

Intermountain Healthcare

Cassia Regional Medical Center Pharmacy Remodel (USP 797)

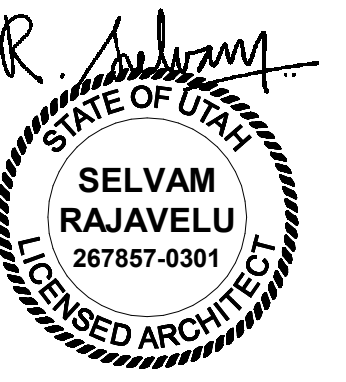
1501 Highland Avenue
Burley, Idaho 83318

Construction Documents

DESIGN TEAM	
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Cassia Regional Medical Center
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1501 Highland Avenue
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NJRA Project # 19228.04
Construction Documents April 2021

Cover Sheet

G001

INTERIM LIFE SAFETY MEASURES

IMPLEMENTATION OF INTERIM LIFE SAFETY MEASURES (ILSM) IS REQUIRED IN OR ADJACENT TO ALL CONSTRUCTION AREAS AND THROUGHOUT BUILDINGS WITH EXISTING LSC DEFICIENCIES. ILSM APPLY TO ALL PERSONNEL INCLUDING CONSTRUCTION WORKERS. MUST BE IMPLEMENTED UPON PROJECT DEVELOPMENT, AND CONTINUOUSLY ENFORCED THROUGH PROJECT COMPLETION. ILSM ARE INTENDED TO PROVIDE A LEVEL OF LIFE SAFETY COMPARABLE TO THAT DESCRIBED IN CHAPTERS 1 THROUGH 7.31 AND THE APPLICABLE OCCUPANCY CHAPTERS OF THE LSC. EACH ILSM ACTION MUST BE DOCUMENTED THROUGH WRITTEN POLICIES AND PROCEDURES, EXCEPT AS STATED BELOW. FREQUENCIES FOR INSPECTION, TESTING, TRAINING, AND ILSM CONSIST OF THE FOLLOWING ACTIONS:

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

PROJECT DESCRIPTION

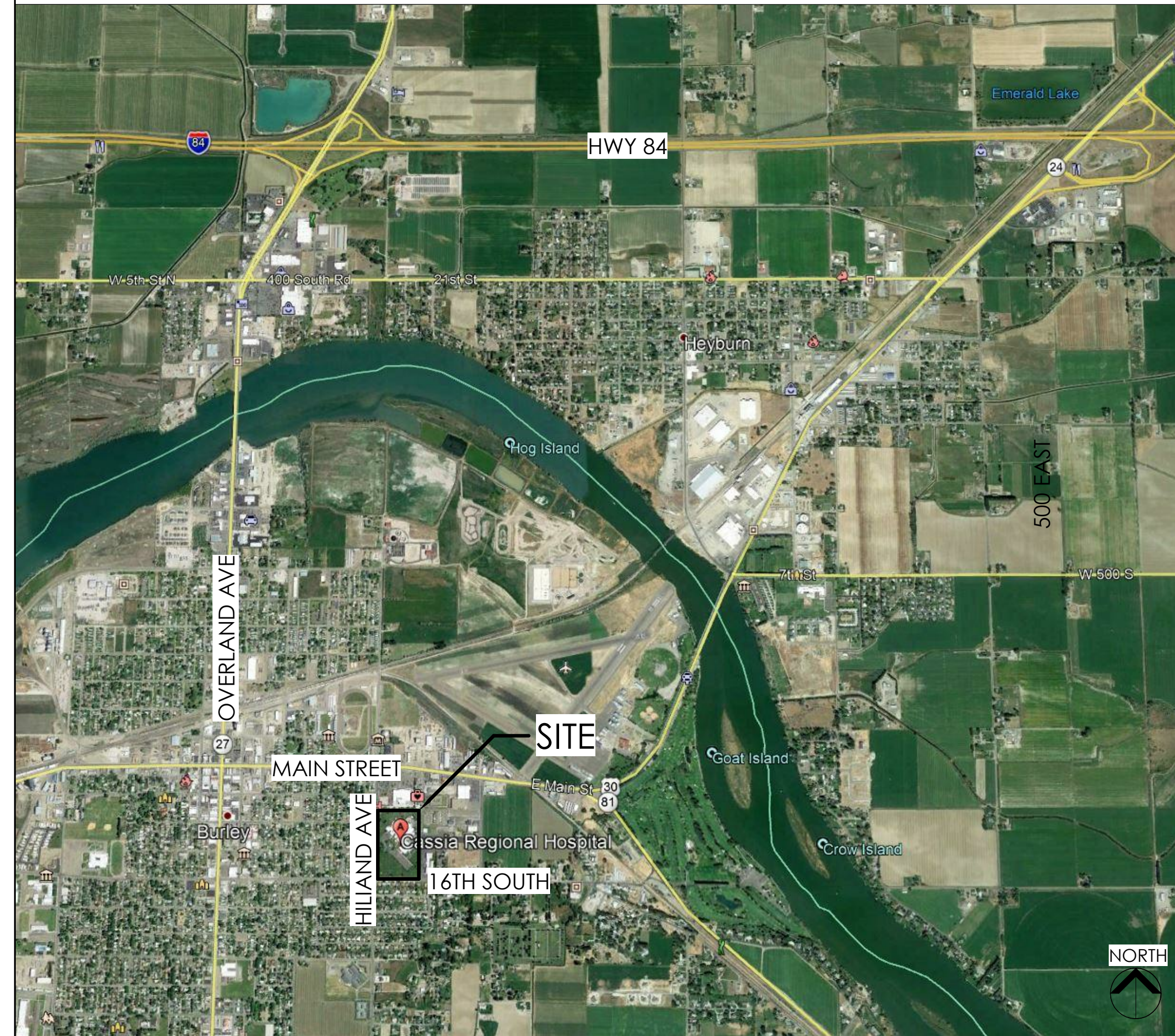
THIS PROJECT INCLUDES THE FOLLOWING SCOPE OF WORK:

- REMODEL OF EXISTING PHARMACY TO CREATE A USP797 ANTE ROOM AND NON-HAZARDOUS COMPOUNDING ROOM, ALONG WITH UPDATES TO THE EXISTING PHARMACY WORK AREA, WITH ASSOCIATED ELECTRICAL, MECHANICAL, AND PLUMBING REVISIONS AS REQUIRED. NEW FINISHES AND MATERIALS WILL BE INCLUDED IN THIS REMODEL.
- ADDITIVE ALTERNATE NO. 1:** REMOVE ALL EXIST. MILL WORK AND SHELVING (HIGHLIGHTED) ON DEMOLITION PLAN. PREP EXIST. FLOOR (PLOT IT NECESSARY) TO RECEIVE NEW FINISHES. PATCH AND REPAIR WALLS TO RECEIVE NEW FINISHES AND PROVIDE NEW FINISHES TO MATCH COLORS AND MATERIALS CALLED FOR THROUGHOUT THE PHARMACY.
- ADDITIVE ALTERNATE NO. 2:** PROVIDE SCHOLIX EPA 2-PART EPOXY BASED MOISTURE MITIGATION SYSTEM UNDER NEW VINYL PHARMACY FLOORING.

APPROVALS

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

VICINITY MAP



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INFECTION CONTROL RISK ASSESSMENT

CONSTRUCTION ACTIVITY TYPE
Type D:
Major demolition or construction that creates major disruption, i.e. noise, dust, vibration, odor, or mechanical systems
Includes, but not limited to:
• heavy demolition or removal of a complete cabling system
• new construction or build-out of shelved space

INFECTION CONTROL RISK GROUP
Highest:
• Pharmacy

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

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

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

ABBREVIATIONS

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

DEFERRED SUBMITTALS

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

- DETAILS AND ENGINEERING CALCULATIONS FOR ALL NONSTRUCTURAL COMPONENTS THAT ARE PERMANENTLY ATTACHED TO STRUCTURES AND THEIR SUPPORTS AND ATTACHMENTS. THESE SHALL BE DESIGNED AND CONSTRUCTED TO RESIST THE EFFECTS OF EARTHQUAKE MOTIONS IN ACCORDANCE WITH ASCE 7-05. REFERENCE IBC SECTION 1418.1. THIS INCLUDES:
 - ELECTRICAL SYSTEMS
 - MECHANICAL SYSTEMS
 - PLUMBING SYSTEMS
 - DECORATIVE ARCHITECTURAL COMPONENTS.
- DETAILS AND ENGINEERING CALCULATIONS FOR THE FIRE SPRINKLER AND FIRE DETECTION SYSTEMS, WHICH ARE TO BE DESIGN-BUILD BY THE CONTRACTOR TO COMPLY WITH NFPA 13 AND SHALL INCLUDE:
 - FIRE ALARM PLANS (INCLUDING CO DETECTOR LOCATIONS)
 - AUTOMATIC FIRE SPRINKLER PLANS
 - HOOD FIRE SUPPRESSION
 - CLASS "K" FIRE EXTINGUISHER LOCATION(S)

SPECIAL INSPECTIONS

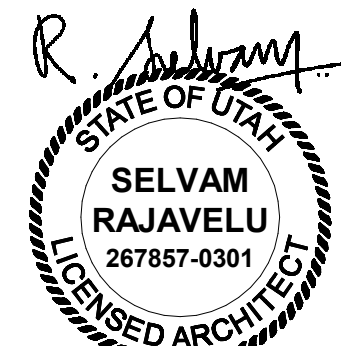
NONE.

DEFINITIONS

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



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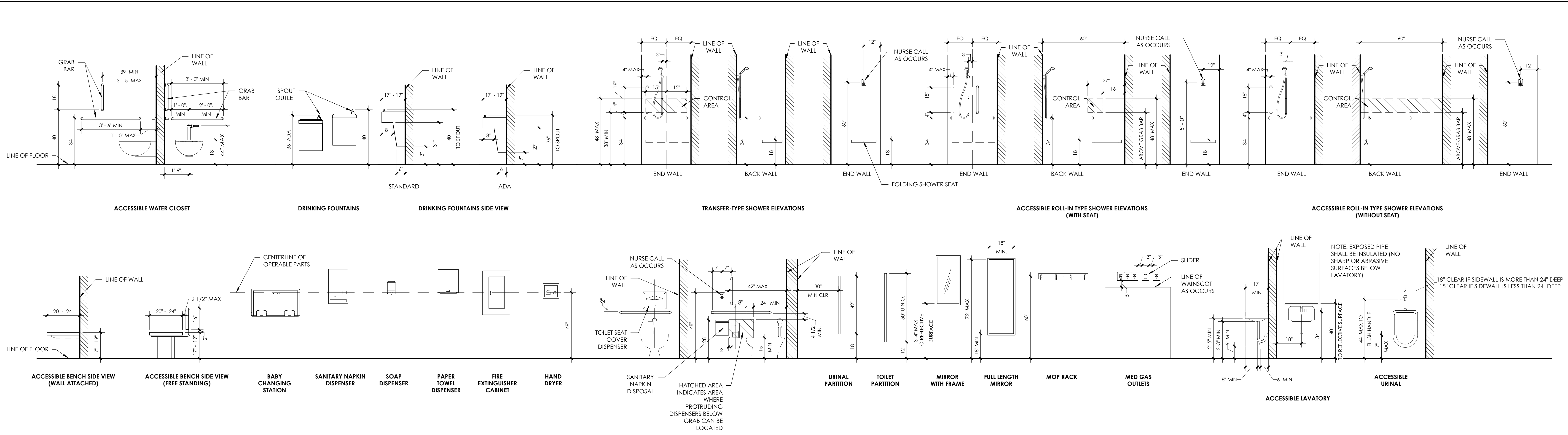
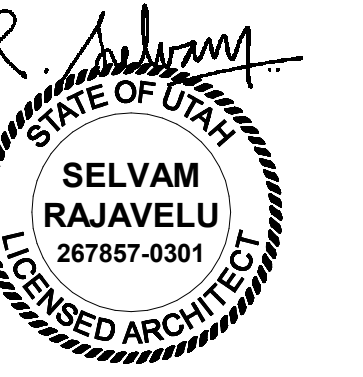
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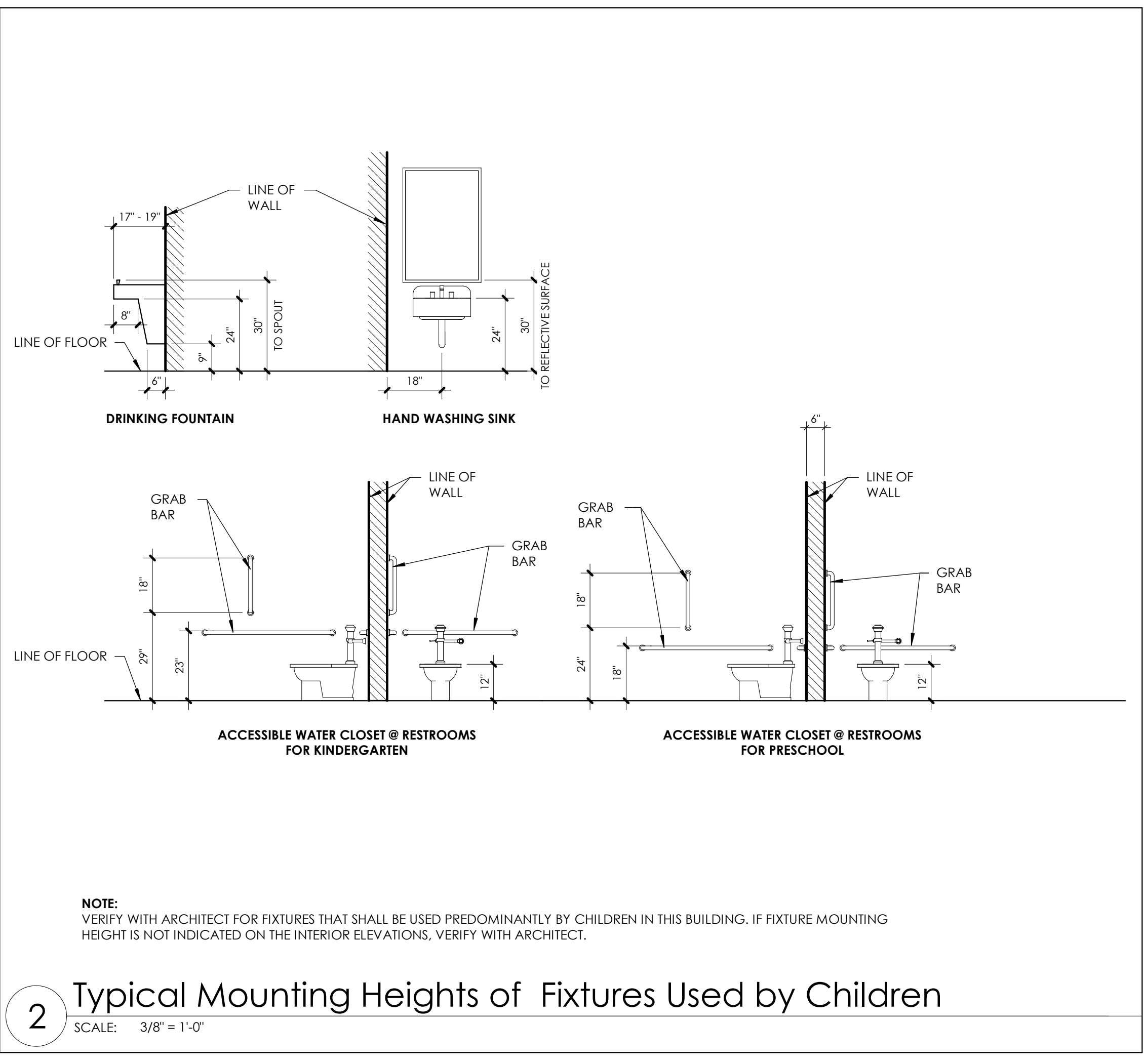
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General Information

G002



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



2 Typical Mounting Heights of Fixtures Used by Children
SCALE: 3/8" = 1'-0"

LEGEND - MATERIALS

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

	Concrete		Finish Wood
	Gypsum Board		Blocking
	Steel		Stone
	Earth		Gravel
	Masonry Concrete Block		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 (O.L. 992)</p> <ul style="list-style-type: none"> OFFICE: ROOM NAME 4: ROOM COUNT DESIGNATION 155 SF: DENOTES ROOM AREA OF 155 SQUARE FEET (O.L. 992): DENOTES OCCUPANT LOAD IN CODE COMPLIANCE PLANS. 	<p>DOOR TAG</p> <p>A124C</p> <ul style="list-style-type: none"> A: THE FIRST LETTER "A" AND THE FOLLOWING THREE DIGITS "124" DENOTES ROOM NUMBER C: SUFFIX "C" DENOTES SEQUENCE OF DOOR ACCESSING THE ROOM.
<p>GRID TAG</p> <p>A B 1 2</p> <ul style="list-style-type: none"> A, B: GRID REFERENCE LETTER - A, B, C, ETC. (USED FOR HORIZONTAL GRID SEQUENCE, TYPICALLY FROM LEFT TO RIGHT) 1, 2: GRID REFERENCE NUMBER - 1, 2, 3, ETC. (USED FOR VERTICAL GRID SEQUENCE, TYPICALLY FROM TOP TO BOTTOM) 	<p>DATUM POINT TAG</p> <p>9'-0"</p> <ul style="list-style-type: none"> 9'-0": HEIGHT ABOVE FINISH FLOOR 	<p>WINDOW TAG</p> <p>A</p> <ul style="list-style-type: none"> A: WINDOWS TAGS ARE INDICATED ON DIMENSION FLOOR PLANS
<p>NORTH ARROW</p> <p>NORTH</p>	<p>CEILING TAG</p> <p>9'-0"</p> <ul style="list-style-type: none"> 9'-0": CEILING ELEVATION 	<p>FLOOR FINISH TAG</p> <p>F2</p> <ul style="list-style-type: none"> F2: TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A603A, FOR FLOOR COVERING AND FINISHES REQUIRED.
<p>BUILDING SECTIONS</p> <p>A101</p> <ul style="list-style-type: none"> A101: SECTION TAGS ARE INDICATED ON OVERALL DIMENSION FLOOR PLANS 	<p>SPOT ELEVATION</p> <p>100'-0" T.O.W.</p> <ul style="list-style-type: none"> 100'-0" T.O.W.: SPOT ELEVATION 	<p>WALL BASE TAG</p> <p>W1</p> <ul style="list-style-type: none"> W1: TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A603A, FOR WALL FINISHES REQUIRED.
<p>WALL SECTIONS</p> <p>A101</p> <ul style="list-style-type: none"> A101: SECTION TAGS ARE INDICATED ON DIMENSION FLOOR PLANS 	<p>VERTICAL ELEVATION</p> <p>LEVEL ELEVATION</p>	<p>WALL FINISH TAG</p> <p>W3</p> <ul style="list-style-type: none"> W3: TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A603A, FOR WALL FINISHES REQUIRED.
<p>DETAIL TAGS</p> <p>A506</p> <ul style="list-style-type: none"> A506: DETAIL TAGS ARE INDICATED ON DIMENSION FLOOR PLANS 	<p>FLOOR PLAN MATCHLINE</p> <p>3-1 A101</p> <ul style="list-style-type: none"> 3-1 A101: FLOOR PLAN MATCHLINE 	<p>OTHER FINISH TAG</p> <p>(MS)(MM)(WP)(FL)(WC)</p> <ul style="list-style-type: none"> (MS)(MM)(WP)(FL)(WC): TAGS ARE INDICATED ON FINISH FLOOR PLAN & INTERIOR ELEVATIONS. SEE FINISH SCHEDULE, SHEET A603A, FOR FINISHES REQUIRED.
<p>DETAIL TAGS</p> <p>A506</p> <ul style="list-style-type: none"> A506: DETAIL TAGS ARE INDICATED ON DIMENSION FLOOR PLANS 	<p>REVISION TAG</p> <p>1</p> <ul style="list-style-type: none"> 1: CLOUD INDICATES DRAWING REVISION AREA 	<p>CABINET TAG</p> <p>W14</p> <ul style="list-style-type: none"> W14: CABINET TYPES ARE INDICATED ON INTERIOR ELEVATIONS & CABINET LEGEND, SHEET A505A.
<p>EXTERIOR ELEVATION TAGS</p> <p>A202</p> <ul style="list-style-type: none"> A202: TAGS ARE INDICATED ON OVERALL DIMENSION FLOOR PLANS AND KEY PLAN 	<p>KEYED NOTES - PROJECT SPECIFIC</p> <p>0000</p> <ul style="list-style-type: none"> 0000: KEYED NOTES THAT ARE PROJECT SPECIFIC AS INDICATED ON PLANS, SECTIONS AND ELEVATIONS 	<p>SIGN TAG</p> <p>S2</p> <ul style="list-style-type: none"> S2: TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE SIGN TYPE DETAIL T1/A506A.
<p>INTERIOR ELEVATION TAGS</p> <p>A232</p> <ul style="list-style-type: none"> A232: TAGS ARE INDICATED ON FINISH FLOOR PLANS 	<p>KEYED NOTES - GENERIC</p> <p>32</p> <ul style="list-style-type: none"> 32: KEYED NOTES THAT ARE NOT PROJECT SPECIFIC AS INDICATED ON GENERIC, TYPICAL DETAILS. 	
	<p>WALL TAG</p> <p>A1</p> <ul style="list-style-type: none"> A1: WALL TAGS ARE INDICATED ON DIMENSION FLOOR PLANS. WALL TYPES ARE INDICATED IN SHEET A501A. 	

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General Information

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DOORS AND DOORWAYS

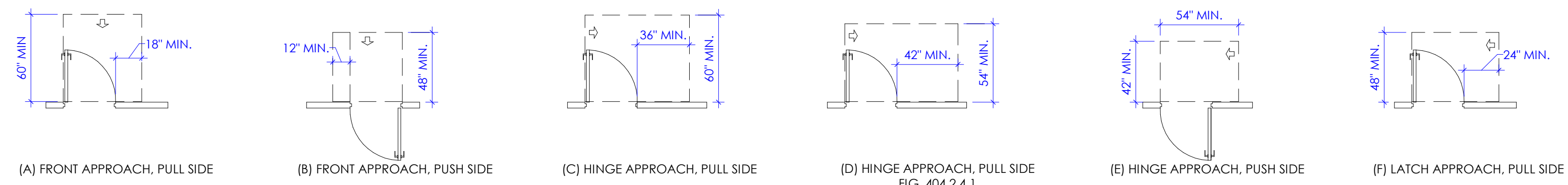
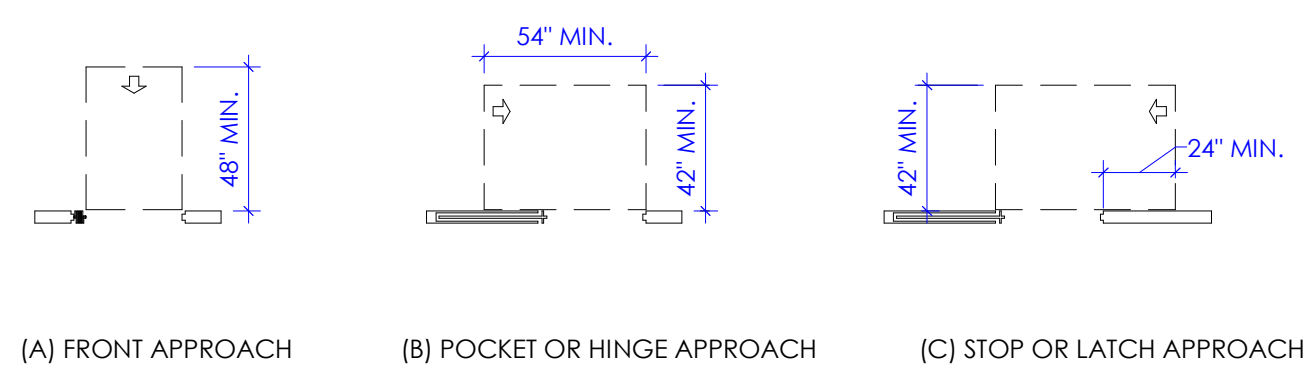
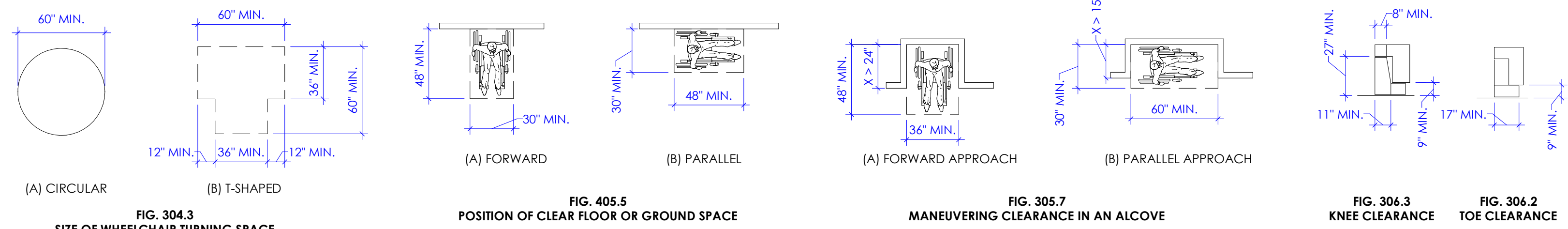


FIG. 404.2.4
TWO DOORS IN A SERIES

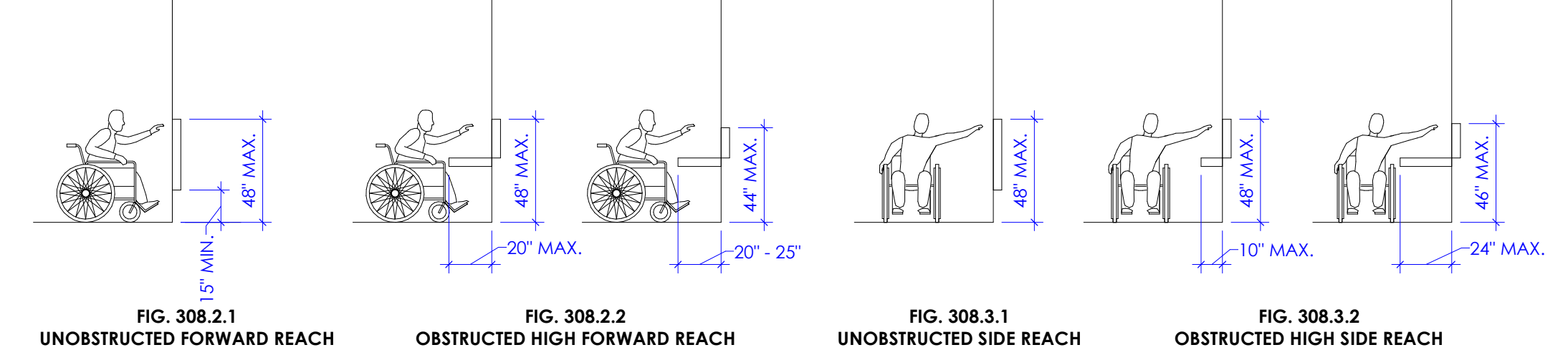
FIG. 404.2.2
MANEUVERING CLEARANCE AT SLIDING AND FOLDING DOORS



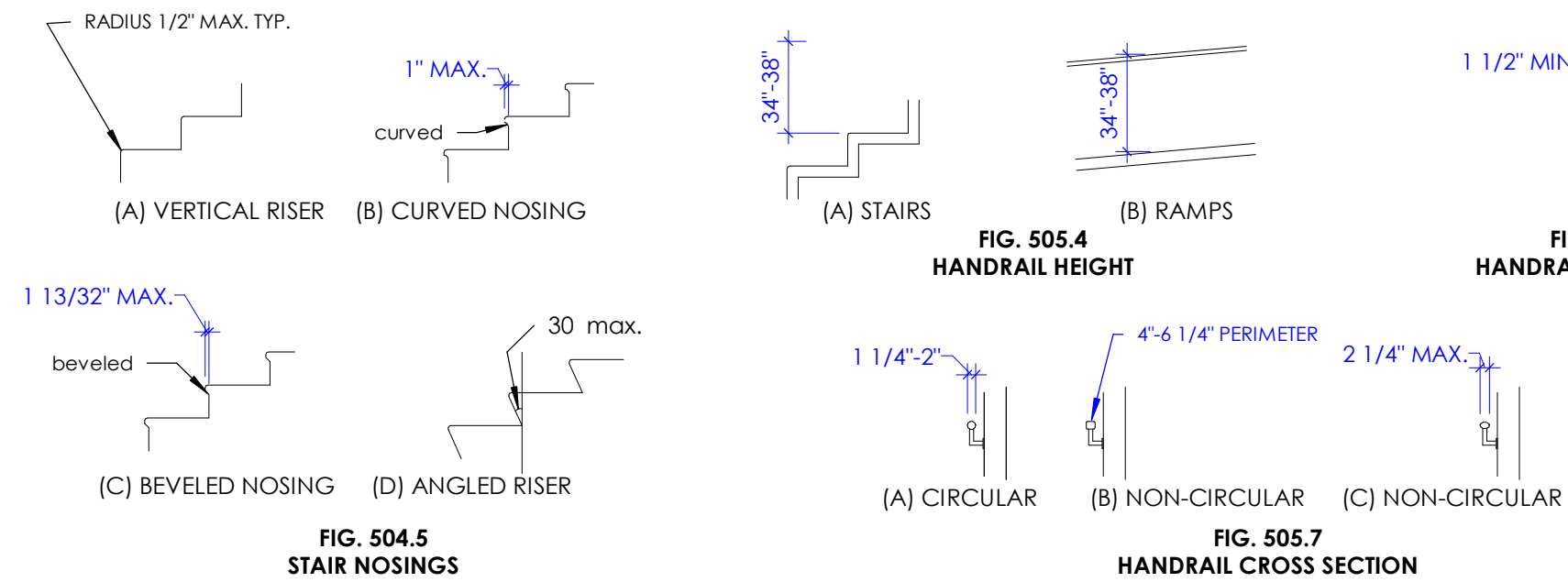
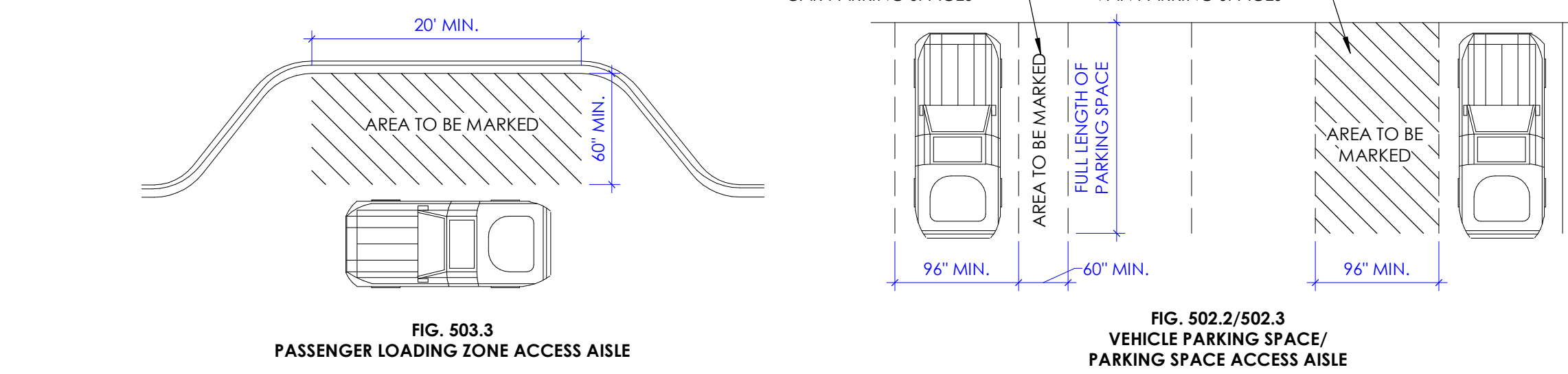
CLEAR FLOOR SPACE



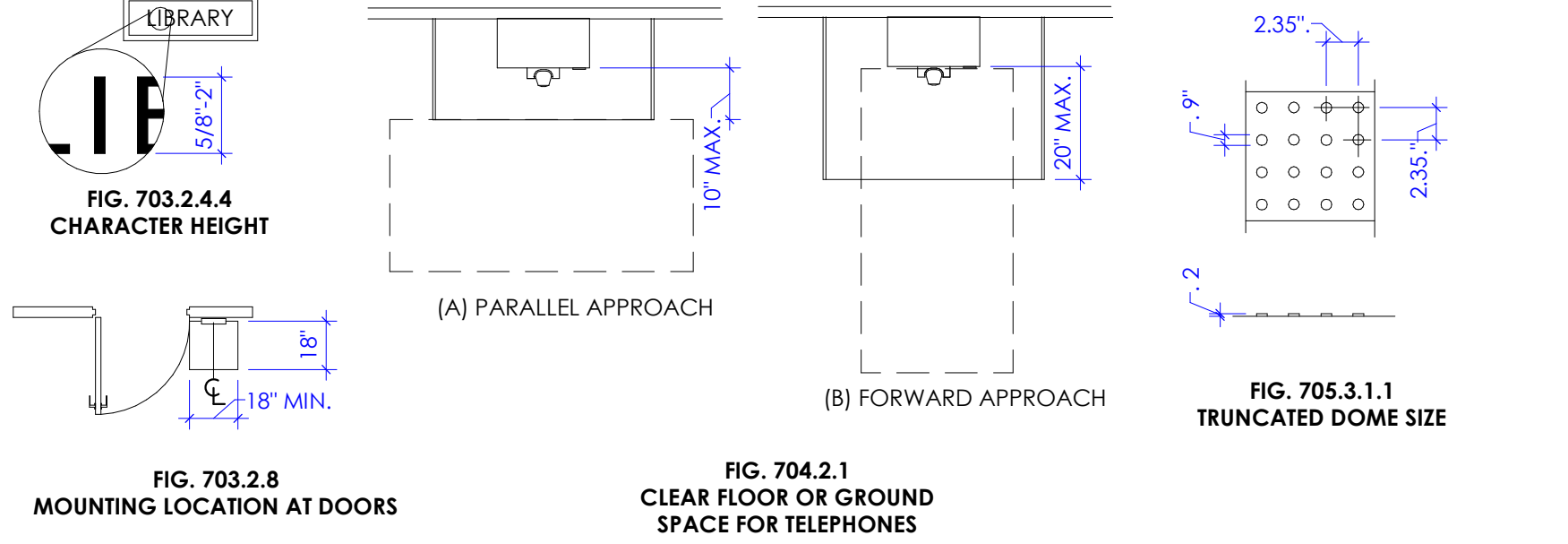
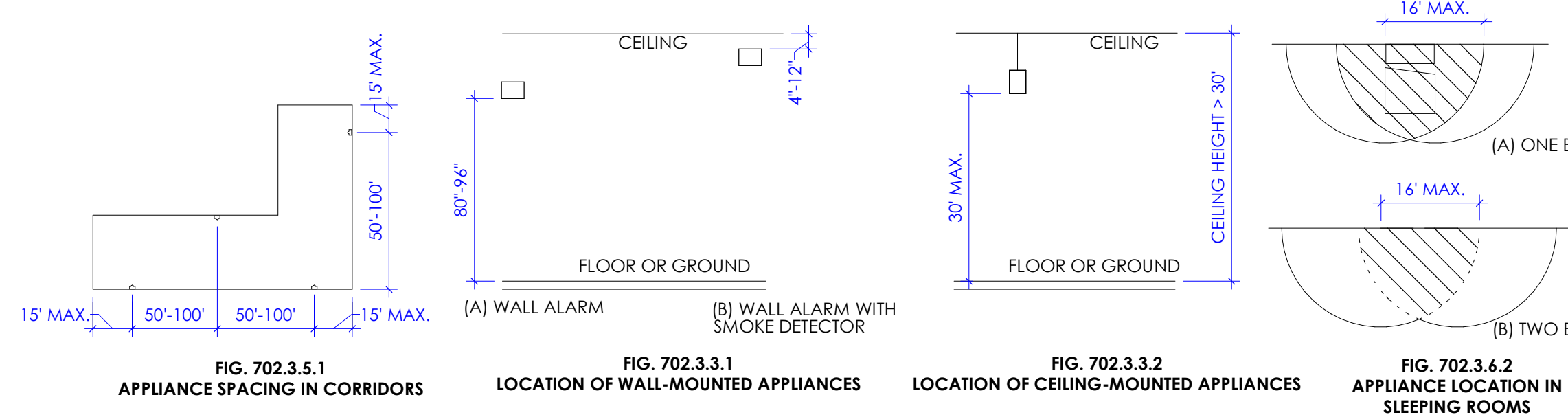
REACH RANGES



