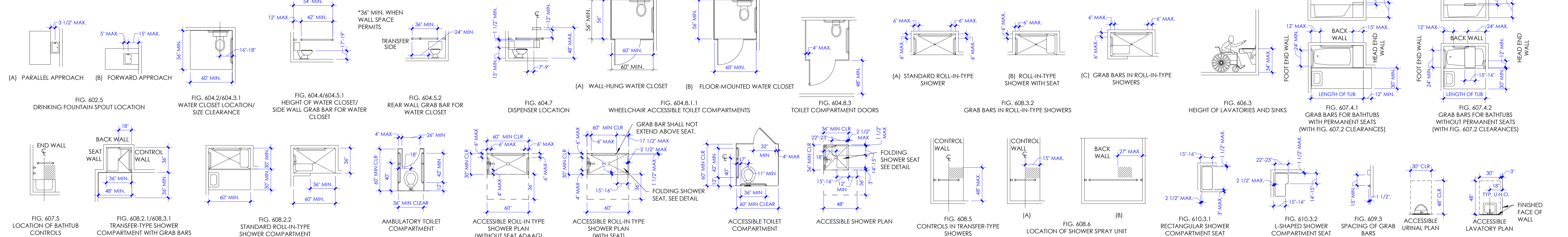
GENERAL SITE AND BUILDING ELEMENTS



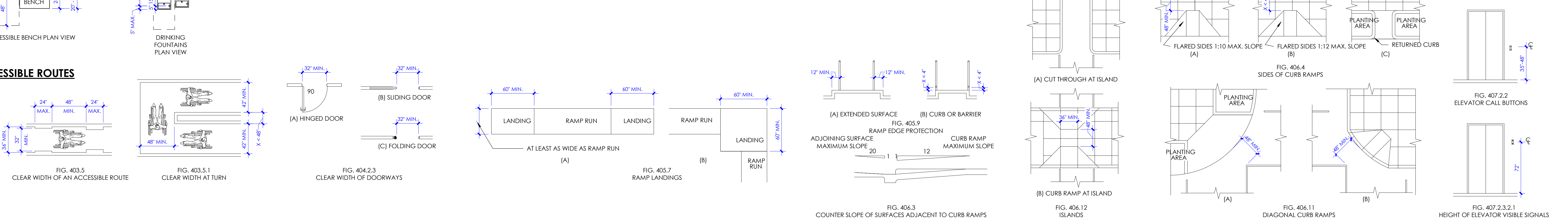
COMMUNICATION ELEMENTS AND FEATURES



PLUMBING ELEMENTS AND FACILITIES



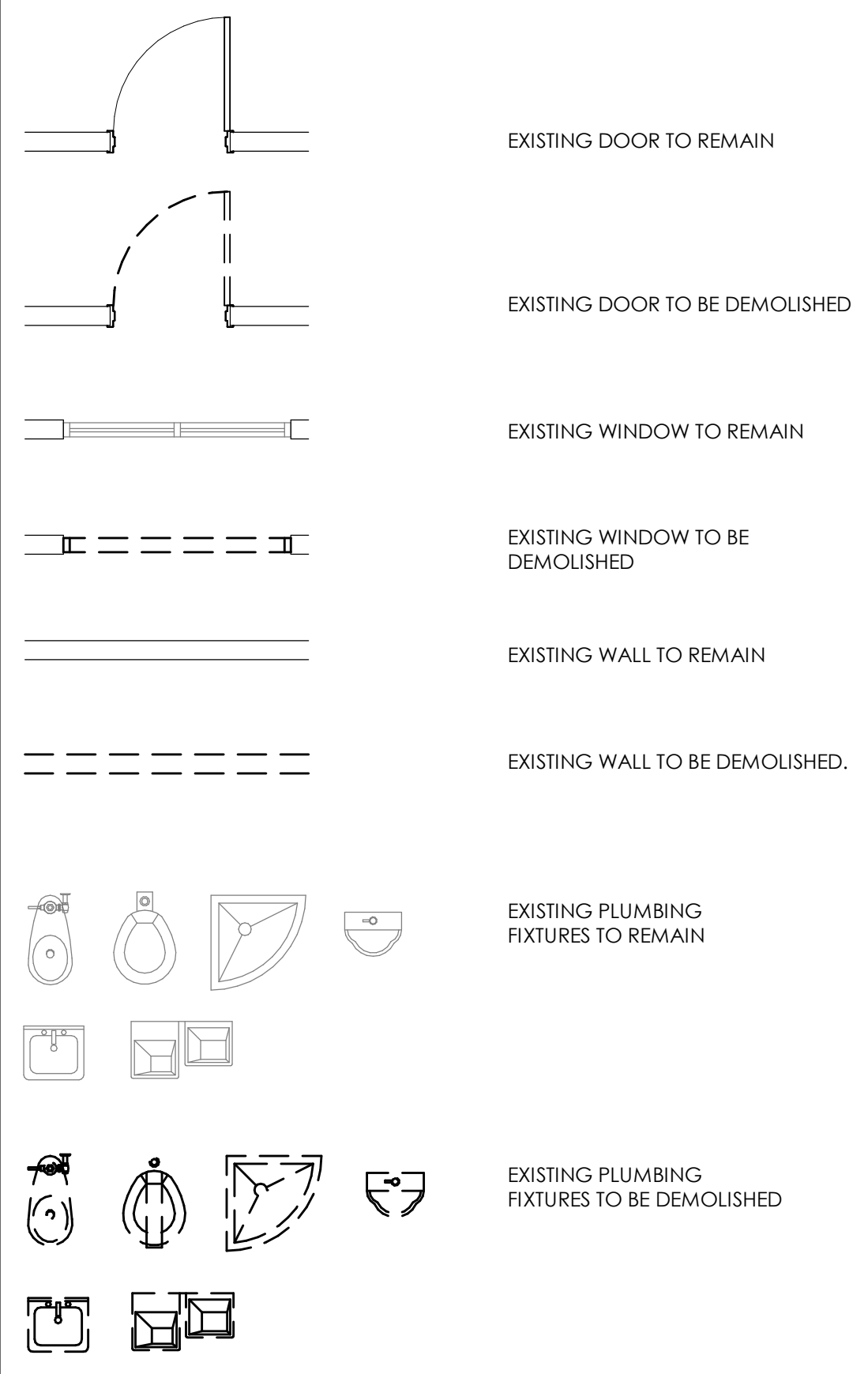
ACCESSIBLE ROUTES



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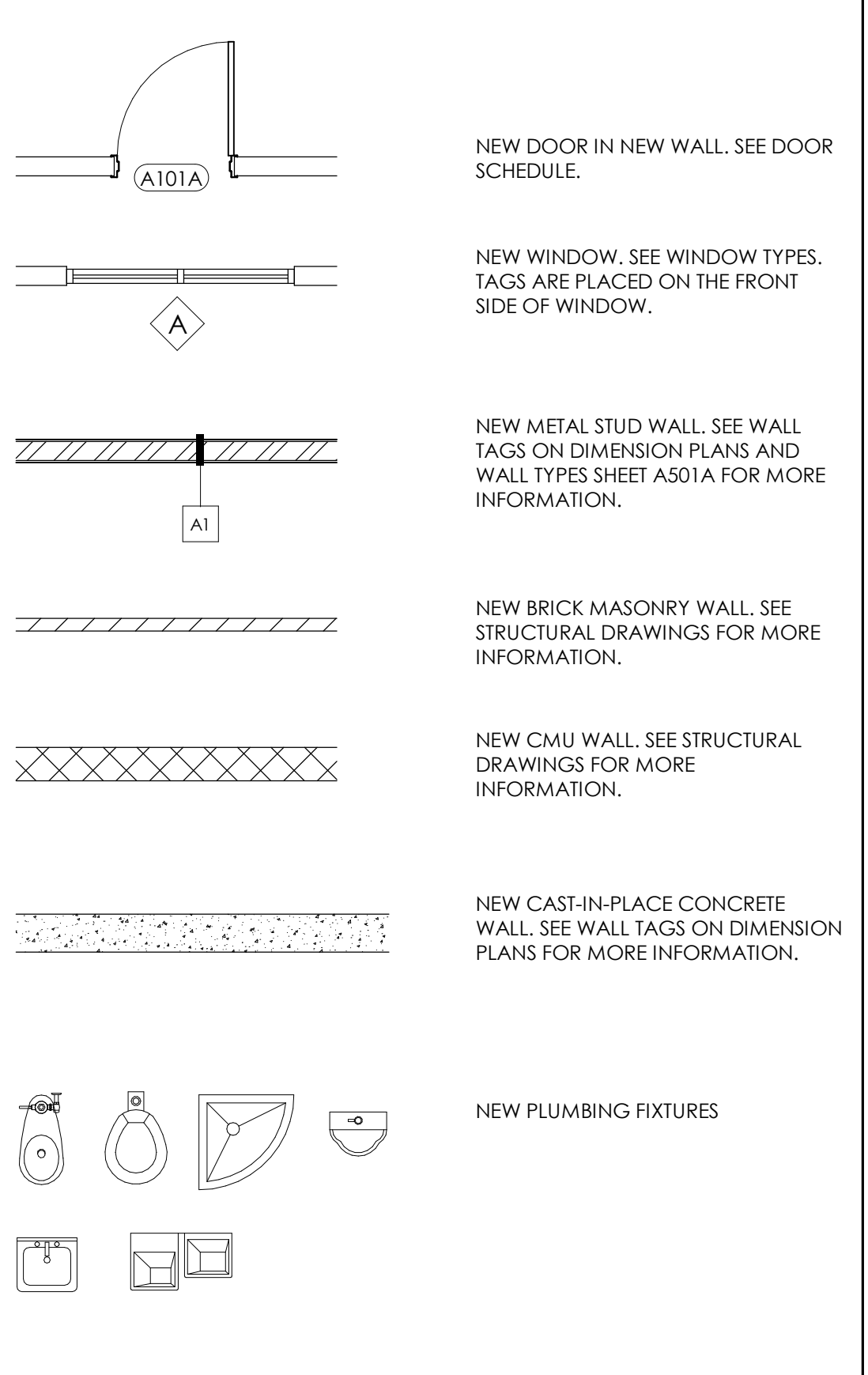
LEGEND - DEMOLITION FLOOR PLAN

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



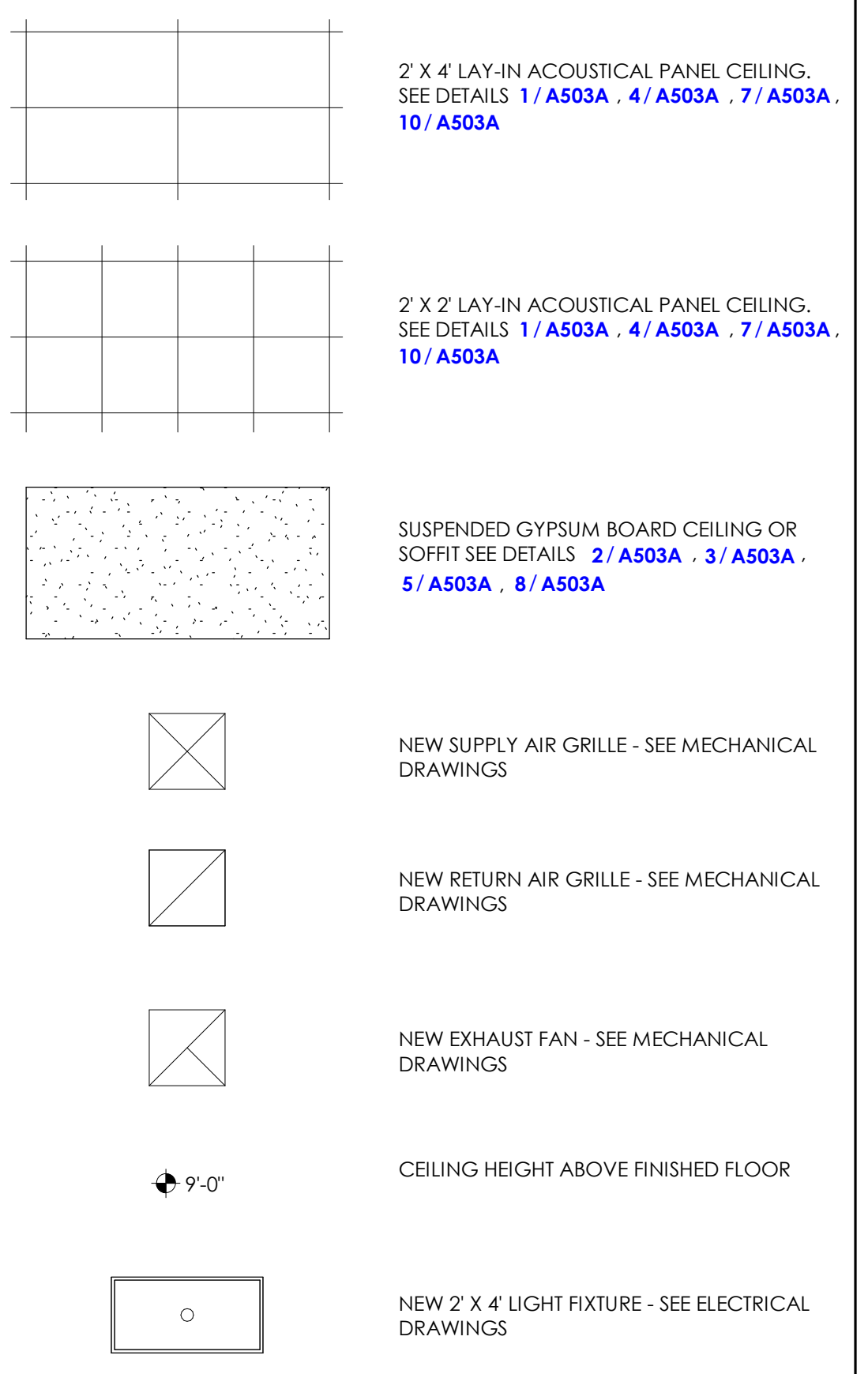
LEGEND - FLOOR & DIMENSION PLANS

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

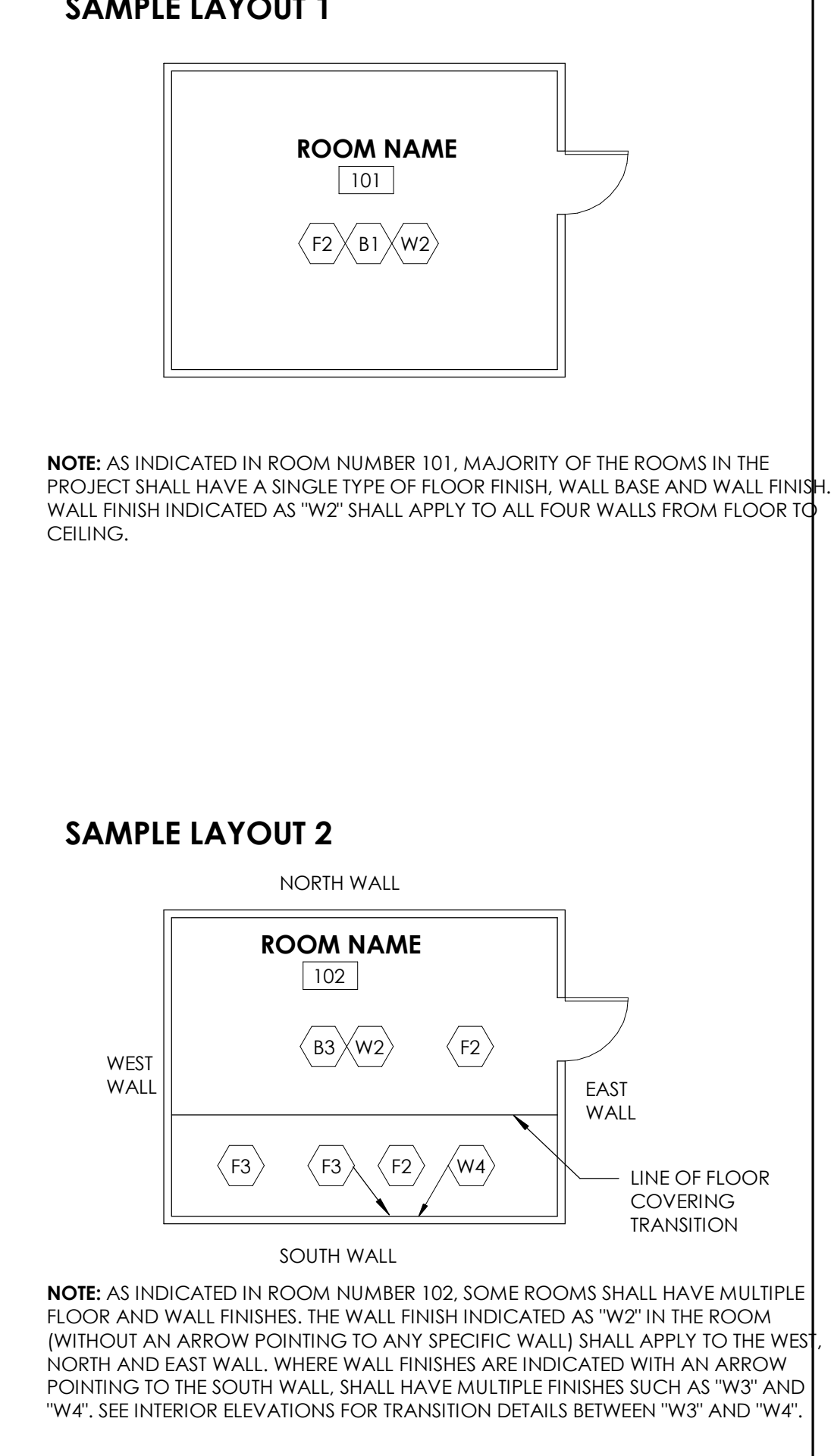


LEGEND - REFLECTED CEILING PLAN

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



FINISH PLAN - SAMPLE LAYOUT



GENERAL NOTES - INTERIOR ELEVATIONS

- A. PROVIDE LOCKS FOR CABINETS AS INDICATED ON THE CABINET LEGEND ON SHEET AND IF INDICATED ON INTERIOR ELEVATIONS.
- B. IN ROOMS WHERE CABINETS ARE REQUIRED TO BE LOCKED, PROVIDE LOCKS OPERABLE WITH SINGLE KEY.
- C. FOR TYPICAL MOUNTING HEIGHTS, SEE SHEET 0003. FOLLOW THE HEIGHT UNLESS NOTED OTHERWISE IN INTERIOR ELEVATIONS. VERIFY WITH ARCHITECT FOR ITEMS NOT INDICATED.
- D. CONTRACTOR SHALL VERIFY WITH OWNER FOR OWNER FURNISHED CONTRACTOR INSTALLED ITEMS AND PROVIDE BACKING IN WALL AS REQUIRED FOR INSTALLATION.
- E. INTERIOR ELEVATIONS OF CERTAIN ROOMS ARE NOT DRAWN AND ARE NOTED AS SIMILAR ELEVATIONS OF ROOMS THAT ARE INDICATED IN THE DRAWINGS.
- F. CONTRACTOR SHALL PROVIDE FILLER PANELS (PLASTIC LAMINATE WRAPPED OVER 5/8" PARTICLE BOARD) WHEREVER GAP OCCURS BETWEEN CABINETS AND WALL.
- G. SEE FINISH FLOOR PLANS AND FINISH SCHEDULE A503A FOR WALL, CABINET AND COUNTERTOP FINISHES.
- H. SEE SHEET A504 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 (PL. Z5, S5, 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.
- I. COUNTERTOPS ARE TYPICALLY SUPPORTED BY WALLS AND BASE CABINETS. IN PLACES WHERE COUNTERTOP SPAN EXCEEDS 3'-0", STEEL SUPPORTS SHALL BE PROVIDED AS INDICATED IN DETAILS -/--- AND -/---.
- J. AS INDICATED ON INTERIOR ELEVATIONS, WALL CABINETS AT CERTAIN LOCATIONS MAY REQUIRE A VERTICAL OR A SLOPED FASCIA PANEL.
- K. AN ENLARGED FLOOR PLAN HAS BEEN INCLUDED ALONG WITH INTERIOR ELEVATIONS FOR ROOMS THAT ARE COMPLEX IN DESIGN. SUCH COMPLEX ROOMS ARE INDICATED ON THE A400 SERIES SHEETS (STARTING WITH SHEET A401). ENLARGED FLOOR PLANS ARE NOT SHOWN FOR ROOMS THAT ARE SIMPLE IN DESIGN. INTERIOR ELEVATIONS OF SUCH SIMPLER ROOMS ARE INDICATED ON THE A250 SERIES SHEETS (STARTING WITH SHEET A251).

GENERAL NOTES - DEMOLITION FLOOR PLAN

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

GENERAL NOTES - FLOOR & DIM. PLANS

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

GENERAL NOTES

- A. ENGINEERING CONSULTANT DRAWINGS INCLUDED IN THIS PROJECT ARE PART OF THE CONSTRUCTION DOCUMENTS. CONTRACTOR SHALL COORDINATE WITH SUB-CONTRACTORS AND REVIEW THE ENTIRE SET OF DRAWINGS AND SPECIFICATION SECTIONS IN THE PROJECT MANUAL. ANY DISCREPANCIES IN THE CONSTRUCTION DOCUMENTS MUST BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR REQUIRED CLARIFICATION. ANY CONSTRUCTION INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE GENERAL CONTRACTOR AT HIS/HER OWN EXPENSE AND AT NO EXPENSE TO THE OWNER OR ARCHITECT.
- B. ALL WORK SHALL COMPLY WITH THE CURRENT ADA ACCESSIBILITY GUIDELINES (AMERICANS WITH DISABILITIES ACT).
- C. REFER TO THE CODE COMPLIANCE PLAN FOR APPLICABLE CODES GOVERNING THIS WORK. CODE REQUIREMENTS AND REGULATIONS SHALL BE CONSIDERED AS MINIMUM, WHERE THE CONTRACT DOCUMENTS EXCEED (WITHOUT VIOLATING) CODE AND REGULATION REQUIREMENTS, CONTRACT DOCUMENTS SHALL TAKE PRECEDENCE. IF CONFLICT EXISTS, THE MORE STRINGENT SHALL APPLY.
- D. THE CONTRACTOR SHALL PROVIDE ADEQUATE BARRICADES AND PROTECTIVE DEVICES SEPARATING CONSTRUCTION AREAS. TEMPORARY PASSAGES SHALL BE PROVIDED AS REQUIRED. PRIOR TO DELIVERY OF MATERIALS TO CONSTRUCTION ZONE AND REMOVAL OF WASTE FROM SITE, THE CONTRACTOR SHALL CHECK WITH THE OWNER FOR AN ACCEPTABLE ROUTE AND TIME.
- E. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER LOCATION AND SIZE OF OPENINGS FOR ALL TRADES AND SHALL COORDINATE ALL CONSTRUCTION AS INDICATED BY THE CONTRACT DOCUMENTS, INCLUDING SHOP DRAWINGS REVIEWED BY THE ARCHITECT.
- F. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.
- G. FOR ALL REMODEL WORK AS OCCURS, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ALL MEASURES TO ACCOMPLISH THE WORK WITH THE MINIMUM OF INTERRUPTION TO NORMAL BUILDING PROCEDURES. SYSTEM SHUTDOWNS OF HVAC, PLUMBING, ELECTRICAL, AND NOISY CONSTRUCTION INCLUDING ROTI HAMMER, SAW CUTTING, CONCRETE ANCHORS, ETC. SHALL BE COORDINATED WITH THE OWNER AT LEAST 72 HOURS PRIOR TO COMMENCEMENT.
- H. ALL DIMENSIONS ARE SHOWN TO FACE OF GYPSUM BOARD OR NEW CONSTRUCTION OR STRUCTURAL WALL, UNLESS NOTED OTHERWISE.
- I. ALL DRAWINGS, THOUGH NOTED TO SCALE ARE FOR ILLUSTRATION ONLY. THE CONTRACTOR SHALL NOT SCALE DRAWINGS.
- J. WHEN A DETAIL IS IDENTIFIED AS TYPICAL, THE CONTRACTOR IS TO APPLY THIS DETAIL IN ESTIMATING AND CONNECTION TO EVERY LIKE CONDITION WHETHER OR NOT THE REFERENCE IS REPEATED IN EVERY INSTANCE.
- K. DRAWINGS HAVE BEEN DETAILED IN COMPLIANCE WITH U.L. LISTING REQUIREMENTS AND IBCO REPORTS FOR THE MATERIALS SPECIFIED. IF AN ALTERNATE OR SUBSTITUTED MATERIAL IS ACCEPTED AS AN EQUAL BY THE GENERAL CONTRACTOR, HE/SHE WILL ASSUME THE RESPONSIBILITY FOR WHATEVER CONSTRUCTION MODIFICATION AND/OR ADDITIONAL COSTS ARE REQUIRED.
- L. ALL TRASH SHALL BE REMOVED DAILY. BUILDING MATERIALS MAY NOT BE STORED IN THE CORRIDORS AT ANY TIME. BLOCKAGE OF ANY REQUIRED EXIT IS PROHIBITED.
- M. ALL PENETRATIONS INTO SOUND OR FIRE RATED PARTITIONS, FLOORS OR CEILING ASSEMBLIES SHALL BE SEALED WITH APPROVED PERMANENT RESILIENT SEALANT. REFER TO 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, RECESSED CABINETS, ETC. SHALL BE SEALED, LINED, INSULATED OR OTHERWISE TREATED TO MAINTAIN THE INTEGRITY OF THE ASSEMBLY. SEE PENETRATION DETAILS.
- N. ABBREVIATIONS THROUGHOUT THE PLAN ARE THOSE IN COMMON USE. THE ARCHITECT SHALL DEFINE THE INTENT OF ANY IN QUESTION.
- O. THE CONTRACTOR SHALL VERIFY SIZES AND LOCATIONS OF WATER AND DRAIN INSTALLATIONS AND OTHER REQUIRED SERVICES WITH EQUIPMENT MANUFACTURERS.
- P. MAINTAIN ALL EXISTING SPRAY-APPLIED FIRE PROOFING ON STEEL STRUCTURAL MEMBERS, WHERE EXISTING FIRE PROOFING IS REMOVED FOR INSTALLATION OF NEW BEAMS, UNISTRUTS, ETC. THE CONTRACTOR SHALL PATCH AGAIN WITH EQUIVALENT FIRE PROOFING MATERIAL TO MATCH ADJACENT EXISTING MATERIAL.
- Q. ALL WOOD CANTS, NAILERS, CURBS, ETC. THROUGHOUT JOB SHALL BE FIRE RETARDANT PRESSURE-TREATED, AS PER I.B.C. CURRENT VERSION SEE RELEVANT DETAILS.
- R. CONTRACTOR SHALL REFER TO THE PROJECT MANUAL FOR A COMPLETE LIST OF GENERAL CONDITIONS, SPECIAL CONDITIONS AND OTHER NOTES.
- S. CONTRACTOR IS REQUIRED TO SEAL AND/OR CAULK ALL ELECTRICAL AND MECHANICAL EQUIPMENT THAT IS MOUNTED TO, OR PENETRATING THE WALLS, CEILING, AND FLOOR FINISHES. ALL EQUIPMENT OR FURNISHINGS THAT ARE SURFACE MOUNTED TO THE WALLS AND CEILING ARE TO BE CAULKED FULLY AROUND ALL SURFACES ABUTTING THE FINISH SURFACE.
- T. CONTRACTOR IS REQUIRED TO CAULK THE TOP EDGE OF THE COVE BASE TRIM ALONGS ENTIRE LENGTH OF EACH WALL, INCLUDING ALL TRANSITIONS BETWEEN DIFFERING CONSTRUCTION MATERIALS AND DEVICES ARE TO BE CONTINUOUSLY CAULKED AND SEALED.
- U. DASHED LINE INDICATES FLOOR TO CEILING 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 3/8" 20 GA. MIL. STUDS @ 16" O.C. FRAMING WITH 5/8" TYPE 'X' GYPSUM BOARD ON BOTH SIDES. TAPE & SEAL ALL JOINTS AND OPENINGS. SEAL JOINTS AT PERIMETER WITH AIR-TIGHT GASKET OR SEAL. PAINT WALL ON EXISTING PHARMACY SIDE. PARTITION TO BE EQUIPPED WITH 4'-0" LOCKABLE MAIN DOOR WITH STICKY MATS ON BOTH SIDES OF DOOR. CONTRACTOR TO PROVIDE NEGATIVE AIR FLOW METER. COORDINATE WITH OWNER FOR EXACT LOCATION OF CONSTRUCTION BARRIER.

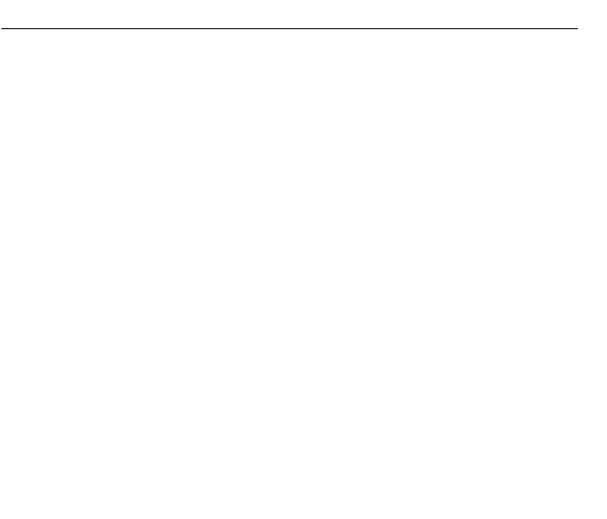
INTERIM LIFE SAFETY MEASURES

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. ILSM 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 7, 31 AND THE APPLICABLE OCCUPANCY CHAPTERS OF THE I.S.C. 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.1.3.15 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.



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GENERAL NOTES - DOOR SCHEDULE

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

GENERAL NOTES - REFLECTED CEILING PLAN

- A. SEE MECHANICAL DRAWINGS FOR DIFFUSER LOCATIONS IN CEILING. CONTRACTOR SHALL COORDINATE WITH LIGHT FIXTURES (AS INDICATED IN ELECTRICAL DRAWINGS) AND MOVIE DIFFUSERS AROUND THE LIGHT FIXTURE IF THERE IS ANY CONFLICT BETWEEN THE TWO.
- B. SOME OF THE ITEMS ON CEILING INDICATED IN MECHANICAL AND ELECTRICAL DRAWINGS, MAY OR MAY NOT BE INDICATED ON ARCHITECTURAL CEILING PLANS. SEE MECHANICAL AND ELECTRICAL DRAWINGS AND COORDINATE WITH ARCHITECT FOR ANY REQUIRED CLARIFICATIONS.
- C. CONTRACTOR SHALL NOT HANG CEILING TILES AND LIGHTS FROM DUCTS, FOR AREAS ABOVE THE CEILING WHERE OVERSIZE DUCTS OCCUR SEE DETAIL 11 / A503A.
- D. PAINT ALL VISIBLE EXPOSED ITEMS LIKE METAL DECK, STEEL ANGLES, STEEL BEAMS, STEEL TRUSSES, MISCELLANEOUS EXPOSED STEEL STRUCTURAL COMPONENTS, HOLLOW METAL DOORS, DOOR FRAMES & WINDOW FRAMES, PAINT EXPOSED SURFACES (WITH COLORS AND ACCENT COLORS AS SELECTED BY ARCHITECT) EXCEPT WHERE NATURAL FINISH OR MATERIAL IS SPECIFICALLY NOTED AS A SURFACE NOT TO BE PAINTED. DO NOT PAINT CONCEALED SURFACES, FINISHED METAL SURFACES, OPERATING PARTS AND PRE FINISHED ITEMS.

GENERAL NOTES - WALL TYPES

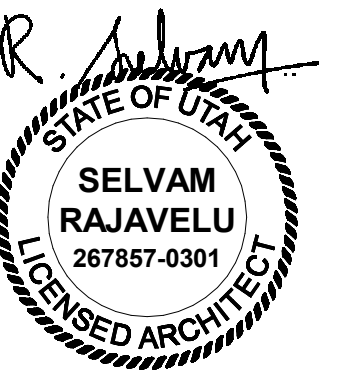
- A. CONTRACTOR SHALL VERIFY ITEMS LIKE SEMI OR FULLY RECESSED MISCELLANEOUS BOXES, PANELS, PLUMBING LINES, CONDUITS, PIPES, ETC. THAT ARE CONCEALED IN THE WALL. IF 3-5/8" METAL STUDS ARE INADEQUATE, CONTRACTOR SHALL NOTIFY THE ARCHITECT AND USE 6" STUDS. COORDINATE WITH ALL THE CONSULTANT DRAWINGS PRIOR TO WALL CONSTRUCTION AND USE 6" OR 8" 20 GAUGE METAL STUDS FOR FRAMING IN LIEU OF 3-5/8" METAL STUDS.
- B. 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.
- C. PROVIDE CONTROL JOINT AS PER DETAIL _____ 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.
- D. FOR LOCATION OF FIRE RATED WALLS AND SMOKE PARTITION WALLS SEE CODE COMPLIANCE PLAN.
- E. SEE DIMENSION FLOOR PLANS FOR WALL TYPES USED IN THIS PROJECT. SOME WALL TYPES MAY NOT BE USED IN THIS PROJECT.
- F. 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.

Intermountain Healthcare
 Riverton Hospital
 Pharmacy Remodel (USP 797)

NJRA Project # _____
CONSTRUCTION DOCUMENTS

General
Legend &
Notes

G005



LEGEND	DESCRIPTION	FIRE RESISTANCE RATING	DOOR FIRE RATING	WINDOW FIRE RATING
●	PATH OF TRAVEL	N/A	N/A	N/A
F.E.C.	FIRE EXTINGUISHER & CABINET	N/A	N/A	N/A
GL-3	OCCUPANT LOAD	N/A	N/A	N/A
SP-SP-SP-SP-SP	SMOKE PARTITION WALL	0-HOUR FIRE RESISTANCE	SMOKE	SMOKE
SB-SB-SB-SB-SB	SMOKE BARRIER WALL	1-HOUR FIRE RESISTANCE	1/3-HOUR	3/4-HOUR
◆◆◆◆◆	1-HOUR FIRE RATED	1-HOUR FIRE RESISTANCE	3/4-HOUR	3/4-HOUR
◆◆◆◆◆	2-HOUR FIRE RATED	2-HOUR FIRE RESISTANCE	1 1/2-HOUR	1 1/2-HOUR
EXIT SIGN	EXIT SIGN	N/A	N/A	N/A
AREA OF REMODEL	AREA OF REMODEL	N/A	N/A	N/A

CODE REVIEW

APPLICABLE CODES
 International Building Code (IBC) 2018
 International Fire Code (IFC) 2018
 International Mechanical Code (IMC) 2018
 International Plumbing Code (IPC) 2018
 ANSI/ASHRAE/IES Standard 90.1 2010
 National Electric Code (NEC) 2017
 NFPA 101 2018
 ANSI 117.1 2009

FIRE RESISTANCE RATING FOR BUILDING ELEMENTS (TABLE 601)

	Required	Provided
Structural Frame:	3	3
Bearing Walls:		
Exterior	0	0
Interior	0	0
Non-Bearing Walls:		
Exterior	0	0
Interior	0	0
Floor Construction	2	2
Roof Construction	1 - 1/2	1 - 1/2

INCIDENTAL ACCESSORY OCCUPANCIES (TABLE 509)
 Storage over 100 Sq. Ft. 1 HOUR
 Waste & Linen Rooms over 100 Sq. Ft. 1 HOUR

OCCUPANCY : I-2 (Hospital)

CONSTRUCTION TYPE : Existing

OTHER CODE REQUIREMENTS
 Travel Distance : Unchanged
 Common Path of Travel : Unchanged
 Minimum Corridor Width : Unchanged
 Roof Covering Classification : Unchanged

AUTOMATICALLY SPRINKLED
 Building is equipped with an automatic fire extinguishing sprinkler system.

OCCUPANT LOADS:
 Business (Institutional) : 100 Sq. Ft. Gross per Occupant

Total Occupant Load : Unchanged

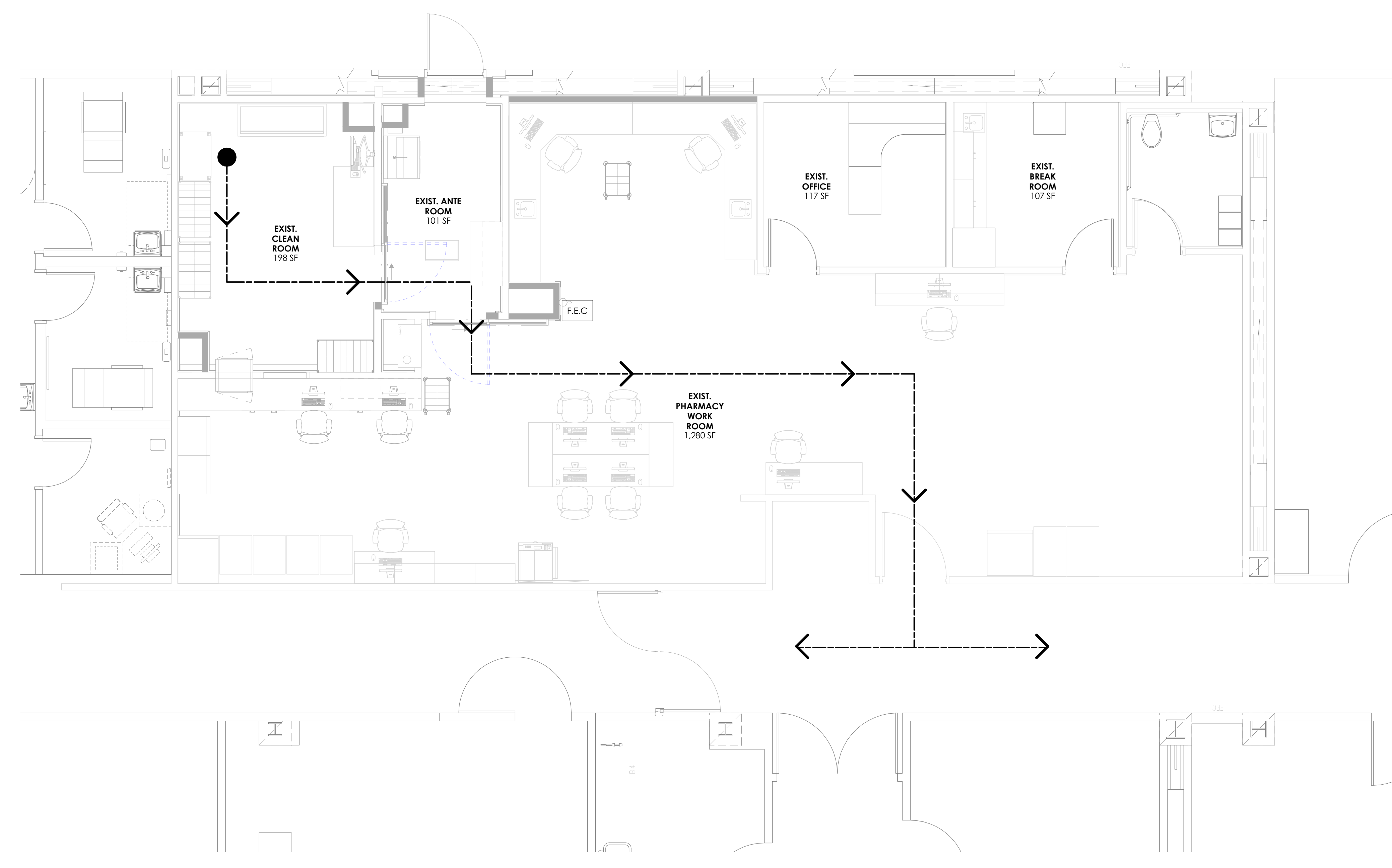
Egress width required : Unchanged
 Egress width provided : Unchanged

BUILDING AREA
 Allowable Area (per floor): Unchanged
 Actual Area (per floor): Unchanged

NUMBER OF STORIES
 Allowable Stories : Unchanged
 Actual Stories : Unchanged

BUILDING HEIGHT
 Allowable Height : Unchanged
 Actual Height : Unchanged

PLUMBING FIXTURES REQUIRED: Unchanged
PLUMBING FIXTURES PROVIDED: Unchanged



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



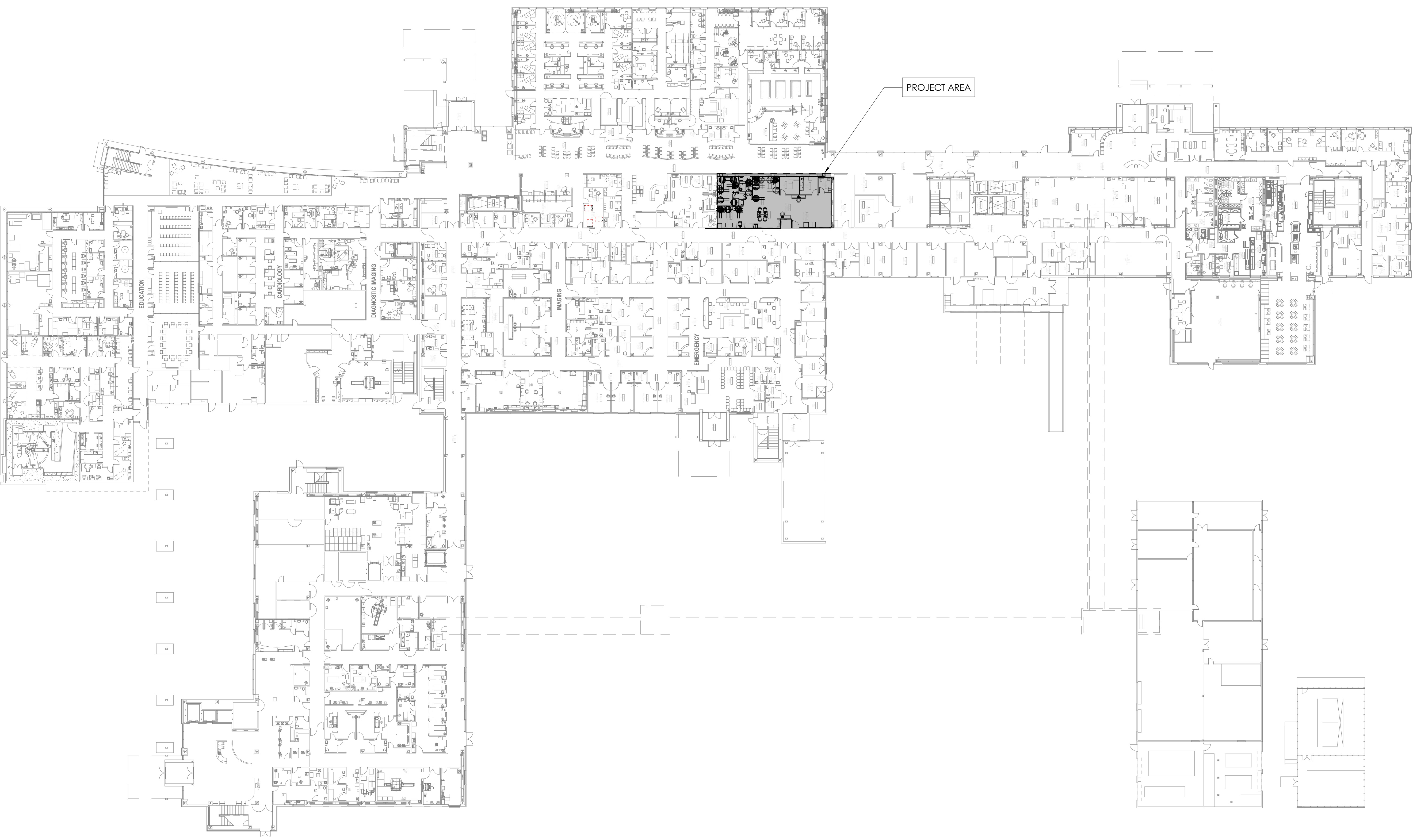
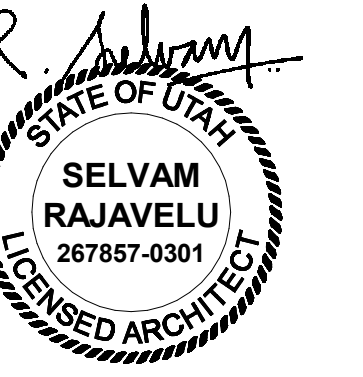
Intermountain Healthcare
 Riverton Hospital
 Pharmacy Remodel (USP 797)

3741 West 12600 South
 Riverton, Utah 84065

NJRA Project # 19228.02
 CONSTRUCTION DOCUMENTS Sep. 16, 2019

Code Compliance
 Plan Level 1

G111



KEYED NOTES

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A602A FOR FINISH SCHEDULE AND GENERAL NOTES.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. CONTRACTOR IS REQUIRED TO SEAL AND/OR CAULK ALL ELECTRICAL AND MECHANICAL EQUIPMENT THAT IS MOUNTED TO, OR PENETRATING THE WALLS, CEILINGS, AND FLOOR FINISHES. ALL EQUIPMENT OR FURNISHINGS THAT ARE SURFACE MOUNTED TO THE WALLS AND CEILINGS ARE TO BE CAULKED FULLY AROUND ALL SURFACES ABUTTING THE FINISH SURFACE.
- E. CONTRACTOR IS REQUIRED TO CAULK THE TOP EDGE OF THE COVE BASE TRIM ALONG ENTIRE LENGTH OF EACH WALL, INCLUDING ALL TRANSITIONS BETWEEN DIFFERING CONSTRUCTION MATERIALS AND DEVICES ARE TO BE CONTINUOUSLY CAULKED AND SEALED.
- F. CONTRACTOR IS REQUIRED TO CONSTRUCT A TEMPORARY DUST PARTITION BETWEEN AREAS OF CONSTRUCTION AND PHARMACY AREAS THAT ARE TO REMAIN FULLY FUNCTIONAL DURING CONSTRUCTION. SEE PLAN FOR PROPOSED LINE OF DUST PARTITION.
- G. PAINT CLEAN ROOM, ANTE ROOM WALLS & CEILING WITH 2 PART EPOXY PAINT. SEE SPECIFICATIONS.