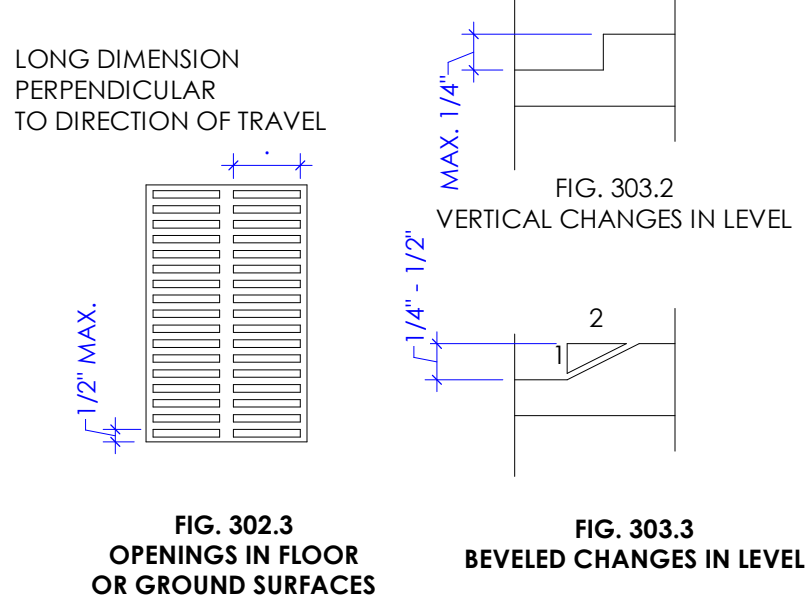
GENERAL SITE AND BUILDING ELEMENTS



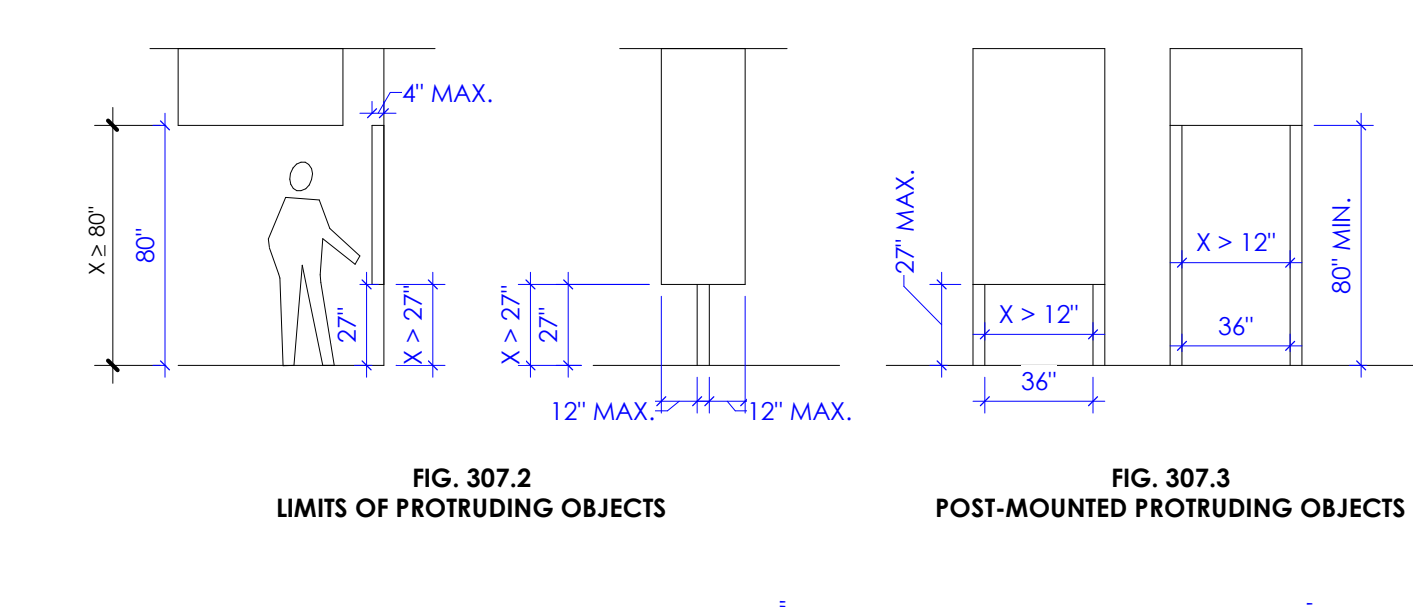
COMMUNICATION ELEMENTS AND FEATURES



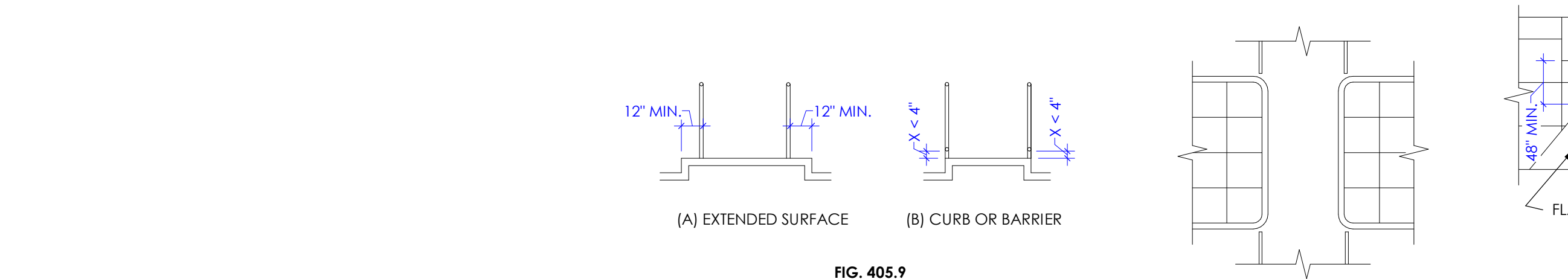
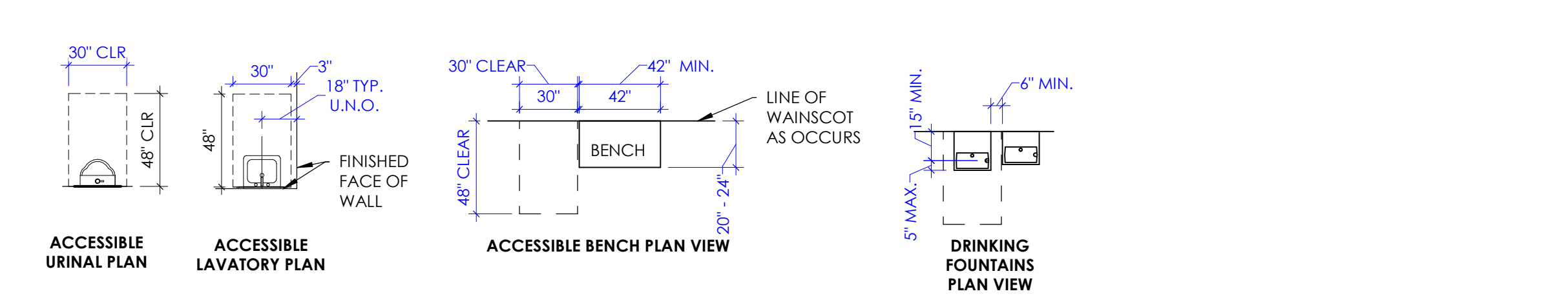
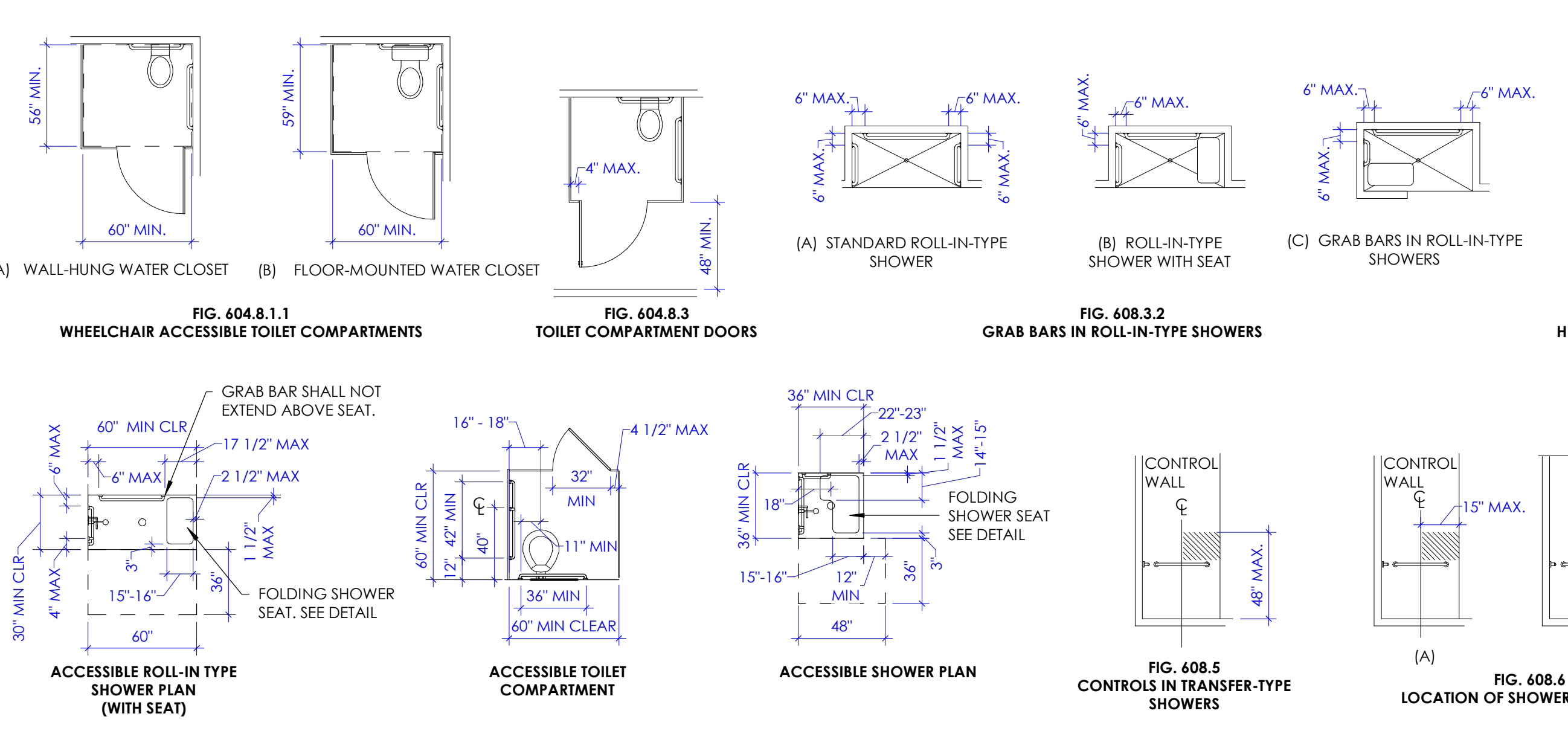
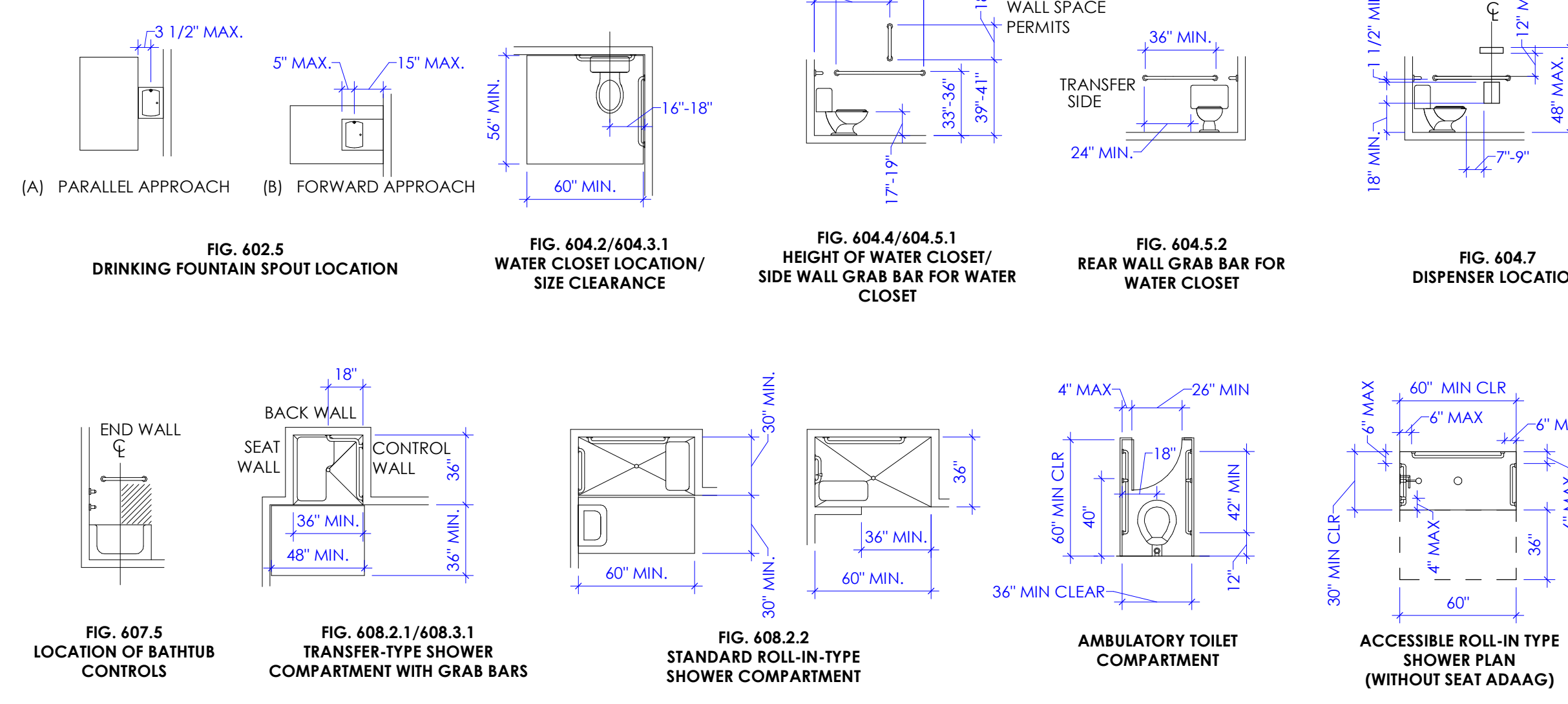
BUILDING BLOCKS



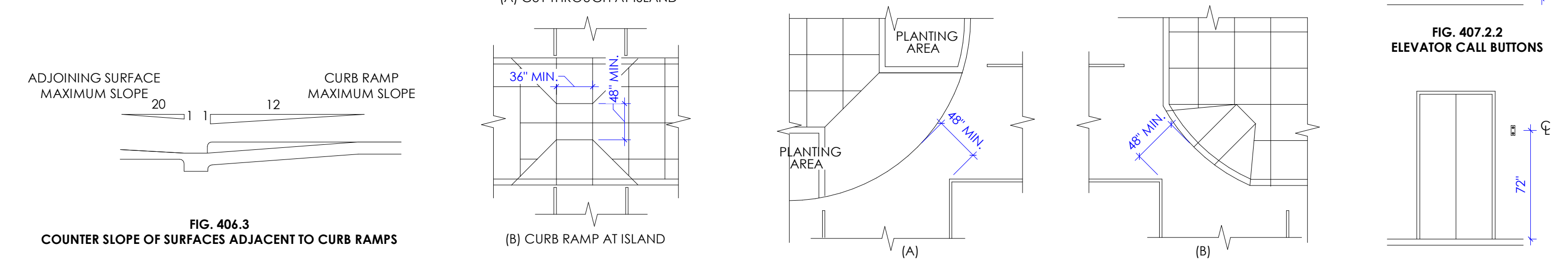
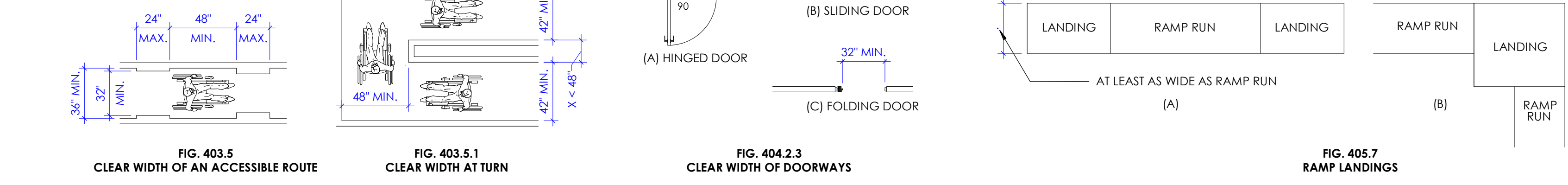
PROTRUDING OBJECTS



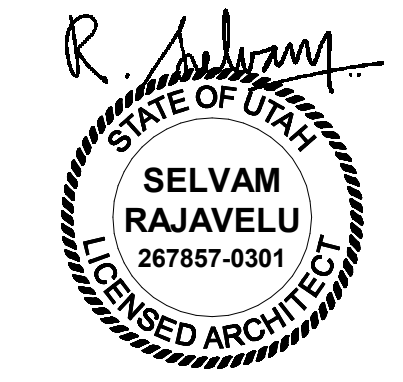
PLUMBING ELEMENTS AND FACILITIES



ACCESSIBLE ROUTES



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GENERAL NOTES

- A. STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS (IF PRESENT) ARE SUPPLEMENTAL TO THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CHECK WITH THE ARCHITECTURAL DRAWINGS BEFORE THE INSTALLATION OF MECHANICAL AND ELECTRICAL CONSTRUCTION. ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND CONSULTING ENGINEERS' DRAWINGS SHALL BE BROUGHT TO THE ARCHITECTS ATTENTION FOR CLARIFICATION. ANY CONSTRUCTION INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE GENERAL CONTRACTOR AT HIS/HER OWN EXPENSE AND AT NO EXPENSE TO THE OWNER OR ARCHITECT.
- B. ALL WORK SHALL COMPLY WITH THE CURRENT ADA ACCESSIBILITY GUIDELINES (AMERICANS WITH DISABILITIES ACT).
- C. REFER TO THE CODE COMPLIANCE PLAN FOR APPLICABLE CODES GOVERNING THIS WORK. CODE REQUIREMENTS AND REGULATIONS SHALL BE CONSIDERED AS MINIMUM, WHERE THE CONTRACT DOCUMENTS EXCEED (WITHOUT VIOLATING) CODE AND REGULATION REQUIREMENTS. CONTRACT DOCUMENTS SHALL TAKE PRECEDENCE, IF CONFLICT EXIST, THE MORE STRINGENT SHALL APPLY. COMPLY WITH REQUIREMENTS OF THE ADOPTED EDITIONS OF THE INTERNATIONAL CODE COUNCIL CODES, THE CODES AND STANDARDS REFERENCED WITHIN THE ICC CODES AND THE AMERICANS WITH DISABILITIES ACT.
- D. THE CONTRACTOR SHALL PROVIDE ADEQUATE BARRICADES AND PROTECTIVE DEVICES SEPARATING CONSTRUCTION AREAS. TEMPORARY PASSAGES SHALL BE PROVIDED AS REQUIRED, PRIOR TO DELIVERY OF MATERIALS TO CONSTRUCTION ZONE AND REMOVAL OF WASTE FROM SITE. THE CONTRACTOR SHALL CHECK WITH THE OWNER FOR AN ACCEPTABLE ROUTE AND TIME.
- E. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER LOCATION AND SIZE OF OPENINGS FOR ALL TRADES AND SHALL COORDINATE ALL CONSTRUCTION AS INDICATED BY THE CONTRACT DOCUMENTS, INCLUDING SHOP DRAWINGS REVIEWED BY THE ARCHITECT.
- F. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.
- G. FOR ALL REMODEL WORK AS OCCURS, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ALL MEASURES TO ACCOMPLISH THE WORK WITH THE MINIMUM OF INTERUPTION TO NORMAL BUILDING PROCEDURES. SYSTEM SHUTDOWNS OF HVAC, PLUMBING, ELECTRICAL AND NOISY CONSTRUCTION INCLUDING ROTO HAMMER, SAW CUTTING, CONCRETE ANCHORS, ETC. SHALL BE COORDINATED WITH THE OWNER AT LEAST 72 HOURS PRIOR TO COMMENCEMENT.
- H. ALL DIMENSIONS ARE SHOWN TO FACE OF GYPSUM BOARD OF NEW CONSTRUCTION OR STRUCTURAL WALL, UNLESS NOTED OTHERWISE.
- I. ALL DRAWINGS, THOUGH NOTED TO SCALE ARE FOR ILLUSTRATION ONLY. THE CONTRACTOR SHALL NOT SCALE DRAWINGS.
- J. WHEN A DETAIL IS IDENTIFIED AS TYPICAL, THE CONTRACTOR IS TO APPLY THIS DETAIL IN ESTIMATING AND CONSTRUCTION TO EVERY LIKE CONDITION WHETHER OR NOT THE REFERENCE IS REPEATED IN EVERY INSTANCE.
- K. DRAWINGS HAVE BEEN DETAILED IN COMPLIANCE WITH U.L. LISTING REQUIREMENTS AND ICBO REPORTS FOR THE MATERIALS SPECIFIED. IF AN ALTERNATE OR SUBSTITUTED MATERIAL IS ACCEPTED AS AN EQUAL BY THE GENERAL CONTRACTOR, HE/SHE WILL ASSUME THE RESPONSIBILITY FOR WHATEVER CONSTRUCTION MODIFICATION AND/OR ADDITIONAL COSTS ARE REQUIRED.
- L. ALL TRASH SHALL BE REMOVED DAILY. BUILDING MATERIALS MAY NOT BE STORED IN THE CORRIDORS AT ANY TIME. BLOCKAGE OF ANY REQUIRED EXIT IS PROHIBITED.
- M. ALL PENETRATIONS INTO SOUND OR FIRE RATED PARTITIONS, FLOORS OR CEILING ASSEMBLIES SHALL BE SEALED WITH APPROVED PERMANENT RESILIENT SEALANT. REFER TO IBC CURRENT VERSION FOR REQUIREMENTS FOR OPENINGS IN FIRE RATED WALL 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 CABINETS, ETC. SHALL BE SEALED, UNED, INSULATED OR OTHERWISE TREATED TO MAINTAIN THE INTEGRITY OF THE ASSEMBLY. SEE PENETRATION DETAILS.
- N. ABBREVIATIONS THROUGHOUT THE PLAN ARE THOSE IN COMMON USE. THE ARCHITECT SHALL DEFINE THE INTENT OF ANY IN QUESTION.
- O. THE CONTRACTOR SHALL VERIFY SIZES AND LOCATIONS OF WATER AND DRAIN INSTALLATIONS AND OTHER REQUIRED SERVICES WITH EQUIPMENT MANUFACTURERS.
- P. MAINTAIN ALL EXISTING SPRAY-APPLIED FIRE PROOFING ON STEEL STRUCTURAL MEMBERS, WHERE EXISTING FIRE PROOFING IS REMOVED FOR INSTALLATION OF NEW BEAMS, UNISTRUTS, ETC. THE CONTRACTOR SHALL PATCH AGAIN WITH EQUIVALENT FIRE PROOFING MATERIAL TO MATCH ADJACENT EXISTING MATERIAL.
- Q. ALL WOOD CARITS, HALLERS, 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 SURFACES MOUNTED TO THE WALLS AND CEILING ARE TO BE CALKED FULLY AROUND ALL SURFACES ABUTTING THE FINISH SURFACE.
- T. 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 CALKED 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 ERECTED WITH 3/8" X 20 GA. MTL. STUDS @ 16" O.C. FRAMING WITH 5/8" TYPE "X" GYPSUM BOARD ON BOTH SIDES. TAPE A SEPARATE DUST PROOFING SEAL JOINTS AT PERIMETER WITH AIR-TIGHT GASKET OR SEAL. PAINT WALL ON EXISTING PHARMACY SIDE. PARTITION TO BE EQUIPPED WITH 4" LOCKABLE MAN DOOR WITH STICKY PADS ON BOTH SIDES OF DOOR. PROVIDE NEGATIVE AIR FLOW METER. COORDINATE WITH OWNER FOR EXACT LOCATION OF CONSTRUCTION BARRIER.

GENERAL NOTES - INTERIOR ELEVATIONS

- A. PROVIDE LOCKS FOR CABINETS AS INDICATED ON THE CABINET LEGEND ON SHEET A505A AND IF INDICATED ON INTERIOR ELEVATIONS.
- B. IN ROOMS WHERE CABINETS ARE REQUIRED TO BE LOCKED, PROVIDE LOCKS OPERABLE WITH SINGLE KEY.
- C. FOR TYPICAL MOUNTING HEIGHTS, SEE SHEET G003. FOLLOW THE HEIGHT UNLESS NOTED OTHERWISE IN INTERIOR ELEVATIONS. VERIFY WITH ARCHITECT FOR ITEMS NOT INDICATED.
- D. CONTRACTOR SHALL VERIFY WITH OWNER FOR OWNER FURNISHED CONTRACTOR INSTALLED ITEMS AND PROVIDE BACKING IN WALL AS REQUIRED FOR INSTALLATION.
- E. INTERIOR ELEVATIONS OF CERTAIN ROOMS ARE NOT DRAWN AND ARE NOTED AS SIMILAR ELEVATIONS OF ROOMS THAT ARE INDICATED IN THE DRAWINGS.
- F. CONTRACTOR SHALL PROVIDE FILLER PANELS (PLASTIC LAMINATE WRAPPED OVER 5/8" PARTICLE BOARD) WHEREVER GAP OCCURS BETWEEN CABINETS AND WALL.
- G. SEE FINISH FLOOR PLANS AND FINISH SCHEDULE A603A FOR WALL, CABINET AND COUNTERTOP FINISHES.
- H. SEE SHEET A605A FOR CABINET LEGEND (TYPES B1, W1, T1, ETC.), UNLESS NOTED OTHERWISE. ALL THE CABINETS AND COUNTERTOPS IN EACH ROOM SHALL BE OF THE SAME FINISH (P1, P2, S1, ETC.) AS INDICATED ON THE INTERIOR ELEVATION OF EACH ROOM, WHERE MULTIPLE FINISHES ARE REQUIRED FOR CABINETS, WALLS, ETC. IN THE ROOM. EACH FINISH IS INDICATED SEPARATELY. CONTACT ARCHITECT FOR REQUIRED CLARIFICATIONS.
- I. COUNTERTOPS ARE TYPICALLY SUPPORTED BY WALLS AND BASE CABINETS. IN PLACES WHERE COUNTERTOP SPAN EXCEEDS 4' - 0", STEEL SUPPORTS SHALL BE PROVIDED AS INDICATED IN DETAILS - / - - - AND 4/A506A.
- 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 SIMPLE ROOMS ARE INDICATED ON THE A250 SERIES SHEETS (STARTING WITH SHEET A251).
- L. FOR ALL CABINETS PROVIDE BACKING IN WALL AS PER DETAIL 3/A505B.

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.

- 2' X 4' LAY-IN ACOUSTICAL PANEL CEILING. SEE DETAILS 1/A503A, 4/A503A, 7/A503A, 10/A503A
- 2' X 7' LAY-IN ACOUSTICAL PANEL CEILING. SEE DETAILS 1/A503A, 4/A503A, 7/A503A, 10/A503A
- SUSPENDED GYPSUM BOARD CEILING OR SOFFIT SEE DETAILS 2/A503A, 3/A503A, 5/A503A, 8/A503A
- NEW SUPPLY AIR GRILLE - SEE MECHANICAL DRAWINGS
- NEW RETURN AIR GRILLE - SEE MECHANICAL DRAWINGS
- NEW EXHAUST FAN - SEE MECHANICAL DRAWINGS
- CEILING HEIGHT ABOVE FINISHED FLOOR
- NEW 2' X 4' LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS

GENERAL NOTES - REFLECTED CEILING PLAN

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

GENERAL NOTES - WALL SECTIONS

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

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.

- NEW DOOR IN NEW WALL. SEE DOOR SCHEDULE.
- NEW WINDOW. SEE WINDOW TYPES. TAGS ARE PLACED ON THE FRONT SIDE OF WINDOW.
- NEW METAL STUD WALL. SEE WALL TAGS ON DIMENSION PLANS AND WALL TYPES SHEET A501A FOR MORE INFORMATION.
- NEW BRICK MASONRY WALL. SEE STRUCTURAL DRAWINGS FOR MORE INFORMATION.
- NEW CMU WALL. SEE STRUCTURAL DRAWINGS FOR MORE INFORMATION.
- NEW CAST-IN-PLACE CONCRETE WALL. SEE WALL TAGS ON DIMENSION PLANS FOR MORE INFORMATION.
- NEW PLUMBING FIXTURES

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 & CMU, WHERE APPLICABLE) TO THE METAL ROOF DECK ABOVE.
- C. WHEN FLOOR HEIGHT VARIES IN A ROOM, THE CEILING HEIGHT SHOWN IS THE HEIGHT ABOVE THE FLOOR AT THE ENTRY. UNO.
- D. SEE INTERIOR ELEVATIONS FOR TOILET AND BATHROOM ACCESSORIES (GRAB BARS, MIRRORS, DISPENSERS, ETC.).
- E. AT ALL VERTICAL EDGES OF INTERIOR CMU WALLS THAT ARE VISIBLE, USE BULLNOSE CMU BLOCKS FROM FINISHED FLOOR ELEVATION TO A HEIGHT OF 7'-4".
- F. FOR CLARITY SAKE, DIMENSIONS ARE NOT SHOWN AT THE FOLLOWING LOCATIONS:
 - a. WHERE THE FACE OF WALL COINCIDES WITH THE MAIN GRID LINE OR 4'-0" X 4'-0" SUBGRID.
 - b. WHERE THE CENTER OF WALL COINCIDES WITH THE MAIN GRID LINE OR 4'-0" X 4'-0" SUBGRID.
- G. VERIFY WITH ARCHITECT FOR DIMENSIONS NOT SHOWN.
- H. SEE STRUCTURAL DRAWINGS FOR CMU WALLS, MASONRY COLUMNS, AND MASONRY BEAMS. SEE BUILDING EXTERIOR ELEVATIONS FOR VENEER TYPES. SEE FINISH SCHEDULE FOR CMU THAT IS HONED, SCORED, SEALED, PAINTED, ETC.
- I. SEE CIVIL, FOOD SERVICE, PLUMBING, AND MECHANICAL DRAWINGS FOR FLOOR SINKS, FLOOR DRAINS, AND OPENINGS IN FLOOR SLABS AND ROOFS FOR DUCTWORK, ETC.
- J. SEE DOOR AND WINDOW SCHEDULE FOR THE REQUIRED DOOR AND WINDOW OPENING SIZES.
- K. SEE FINISH SCHEDULE AND STRUCTURAL DRAWINGS AND PROVIDE RECESS IN CONCRETE FLOOR SLAB AS REQUIRED TO ACCOMMODATE FLOOR FINISHES. CONCRETE FLOOR SLAB THAT IS ON GRADE, SHALL BE RECESSED AS REQUIRED, FOR A THICK SET MORTAR FOR CERAMIC TILE FINISH. SLOPE SHALL BE AT 1/8" PER FOOT TOWARDS THE FLOOR DRAIN. CONCRETE FLOOR SLAB, THAT IS NOT ON GRADE, NEED NOT BE RECESSED. IN SUCH LOCATION, USE THIN SET MORTAR FOR CERAMIC TILE FINISH WITH A GENTLE SLOPE TOWARDS DRAIN.
- L. ALL PENETRATIONS (PIPES, CONDUITS, JOISTS, ETC.) THROUGH FIRE RATED BARRIER WALLS SHALL BE SEALED COMPLETELY WITH FIRE RATED SEALANTS. FILL GAP BETWEEN FLUTES OF THE METAL DECK AND METAL TRACK TOP RUNNER WITH FIRE RATED SEALANTS. SEAL TIGHTLY AROUND PIPES, CONDUITS, DUCTS, ETC. THAT PENETRATES THE FIRE BARRIER WALL WITH FIRE RATED SEALANTS. APPLY SEALANT AS PER MANUFACTURERS RECOMMENDATIONS WITH ANY ADDITIONAL MATERIAL AS REQUIRED INSTALLED AROUND PENETRATIONS TO MAINTAIN THE INTEGRITY OF THE FIRE WALL. SEE MECHANICAL DRAWINGS FOR FIRE AND SMOKE DAMPERS.
- M. WALL CABINETS HAVE A DEPTH OF 1'-3" UNLESS NOTED OTHERWISE.
- N. ALL MASONRY MORTAR JOINTS LOCATED INSIDE THE BUILDING SHALL BE TOOLED JOINTS, UNLESS NOTED OTHERWISE. MASONRY JOINTS ON THE BUILDING EXTERIOR SIDE SHALL BE RAKED JOINTS AS INDICATED IN BUILDING EXTERIOR ELEVATIONS.
- O. SEE OVERALL FLOOR PLAN SHEETS FOR ANGLES, PIVOT POINT AND DIMENSIONS BETWEEN GRID LINES.
- P. SEE CODE COMPLIANCE FLOOR PLANS FOR LOCATION OF FIRE BARRIER, NON RATED WALLS, ETC.
- Q. SEE ENLARGED FLOOR PLANS FOR ADDITIONAL DIMENSIONS.
- R. IN SOME PROJECTS, DUE TO THE LARGE BUILDING FOOTPRINT SIZE, FLOOR PLANS ARE SPLIT AS AREAS A, B, C, ETC. AND EACH AREA IS INDICATED ON SEPARATE SHEETS. MATCH LINES INDICATE THE BOUNDARIES OF EACH AREA. WHEN CONTRACTORS ARE PREPARING BID FOR THE PROJECT, COST SHALL INCLUDE ONLY THE BUILDING ELEMENTS AND ASSOCIATED CONSTRUCTION WORK CALLED OUT WITH KEYED NOTES IN THE AREA INDICATED ON THE SHEET. KEYED NOTES INDICATED OUTSIDE THE MATCH LINE IN ADJACENT FLOOR AREAS SHALL NOT BE COUNTED FOR THAT AREA. THIS AVOIDS DUPLICATION OF BUILDING ELEMENTS AND CONSTRUCTION WORK.

GENERAL NOTES - DOOR SCHEDULE

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

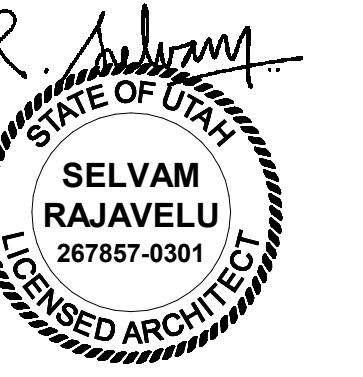
LEGEND - DEMOLITION FLOOR PLAN

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.

- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE DEMOLISHED
- EXISTING WINDOW TO REMAIN
- EXISTING WINDOW TO BE DEMOLISHED
- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE DEMOLISHED.
- EXISTING PLUMBING FIXTURES TO REMAIN
- EXISTING PLUMBING FIXTURES TO BE DEMOLISHED

GENERAL NOTES - DEMOLITION FLOOR PLAN

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



LEGEND				
SYMBOL	DESCRIPTION	FIRE RESISTANCE RATING	DOOR FIRE RATING	WINDOW FIRE RATING
● - - - - ->	COMMON PATH OF TRAVEL	N/A	N/A	N/A
● - - - - ->	TRAVEL DISTANCE	N/A	N/A	N/A
ROOM NAME SQ. FT. ROOM # O.C.L. #	OCCUPANT LOAD	N/A	N/A	N/A
- - - - - SP - - - - -	SMOKE PARTITION WALL	0 HOUR	SMOKE	SMOKE
- - - - - SB - - - - -	SMOKE COMPARTMENT	1 HOUR	1/3 HOUR	1/3 HOUR
- - - - - ◆ - - - - -	1 HOUR FIRE RATED WALL	1 HOUR	3/4 HOUR	3/4 HOUR
- - - - - ◆◆ - - - - -	2 HOUR FIRE RATED WALL	2 HOUR	1-1/2 HOUR	1-1/2 HOUR

KEYED NOTES

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)	2014
NFPA 101	2018
ANSI 117.1	2009

FIRE RESISTANCE RATING FOR BUILDING ELEMENTS (TABLE 601)

	Required	Provided
Non-Bearing Walls:		
Interior	0	0

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) : 150 Sq. Ft. Gross per Occupant

Total Occupant Load : **Unchanged**

Egress width required : Unchanged
Egress width provided : Unchanged

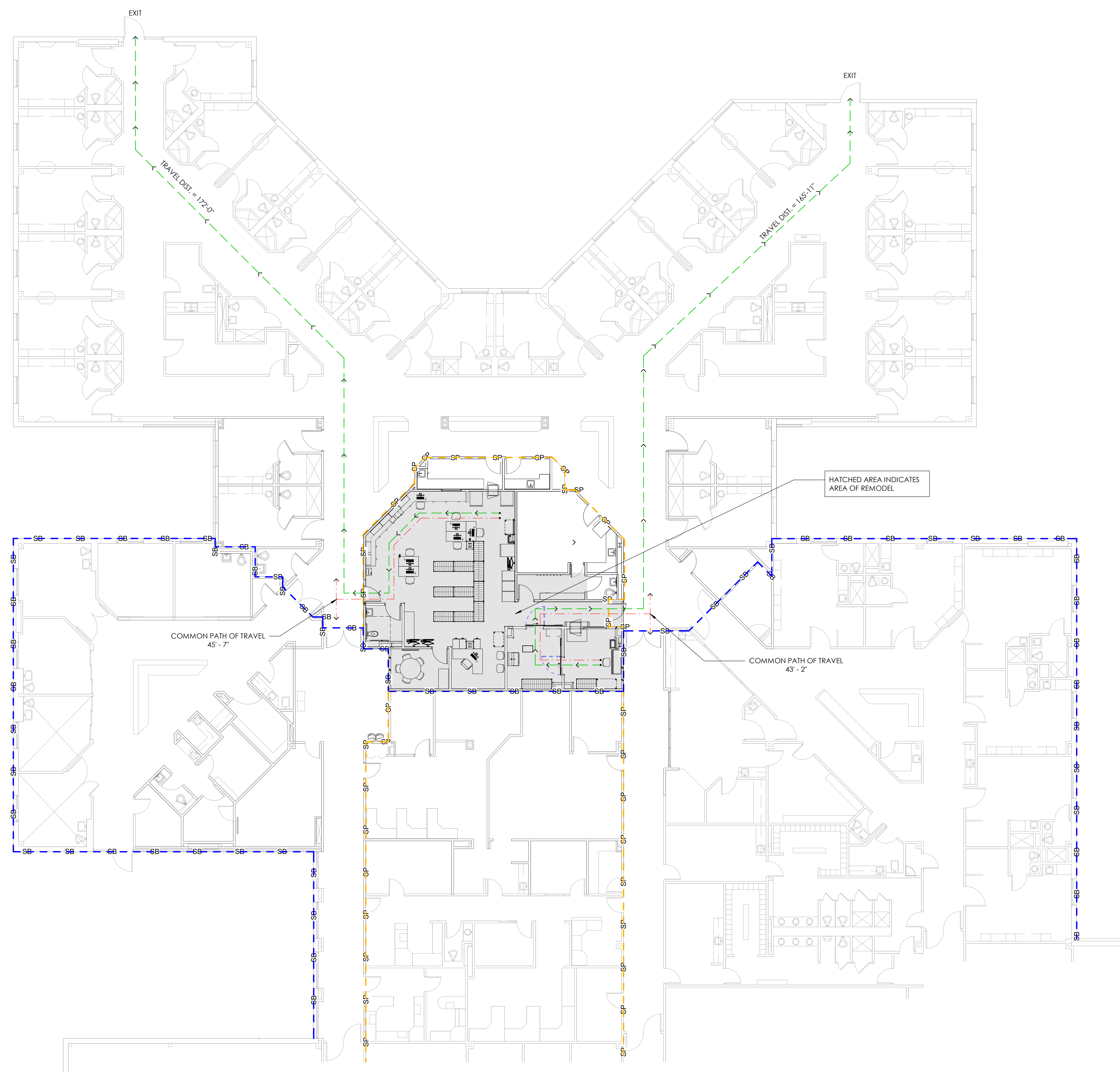
BUILDING AREA
Allowable Area (per floor): Unchanged
Actual Area (per floor): Unchanged

NUMBER OF STORIES
Allowable Stories : Unchanged
Actual Stories : Unchanged

BUILDING HEIGHT
Allowable Height : Unchanged
Actual Height : Unchanged

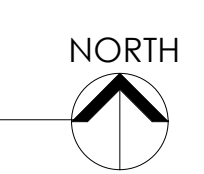
PLUMBING FIXTURES REQUIRED: Unchanged
PLUMBING FIXTURES PROVIDED: Unchanged

REMODEL AREA = 1618 S.F.



ZONE
ZONE B

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



VIEW & PRINT THIS SHEET IN COLOR FOR CLARITY

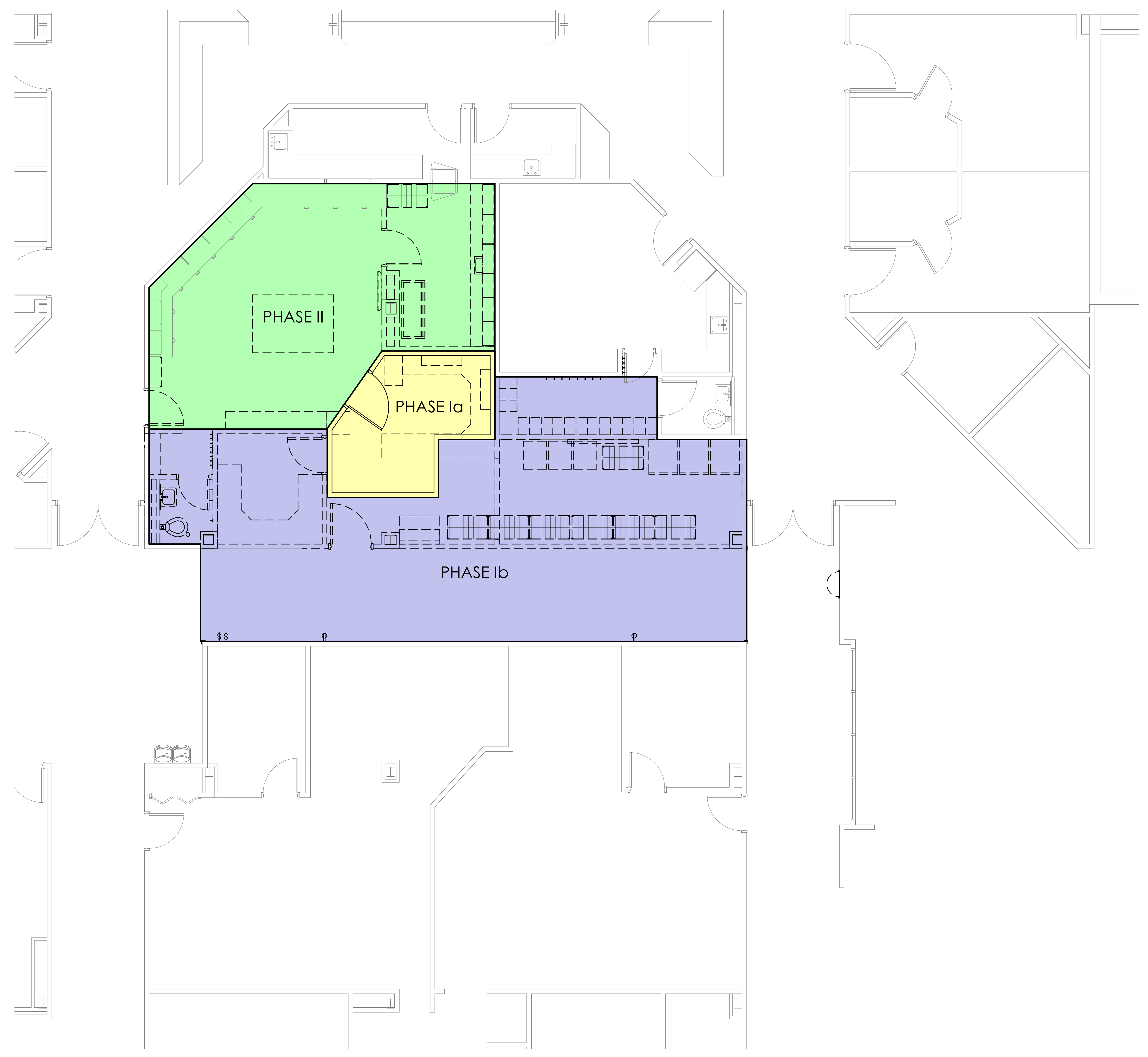
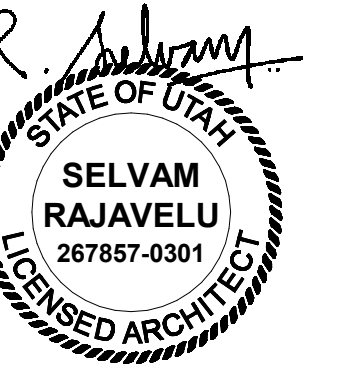
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Code Compliance
Plan Level 1 - Overall

G111



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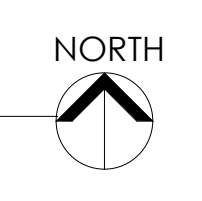
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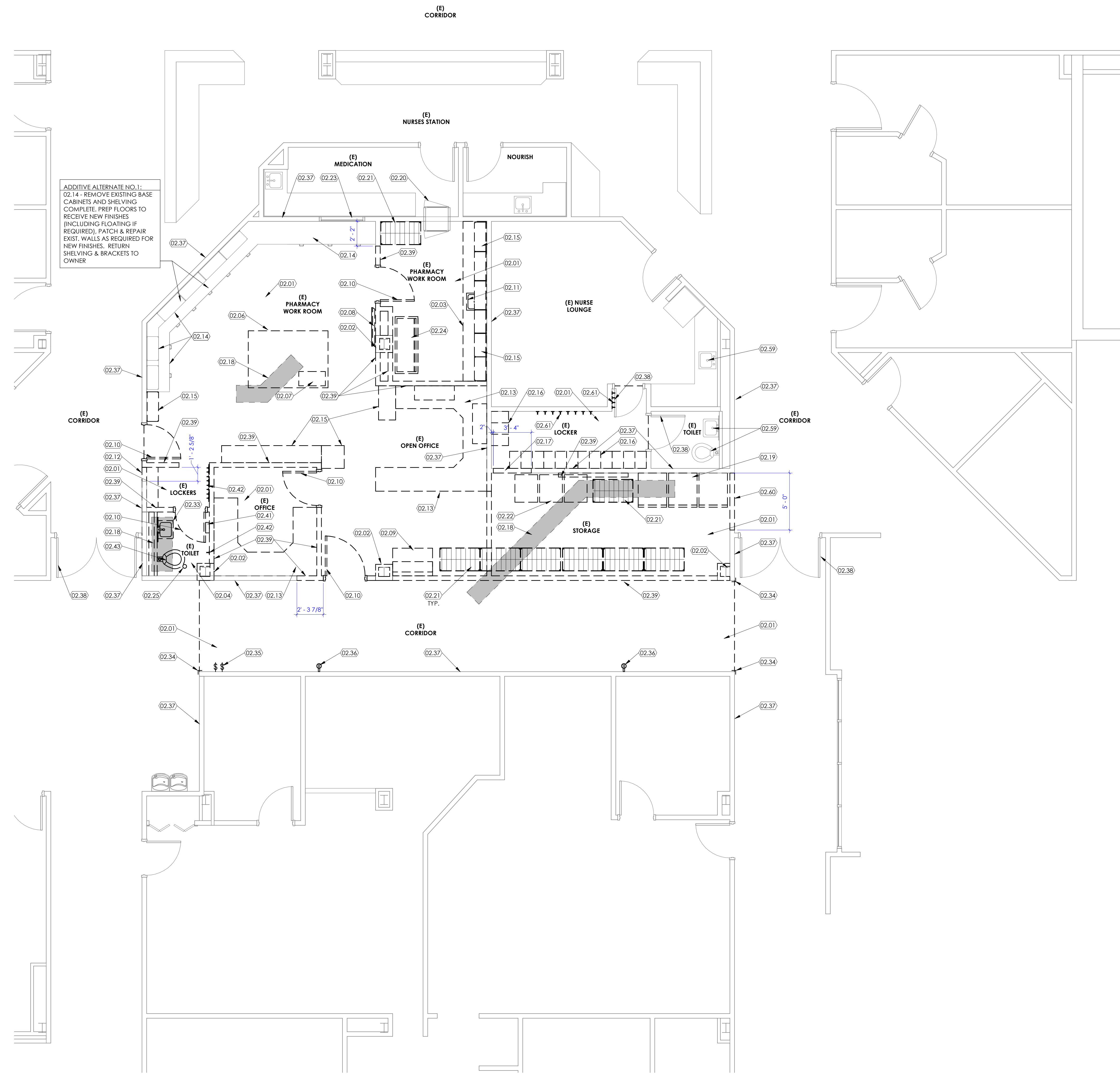
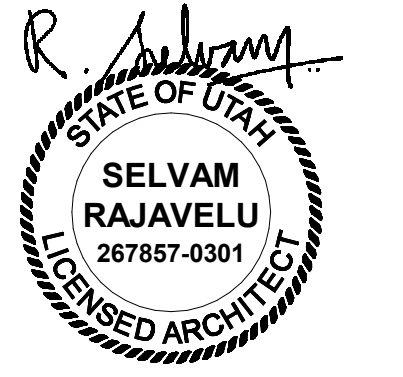
Proposed
Construction
Phasing Plan

A110

1 Proposed Construction Phasing Plan
SCALE: 1/4" = 1'-0"



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ADDITIVE ALTERNATE NO. 1:
02.14 - REMOVE EXISTING BASE CABINETS AND SHELVING COMPLETE. PREP FLOORS TO RECEIVE NEW FINISHES (INCLUDING FLOATING IF REQUIRED), PATCH & REPAIR EXIST. WALLS AS REQUIRED FOR NEW FINISHES. RETURN SHELVING & BRACKETS TO OWNER

KEYED NOTES

- 02.01 EXISTING FLOORING AND BASE TO BE REMOVED COMPLETE - PREP FLOOR TO RECEIVE NEW FINISHES.
- 02.02 EXISTING COLUMN TO REMAIN AND FURRING TO BE REMOVED COMPLETE - PREP FOR NEW COLUMN FURRING.
- 02.03 REMOVE EXISTING MILLWORK & COUNTERTOP COMPLETE. PATCH & REPAIR WALL AS REQUIRED.
- 02.04 EXISTING TILE FLOORING TO BE REMOVED COMPLETE - PREP FLOOR TO RECEIVE NEW FINISHES - EXISTING DRAIN TO REMAIN - PROTECT DURING CONSTRUCTION.
- 02.06 EXISTING ISLAND MILLWORK TO BE REMOVED COMPLETE.
- 02.07 EXISTING FLAMMABLES CABINET TO BE REMOVED COMPLETE - SALVAGE AS REQUIRED BY OWNER.
- 02.08 EXISTING TV, MONITOR TO BE REMOVED AND SALVAGED FOR REINSTALLATION - PROTECT DURING CONSTRUCTION.
- 02.09 EXISTING STAINLESS STEEL CART TO REMAIN.
- 02.10 EXISTING DOOR & FRAME TO BE REMOVED COMPLETE.
- 02.11 EXISTING SINK TO BE REMOVED COMPLETE. COORDINATE USE OF EXIST. PLUMBING FOR NEW HAND SINK W/ PLUMBING DRAWINGS. PATCH WALL AS REQUIRED.
- 02.12 REMOVE PORTION OF EXISTING WALL AS REQUIRED FOR NEW DOOR AND FRAME - SEE NEW FLOOR PLAN AND DOOR SCHEDULE.
- 02.13 EXISTING WORK STATIONS, FILE CABINETS, AND SHELVING UNITS TO BE REMOVED COMPLETE - SALVAGE EACH AS REQUIRED BY OWNER.
- 02.14 EXISTING MILLWORK AND SHELVING TO REMAIN - PROTECT DURING CONSTRUCTION.
- 02.15 EXISTING SHELVING TO BE REMOVED COMPLETE - PREP WALLS TO RECEIVE NEW FINISHES.
- 02.16 EXISTING LOCKERS TO BE REMOVED COMPLETE - PREP WALLS TO RECEIVE NEW LOCKERS AND FINISHES.
- 02.17 REMOVE PORTION OF EXISTING WALL AS REQUIRED FOR NEW LOCKER ROOM DOOR AND FRAME - SEE NEW FLOOR PLAN AND DOOR SCHEDULE.
- 02.18 SAWCUT AND REMOVE EXISTING CONCRETE FLOOR SLAB AS REQUIRED FOR NEW UTILITIES - TAKE NECESSARY PRECAUTIONS WHEN CUTTING FLOOR SLAB AROUND EXISTING UNDER-SLAB UTILITY LINES - COORDINATE EXTENS OF WORK WITH PLUMBING DRAWINGS - PREP AREA TO RECEIVE NEW CONCRETE AND FINISHES.
- 02.19 REMOVE EXISTING REFRIGERATORS AND FREEZER & SALVAGE FOR REINSTALLATION.
- 02.20 EXISTING PASS THRU FRIDGE TO REMAIN - PROTECT DURING CONSTRUCTION.
- 02.21 EXISTING WIRE SHELVING UNITS TO BE REMOVED AND SALVAGED - COORDINATE LOCATION WITH OWNER.
- 02.22 EXISTING HARC CABINETS TO BE RELOCATED - COORDINATE NEW LOCATION WITH OWNER - PROTECT DURING CONSTRUCTION.
- 02.23 EXISTING PHARMACY WINDOW AND OVERHEAD GRILL TO REMAIN - PROTECT DURING CONSTRUCTION.
- 02.24 EXISTING ISOLATOR TO BE REMOVED AND RELOCATED - COORDINATE NEW LOCATION WITH OWNER.
- 02.25 EXISTING FLOOR DRAIN TO BE RELOCATED AS REQUIRED - COORDINATE WITH NEW FLOOR PLAN AND PLUMBING DRAWINGS.
- 02.33 EXISTING RESTROOM PLUMBING FIXTURES AND ACCESSORIES TO BE REMOVED COMPLETE - COORDINATE IF ITEMS ARE TO BE SALVAGED WITH OWNER.
- 02.34 EXISTING CORNER GUARD TO BE REMOVED COMPLETE - PREP WALL TO RECEIVE NEW FINISHES.
- 02.35 REMOVE EXISTING LIGHT SWITCHES AS REQUIRED - COORDINATE WITH ELECTRICAL DRAWINGS.
- 02.36 REMOVE EXISTING POWER OUTLETS AS REQUIRED - COORDINATE WITH ELECTRICAL DRAWINGS.
- 02.37 EXISTING WALLS AND WALL BASE TO REMAIN - PROTECT DURING CONSTRUCTION.
- 02.38 EXISTING DOOR AND FRAME TO REMAIN - PROTECT DURING CONSTRUCTION.
- 02.39 REMOVE PORTION OF EXISTING WALL AS REQUIRED FOR NEW ROOM CONFIGURATION - COORDINATE WITH NEW FLOOR PLAN, REMOVE ANY ASSOCIATED ELECTRICAL AND PLUMBING AS REQUIRED - COORDINATE WITH OWNER.
- 02.41 REMOVE EXISTING PAPER TOWEL DISPENSER - COORDINATE WITH OWNER IF IT IS TO BE SALVAGED.
- 02.42 REMOVE EXISTING CLOTHES HOOKS - COORDINATE WITH OWNER IF IT IS TO BE SALVAGED.
- 02.43 REMOVE EXISTING TOILET COMPLETE - PREP EXISTING PLUMBING LINES TO CONNECT TO NEW TOILET.
- 02.59 EXISTING FIXTURES TO REMAIN. PROTECT DURING CONSTRUCTION.
- 02.60 REMOVE PORTION OF EXISTING WALL AS REQUIRED FOR NEW CORRIDOR OPENING. LEAVE HEADER TO SEPARATE EXISTING CEILING & NEW CEILING. SEE SHEET A115 FOR BOTTOM OF HEADER ELEVATION.
- 02.61 REMOVE EXISTING COAT HOOKS AND SALVAGE FOR REINSTALLATION. SEE NEW FLOOR PLAN.

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A602A FOR WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

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Pharmacy Remodel (USP 797)

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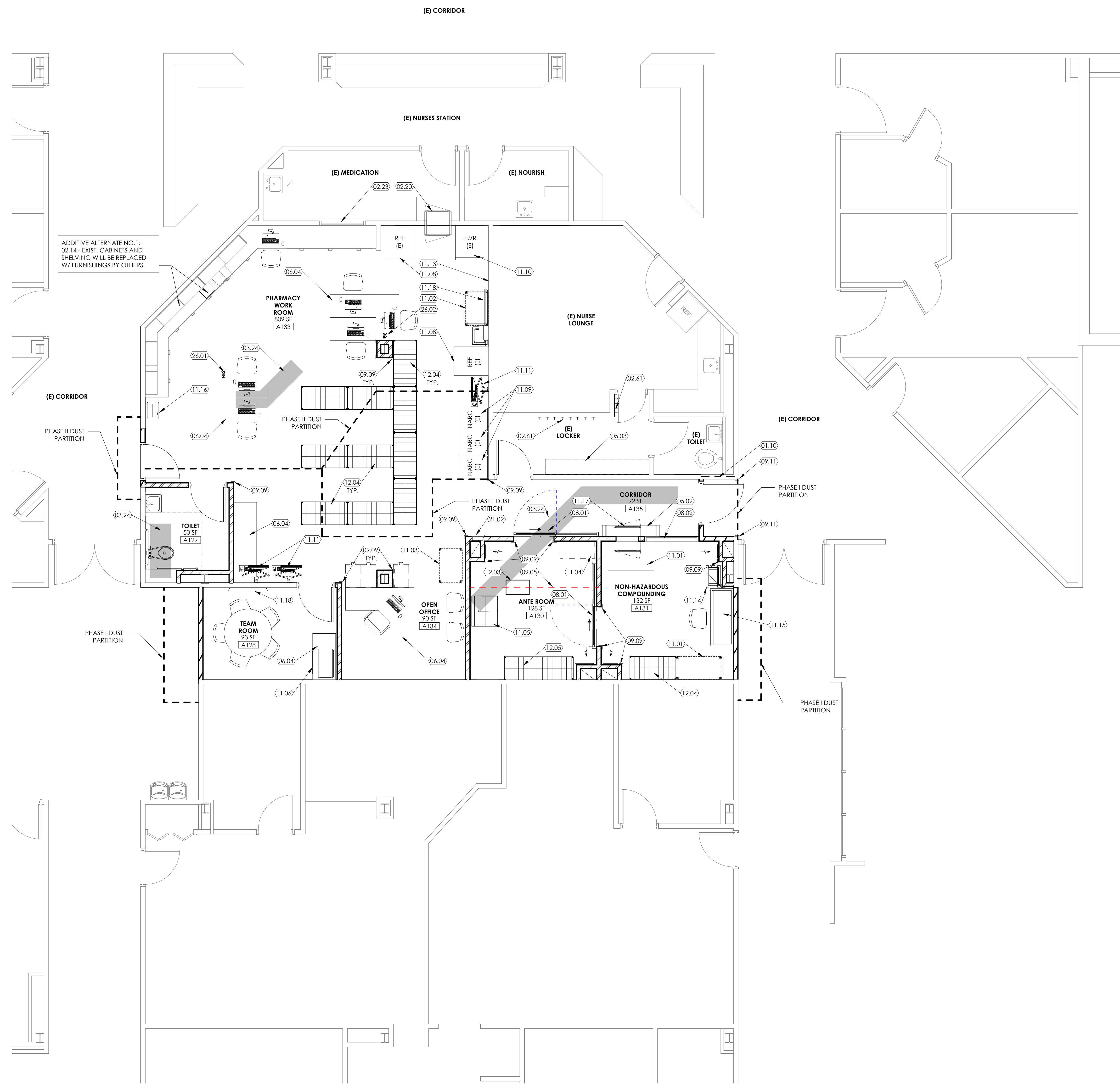
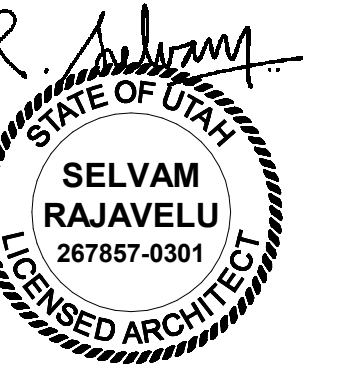
Demolition
Floor Plan
Level 1

A111

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



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KEYED NOTES

- 01.10 CONTRACTOR TO VERIFY THAT INDICATED WALLS RUN CONTINUOUS UP TO STRUCTURE ABOVE. CONTRACTOR TO PROVIDE REQUIRED FRAMING AND DRYWALL AS NEEDED TO SECURE WALLS TO STRUCTURE. ALL OPENINGS THAT EXIST ARE TO BE PATCHED AND SECURED.
- 02.20 EXISTING PASS THRU FRIDGE TO REMAIN - PROTECT DURING CONSTRUCTION.
- 02.23 EXISTING PHARMACY WINDOW AND OVERHEAD GRILL TO REMAIN - PROTECT DURING CONSTRUCTION.
- 02.61 REMOVE EXISTING COAT HOOKS AND SALVAGE FOR REINSTALLATION. SEE NEW FLOOR PLAN.
- 03.24 HATCHED AREA INDICATE NEW CONCRETE SLABS - MAKE SMOOTH TRANSITION TO EXISTING SLABS - TYP.
- 05.02 NEW STAINLESS STEEL SHELF, WALL MOUNTED, 60"W X 12"D, O.F.C.I.
- 05.03 NEW 3-TIER LOCKERS WITH SLOPED DUST FREE TOPS - SEE INTERIOR ELEVATIONS.
- 06.04 NEW SYSTEMS FURNITURE BY OTHERS - COORDINATE ELECTRICAL REQUIREMENTS WITH ELECTRICAL DRAWINGS.
- 08.01 NEW AUTOMATIC SLIDING DOOR ASSA ABL0Y BESAM SL500 3A-PP - FINISH OPENING TO BE 3'-4"W MIN. COORDINATE ELECTRICAL REQUIREMENTS W/ ELECTRICAL DRAWINGS. SEE DOOR SCHEDULE. DOORS AND ALL ASSOCIATED HARDWARE TO BE C.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 C.F.C.I.
- 09.05 PROVIDE 4" WIDE RED VINYL DEMARCATION LINE WHERE SHOWN.
- 09.09 STAINLESS STEEL CORNER GUARD INSTALLED ABOVE WALL BASE AT ALL OUTSIDE CORNERS.
- 09.11 CORNER GUARDS TO MATCH CORRIDOR CORNER GUARDS AT ALL EXTERIOR CORNERS.
- 11.01 NEW 4'-0" STAINLESS STEEL TABLE - O.F.C.I.
- 11.02 EXISTING STAINLESS STEEL TABLE - RELOCATED. COORDINATE WITH OWNER.
- 11.03 NEW STAINLESS STEEL CART - O.F.C.I.
- 11.04 NEW 4'-0" STAINLESS STEEL SHELF O.F.C.I.
- 11.05 NEW MAC MEDICAL SURGICAL SCRUB SINK MODEL #SS32 W/ INWALL CARRIER MODEL #IS001 - O.F.C.I. - COORDINATE W/ PLUMBING & ELECTRICAL DRAWINGS.
- 11.06 NEW MICROWAVE OVEN - O.F.O.J.
- 11.08 EXISTING REFRIGERATOR - RELOCATED. COORDINATE WITH OWNER.
- 11.09 EXISTING NARC VAULTS - RELOCATED. COORDINATE WITH OWNER.
- 11.10 EXISTING FREEZER - RELOCATED. COORDINATE WITH OWNER.
- 11.11 NEW ERGOTRON WALL MOUNTED COMPUTER - O.F.C.I.
- 11.13 EXISTING WALL MOUNTED TV - RELOCATED. COORDINATE WITH OWNER.
- 11.14 NEW SHARPS DISPOSAL FLOOR CART WITH WIRE DOLLY - O.F.C.I.
- 11.15 NEW 5' LAMINAR FLOW HOOD - O.F.C.I.
- 11.16 NEW PAPER SHREDDER - O.F.O.J.
- 11.17 NEW THRU WALL MOUNT. HEPA FILTERED, STAINLESS STEEL PASS THRU MODULE CAP18WHF-SST-18WX18HX18D - O.F.C.I.
- 11.18 NEW TV - O.F.C.I. - COORDINATE POWER AND DATA REQUIREMENTS WITH ELECTRICAL DRAWINGS AND OWNER.
- 12.03 NEW STAINLESS STEEL BENCH - O.F.C.I.
- 12.04 NEW 4'-0" SHELVING UNIT.
- 12.05 NEW 6'-0" SHELVING UNIT.
- 21.02 FIRE EXTINGUISHER CABINET.
- 26.01 PRIORITY BUZZER.
- 26.02 SECONDARY BUZZER LOCATION.

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A602A FOR WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

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



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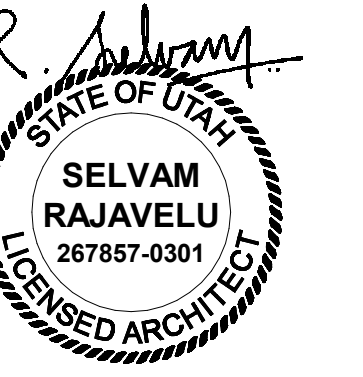
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NJRA Project # 19228.04
Construction Documents April 2021

Floor Plan
Level 1

A112

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KEYED NOTES

01.11 CONTRACTOR TO UPGRADE EXISTING WALL TO MEET C3 REQUIREMENTS.

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A602A FOR WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

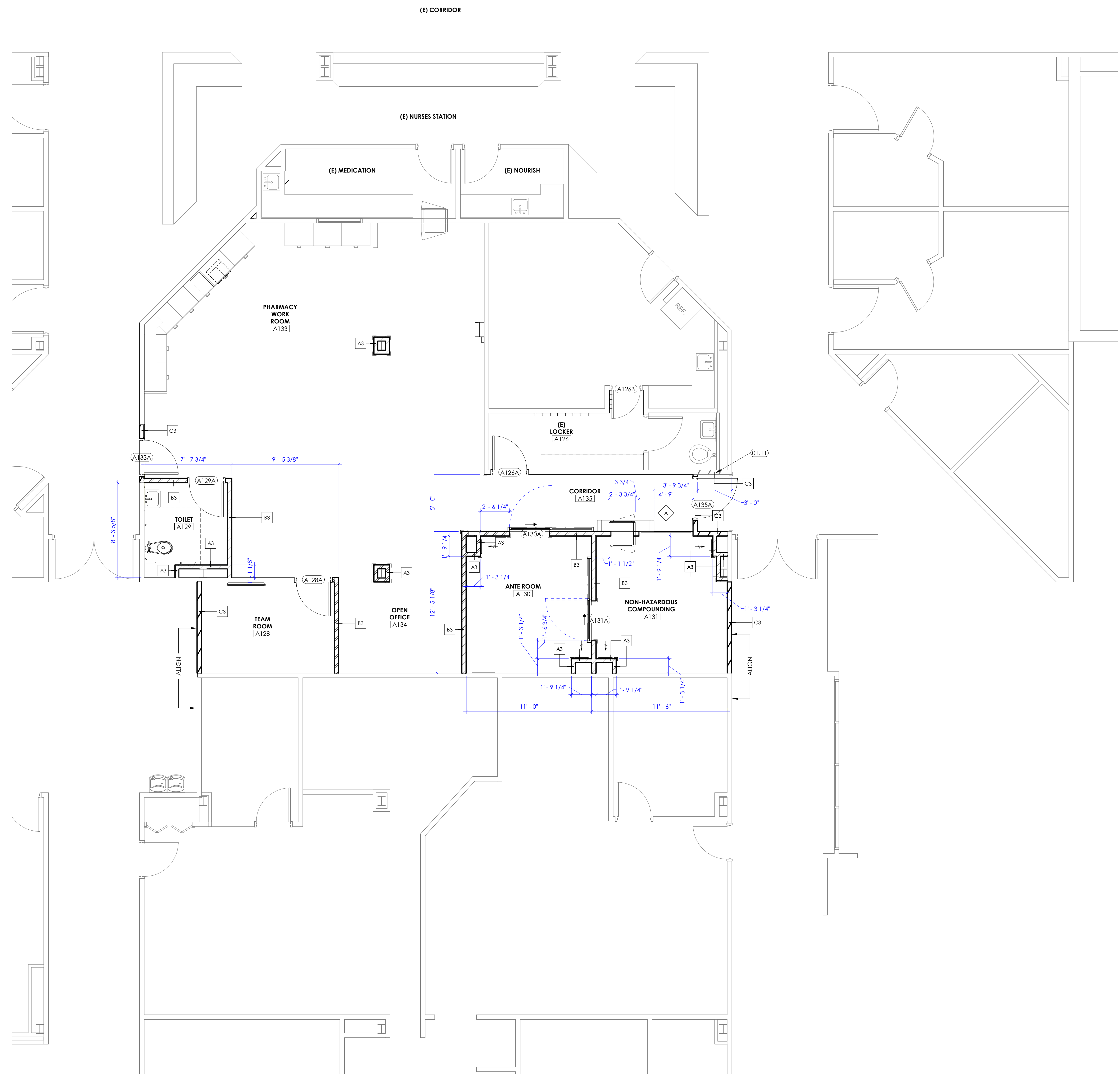
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Cassia Regional Medical Center
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Construction Documents April 2021

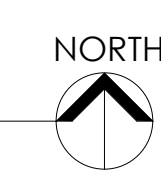
Dimension
Floor Plan
Level 1

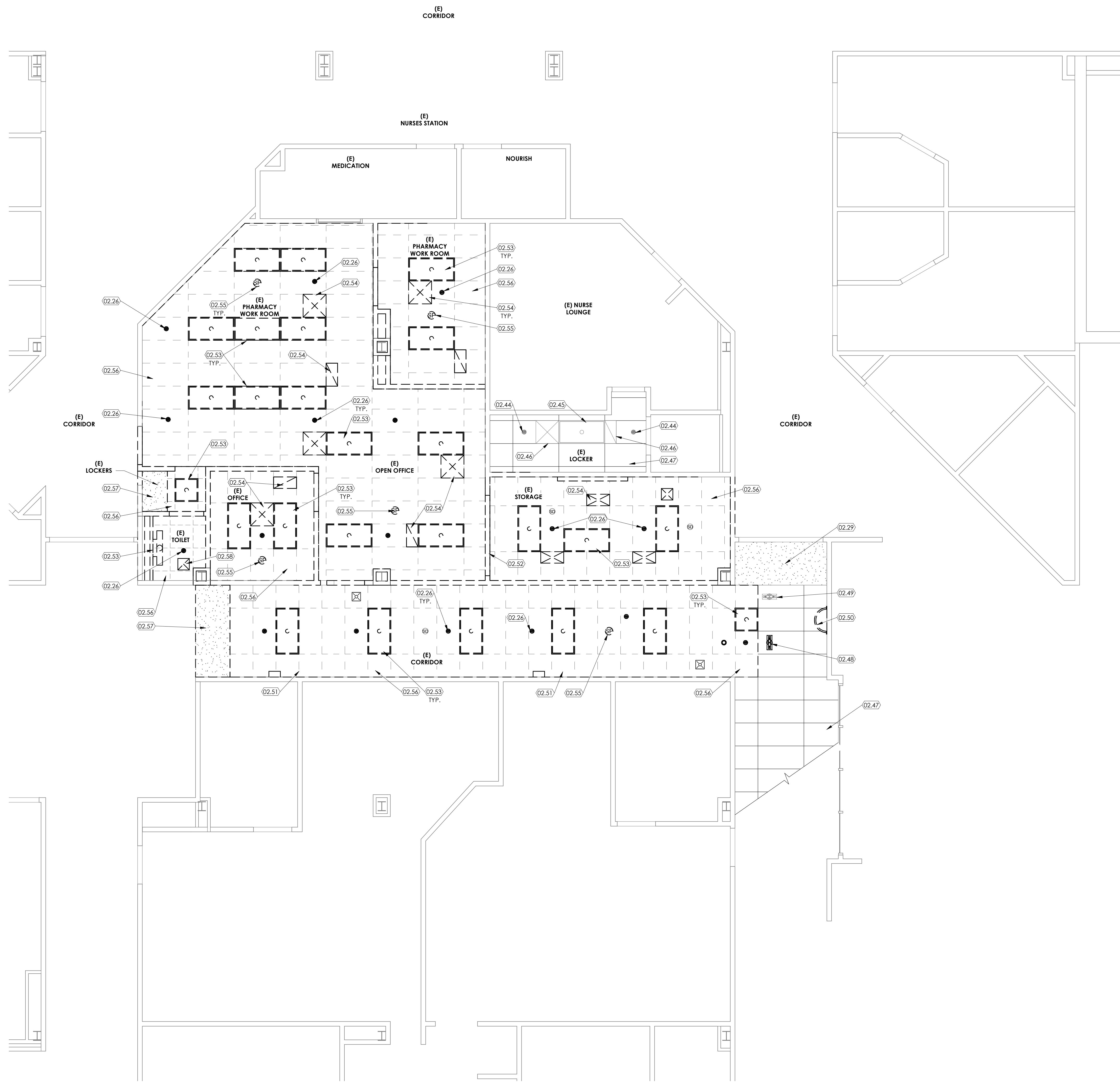
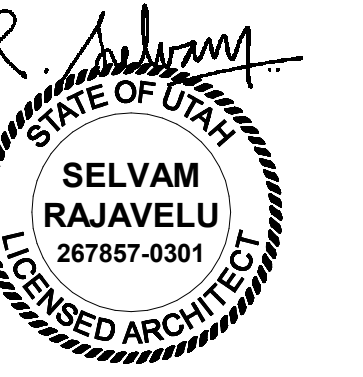
A113



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

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KEYED NOTES

- 02.26 EXISTING FIRE SPRINKLER HEADS TO BE PROTECTED THROUGHOUT CONSTRUCTION AREA. CONTRACTOR TO PROVIDE SPRINKLER DRAWINGS FOR ANY NECESSARY REVISIONS TO THE CURRENT SYSTEM.
- 02.29 EXISTING GYPSUM BOARD CEILING TO REMAIN - PROTECT DURING CONSTRUCTION.
- 02.44 EXISTING FIRE SPRINKLER HEAD TO REMAIN - PROTECT DURING CONSTRUCTION.
- 02.45 EXISTING LIGHT FIXTURE TO REMAIN - PROTECT DURING CONSTRUCTION.
- 02.46 EXISTING MECHANICAL DIFFUSER TO REMAIN - PROTECT DURING CONSTRUCTION.
- 02.47 EXISTING LAY-IN CEILING TILE AND GRID SYSTEM TO REMAIN - PROTECT DURING CONSTRUCTION.
- 02.48 EXISTING EXIT SIGN TO BE REMOVED COMPLETE - COORDINATE SCOPE OF WORK WITH ELECTRICAL DRAWINGS.
- 02.49 EXISTING EXIT SIGN TO REMAIN - PROTECT DURING CONSTRUCTION.
- 02.50 EXISTING CYLINDRICAL MIRROR TO BE REMOVED COMPLETE - PREP CEILING AND WALL TO RECEIVE NEW FINISHES.
- 02.51 EXISTING WALL SCONCE LIGHT FIXTURE TO BE REMOVED COMPLETE - COORDINATE WITH ELECTRICAL DRAWINGS.
- 02.52 EXISTING CEILING HEADER TO BE REMOVED COMPLETE.
- 02.53 EXISTING LIGHT FIXTURE TO BE REMOVED COMPLETE - COORDINATE WITH OWNER IF ITEMS TO BE SALVAGED.
- 02.54 EXISTING MECHANICAL DIFFUSER TO BE REMOVED COMPLETE - COORDINATE WITH MECHANICAL DRAWINGS.
- 02.55 EXISTING SPEAKER SYSTEM TO BE REMOVED AND SALVAGED FOR RE-INSTALLATION.
- 02.56 EXISTING LAY-IN CEILING TILE AND SUSPENSION SYSTEM TO BE REMOVED COMPLETE.
- 02.57 EXISTING GYPSUM BOARD CEILING TO BE REMOVED COMPLETE.
- 02.58 EXISTING CEILING FAN TO BE REMOVED COMPLETE - COORDINATE WORK WITH MECHANICAL DRAWINGS.