1 Level 1 - Overall Existing Plan - For Reference Only
SCALE: 1" = 30'-0"

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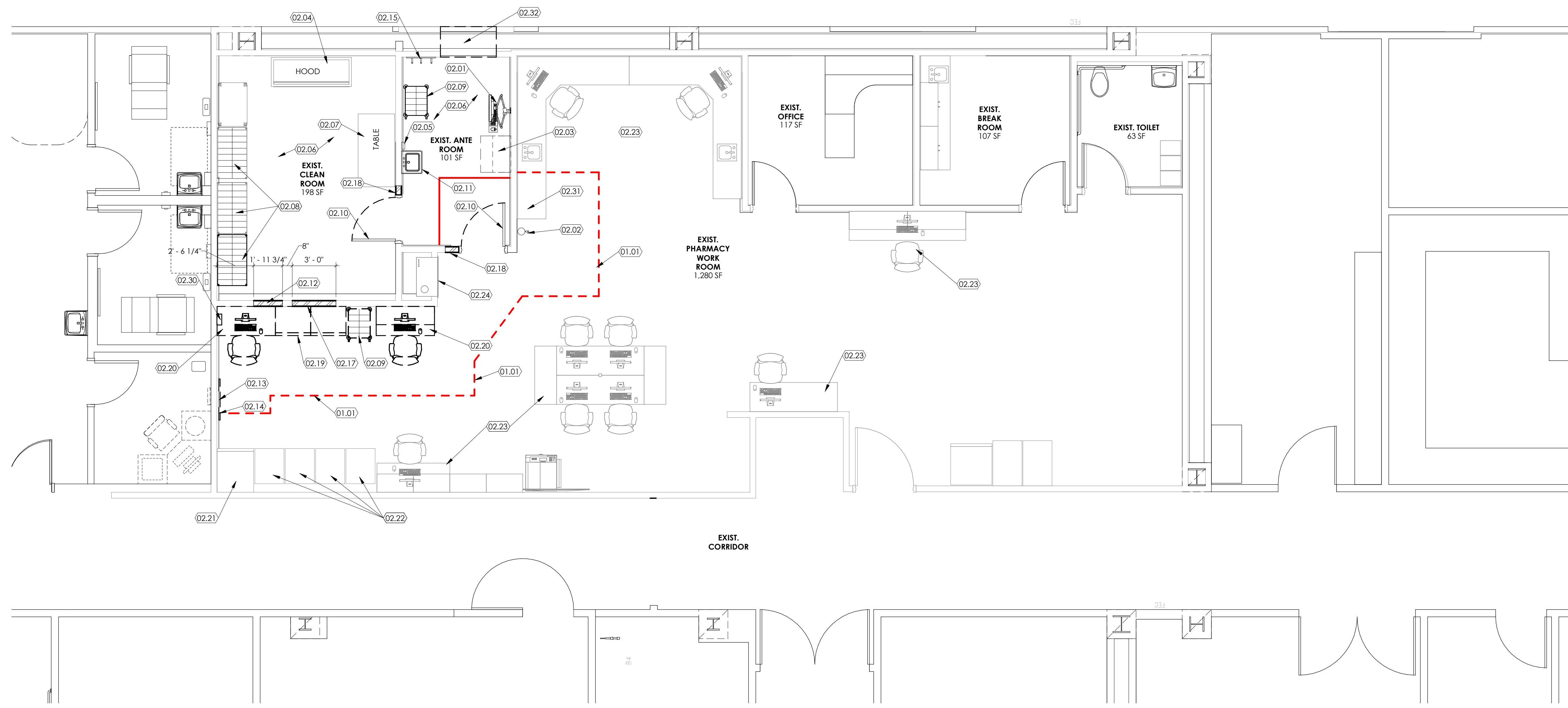
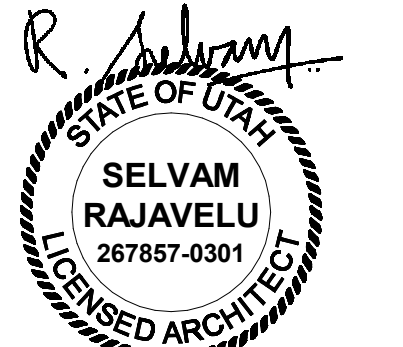
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NJRA Project # 19228.02
CONSTRUCTION DOCUMENTS Sep. 16, 2019

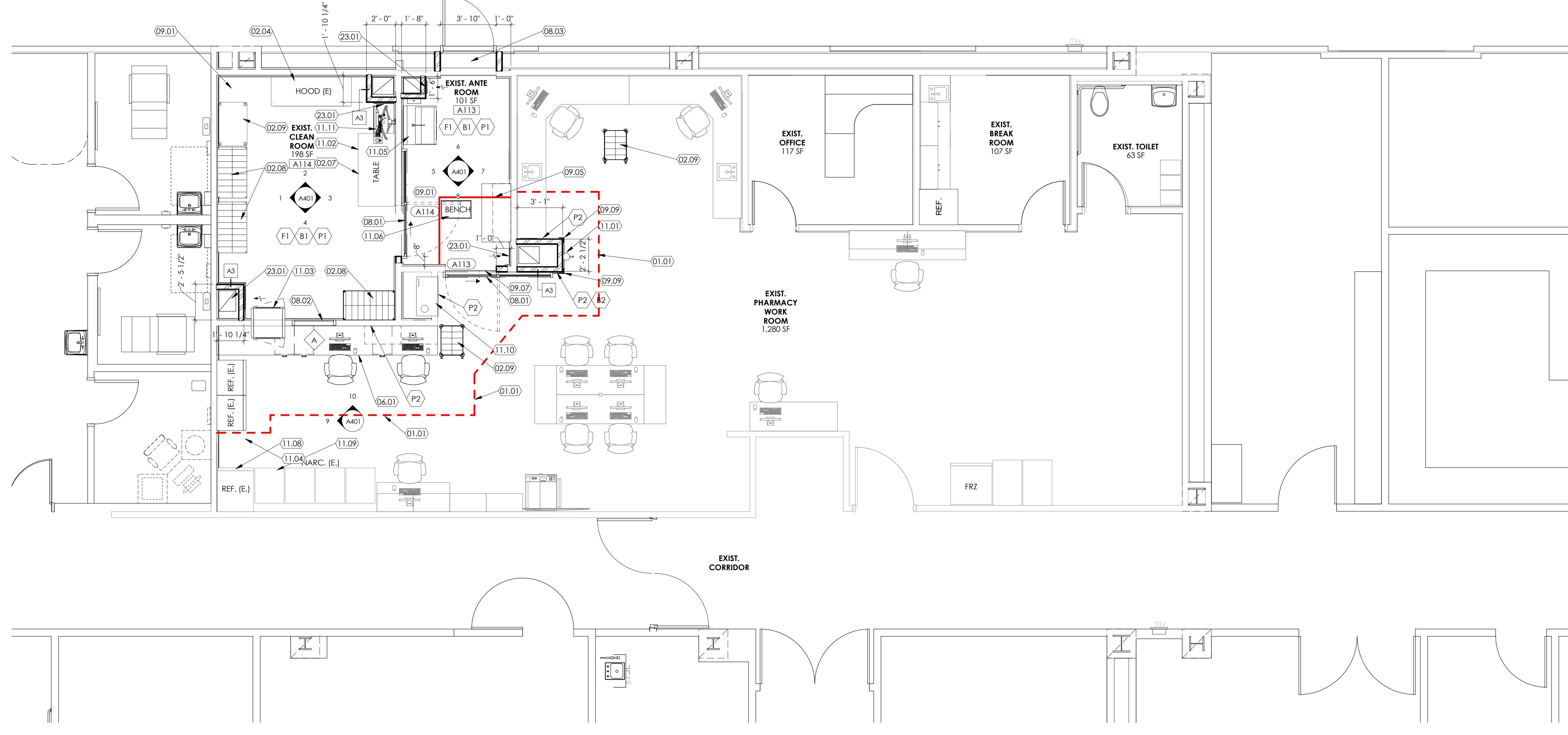
Floor Plan
Level 1
Overall

A111

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



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

KEYED NOTES

- 01.01 CONTRACTOR TO CONSTRUCT DUST PARTITION WALL - COORD. EXACT LOCATION W/ OWNER.
- 02.01 REMOVE EXISTING COMPUTER BY OWNER. CONTRACTOR TO REMOVE, SALVAGE AND REINSTALL EXISTING COMPUTER WALL MOUNT ASSEMBLY IN NEW CLEAN ROOM. PATCH WALL AS REQUIRED.
- 02.02 EXISTING FIRE EXTINGUISHER AND MOUNTING BRACKET TO BE REMOVED. SALVAGED AND REINSTALLED.
- 02.03 REMOVE EXIST. MILLWORK & COUNTERTOP COMPLETE. PATCH & REPAIR WALL AS REQUIRED.
- 02.04 EXIST. HOOD TO REMAIN. NEW CASTERS TO BE INSTALLED BY OWNER.
- 02.05 REMOVE EXISTING HAND WASH SINK ACCESSORIES. COORDINATE WITH OWNER FOR ACCESSORIES DISPOSAL OR SALVAGED.
- 02.06 EXIST. VINYL FLOORING & BASE TO BE REMOVED COMPLETE. PREP FLOOR & WALLS TO RECEIVE NEW FINISHES.
- 02.07 EXIST. STAINLESS STEEL TABLE TO REMAIN.
- 02.08 EXIST. STAINLESS STEEL WIRE RACK TO REMAIN.
- 02.09 EXIST. STAINLESS STEEL CART TO REMAIN.
- 02.10 EXIST. DOOR & FRAME TO BE REMOVED COMPLETE.
- 02.11 EXIST. SINK TO BE REMOVED COMPLETE. COORD. USE OF EXIST. PLUMBING FOR NEW SCRUB SINK W/ PLUMBING DRAWINGS. PATCH WALL AS REQUIRED.
- 02.12 REMOVE PORTION OF EXIST. WALL AS REQUIRED FOR NEW PASS-THRU MODULE. SEE NEW FLOOR PLAN. DIMENSIONS SHOWN ARE FOR ACTUAL UNITS AND ADDITIONAL DEMOLITION WILL BE REQUIRED TO PROVIDE ADEQUATE WALL FRAMING FOR MOUNTING EQUIPMENT.
- 02.13 EXIST. FIRE ALARM TO BE REMOVED & RELOCATED - SEE ELECTRICAL DRAWINGS.
- 02.14 REMOVE EXIST. MARKER BOARD AND RETURN TO OWNER.
- 02.15 EXISTING CLOTHES HOOKS TO BE REMOVED AND RETURN TO OWNER.
- 02.17 REMOVE PORTION OF EXIST. WALL AS REQUIRED FOR NEW CLEAN ROOM WINDOW. SEE NEW FLOOR PLAN & WINDOW SCHEDULE. DIMENSIONS SHOWN ARE FOR ACTUAL UNITS AND ADDITIONAL DEMOLITION WILL BE REQUIRED TO PROVIDE ADEQUATE WALL FRAMING FOR MOUNTING WINDOW.
- 02.18 REMOVE PORTION OF EXIST. WALL AS REQUIRED FOR INSTALLATION OF NEW ELECTRIC SLIDING DOOR. FRAMING AND REQUIRED WALL BACKING - SEE NEW FLOOR PLAN.
- 02.19 REMOVE EXIST. DOUBLE FRIDGE & SALVAGE FOR REINSTALLATION.
- 02.20 REMOVE AND DISPOSE WORK SPACE DESK COMPLETE. PATCH WALL AS REQUIRED. SALVAGE SHELVING UNITS, BASE STORAGE CABINETS AND RETURN TO OWNER.
- 02.21 EXIST. REFRIGERATOR TO REMAIN FULLY ACCESSIBLE AND FUNCTIONAL DURING CONSTRUCTION.
- 02.22 EXIST. NARC CABINETS TO REMAIN FULLY FUNCTIONAL AND ACCESSIBLE DURING CONSTRUCTION.
- 02.23 EXIST. WORK SPACE TO REMAIN FULLY FUNCTIONAL AND ACCESSIBLE DURING CONSTRUCTION.
- 02.24 EXIST. PNEUMATIC TUBE STATION TO REMAIN FULLY ACCESSIBLE AND FUNCTIONAL DURING CONSTRUCTION.
- 02.30 REMOVE EXISTING WALL MOUNTED STORAGE BIN COMPLETE - PATCH & REPAIR WALL AS REQUIRED.
- 02.31 REMOVE PORTION OF EXISTING MILLWORK & COUNTERTOP AS REQUIRED FOR PLACEMENT OF TEMPORARY DUST PARTITION AND NEW MECHANICAL LOW WALL RETURN ENCLOSURE. SALVAGE FOR RE-INSTALLATION.
- 02.32 REMOVE PORTION OF EXISTING WALL FOR TEMPORARY 3'-6" ACCESS DOOR FROM MAIN CORRIDOR TO ANTE ROOM. REMOVE BASE AND HANDRAIL IN CORRIDOR AS REQUIRED AND SALVAGE FOR RE-INSTALLATION.
- 06.01 NEW MILLWORK W/ CHEMICAL RESISTANT PLASTIC LAMINATE COUNTERTOP
- 08.01 NEW AUTOMATIC SLIDING DOOR ASSA ABLOY BESAM SL500 SA-PP - FINISH OPENING TO BE 3'-6" W MIN. COORDINATE ELECTRICAL REQUIREMENTS W/ ELECTRICAL DRAWINGS. SEE DOOR SCHEDULE. DOORS AND ALL ASSOCIATED HARDWARE TO BE O.F.C.I.
- 08.02 CLEAN ROOM WINDOW BY TERRA UNIVERSAL - 2" WIDE 304 STAINLESS STEEL FRAME - FLUSH MOUNT DESIGN W/ 1/2" THICK SINGLE PANE TEMPERED GLASS. SEE WINDOW TYPES, WINDOW AND ALL ASSOCIATED TRIM TO BE O.F.C.I.
- 08.03 CONTRACTOR TO PROVIDE TEMPORARY ACCESS DOOR (3'-6" WIDE MIN.) FIELD VERIFY EXISTING STRUCTURAL CONDITIONS AT NEW DOOR OPENING. DOOR MUST SEAL TIGHT TO CONTROL DUST AND DEBRIS FROM ENTERING CORRIDOR. DOOR TO BE REMOVED AT END OF PROJECT. CONTRACTOR IS RESPONSIBLE TO INFILL HOLE. PATCH AND REPAIR ALL FINISHES AND REINSTALL ALL FURNISHINGS THAT WERE REMOVED. PATCH AND REPAIR EXISTING CORRIDOR FINISHES TO MATCH EXISTING.
- 09.01 NEW VINYL FLOORING W/ COVE BASE. SEE FINISH SCHEDULE.
- 09.05 PROVIDE 4" WIDE RED VINYL DEMARCATION LINE WHERE SHOWN.
- 09.07 PROVIDE RESILIENT TRANSITION STRIP AT THIS LOCATION - SEE TRANSITION STRIP DETAIL.
- 09.09 STAINLESS STEEL CORNER GUARD INSTALLED ABOVE WALL BASE.
- 11.01 NEW STAINLESS STEEL TABLE & SHELVES - O.F.C.I.
- 11.02 EXIST. STAINLESS STEEL TABLE.
- 11.03 NEW WALL MOUNT, HEPA FILTERED, STAINLESS STEEL PASS THRU MODULE CAP10WH-S31-BW11B1X1B0 - O.F.C.I.
- 11.04 RELOCATED DOUBLE REFRIGERATOR.
- 11.05 NEW MAC MEDICAL SURGICAL SCRUB SINK. MODEL #SS32 W/ INWALL CARRIER MODEL #S0001 - O.F.C.I. - COORD. W/ PLUMBING & ELECTRICAL DRAWINGS.
- 11.06 NEW STAINLESS STEEL BENCH - O.F.C.I.
- 11.08 EXIST. REFRIGERATOR
- 11.09 EXIST. NARC CABINETS
- 11.10 EXIST. PNEUMATIC TUBE STATION - CONTRACTOR TO MAINTAIN FULL PHARMACY ACCESS DURING CONSTRUCTION - COORD. LOCATION OF DUST WALL W/ OWNER.
- 11.11 NEW ERGOTRON WALL MOUNTED COMPUTER. O.F.C.I.
- 23.01 LOW AIR RETURN DUCT & CHASE. SEE MECHANICAL DRAWINGS.

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A602A FOR FINISH SCHEDULE AND GENERAL NOTES.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. CONTRACTOR IS REQUIRED TO SEAL AND/OR CAULK ALL ELECTRICAL AND MECHANICAL EQUIPMENT THAT IS MOUNTED TO, OR PENETRATING THE WALLS, CEILINGS, AND FLOOR FINISHES. ALL EQUIPMENT OR FURNISHINGS THAT ARE SURFACE MOUNTED TO THE WALLS AND CEILINGS ARE TO BE CAULKED FULLY AROUND ALL SURFACES ABUTTING THE FINISH SURFACE.
- E. CONTRACTOR IS REQUIRED TO CAULK THE TOP EDGE OF THE COVE BASE TRIM ALONG ENTIRE LENGTH OF EACH WALL, INCLUDING ALL TRANSITIONS BETWEEN DIFFERING CONSTRUCTION MATERIALS AND DEVICES ARE TO BE CONTINUOUSLY CAULKED AND SEALED.
- F. CONTRACTOR IS REQUIRED TO CONSTRUCT A TEMPORARY DUST PARTITION BETWEEN AREAS OF CONSTRUCTION AND PHARMACY AREAS THAT ARE TO REMAIN FULLY FUNCTIONAL DURING CONSTRUCTION. SEE PLAN FOR PROPOSED LINE OF DUST PARTITION.
- G. PAINT CLEAN ROOM, ANTE ROOM, WALLS & CEILING WITH 2 PART EPOXY PAINT. SEE SPECIFICATIONS.

Intermountain Healthcare
 Riverton Hospital
 Pharmacy Remodel (USP 797)

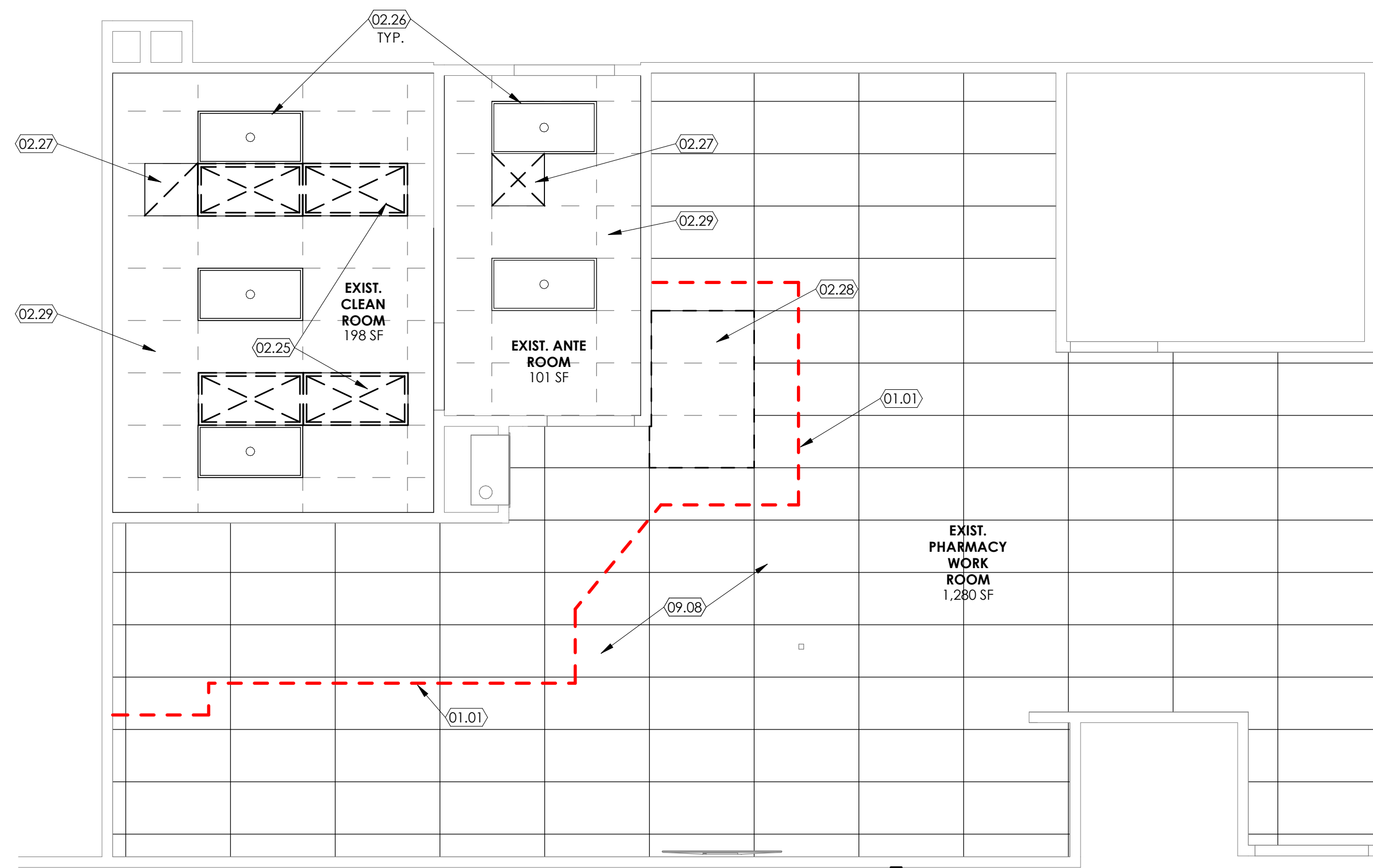
3741 West 12600 South
 Riverton, Utah 84065

NJRA Project # 19228.02
CONSTRUCTION DOCUMENTS Sep. 16, 2019

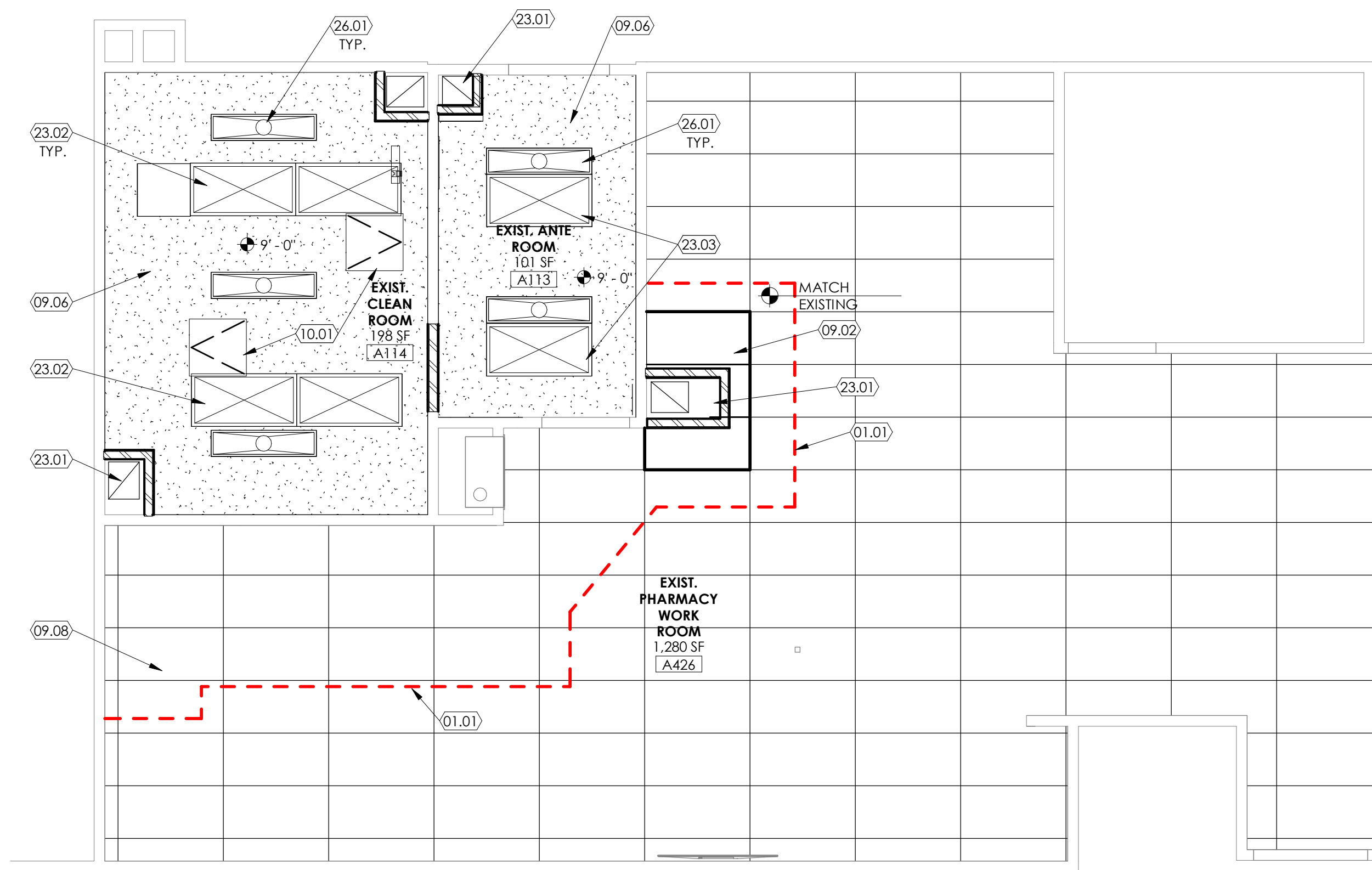
Demolition &
New Floor
Plan Level 1

A112

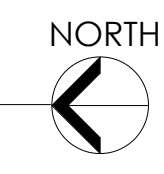
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1 Demolition Ceiling Plan Level 1
SCALE: 1/4" = 1'-0"



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



KEYED NOTES

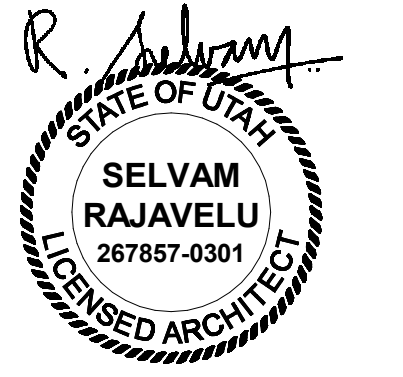
- 01.01 CONTRACTOR TO CONSTRUCT DUST PARTITION WALL - COORD. EXACT LOCATION W/ OWNER.
- 02.25 EXIST. FAN FILTER UNIT TO BE REMOVED & SALVAGED - COORDINATE W/ MECHANICAL FOR ADDITIONAL REQUIREMENTS.
- 02.26 EXIST. LIGHT FIXTURE TO BE REMOVED & SALVAGED.
- 02.27 EXIST. MECHANICAL DIFFUSER TO BE REMOVED & SALVAGED.
- 02.28 PORTION OF EXIST. CEILING GRID TO BE REMOVED AS REQUIRED FOR NEW CONSTRUCTION - SEE NEW FLOOR PLAN.
- 02.29 EXIST. LAY-IN CEILING TILE & GRID TO BE REMOVED COMPLETE.
- 09.02 NEW CEILING GRID & TILE TO MATCH ADJACENT CEILING. SEE CEILING DETAILS ON A503A.
- 09.06 NEW GYPSUM BOARD 5/8" TYPE 'X' (9'-0" A.F.F. SAME ELEVATION AS PRIOR CEILING) - PAINT W/ 2-PART EPOXY PAINT - SEE FINISH SCHEDULE & SPECS.
- 09.08 EXIST. LAY-IN CEILING TILE & GRID TO REMAIN.
- 10.01 PROVIDE NEW 24X24 ACCESS PANEL - COORD. W/ MECHANICAL DRAWINGS.
- 23.01 LOW AIR RETURN DUCT & CHASE. SEE MECHANICAL DRAWINGS.
- 23.02 RELOCATED FAN FILTER UNITS. SEE MECHANICAL DRAWINGS.
- 23.03 NEW FAN FILTER UNIT. SEE MECHANICAL DRAWINGS.
- 26.01 NEW LED CLEAN ROOM LIGHT FIXTURE - COORD. REQUIREMENTS W/ ELECTRICAL DRAWINGS.

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A602A FOR FINISH SCHEDULE AND GENERAL NOTES.
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- F. CONTRACTOR IS REQUIRED TO CONSTRUCT A TEMPORARY DUST PARTITION BETWEEN AREAS OF CONSTRUCTION AND PHARMACY AREAS THAT ARE TO REMAIN FULLY FUNCTIONAL DURING CONSTRUCTION. SEE PLAN FOR PROPOSED LINE OF DUST PARTITION.
- G. PAINT CLEAN ROOM, ANTE ROOM WALLS & CEILING WITH 2 PART EPOXY PAINT. SEE SPECIFICATIONS.



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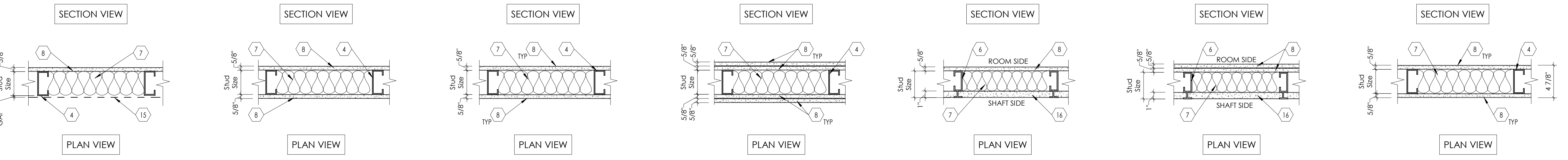
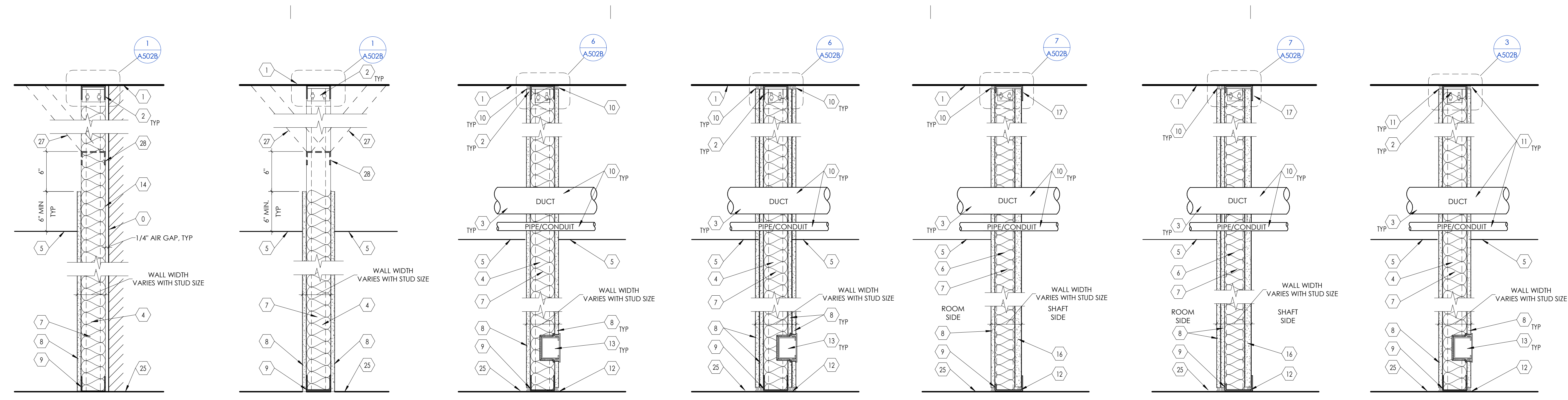
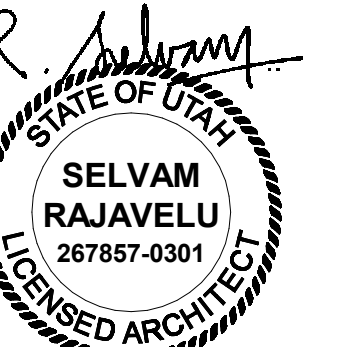
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CONSTRUCTION DOCUMENTS Sep. 16, 2019

Demolition &
 New
 Reflected
 Ceiling Plan
 Level 1
A113

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WALL TYPE	STUD SIZE	WALL WIDTH
A1	1 1/2"	2 1/8"
A2	2 1/2"	3 1/8"
A3	3 5/8"	4 1/4"
A4	6"	6 5/8"

Type - A
Metal Stud
Furring Wall

WALL TYPE	STUD SIZE	WALL WIDTH
B2	2 1/2"	3 3/4"
B3	3 5/8"	4 7/8"
B6	6"	7 1/4"

Type - B
Typical Metal
Stud Wall

WALL TYPE	STUD SIZE	WALL WIDTH
C3	3 5/8"	4 7/8"
C4	4"	5 1/4"
C6	6"	7 1/4"

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

WALL TYPE	STUD SIZE	WALL WIDTH
D3	3 5/8"	6 1/8"
D4	4"	6 5/8"
D6	6"	8 1/2"

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

WALL TYPE	STUD SIZE	WALL WIDTH
E2	2 1/2"	3 1/8"
E4	4"	4 5/8"
E6	6"	6 5/8"

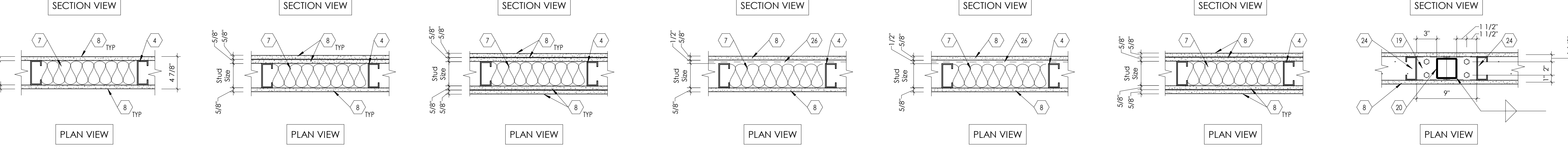
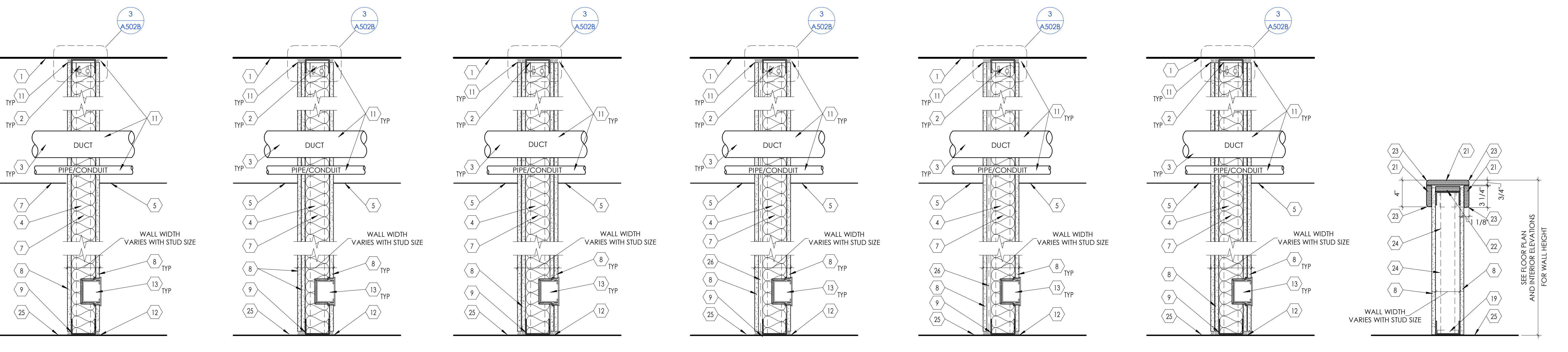
Type - E
1 Hour Fire Rated
Shaft Wall
UL DESIGN #: U415 SYS. A

WALL TYPE	STUD SIZE	WALL WIDTH
F4	4"	5 1/4"
F6	6"	7 1/4"

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

WALL TYPE	STUD SIZE	WALL WIDTH
G2	2 1/2"	3 3/4"
G3	3 5/8"	4 7/8"
G4	4"	5 1/4"
G6	6"	7 1/4"

Type - G
Smoke Partition



WALL TYPE	STUD SIZE	WALL WIDTH
H3	3 5/8"	4 7/8"
H4	4"	5 1/4"
H6	6"	7 1/4"

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

WALL TYPE	STUD SIZE	WALL WIDTH
J3	3 5/8"	5 1/2"
J4	4"	5 7/8"
J6	6"	7 7/8"

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

WALL TYPE	STUD SIZE	WALL WIDTH
K3	3 5/8"	6 1/8"
K4	4"	6 1/2"
K6	6"	8 1/2"

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

WALL TYPE	STUD SIZE	WALL WIDTH
L3	3 5/8"	5 3/8"
L4	4"	5 3/4"
L6	6"	7 3/4"

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

WALL TYPE	STUD SIZE	WALL WIDTH
M3	3 5/8"	5 3/8"
M4	4"	5 3/4"
M6	6"	7 3/4"

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

WALL TYPE	STUD SIZE	WALL WIDTH
N3	3 5/8"	6 1/8"
N4	4"	6 1/2"
N6	6"	8 1/2"

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

WALL TYPE	STUD SIZE	WALL WIDTH
P3	3 5/8"	4 7/8"
P4	4"	5 1/4"
P6	6"	7 1/4"

Type - P
Partial Height Wall

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 (30 MILS) AT 16" O.C. U.N.O. BASED ON WALL TYPES INDICATED IN OUR PLAN. PROVIDE STUDS 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. U.N.O. 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'.
- ANCHOR BASE TRACK TO CONCRETE FLOOR BELOW. SEE DETAIL 8 / A502A
- FILL GAP BETWEEN DECK AND METAL TRACK TOP RUNNER WITH FIRESTOP SEALANT, SEAL TIGHTLY AROUND ALL PIPES, CONDUITS, DUCTS, ETC. ON EACH SIDE OF THE FIRE BARRIER WALL (CONTINUOUS) WITH APPROVED FIRESTOP SEALANT INSTALLED AROUND ALL PENETRATIONS TO MAINTAIN THE INTEGRITY OF THE FIRE BARRIER.
- FILL GAP BETWEEN DECK AND METAL TRACK TOP RUNNER WITH ACOUSTIC SEALANT, SEAL TIGHTLY AROUND ALL PIPES, CONDUITS, DUCTS, ETC. ON EACH SIDE OF THE WALL (CONTINUOUS) AND AROUND ALL PENETRATIONS TO MAINTAIN THE INTEGRITY OF THE WALL.
- STOP GYPSUM BOARD 1/4" ABOVE THE FLOOR TYP. ON EACH SIDE OF WALL. PROVIDE ACOUSTIC SEALANT AT SOUND WALLS AND FIRESTOP SEALANT AT RATED WALLS ON EACH SIDE OF THE WALL (CONTINUOUS).
- OUTLET BOX AS OCCURS. PROVIDE FIRE BARRIER MOLDABLE PUTTY PADS AND FIRESTOP SEALANT AROUND ELECTRICAL BOXES AT ALL RATED WALLS AND SOUND BARRIER WALLS AND AT BACK TO BACK ELECTRICAL BOXES AT SMOKE PARTITION WALLS. TYP.
- PROVIDE STRAPPING AND BLOCKING AT FURRING WALL. SEE DETAIL 12 / A502A
- LINE INDICATES EXISTING WALL OR STRUCTURE. PROVIDE 1/4" AIR GAP.
- GYPSUM BOARD SHAFT LINER PANEL, 1" THICK, TYPE 'X', ATTACHED TO C-H STUDS.
- STEEL RUNNER, I SHAPED WITH UNEQUAL LEGS OF 1" AND 2", 20 GA. ATTACHED TO FLOOR AND STRUCTURE ABOVE WITH FASTENERS LOCATED NO GREATER THAN 2" FROM ENDS AND NO MORE THAN 24" O.C. RUNNERS SHOULD BE POSITIONED WITH SHORT LEG TO FINISHED SIDE OF WALL.
- STOP STUD RUNNER AT BASE PLATES.
- 3/8" THICK STEEL PLATE 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 6'-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 16GA STRUCTURAL (35 MILS) AT 16" O.C. PROVIDE RUNNERS AT TOP AND BOTTOM. ATTACH TOP RUNNER TO PLYWOOD AND VERTICAL STEEL POST.
- LINE OF FLOOR.
- 2" x 1/2" RESILIENT CHANNEL 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 3-5/8" x 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-BRACING WALLS.

GENERAL NOTES

- CONTRACTOR SHALL VERIFY ITEMS LIKE SEMI OR FULLY RECESSED MISCELLANEOUS BOXES, PANELS, PLUMBING LINES, CONDUITS, PIPES, ETC. THAT ARE CONCEALED IN THE WALL IF 3-5/8" 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 3-5/8" 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.

Intermountain Healthcare
Riverton Hospital
Pharmacy Remodel (USP 797)