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A602A FOR WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

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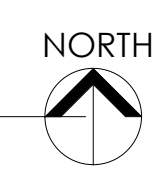
Demolition
Reflected
Ceiling Plan
Level 1

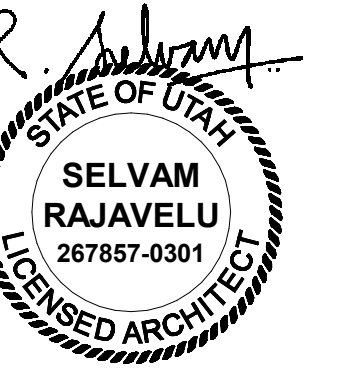
A114

1 Reflected Ceiling Demolition Plan Level 1 - Overall

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

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KEYED NOTES

- 02.45 EXISTING LIGHT FIXTURE TO REMAIN - PROTECT DURING CONSTRUCTION.
- 02.46 EXISTING MECHANICAL DIFFUSER TO REMAIN - PROTECT DURING CONSTRUCTION.
- 02.47 EXISTING LAY-IN CEILING TILE AND GRID SYSTEM TO REMAIN - PROTECT DURING CONSTRUCTION.
- 08.06 24" X 24" SMOKE TIGHT ACCESS PANEL WITH GASKET. SEE CEILING DETAILS ON A503A.
- 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.
- 09.13 NEW CEILING GRID & TILE. SEE CEILING DETAILS ON A503A.
- 09.14 NEW GYPSUM BOARD CEILING.
- 23.03 NEW FAN FILTER UNIT. SEE MECHANICAL DRAWINGS.
- 23.04 NEW CEILING DIFFUSER - COORDINATE WITH MECHANICAL DRAWINGS.
- 23.05 NEW CEILING FAN - SEE MECHANICAL DRAWINGS.
- 26.04 CEILING MOUNTED CAMERA. SEE ELECTRICAL DRAWINGS.
- 26.05 NEW LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.
- 26.06 RELOCATED CEILING MOUNTED SPEAKER.
- 26.07 NEW CEILING MOUNTED SPEAKER.

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A602A FOR WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

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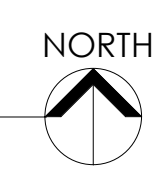
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NJRA Project # 19228.04
Construction Documents April 2021

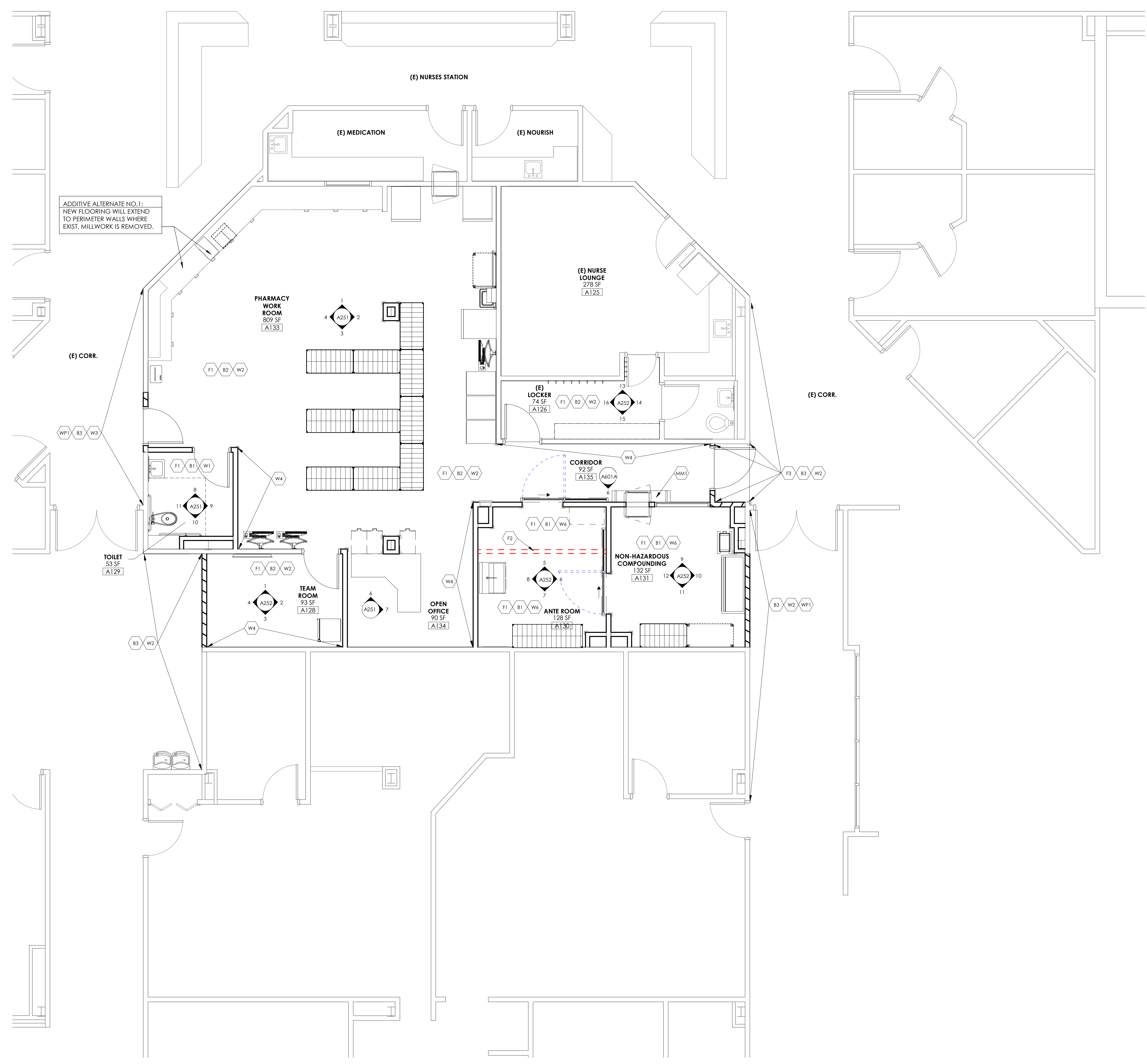
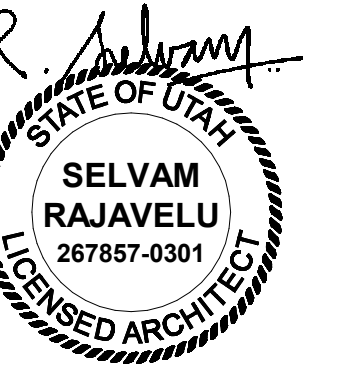
Reflected Ceiling Plan
Level 1

A115

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



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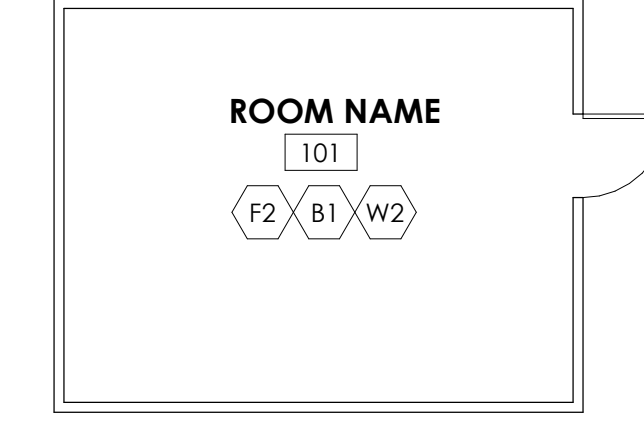


ADDITIVE ALTERNATE NO. 1:
NEW FLOORING WILL EXTEND
TO PERIMETER WALLS WHERE
EXIST. MILLWORK IS REMOVED.

KEYED NOTES

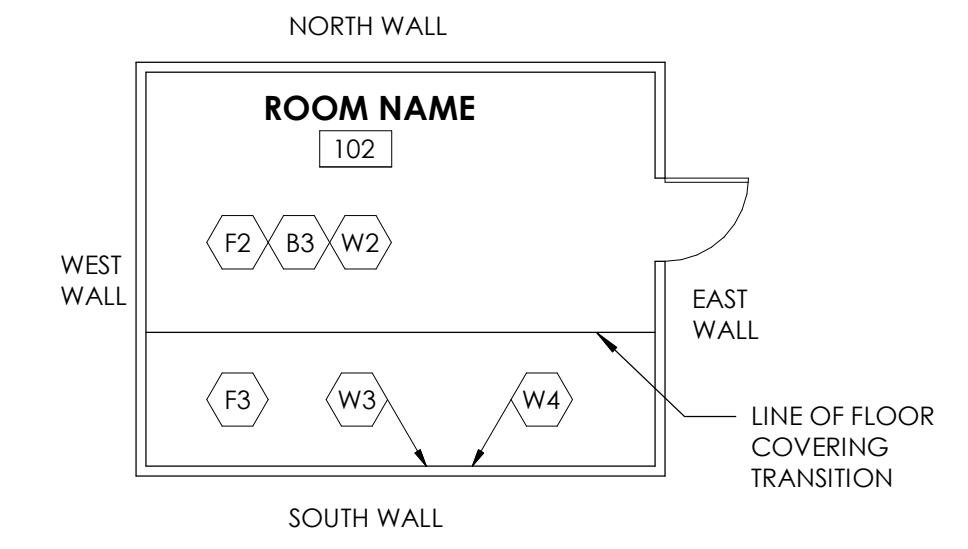
FINISH PLAN - SAMPLE LAYOUT

SAMPLE LAYOUT 1



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

SAMPLE LAYOUT 2



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

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A602A FOR WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

Intermountain Healthcare
 Cassia Regional Medical Center
 Pharmacy Remodel (USP 797)

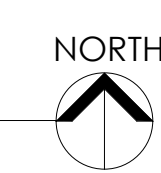
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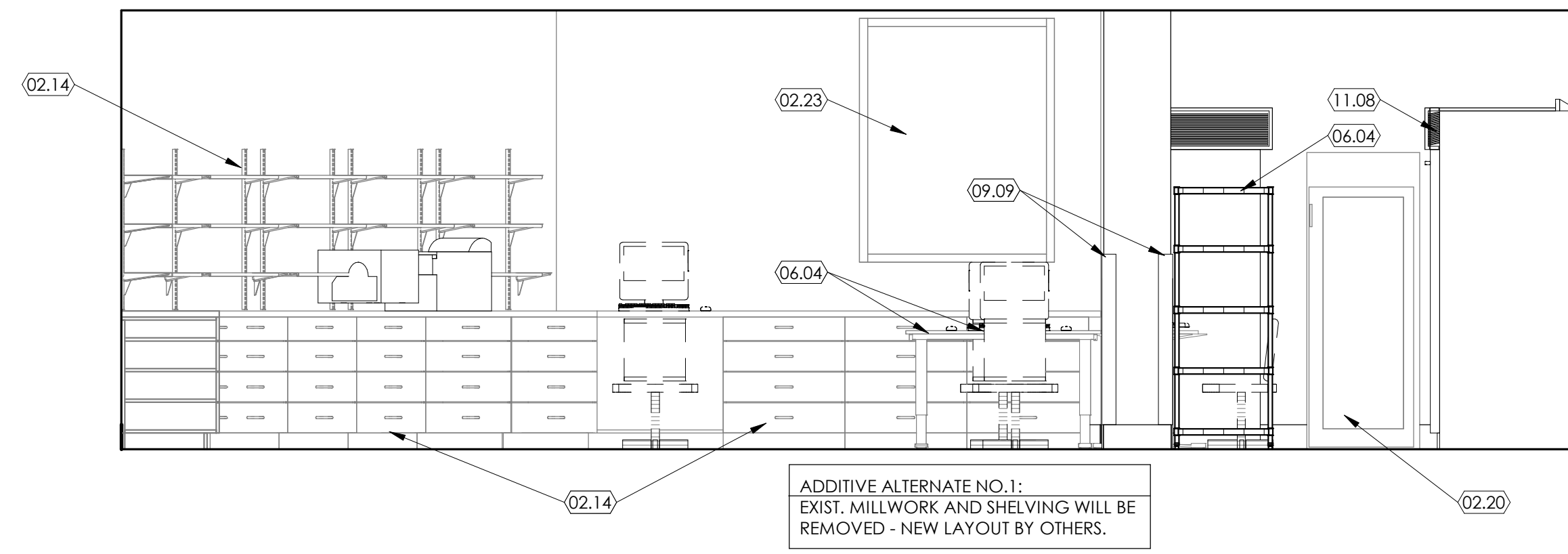
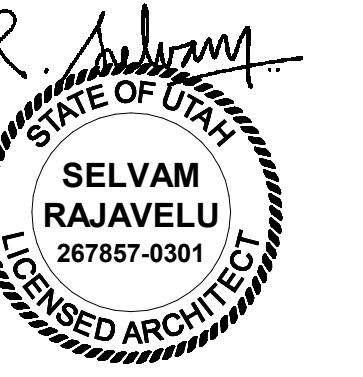
Finish Floor
Plan Level 1

A117

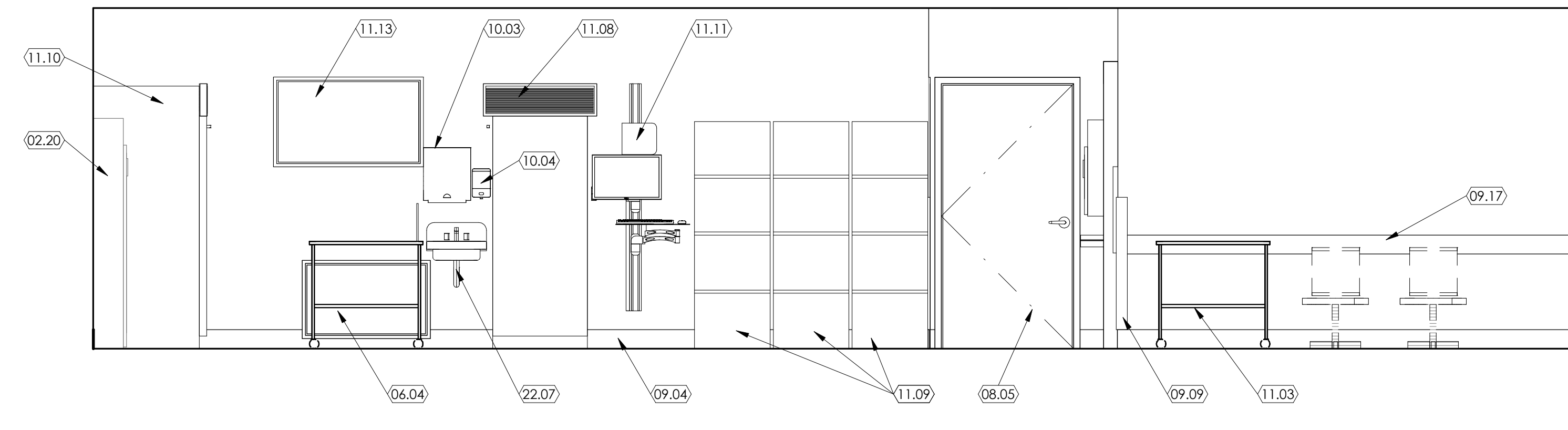
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1 Finish Floor Plan Level 1
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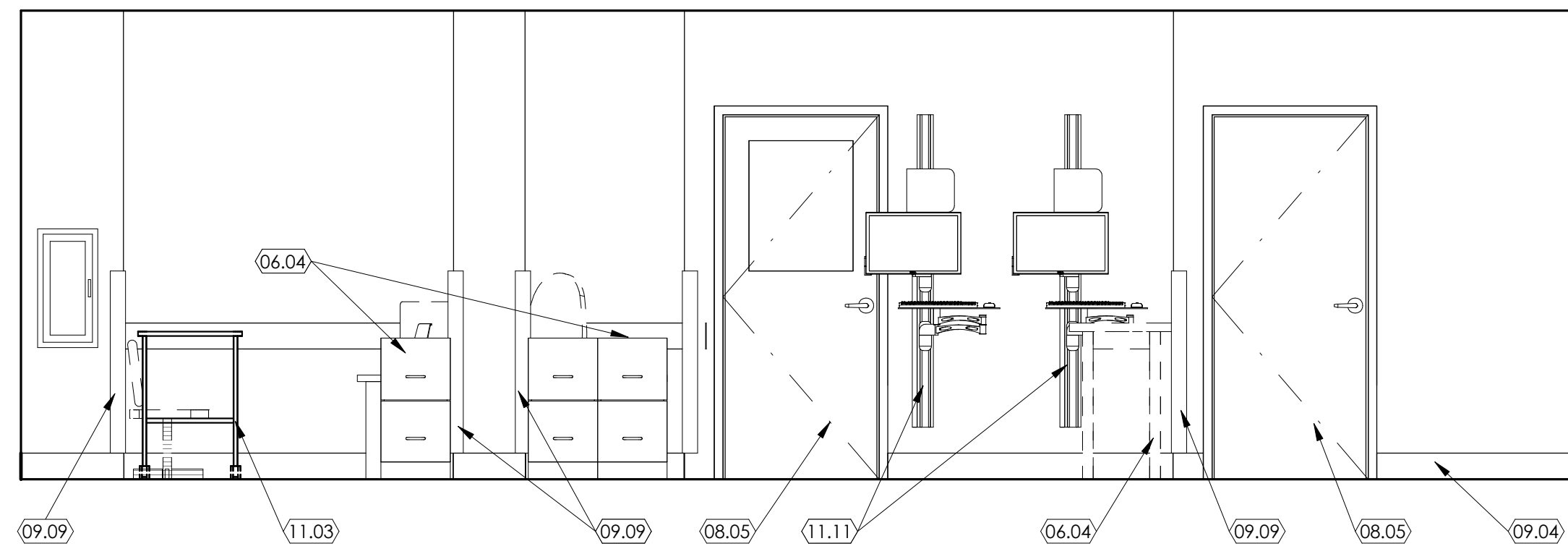




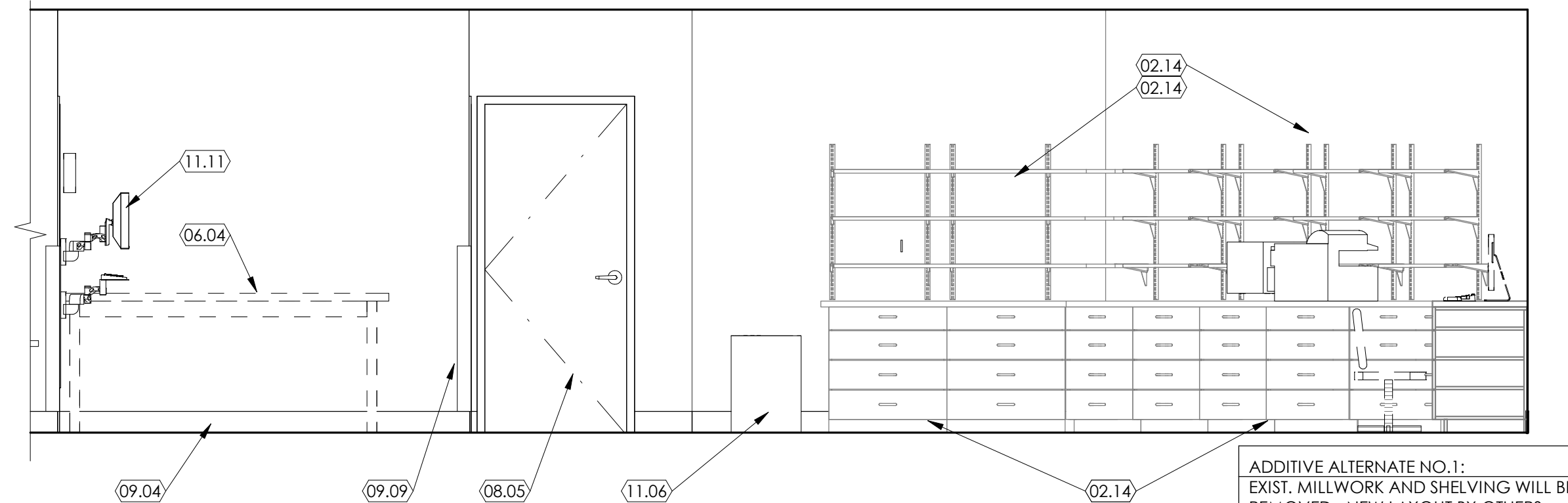
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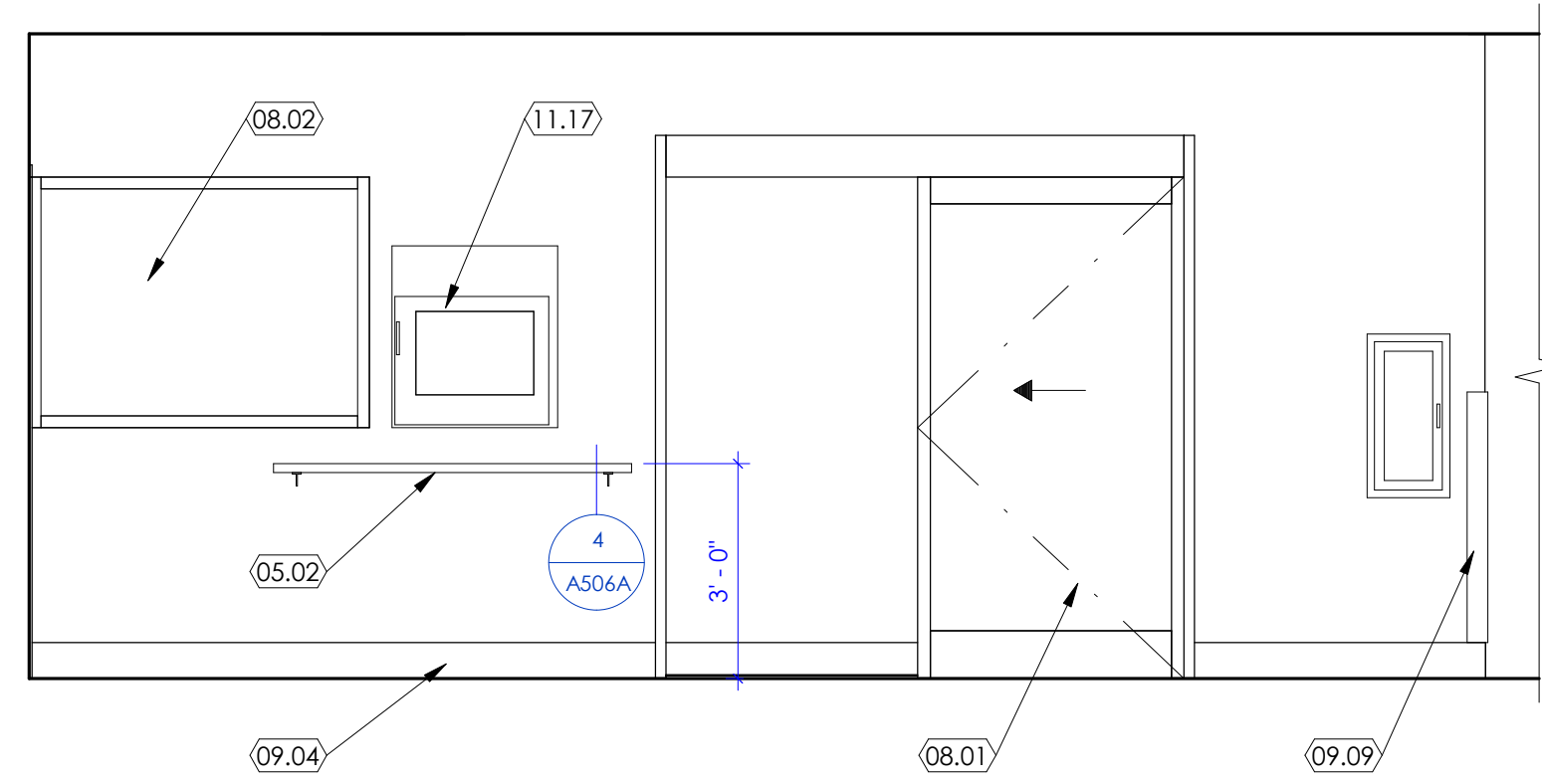
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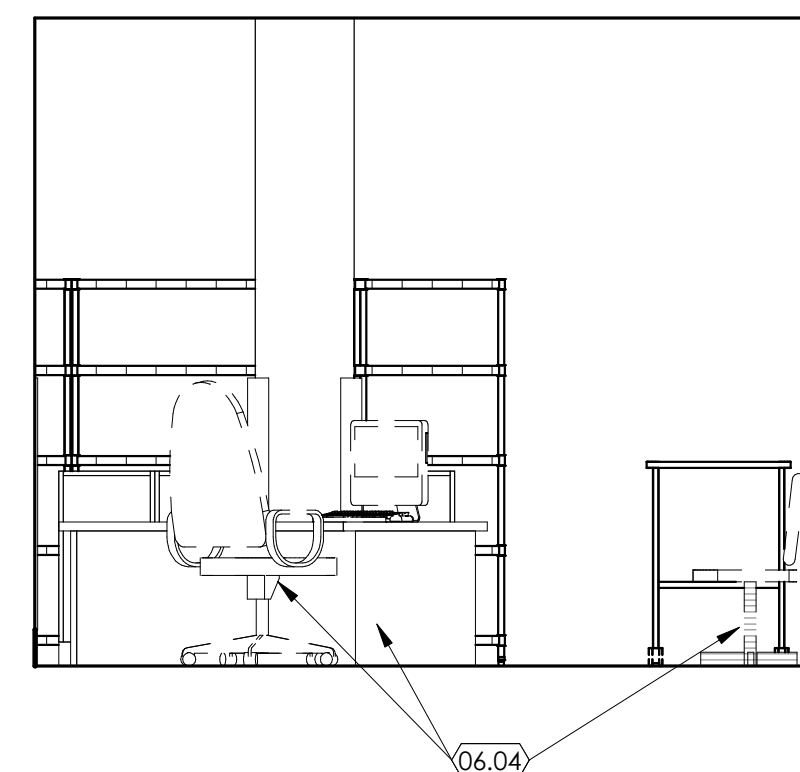
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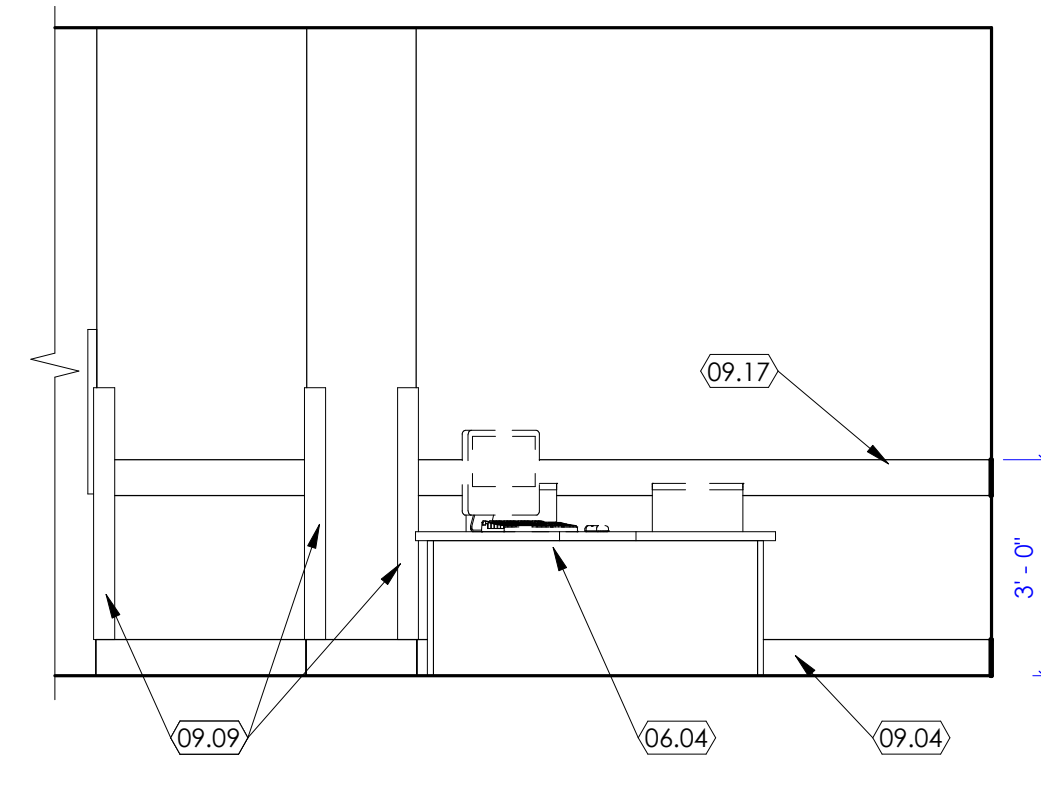
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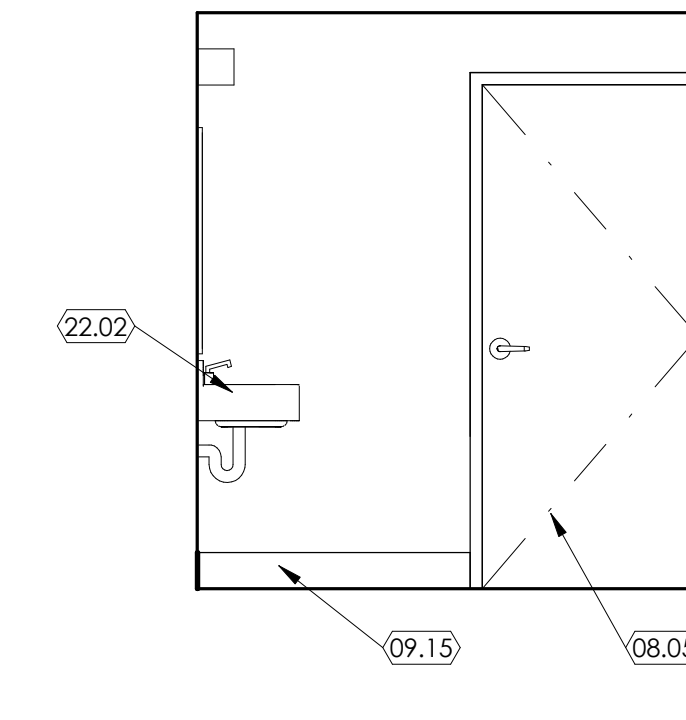
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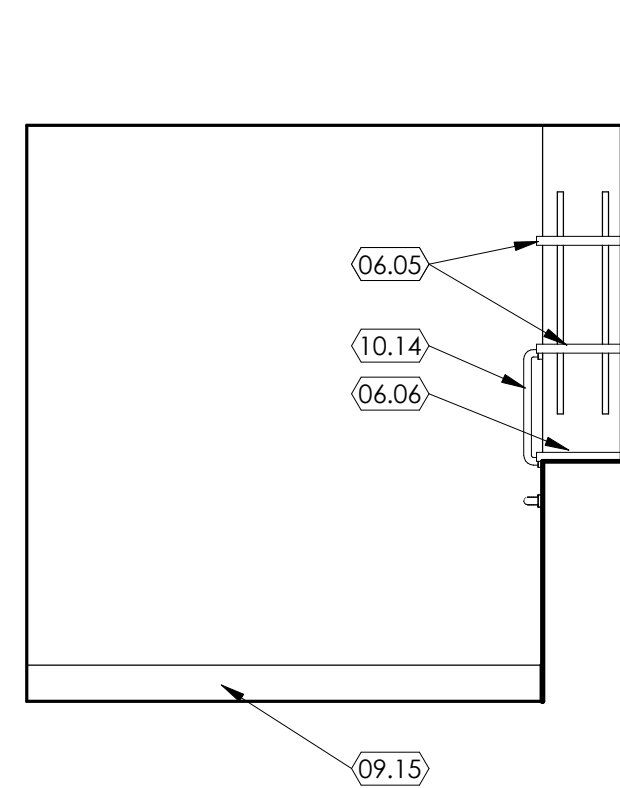
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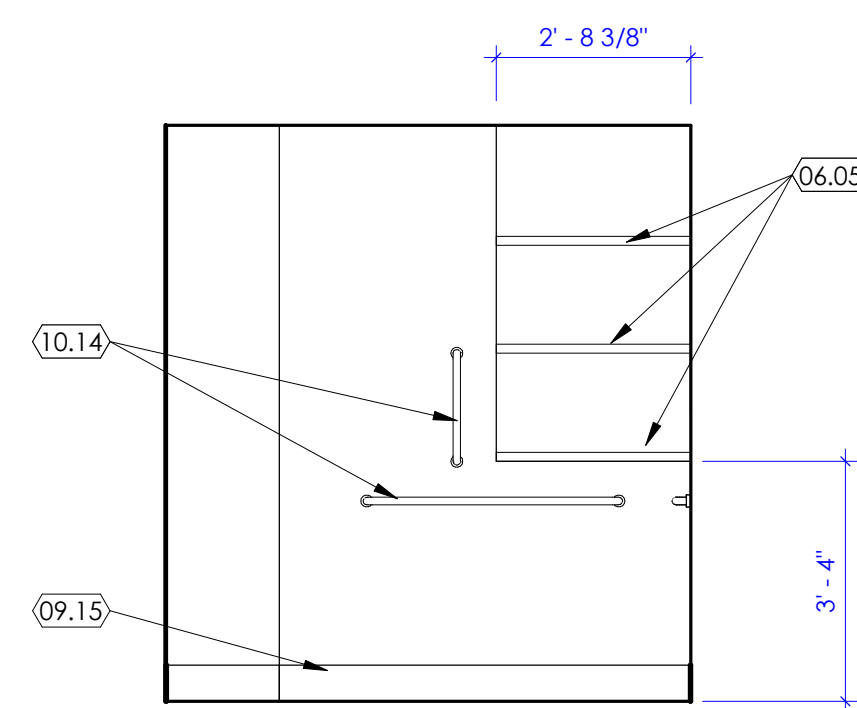
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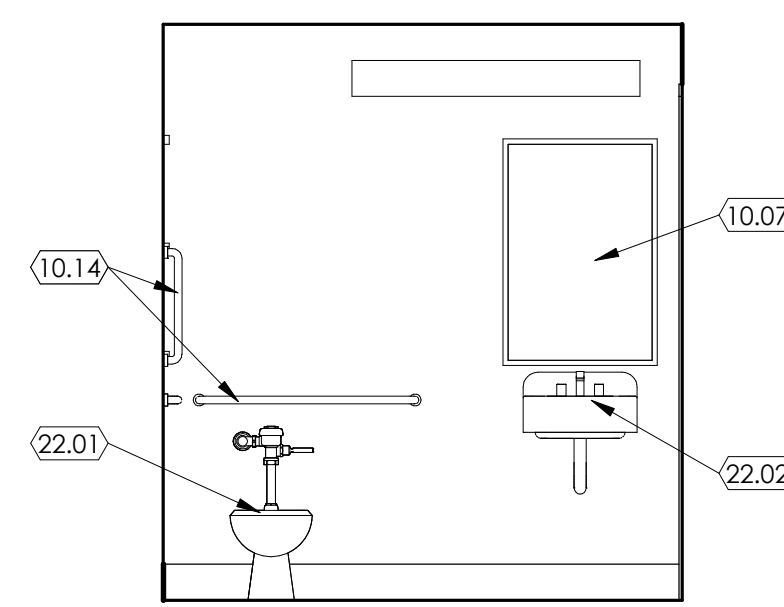
8 Restroom
SCALE: 3/8" = 1'-0"



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



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



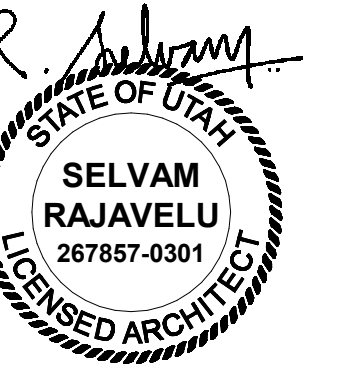
11 Restroom
SCALE: 3/8" = 1'-0"

KEYED NOTES

- 02.14 EXISTING MILLWORK AND SHELVING TO REMAIN - PROTECT DURING CONSTRUCTION.
- 02.20 EXISTING PASS THRU FRIDGE TO REMAIN - PROTECT DURING CONSTRUCTION.
- 02.23 EXISTING PHARMACY WINDOW AND OVERHEAD GRILL TO REMAIN - PROTECT DURING CONSTRUCTION.
- 05.02 NEW STAINLESS STEEL SHELF, WALL MOUNTED, 40"W X 12"D, O.F.C.I.
- 06.04 NEW SYSTEMS FURNITURE BY OTHERS - COORDINATE ELECTRICAL REQUIREMENTS WITH ELECTRICAL DRAWINGS.
- 06.05 ADJUSTABLE SHELVING - PLASTIC LAMINATE.
- 06.06 PLASTIC LAMINATE BOTTOM SHELF.
- 08.01 NEW AUTOMATIC SLIDING DOOR ASSA ABLOY BESAM S1500 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 C.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 C.F.C.I.
- 08.05 NEW DOOR. SEE DOOR SCHEDULE.
- 09.04 NEW 4" COVERED BASE. SEE FINISH SCHEDULE.
- 09.09 STAINLESS STEEL CORNER GUARD INSTALLED ABOVE WALL BASE AT ALL OUTSIDE CORNERS.
- 09.15 COVERED TILE BASE. SEE FINISH PLAN.
- 09.17 NEW WOOD CHAIR RAIL - SEE FINISH SCHEDULE.
- 10.03 PAPER TOWEL DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING FOR ALL OWNER FURNISHED ITEMS.
- 10.04 SOAP DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING FOR ALL OWNER FURNISHED ITEMS.
- 10.07 MIRROR, O.F.C.I.
- 10.14 GRAB BAR.
- 11.03 NEW STAINLESS STEEL CART, O.F.C.I.
- 11.06 NEW MICROWAVE OVEN - O.F.C.I.
- 11.08 EXISTING REFRIGERATOR - RELOCATED. COORDINATE WITH OWNER.
- 11.09 EXISTING HARC VALUIS - RELOCATED. COORDINATE WITH OWNER.
- 11.10 EXISTING FREEZER - RELOCATED. COORDINATE WITH OWNER.
- 11.11 NEW ERGOTRON WALL MOUNTED COMPUTER, O.F.C.I.
- 11.11 EXISTING WALL MOUNTED TV - RELOCATED. COORDINATE WITH OWNER.
- 11.17 NEW THRU WALL MOUNT, HEPA FILTERED, STAINLESS STEEL PASS THRU MODULE CAP 18WVF-SS1-18WV1-BK1-BD - O.F.C.I.
- 22.01 WATER CLOSET. SEE PLUMBING DRAWINGS.
- 22.02 LAVATORY. SEE PLUMBING DRAWINGS.
- 22.07 HAND WASH SINK. SEE PLUMBING DRAWINGS.