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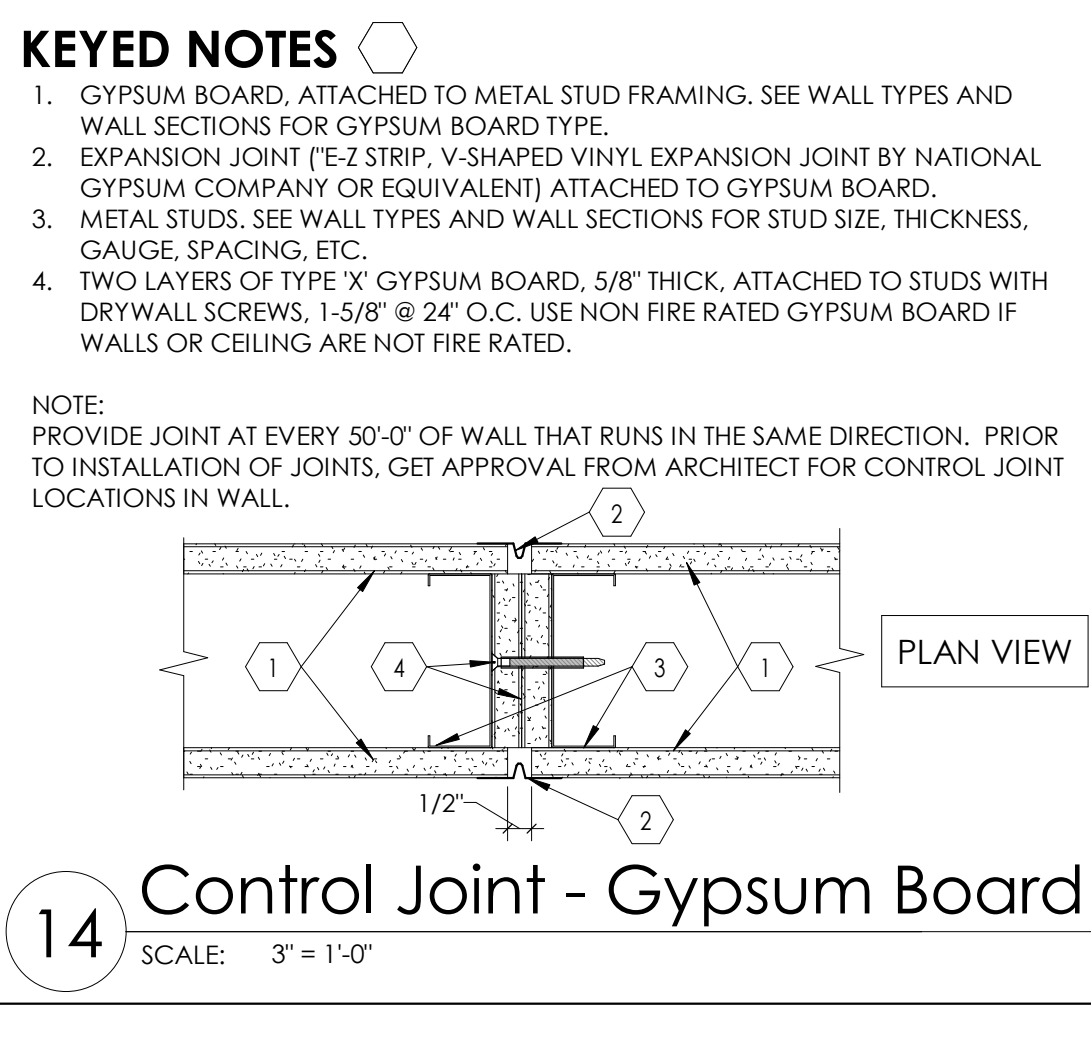
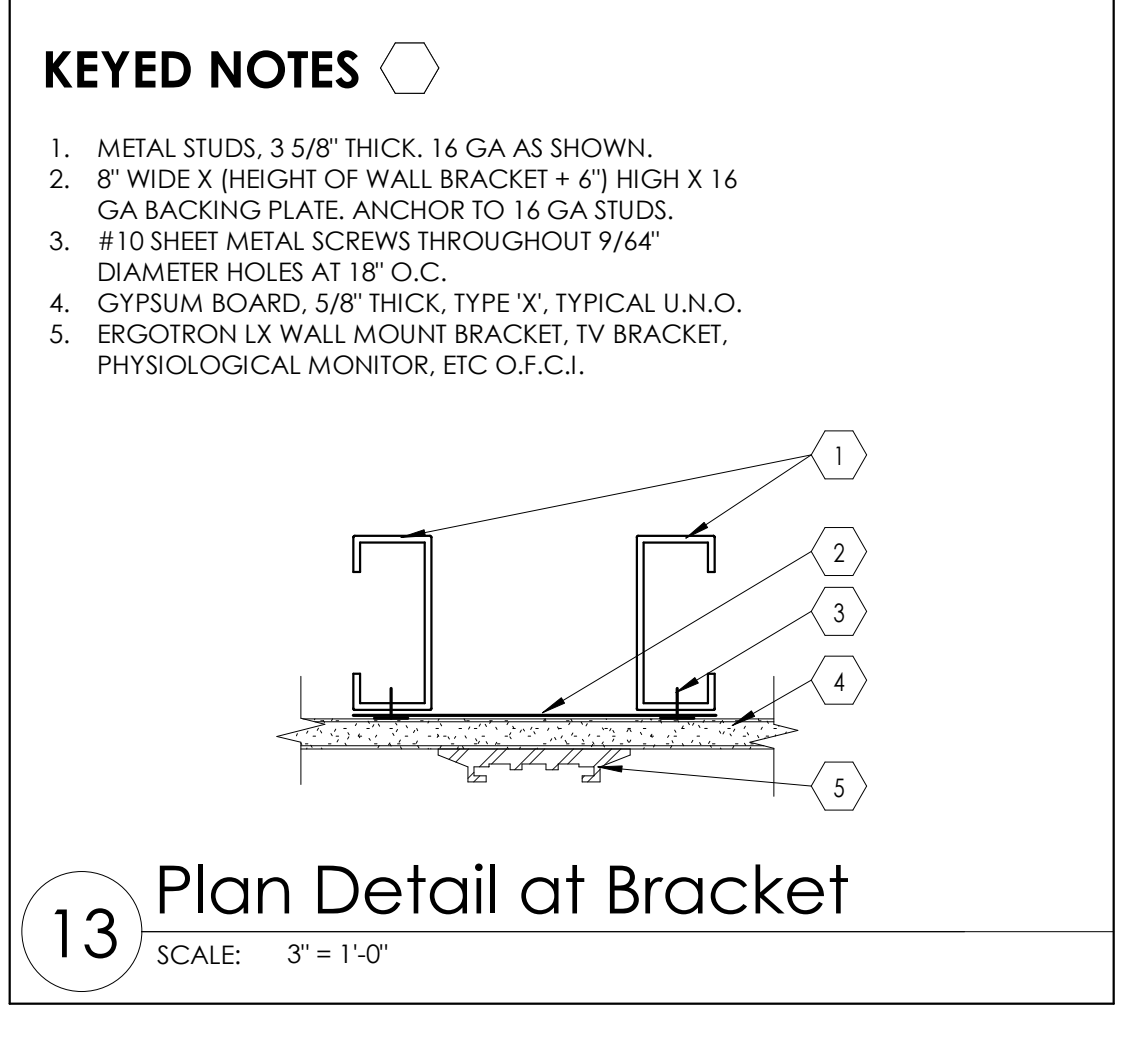
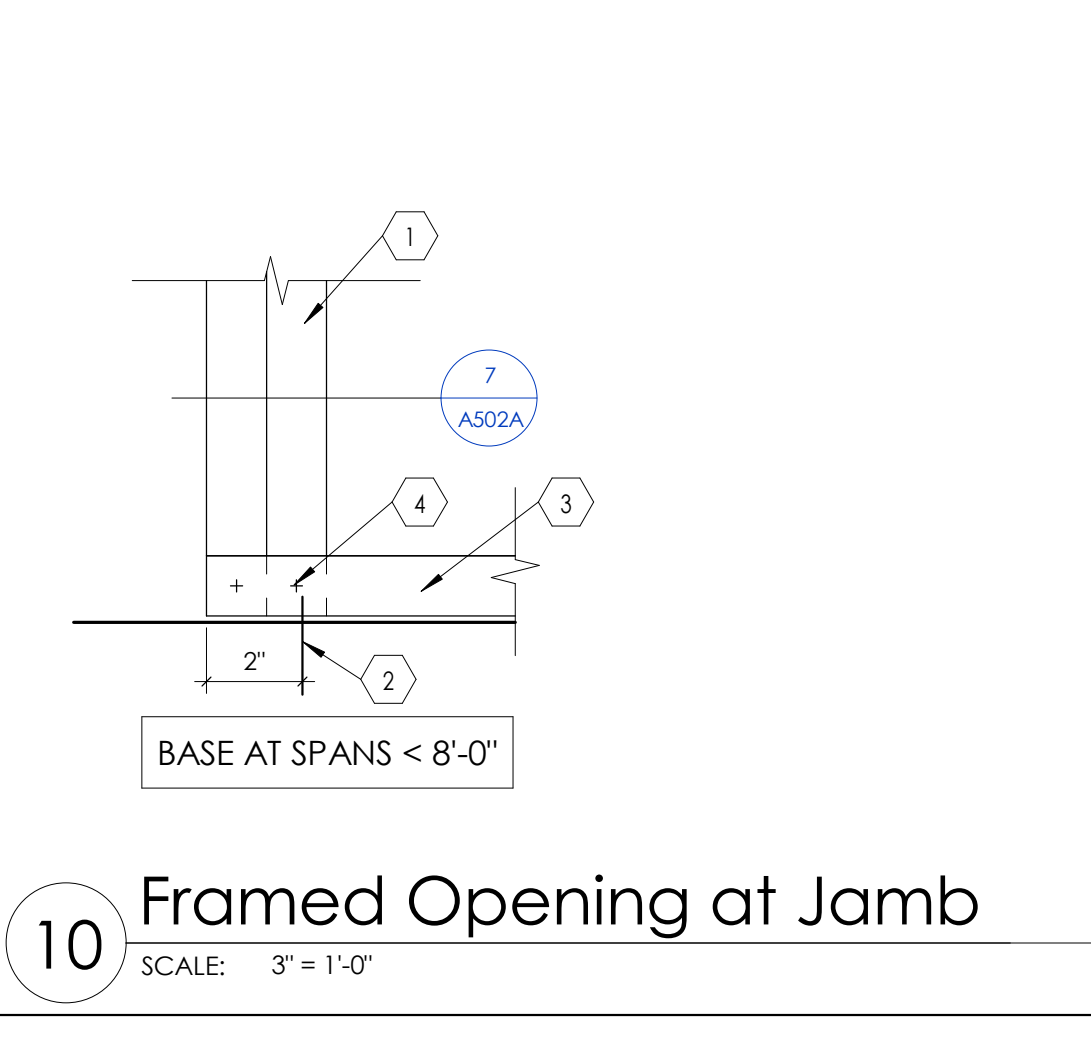
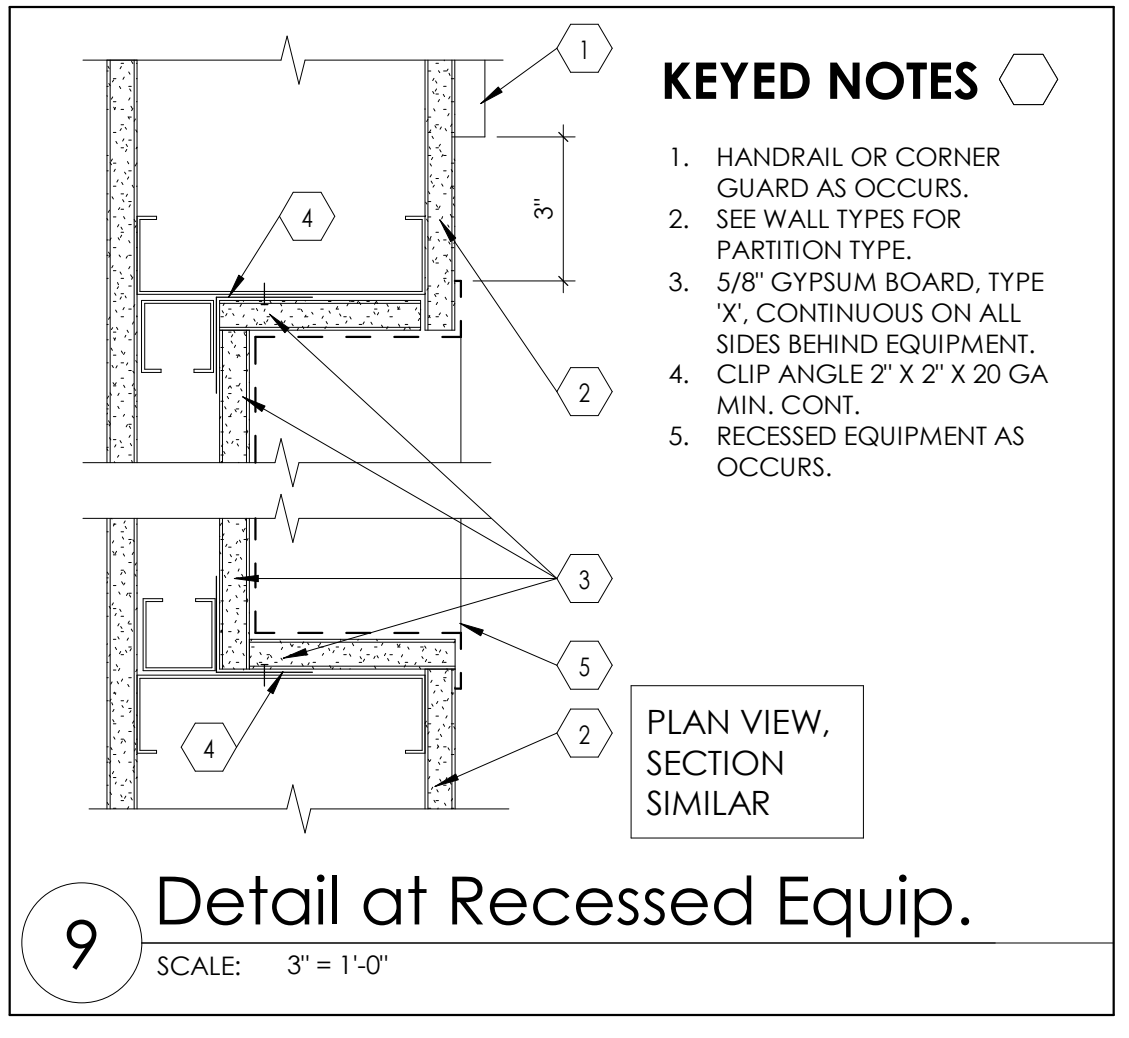
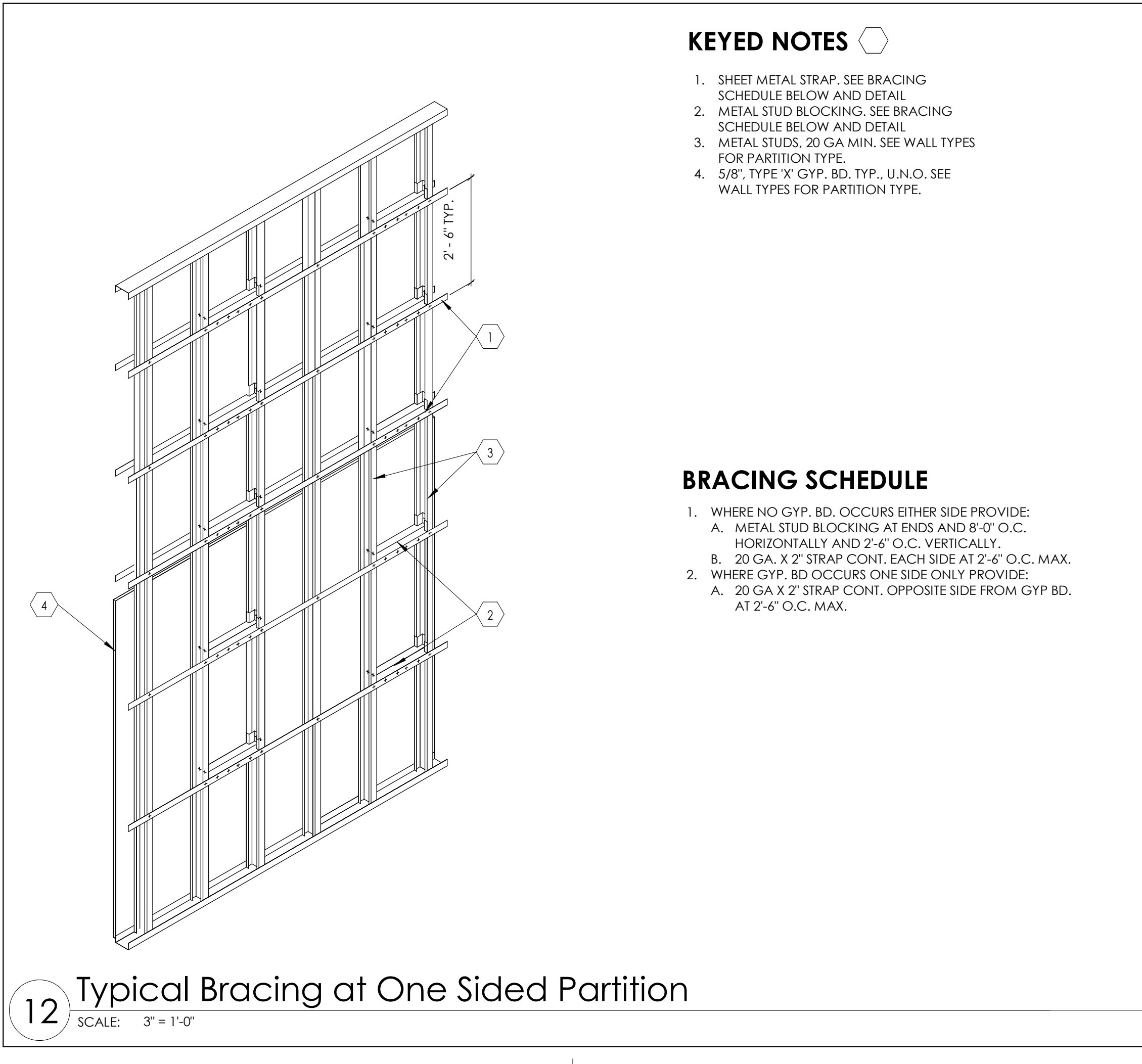
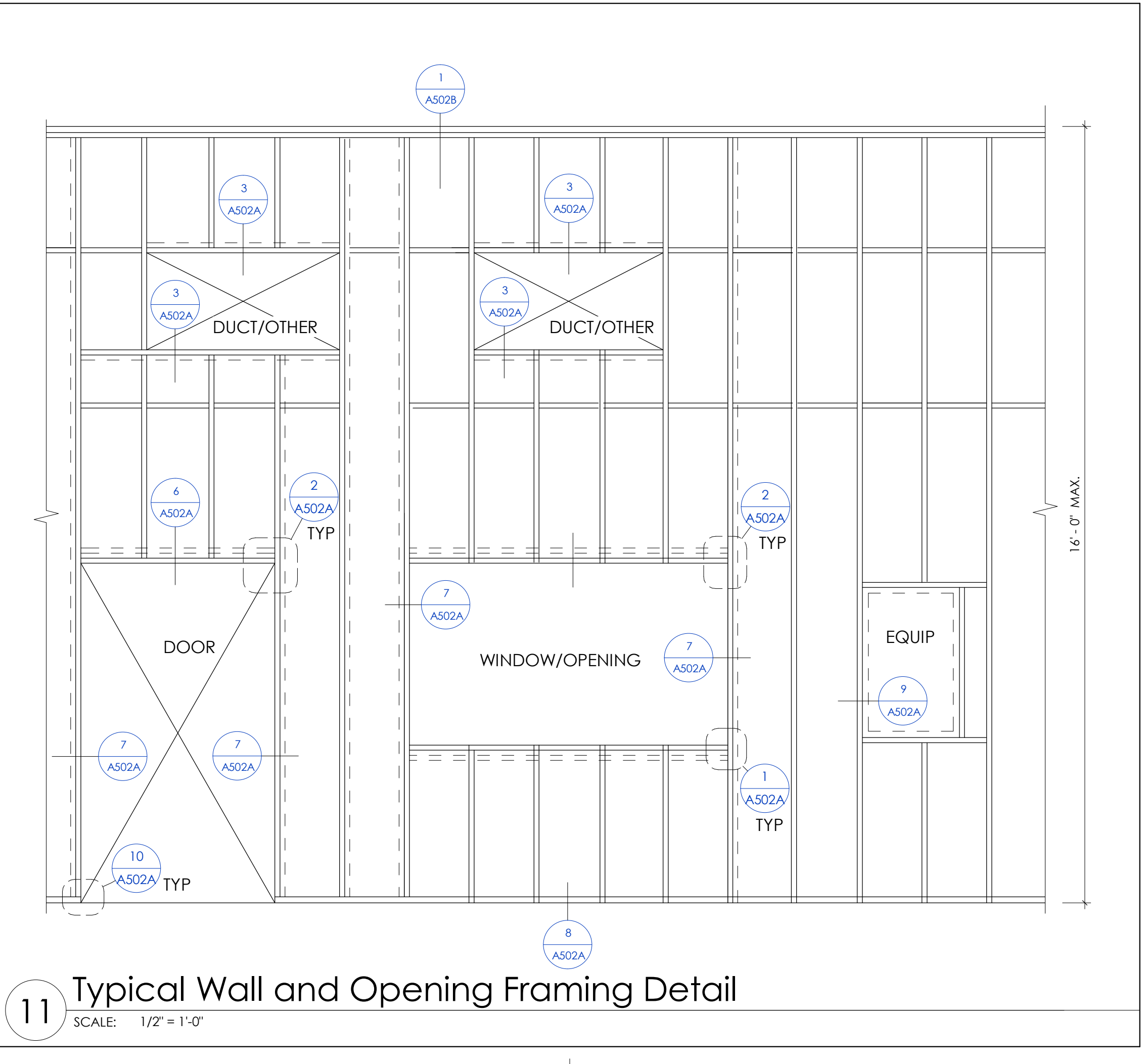
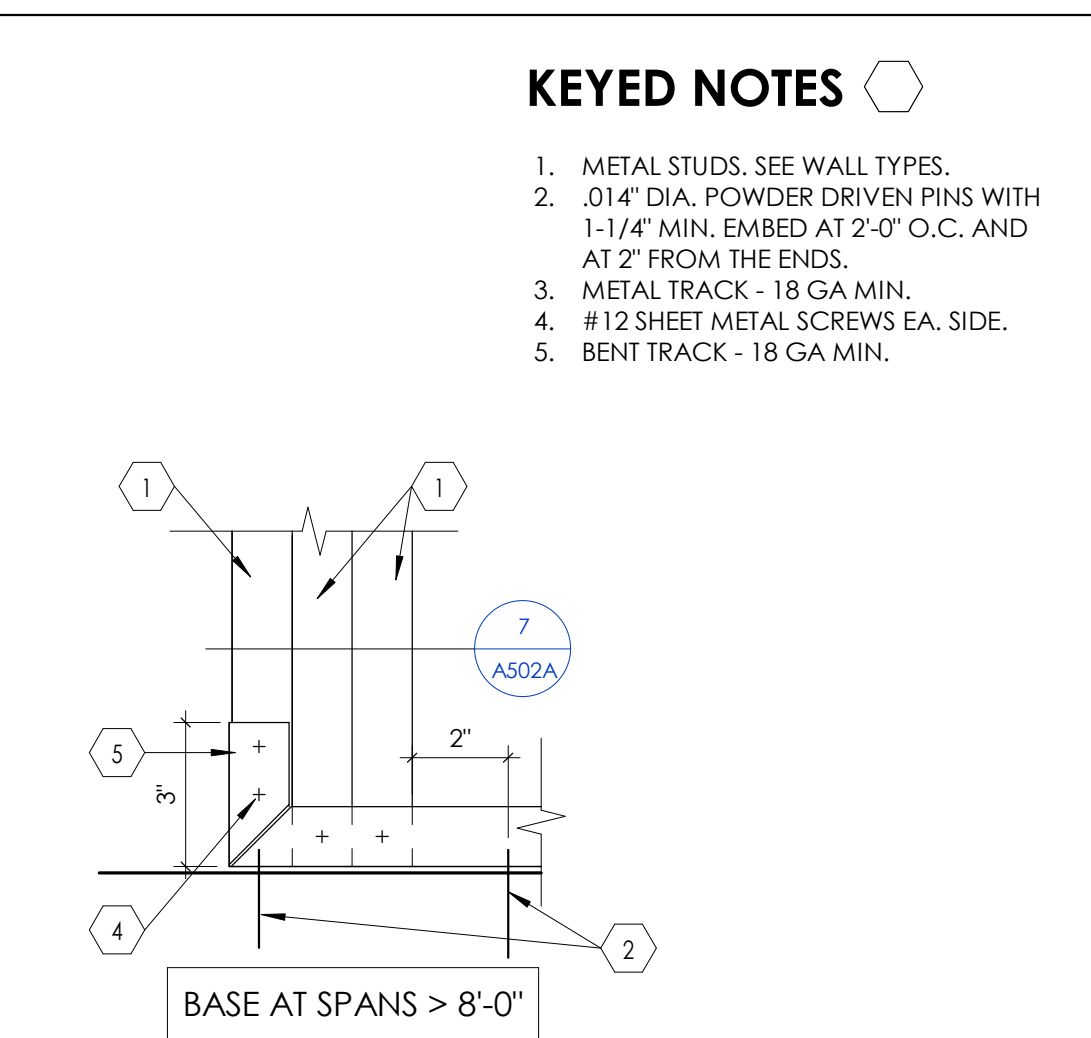
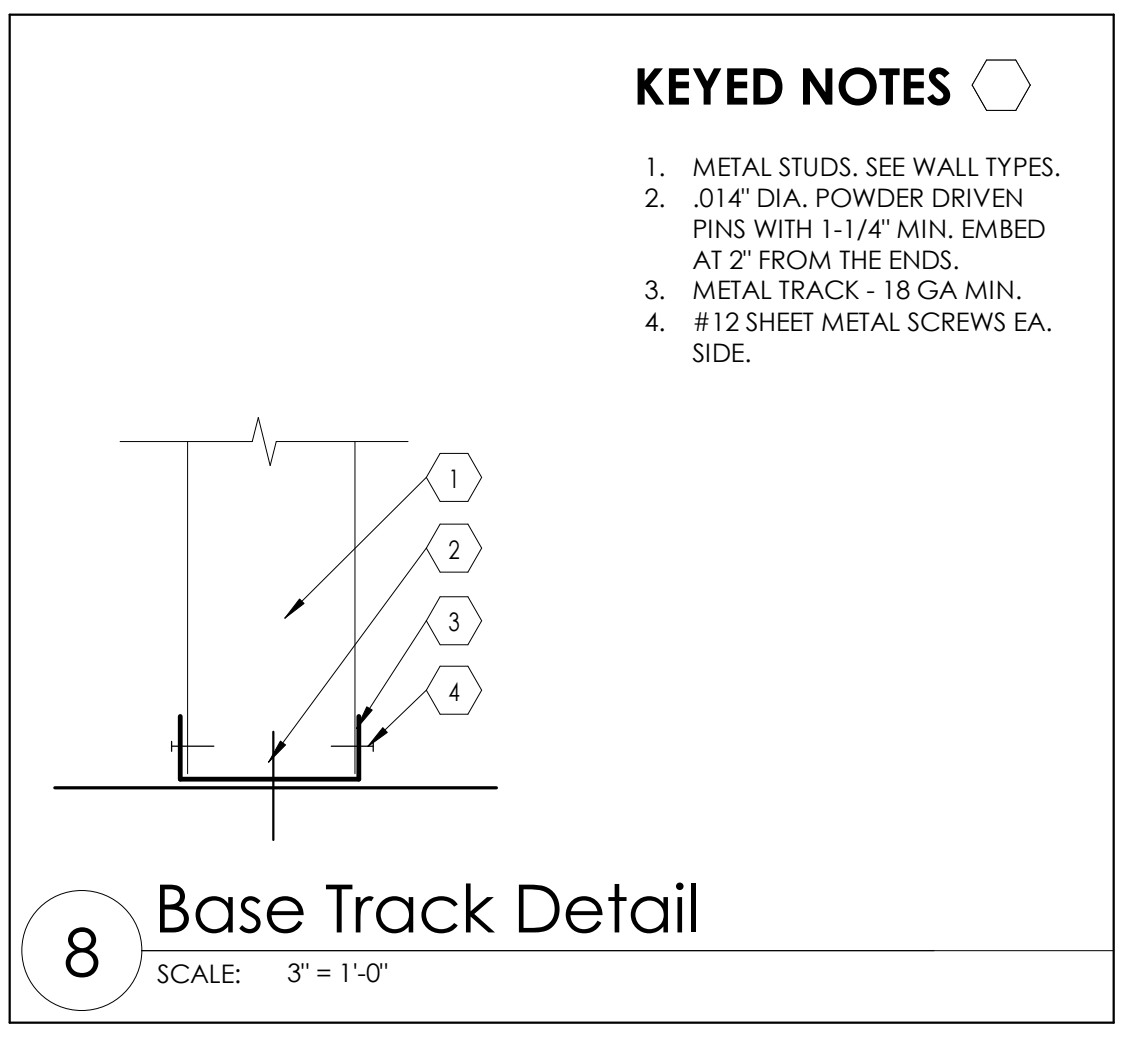
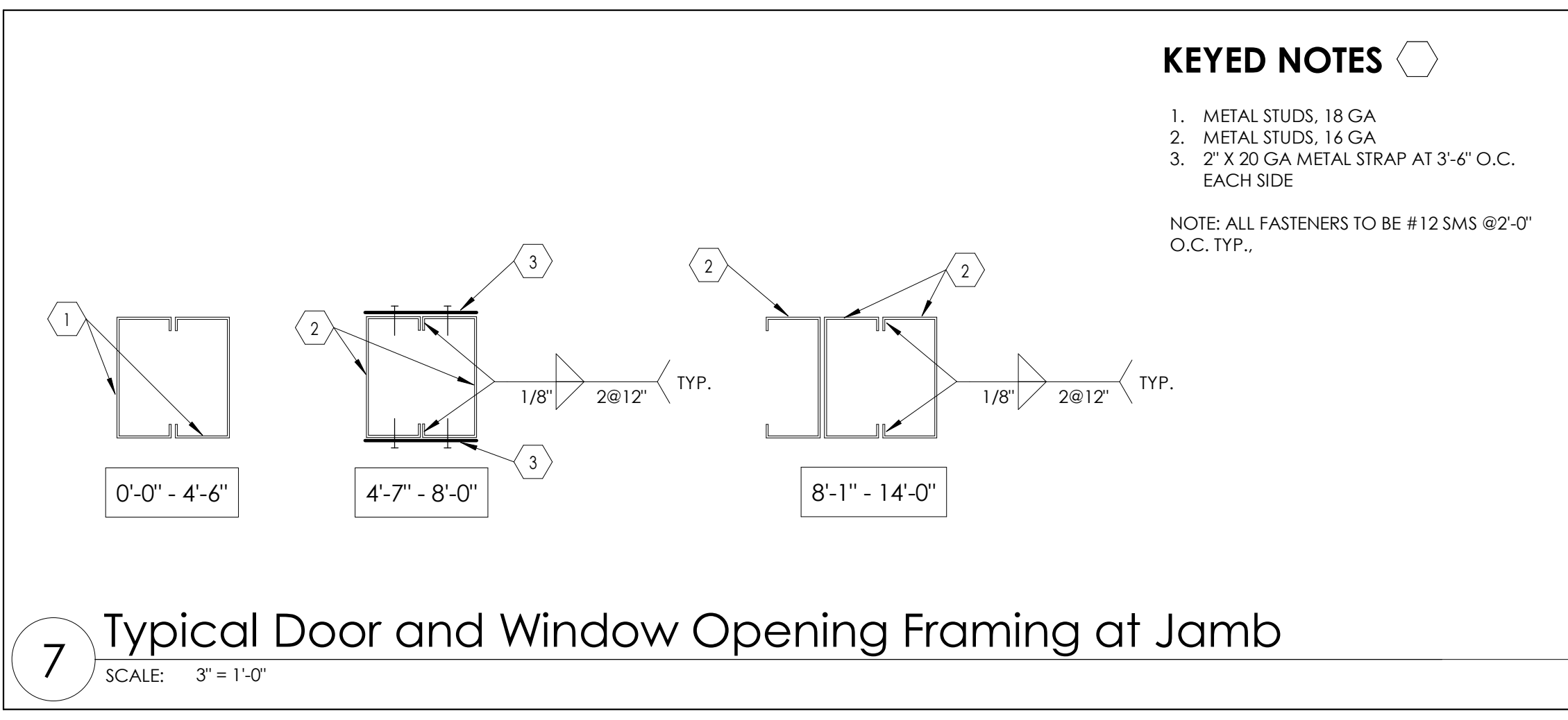
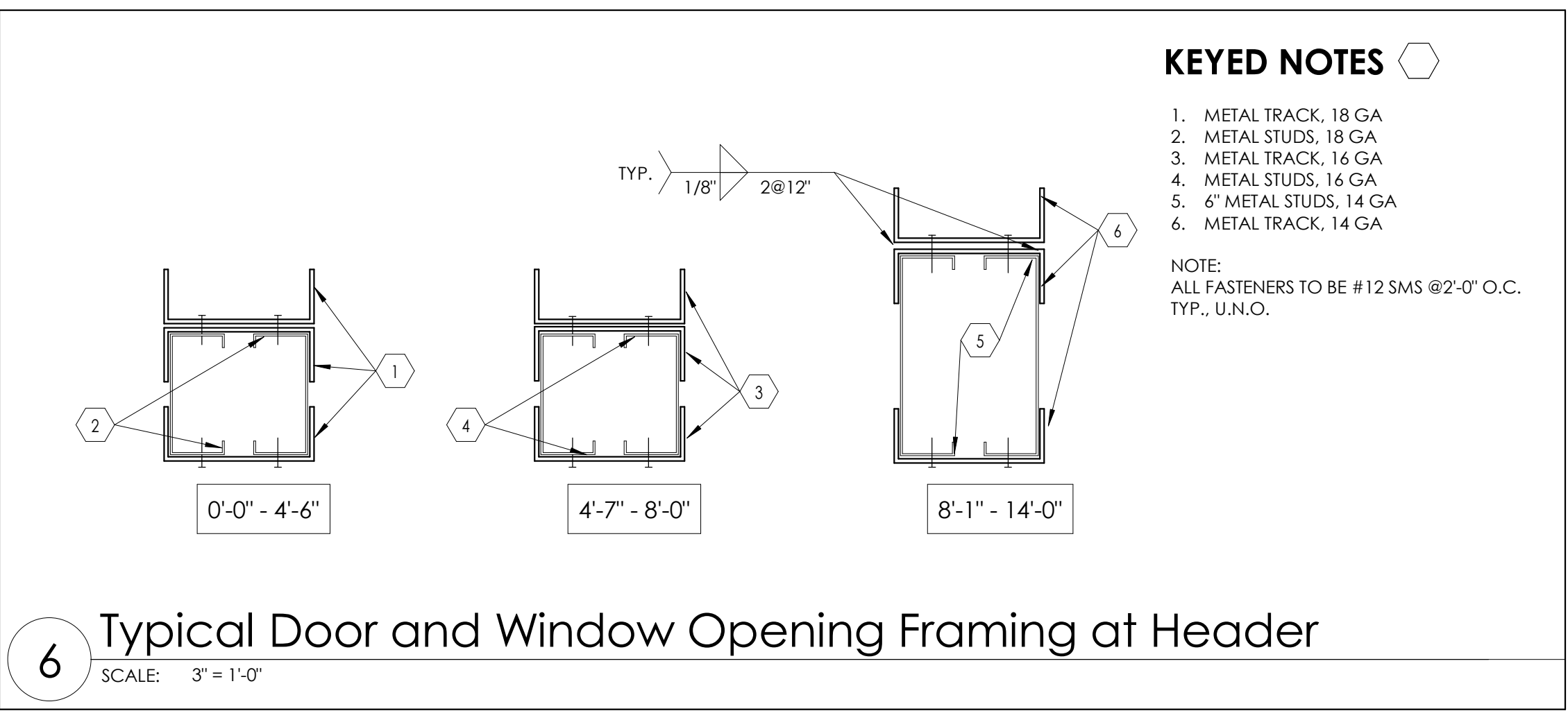
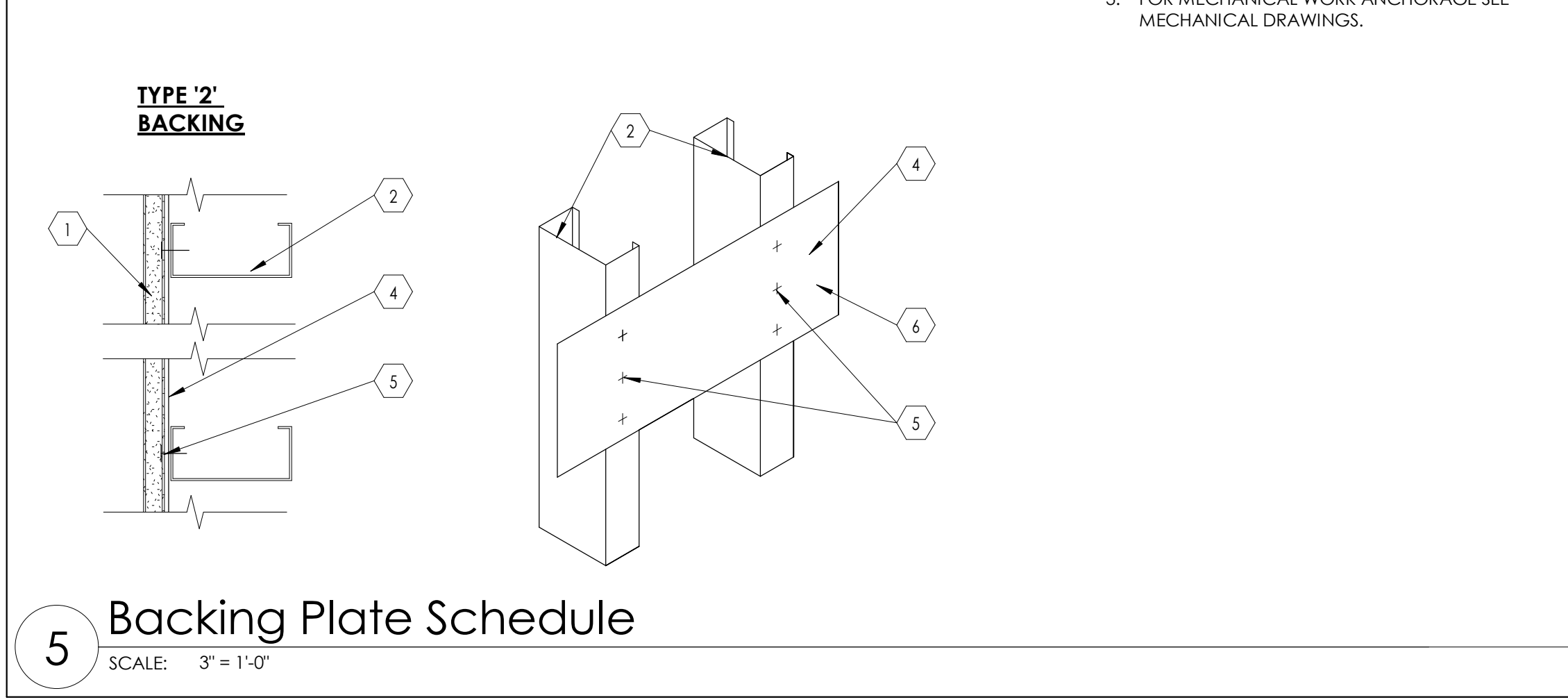
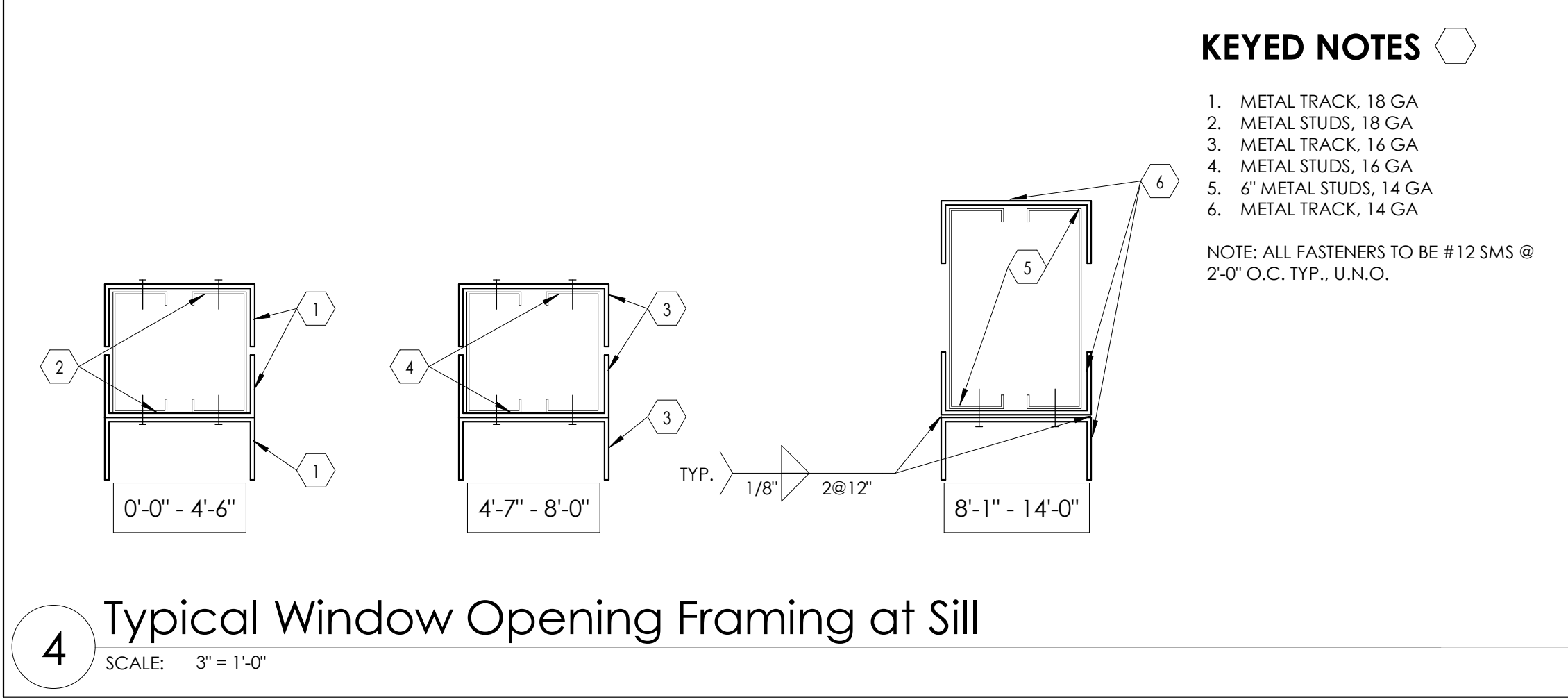
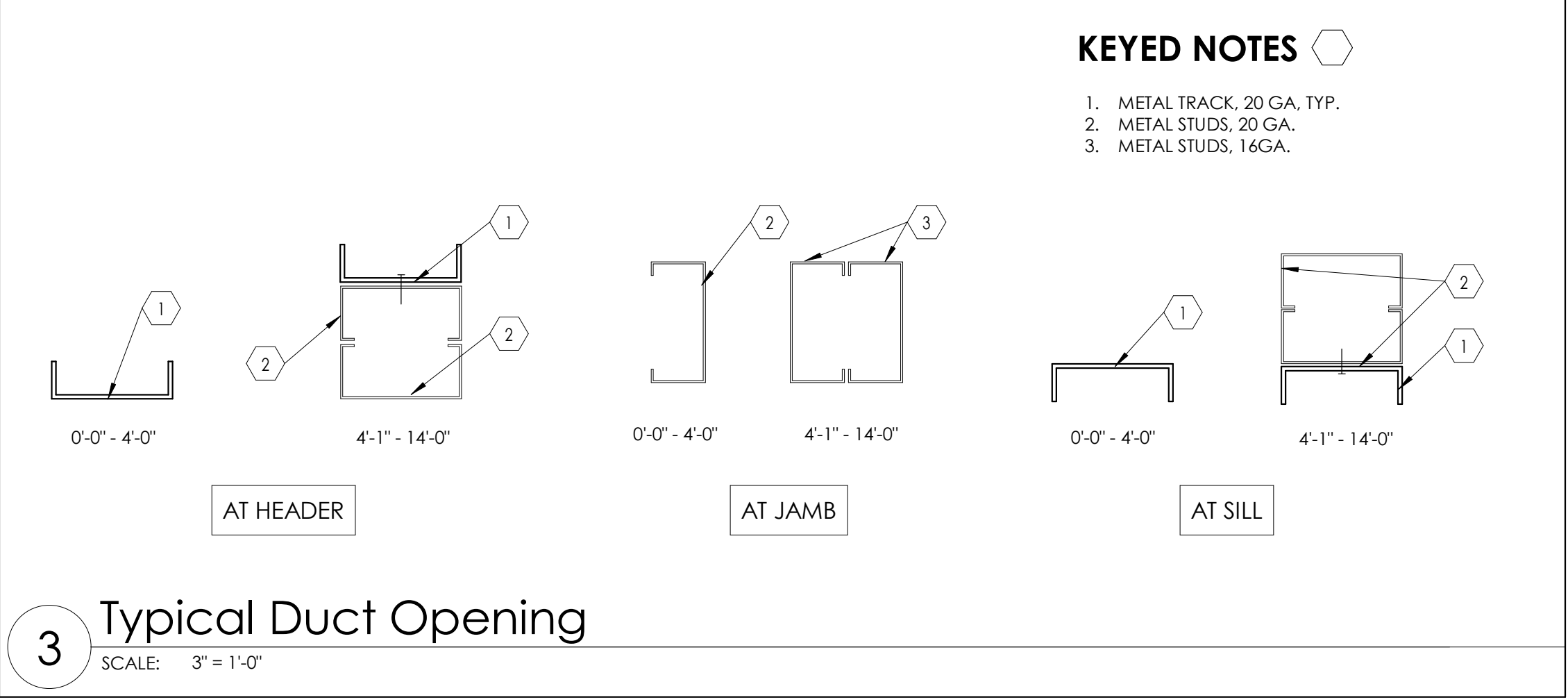
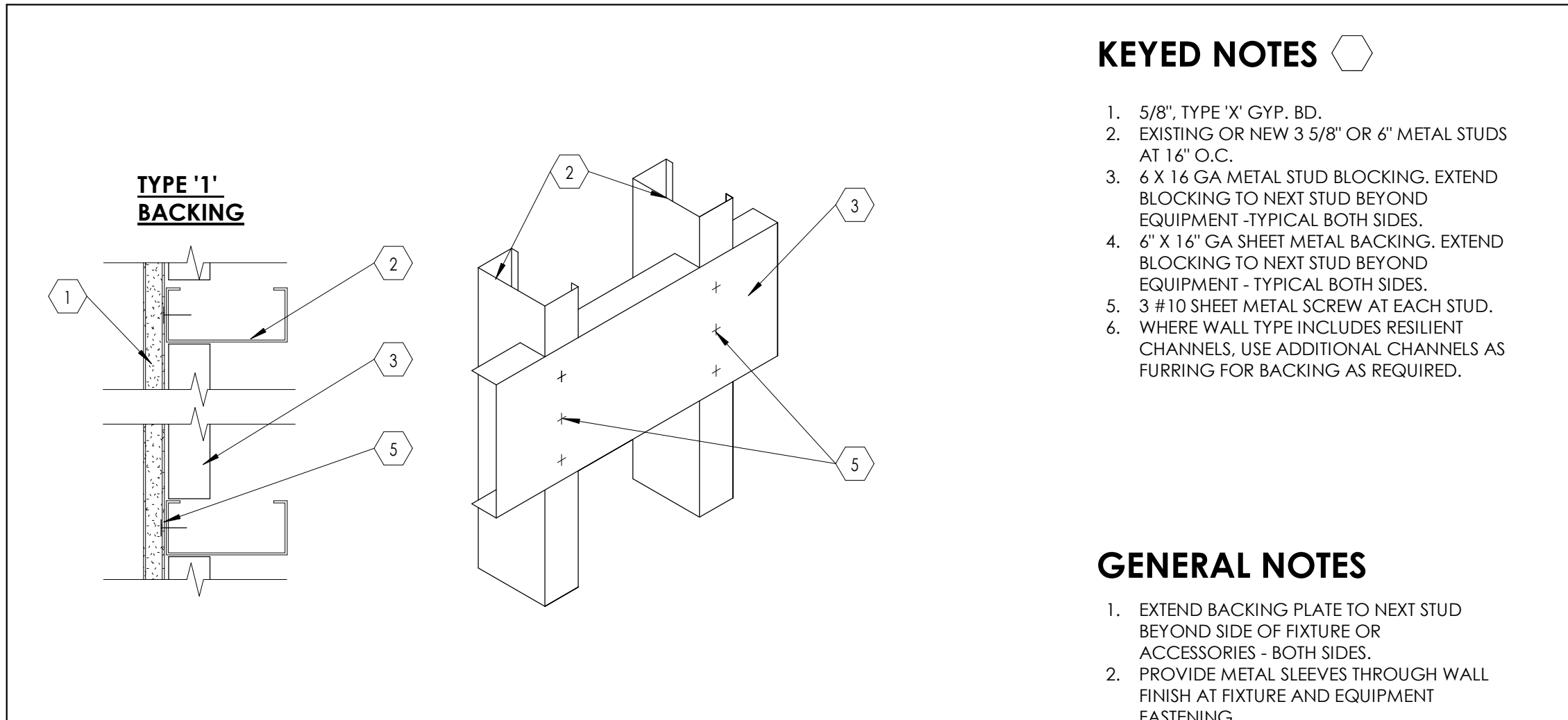
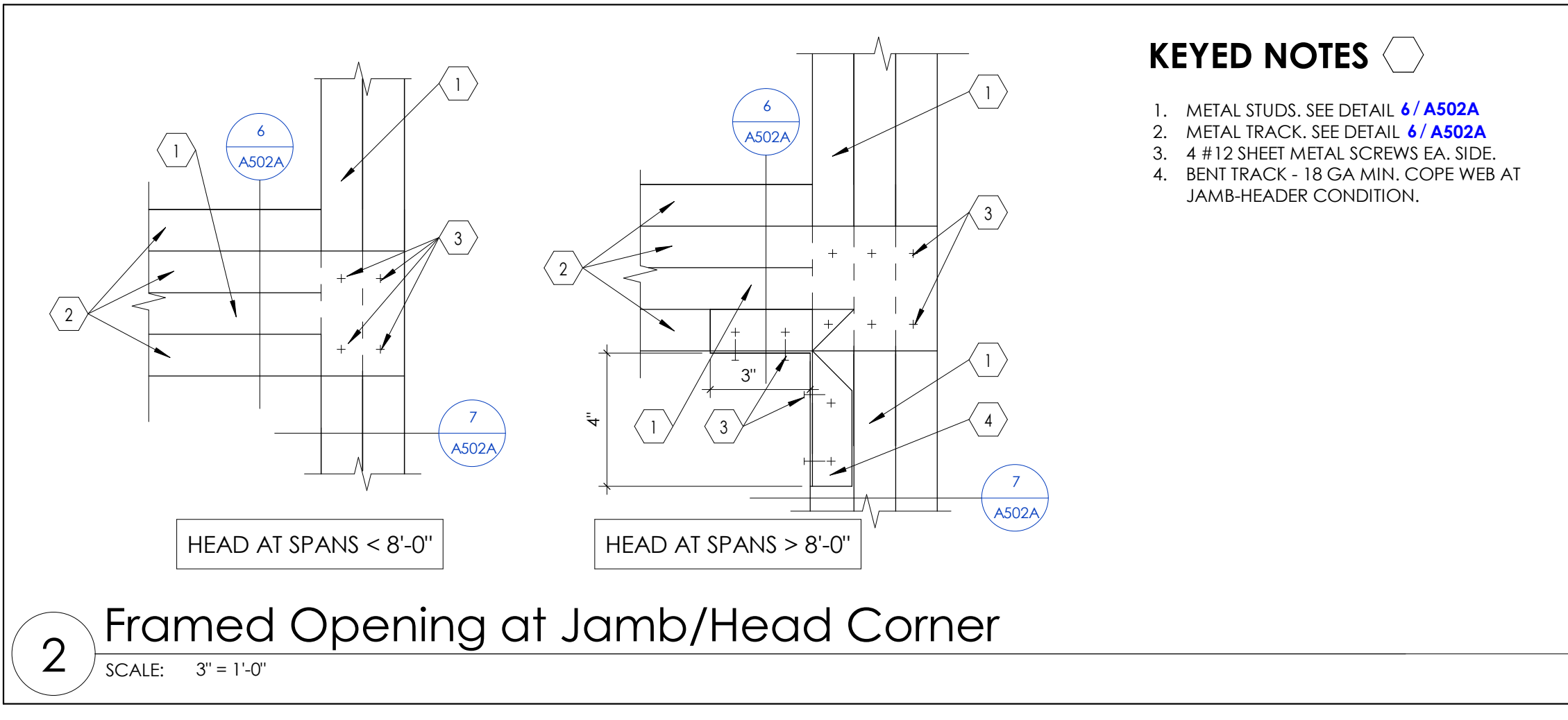
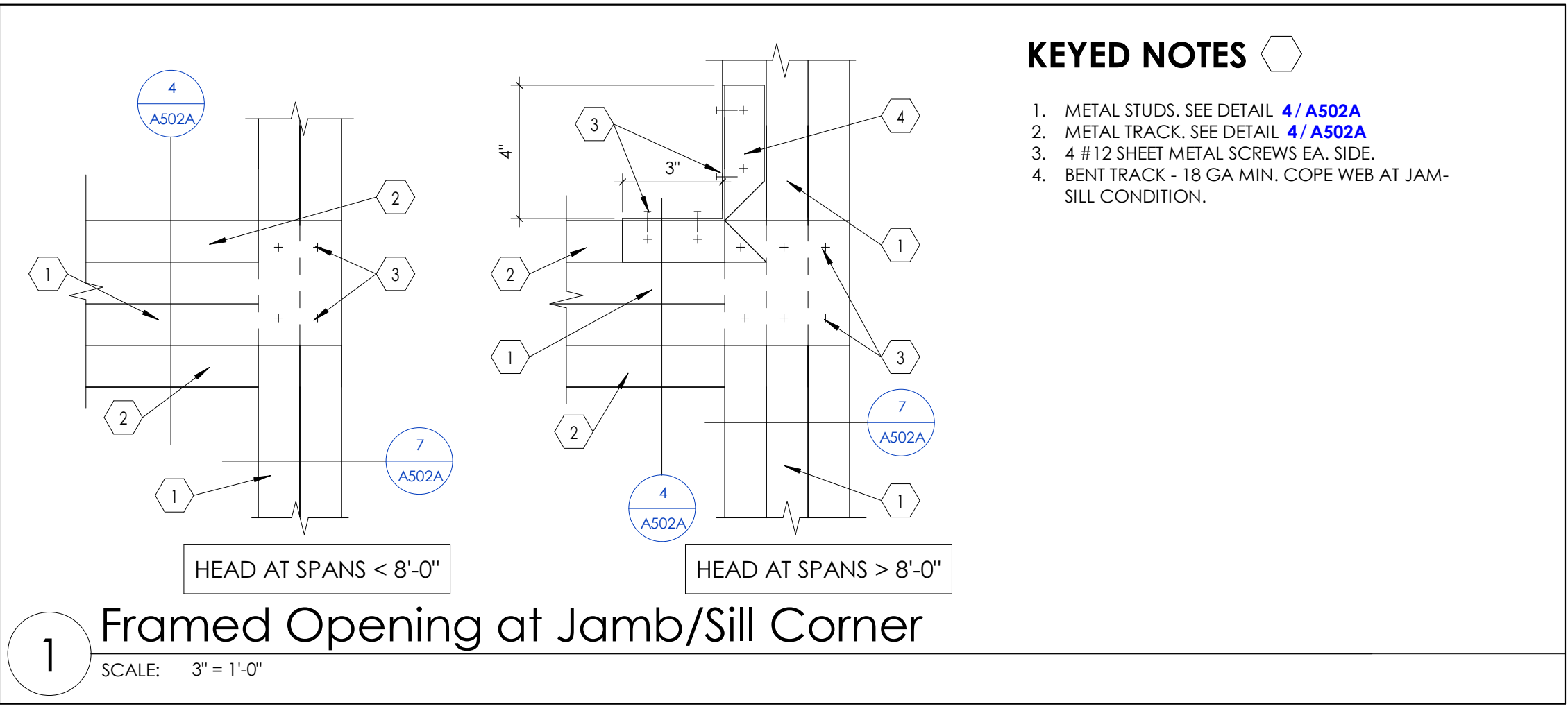
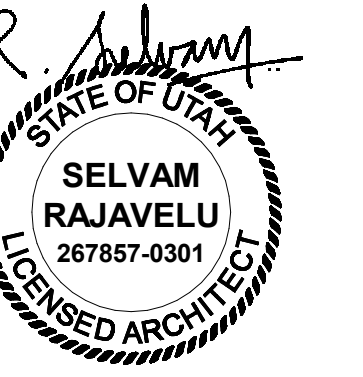
Wall Types

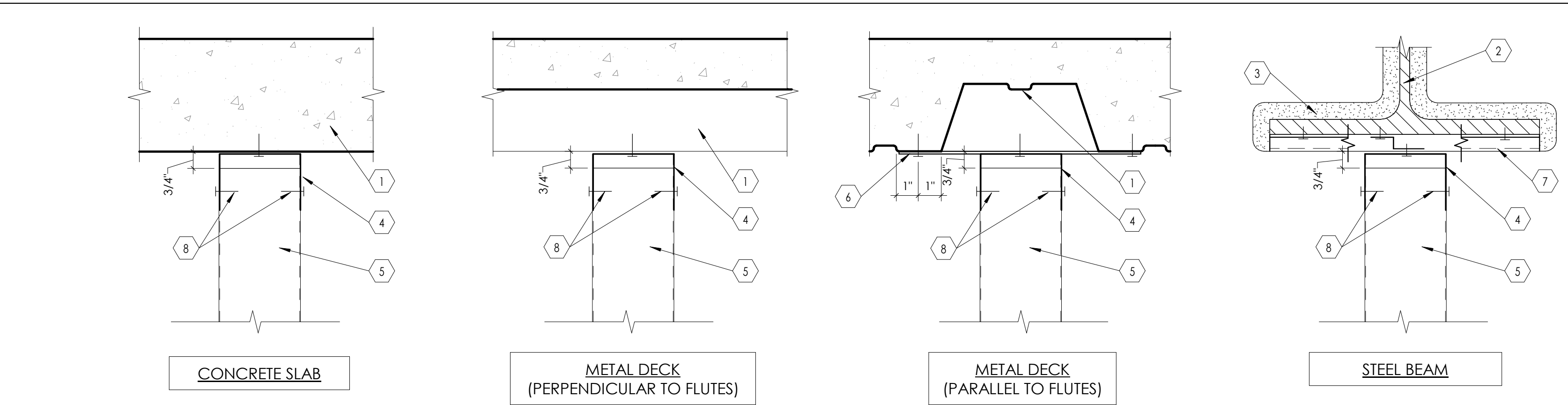
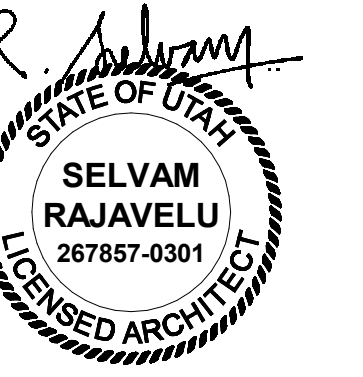
A501A

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1 Interior Wall Types
SCALE: 3" = 1'-0"

(Note: See dimension floor plans for locations of wall types used in this project. Some wall types shown above may not be used in this project.)

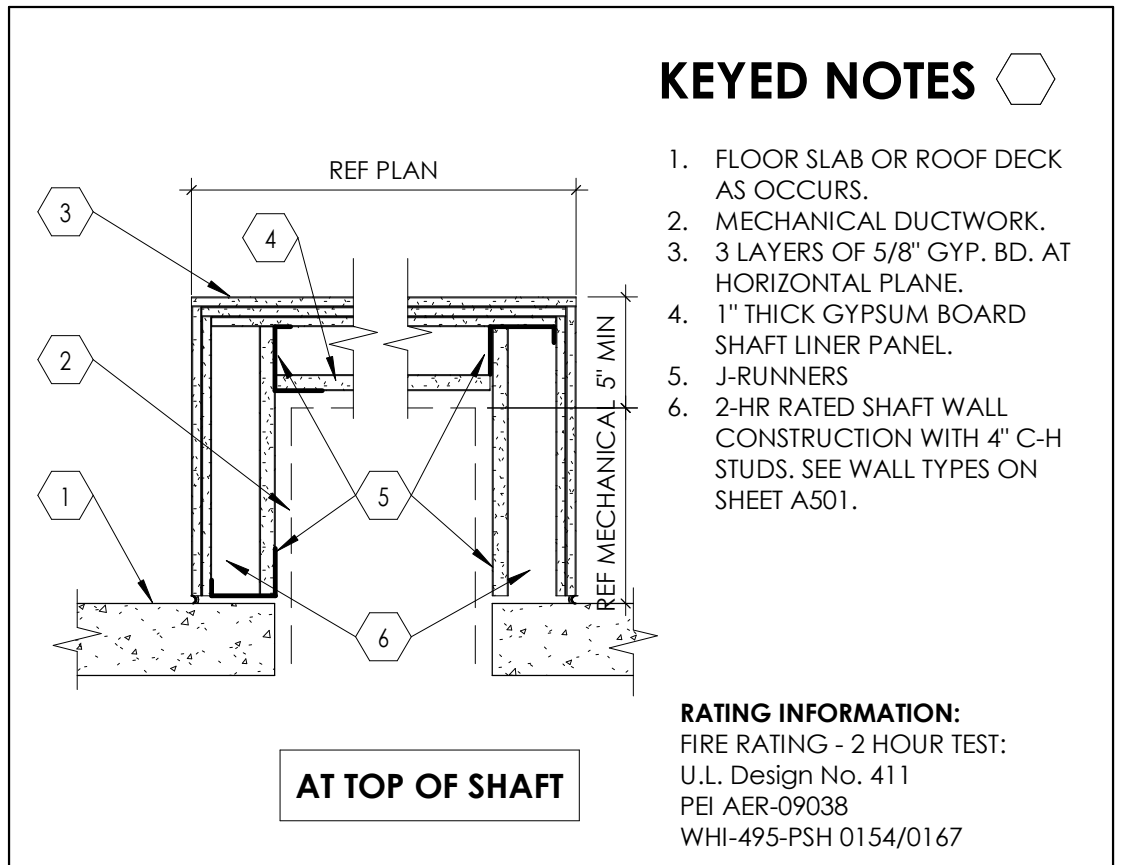




KEYED NOTES

- 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 A501 FOR ADDITIONAL INFORMATION.
- 2" x 18" GA STRIPS AT 16" O.C.
- 20 GA Z-BARS TO ACCOMMODATE SFRM THICKNESS.

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

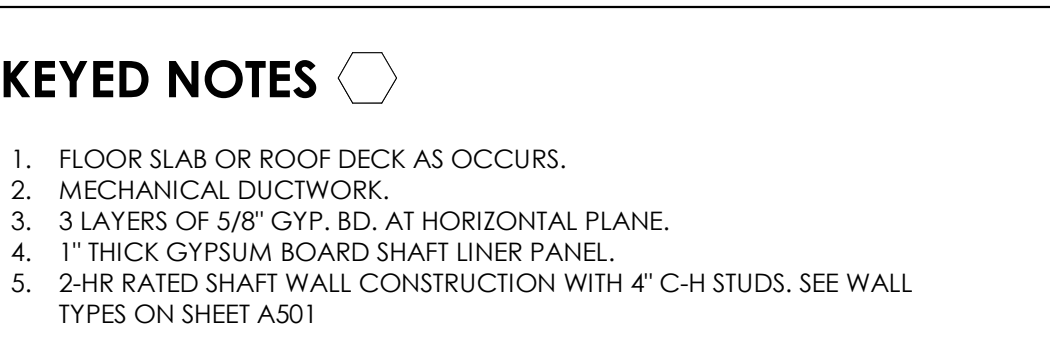


KEYED NOTES

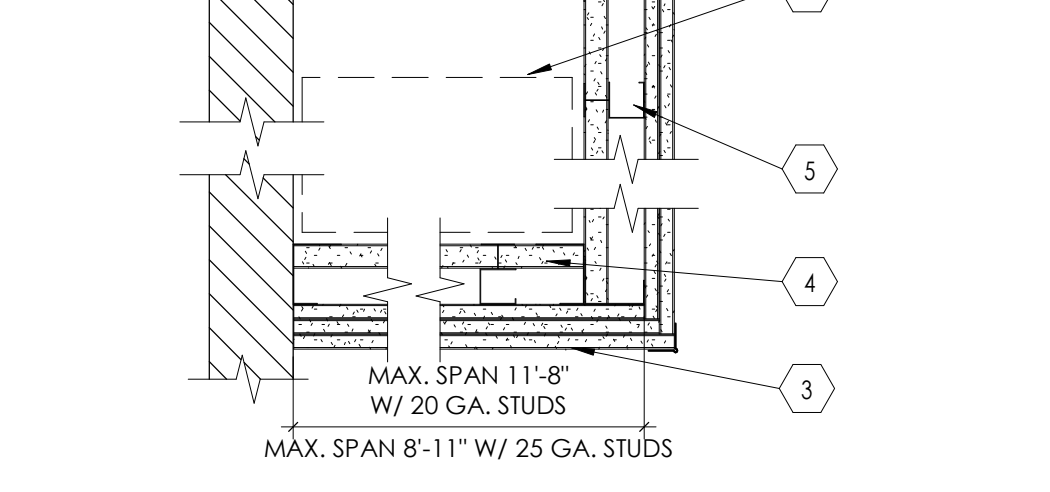
- FLOOR SLAB OR ROOF DECK AS OCCURS.
- MECHANICAL DUCTWORK.
- 3 LAYERS OF 5/8" GYP. BD. AT HORIZONTAL PLANE.
- 1" THICK GYPSUM BOARD SHAFT LINER PANEL.
- J-RUNNERS.
- 2-HR RATED SHAFT WALL CONSTRUCTION WITH 4" C-H STUDS. SEE WALL TYPES ON SHEET A501.

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"



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

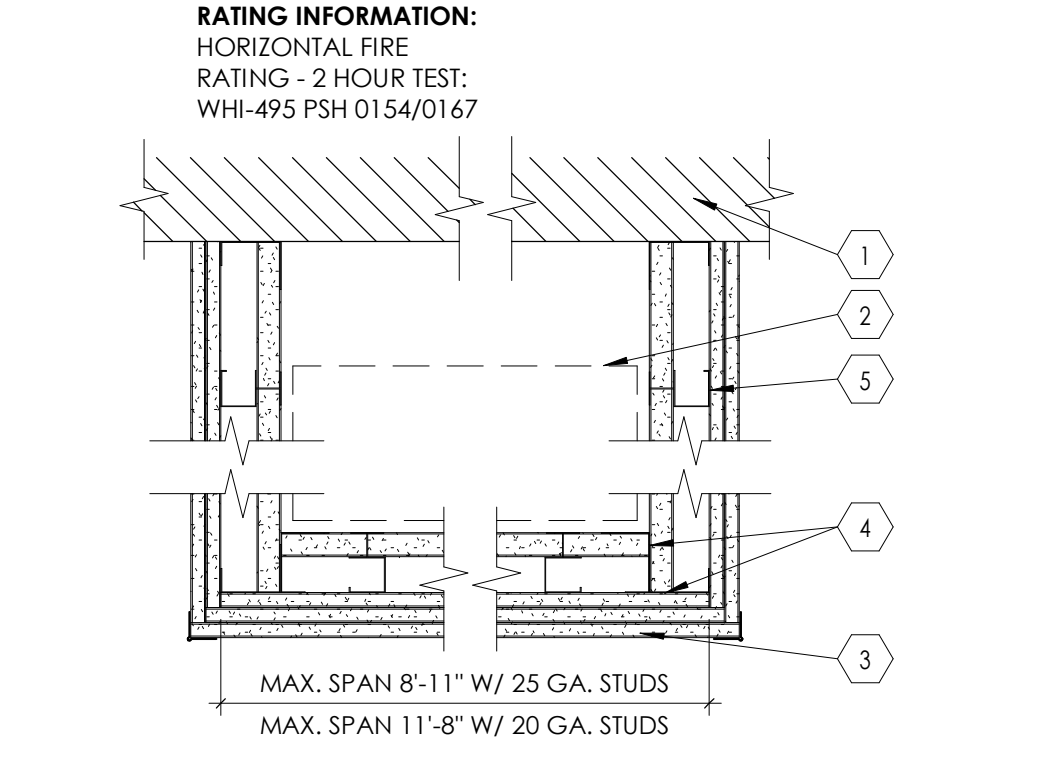


KEYED NOTES

- FLOOR SLAB AS OCCURS.
- STEEL BEAM AS OCCURS. SEE STRUCTURAL DRAWINGS.
- 3 LAYERS OF 5/8" GYP. BD. AT HORIZONTAL PLANE.
- 1" THICK GYPSUM BOARD SHAFT LINER PANEL.
- J-RUNNERS.
- 2-HR RATED SHAFT WALL CONSTRUCTION. SEE WALL TYPES ON SHEET A501.

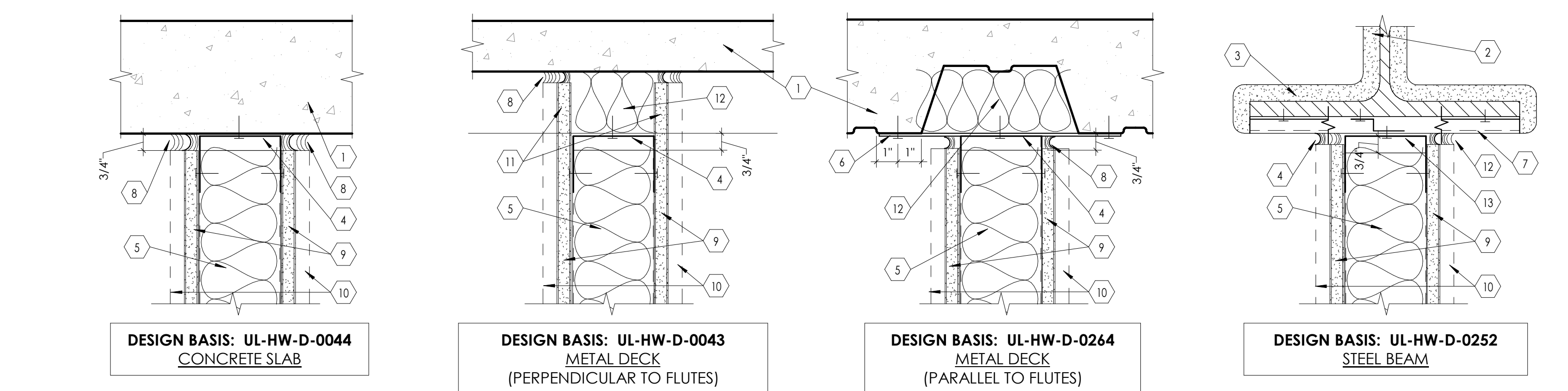
RATING INFORMATION:
FIRE RATING - 2 HOUR TEST:
PEI AER-09038
WHI-495-PSH 0154/0167

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



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

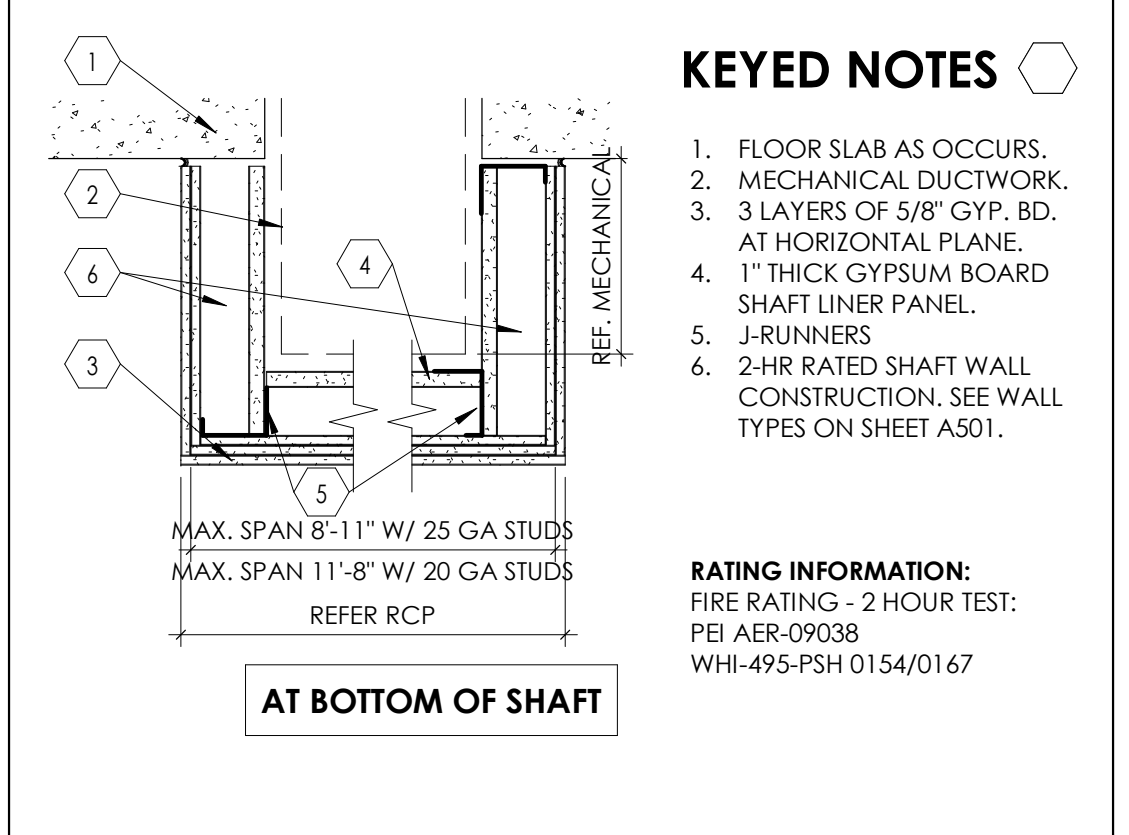
5 2-HR Horizontal Assembly
SCALE: 1 1/2" = 1'-0"



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 A501 FOR ADDITIONAL INFORMATION.
- 2" x 18" GA STRIPS AT 16" O.C.
- 20 GA Z-BARS TO ACCOMMODATE SFRM THICKNESS.
- ACOUSTIC SEALANT, CONTINUOUS.
- GYPSUM BOARD, 5/8" THICK. SEE WALL TYPES ON SHEET A501 FOR ADDITIONAL INFORMATION.
- ADDITIONAL LAYER OF GYP. BD. WHERE OCCURS.
- GYP. BD. 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"

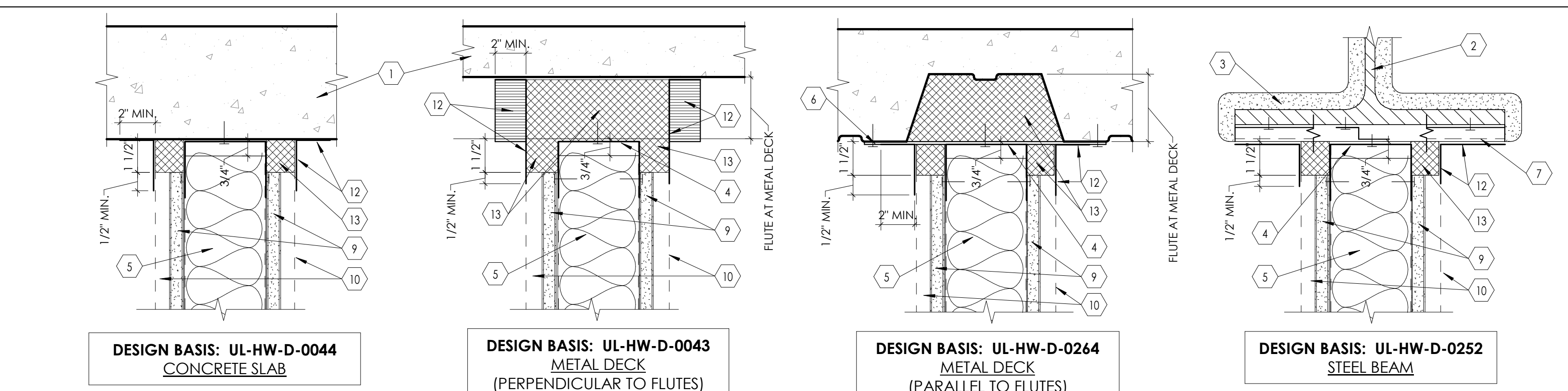


KEYED NOTES

- FLOOR SLAB AS OCCURS.
- STEEL BEAM AS OCCURS. SEE STRUCTURAL DRAWINGS.
- 3 LAYERS OF 5/8" GYP. BD. AT HORIZONTAL PLANE.
- 1" THICK GYPSUM BOARD SHAFT LINER PANEL.
- J-RUNNERS.
- 2-HR RATED SHAFT WALL CONSTRUCTION. SEE WALL TYPES ON SHEET A501.

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

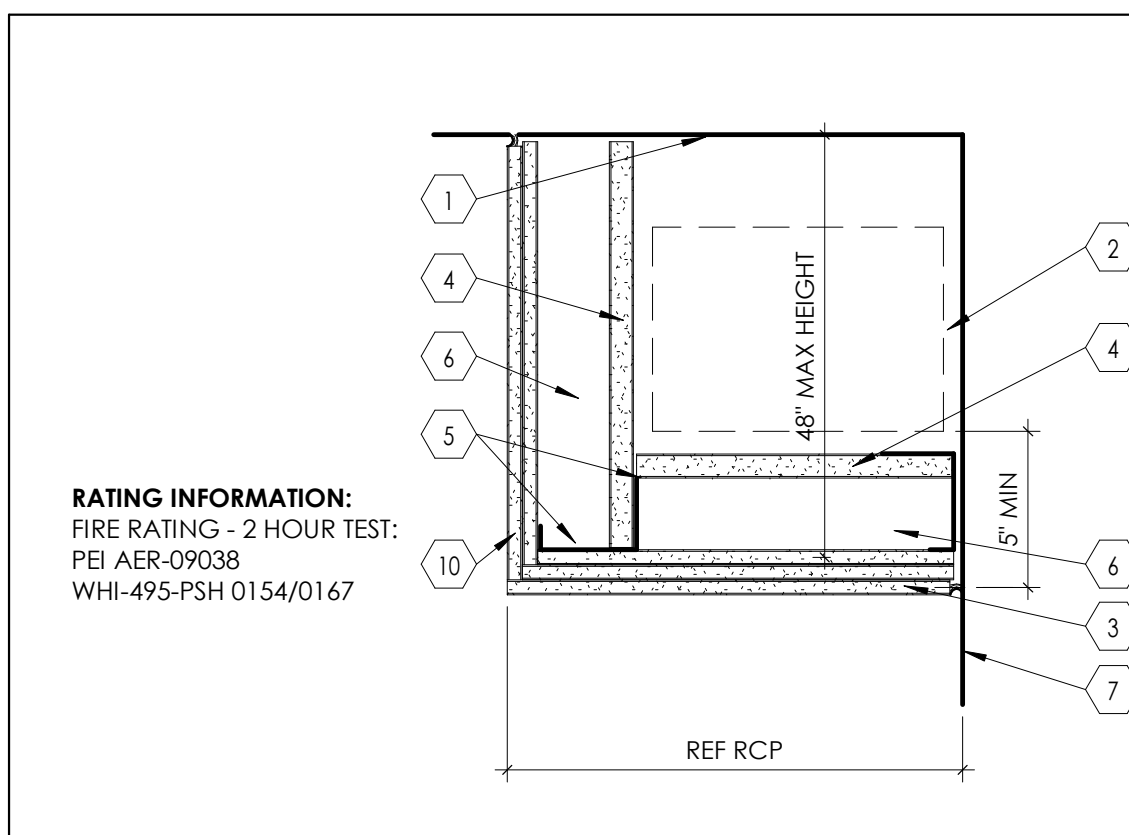
4 2-HR Enclosure at B.O. Shaft
SCALE: 1" = 1'-0"



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 A501 FOR ADDITIONAL INFORMATION.
- 2" x 18" GA STRIPS AT 16" O.C.
- 20 GA Z-BARS TO ACCOMMODATE SFRM THICKNESS.
- ACOUSTIC SEALANT, CONTINUOUS.
- GYPSUM BOARD, 5/8" THICK, TYPE 'X'.
- ADDITIONAL LAYER OF GYP. BD. AT 2-HR RATED WALLS.
- GYP. BD. CUT TO FOLLOW PROFILE OF DECKING AT SMOKE PARTITION BOTH AT SOUND WALLS.
- FIRE STOP JOINT SPRAY.
- 4 LB MINERAL WOOL. FRICTION FIT BETWEEN TOP TRACK AND FLUTE.

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

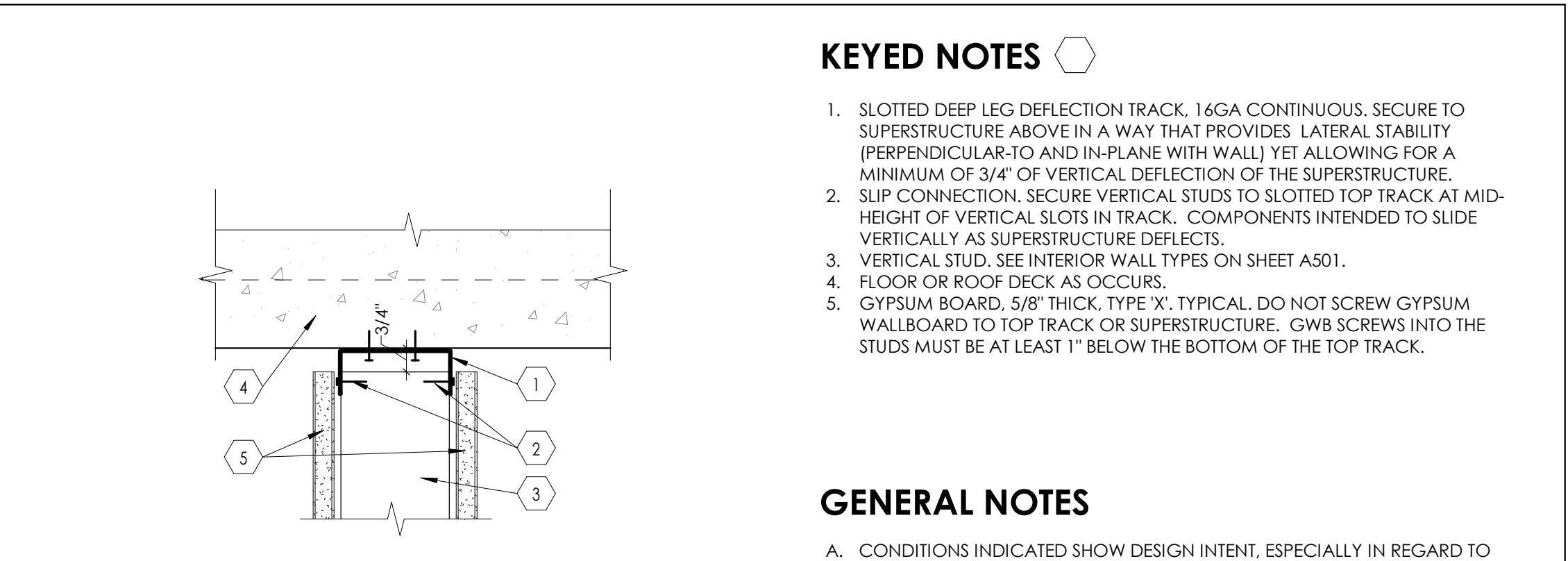


KEYED NOTES

- FLOOR SLAB OR ROOF DECK AS OCCURS.
- MECHANICAL DUCTWORK.
- 3 LAYERS OF 5/8" GYP. BD. AT HORIZONTAL PLANE.
- 1" THICK GYPSUM BOARD SHAFT LINER PANEL.
- J-RUNNERS.
- 2-HR RATED SHAFT WALL CONSTRUCTION WITH 4" C-H STUDS. SEE WALL TYPES ON SHEET A501.
- WALL BEYOND.
- METAL STUD FRAMING WITH 1 1/2" C-H STUDS.
- 2 LAYERS OF 5/8" GYPSUM BOARD.

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

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



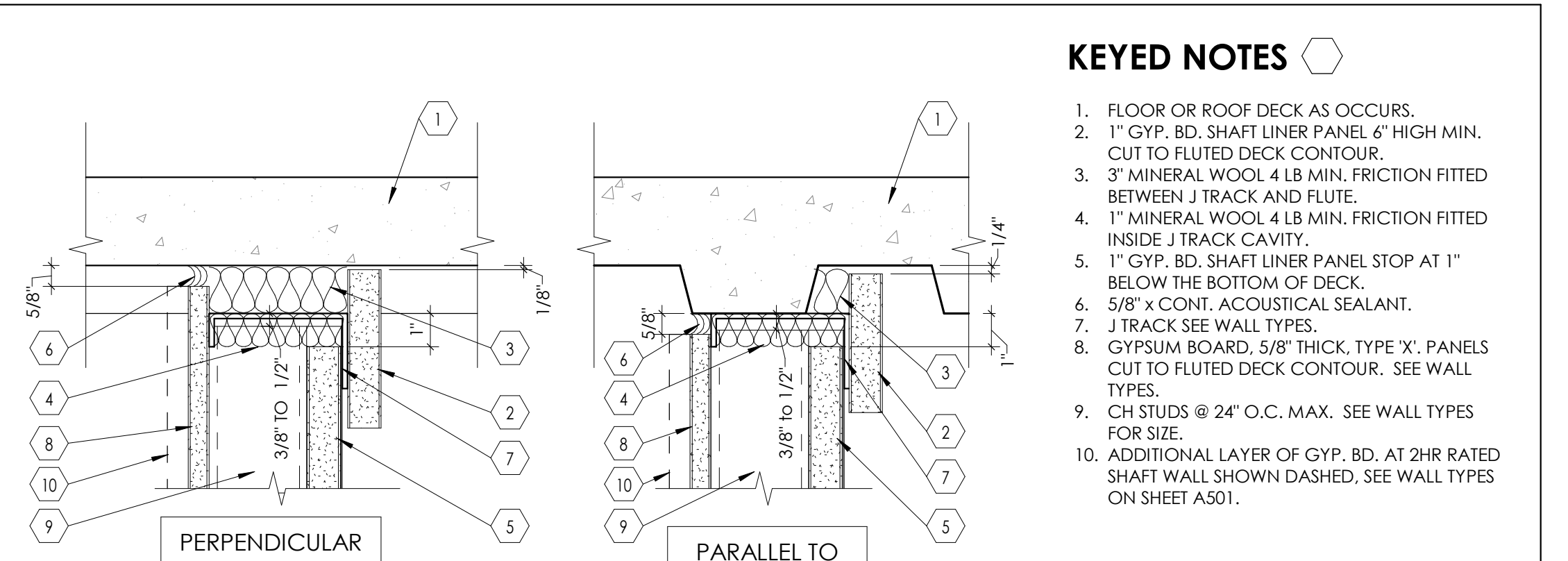
KEYED NOTES

- SLOTTED DEEP LEG DEFLECTION TRACK, 1/4GA 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 A501.
- FLOOR OR ROOF DECK AS OCCURS.
- GYPSUM BOARD, 5/8" THICK, TYPE 'X'. TYPICAL. DO NOT SCREW GYPSUM WALLBOARD TO TOP TRACK OR SUPERSTRUCTURE. GWS SCREWS INTO THE STUDS MUST BE AT LEAST 1" BELOW THE BOTTOM OF THE TOP TRACK.

GENERAL NOTES

- 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: END BY 2-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 UNDULATING SURFACES OF THE SUPERSTRUCTURE INCLUDING, BUT NOT LIMITED TO, FLUTES IN METAL DECKING. PROVIDE A CONTINUOUS BEAD OF SEALANT (AS SPECIFIED) TO SUPERSTRUCTURE.

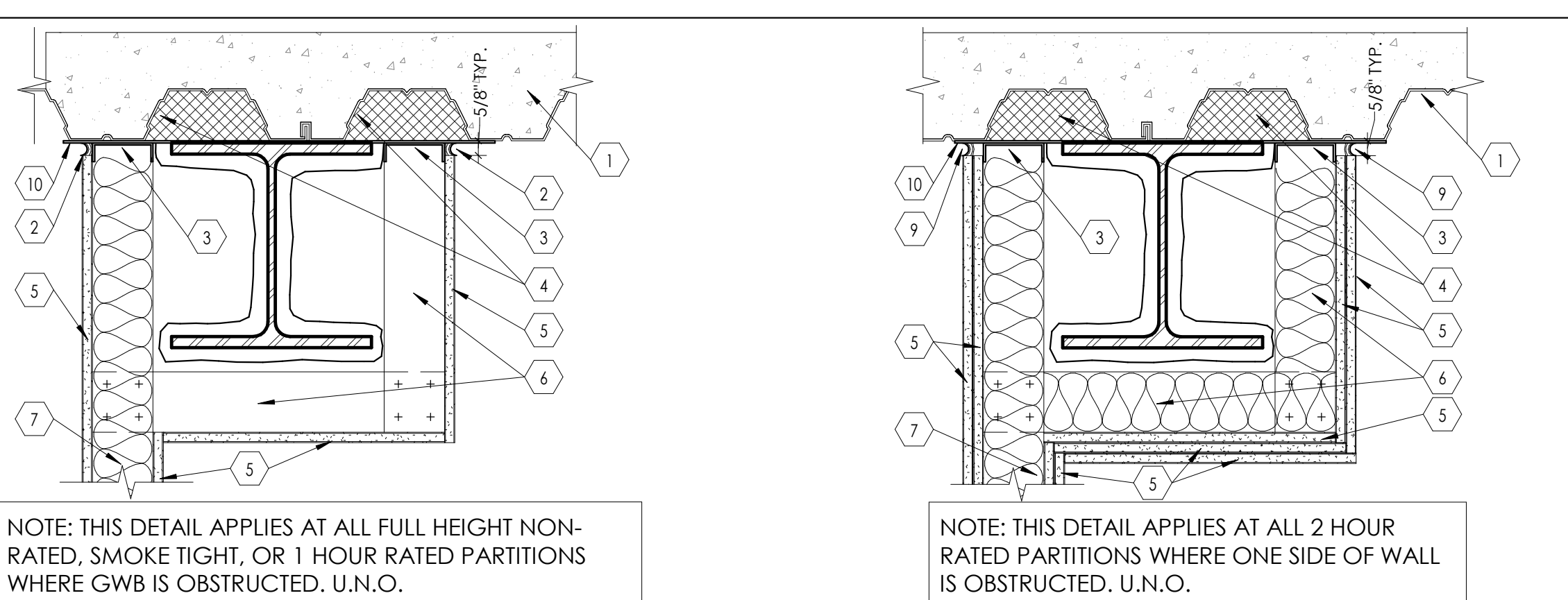
9 Slip Connection Detail
SCALE: 3" = 1'-0"



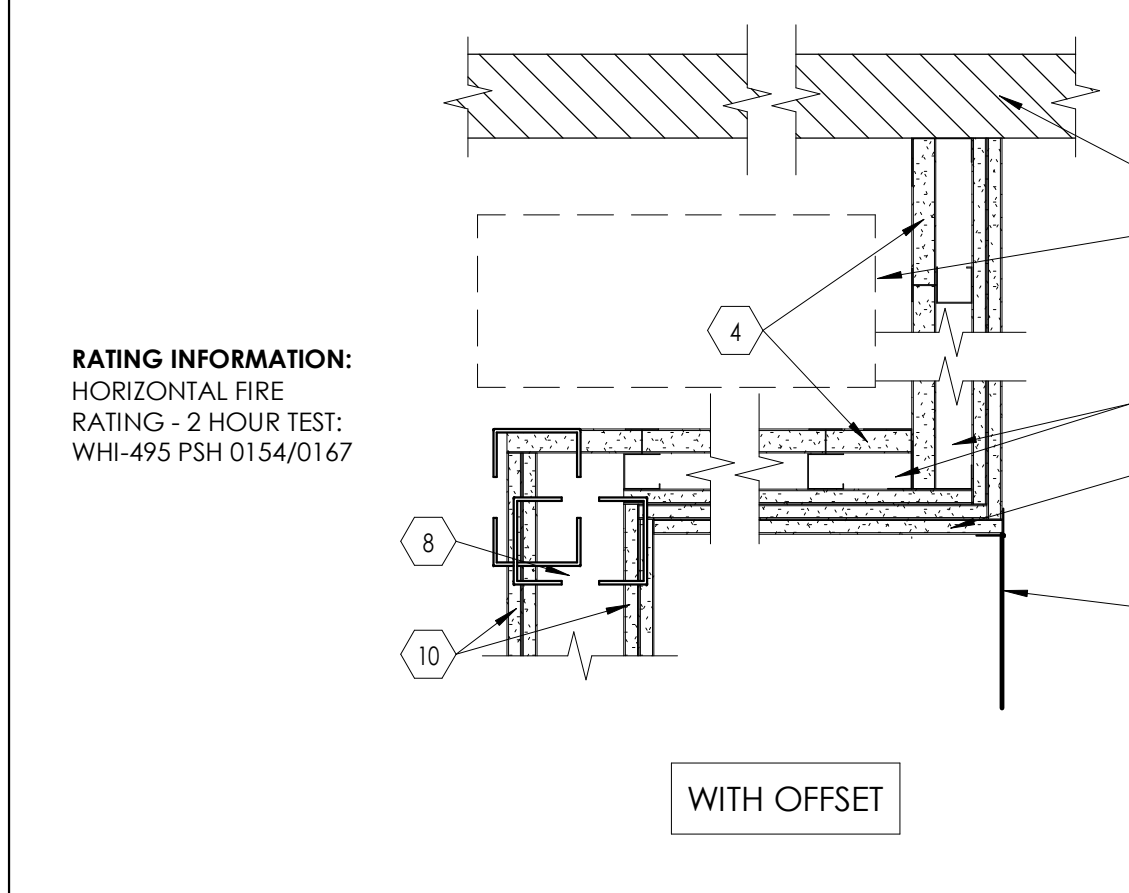
KEYED NOTES

- FLOOR OR ROOF DECK AS OCCURS.
- 1" GYP. BD. SHAFT LINER PANEL 6" HIGH MIN. CUT TO FLUTED DECK CONTOUR.
- 3" MINERAL WOOL 4 LB MIN. FRICTION FITTED BETWEEN J TRACK AND FLUTE.
- 1" MINERAL WOOL 4 LB MIN. FRICTION FITTED INSIDE J TRACK CAVITY.
- 1" GYP. BD. SHAFT LINER PANEL STOP AT 1" BELOW THE BOTTOM OF DECK.
- 5/8" x CONT. ACOUSTICAL SEALANT.
- J TRACK SEE WALL TYPES.
- GYPSUM 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 GYP. BD. AT 2HR RATED SHAFT WALL SHOWN DASHED. SEE WALL TYPES ON SHEET A501.

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



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

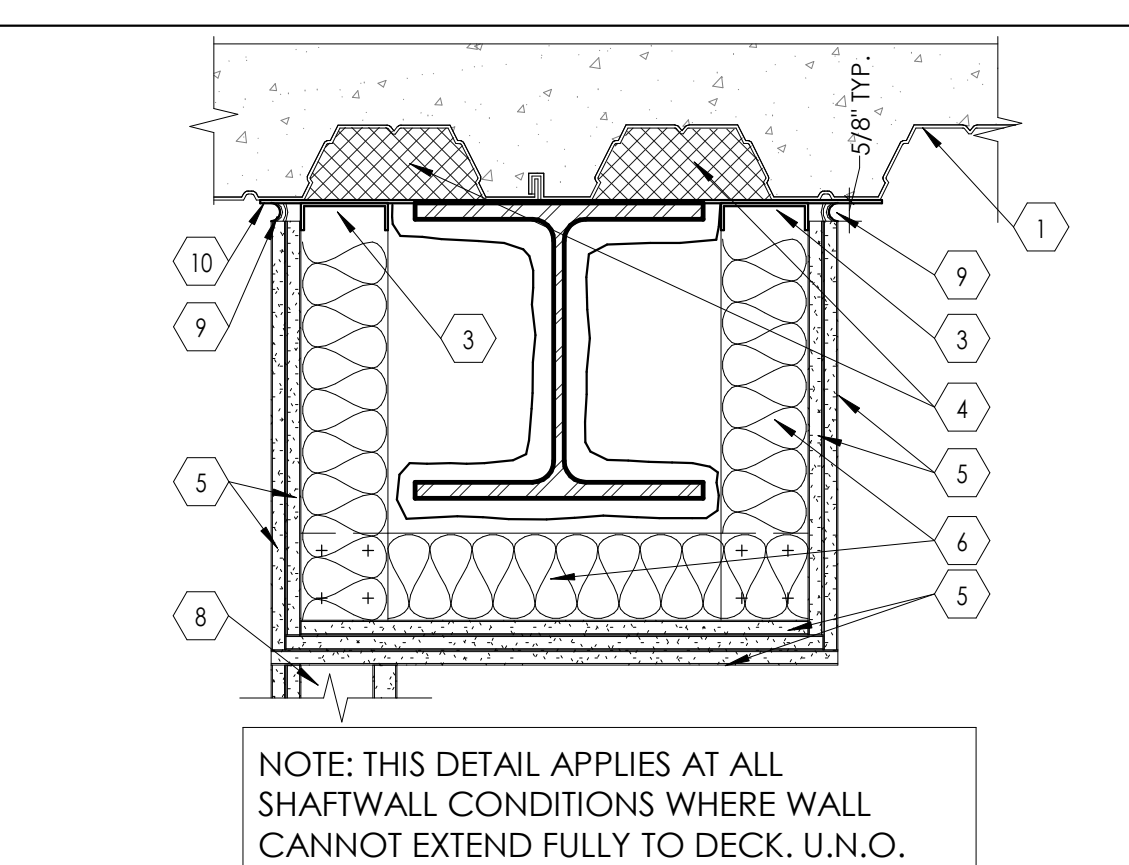


KEYED NOTES

- 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.
- GYPSUM 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.
- 2" x 18" GA STRIPS AT 16" O.C.

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

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

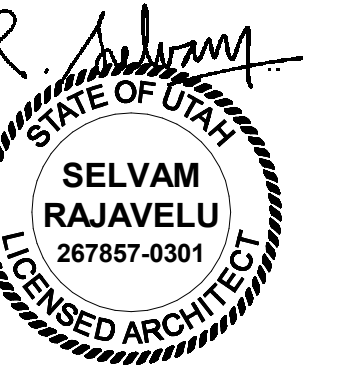


KEYED NOTES

- 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.
- GYPSUM 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.
- 2" x 18" GA STRIPS AT 16" O.C.

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

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



KEYED NOTES

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

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

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

KEYED NOTES

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

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

KEYED NOTES

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

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

KEYED NOTES

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

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

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

KEYED NOTES

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

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

KEYED NOTES

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

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

KEYED NOTES

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

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

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

KEYED NOTES

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

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

KEYED NOTES

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

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

KEYED NOTES

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

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

KEYED NOTES

1. STEEL BEAM AS OCCURS.
2. STEEL JOIST AS OCCURS.
3. MECHANICAL DUCTS. SEE MECHANICAL DRAWINGS
4. LINE OF WALL.
5. UNISTRUT P1000, 4" LONG SUSPENDED FROM STRUCTURE ABOVE
6. THREADED ROD, 5/8" THICK. PROVIDE NUTS, WASHERS, CLAMPS, ETC. AS REQUIRED FOR COMPLETE INSTALLATION.
7. UNISTRUT, P1000, CROSS BRACE TO STRUCTURE. PROVIDE NUTS WASHERS CLAMPS ETC. AS REQUIRED FOR COMPLETE INSTALLATION.
8. UNISTRUT, P1001 @ 2'-0" O.C. SUSPENDED FROM STRUCTURE ABOVE.
9. LIGHT FIXTURE SUSPENDED FROM UNISTRUT ONLY. DO NOT HANG FIXTURES FROM DUCTS.
10. CEILING SEE ROP FOR HEIGHT. SUSPEND CEILING GRID FROM UNISTRUT ONLY. CONTRACTOR SHALL NOT SUSPEND LIGHTS, GRIDS, ETC. FROM DUCTS.