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A602A FOR WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

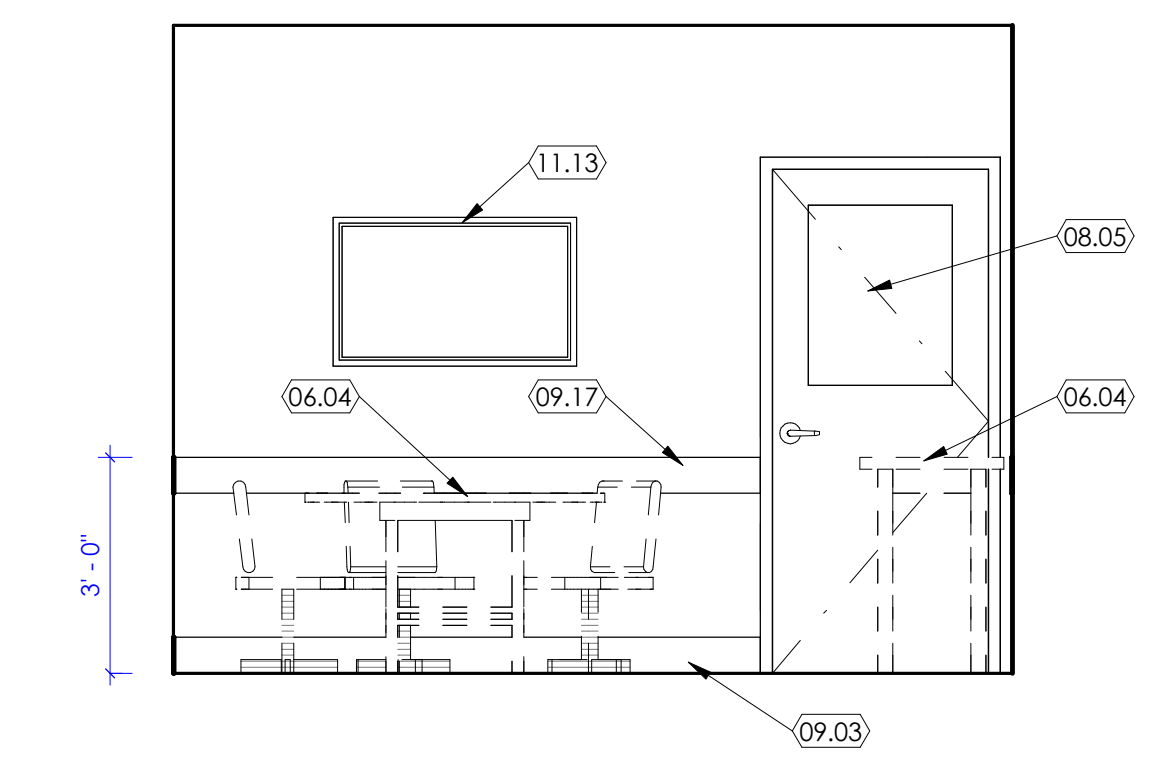


KEYED NOTES

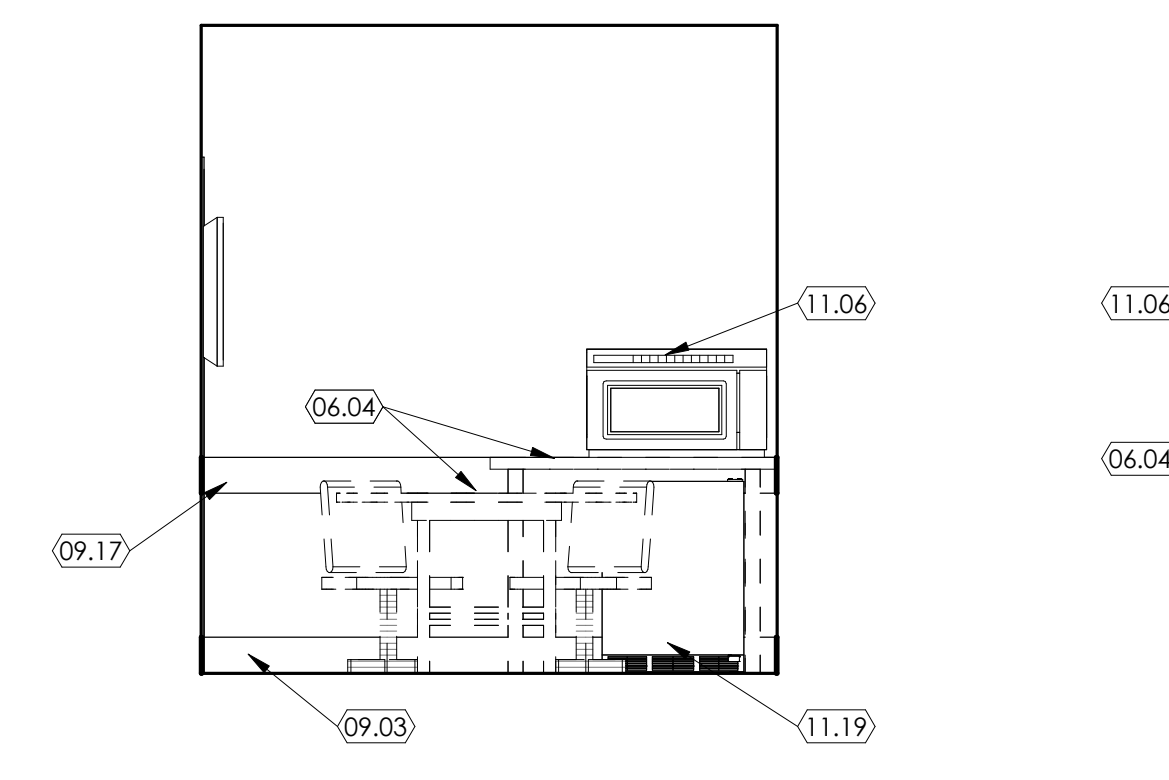
- 02.38 EXISTING DOOR AND FRAME TO REMAIN - PROTECT DURING CONSTRUCTION.
- 02.61 REMOVE EXISTING COAT HOOKS AND SALVAGE FOR REINSTALLATION. SEE NEW FLOOR PLAN.
- 05.01 NEW SHELVING, STAINLESS STEEL, 48"W X 24"D X 74"H, O.F.C.I.
- 05.03 NEW 3-TIER LOCKERS WITH SLOPED DUST FREE TOPS - SEE INTERIOR ELEVATIONS.
- 05.50 NEW 2 TIER LOCKERS WITH SLOPED DUST FREE TOPS - SEE INTERIOR ELEVATIONS
- 06.04 NEW SYSTEMS FURNITURE BY OTHERS - COORDINATE ELECTRICAL REQUIREMENTS WITH ELECTRICAL DRAWINGS.
- 08.01 NEW AUTOMATIC SLIDING DOOR, ASSA ABL OY BESAM SL500 SA-PP - FINISH OPENING TO BE 3'-4" MIN. COORDINATE ELECTRICAL REQUIREMENTS W/ ELECTRICAL DRAWINGS. SEE DOOR SCHEDULE. DOORS AND ALL ASSOCIATED HARDWARE TO BE C.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 C.F.C.I.
- 08.05 NEW DOOR. SEE DOOR SCHEDULE.
- 08.07 NEW DOOR HARDWARE. SEE DOOR SCHEDULE.
- 09.03 NEW 4" RUBBER BASE. SEE FINISH SCHEDULE.
- 09.04 NEW 6" COVED BASE. SEE FINISH SCHEDULE.
- 09.09 STAINLESS STEEL CORNER GUARD INSTALLED ABOVE WALL BASE AT ALL OUTSIDE CORNERS.
- 09.14 RE-PAINT EXISTING WALLS. SEE FINISH PLAN FOR MORE INFORMATION.
- 09.17 NEW WOOD CHAIR RAIL - SEE FINISH SCHEDULE.
- 10.07 MIRROR, O.F.C.I.
- 11.01 NEW 4'-0" STAINLESS STEEL TABLE, O.F.C.I.
- 11.05 NEW MAC MEDICAL SURGICAL SCRUB SINK, MODEL #S332 W/ INWALL CARRIER MODEL #S001 - O.F.C.I. - COORDINATE W/ PLUMBING & ELECTRICAL DRAWINGS.
- 11.06 NEW MICROWAVE OVEN - O.F.O.I.
- 11.12 WALL MOUNTED CLOCK, O.F.C.I.
- 11.13 EXISTING WALL MOUNTED TV - RELOCATED. COORDINATE WITH OWNER.
- 11.14 NEW SHARPS DISPOSAL FLOOR CART WITH WIRE DOLLY - O.F.C.I.
- 11.15 NEW 5' LAMINAR FLOW HOOD - O.F.C.I.
- 11.17 NEW THRU WALL MOUNT, HEPA FILTERED, STAINLESS STEEL PASS THRU MODULE CAP18WHF-SST-18WX18HX18D - O.F.C.I.
- 11.19 U.C. REFRIGERATOR, O.F.C.I.
- 12.01 FURNITURE, EQUIPMENT, ETC., NIC, (SHOWN DASHED)
- 12.03 NEW STAINLESS STEEL BENCH - O.F.C.I.
- 12.04 NEW 4'-0" SHELVING UNIT.
- 23.01 LOW AIR RETURN DUCT & CHASE. SEE MECHANICAL DRAWINGS.

GENERAL NOTES

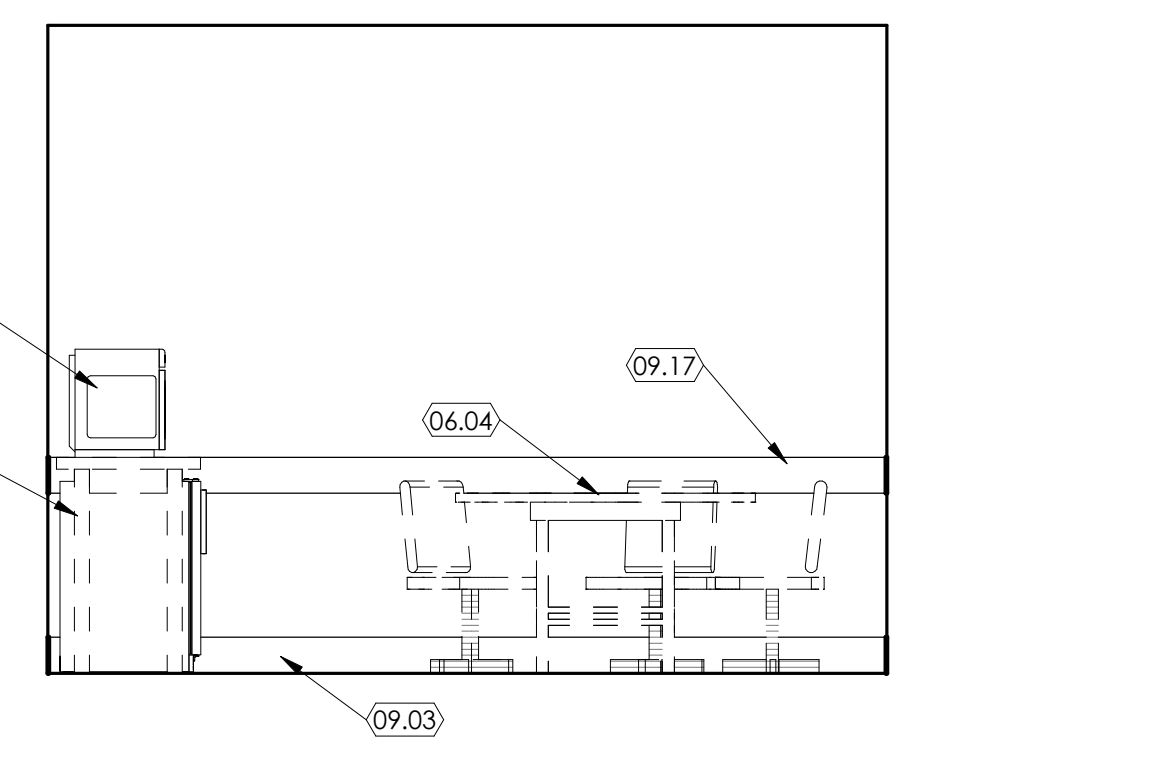
- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
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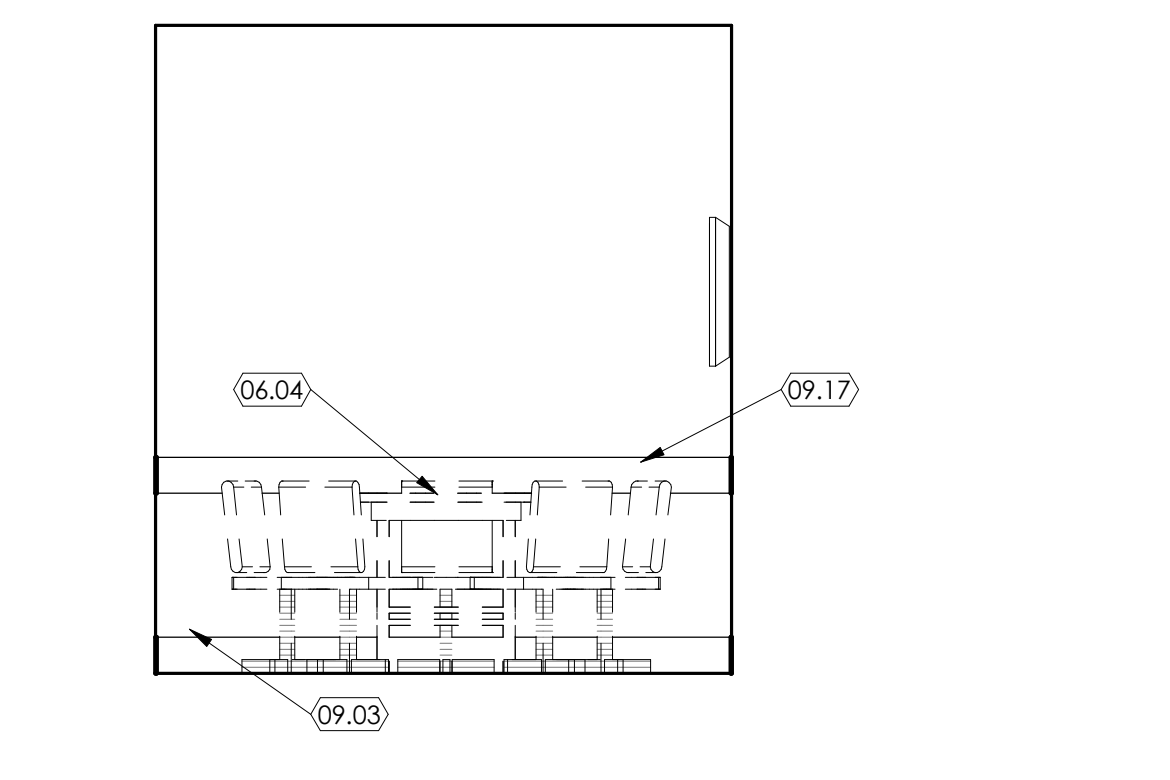
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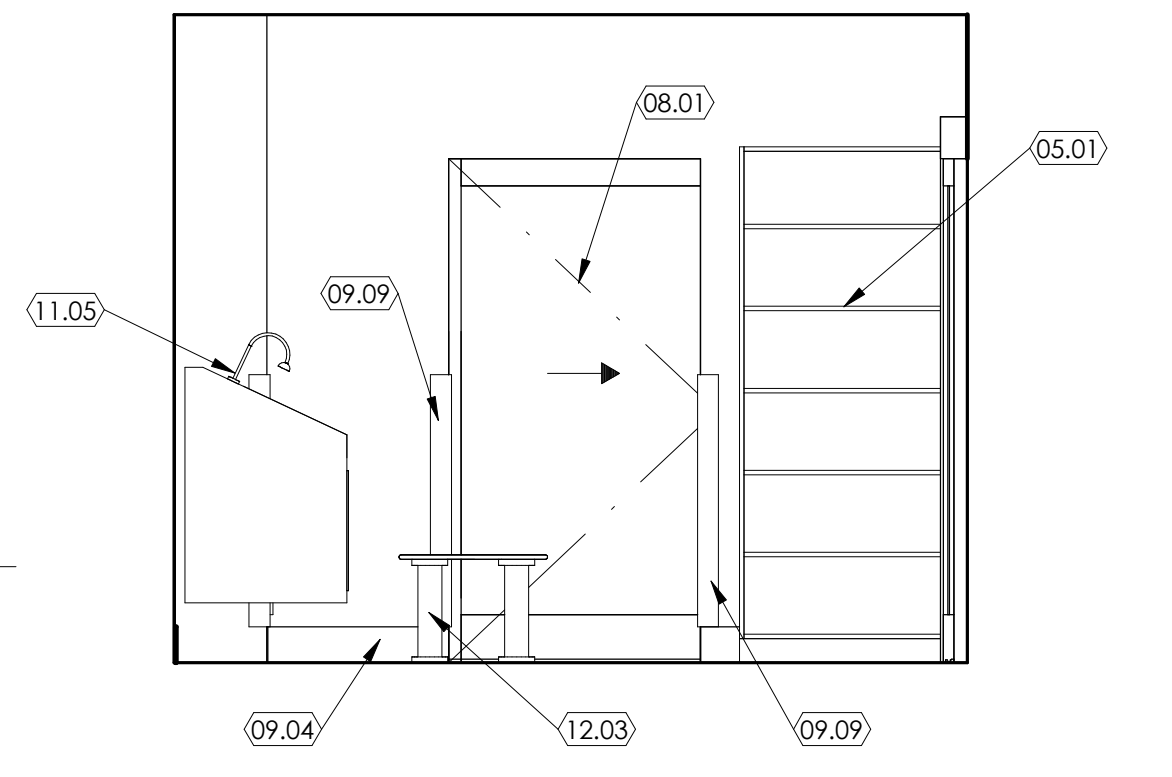
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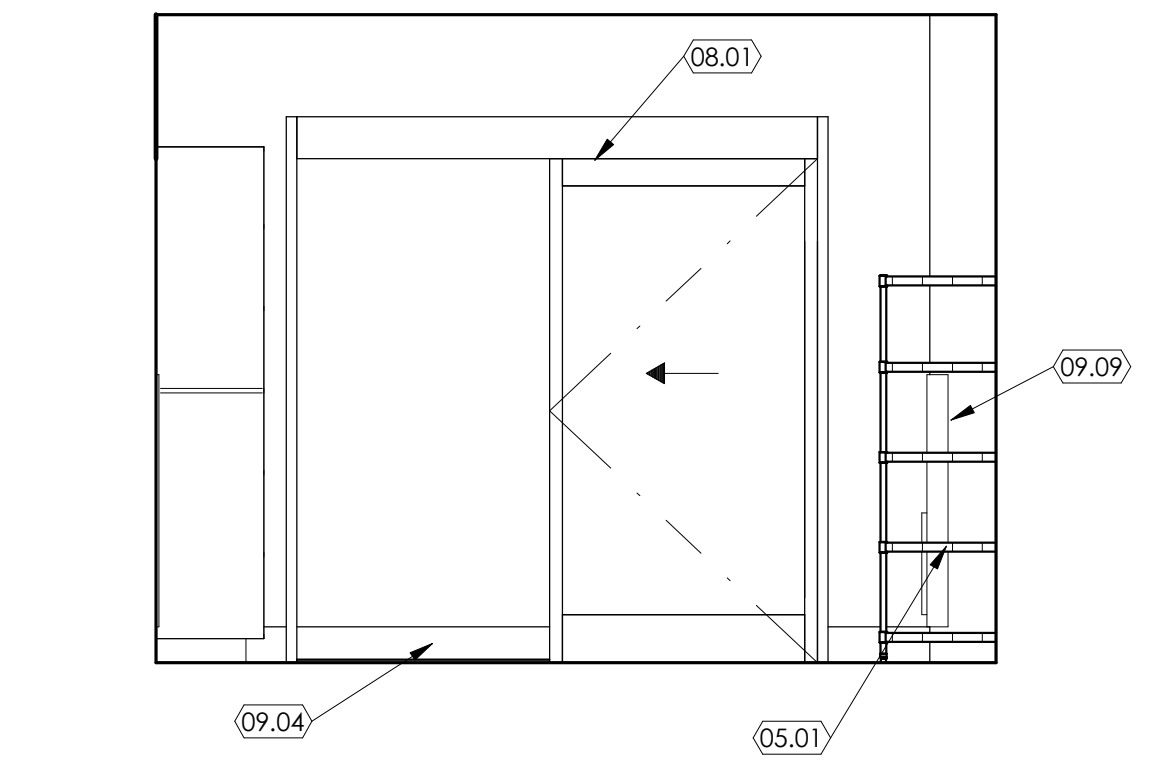
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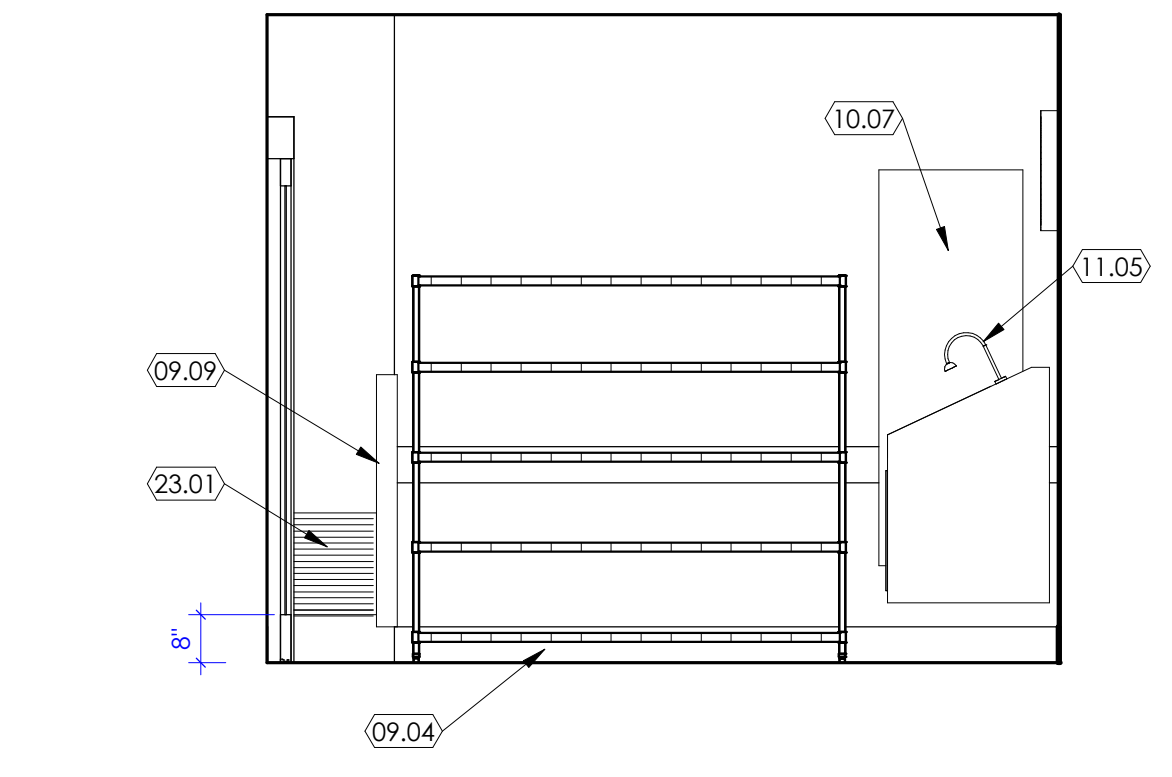
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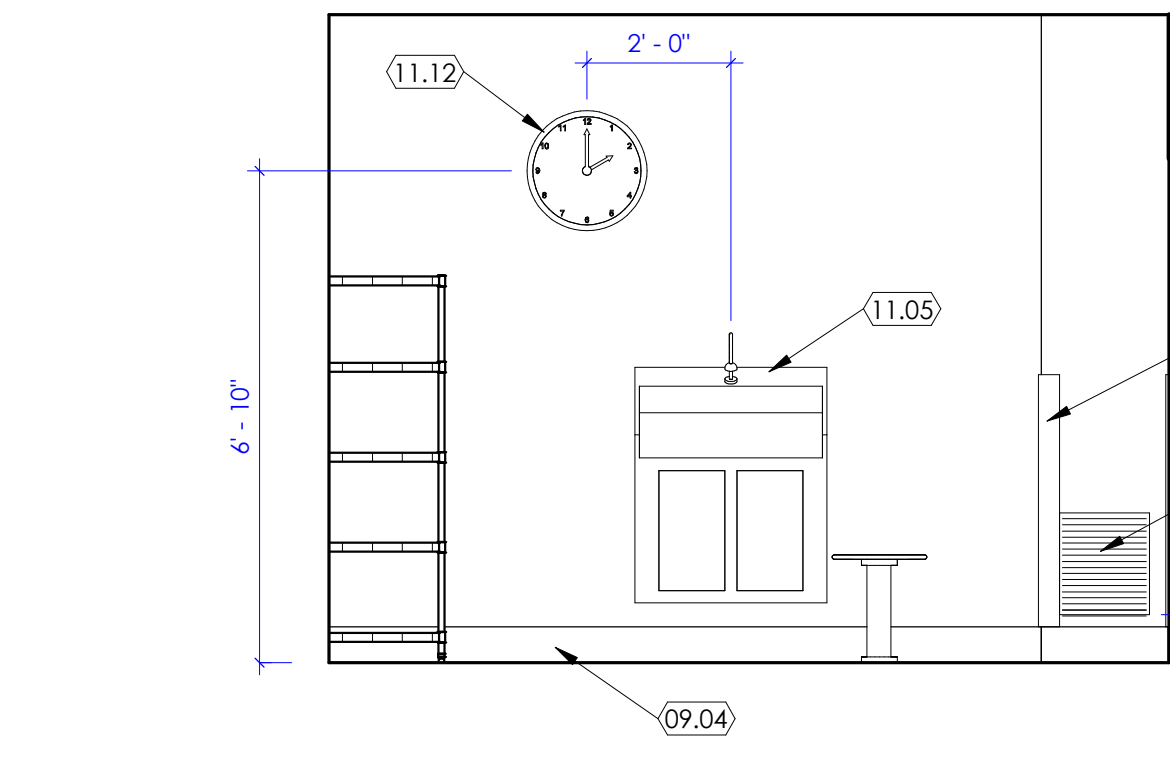
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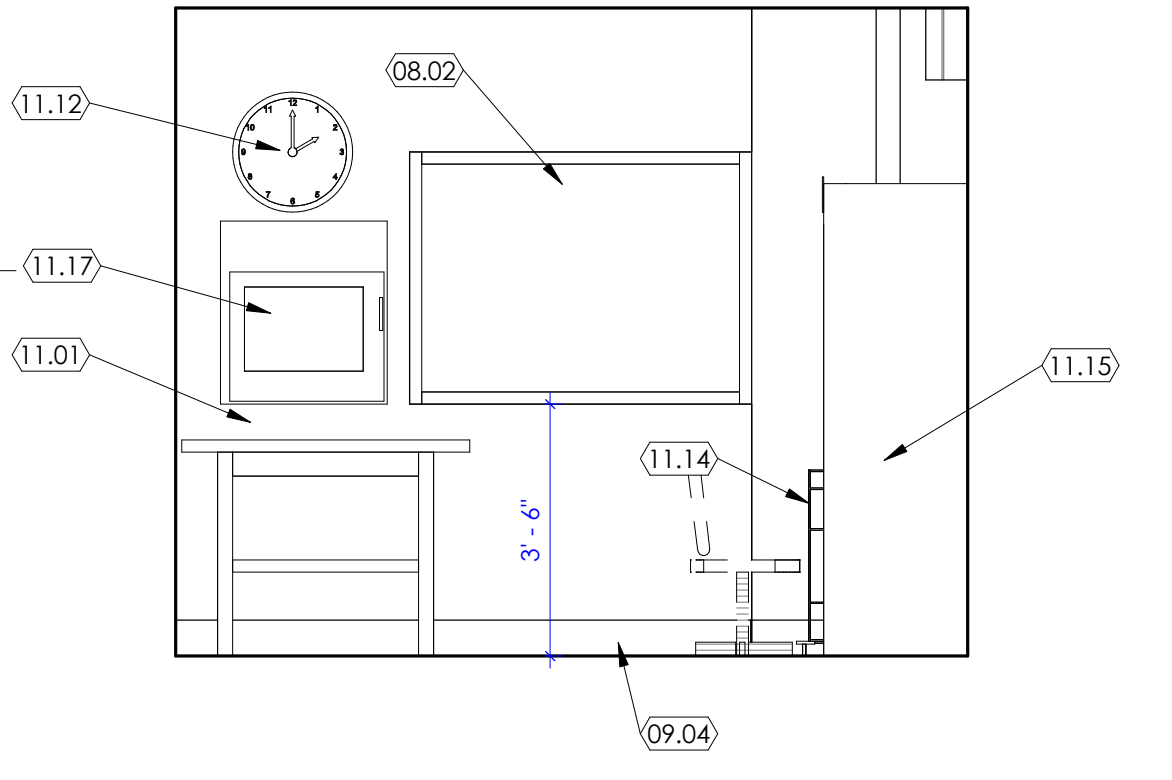
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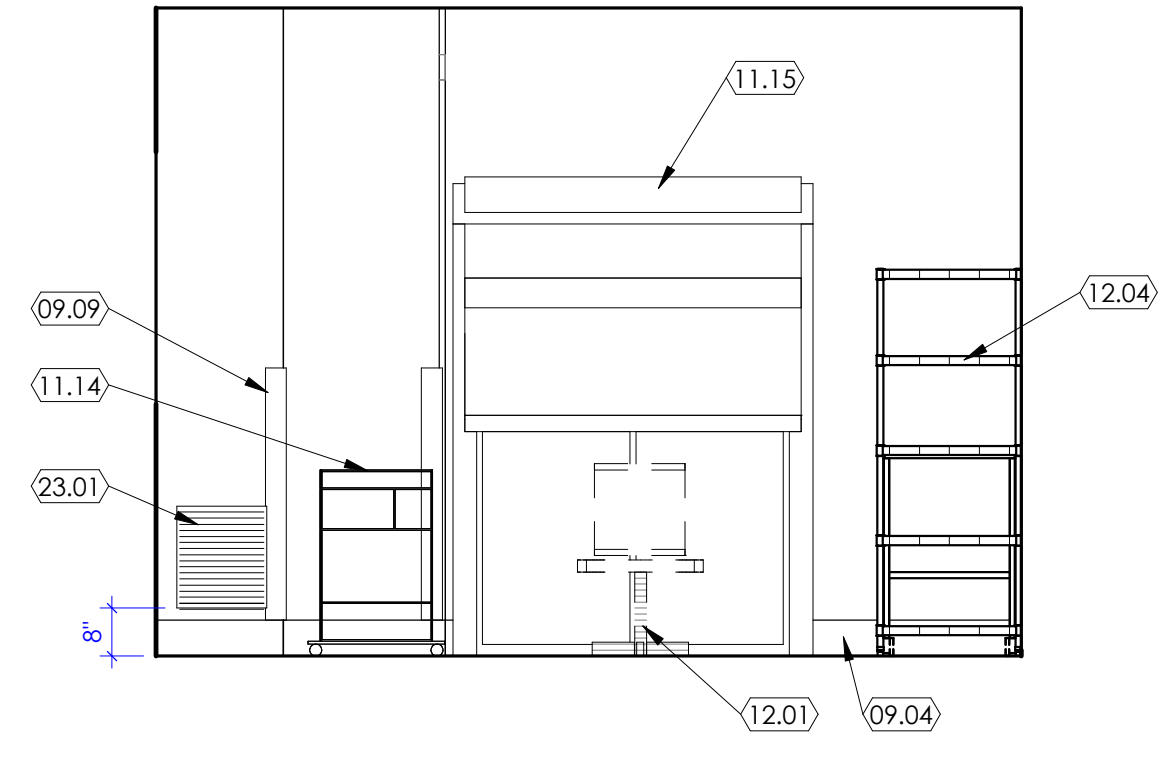
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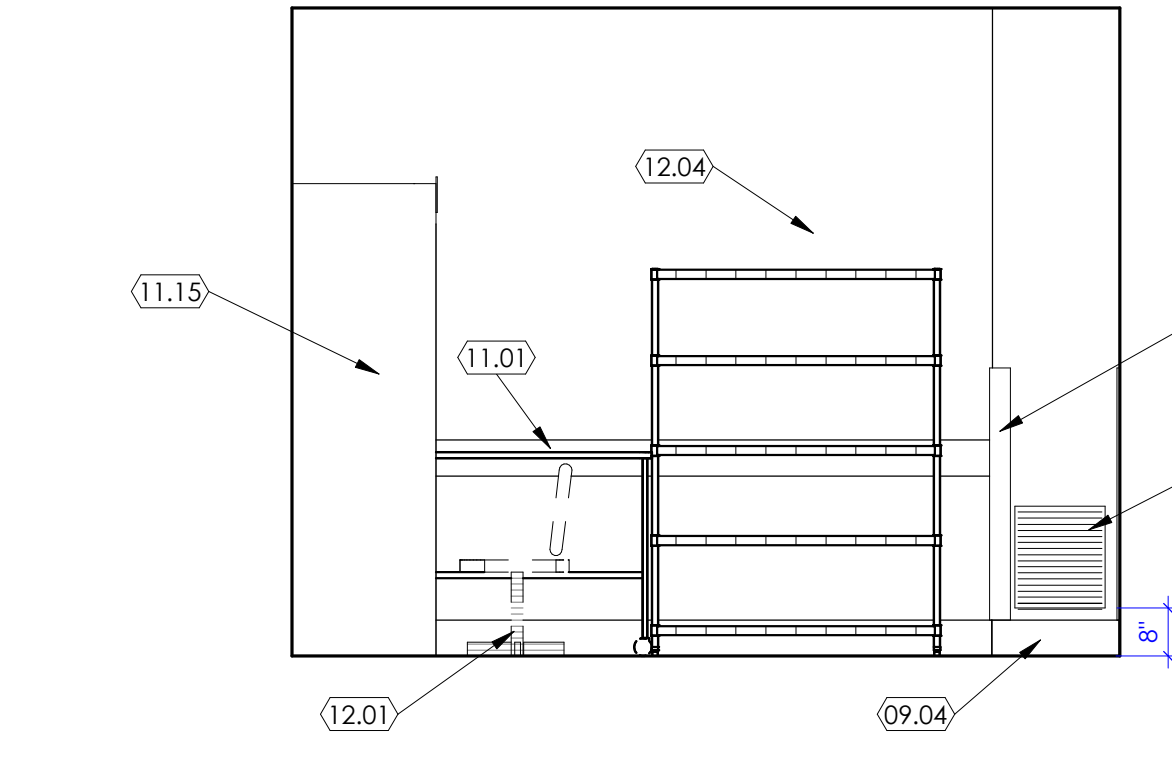
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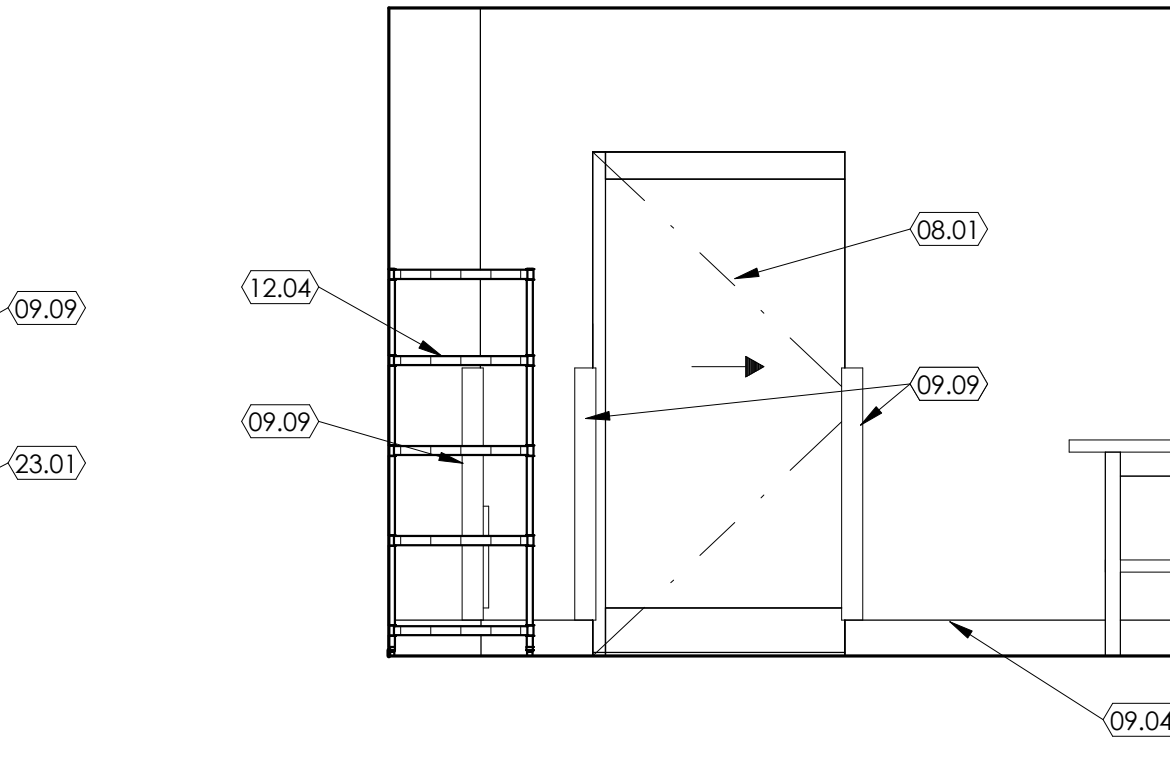
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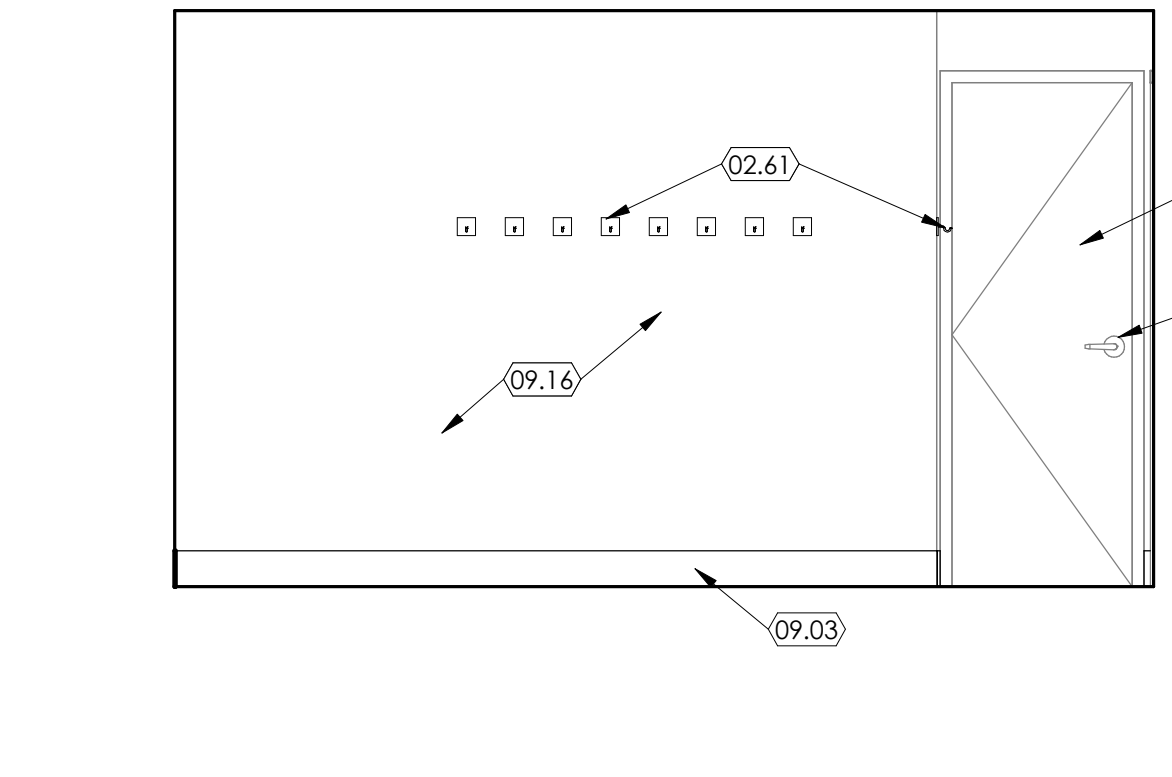
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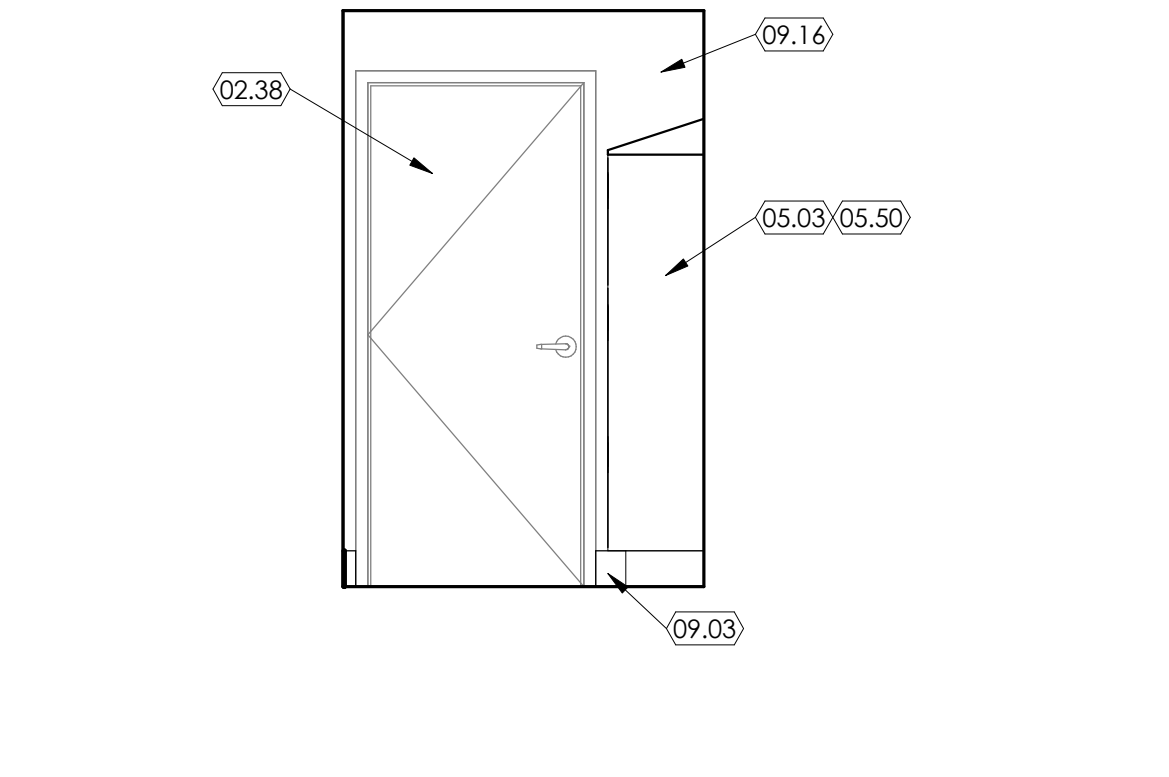
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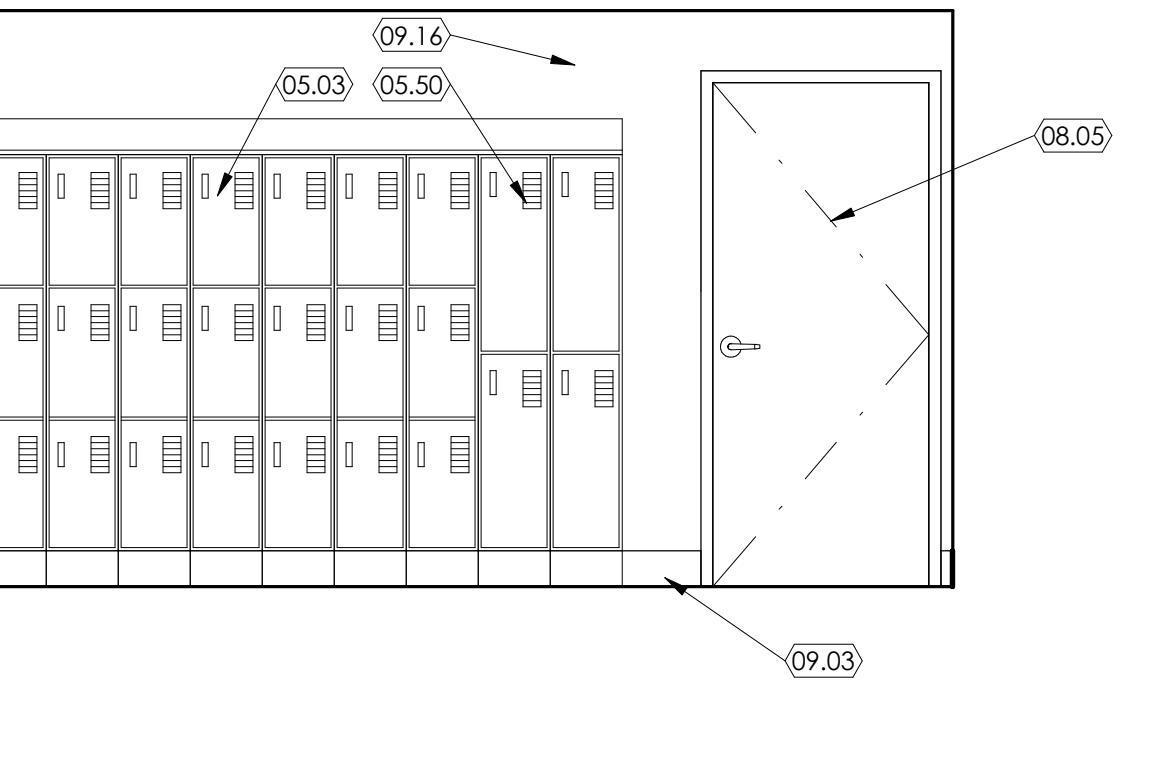
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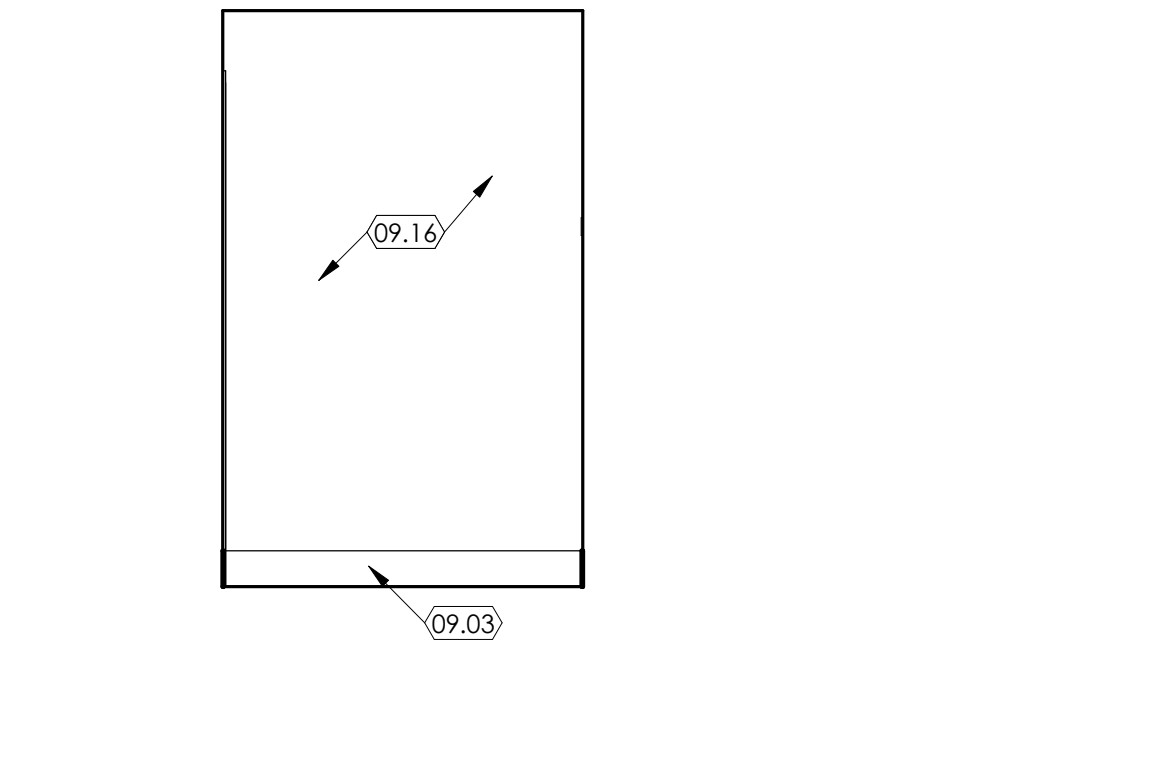
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14 Locker Room
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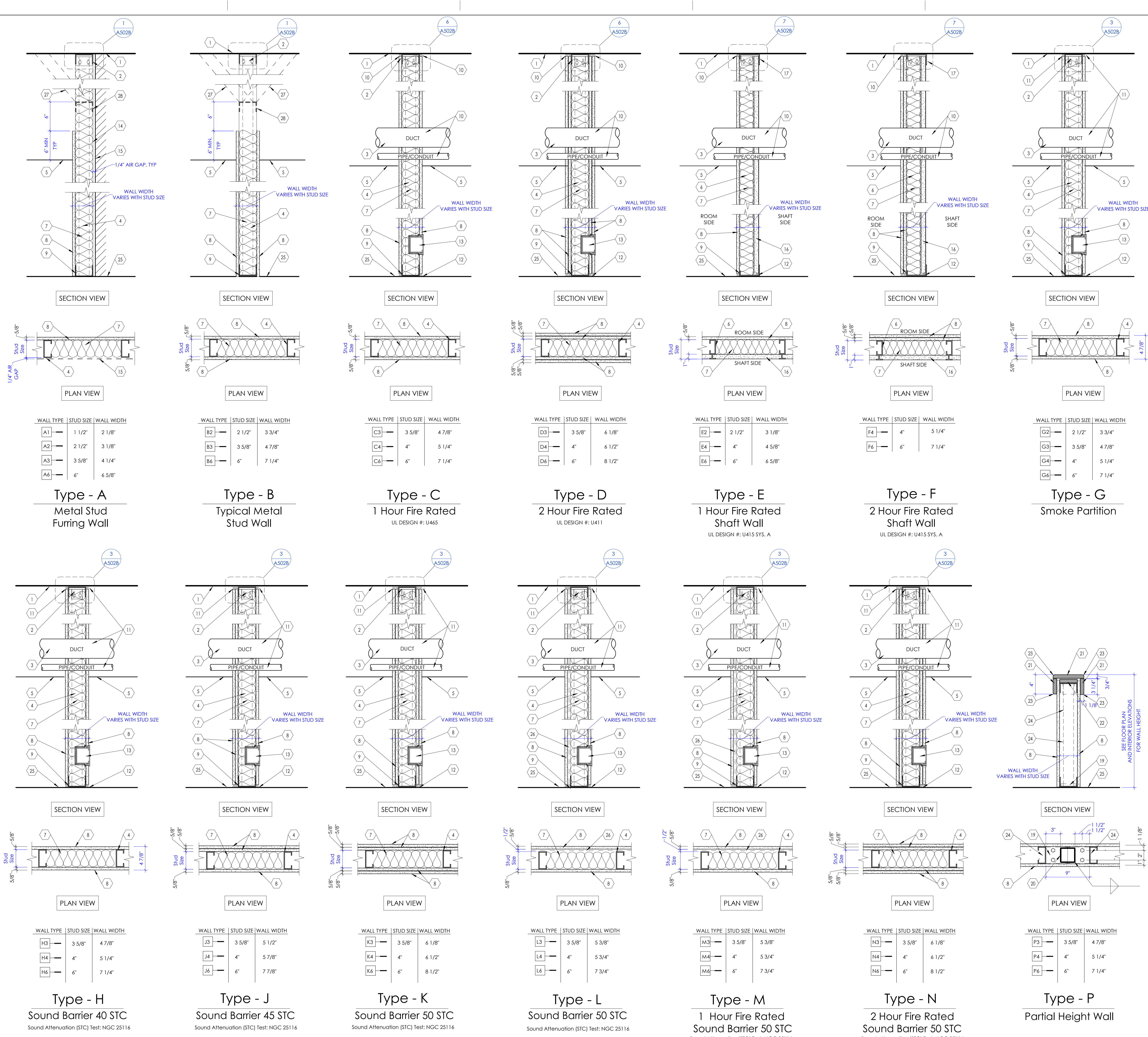
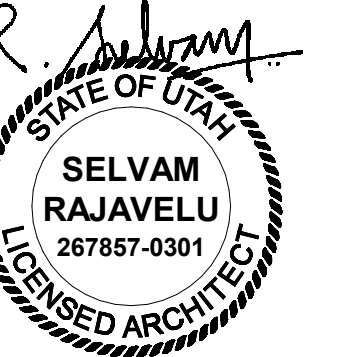