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

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

KEYED NOTES

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

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

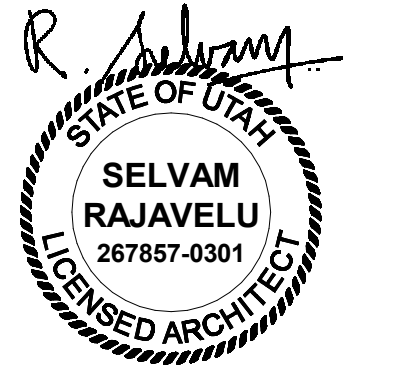
Intermountain Healthcare
Riverton Hospital
Pharmacy Remodel (USP 797)

3741 West 12600 South
Riverton, Utah 84065

NJRA Project # 19228.02
CONSTRUCTION DOCUMENTS
Sep. 16, 2019

Ceiling Details

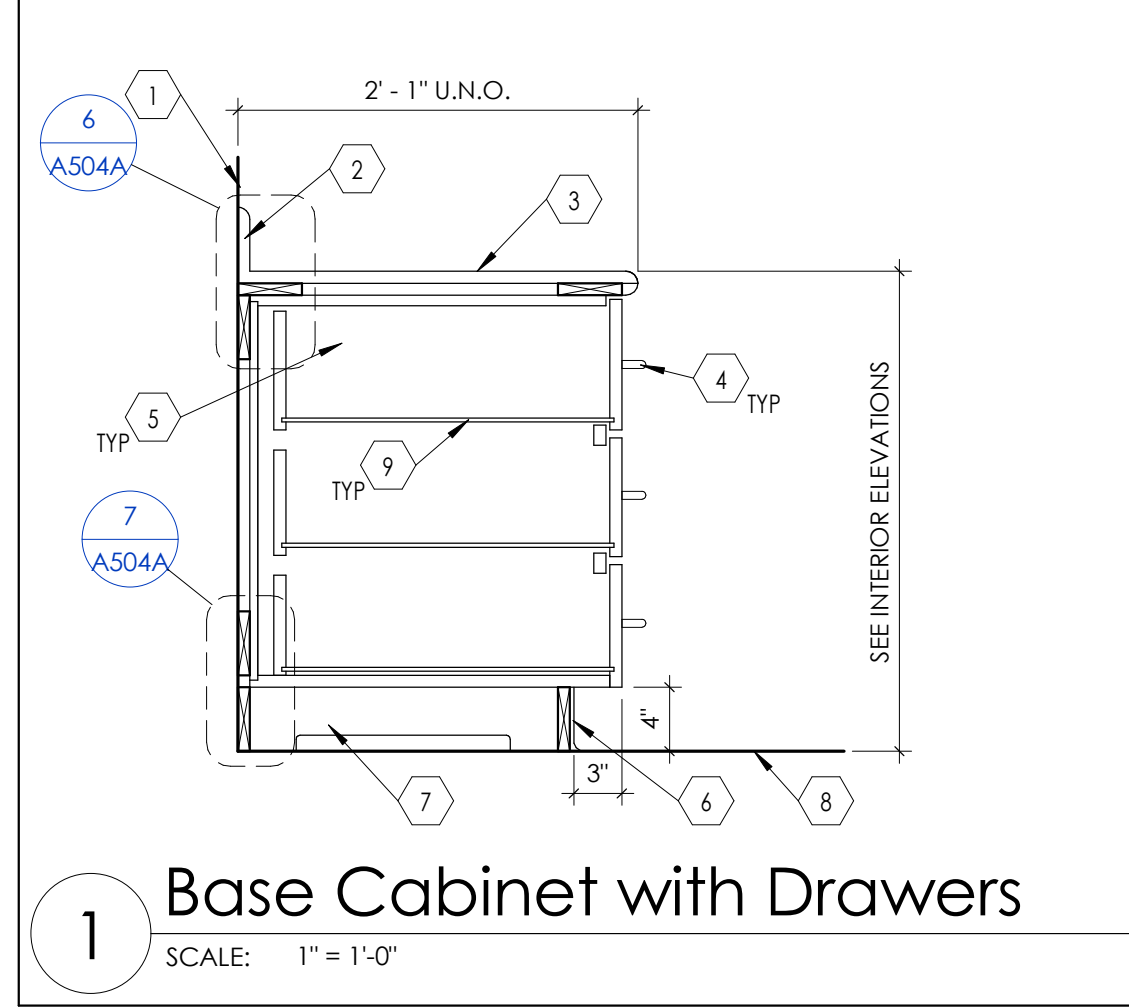
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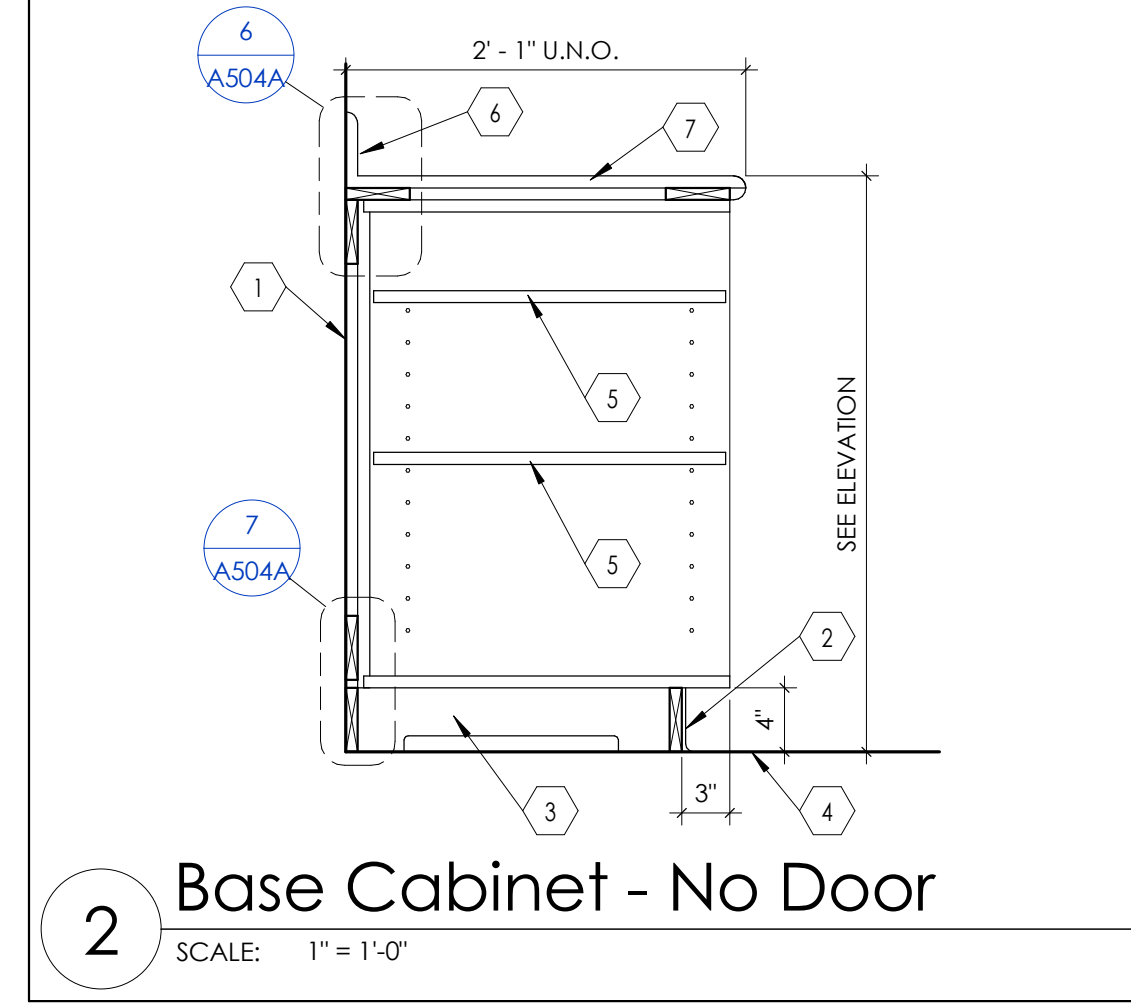
FINISH SCHEDULE							
TAG	FINISH TYPE	MATERIAL DESCRIPTION	MANUFACTURER	STYLE	MODEL #	COLOR	COMMENTS
F1	FLOOR FINISH	HOMOGENEOUS SHEET VINYL	MANNINGTON COMMERCIAL	BIOSPEC MD	15203	SANDRIFT	-
B1	WALL BASE	6" HIGH SELF COVERED SHEET VINYL	MANNINGTON COMMERCIAL	BIOSPEC MD	15203	SANDRIFT	PROVIDE MERCER MOLDING #040 IN COLOR 933 SANDRIFT
B2	WALL BASE	4" RUBBER BASE	MATCH ADJACENT EXISTING	-	-	-	-
P1	WALL FINISH	EPOXY WALL AND CEILING PAINT	SHERWIN WILLIAMS	SEMI-GLOSS	SW7005	PURE WHITE	-
P2	WALL FINISH	WALL PAINT	MATCH ADJACENT EXISTING	-	-	-	-

GENERAL NOTES

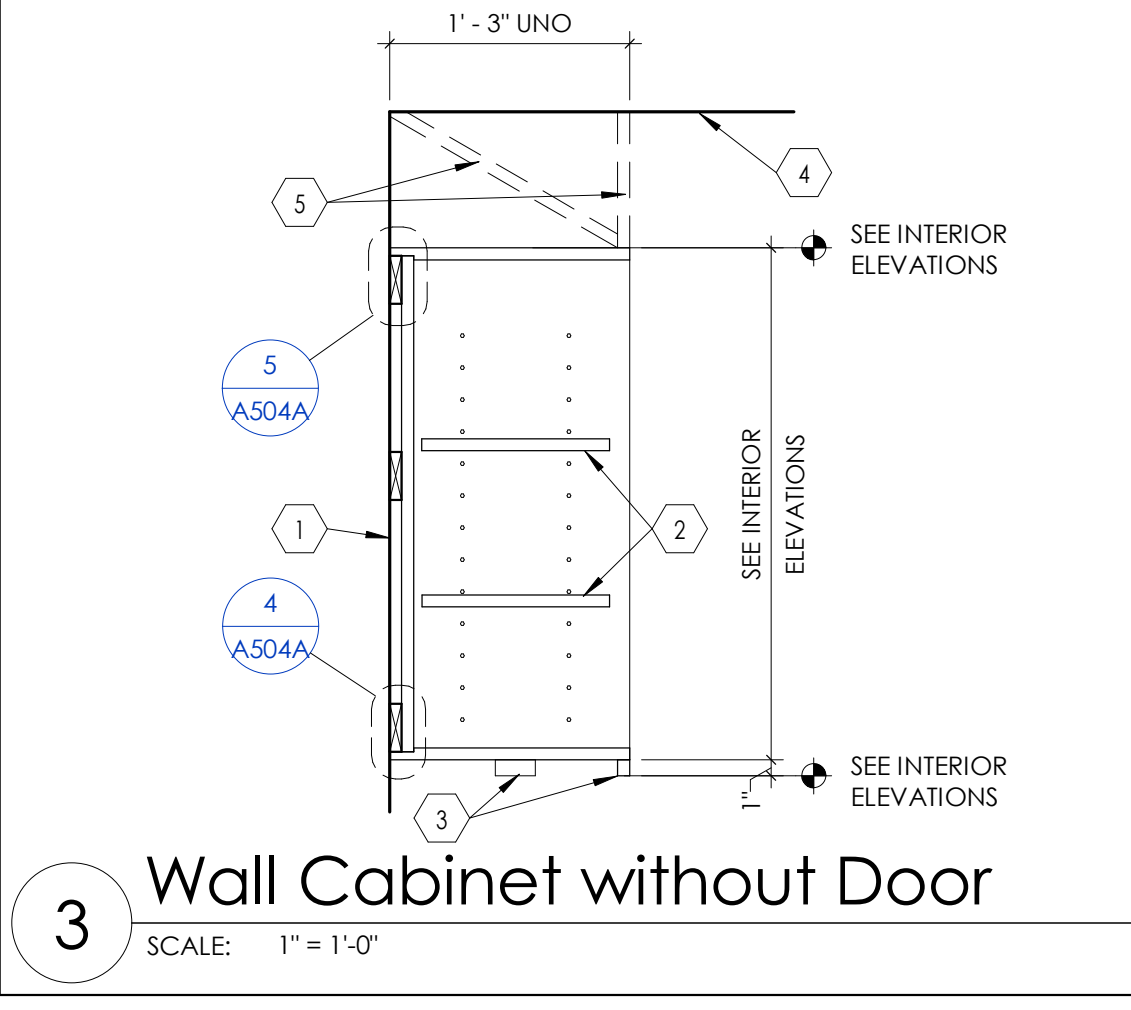
- BASE-OF-DESIGN FOR FINISHES: FINISHES INDICATED ON THE FINISH SCHEDULE ARE BASED ON THE NAMED MANUFACTURER AND THEIR PRODUCTS, SUBJECT TO COMPLIANCE WITH REQUIREMENTS. PROVIDE THE NAMED PRODUCT OR A COMPARABLE PRODUCT BY ONE OF THE APPROVED MANUFACTURERS LISTED IN THE PROJECT MANUAL. SEE RELEVANT SPECIFICATION SECTION.
- SEE "SAMPLE LAYOUTS" INDICATED BELOW 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, 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, WISC, STEEL ITEMS, PIPES, CONDUITS, ETC. UNLESS SPECIFICALLY NOTED AS A SURFACE NOT TO BE PAINTED, OR IF NATURAL FINISH IS REQUIRED. PAINT SURFACES USING 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 CEILING AND SOFFITS WITH EPOXY TYPE PAINT. ALL GYPSUM BOARD SOFFITS SHALL BE PAINTED. COORDINATE ACCENT COLOR LOCATIONS WITH ARCHITECT WHERE EVER 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 SOLID SURFACE (AND NOT PLASTIC LAMINATE WRAPPED), ARE INDICATED AS SS1, SS2, 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.



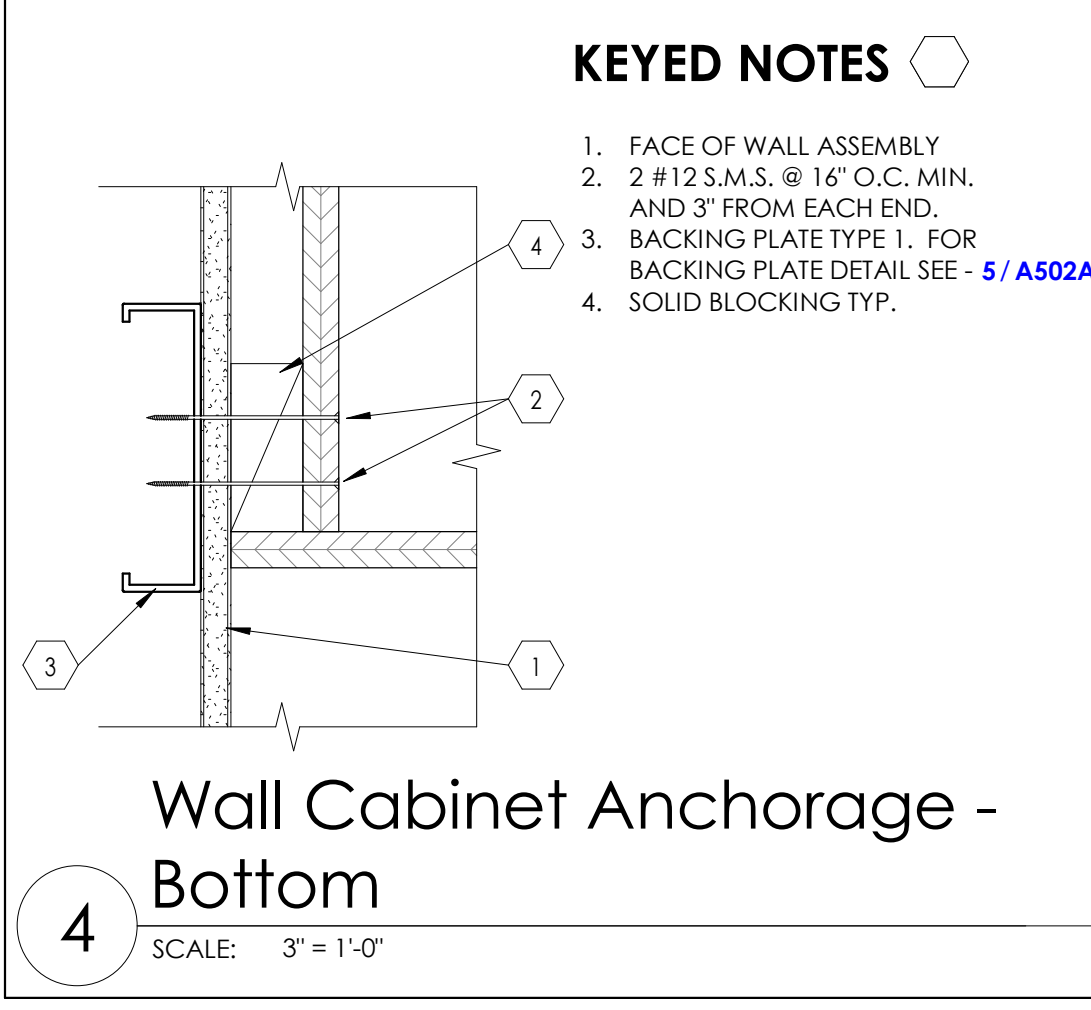
- KEYED NOTES**
- LINE OF WALL, AS OCCURS, IF CABINET IS LOCATED AT AN ISLAND, PROVIDE PLASTIC LAMINATE COVERED BACK PANEL, WHERE EXPOSED. NO BACKSPLASH IS NECESSARY.
 - INTEGRAL BACKSPLASH WITH 3/4" RADIUS EDGE.
 - SCHEDULED COUNTERTOP WITH BULLNOSE EDGE. SEE DETAILS -/--- & -/---. PROVIDE SOLID SURFACE END CAP AT ALL EXPOSED ENDS. SEE DETAIL -/---.
 - DRAWER PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
 - DRAWER. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.
 - WALL BASE. SEE FINISH SCHEDULE.
 - CABINET BASE, COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
 - LINE OF FLOOR.
 - DRAWER BOTTOM PANEL. SEE SPECIFICATIONS IN PROJECT MANUAL FOR TYPICAL DRAWER CONSTRUCTION.



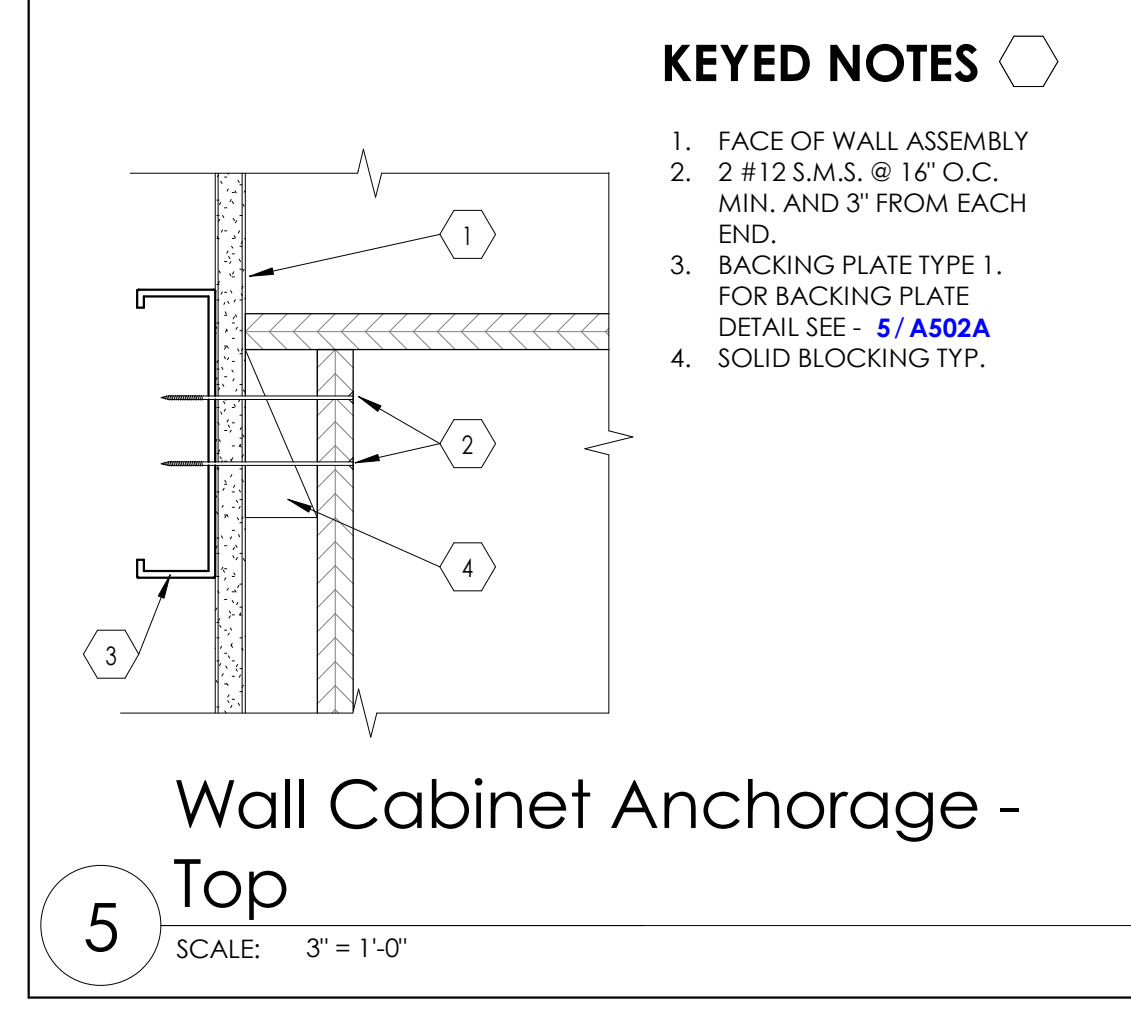
- KEYED NOTES**
- LINE OF WALL.
 - WALL BASE. SEE FINISH SCHEDULE.
 - CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
 - LINE OF FLOOR.
 - MULTI-CORE, 1" THICK, PREMIUM GRADE - PANEL CORE PRODUCT USED FOR LAMINATED CASEWORK. SEE ELEVATIONS FOR NUMBER OF ADJUSTABLE SHELVES REQUIRED. NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
 - BACKSPLASH WITH 3/4" RADIUS EDGE.
 - SCHEDULED COUNTERTOP WITH BULLNOSE EDGE. SEE DETAILS -/--- & -/---. PROVIDE SOLID SURFACE END CAP AT ALL EXPOSED ENDS. SEE DETAIL -/---.



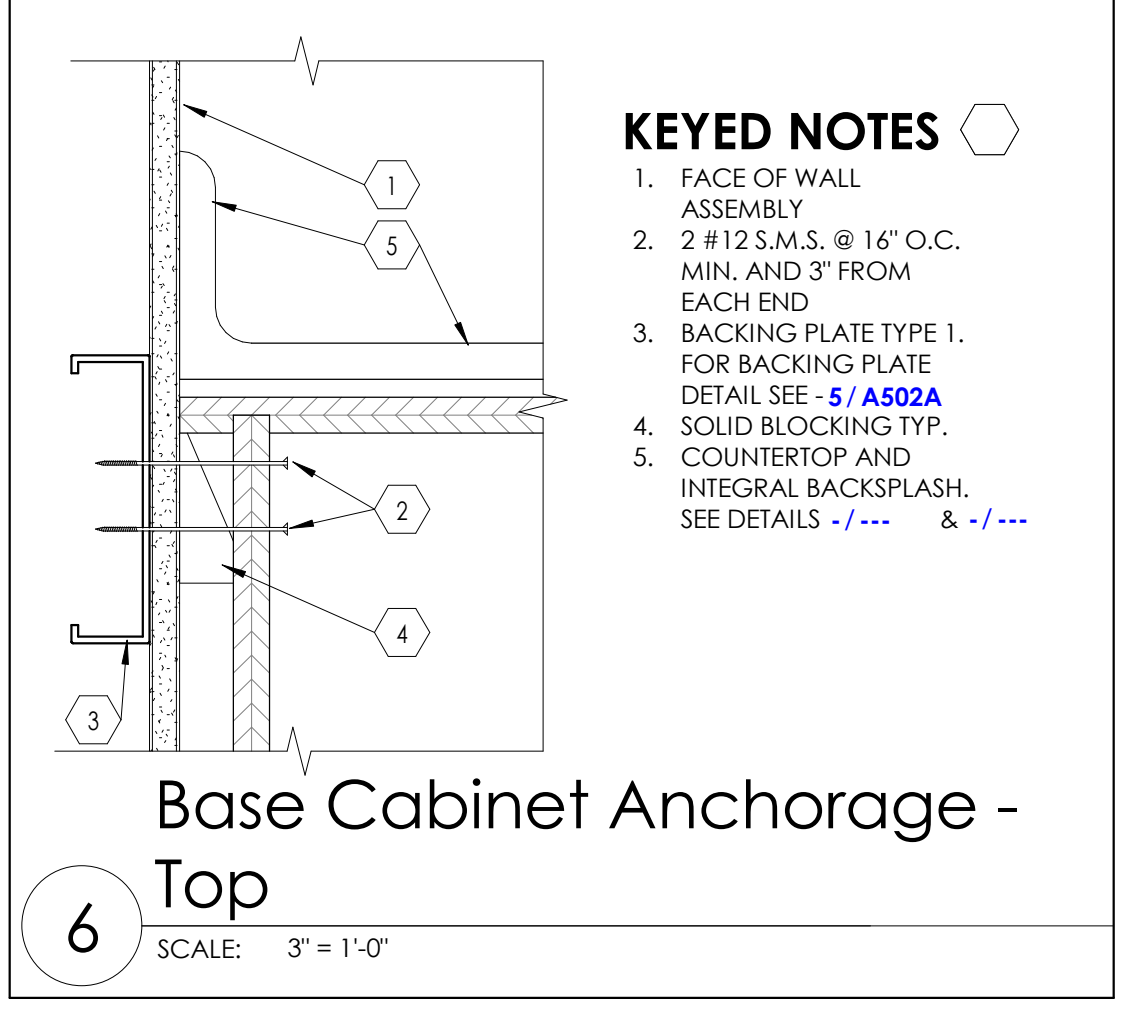
- KEYED NOTES**
- LINE OF WALL.
 - ADJUSTABLE SHELF. SEE ELEVATIONS FOR NUMBER OF ADJUSTABLE SHELVES REQUIRED. NOTCH SHELF 1/8" AT SUPPORTS TO PREVENT SLIDE OUT.
 - PROVIDE PLASTIC LAMINATE FASCIA PANEL IN PLACES WHERE UNDER CABINET LIGHT OCCURS. SEE ELECTRICAL DRAWINGS FOR UNDER CABINET LIGHT FIXTURE LOCATIONS.
 - LINE OF CEILING. SEE REFLECTED CEILING PLAN.
 - FASCIA PANEL AS OCCURS. SEE INTERIOR ELEVATION. SEE DETAIL -/---.
- NOTE: ALL EXPOSED SURFACES OF CABINET INTERIOR SHALL BE COVERED WITH PLASTIC LAMINATE PER SPECIFICATION.



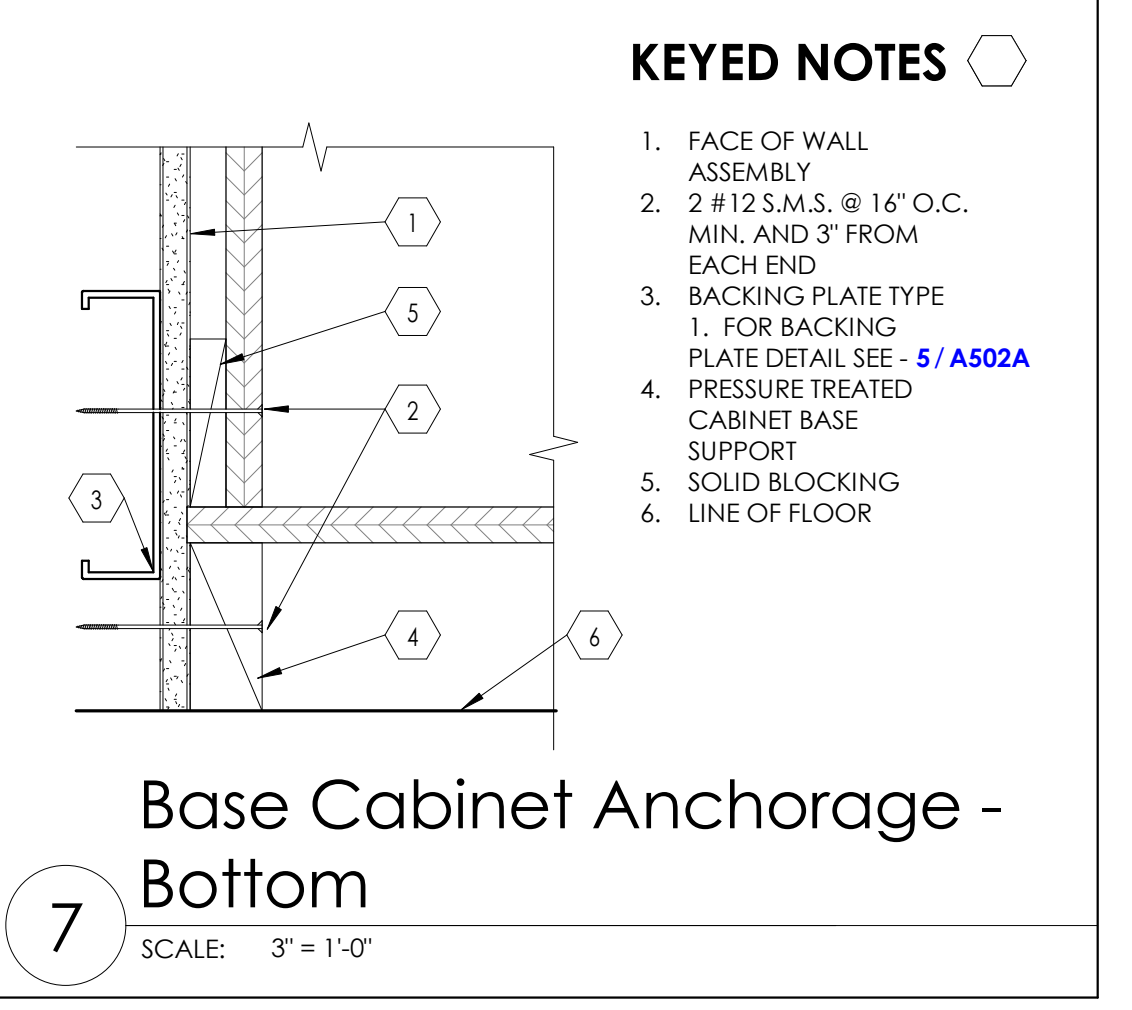
- KEYED NOTES**
- FACE OF WALL ASSEMBLY.
 - 2 #12 S.M.S. @ 16" O.C. MIN. AND 3" FROM EACH END.
 - BACKING PLATE TYPE 1. FOR BACKING PLATE DETAIL SEE - 5 / A502A.
 - SOLID BLOCKING TYP.



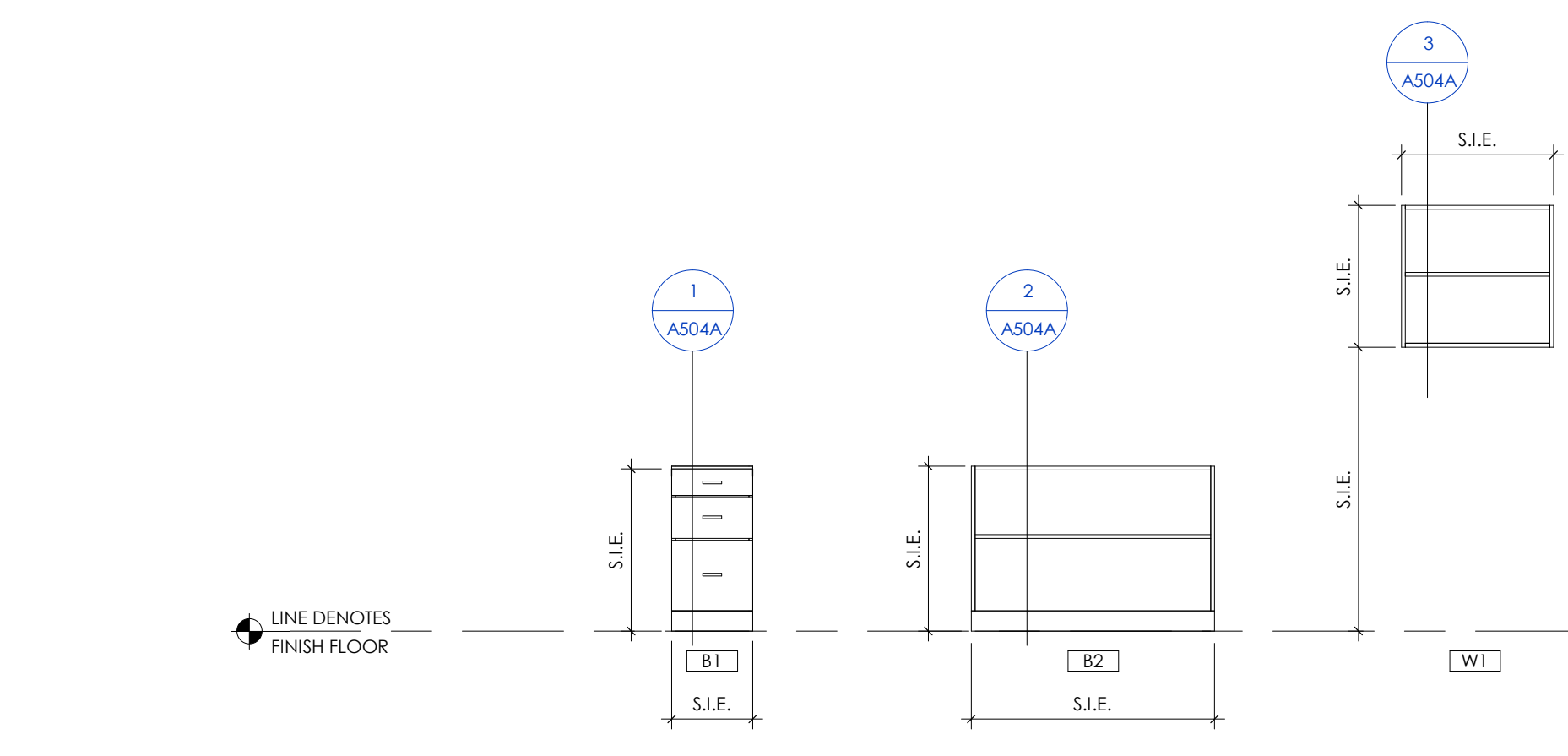
- KEYED NOTES**
- FACE OF WALL ASSEMBLY.
 - 2 #12 S.M.S. @ 16" O.C. MIN. AND 3" FROM EACH END.
 - BACKING PLATE TYPE 1. FOR BACKING PLATE DETAIL SEE - 5 / A502A.
 - SOLID BLOCKING TYP.



- KEYED NOTES**
- FACE OF WALL ASSEMBLY.
 - 2 #12 S.M.S. @ 16" O.C. MIN. AND 3" FROM EACH END.
 - BACKING PLATE TYPE 1. FOR BACKING PLATE DETAIL SEE - 5 / A502A.
 - SOLID BLOCKING TYP.
 - COUNTERTOP AND INTEGRAL BACKSPLASH. SEE DETAILS -/--- & -/---.

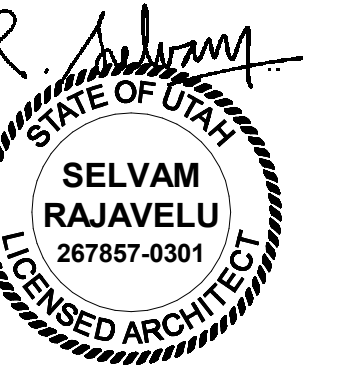


- KEYED NOTES**
- FACE OF WALL ASSEMBLY.
 - 2 #12 S.M.S. @ 16" O.C. MIN. AND 3" FROM EACH END.
 - BACKING PLATE TYPE 1. FOR BACKING PLATE DETAIL SEE - 5 / A502A.
 - PRESSURE TREATED CABINET BASE SUPPORT.
 - SOLID BLOCKING.
 - LINE OF FLOOR.



(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.)

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

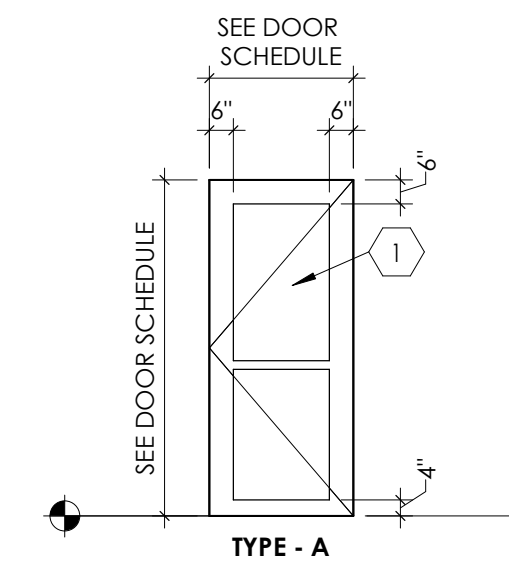


DOOR SCHEDULE

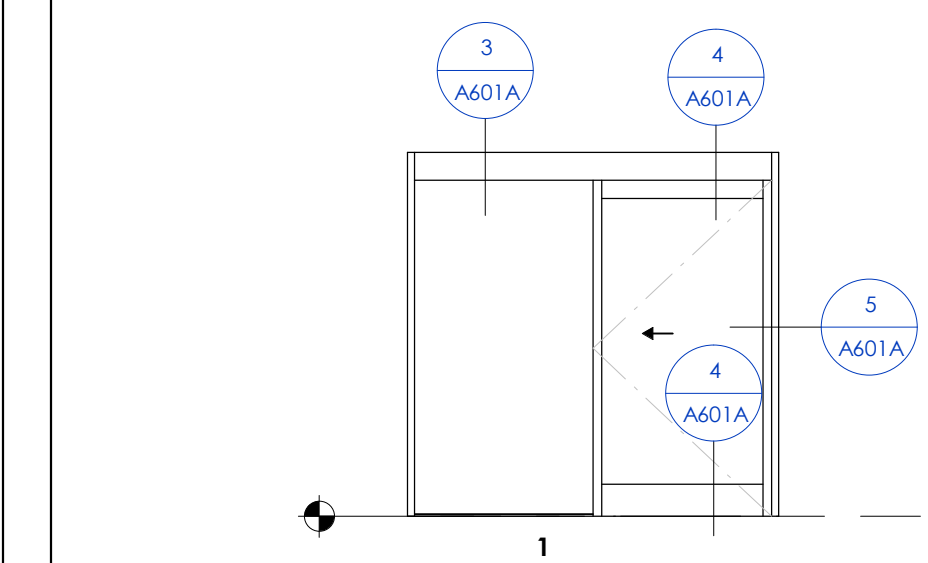
DOOR #	# OF PANELS	DOOR					FRAME			DETAILS				FIRE RATING (MINUTES)	HARDWARE GROUP	COMMENTS
		WIDTH	HEIGHT	THICKNESS	MATERIAL	TYPE	TYPE	DEPTH	MATERIAL	HEAD	JAMB	THRESHOLD				
A113	1	3'-8"	7'-7"	1 3/4"	ALUM	A	1		ALUM							HAND WAVE INTERLOCKING ACTIVATION
A114	1	3'-8"	7'-7"	1 3/4"	ALUM	A	1		ALUM							HAND WAVE INTERLOCKING ACTIVATION
A405Q	1		7'-0"	1 3/4"	WD	A	1	5 7/8"	HM							

KEYED NOTES

- DOORS OF THIS TYPE TO RECEIVE CLEAR, TEMPERED GLAZING 1/4" THICK, PROVIDED LOW E COATING ON ALL INSULATED GLASS UNITS. DOOR TO BE FACTORY GLAZED.



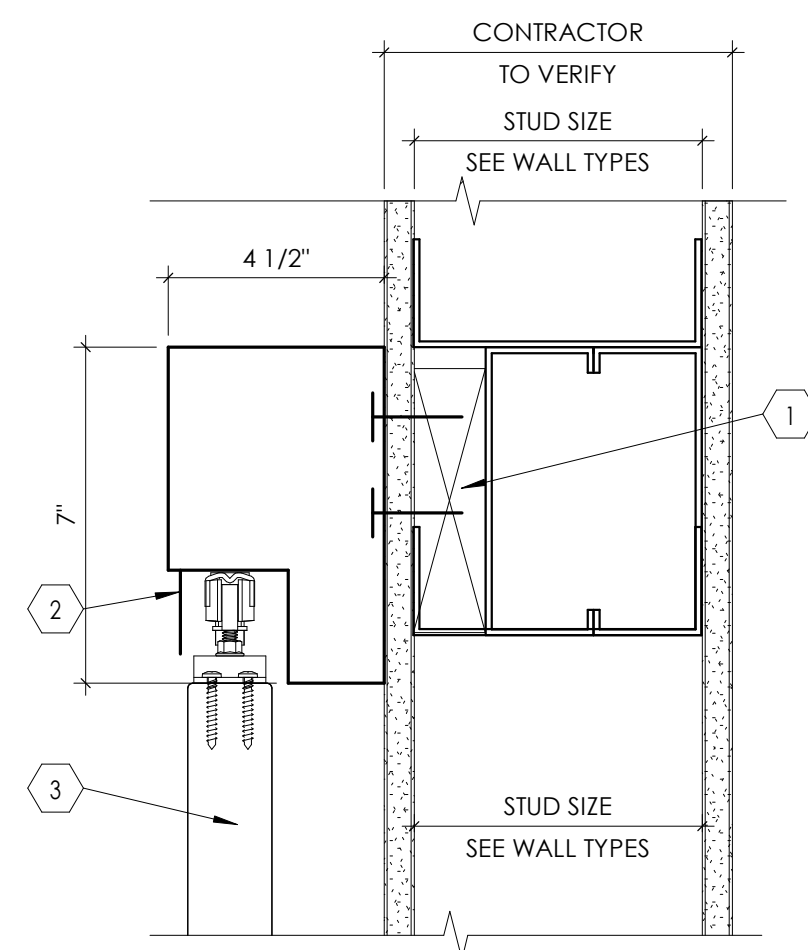
1 Door Types
SCALE: 1/4" = 1'-0"



2 Frame Types
SCALE: 1/4" = 1'-0"

KEYED NOTES

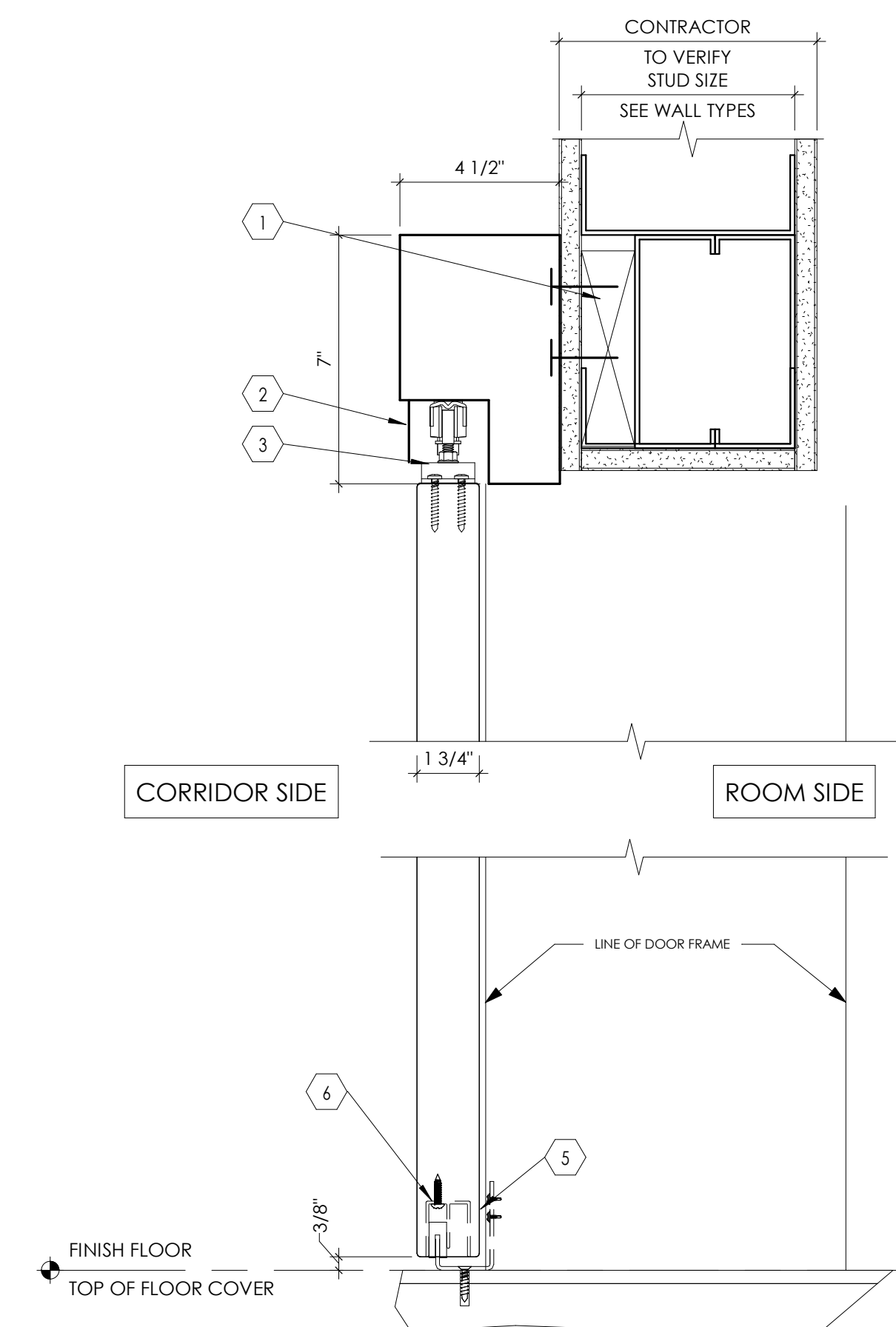
- 2 X 6 X CONT. FIRE TREATED WOOD BLOCKING FOR THE FULL LENGTH OF VALANCE PLUS 6" ON EITHER SIDE.
- VALANCE WITH END CAPS PER MFR.
- DOOR. SEE DOOR SCHEDULE. FINISH TO MATCH ALL NEW DOORS IN THE PROJECT.



3 Barn Door Frame at Wall
SCALE: 3" = 1'-0"

KEYED NOTES

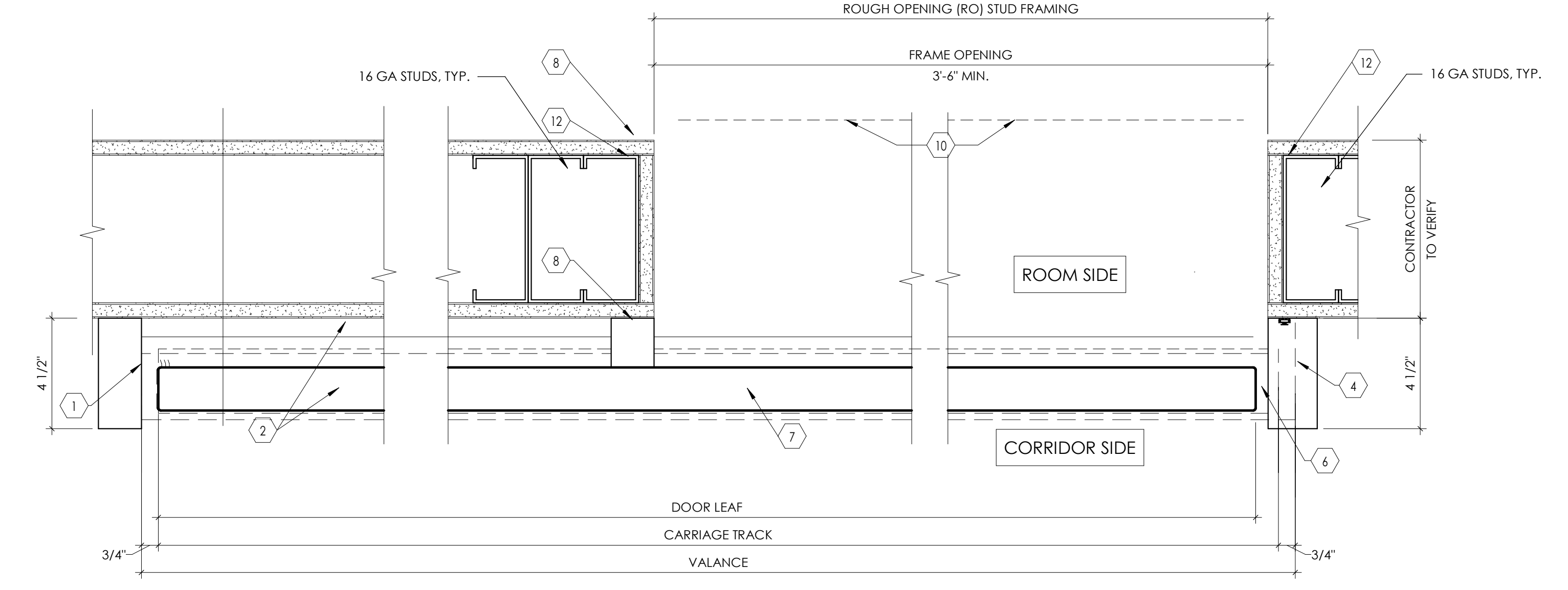
- 2 X 6 X CONT. FIRE TREATED WOOD BLOCKING FOR THE FULL LENGTH OF VALANCE PLUS 6" ON EITHER SIDE.
- VALANCE WITH END CAPS PER MFR.
- CLOSER & CARRIAGE TRACK PER MFR.
- ALUMINUM DOOR FRAME PER MFR.
- BOTTOM TRACK PER MFR.
- SILL GUIDE PER MFR.
- DOOR. SEE DOOR SCHEDULE. FINISH TO MATCH ALL NEW DOORS IN THE PROJECT.



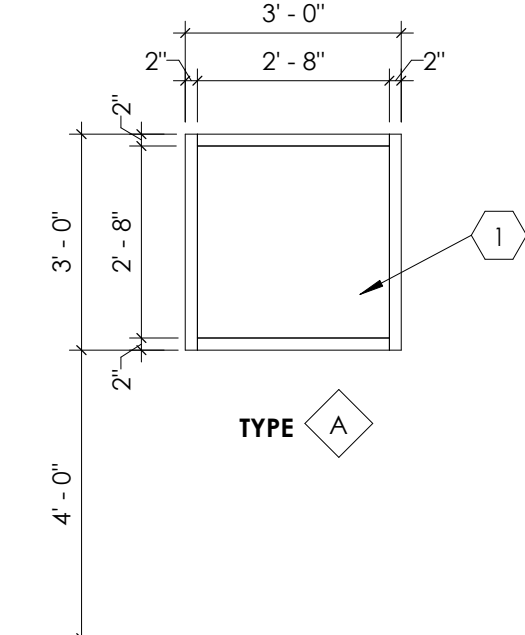
4 Barn Door Detail Section Head and Sill
SCALE: 3" = 1'-0"

KEYED NOTES

- VALANCE WITH END CAPS PER MFR.
- LINE OF VALANCE ABOVE.
- CLOSER & CARRIAGE TRACK PER MFR.
- ALUMINUM DOOR FRAME PER MFR.
- BOTTOM TRACK PER MFR.
- SILL GUIDE PER MFR.
- DOOR. SEE DOOR SCHEDULE. FINISH TO MATCH ALL NEW DOORS IN THE PROJECT.
- EPDM GASKET BOTH SIDES PER MFR.
- BACK TO BACK 1 1/2" LADDER PULLS.
- LINE OF FRAME ABOVE.
- STILE POCKET PER MFR.
- FOR JAMB FRAMING CONDITION SEE DETAIL 4/A504A. PROVIDE 16 GA STUDS AT JAMBS AS OPPOSE TO 18GA AS CALLED OUT ON DETAIL 4/A504A.



5 Barn Door Plan View Detail
SCALE: 3" = 1'-0"



6 Window Types
SCALE: 3/8" = 1'-0"

KEYED NOTES

- STAINLESS STEEL CLEAN ROOM WINDOW. INSTALL PER MANUFACTURER RECOMONDATIONS.



LEGEND OF MECHANICAL SYMBOLS AND ABBREVIATIONS

DUCTWORK/GRILLES

	POSITIVE PRESSURE DUCT - RISE
	POSITIVE PRESSURE DUCT - DROP
	NEGATIVE PRESSURE DUCT - RISE
	NEGATIVE PRESSURE DUCT - DROP
	ROUND DUCT - RISE
	ROUND DUCT - DROP
	TURNING VANES
	CEILING SUPPLY DIFFUSER
	CEILING RETURN REGISTER
	CEILING EXHAUST REGISTER, (BALANCE TO MATCH SUPPLY IF RETURN CFM IS NOT SHOWN)
	CEILING SUPPLY DIFFUSER WITH FLEXIBLE DUCT
	CEILING AIR GRILLE WITH FLEXIBLE DUCT
	CEILING RETURN AIR GRILLE W/ SOUND BOOT
	FLAT OVAL DUCT WITH NET INSIDE DIMENSIONS SHOWN IN INCHES.
	RECTANGULAR DUCT WITH NET INSIDE DIMENSIONS SHOWN IN INCHES.
	ROUND DUCT WITH NET INSIDE DIMENSIONS SHOWN IN INCHES.
	INCLINED RISE
	INCLINED DROP
	R/W=1, ROUND DUCT SIMILAR TO RECTANGULAR
	RECTANGULAR TO RECTANGULAR OR ROUND TO ROUND DUCT TRANSFORMATION MAXIMUM 15° INCLUDED ANGLE EXCEPT WHERE SHOWN OTHERWISE.
	RECTANGULAR TO ROUND DUCT TRANSFORMATION
	BRANCH DUCT SPLIT WITH 6" WIDTH AND MIN. R=WIDTH OF BRANCH DUCT DOWNSTREAM. ELBOW TURNING VANE OPTIONAL.
	TAP ENTRY AREA EQUALS 150% OF BRANCH AREA
	HIGH EFFICIENCY FITTING
	MANUAL VOLUME DAMPER
	ACCESS PANEL IN DUCT OR PLENUM
	SINGLE DUCT AIR TERMINAL BOX VARIABLE OR CONSTANT VOLUME. MIN. 1-1/2" TERMINAL INLET SIZE STRAIGHT DUCT AT TERMINAL INLET.
	4-WAY BLOW PATTERN
	3-WAY BLOW PATTERN
	2-WAY BLOW PATTERN
	2-WAY BLOW PATTERN
	1-WAY BLOW PATTERN

TOP FIGURES INDICATE
NECK SIZE, BOTTOM
FIGURE INDICATES CFM.

PIPING / PLUMBING

	PIPE CAP
	FLOOR SINK
	DEMOLITION

ANNOTATIONS

	POINT OF CONNECTION
	SECTION TAG - TOP FIGURE IS SECTION NO. BOTTOM FIGURE IS SHEET NO.
	DETAIL TAG - TOP FIGURE IS DETAIL NO. BOTTOM FIGURE IS SHEET NO.
	EQUIPMENT IDENTIFICATION
	KEYED NOTE IDENTIFICATION
	THERMOSTAT

LINETYPES

	CHILLED WATER SUPPLY
	CHILLED WATER RETURN
	DOMESTIC COLD WATER (DCW)
	DOMESTIC HOT WATER (DHW)
	DOMESTIC HOT WATER RETURN (DHW-R)
	EXISTING PIPING
	EXISTING PIPING TO BE REMOVED
	VENT (SEWER)



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 PIPING. FAILURE TO COMPLY WILL RESULT IN THE 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.

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.
- 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 EXACT LOCATION OF PLUMBING WITH STRUCTURAL MEMBERS, LIGHTS, REFLECTED CEILING, CABLE TRAY, DUCTWORK, MECHANICAL PIPING, MEDICAL GASES, FIRE PROTECTION AND OTHER TRADES, TYPICAL.
- COORDINATE THE LOCATION OF THE FLOOR DRAIN, SHOWER DRAIN, OR FLOOR SINK WITH ARCHITECTURAL AND STRUCTURAL, TYPICAL.
- ACCESS DOORS SHALL BE PROVIDED TO ALL WATER HAMMER ARRESTORS IN WALLS OR ABOVE CEILINGS.
- SEE PLUMBING FIXTURE SCHEDULE FOR PIPE SIZES OF WASTE, VENT AND DOMESTIC WATER TO/FROM SINGLE FIXTURE.
- HOSE BIBBS SHOWN AT LAVATORIES ARE TO BE MOUNTED AT AN ACCESSIBLE LOCATION UNDER THE LAVATORY.
- COORDINATE EXACT LOCATION OF PLUMBING PIPING WITH STRUCTURAL MEMBERS, LIGHTS, REFLECTED CEILING PLANS, CABLE TRAY, ELECTRICAL CONDUITS, DUCTWORK, MECHANICAL AND FIRE PROTECTION PIPING, AND ALL OTHER TRADES AND ALL EXISTING CONDITIONS.
- LOCATE CIRCUIT SETTERS, VALVES, WATER HAMMER ARRESTORS, ETC. IN ACCESSIBLE LOCATIONS. PROVIDE 24"X24" ACCESS PANEL WHERE ITEM IS LOCATED ABOVE A HARD CEILING.
- ALL PIPE AND DUCT SIZES SHALL REMAIN THE SAME SIZE SHOWN, IN THE DIRECTION OF FLOW, UNTIL SHOWN OTHERWISE.
- 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.

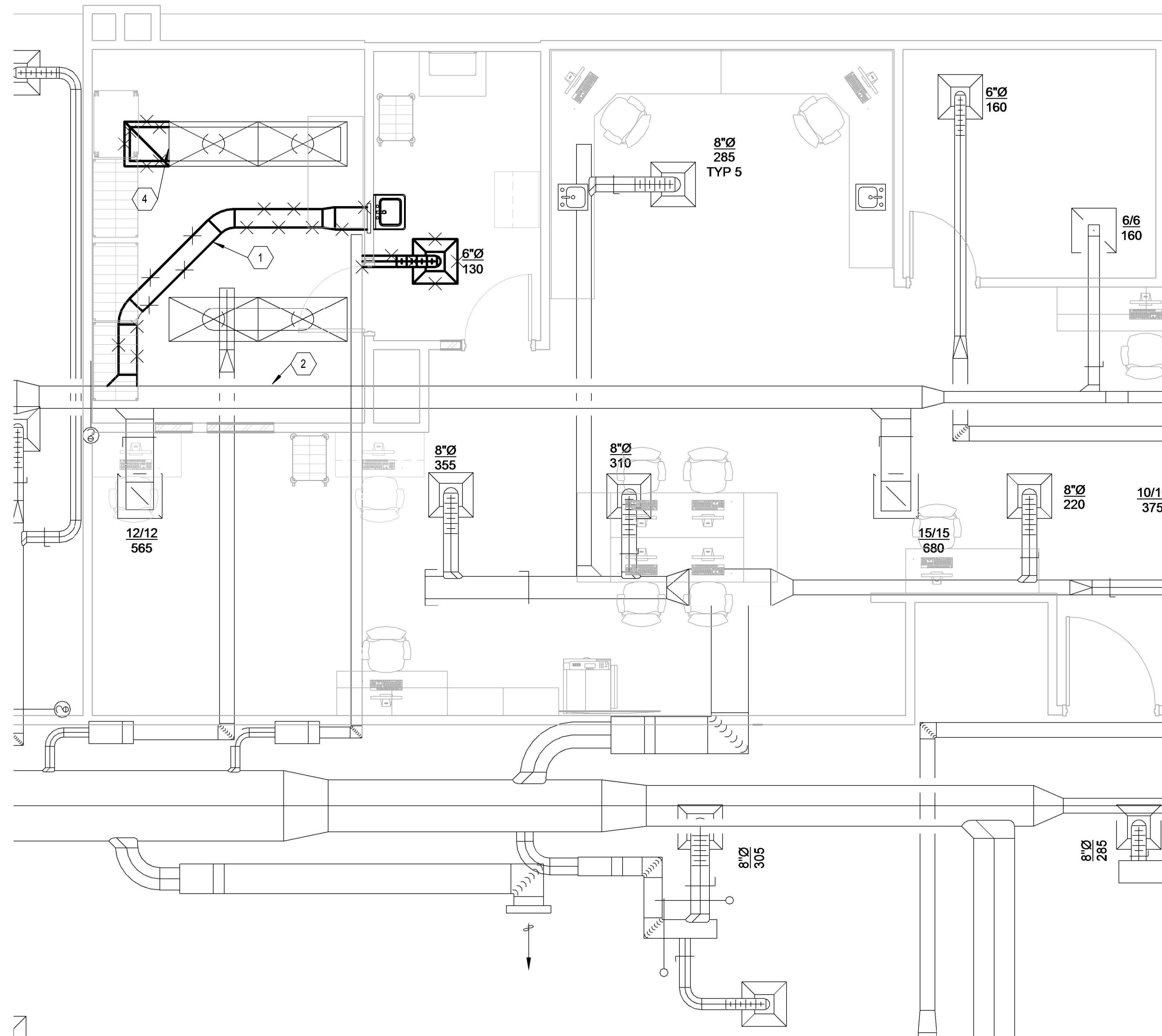
MECHANICAL GENERAL NOTES

- 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 SERVES UNLESS NOTED OTHERWISE, TYPICAL.
- THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CAULKING AND SEALING ALL PENETRATIONS IN FIRE AND SMOKE RATED PARTITIONS TO MAINTAIN RATINGS. SEE SPECIFICATION, TYPICAL.
- PROVIDE AND INSTALL TURNING VANES IN ALL SQUARE LOW PRESSURE DUCTWORK AT ELBOWS OR TEES, TYPICAL.
- CONTRACTOR SHALL OFF-SET, TRANSITION AND PROVIDE CHANGES AS REQUIRED FOR COORDINATION WITH OTHER TRADES, TYPICAL.
- DUCTWORK SIZES SHOWN ARE INSIDE CLEAR DIMENSIONS. REFER TO MECHANICAL SPECIFICATIONS FOR EXTENT OF DUCT INSULATION AND LINER.
- PROVIDE AND INSTALL REMOTE DAMPER OPERATORS FOR ALL DAMPERS INSTALLED ABOVE INACCESSIBLE CEILINGS. 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 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 DUCTS.
- 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.
- MECHANICAL CONTRACTOR SHALL ENSURE THAT ALL EQUIPMENT IS PROVIDED AND INSTALLED WITH CLEARANCES PER MANUFACTURERS RECOMMENDATIONS. THE CONTRACTOR SHALL MAINTAIN PROPER SERVICE SPACE FOR COIL PULLS, BAS DEVICES, MAINTENANCE ACCESS, ETC.
- ALL PIPE AND DUCT SIZES SHALL REMAIN THE SAME SIZE SHOWN, IN THE DIRECTION OF FLOW, UNTIL SHOWN OTHERWISE.
- 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.
- THE CONTRACTOR SHALL INFORM THE DESIGNER OF ANY PROPOSED DEVIATIONS FROM THE CONTRACT DOCUMENTS.
- ALL DIFFUSER, REGISTERS, AND GRILLES SHALL BE CD-1, RG-1, EG-1, SWE-1, OR SWR-1, UNLESS OTHERWISE NOTED.

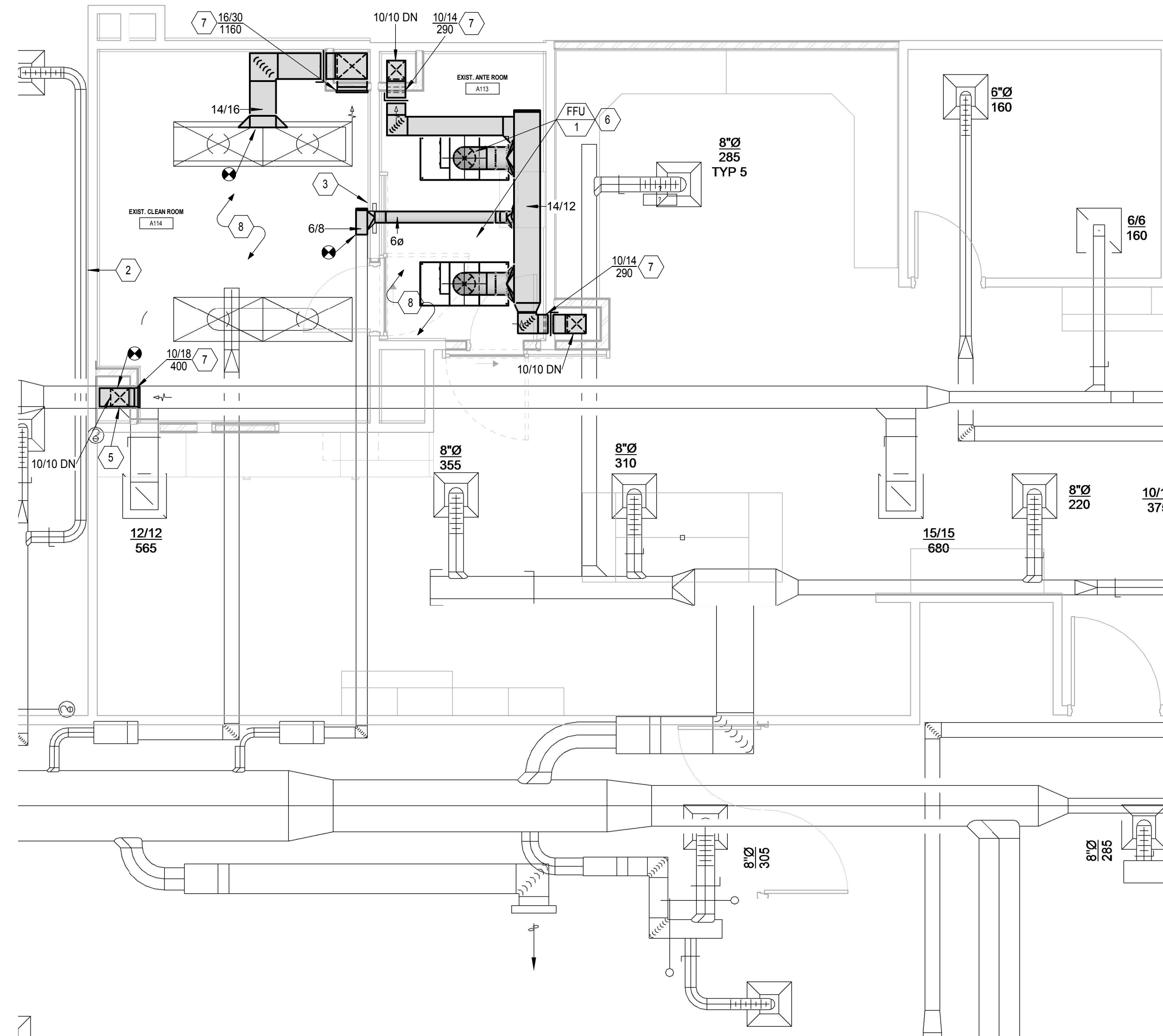
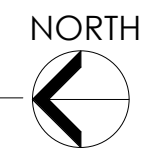


KEYED NOTES

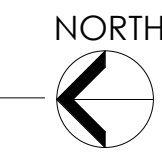
- EXISTING SHOWN DARK AND INDICATED WITH AN "X" TO BE DEMOLISHED, TYPICAL.
- EXISTING ELEMENTS SHOWN LIGHT TO REMAIN, TYPICAL.
- EXISTING DUCT IN WALL TO REMAIN. REMOVE EXISTING GRILLE. PATCH AND REPAIR WALL AT EXISTING GRILLE.
- PATCH AND REPAIR DUCTWORK.
- INSTALL REMOTE BALANCING DAMPER FOR RETURN DUCTS, TYPICAL.
- PROVIDE LOW LEAKAGE SHUT OFF DAMPER IN DUCTWORK PRIOR TO EACH NEW FAN FILTER UNITS FOR LIVE FILTER CHANGE. LOW LEAKAGE SHUT OFF DAMPER SHALL BE PROVIDED WITH A MANUAL REMOTE ACTUATOR INSTALLED NEXT TO FAN FILTER UNIT.
- INSTALL GRILLE 12 INCHES A.F.F., TYPICAL.
- DO NOT USE LINED DUCTWORK IN PHARMACY. INSULATE BOTH RETURN AND SUPPLY DUCTWORK.



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



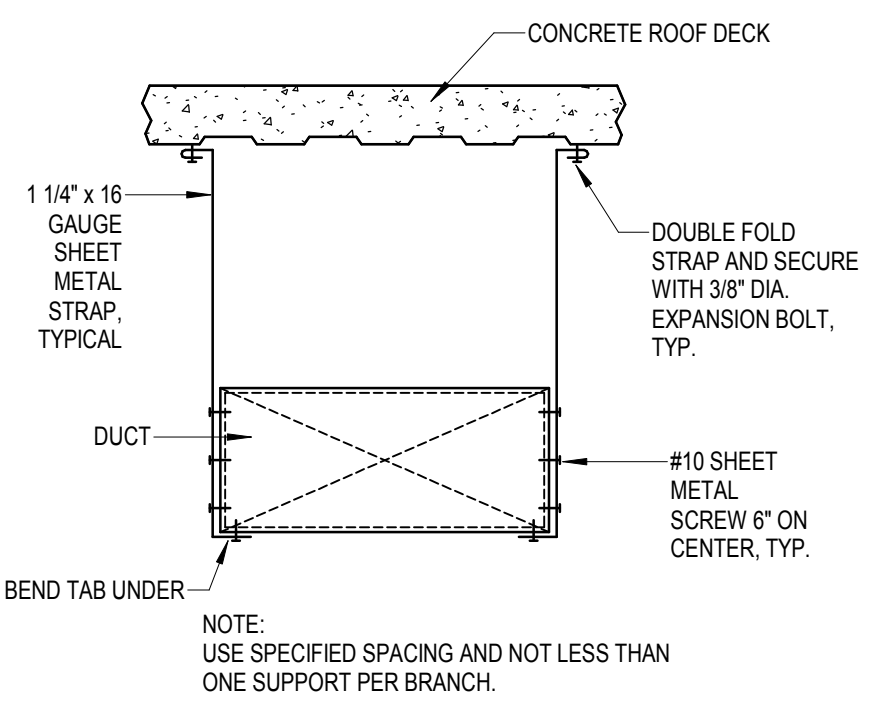
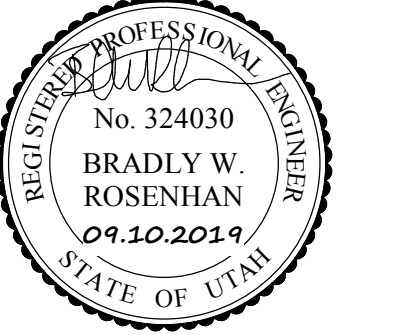
2 LEVEL 1 MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



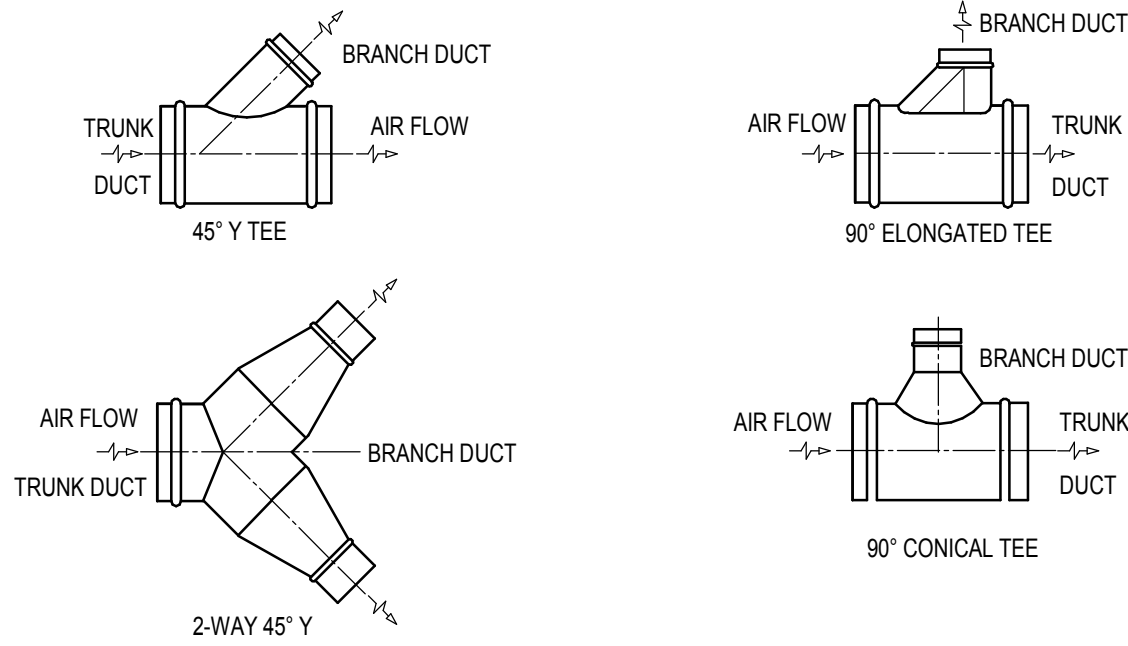
FAN FILTER UNIT SCHEDULE											
Diffuser Callout	MANUFACTURER	MODEL	LOCATION	QUANTITY	DESIGN AIRFLOW RATE (CFM)	EXTERNAL STATIC PRESSURE	HP	V/PIHZ	AMPS	FILTER TYPE	NOTES
FFU-1	AJ MANUFACTURING	SSLFHD 48X24	ANTE ROOM	2	305	.15	1/3	120/1/60	2.75	HEPA	1-8

- PROVIDE ROOM SIDE REPLACEABLE "EVERYTHING"
- COORDINATE WITH CEILING SYSTEM FOR EXACT SIZE OF UNIT AND FLANGE CONFIGURATION
- PROVIDE AIRFLOW INDICATOR LIGHT
- PROVIDE DUCT COLLAR AND ELIMINATE PRE-FILTER
- PROVIDE BAGNET GATEWAY CONTROLLER THAT CONTROLS MULTIPLE UNITS.
- PROVIDE WITH HEPA FILTER
- MOTORS FOR FAN FILTER UNITS SHALL BE PROVIDED WITH AN ECM MOTOR
- PROVIDE CHALLENGE, PRESSURE PORTS, AEROSOL PORTS AND PRESSURE TRANSDUCER TO FAN FILTER UNITS.

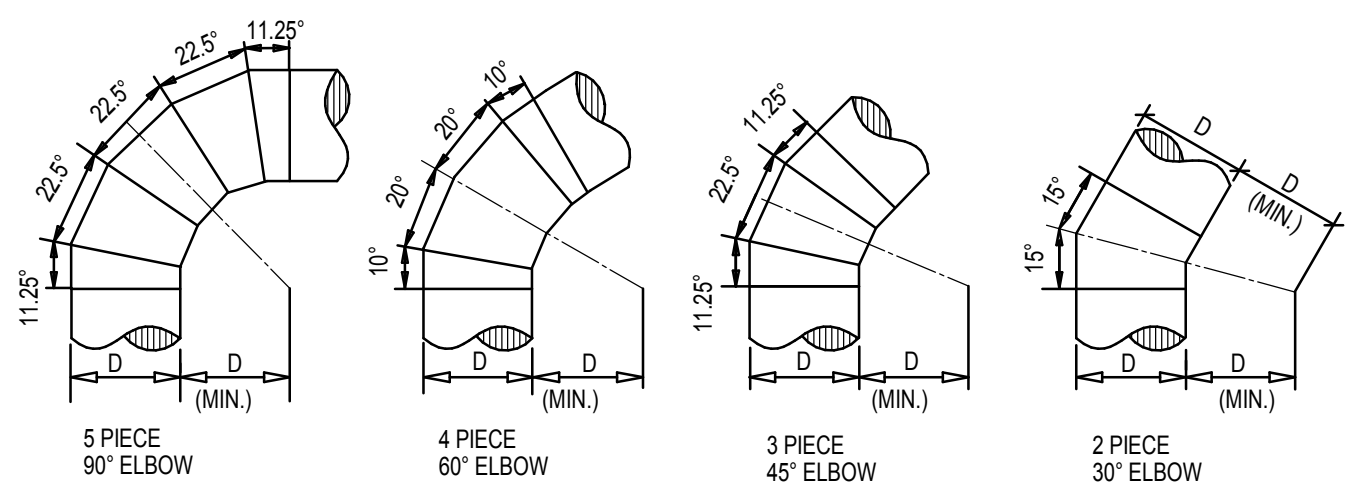
DIFFUSERS, REGISTERS, AND GRILLES				
DIFFUSER CALLOUT	MANUFACTURER	MODEL	MAX NC	DESCRIPTION
SWR-1	PRICE	630	25	ALUMINUM RETURN/EXHAUST GRILLE: GRILLES SHALL BE 45 DEGREE DEFLECTION FIXED LOUVER WITH 3/4 IN. ON CENTER SPACING. BLADES SHALL RUN PARALLEL TO THE LONG DIMENSION. FINISH AS SELECTED BY ARCHITECT.



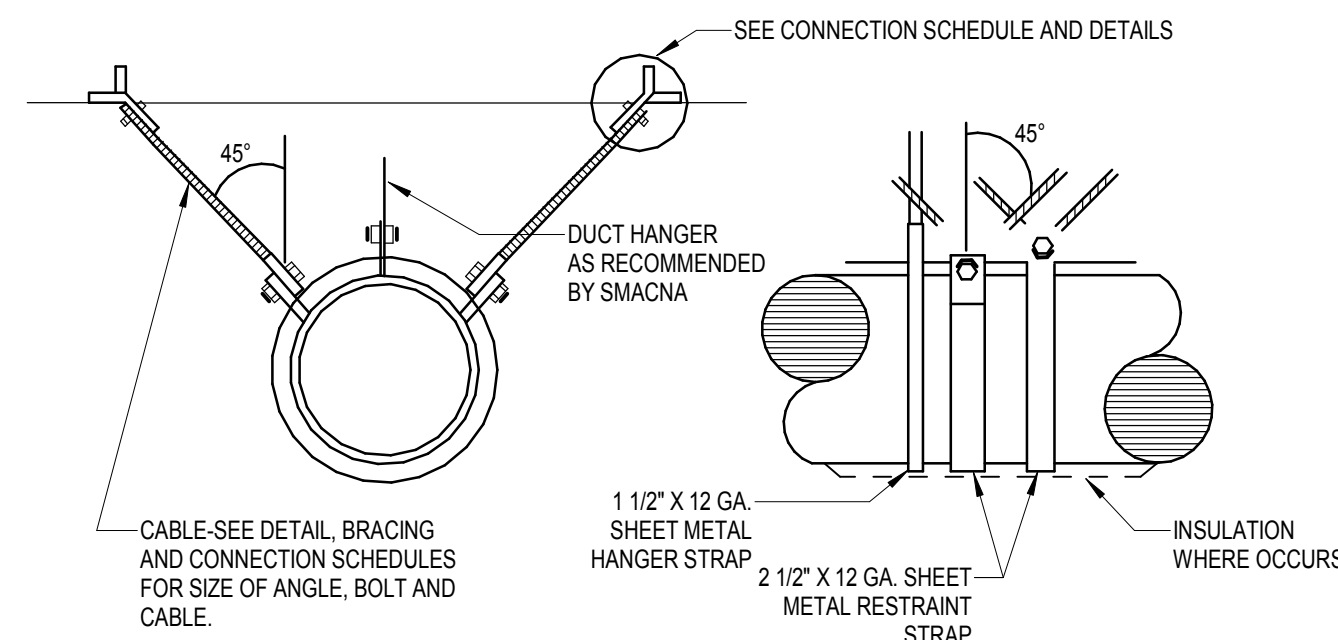
8 RECTANGULAR DUCT SUPPORT
SCALE: 1/2" = 1'-0"



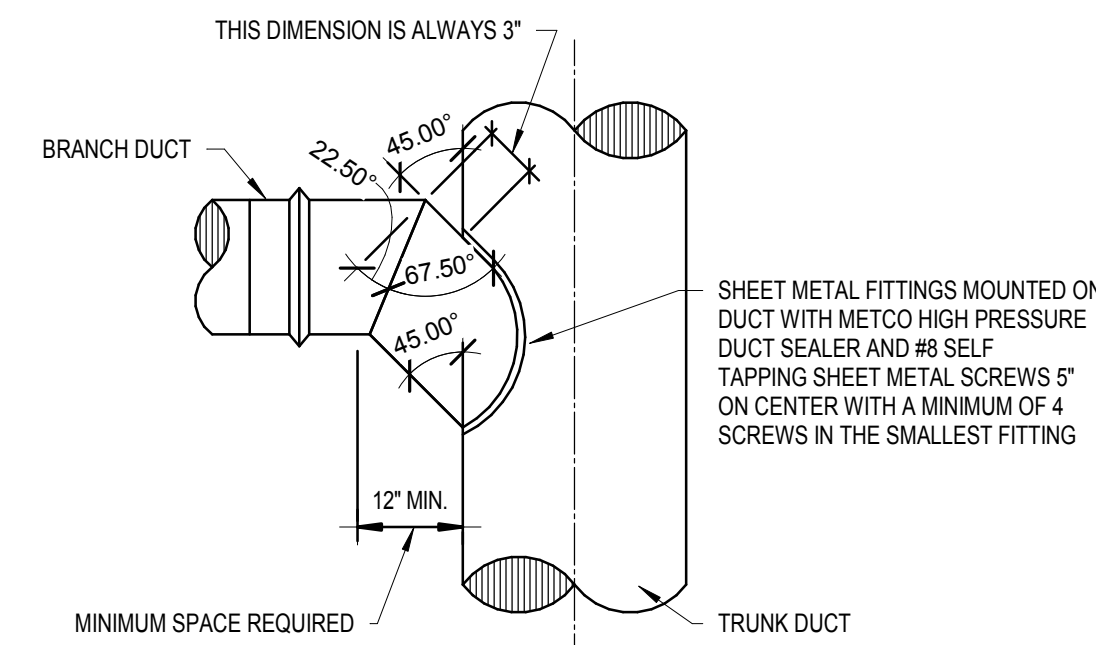
9 ROUND DUCT BRANCH TAKE-OFF DETAILS
SCALE: 1/2" = 1'-0"



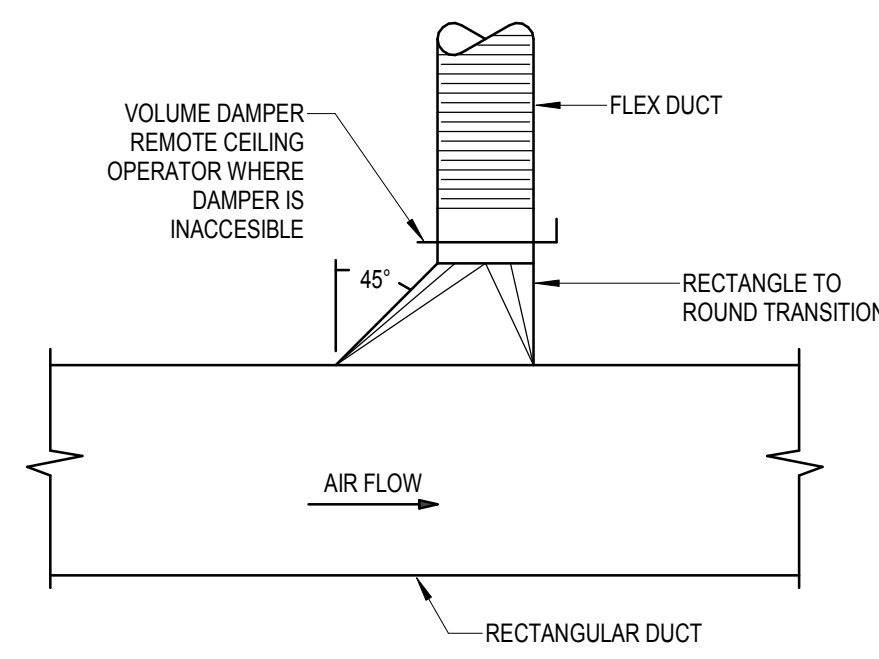
10 ROUND DUCT ELBOW DETAILS
SCALE: 1/2" = 1'-0"



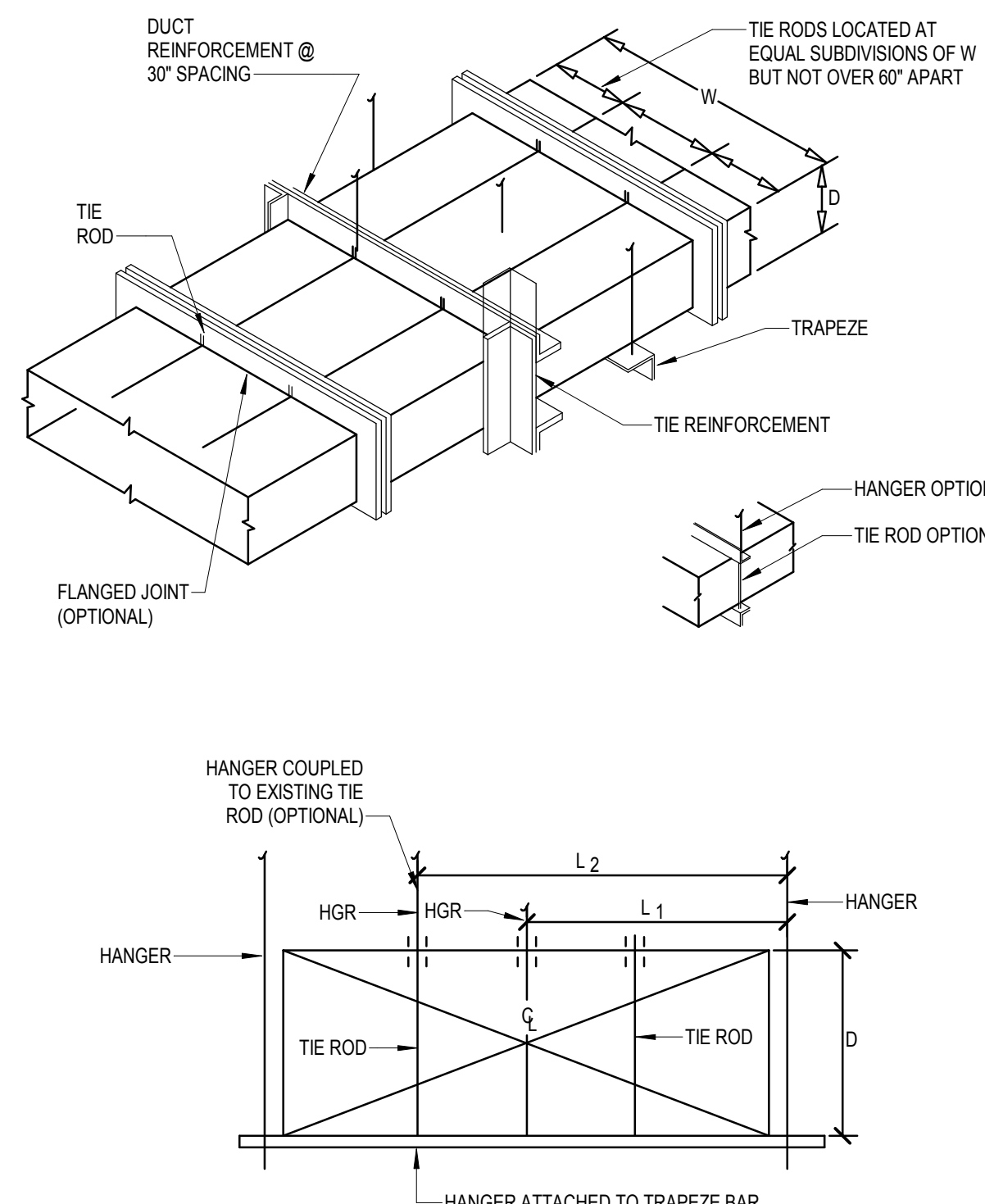
4 CABLE BRACING FOR ROUND AND OVAL DUCTS
SCALE: 1/2" = 1'-0"



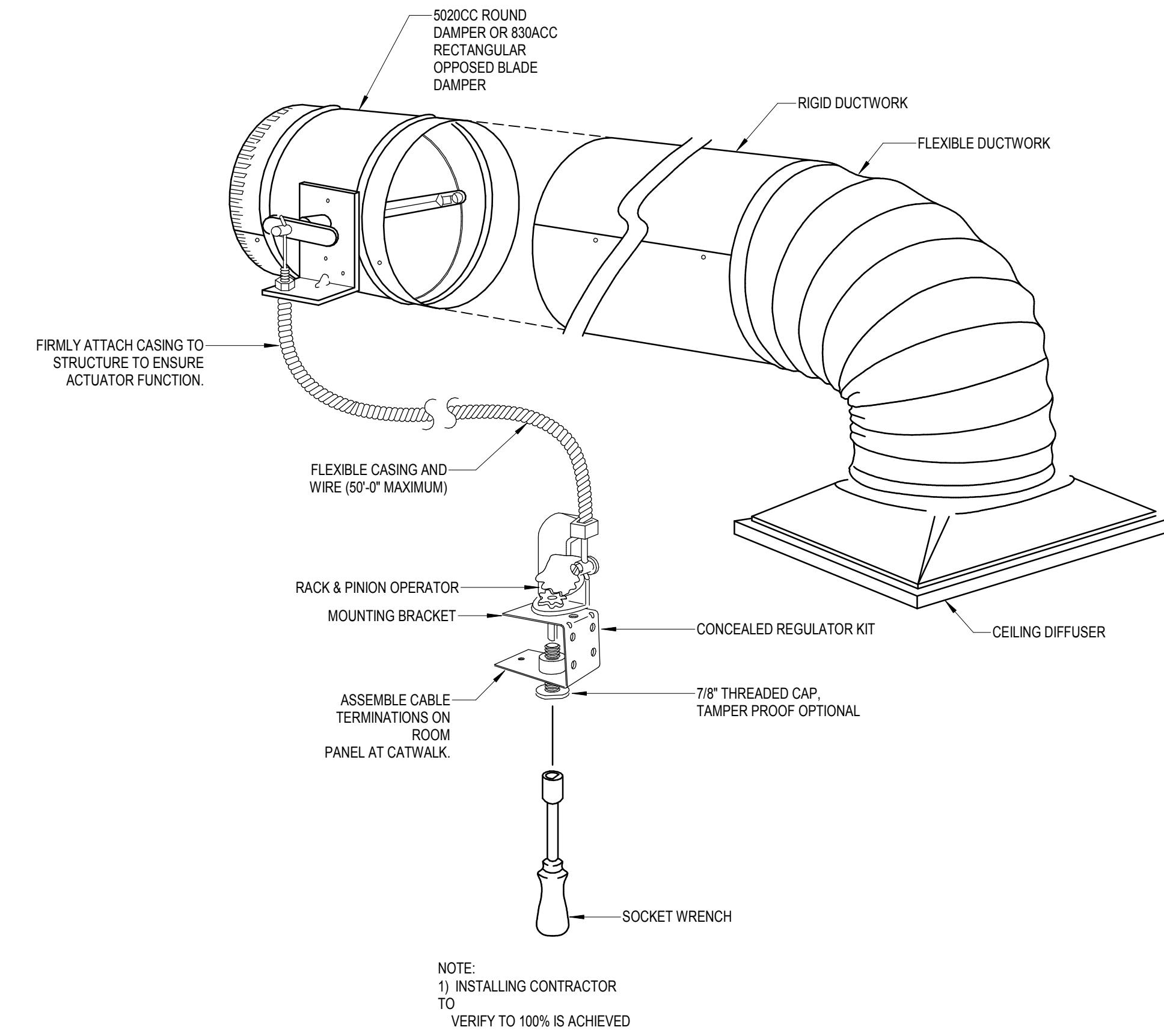
5 CONSTRUCTION OF 45-90 DEGREE TEE FITTING AND MOUNTING
SCALE: 1/2" = 1'-0"



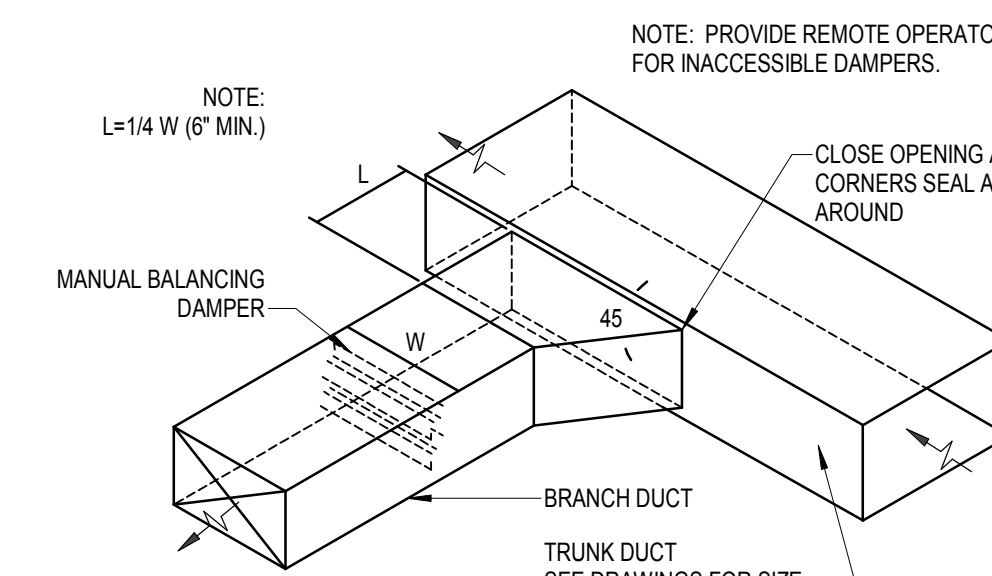
6 HIGH EFFICIENCY TAKE-OFF DETAIL
SCALE: 1/2" = 1'-0"



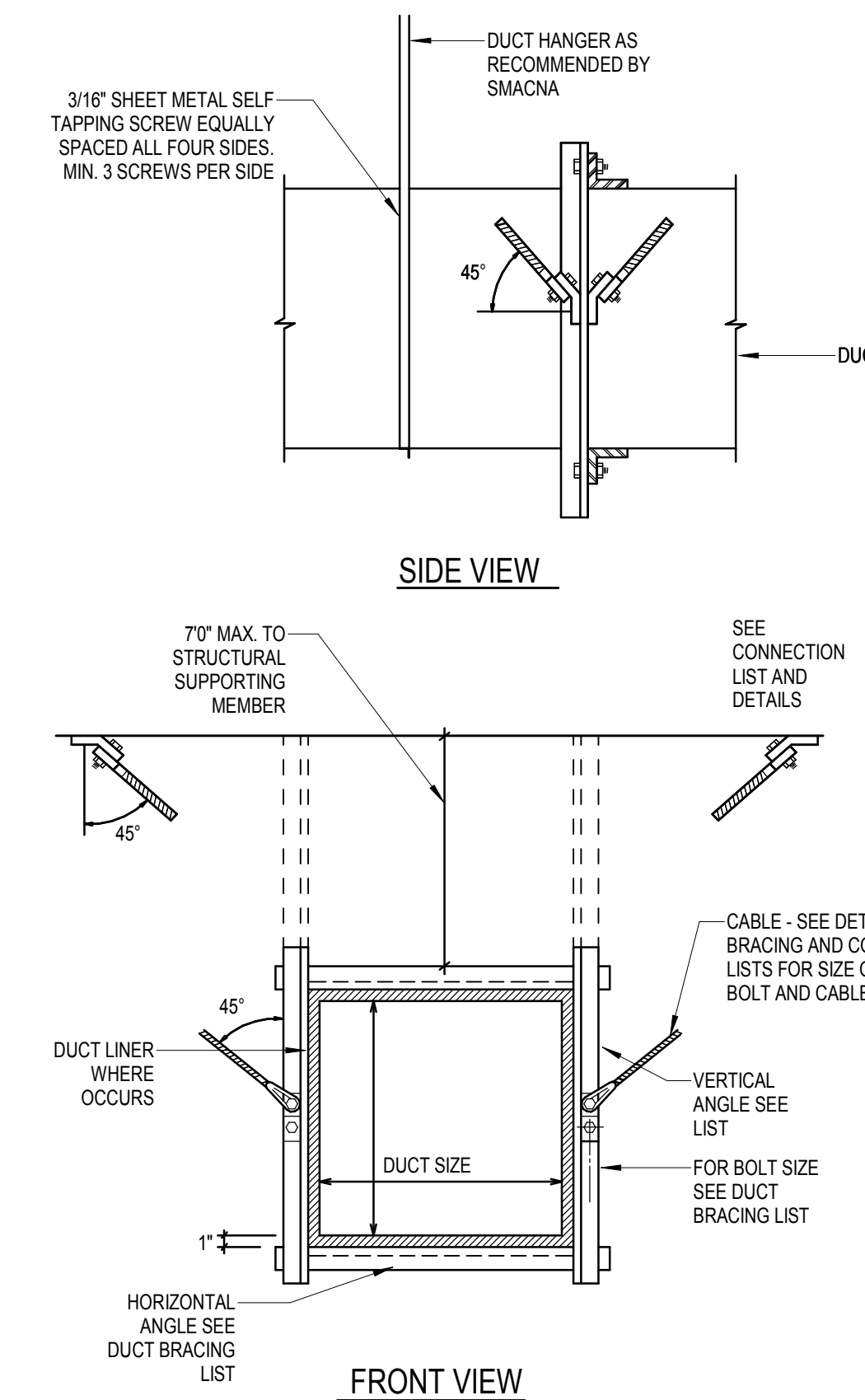
7 LARGE DUCT REINFORCEMENT DETAIL
SCALE: 1/2" = 1'-0"