15 Locker Room
SCALE: 3/8" = 1'-0"



16 Locker Room
SCALE: 3/8" = 1'-0"

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KEYED NOTES

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

GENERAL NOTES

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

Intermountain Healthcare
 Cassia Regional Medical Center
 Pharmacy Remodel (USP 797)

1501 Highland Avenue
 Burley, Idaho 83318

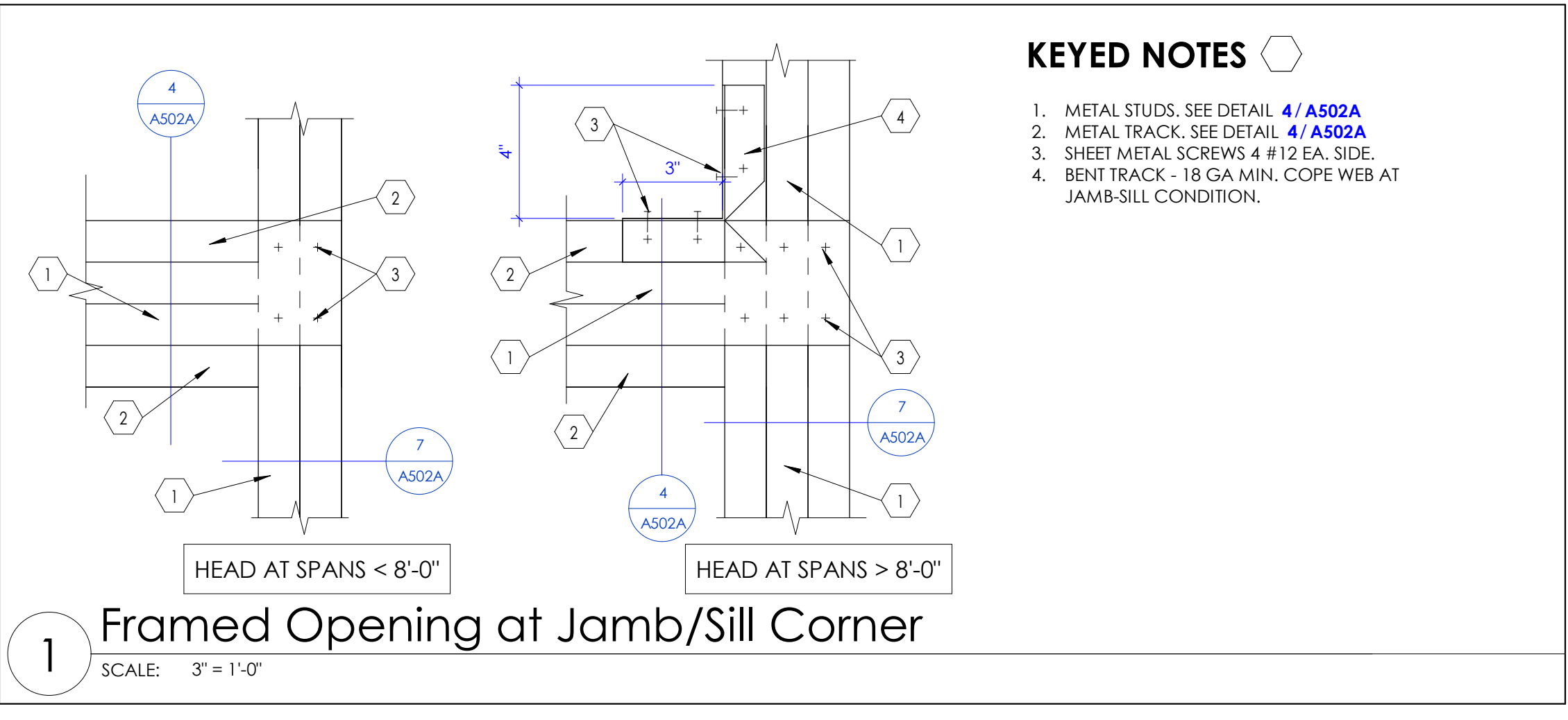
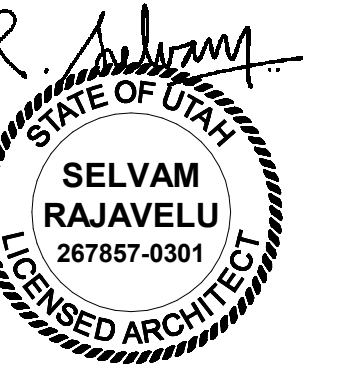
NJRA Project # 19228.04
Construction Documents April 2021

Wall Types

A501A

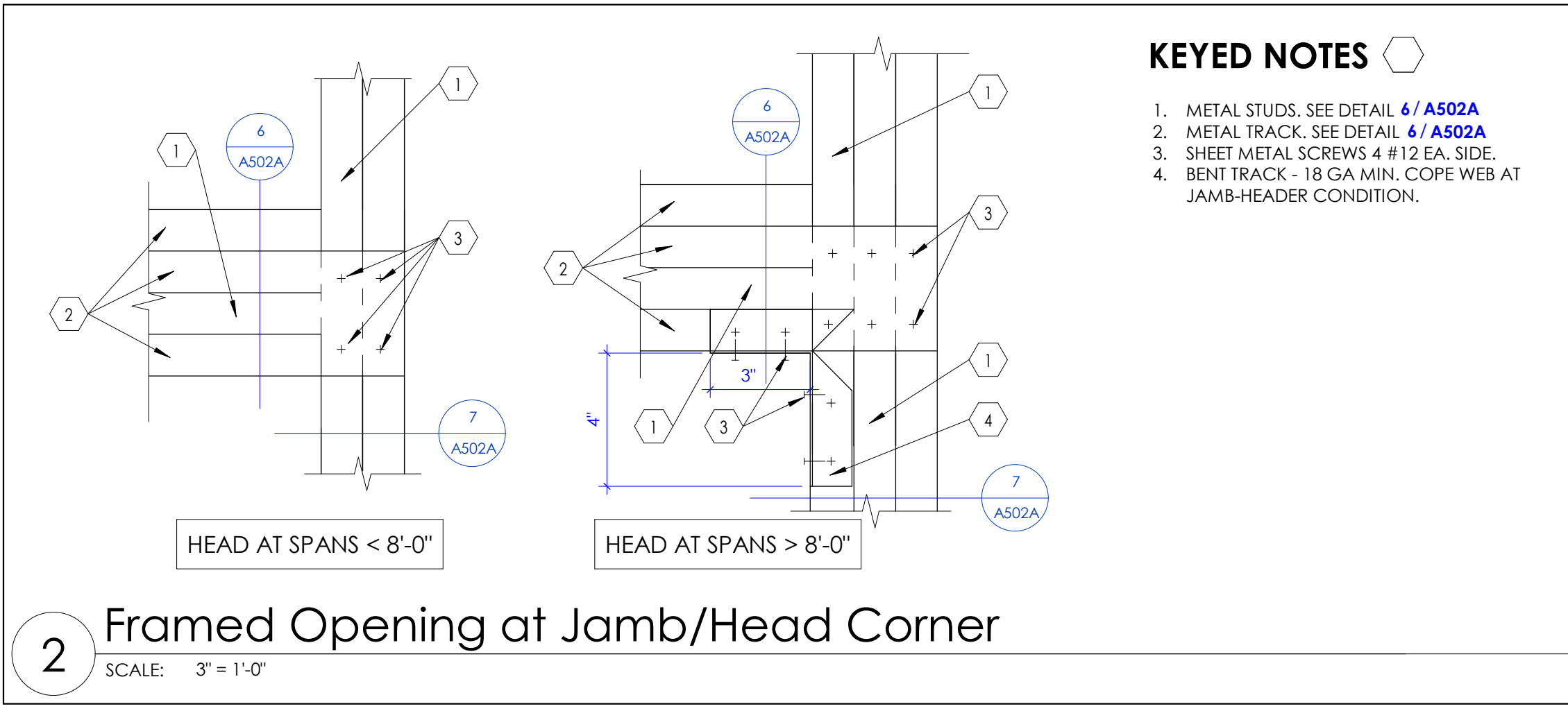
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1 Wall Types (Note: See dimension floor plans for locations of wall types used in this project. Some wall types shown above may not be used in this project.)
SCALE: 1 1/2" = 1'-0"



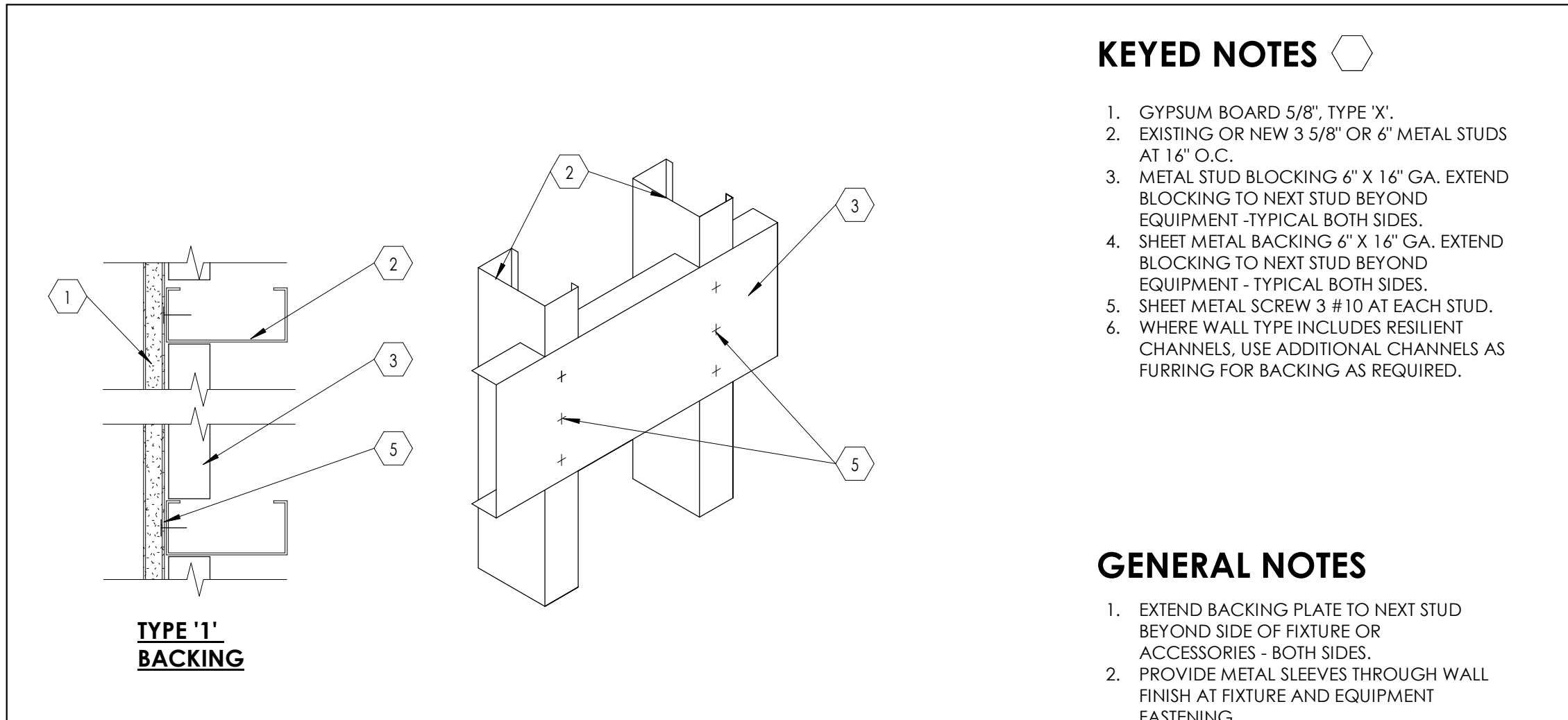
- KEYED NOTES**
- METAL STUDS, SEE DETAIL 4/A502A
 - METAL TRACK, SEE DETAIL 4/A502A
 - SHEET METAL SCREWS #12 EA, SIDE
 - BENT TRACK - 18 GA MIN. COPE WEB AT JAMB-SILL CONDITION.

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



- KEYED NOTES**
- METAL STUDS, SEE DETAIL 6/A502A
 - METAL TRACK, SEE DETAIL 6/A502A
 - SHEET METAL SCREWS #12 EA, SIDE
 - BENT TRACK - 18 GA MIN. COPE WEB AT JAMB-HEADER CONDITION.

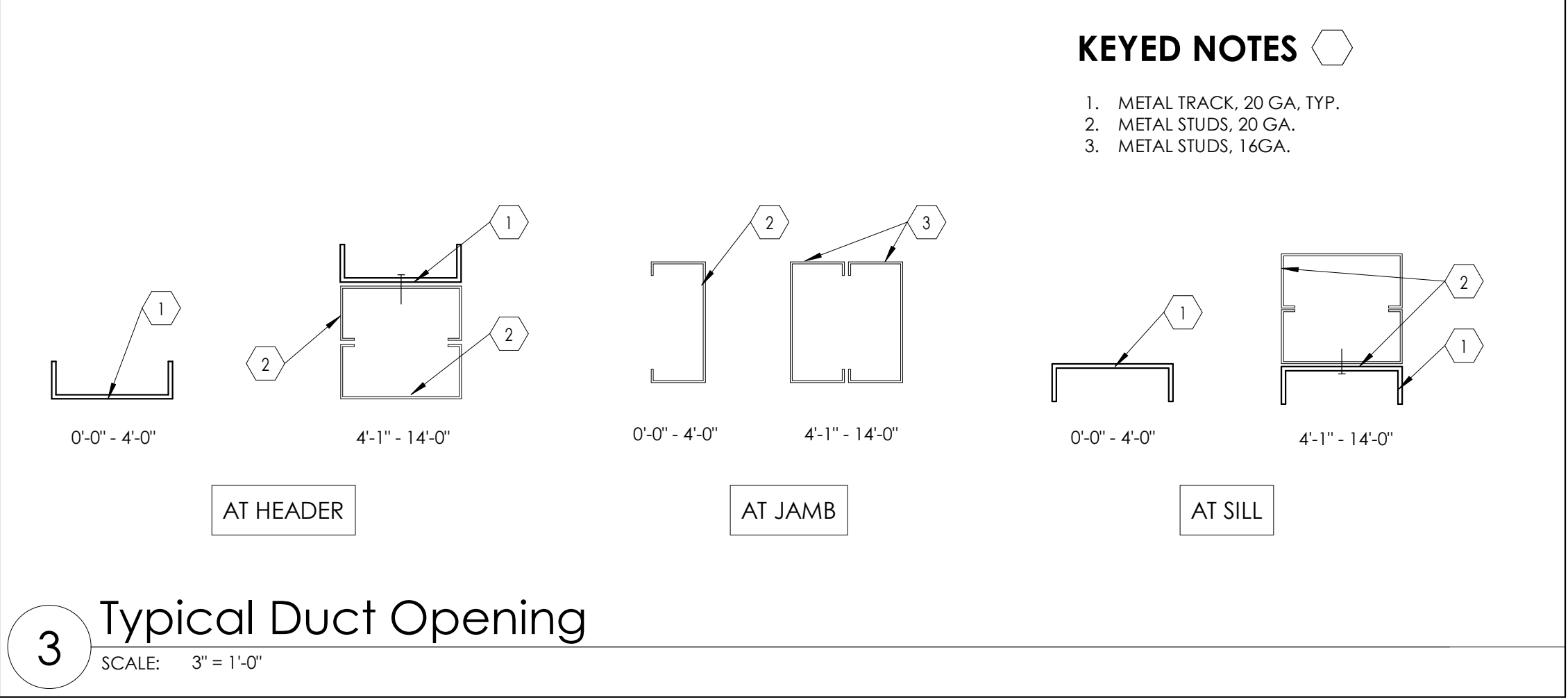
2 Framed Opening at Jamb/Head Corner
SCALE: 3" = 1'-0"



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

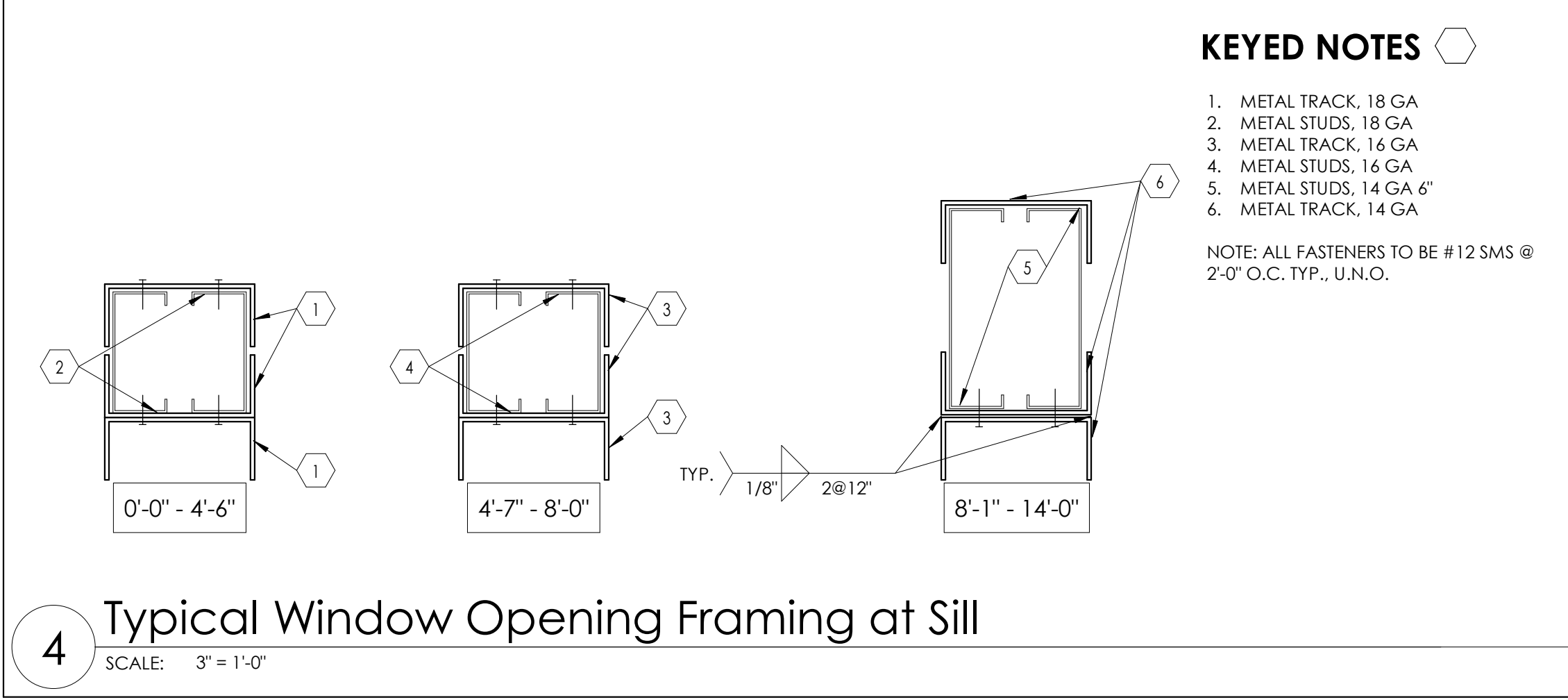
- GENERAL NOTES**
- EXTEND BACKING PLATE TO NEXT STUD BEYOND SIDE OF FIXTURE OR ACCESSORIES - BOTH SIDES.
 - PROVIDE METAL SLEEVES THROUGH WALL FINISH AT FIXTURE AND EQUIPMENT FASTENING.
 - FOR MECHANICAL WORK, ANCHORAGE SEE MECHANICAL DRAWINGS.

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



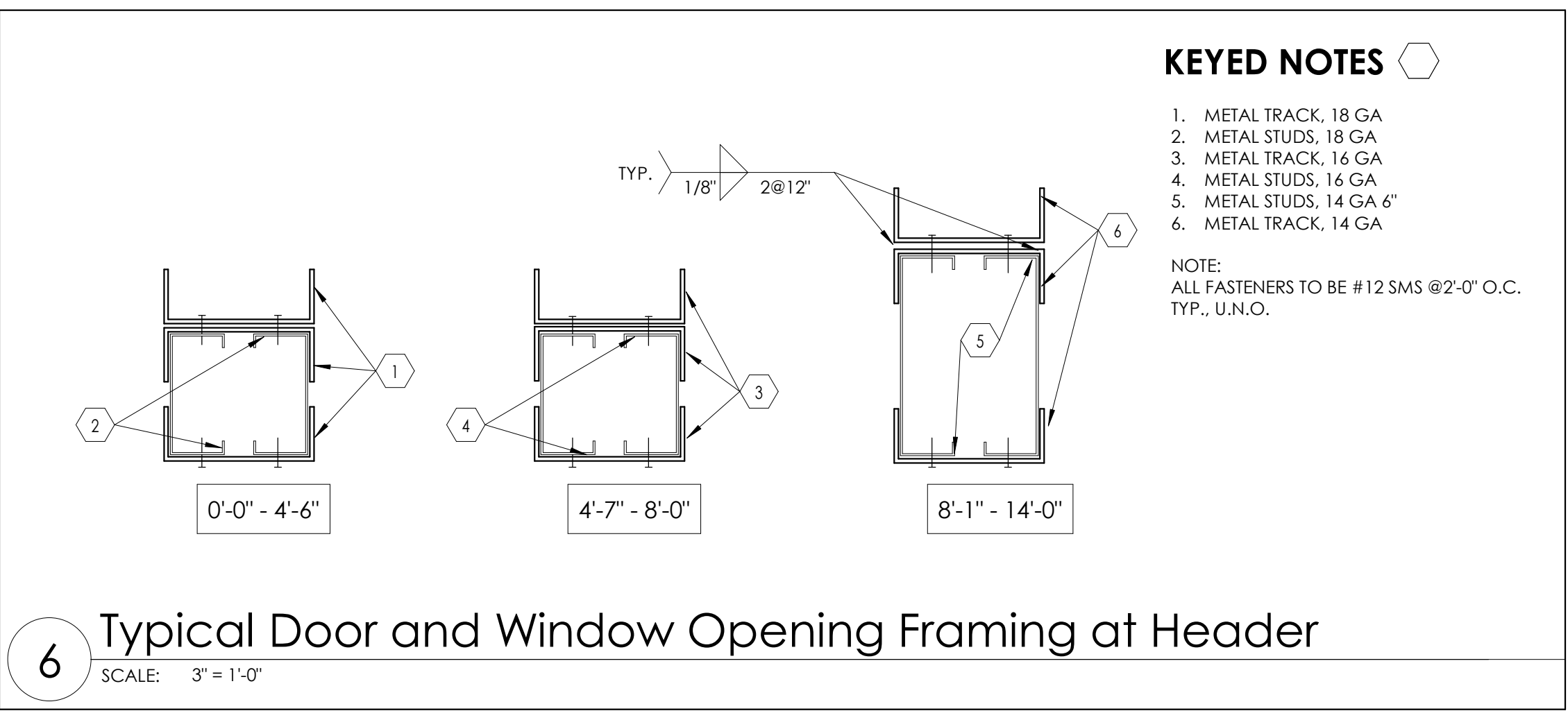
- KEYED NOTES**
- METAL TRACK, 20 GA. TYP.
 - METAL STUDS, 20 GA.
 - METAL STUDS, 16GA.