1 BOWDEN CABLE CONTROL SYSTEM
SCALE: 1/2" = 1'-0"



2 BRANCH DUCT TAKE-OFF DETAIL
SCALE: 1/2" = 1'-0"



3 CABLE BRACING FOR RECTANGULAR DUCTS
SCALE: 1/2" = 1'-0"

KEYED NOTES

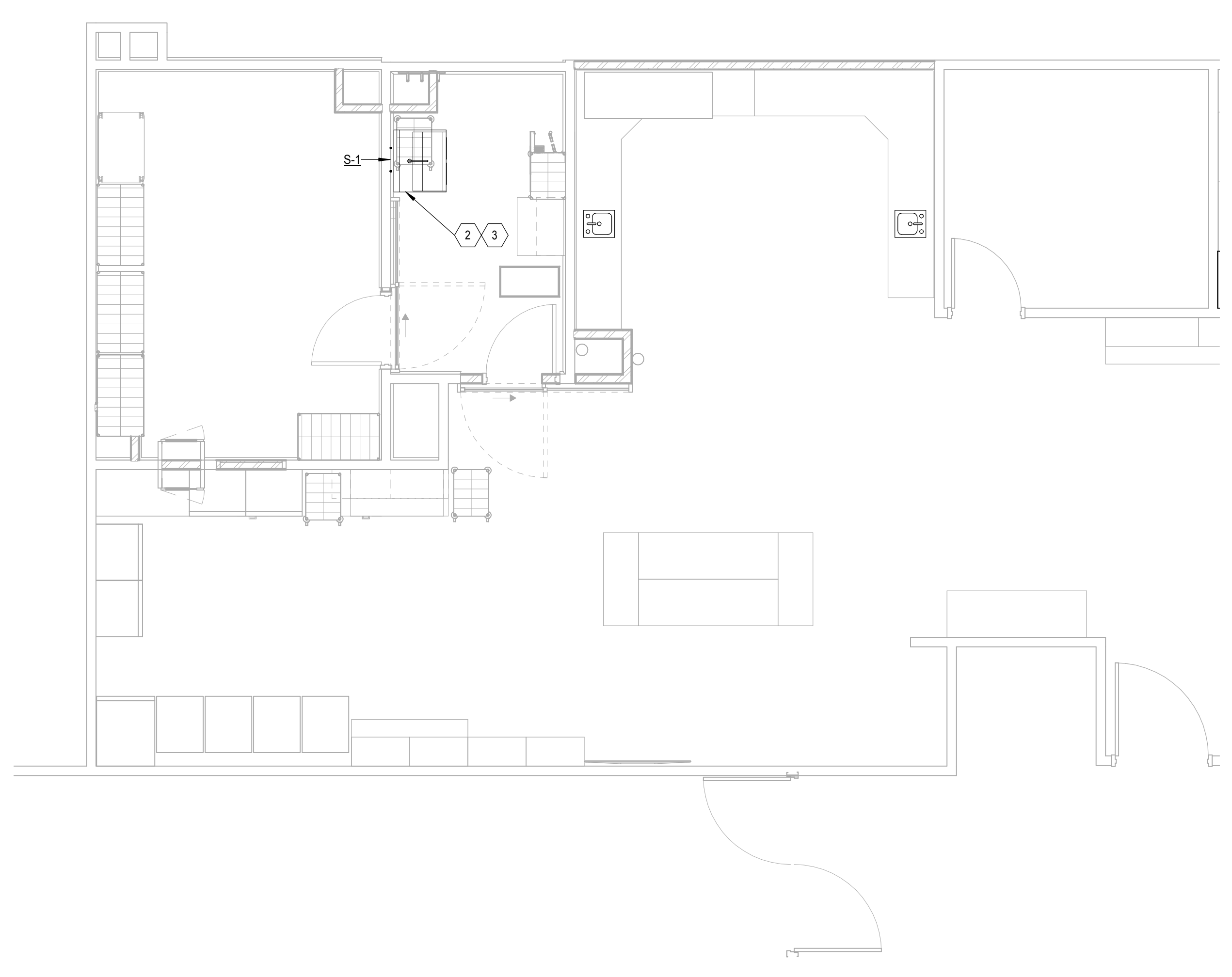
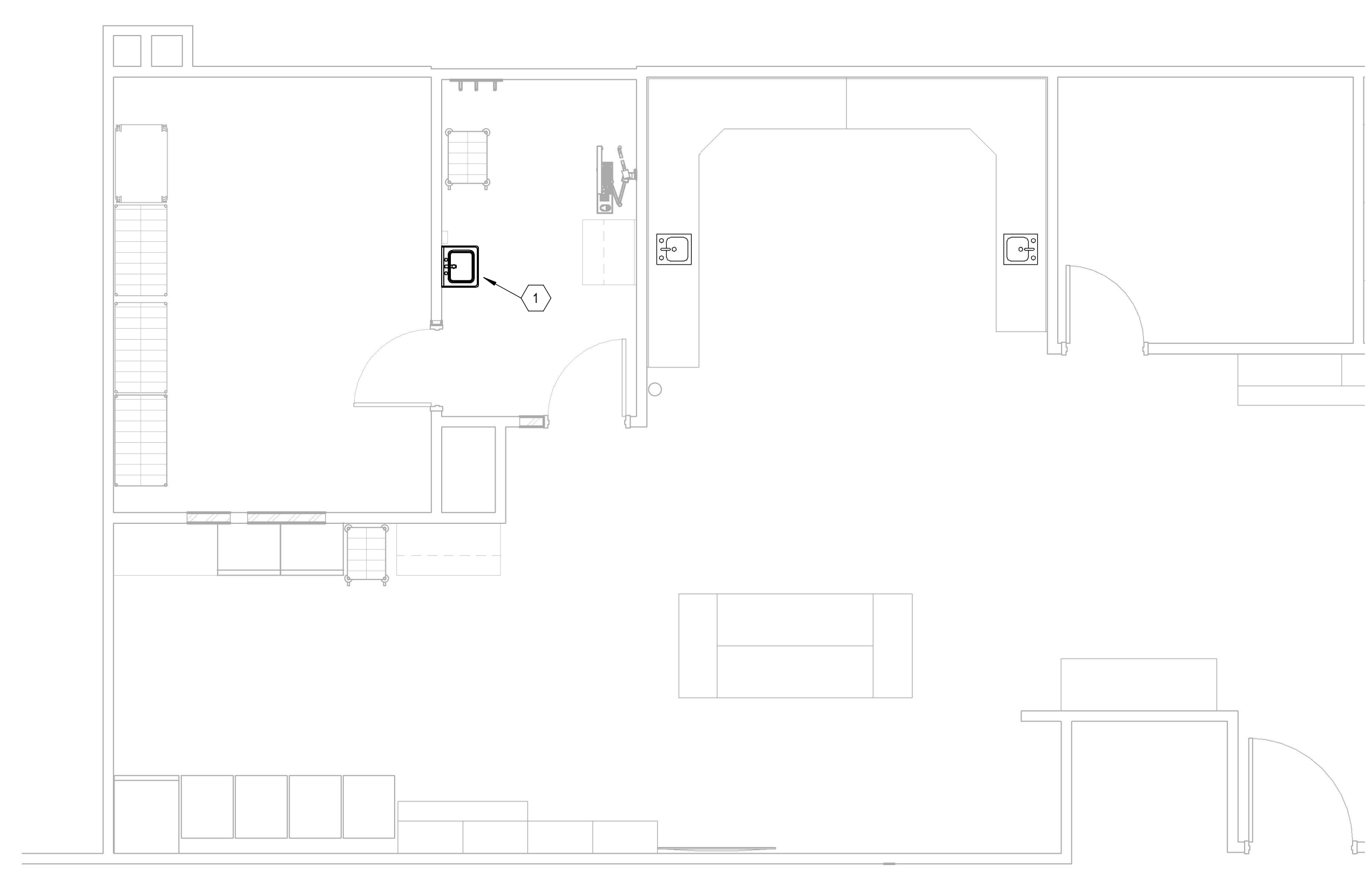
1. DEMOLISH EXISTING SINK.
2. OWNER PROVIDED CONTRACTOR INSTALLED SINK. CONNECT TO EXISTING PLUMBING LINES. RELOCATE EXISTING LINES AS NECESSARY FOR NEW LOCATION.
3. CONTRACTOR TO PROVIDE NEW ISOLATION BALL VALVES FOR ALL DCW AND DHW LINES SERVING FIXTURE.



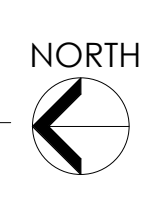
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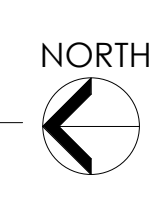
VAN BOERUM & FRANK ASSOCIATES, INC.
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 VBFA Project Number: 19405



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



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



PLUMBING FIXTURE SCHEDULE							
ID	FIXTURE	CW (IN)	HW (IN)	W (IN)	V (IN)	DESCRIPTION	SPECIFICATION
S-1	PATIENT ROOM SINK	1/2	1/2	2	1 1/2	OWNER PROVIDED SCRUB SINK	SCRUB SINK: MAC MEDICAL SURGICAL SCRUB SINK MODEL #SS32 WITH OPTIONAL EYEWASH, TIMER AND MAC MEDICAL IN-WALL CARRIER MODEL # S0001. PROVIDE WITH KNEE OPERATED WATER AND SOAP CONTROLS. WATTS LFUSG-B-M2 THERMOSTATIC MIXING VALVE WITH SLOAN EIT-470-A SINGLE CHECK VALVES ON HOT AND COLD LINES. PROVIDE FLEXIBLE STAINLESS STEEL SUPPLIES WITH WITH LOOSE KEY ANGLE STOPS AND CAST BRASS P-TRAP WITH CLEAN OUT PLUG. OWNER TO PROVIDE JUST THE SINK. CONTRACTOR TO INSTALL OWNER PROVIDED SINK AND PROVIDE ALL REQUIRED EQUIPMENT.

Intermountain Healthcare
Riverton Hospital
 Pharmacy Remodel (USP 797)

3741 West 12600 South
 Riverton, Utah 84065

NJRA Project # 19228.02
 Construction Documents Sep. 10, 2019

LEVEL 1
 PLUMBING
 PLANS

PP101

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
REFERENCE AND LINE SYMBOLS	
01	DETAIL INDICATOR: A5 INDICATES DETAIL NUMBER, E-501 INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN.
02	ELEVATION OR SECTION INDICATOR, EXTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
03	ELEVATION OR SECTION INDICATOR, INTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
04	ROOM NAME
05	KEYNOTE INDICATOR.
06	REVISION INDICATOR.
07	EQUIPMENT INDICATOR.
08	BREAK, STRAIGHT: TO BREAK PARTS OF DRAWING
09	BREAK, ROUND
10	NEW LINE: MEDIUM LINE.
11	HIDDEN FEATURES LINE: HIDDEN, THIN LINE
12	EXISTING TO REMAIN LINE: THIN LINE
13	DEMOLITION LINE: DASHED, MEDIUM LINE
WIRING METHODS	
01	WIRING.
04	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS. USE #12 CONDUCTORS, EXCEPT #10 CONDUCTORS SHALL BE INSTALLED IF DISTANCES EXCEED THOSE SPECIFIED IN THE ELECTRICAL SPECIFICATIONS.
05	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS. NUMBER IN BOX REFERS TO THE CONDUCTOR AND CONDUIT SCHEDULE. FOR BRANCH WIRING USE #12 CONDUCTORS, EXCEPT #10 CONDUCTORS SHALL BE INSTALLED IF DISTANCES EXCEED THOSE SPECIFIED IN THE ELECTRICAL SPECIFICATIONS.
07	FLEXIBLE WIRING.
08	WIRING AND/OR RACEWAY: THIN LINE. WHERE "X" = : CATV = CABLE TELEVISION NC = NURSE CALL CCTV = CLOSED CIRCUIT P = POWER FA = FIRE ALARM RC = RIGID CONDUIT FO = FIBER OPTICS S = SOUND I = INTERCOM T = TELEPHONE TV = TELEVISION OTHERS AS NOTED IN OTHER SCHEDULES. RACEWAYS AND WIRING SHALL BE SIZED AS SHOWN AND/OR SPECIFIED.
09	LOW VOLTAGE WIRING: DIVIDE, MEDIUM LINE.
10	CONDUIT STUB: DIMENSION RECORD DRAWINGS AND MARK.
11	CONDUCTOR & CONDUIT ("CC") SCHEDULE INDICATOR. REFER TO ONE-LINE DIAGRAM.
12	ADA ACCESS PUSH PLATE
13	JUNCTION BOX.
14	JUNCTION BOX, SYSTEMS FURNITURE COMMUNICATION CONNECTION.
15	JUNCTION BOX, SECURITY SYSTEM. PROVIDE CONDUIT AND ROUGH-IN PER SECURITY DRAWINGS.
16	CABLE TRAY ABOVE ACCESSIBLE CEILING.
21	EARTH GROUND (ONE-LINE DIAGRAM).
22	JUNCTION BOX, CEILING.
25	LADDER RACK.
26	MECHANICAL EQUIPMENT CONNECTION. REFER TO EQUIPMENT SCHEDULE FOR REQUIREMENTS.
LIGHTING (REFER TO FIXTURE SCHEDULE FOR SYMBOLS)	
01	FIXTURE IDENTIFICATION: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
02	FIXTURE IDENTIFICATION, EMERGENCY WITH BATTERY PACK CONNECTED TO GENERATOR AS INDICATED: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
03	EMERGENCY.
04	NIGHT LIGHT: DO NOT SWITCH.
05	EGRESS DIRECTION ARROW (EXIT SIGNS).
07	EXIT SIGN: SINGLE FACE, CEILING MOUNTED
08	EXIT SIGN: SINGLE FACE, WALL MOUNTED
09	EXIT SIGN: DOUBLE FACE, CEILING MOUNTED
10	EXIT SIGN: DOUBLE FACE, WALL MOUNTED
LIGHTING CONTROL	
01	OCCUPANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING
02	OCCUPANCY SENSOR, DUAL TECHNOLOGY, WALL
03	OCCUPANCY SENSOR, DUAL TECHNOLOGY, DIRECTIONAL.
06	VACANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
07	VACANCY SENSOR, DUAL TECHNOLOGY, WALL.
08	PHOTOCELL.
18	LOW VOLTAGE DIGITAL LIGHTING CONTROL SWITCH: LETTER "a,b" INDICATES ZONING WHERE SHOWN (REFER TO PLANS, SCHEDULES, AND DETAILS FOR EXACT BUTTON CONFIGURATION AND PROGRAMMING REQUIREMENTS)
19	DIGITAL LIGHTING DIMMING CONTROLLER
20	DIGITAL PLUG LOAD CONTROLLER
21	LIGHTING NETWORK SWITCH.
23	DIGITAL LIGHTING ROOM CONTROLLER
26	LIGHTING SPACE CONTROL TYPE. X INDICATES TYPE. SEE SCHEDULE / DIAGRAM.

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
WIRING DEVICES	
02	RECEPTACLE, DUPLEX: NEMA 5-20R.
03	RECEPTACLE, DUPLEX, ABOVE COUNTER: NEMA 5-20R.
04	RECEPTACLE, DUPLEX, CEILING: NEMA 5-20R.
12	RECEPTACLE, DUPLEX, HOSPITAL GRADE: NEMA 5-20R.
13	RECEPTACLE, DUPLEX ON EMERGENCY POWER: NEMA 5-20R.
14	RECEPTACLE, DUPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R.
16	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R.
17	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R.
18	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R.
19	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R.
22	RECEPTACLE, QUADRAPLEX: NEMA 5-20R.
23	RECEPTACLE, QUADRAPLEX ON EMERGENCY POWER: NEMA 5-20R.
24	RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 5-20R.
25	RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R.
27	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R.
28	RECEPTACLE, SPECIAL PURPOSE. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG.
29	RECEPTACLE, SPECIAL PURPOSE ON EMERGENCY POWER. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG.
33	MULTI-OUTLET ASSEMBLY: NEMA 5-20R.
36	FLUSH FLOOR BOX: "F" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
37	POWER POLE: "P" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
38	FLUSH FIRE RATED POKE THRU: "F" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
39	SWITCH, DIMMER.
40	SWITCH, SINGLE POLE ("X" INDICATES FIXTURES CONTROLLED).
41	SWITCH, DOUBLE POLE ("X" INDICATES FIXTURES CONTROLLED).
42	SWITCH, THREE-WAY ("X" INDICATES FIXTURES CONTROLLED).
43	SWITCH, FOUR-WAY ("X" INDICATES FIXTURES CONTROLLED).
47	SWITCH, MOMENTARY.
51	SWITCH, WEATHERPROOF.
53	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R.
54	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R.
56	RECEPTACLE, SINGLE PLEX, WITH USB OUTLET
57	RECEPTACLE, DULEX, RECESSED, NEMA 5-20R, AUTOMATICALLY CONTROLLED THROUGH TIME OR OCCUPANCY BASED CONTROLS (REFER TO PLANS FOR CONTROL METHOD)
58	RECEPTACLE, QUADRAPLEX, RECESSED, NEMA 5-20R, AUTOMATICALLY CONTROLLED THROUGH TIME OR OCCUPANCY BASED CONTROLS (REFER TO PLANS FOR CONTROL METHOD)
59	INDICATES A RECEPTACLE IS AUTOMATICALLY CONTROLLED THROUGH TIME OR OCCUPANCY BASED CONTROLS (REFER TO PLANS FOR CONTROL METHOD)
STRUCTURED CABLING IHC	
01	IHC COMMUNICATIONS DEVICE (1 DATA).
02	IHC COMMUNICATIONS DEVICE (1 DATA / 1 ANALOG).
03	IHC COMMUNICATIONS DEVICE (1 DATA WALL PHONE).
04	IHC COMMUNICATIONS DEVICE (2 DATA).
05	IHC COMMUNICATIONS DEVICE (3 DATA).
06	IHC COMMUNICATIONS DEVICE (4 DATA).
07	IHC COMMUNICATIONS DEVICE (6 DATA).
08	IHC COMMUNICATIONS DEVICE PHYSIOLOGICAL MONITOR (1 DATA).
09	IHC COMMUNICATIONS DEVICE WIRELESS ACCESS POINT (2 DATA).
NURSE CALL	
01	JUNCTION BOX.
02	CORRIDOR LIGHT.
03	BATHROOM PULL CORD STATION.
04	DUTY STATION.
05	EMERGENCY ASSISTANCE CALL STATION.
06	EMERGENCY ASSISTANCE CODE BLUE CALL STATION.
07	PATIENT STATION.
09	TOUCH SCREEN NURSE CALL MASTER STATION.
TV DISTRIBUTION	
01	TV DISTRIBUTION CABLE, INDIVIDUAL DROPS.
02	TV DISTRIBUTION CABLE, TRUNK.
04	DIRECTIONAL COUPLER.
05	DISTRIBUTION AMPLIFIER (ONE-LINE DIAGRAM).
06	SPLITTER (ONE-LINE DIAGRAM).
07	TV OUTLET.

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
ELECTRICAL POWER AND DISTRIBUTION	
01	FUSE WITH RATING (ONE-LINE DIAGRAM).
02	DISCONNECT, FUSED (ONE-LINE DIAGRAM).
03	DISCONNECT, NONFUSED (ONE-LINE DIAGRAM).
04	DISCONNECT WITH FUSE AND MOTOR STARTER COMBINATION (ONE-LINE DIAGRAM).
05	OVERLOAD RELAY (ONE-LINE DIAGRAM).
06	STARTER (ONE-LINE DIAGRAM).
07	CIRCUIT BREAKER, MOLDED CASE (ONE-LINE DIAGRAM).
08	CIRCUIT BREAKER, MOLDED CASE WITH SHUNT TRIP (ONE-LINE DIAGRAM).
10	CIRCUIT BREAKER, SOLID STATE (ONE-LINE DIAGRAM).
11	CIRCUIT BREAKER, SOLID STATE WITH GROUND FAULT PROTECTION (ONE-LINE DIAGRAM).
12	MOTOR.
16	TRANSFORMER (ONE-LINE DIAGRAM).
20	DELTA CONNECTION (ONE-LINE DIAGRAM).
21	WYE CONNECTION (ONE-LINE DIAGRAM).
23	PANELBOARD WITH MAIN LUGS ONLY. BUS SIZE AND PHASE AS SHOWN (ONE-LINE DIAGRAM).
24	PANELBOARD WITH MAIN CIRCUIT BREAKER. SIZE AND PHASE AS SHOWN (ONE-LINE DIAGRAM).
25	PANELBOARD WITH MAIN AND SUB FEED CIRCUIT BREAKER (ONE-LINE DIAGRAM).
26	PANELBOARD WITH MAIN LUGS ONLY AND SURGE PROTECTION WITH CIRCUIT BREAKER (ONE-LINE DIAGRAM).
29	PANELBOARD WITH SUB FEED LUGS (ONE-LINE DIAGRAM).
30	PANELBOARD WITH CIRCUIT BREAKER AND SUB FEED LUGS (ONE-LINE DIAGRAM).
31	CT CABINET PER UTILITY'S REQUIREMENTS (ONE-LINE DIAGRAM).
32	TRANSFER SWITCH (ONE-LINE DIAGRAM).
35	DIGITAL MULTIMETER (ONE-LINE DIAGRAM).
36	GENERATOR, POWER (ONE-LINE DIAGRAM).
38	METER.
39	VARIABLE FREQUENCY MOTOR CONTROLLER (ONE-LINE DIAGRAM).
41	DISCONNECT SWITCH, FUSED.
42	DISCONNECT SWITCH, UNFUSED.
43	STARTER, COMBINATION WITH DISCONNECT SWITCH.
44	STARTER OR MOTOR CONTROLLER.
45	PUSHBUTTON.
46	PUSHBUTTONS, MOTOR CONTROL.
47	PANELBOARD CABINET, FLUSH MOUNTED.
48	PANELBOARD CABINET, SURFACE MOUNTED, 1 SECTION.
49	PANELBOARD CABINET, SURFACE MOUNTED, 2 SECTION.
50	DISTRIBUTION PANEL OR SWITCHBOARD.
51	LIGHTING RELAY, CONTACTOR PANEL, OR DIMMING ENCLOSURE.
52	LIGHTING CONTROL STATION.
55	SWITCH, TOGGLE MOTOR STARTER WITH OVERLOAD PROTECTION.
56	TRANSFORMER: NUMBER INDICATES KVA.

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
SECURITY	
01	SECURITY CABLE. SEE EQUIPMENT SCHEDULE FOR CABLE TYPE.
02	ACCESS CONTROL HEADEND EQUIPMENT.
03	SECURITY CONTROL PANEL.
04	INTRUSION DETECTION HEADEND EQUIPMENT.
05	CARD ACCESS DOOR TYPE #1 OR AS NOTED. SEE SCHEDULE.
06	CARD READER.
07	KEYPAD/CARD READER COMBINATION.
CCTV	
01	CCTV CABLE, POWER.
02	CCTV CABLE, VIDEO SIGNAL.
03	CCTV HEADEND EQUIPMENT.
04	CCTV MONITOR.
05	CCTV CAMERA ENCLOSURE WITH LENS, TYPICAL. SEE SCHEDULE.
06	CCTV CAMERA WITH PAN, TILT AND ZOOM.
07	PANNING CAMERA TRANSVERSE ANGLE.
TECHNOLOGY SYSTEMS	
01	TECHNOLOGY SYSTEM CABLE. SEE SPECIFIC JOB EQUIPMENT LIST FOR APPLICABLE DESIGNATIONS. EXAMPLES: C = CONTROL CABLE G = GROUND CABLE, 10 AWG, 1 CONDUCTOR, GREEN I = INSULATED M = MICROPHONE CABLE S = SPEAKER CABLE, 70 VOLT SYSTEM Z = SPEAKER CABLE, 8 OHM SYSTEM
02	SPEAKER, CEILING MOUNTED.
03	SPEAKER, WALL MOUNTED.
21	EQUIPMENT CABINET.
40	CONNECTION PANEL.
FIRE ALARM	
01	FIRE SYSTEM ANNUNCIATOR.
02	FIRE ALARM CONTROL PANEL, SEMI-RECESSED.
03	FIRE ALARM NOTIFICATION POWER SUPPLY.
04	FIRE ALARM TRANSDUCER OR TRANSMITTER.
05	SMOKE CONTROL PANEL.
06	AUTOMATIC DOOR CLOSERS: DOOR CLOSERS SHALL BE FURNISHED WITH DOOR HARDWARE AND CONNECTED TO BY FIRE ALARM INSTALLERS.
07	CONTROL MODULE.
08	MONITOR MODULE.
09	FIRE ALARM MANUAL PULL STATION.
10	SHUT DOWN RELAY: INSTALL RELAY IN CONTROL CIRCUIT OF EQUIPMENT TO BE CONTROLLED IN THE EVENT OF A FIRE.
11	MAGNETIC DOOR HOLDER.
12	FIRE SERVICE OR EMERGENCY TELEPHONE STATION, ACCESSIBLE.
13	FIRE SERVICE OR EMERGENCY TELEPHONE STATION, HANDSET.
14	FIRE SERVICE OR EMERGENCY TELEPHONE STATION, JACK.
15	DETECTOR, SMOKE.
22	DETECTOR, SMOKE, DUCT WITH HOUSING AND SAMPLING TUBE.
23	DETECTOR, HEAT.
24	INDICATOR LAMP.
25	STROBE.
26	STROBE: SUBSCRIPT INDICATES CANDELA RATING.
27	ALARM, HORN/SPEAKER, WEATHERPROOF.
28	ALARM, HORN/STROBE, ONE ASSEMBLY.
35	DETECTOR, FLOW SWITCH: FLOW SWITCHES SHALL BE PROVIDED AND INSTALLED WITH FIRE SPRINKLER SYSTEM AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
36	DETECTOR, TAMPER SWITCH WITH VALVE: TAMPER SWITCHES SHALL BE PROVIDED AND INSTALLED WITH FIRE SPRINKLER SYSTEM AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
37	SMOKE DAMPER.
38	FIRE AND SMOKE DAMPER.
39	BELL (GONG).
40	DETECTOR, CARBON MONOXIDE.
41	DETECTOR, SMOKE/STROBE, RESIDENTIAL.
42	ALARM, HORN/STROBE, ONE ASSEMBLY, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
43	ALARM, HORN, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
44	ALARM, STROBE, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.

ABBREVIATIONS			
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.			
1P	SINGLE POLE	KV	KILOVOLT
1PH	SINGLE-PHASE	KVA	KILOVOLT AMPERE
1WAY	ONE-WAY	KVAR	KILOVOLT AMPERE REACTIVE
2C	TWO-CONDUCTOR	KWATT	KILOWATT
2WAY	TWO-WAY	KWH	KILOWATT HOUR
3C	THREE-CONDUCTOR	LED	LIGHT EMITTING DIODE
3WAY	THREE-WAY	LFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
4OUT	QUADRUPLER RECEPTACLE OUTLET	LFNC	LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT
4PD	FOUR-POLE DOUBLE THROW	LPS	LOW PRESSURE SODIUM
4PT	FOUR-POLE SINGLE THROW	LRA	LOCKED ROTOR AMPS
4W	FOUR-WIRE	LTG	LIGHTING
4WAY	FOUR-WAY	LV	LOW VOLTAGE
A	ABOVE COUNTER	MATV	MASTER ANTENNA TELEVISION SYSTEM
AC	ARMORED CABLE	MAX	MAXIMUM
ADA	AMERICANS WITH DISABILITIES ACT	MC	METAL CLAD
ADJ	ADJACENT	MCA	MINIMUM CIRCUIT AMPS
AFF	ABOVE FINISHED FLOOR	MCB	MAIN CIRCUIT BREAKER
AFG	ABOVE FINISHED GRADE	MCC	MOTOR CONTROL CENTER
AIC	AMPERE INTERRUPTING CAPACITY	MCP	MOTOR CIRCUIT PROTECTION
ALUM	ALUMINUM	MDP	MAIN DISTRIBUTION PANEL
AMP	AMPERE	MG	MOTOR GENERATOR
ANN	ANNUNCIATOR	MH	MANHOLE
AN	ACCESS POINT (WIRELESS DATA)	MIN	MINIMUM
AR	AS REQUIRED	MLO	MAIN LUGS ONLY
ASC	AMPS SHORT CIRCUIT PROTECTION	MOCPP	MAXIMUM OVERCURRENT PROTECTION
ATS	AUTOMATIC TRANSFER SWITCH	NA	NOT APPLICABLE
AV	AUDIO VISUAL	NC	NORMALLY CLOSED
AWG	AMERICAN WIRE GAGE	NEC	NATIONAL ELECTRICAL CODE
BB	BELT-BOOST TRANSFORMER	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
BXM	BULB MOUNTED	NFC	NATIONAL FIRE CODE
C	COMMUNITY ANTENNA TELEVISION	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
CATV	CIRCUIT BREAKER	NIC	NOT IN CONTACT
CB	CUSTOM COLOR AS SELECTED BY ARCHITECT	NO	NORMALLY OPEN
CBFA	CLOSED CIRCUIT TELEVISION CONTRACTOR INSTALLED	NTS	NOT TO SCALE
CCTV	CLOSED CIRCUIT TELEVISION CONTRACTOR FURNISHED/OWNER INSTALLED	OC	ON CENTER
CF/CI	CONTRACTOR INSTALLED/OWNER INSTALLED	OCF	OVER CURRENT PROTECTION CONTRACTOR INSTALLED
CF/CI	CONTRACTOR FURNISHED/OWNER INSTALLED	OF/CI	OWNER FURNISHED/OWNER INSTALLED
CFBA	CUSTOM FINISH AS SELECTED BY ARCHITECT	OFF	OBTAIN FROM PLANS
CKT	CIRCUIT	OH DR	OVERHEAD (COILING) DOOR
CM	CONSTRUCTION MANAGER	OL	OVERLOAD
CM	CONDUIT	OP	OVERHEAD PROHIBITION
CO	CONVENIENCE OUTLET	PF	POWER FACTOR
COR	CONTRACTING OFFICER'S REPRESENTATIVE	PH	PHASE
CP	CONTROL PANEL	PNL	PANEL
CT	CURRENT TRANSFORMER	PT	POTENTIAL TRANSFORMER
CTV	CABLE TELEVISION	PTZ	PANTILT/ZOOM
CUP	COPPER	QTY	QUANTITY
DBA	UNIT OF SOUND LEVEL	R	REMOVE
DPDT	DOUBLE POLE, DOUBLE THROW	RCP	REFLECTED CEILING PLAN
DS	DISCONNECT SWITCH	RMC	RIGID METAL CONDUIT
EA	EACH	RNC	RIGID NONMETAL CONDUIT
EM	EMERGENCY	RRM	REVOLUTIONS PER MINUTE
EMT	ELECTRICAL METALLIC TUBING	RR	REMOVE AND RELOCATE
ENT	ELECTRIC NONMETALLIC TUBING	SIS	START/STOP
EPO	EMERGENCY POWER OFF EQUIPMENT	SCA	SHORT CIRCUIT AMPS
EQ	EQUIPMENT	SCBA	STANDARD COLOR AS SELECTED BY ARCHITECT
EX	EXISTING	SF	SQUARE FOOT (FEET)
F	FURNITURE MOUNTED	SFBA	STANDARD FINISH AS SELECTED BY ARCHITECT
FA	FIRE ALARM	SPD	SURGE PROTECTIVE DEVICE
FCA	FIRE ALARM CONTROL PANEL	SPOT	SINGLE POLE, DOUBLE THROW
FIA	FULL LOAD AMPS	SPEC	SPECIFICATION
FMC	FLEXIBLE METAL CONDUIT	SPST	SINGLE POLE, SINGLE THROW
FOB	FREIGHT ON BOARD	ST	SWITCH THROW
FVNR	FULL VOLTAGE NONREVERSING	SWB	SWITCHBOARD
FVR	FULL VOLTAGE REVERSING	SWD	SWITCHGEAR
G	GROUND	TL	TWIST LOCK
GEN	GENERATOR	TP	TELEPHONE POLE
GFI	GROUND FAULT INTERRUPTER	TP	TWISTED PAIR
GFP	GROUND FAULT PROTECTION	TTB	TELEPHONE TERMINAL BOARD
HD	HEAVY DUTY	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
HID	HIGH INTENSITY DISCHARGE	TYP	TYPICAL
HOA	HAND-OFF-AUTOMATIC	UGND	UNDERGROUND
HP	HORSE POWER	UPS	UNINTERRUPTIBLE POWER SUPPLY
HPS	HIGH POWER FACTOR	V	VOLTS
HVF	HIGH VOLTAGE	VA	VOLT AMPERE
HZ	HERTZ	VFCV/F	VARIABLE FREQUENCY MOTOR CONTROLLER
IO	INPUT/OUTPUT	W	WATT
IG	ISOLATED GROUND	WO	WITHOUT
IMC	INTERMEDIATE METAL CONDUIT	WP	WEATHERPROOF
INIS	INSULATED/ISOLATED	XFMR	TRANSFORMER
IR	INFRARED		
J	JUNCTION BOX		

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

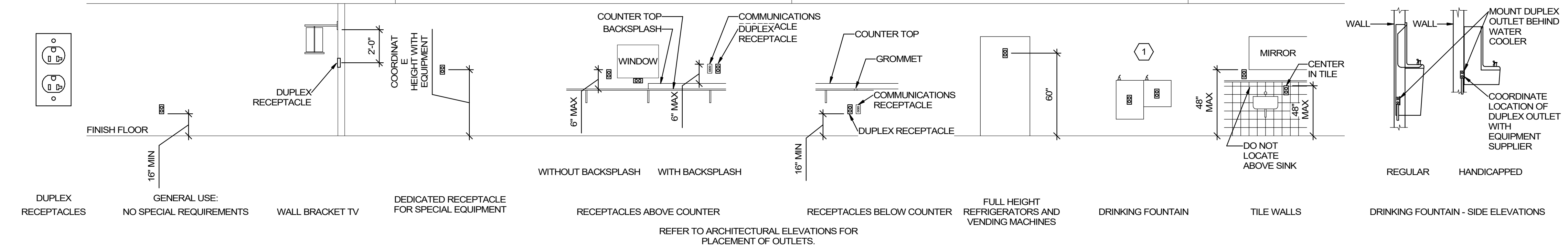


GENERAL SHEET NOTES

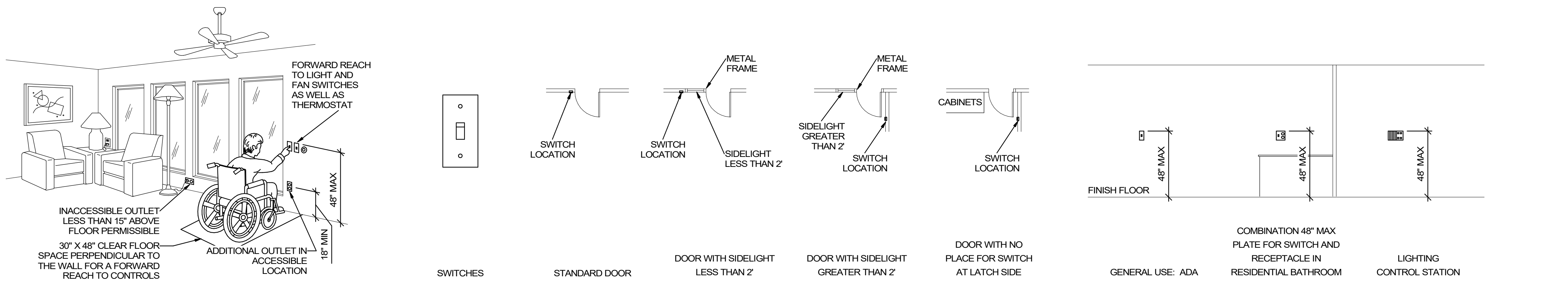
1. DETERMINE MOUNTING HEIGHTS OF ELECTRICAL AND ELECTRONIC EQUIPMENT IN THE FOLLOWING ORDER OF PRIORITY:
1 - ELEVATIONS (ARCHITECTURAL, ELECTRICAL, MECHANICAL, ETC.)
2 - EQUIPMENT SHOP DRAWINGS.
3 - FIELD INSTRUCTIONS.
2. LOCATE RECEPTACLES SERVING THE SAME TYPE OF USE AT A UNIFORM HEIGHT UNLESS DIRECTED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

SHEET KEYNOTES

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

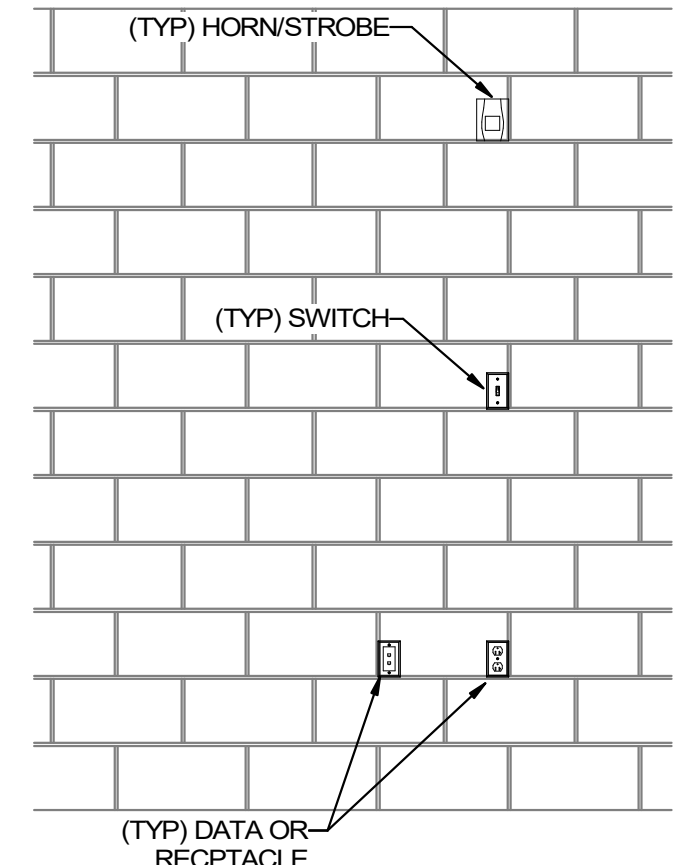


E2 RECEPTACLE MOUNTING DETAILS
SCALE: NTS



D2 ADA DETAIL
SCALE: NTS

D3 SWITCH MOUNTING DETAILS
SCALE: NTS

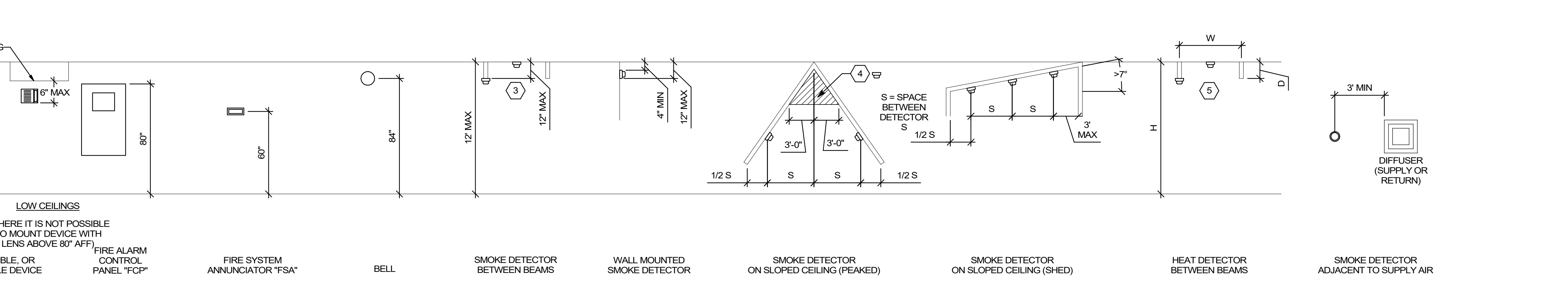


NOTE: ALL DEVICES SHALL BE INSTALLED AND LOCATED IN THE BLOCK CONSISTENTLY THROUGH OUT THE BUILDING.

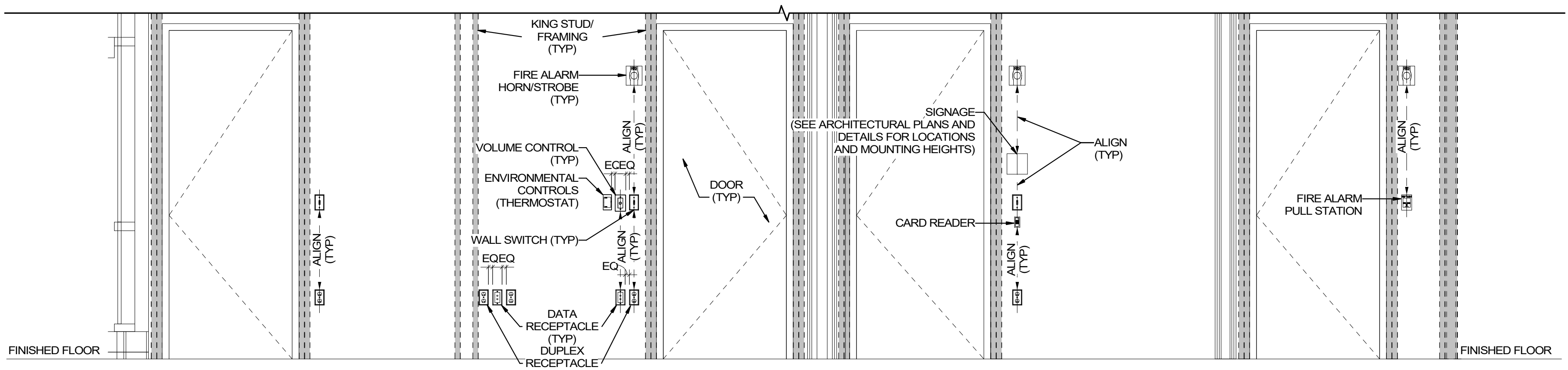
C1 CMU DEVICE MOUNTING ALIGNMENT DETAIL
SCALE: NTS

C2 LIGHTING MOUNTING DETAILS
SCALE: NTS

C3 COMMUNICATIONS MOUNTING DETAILS
SCALE: NTS



B1 FIRE ALARM MOUNTING DETAILS
SCALE: NTS



A2 TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL
SCALE: NTS

A1 BOX MOUNTING DETAILS
SCALE: NTS

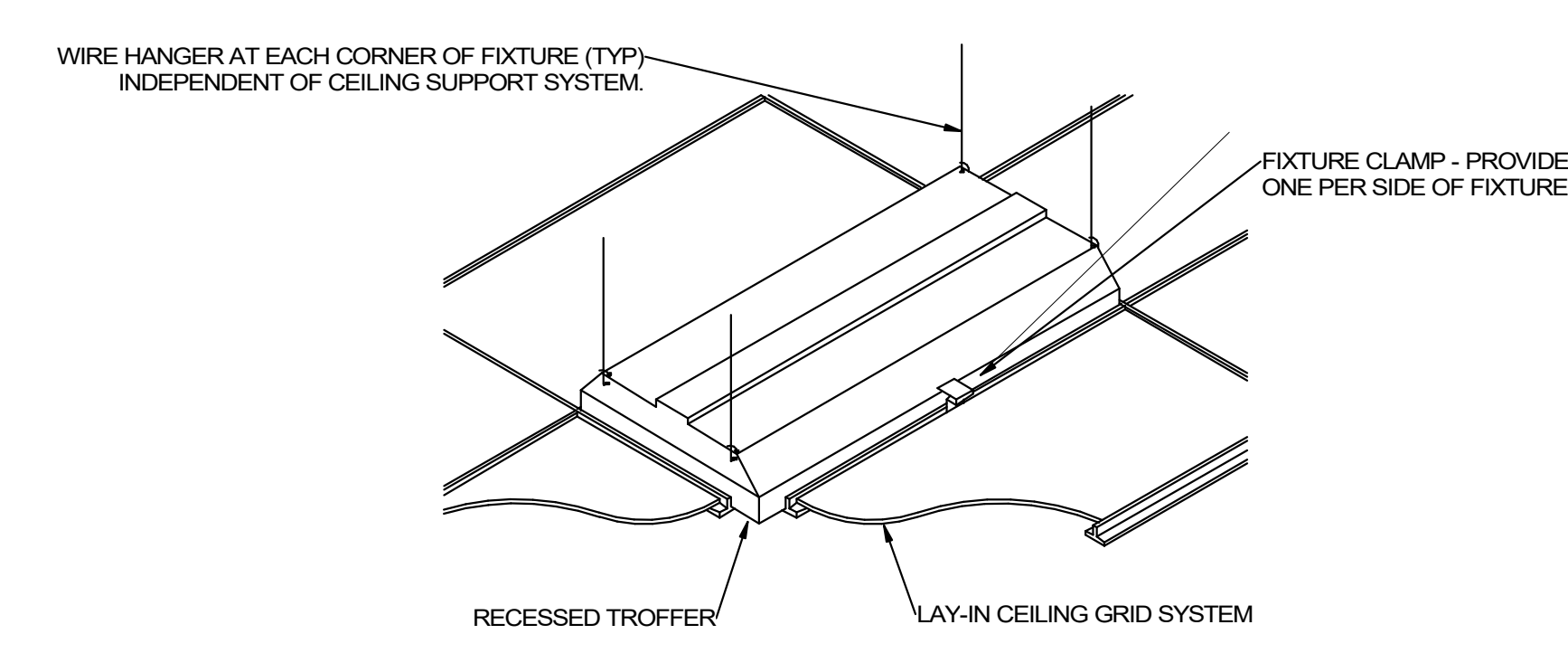
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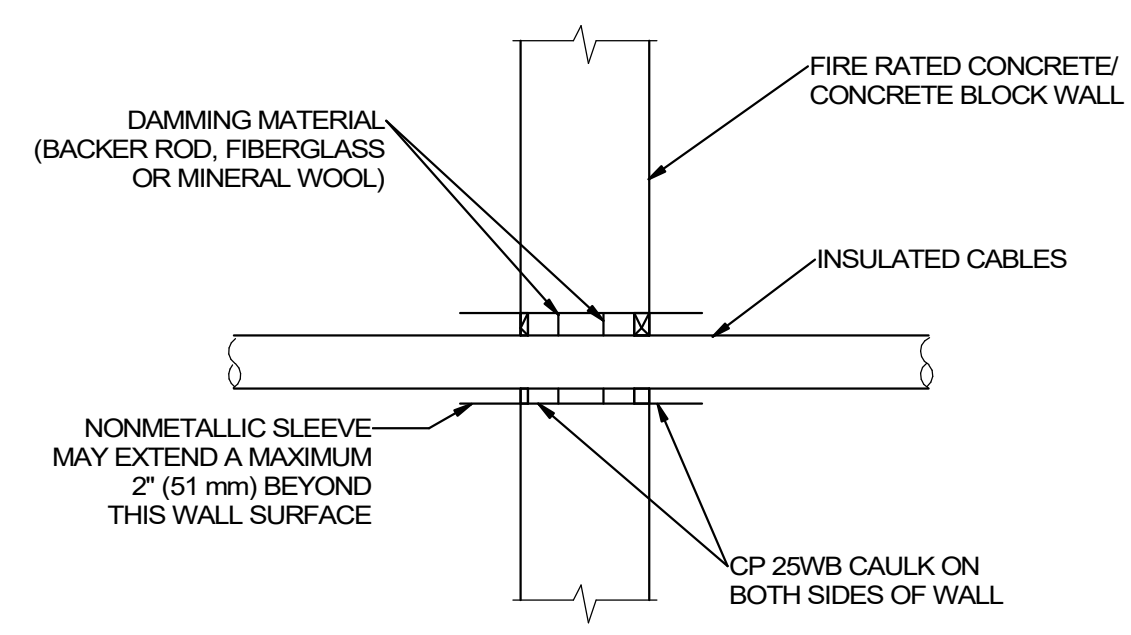
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TYPICAL MOUNTING HEIGHT DETAILS

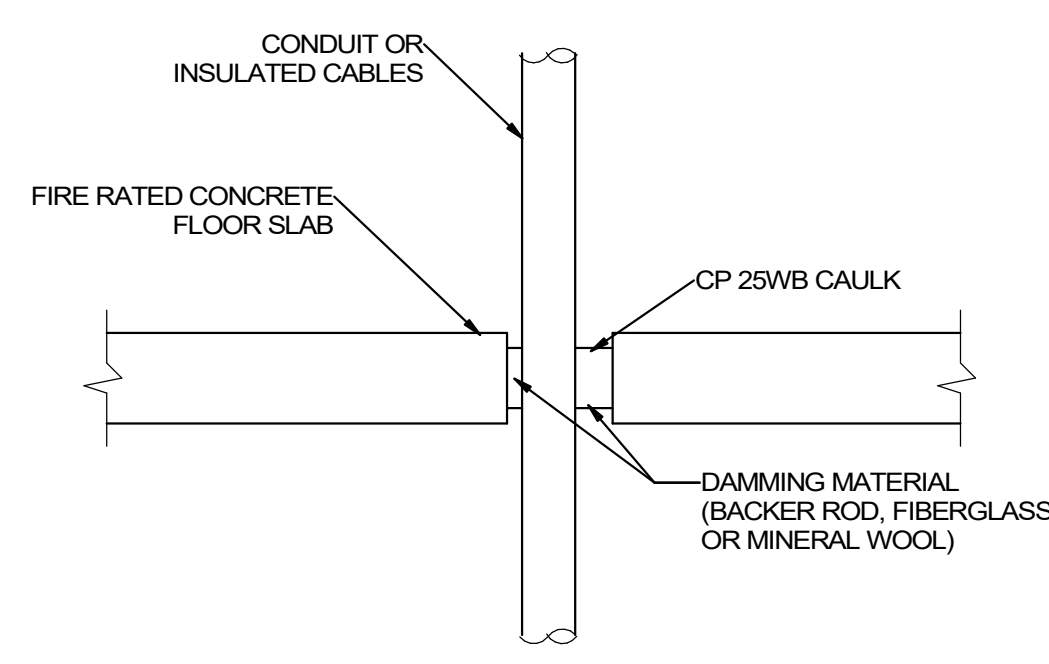
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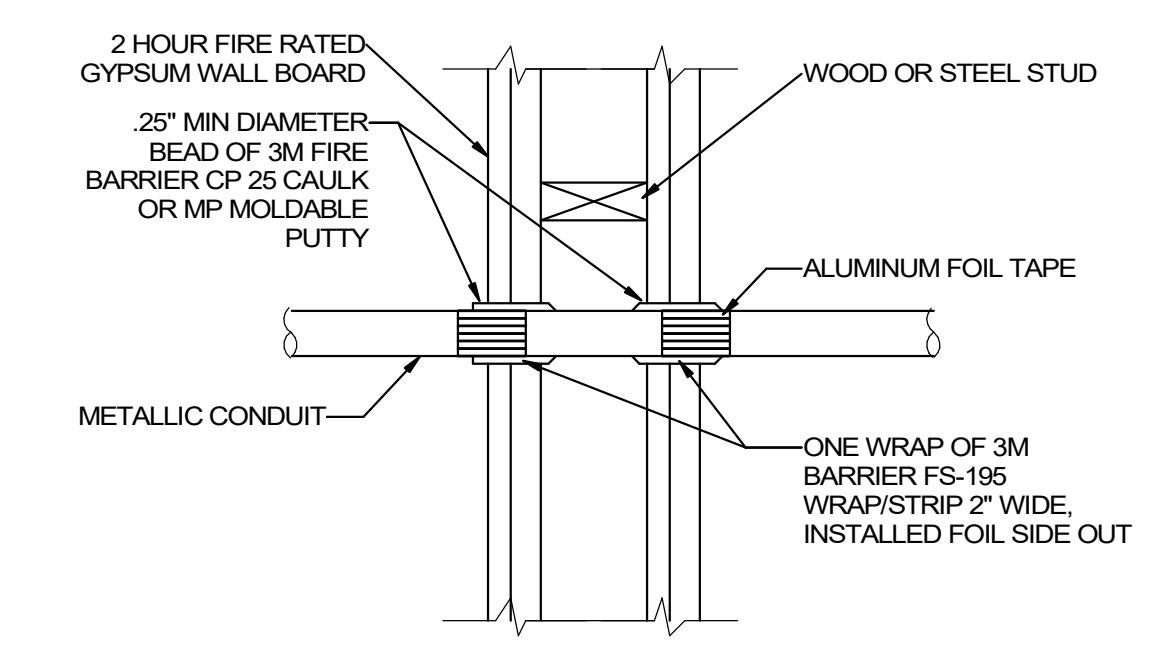
4 RECESSED FIXTURE MOUNTING DETAIL
SCALE: NTS



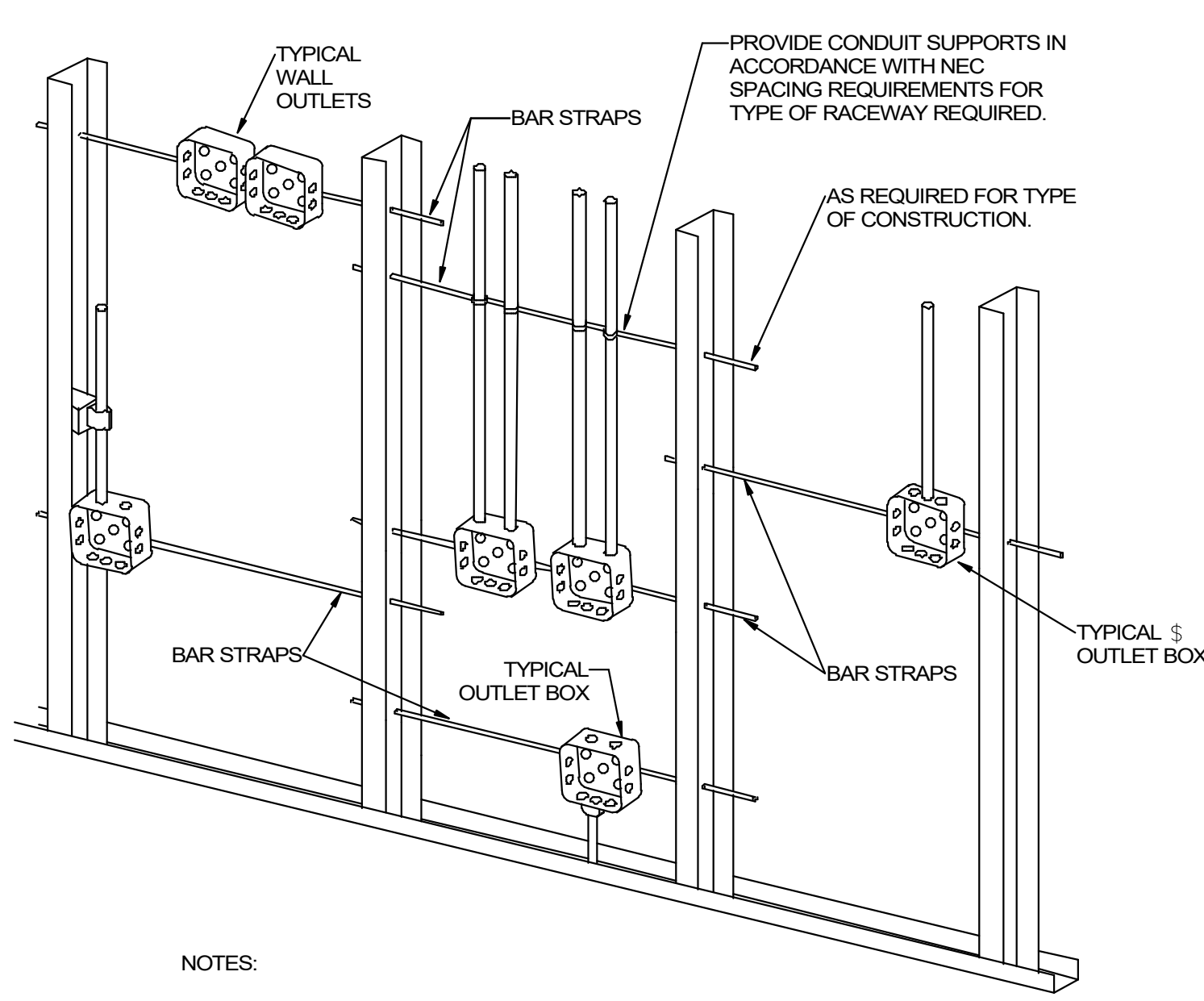
5 TYPICAL FIRE STOP FOR CABLES/CONDUIT THROUGH CONCRETE WALLS
SCALE: NTS



6 TYPICAL FIRE STOP FOR CABLES/CONDUIT THROUGH CONCRETE FLOORING
SCALE: NTS

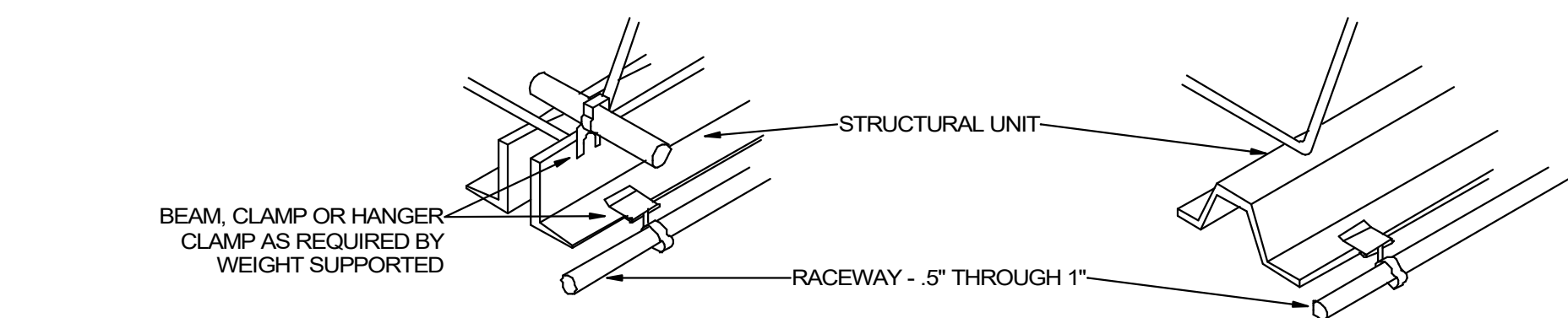
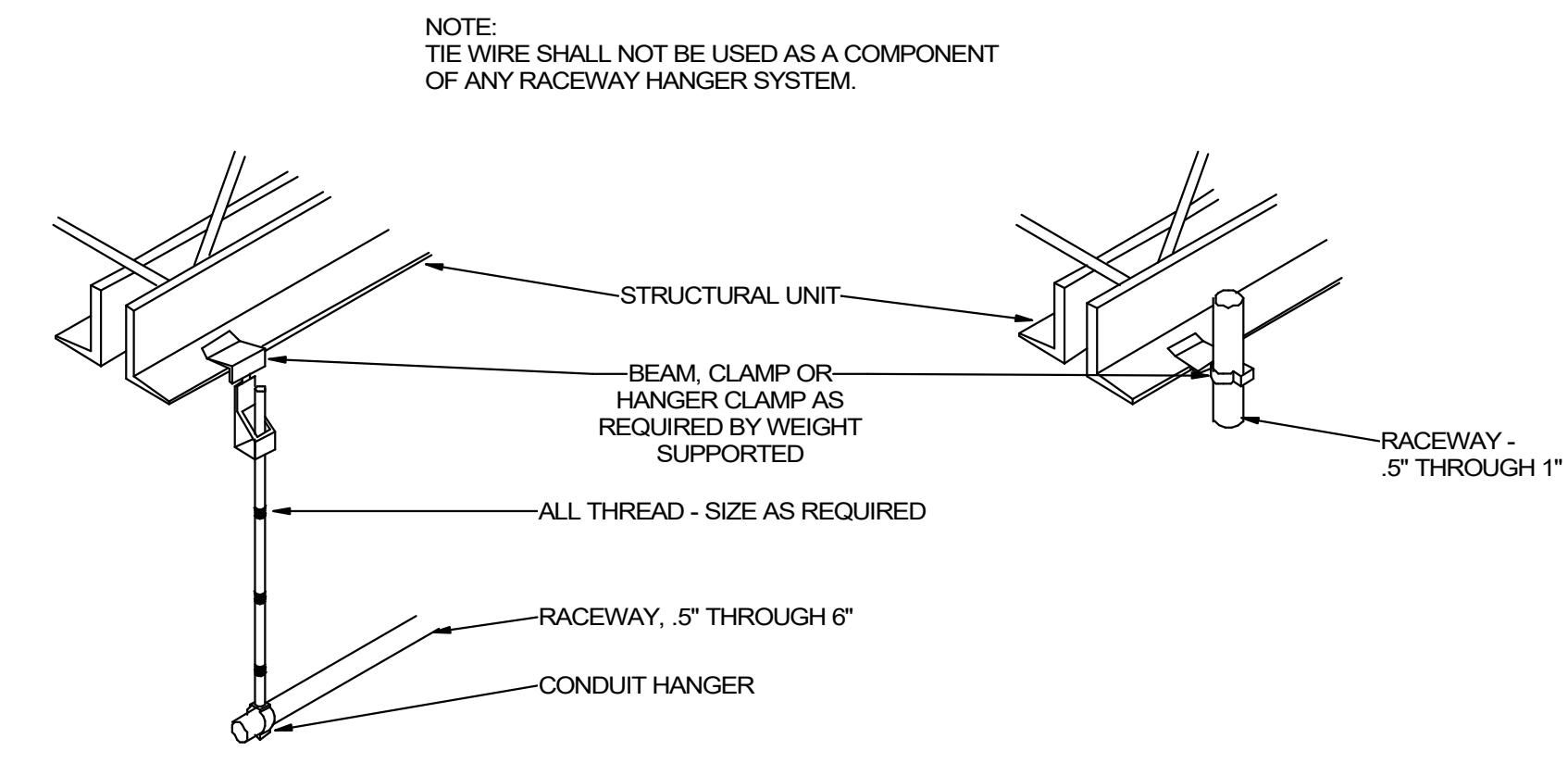


7 FIRE STOP FOR METAL CONDUIT THROUGH GYPSUM WALL BOARD
SCALE: NTS

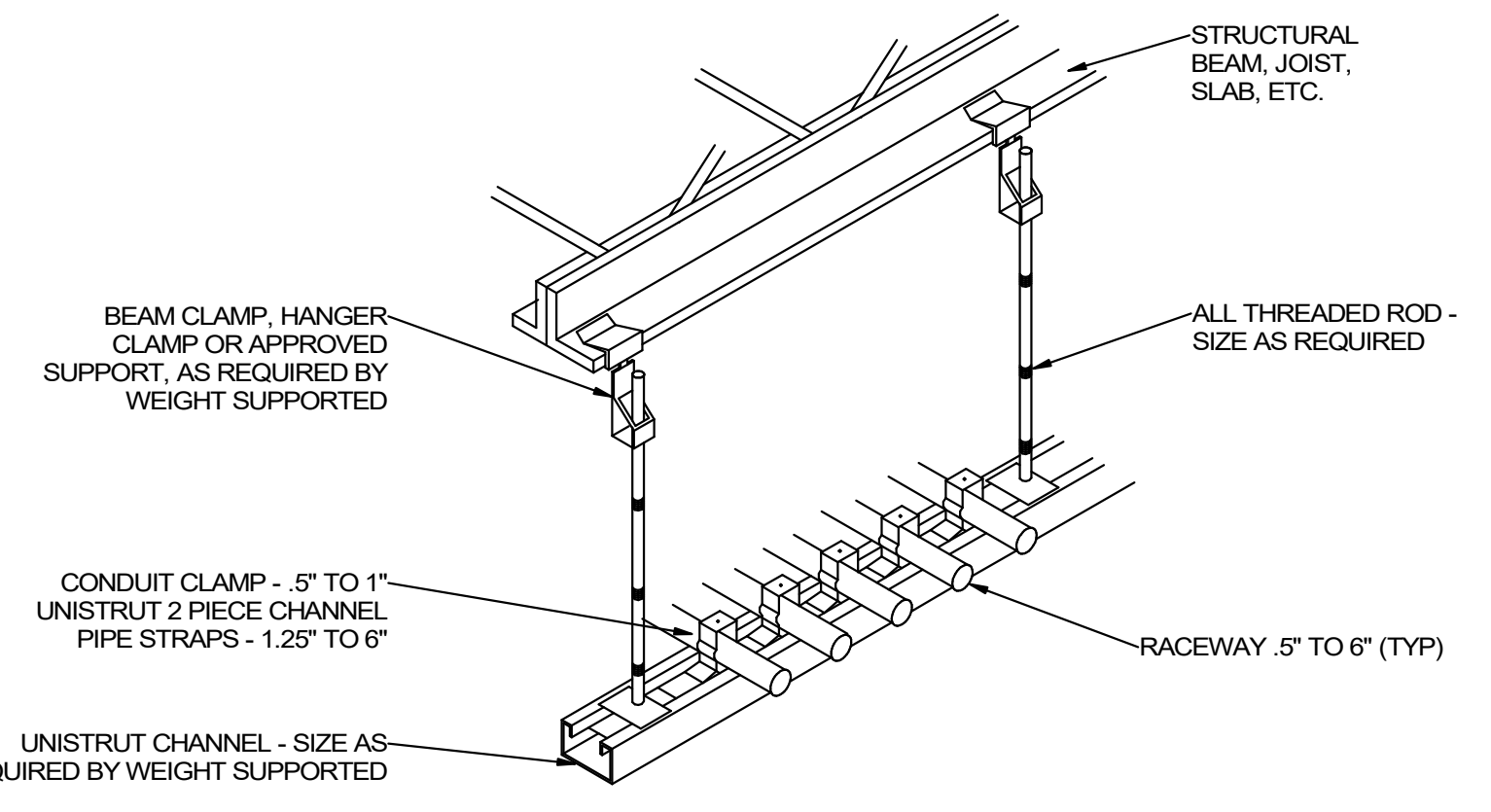


- NOTES:
1. TYPICAL FOR WOOD AND METAL STUD ROUGH-IN.
 2. PLASTER RINGS NOT SHOWN.
 3. LOCATE ALL OUTLET BOXES IN ACCORDANCE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND WITH ALL APPLICABLE SHOP DRAWINGS.
 4. IN ACCORDANCE WITH IBC 714.3.2 EXCEPTION 1, OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS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

1 TYPICAL ROUGH-IN REQUIREMENTS DETAIL
SCALE: NTS



2 TYPICAL RACEWAY SUPPORT METHODS DETAIL
SCALE: NTS



3 TYPICAL CONDUIT RACK DETAIL
SCALE: NTS

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



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OVERALL
POWER PLAN

EP100

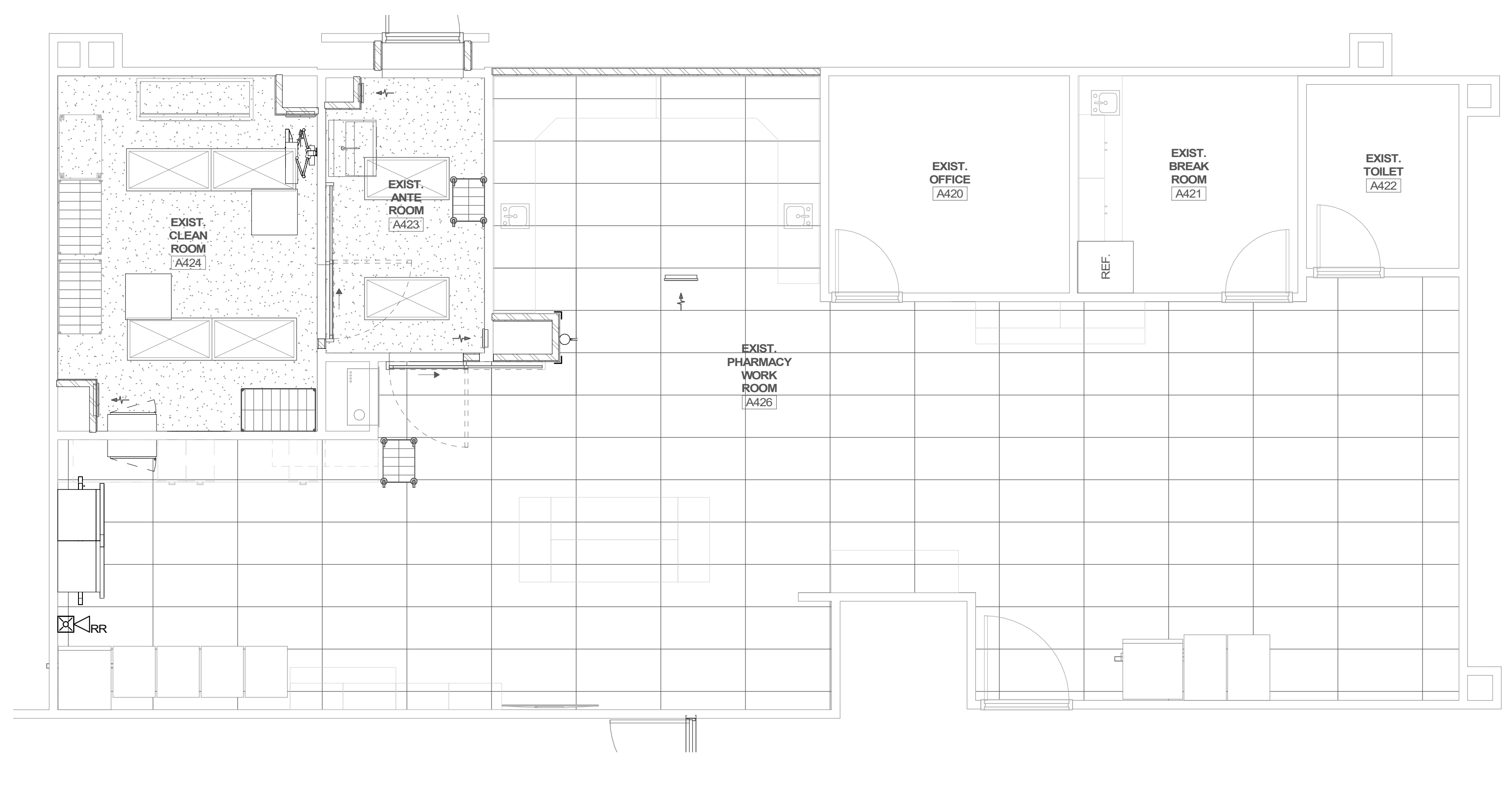
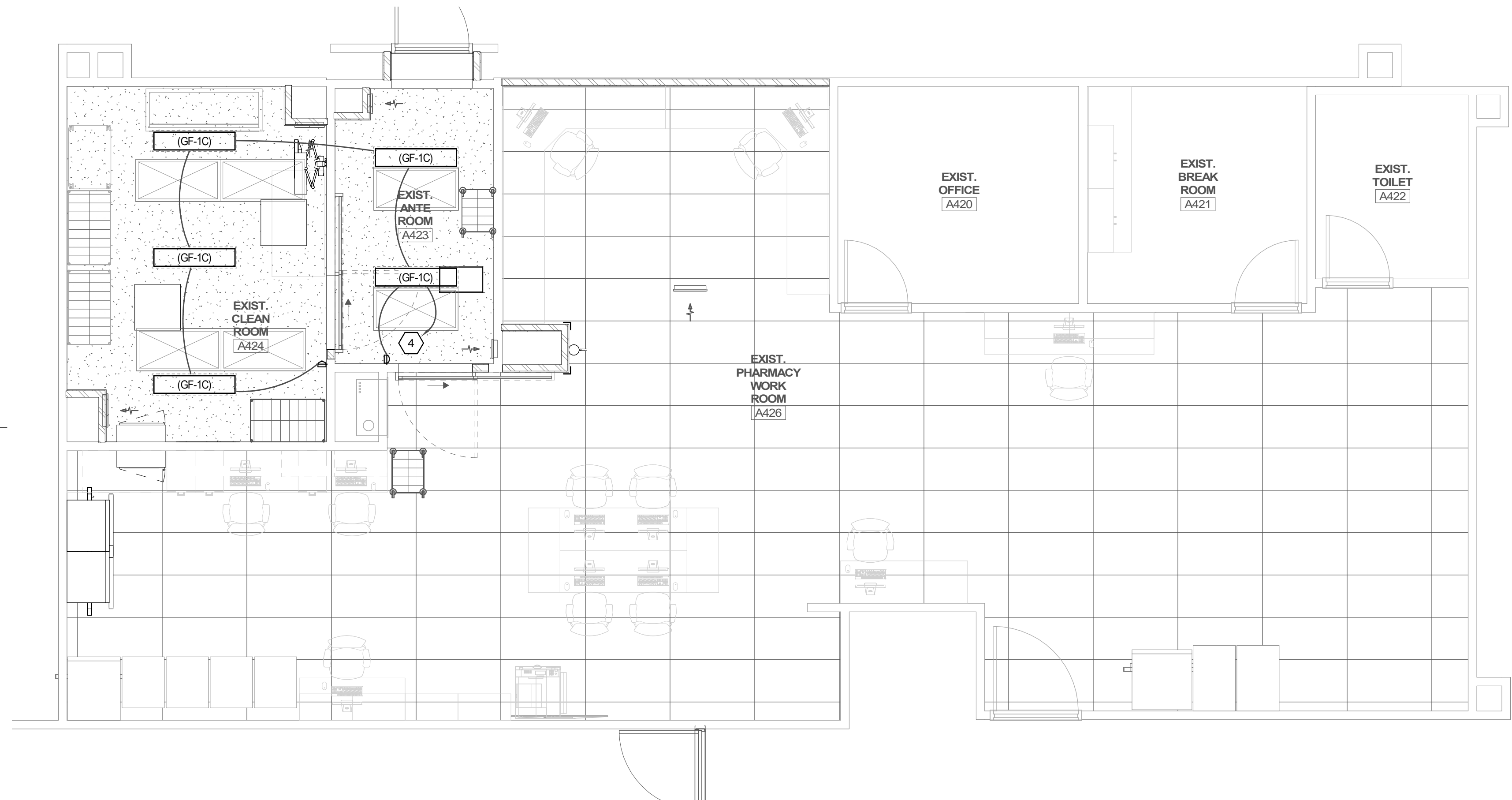


◇ SHEET KEYNOTES
1 PROVIDE 120V CIRCUIT FOR DOOR.
2 PROVIDE 120V CIRCUIT FOR SCRUB SINK.
3 PROVIDE 120V CIRCUIT FOR PASS-THROUGH.
4 CONNECT TO THE EXISTING LIGHTING CIRCUIT THAT PREVIOUSLY FED THIS SPACE.
5 CONNECT TO EXISTING 120V RECEPTACLE CIRCUIT.

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

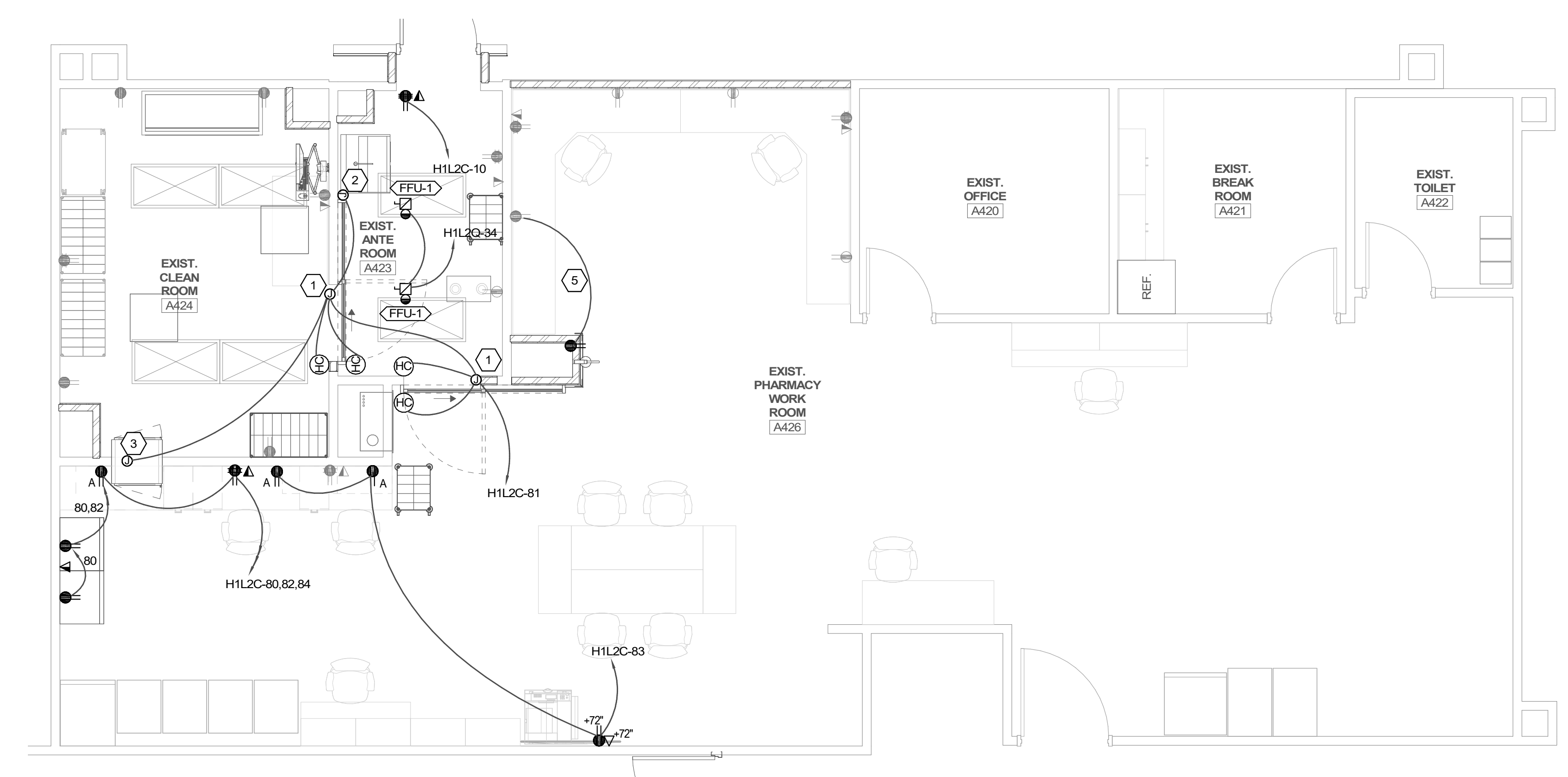
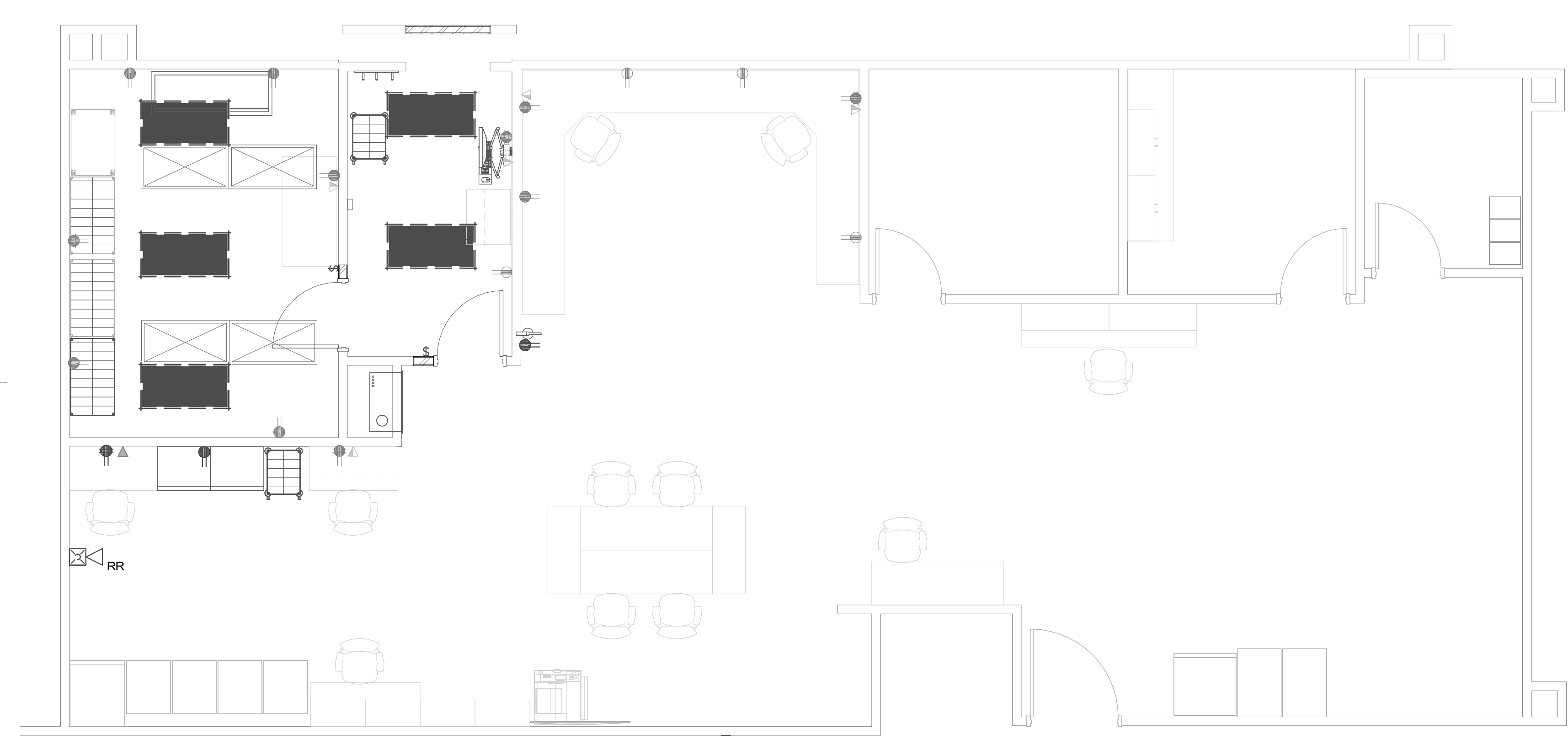
DEMOLITION SHEET NOTES
7 REMOVE ALL FIRE ALARM DEVICES WHERE EXISTING WALLS AND CEILING ARE BEING REMOVED. WITH ASSOCIATED CONDUIT AND WIRING. EXISTING FIRE ALARM DEVICES AND SYSTEM NOT INDICATED FOR REMOVAL SHALL REMAIN ACTIVE THROUGHOUT DEMOLITION AND CONSTRUCTION UNTIL THE NEW SYSTEM IS TESTED AND OPERATIONAL. MAINTAIN ALL CLASS A FIRE ALARM INITIATING AND INDICATING LOOPS WHERE EXISTING DEVICES ARE REMOVED.
8 REMOVE ALL ABANDONED RACEWAY, CONDUIT, WIRING AND CABLEING WHETHER ABANDONED PREVIOUS TO THIS PROJECT OR AS A RESULT OF THIS PROJECT. NOT ALL ABANDONED ITEMS ARE SHOWN ON THESE PLANS AND FIELD VERIFICATION OF DEMOLITION SCOPE EXTENT IS REQUIRED.
9 DEVICES MARKED "RR" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION.

GENERAL SHEET NOTES
1 PROVIDE A DEDICATED NEUTRAL FOR ALL BRANCH CIRCUITS.
2 ALL RECEPTACLES INSTALLED WITHIN 6" OF THE EDGE OF A SINK SHALL BE GFCI PROTECTED.
3 PROVIDE NEW TYPED PANEL SCHEDULES FOR ALL PANELS AFFECTED DURING CONSTRUCTION.
4 IF GFCI RECEPTACLES WILL NOT BE LOCATED IN AN ACCESSIBLE LOCATION, PROVIDE A REMOTE TEST/RESET SWITCH LOCATED IN AN ACCESSIBLE LOCATION AS NEAR THE RECEPTACLE AS POSSIBLE.



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

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



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

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

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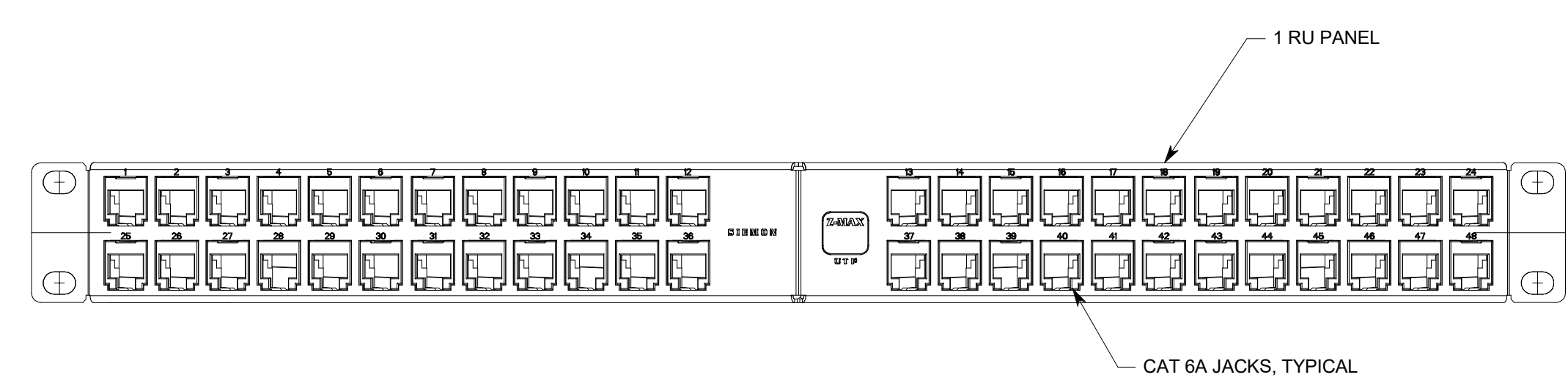
**LEVEL 1
ELECTRICAL
PLANS**

EP101

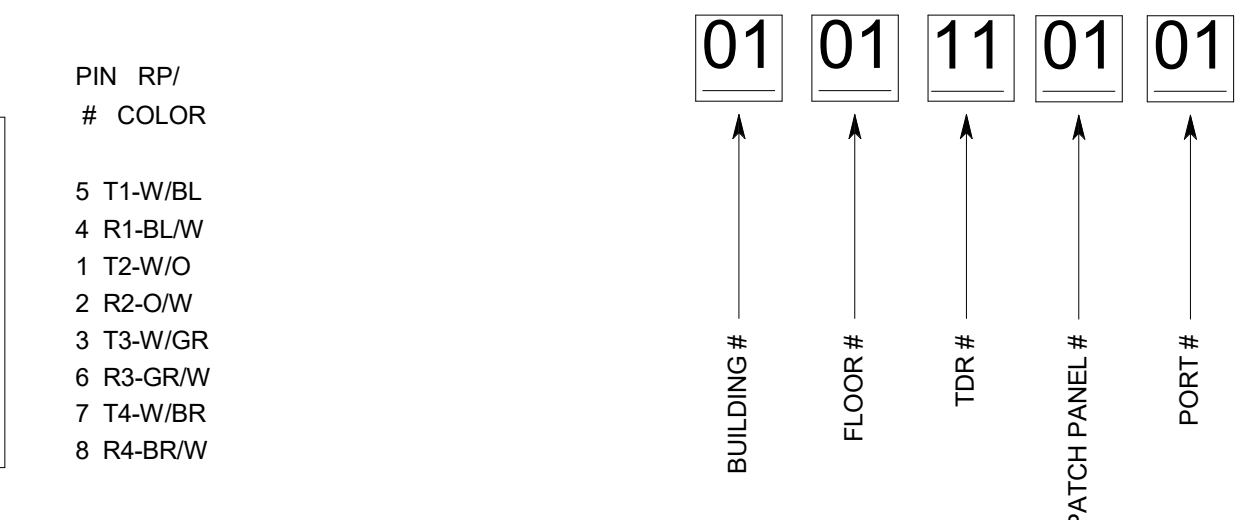
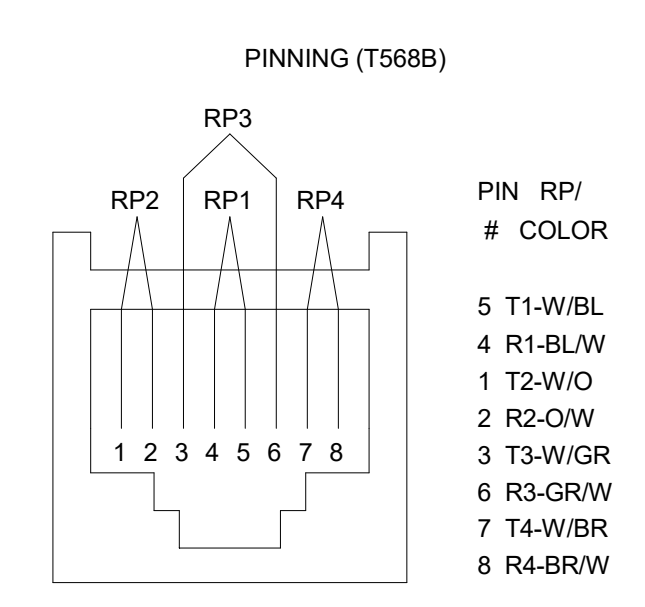
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GENERAL SHEET NOTES

SHEET KEYNOTES

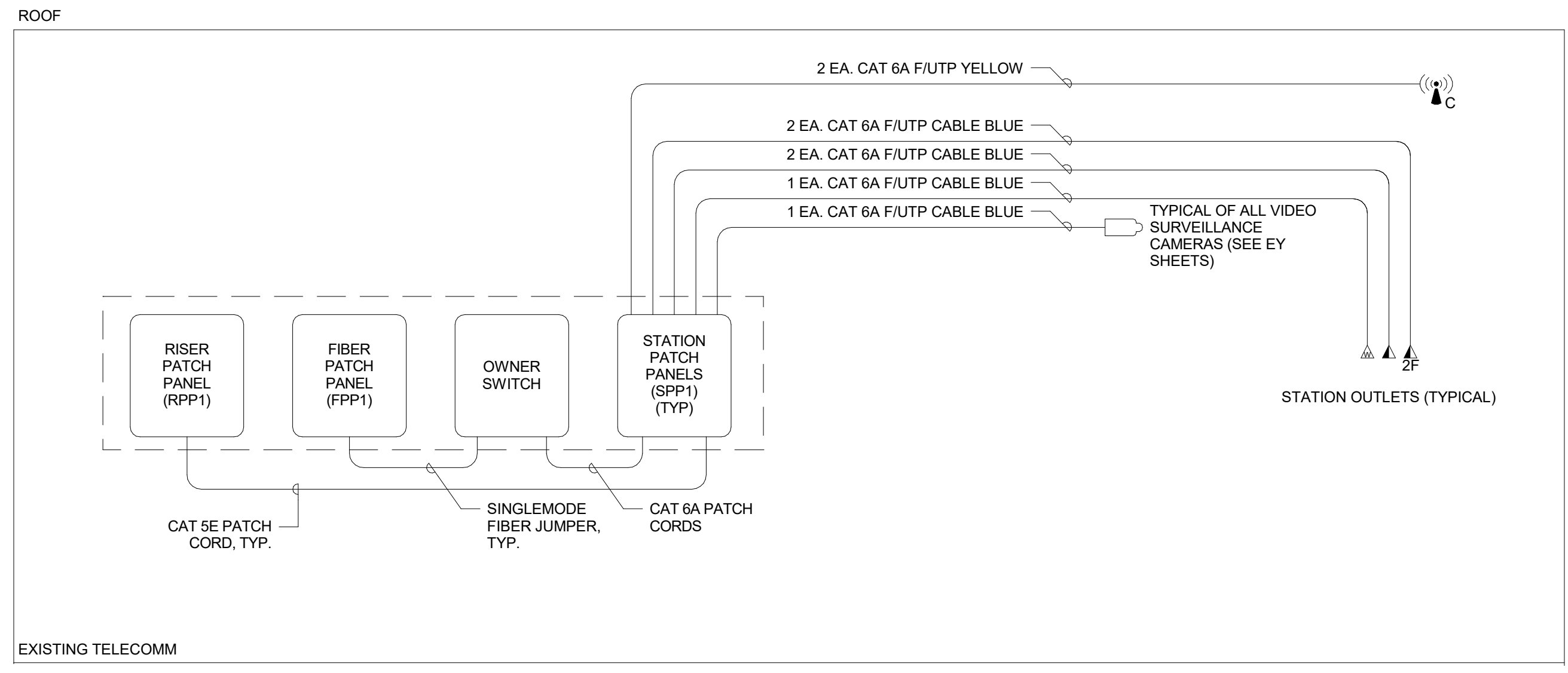


6 STATION PATCH PANEL, (SPP1), TDR
NO SCALE

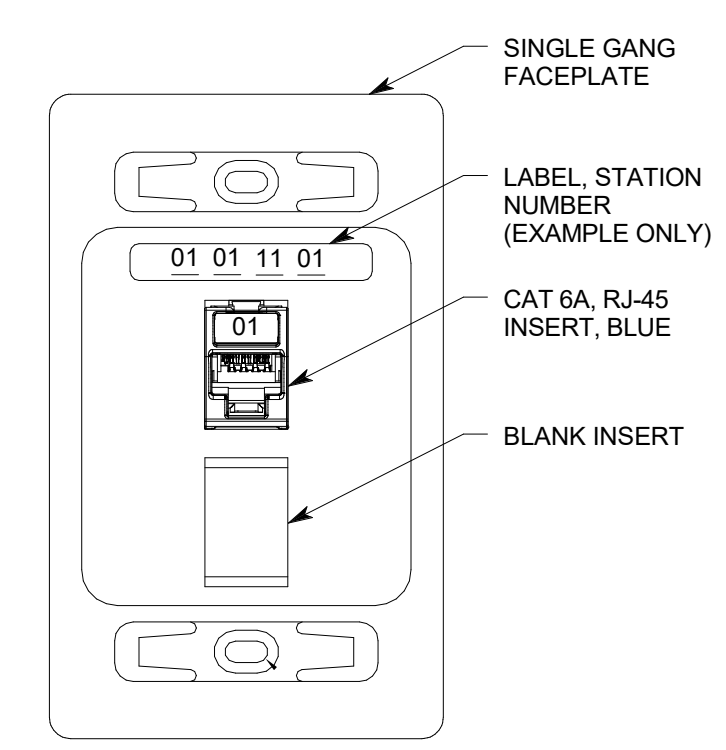


4 TYPICAL VOICE-DATA OUTLET PINNING DETAIL
NO SCALE

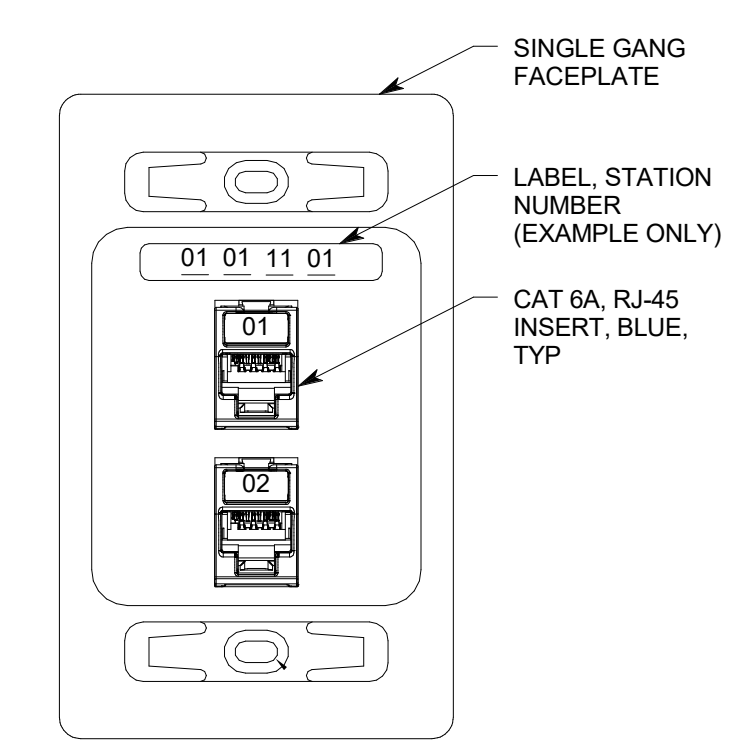
5 CABLE ID EXAMPLE DETAIL
NO SCALE



1 TELECOM CABLE RISER DIAGRAM
NO SCALE



2 TYPICAL 1-PORT DATA OUTLET
NO SCALE



3 TYPICAL 2-PORT DATA OUTLET
NO SCALE