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



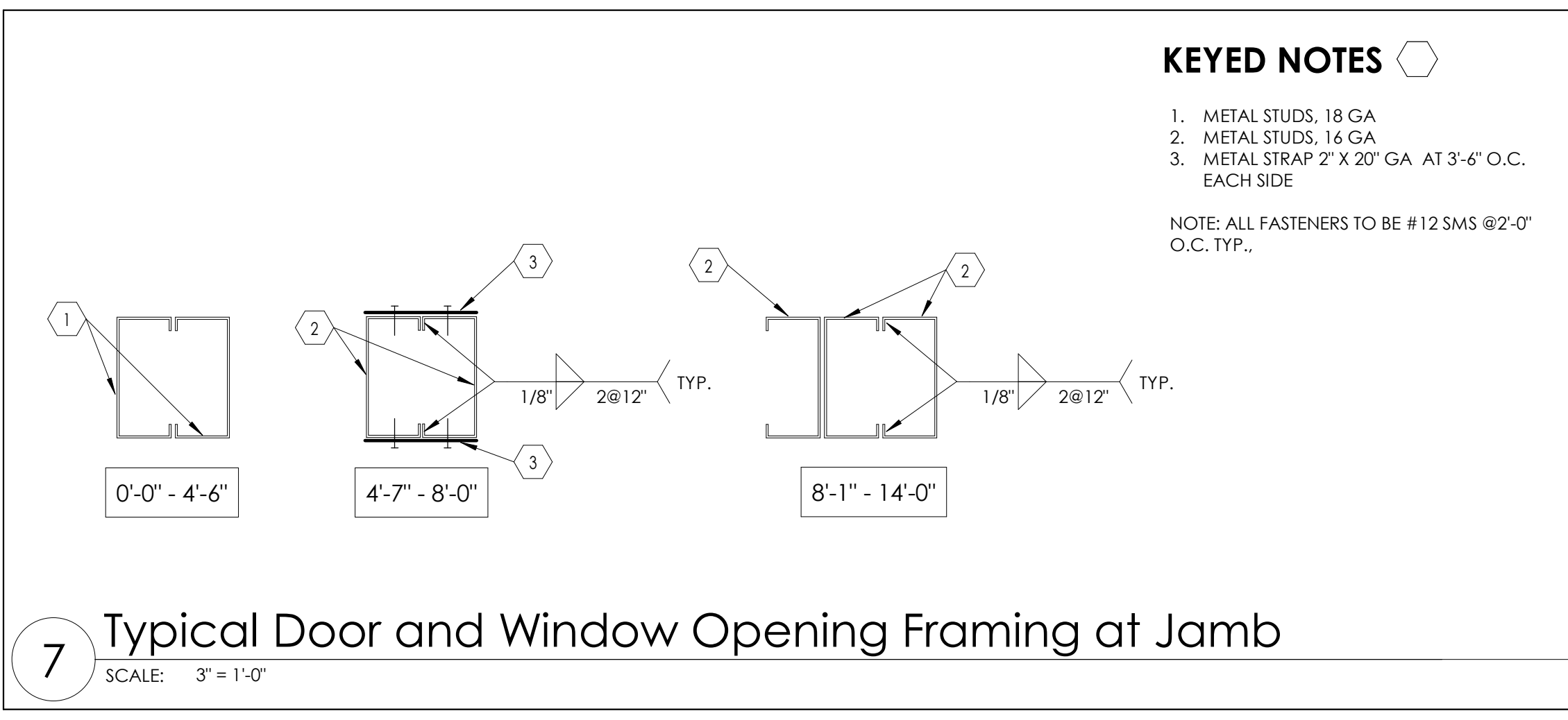
- KEYED NOTES**
- METAL TRACK, 18 GA
 - METAL STUDS, 18 GA
 - METAL TRACK, 16 GA
 - METAL STUDS, 16 GA
 - METAL STUDS, 14 GA 6"
 - METAL TRACK, 14 GA
- NOTE: ALL FASTENERS TO BE #12 SMS @ 2'-0" O.C. TYP., U.N.O.

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



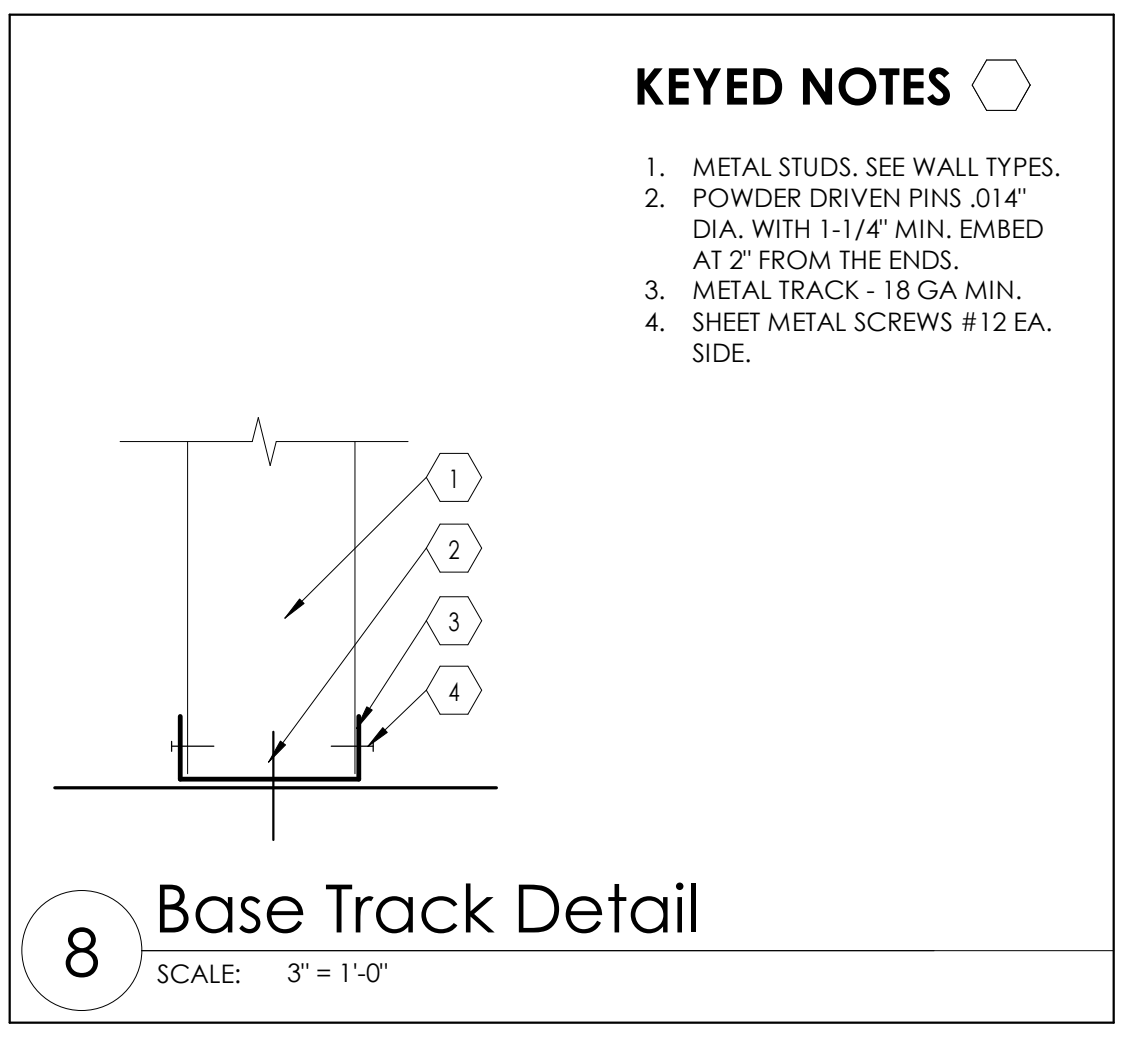
- KEYED NOTES**
- METAL TRACK, 18 GA
 - METAL STUDS, 18 GA
 - METAL TRACK, 16 GA
 - METAL STUDS, 16 GA
 - METAL STUDS, 14 GA 6"
 - METAL TRACK, 14 GA
- NOTE: ALL FASTENERS TO BE #12 SMS @ 2'-0" O.C. TYP., U.N.O.

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



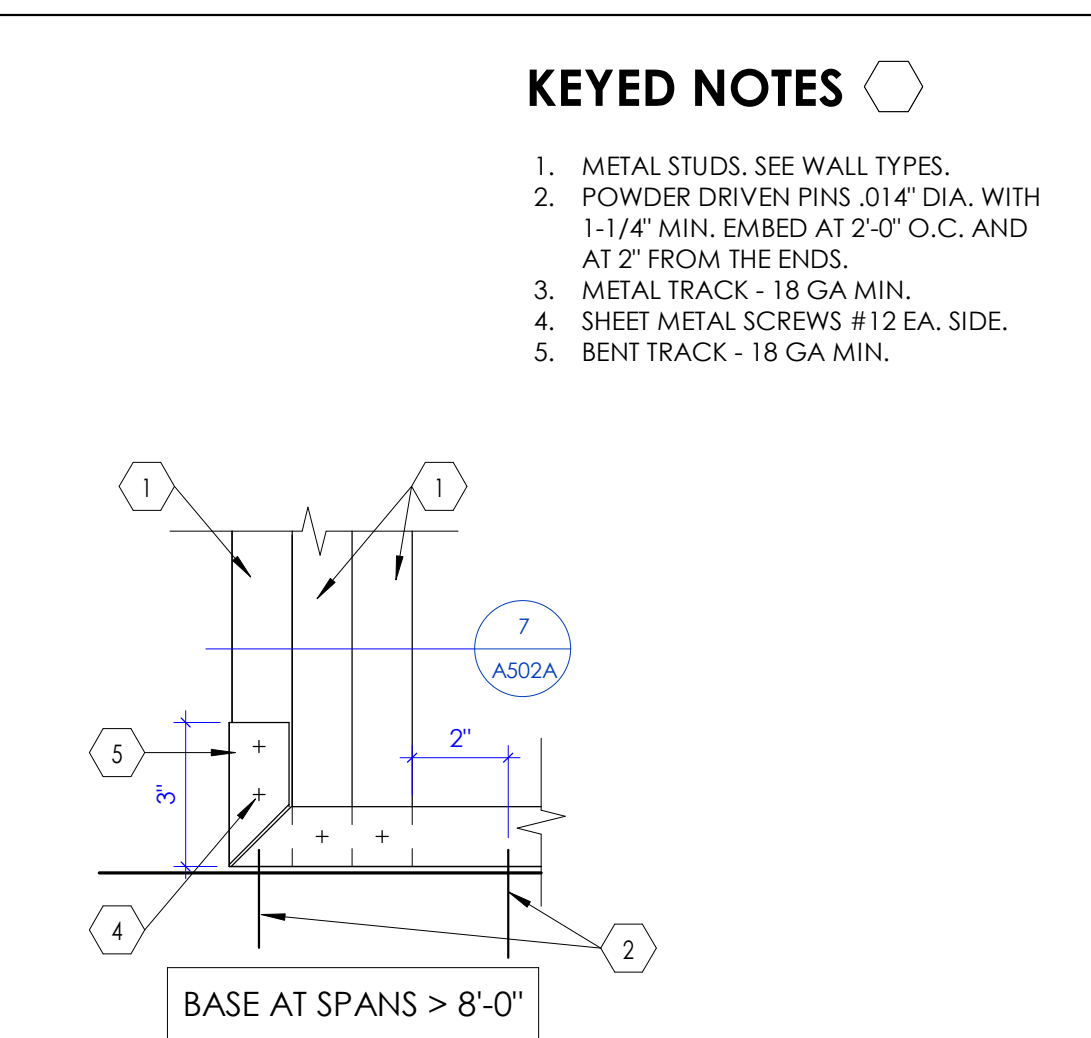
- KEYED NOTES**
- METAL STUDS, 18 GA
 - METAL STUDS, 16 GA
 - METAL STRAP 2" X 20" GA. AT 3'-6" O.C. EACH SIDE
- NOTE: ALL FASTENERS TO BE #12 SMS @ 2'-0" O.C. TYP., U.N.O.

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



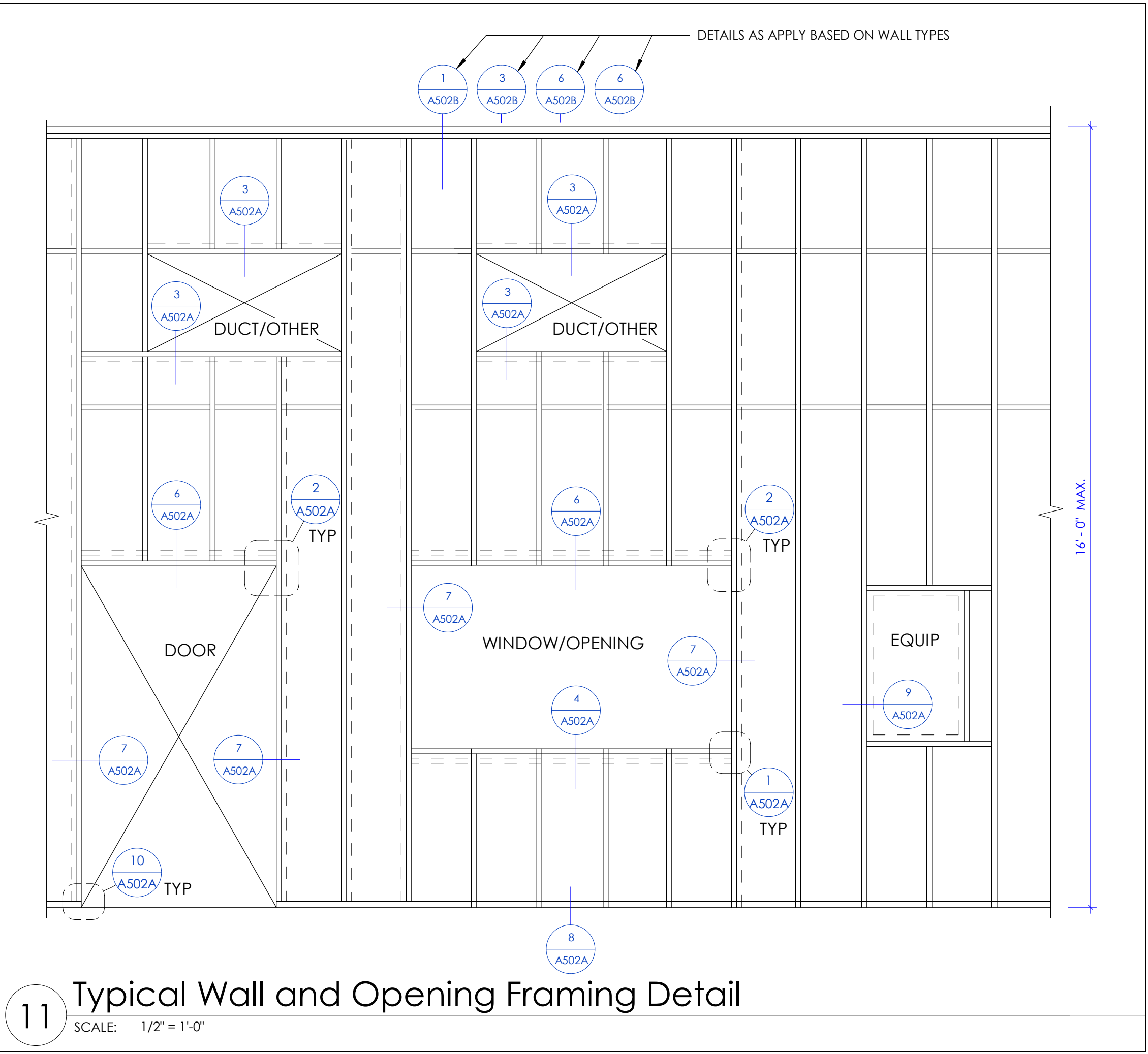
- KEYED NOTES**
- METAL STUDS, SEE WALL TYPES.
 - POWDER DRIVEN PINS .014" DIA. WITH 1-1/4" MIN. EMBED AT 2" FROM THE ENDS.
 - METAL TRACK - 18 GA MIN.
 - SHEET METAL SCREWS #12 EA, SIDE.

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

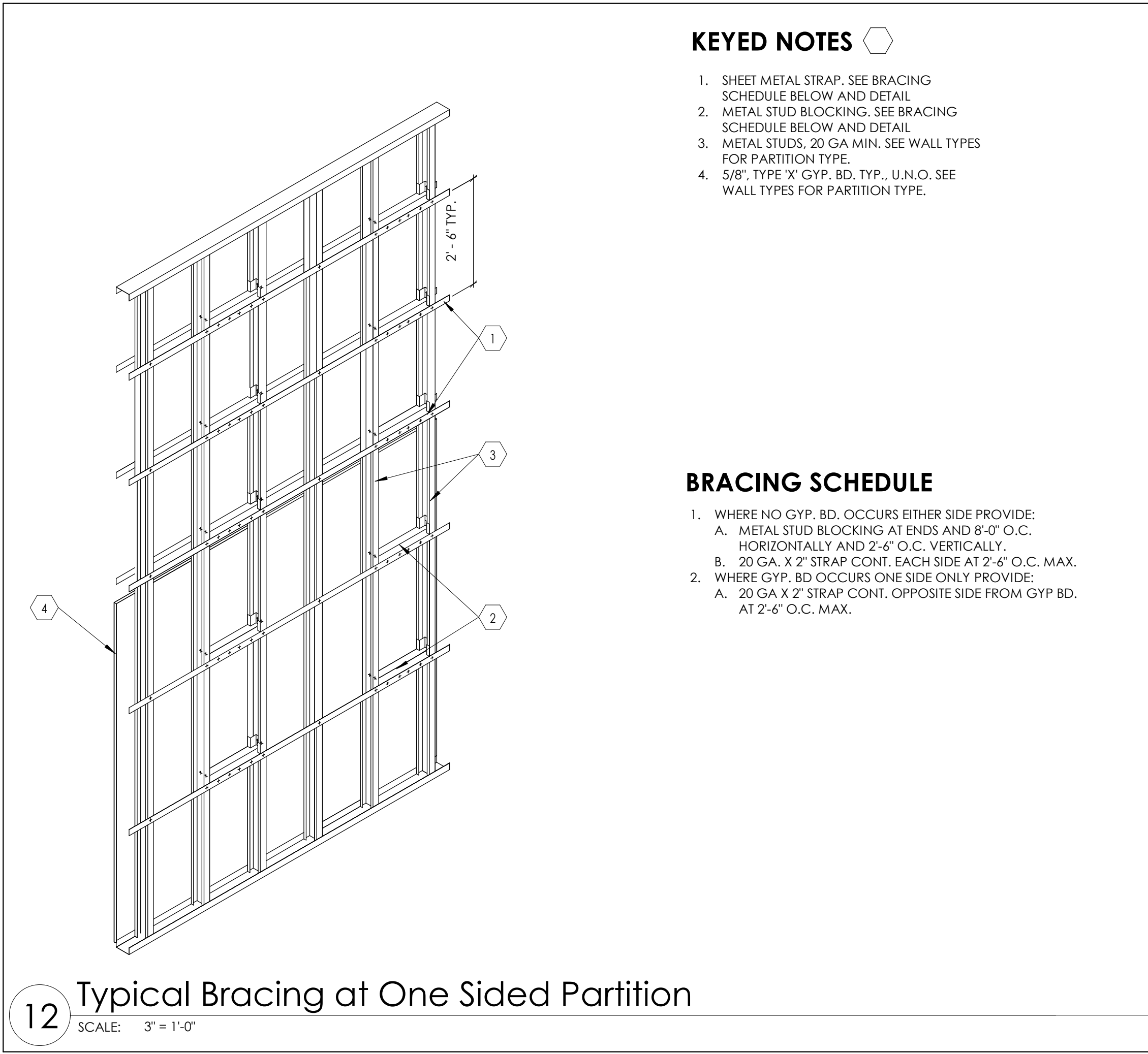


- KEYED NOTES**
- METAL STUDS, SEE WALL TYPES.
 - POWDER DRIVEN PINS .014" DIA. WITH 1-1/4" MIN. EMBED AT 2'-0" O.C. AND AT 2" FROM THE ENDS.
 - METAL TRACK - 18 GA MIN.
 - SHEET METAL SCREWS #12 EA, SIDE.
 - BENT TRACK - 18 GA MIN.

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



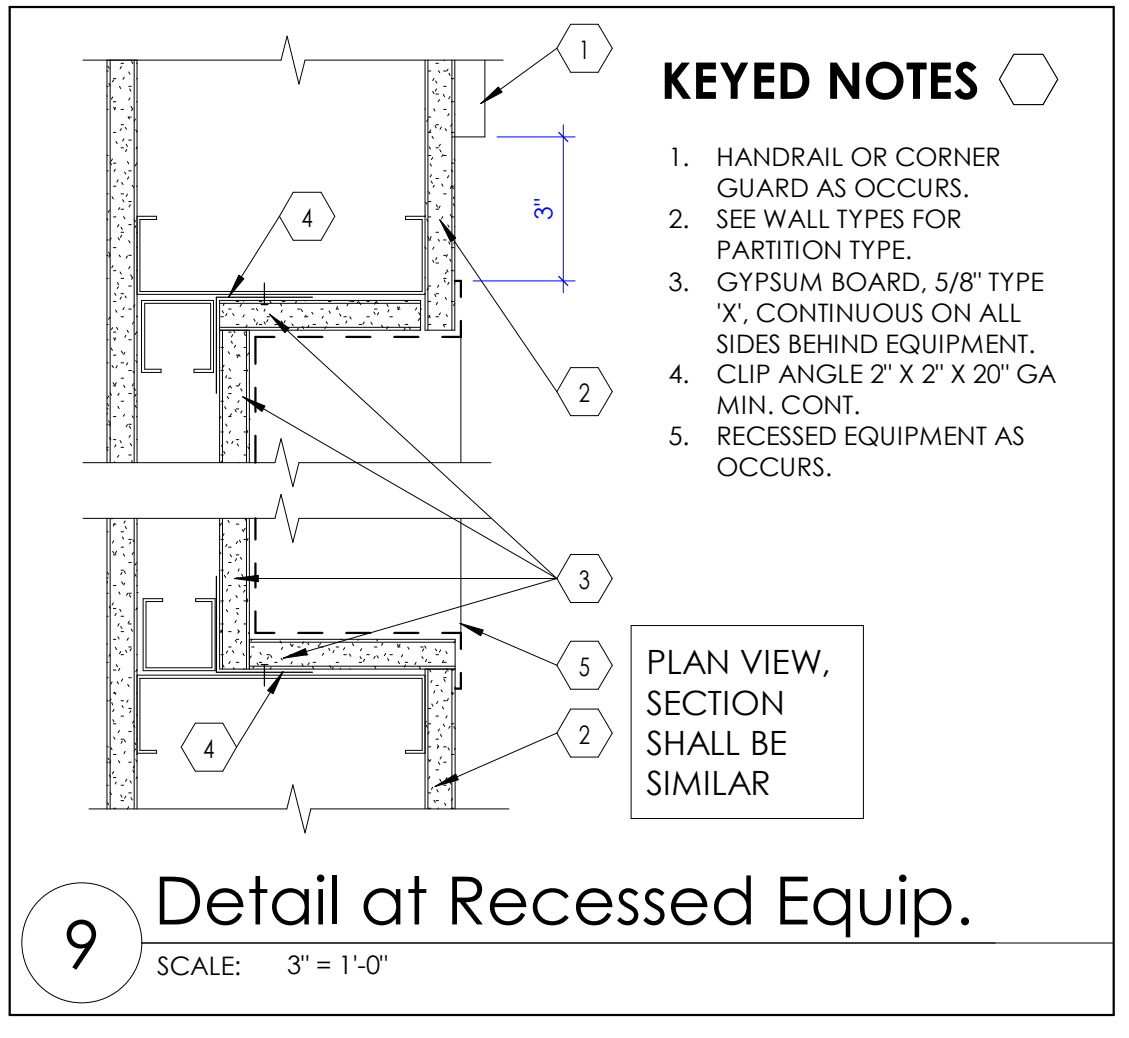
11 Typical Wall and Opening Framing Detail
SCALE: 1/2" = 1'-0"



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

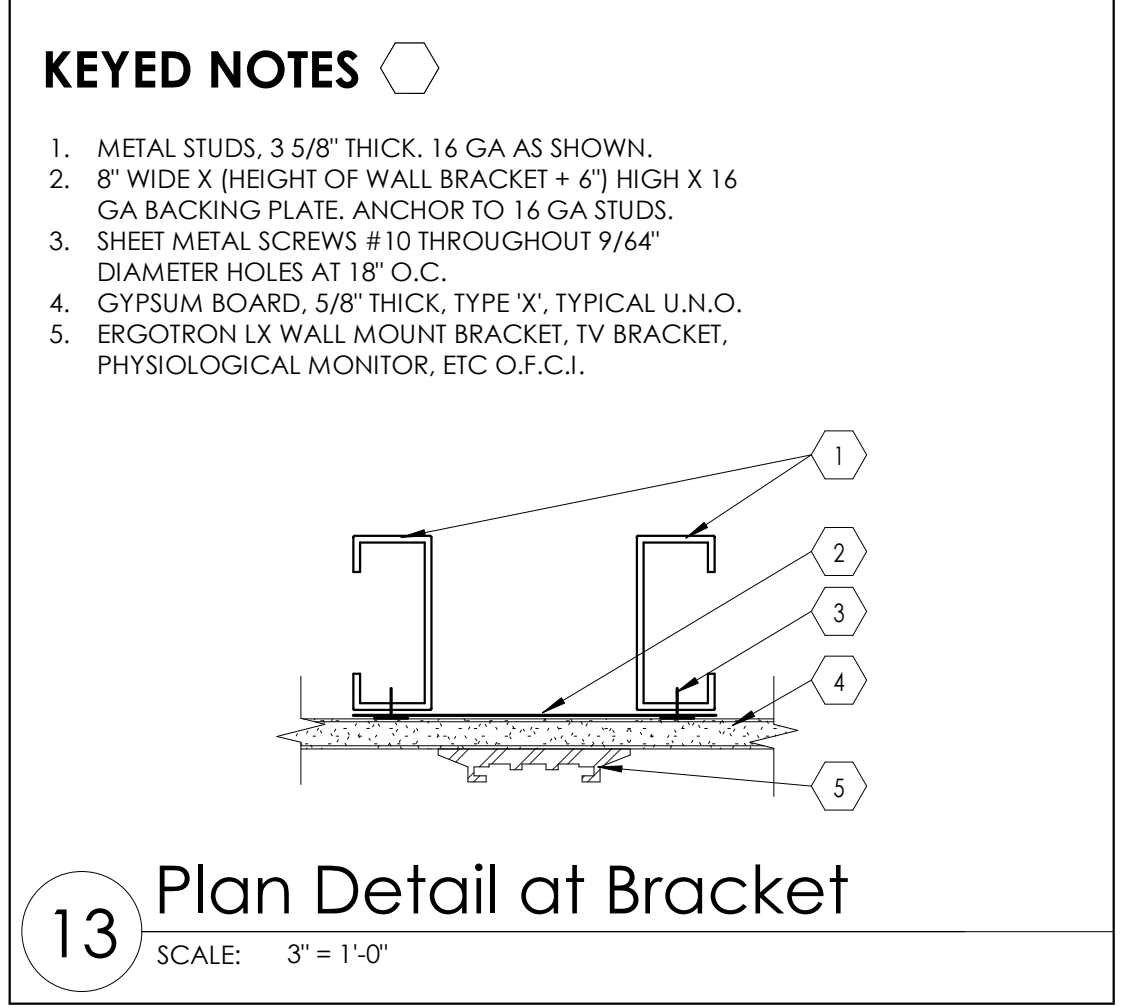
- BRACING SCHEDULE**
- WHERE NO GYP. BD. OCCURS EITHER SIDE PROVIDE:
 - METAL STUD BLOCKING AT ENDS AND 8'-0" O.C. HORIZONTALLY AND 2'-6" O.C. VERTICALLY.
 - 20 GA. X 2" STRAP CONT. EACH SIDE AT 2'-6" O.C. MAX.
 - WHERE GYP. BD OCCURS ONE SIDE ONLY PROVIDE:
 - 20 GA X 2" STRAP CONT. OPPOSITE SIDE FROM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

12 Typical Bracing at One Sided Partition
SCALE: 3" = 1'-0"



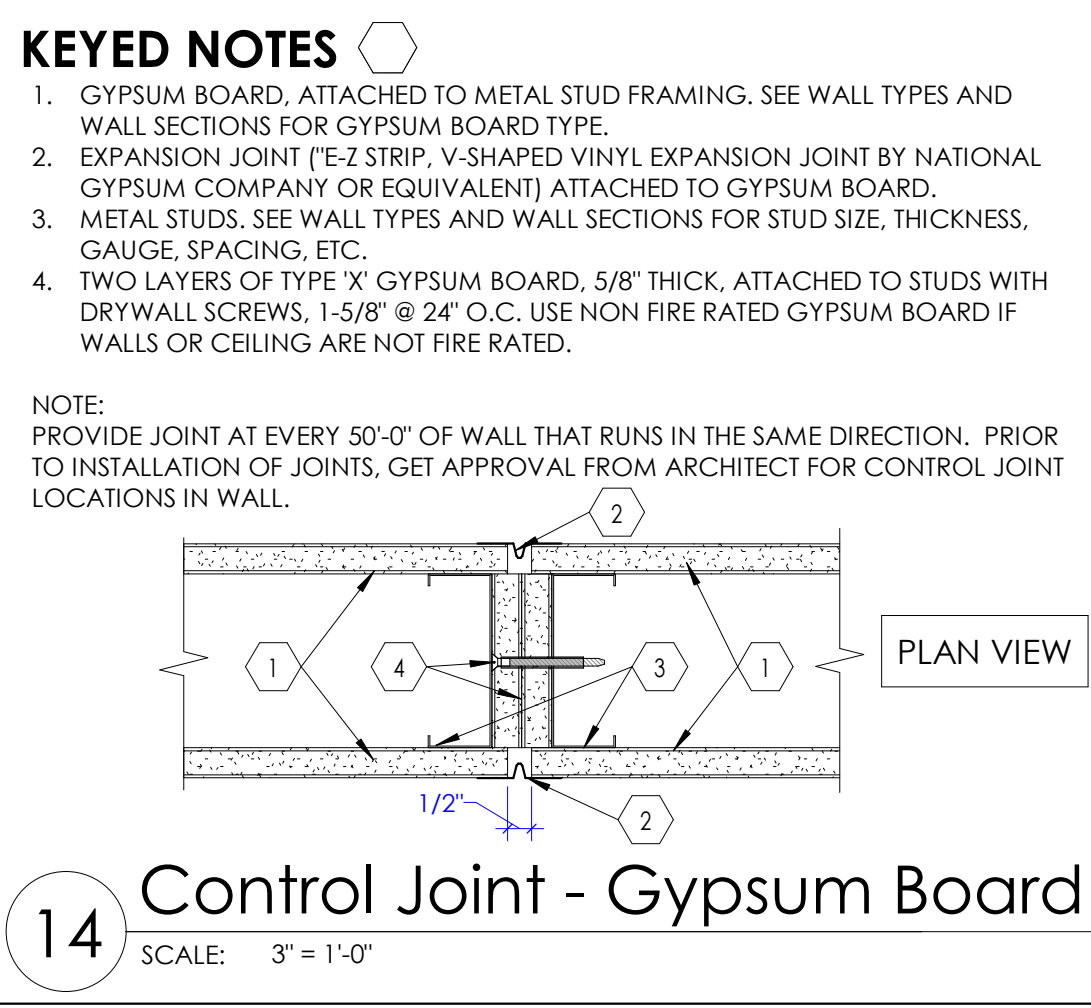
- KEYED NOTES**
- HANDRAIL OR CORNER GUARD AS OCCURS.
 - SEE WALL TYPES FOR PARTITION TYPE.
 - GYPSUM BOARD, 5/8" TYPE 'X'. CONTINUOUS ON ALL SIDES BEHIND EQUIPMENT.
 - CLIP ANGLE 2" X 2" X 20" GA MIN. CONT.
 - RECESSED EQUIPMENT AS OCCURS.
- PLAN VIEW, SECTION SHALL BE SIMILAR

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



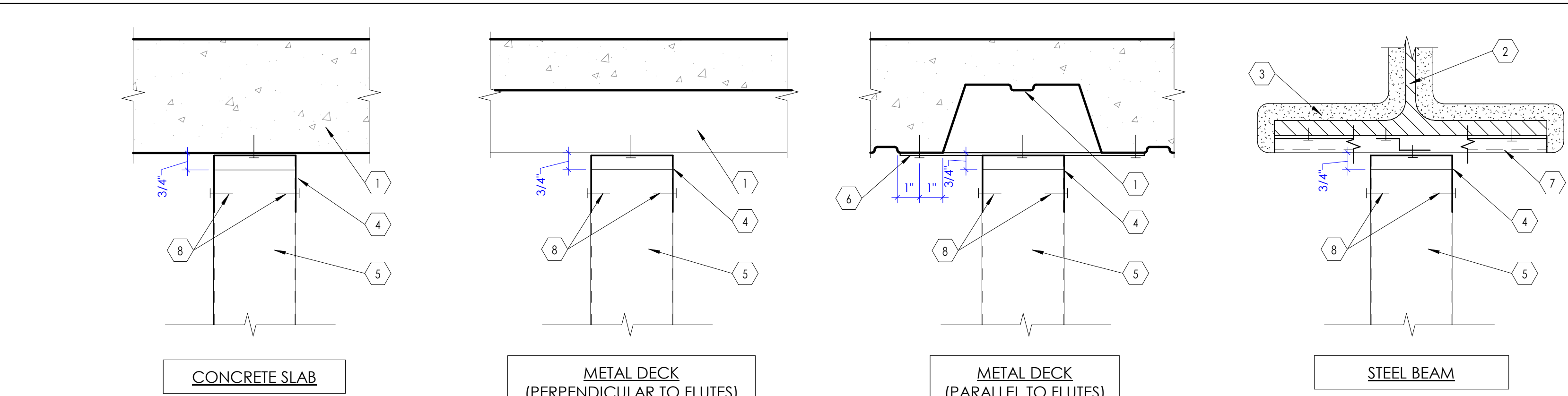
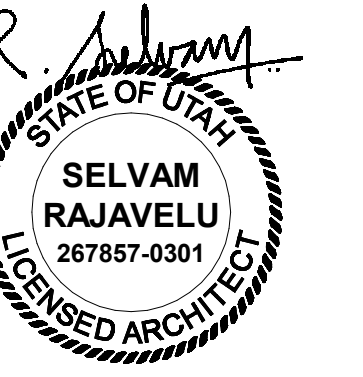
- KEYED NOTES**
- METAL STUDS, 3 5/8" THICK, 16 GA AS SHOWN.
 - 8" WIDE X (HEIGHT OF WALL BRACKET + 6") HIGH X 16 GA BACKING PLATE, ANCHOR TO 16 GA STUDS.
 - SHEET METAL SCREWS #10 THROUGHOUT 9/64" DIAMETER HOLES AT 18" O.C.
 - GYPSUM BOARD, 5/8" THICK, TYPE 'X', TYPICAL U.N.O.
 - ERGOTRON LX WALL MOUNT BRACKET, TV BRACKET, PHYSIOLOGICAL MONITOR, ETC O.F.C.I.

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



- KEYED NOTES**
- GYPSUM BOARD, ATTACHED TO METAL STUD FRAMING. SEE WALL TYPES AND WALL SECTIONS FOR GYPSUM BOARD TYPE.
 - EXPANSION JOINT (E-Z STRIP, V-SHAPED VINYL EXPANSION JOINT BY NATIONAL GYPSUM COMPANY OR EQUIVALENT) ATTACHED TO GYPSUM BOARD.
 - METAL STUDS, SEE WALL TYPES AND WALL SECTIONS FOR STUD SIZE, THICKNESS, GAUGE, SPACING, ETC.
 - TWO LAYERS OF TYPE 'X' GYPSUM BOARD, 5/8" THICK, ATTACHED TO STUDS WITH DRYWALL SCREWS, 1-5/8" @ 24" O.C. USE NON FIRE RATED GYPSUM BOARD IF WALLS OR CEILING ARE NOT FIRE RATED.
- NOTE: PROVIDE JOINT AT EVERY 50'-0" OF WALL THAT RUNS IN THE SAME DIRECTION. PRIOR TO INSTALLATION OF JOINTS, GET APPROVAL FROM ARCHITECT FOR CONTROL JOINT LOCATIONS IN WALL.

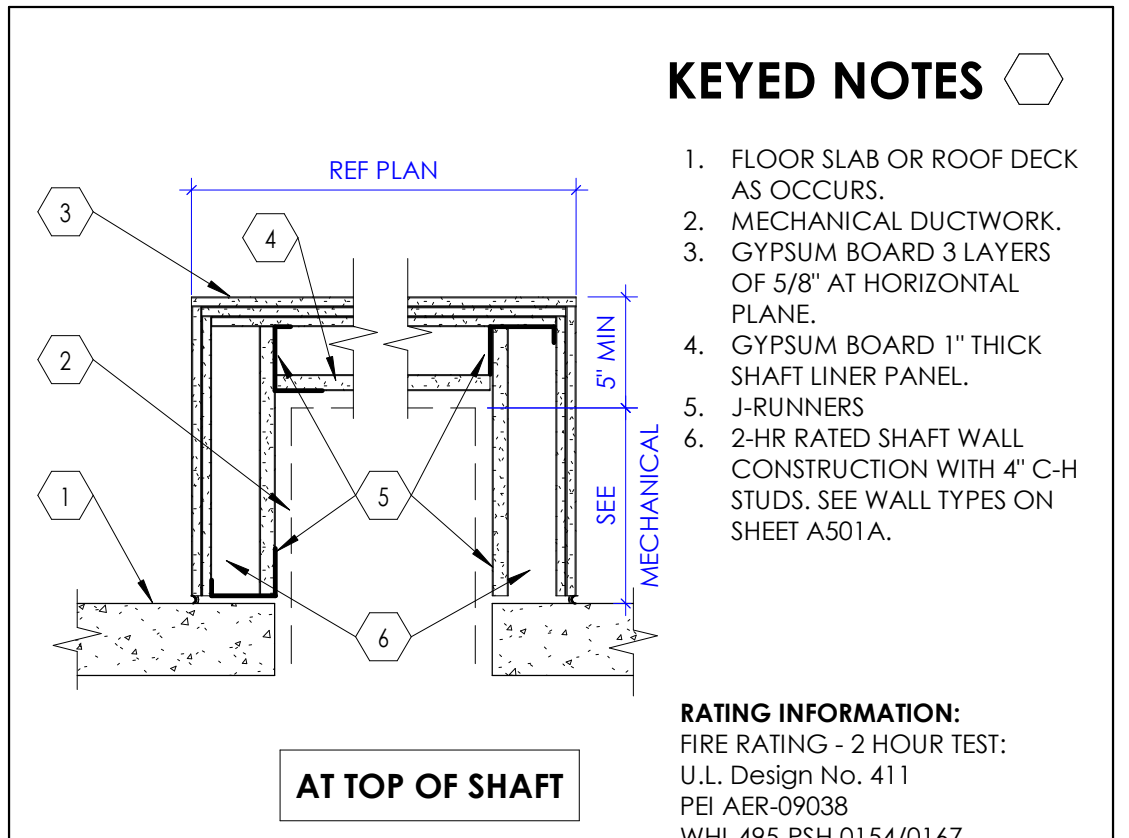
14 Control Joint - Gypsum Board
SCALE: 3" = 1'-0"



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

KEYED NOTES

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

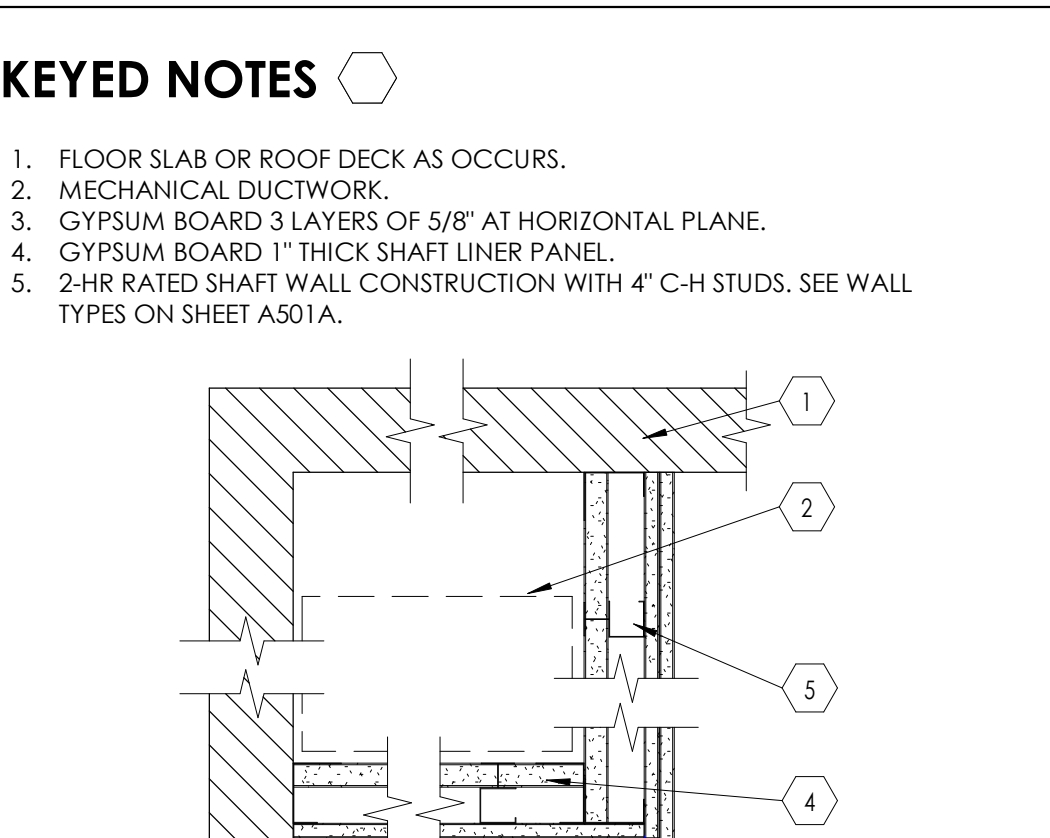


2 2-HR Enclosure at Top of Shaft
SCALE: 1" = 1'-0"

KEYED NOTES

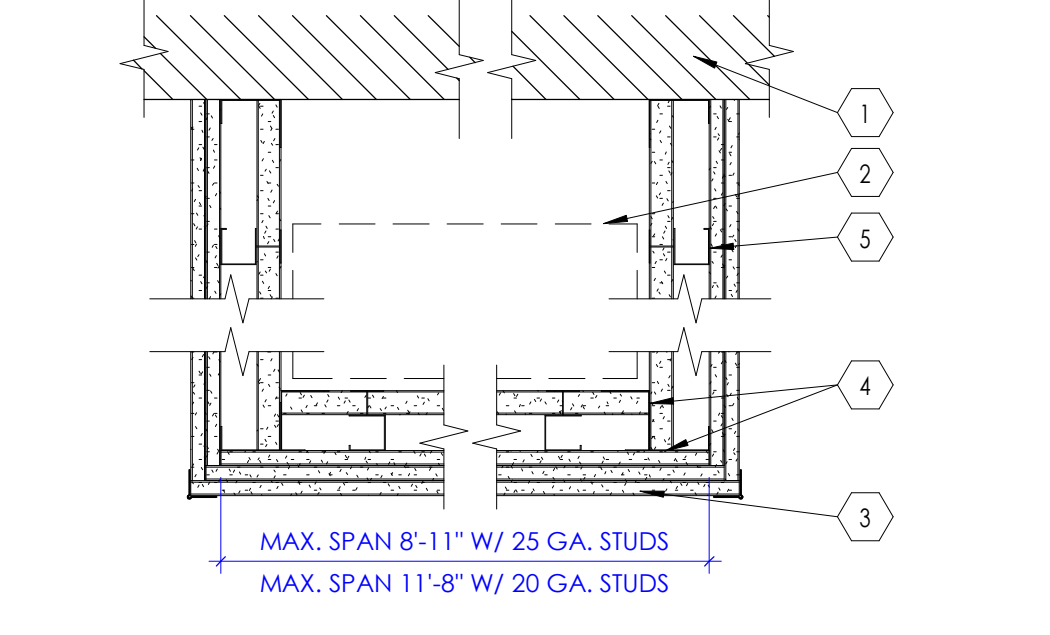
- FLOOR SLAB OR ROOF DECK AS OCCURS.
- MECHANICAL DUCTWORK.
- GYPSON BOARD 3 LAYERS OF 5/8" AT HORIZONTAL PLANE.
- GYPSON BOARD 1" THICK SHAFT LINER PANEL.
- J-RUNNERS.
- 2-HR RATED SHAFT WALL CONSTRUCTION WITH 4" C-H STUDS. SEE WALL TYPES ON SHEET A501A.

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



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

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

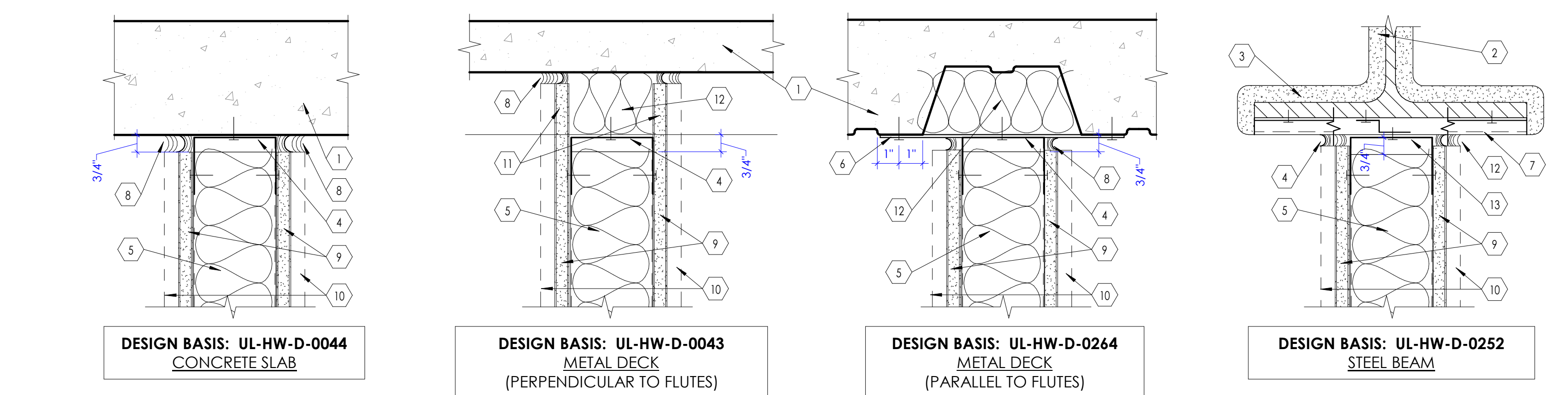


4 2-HR Enclosure at B.O. Shaft
SCALE: 1" = 1'-0"

KEYED NOTES

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

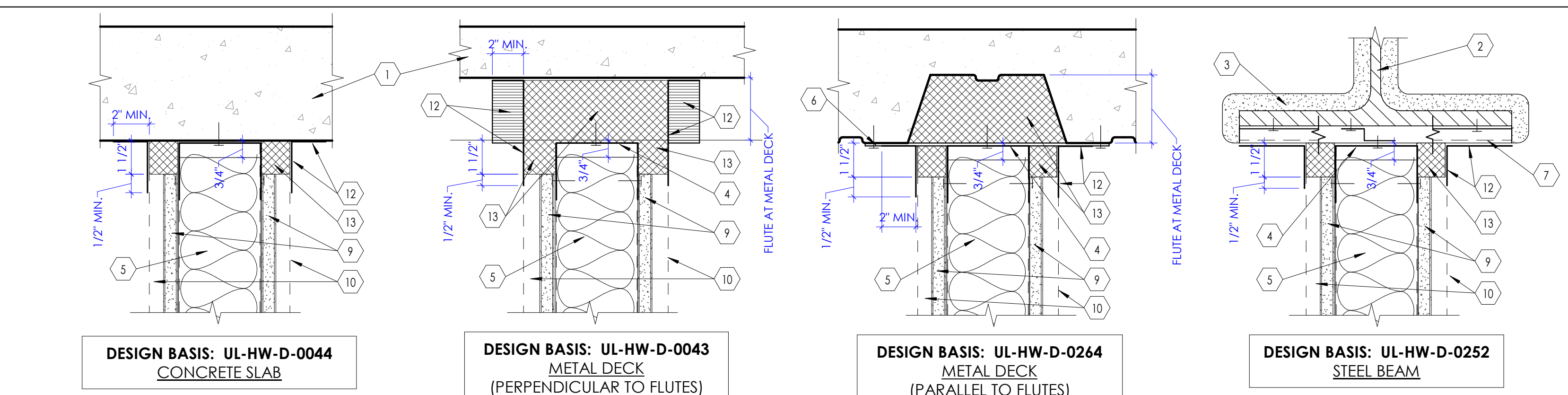
RATING INFORMATION:
FIRE RATING - 2 HOUR TEST:
PEI AER-09038
WHI-495-PSH 0154/0167



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

KEYED NOTES

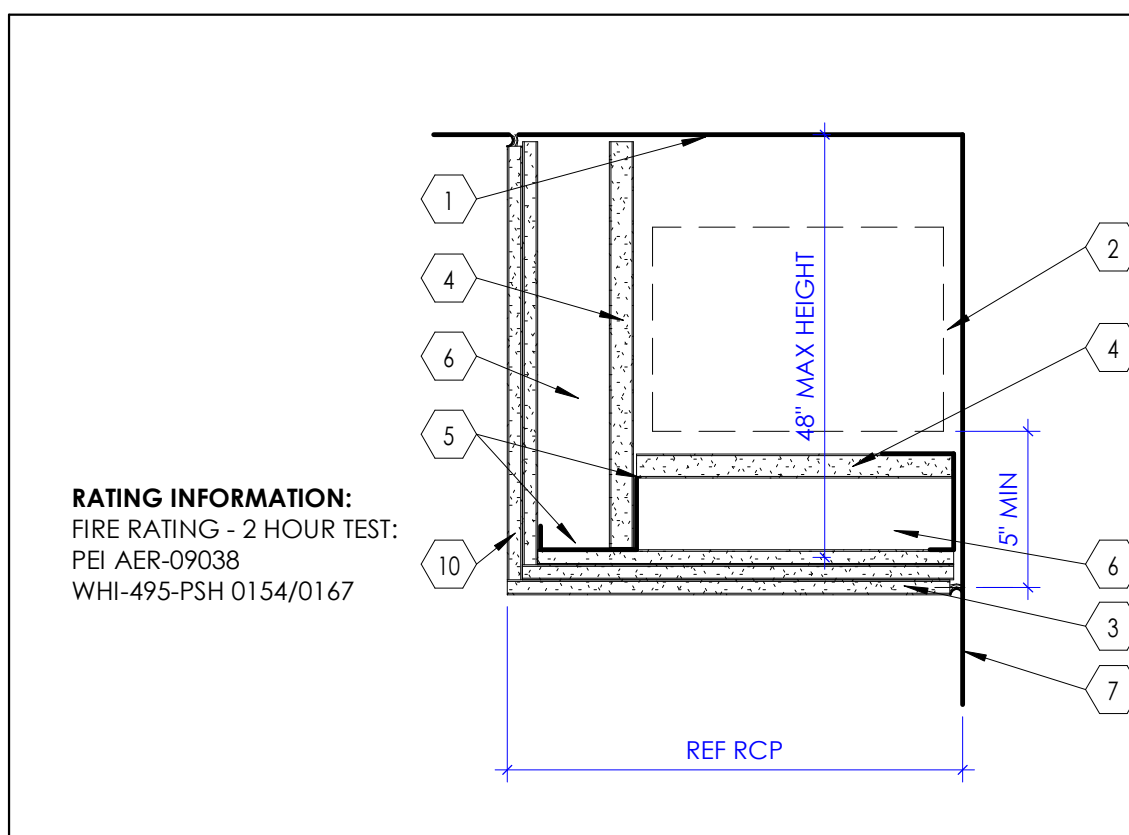
- FLOOR OR ROOF DECK AS OCCURS.
- STEEL BEAM AS OCCURS. SEE STRUCTURAL DRAWINGS.
- SPRAY APPLIED FIRE RESISTIVE MATERIAL (SFRM).
- SLOTTED TOP TRACK. FOR ADDITIONAL INFORMATION SEE DETAIL 9 / A502B
- METAL STUD WALL. SEE WALL TYPES ON SHEET A501A FOR ADDITIONAL INFORMATION.
- STRAPS 2" x 18" GA AT 16"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



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

KEYED NOTES

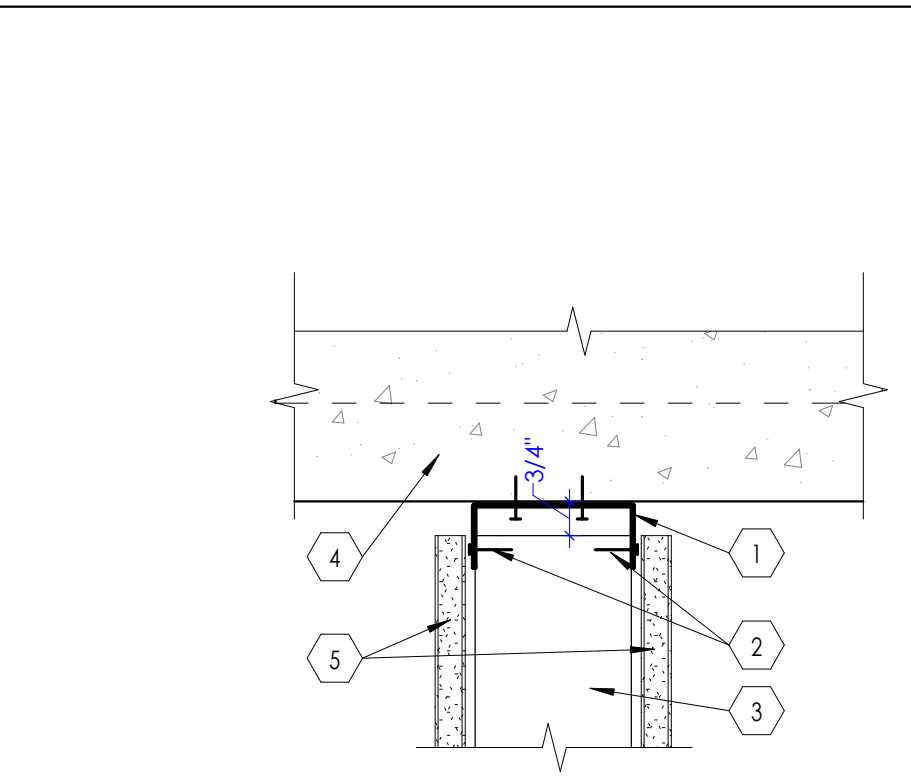
- FLOOR OR ROOF DECK AS OCCURS.
- STEEL BEAM AS OCCURS. SEE STRUCTURAL DRAWINGS.
- SPRAY APPLIED FIRE RESISTIVE MATERIAL (SFRM).
- SLOTTED TOP TRACK. FOR ADDITIONAL INFORMATION SEE DETAIL 9 / A502B
- METAL STUD WALL. SEE WALL TYPES ON SHEET A501A FOR ADDITIONAL INFORMATION.
- STRAPS 2" x 18" GA AT 16"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



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

KEYED NOTES

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



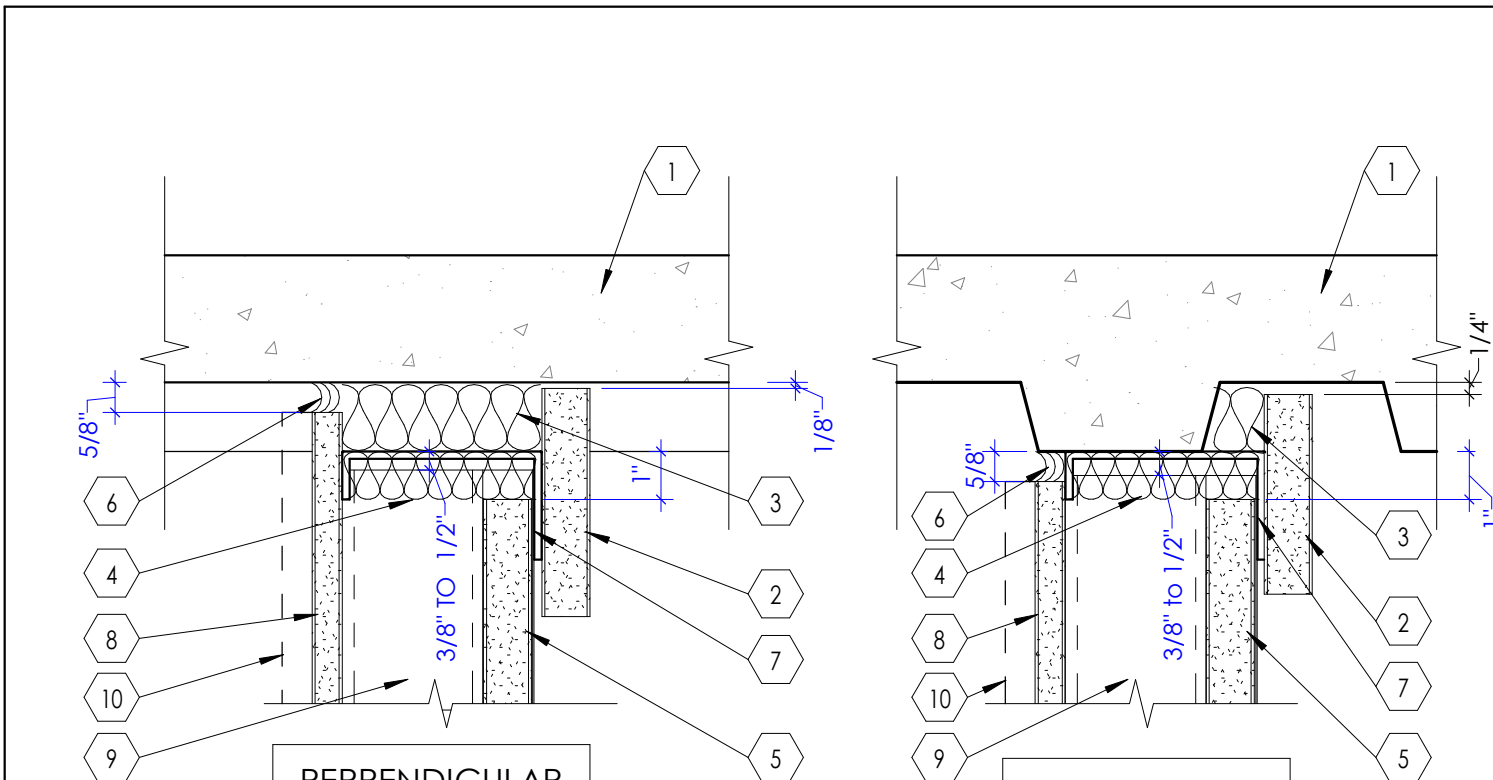
9 Slip Connection Detail
SCALE: 3" = 1'-0"

KEYED NOTES

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

GENERAL NOTES

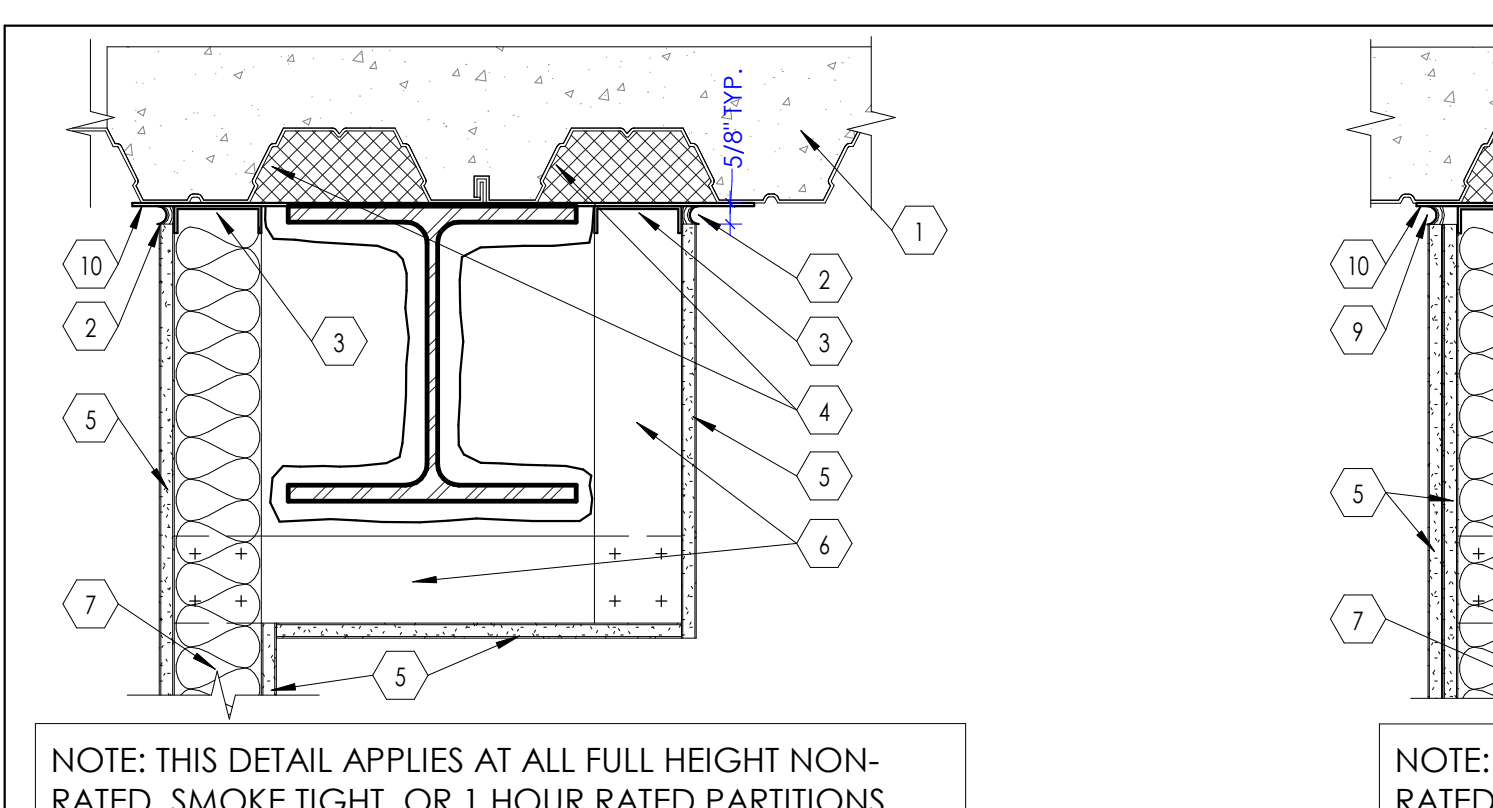
- CONDITIONS INDICATED SHOW DESIGN INTENT, ESPECIALLY IN REGARD TO ACCOMMODATION OF STRUCTURAL DEFLECTION AND CONTINUITY OF INTEGRITY OF SOUND, SMOKE AND FIRE WALLS.
- DESIGN INTENT DETAILS MAY NOT SHOW ALL CONDITIONS TO BE ENCOUNTERED ON A PROJECT.
- RIGIDLY SECURE SLOTTED TOP TRACK TO BUILDING SUPERSTRUCTURE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



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

KEYED NOTES

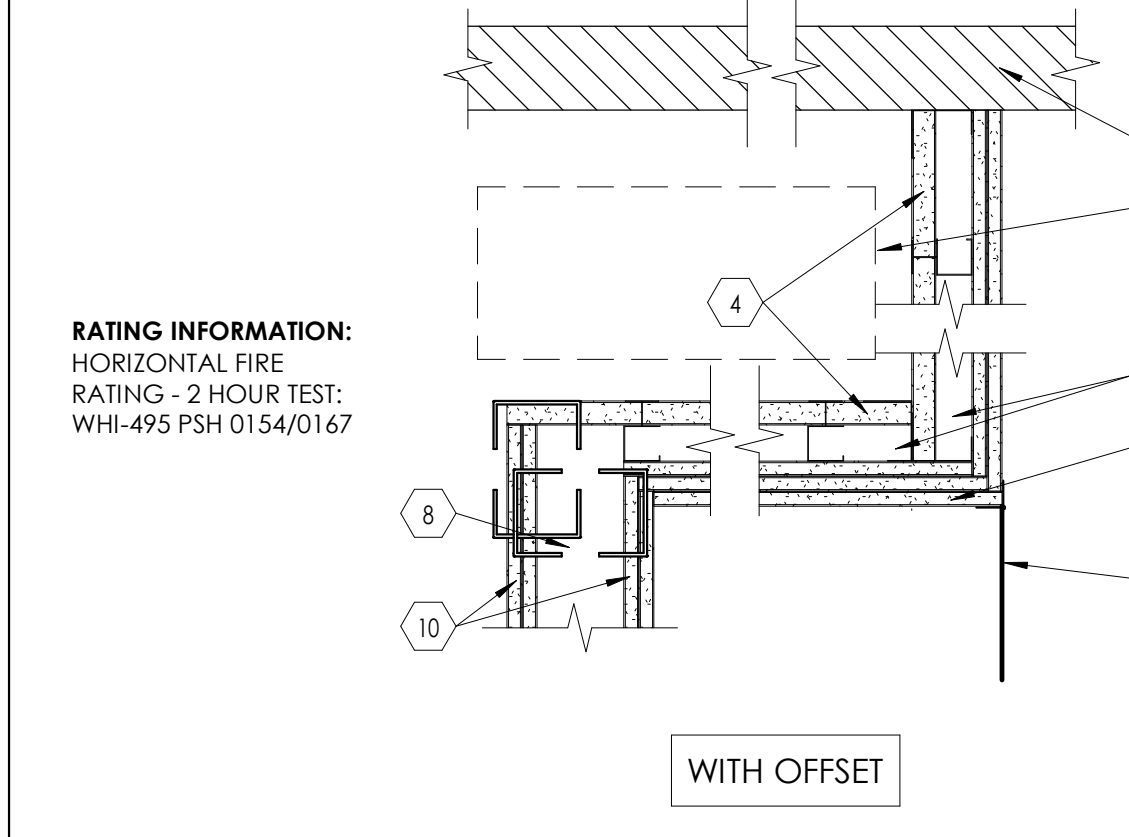
- FLOOR OR ROOF DECK AS OCCURS.
- GYPSON BOARD 1" SHAFT LINER PANEL 6" HIGH MIN. CUT TO FLUTED DECK CONTOUR.
- MINERAL WOOL 3" 4 LB MIN. FRICTION FITTED BETWEEN J TRACK AND FLUTE.
- MINERAL WOOL 1" 4 LB MIN. FRICTION FITTED INSIDE J TRACK CAVITY.
- GYPSON BOARD 1" SHAFT LINER PANEL STOP AT 1" BELOW THE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



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

KEYED NOTES

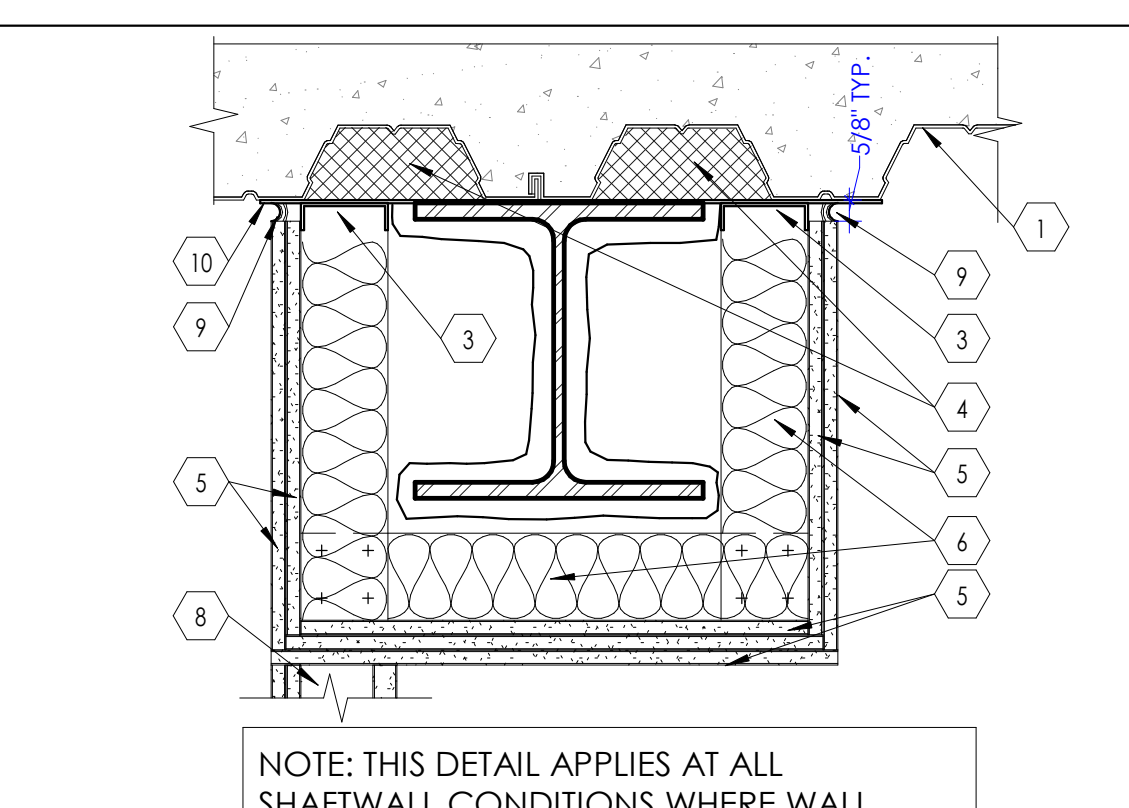
- FLOOR OR ROOF DECK AS OCCURS.
- CONTINUOUS ACOUSTIC/SMOKE SEALANT/FIRE STOP AS REQUIRED EACH SIDE.
- SLOTTED TOP TRACK. FOR ADDITIONAL INFORMATION SEE DETAIL 9 / A502B
- FILL FLUTE AT METAL DECK WITH CONTINUOUS 4LB MINERAL WOOL. FRICTION FIT BETWEEN TOP TRACK AND FLUTE.
- GYPSON BOARD, 5/8" THICK,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



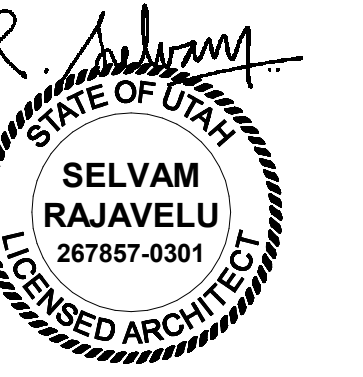
8 2-HR Horizontal Enclosure
SCALE: 1 1/2" = 1'-0"

KEYED NOTES

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



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



KEYED NOTES

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

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

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

KEYED NOTES

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

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

KEYED NOTES

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

CONTRACTORS OPTION IN LIEU OF E.B. 1/8"

CONTRACTORS OPTION IN LIEU OF E.B. WHEN STUD IS BELOW DECK PLATE 1/8"

CONTRACTORS OPTION IN LIEU OF E.B. WHEN STUD IS BELOW DECK PLATE

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

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

KEYED NOTES

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

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

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

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

KEYED NOTES

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

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

KEYED NOTES

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

SEE REFLECTED CEILING PLAN FOR CEILING HEIGHT

SEE REFLECTED CEILING PLAN FOR SOFFIT HEIGHT

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

KEYED NOTES

1. EXPANSION SLEEVES 4"x1 1/2"x1/4", 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 ROOF FOR HEIGHT. SUSPEND CEILING GRID FROM UNISTRUT ONLY. CONTRACTOR SHALL NOT SUSPEND LIGHTS, GRIDS, ETC. FROM DUCTS.

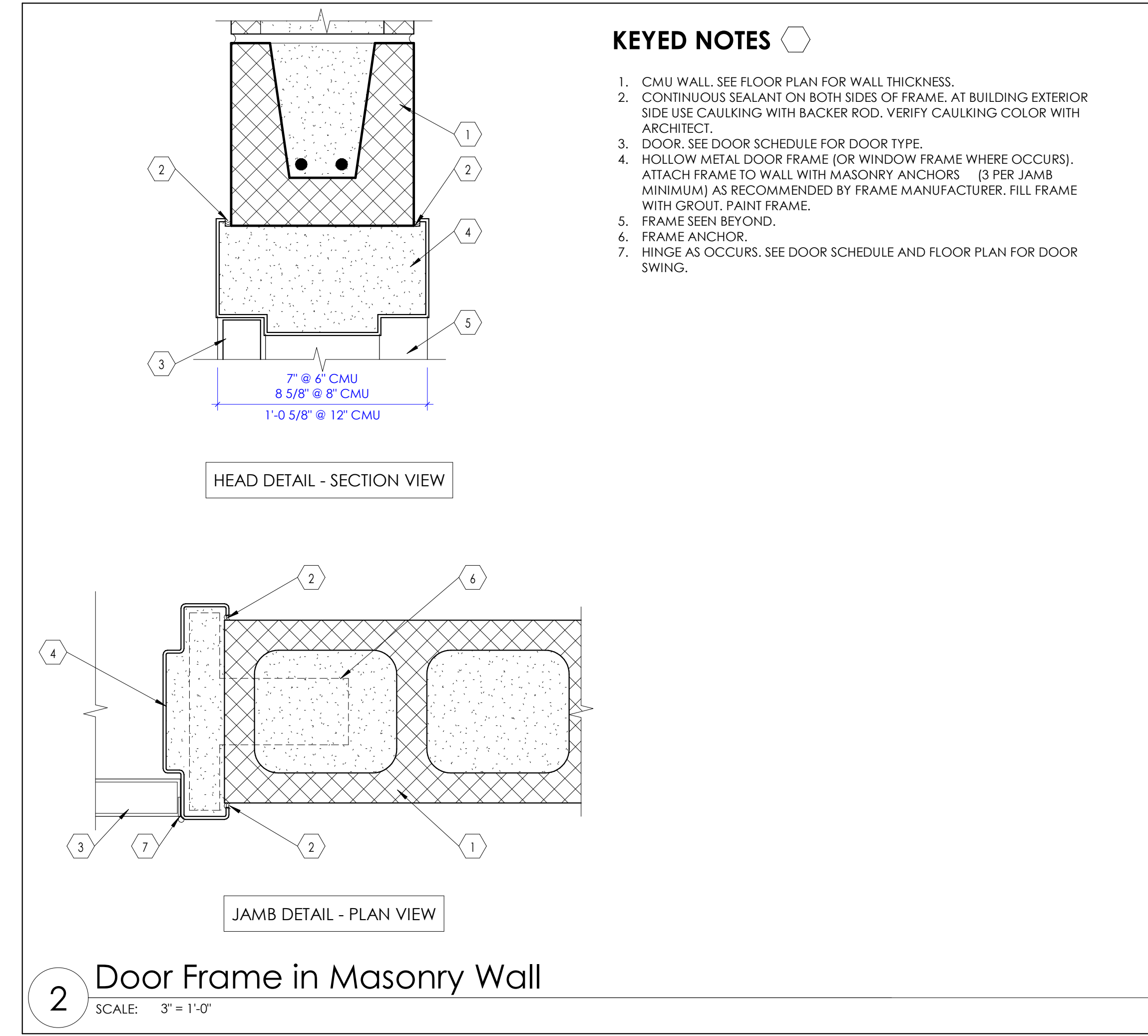
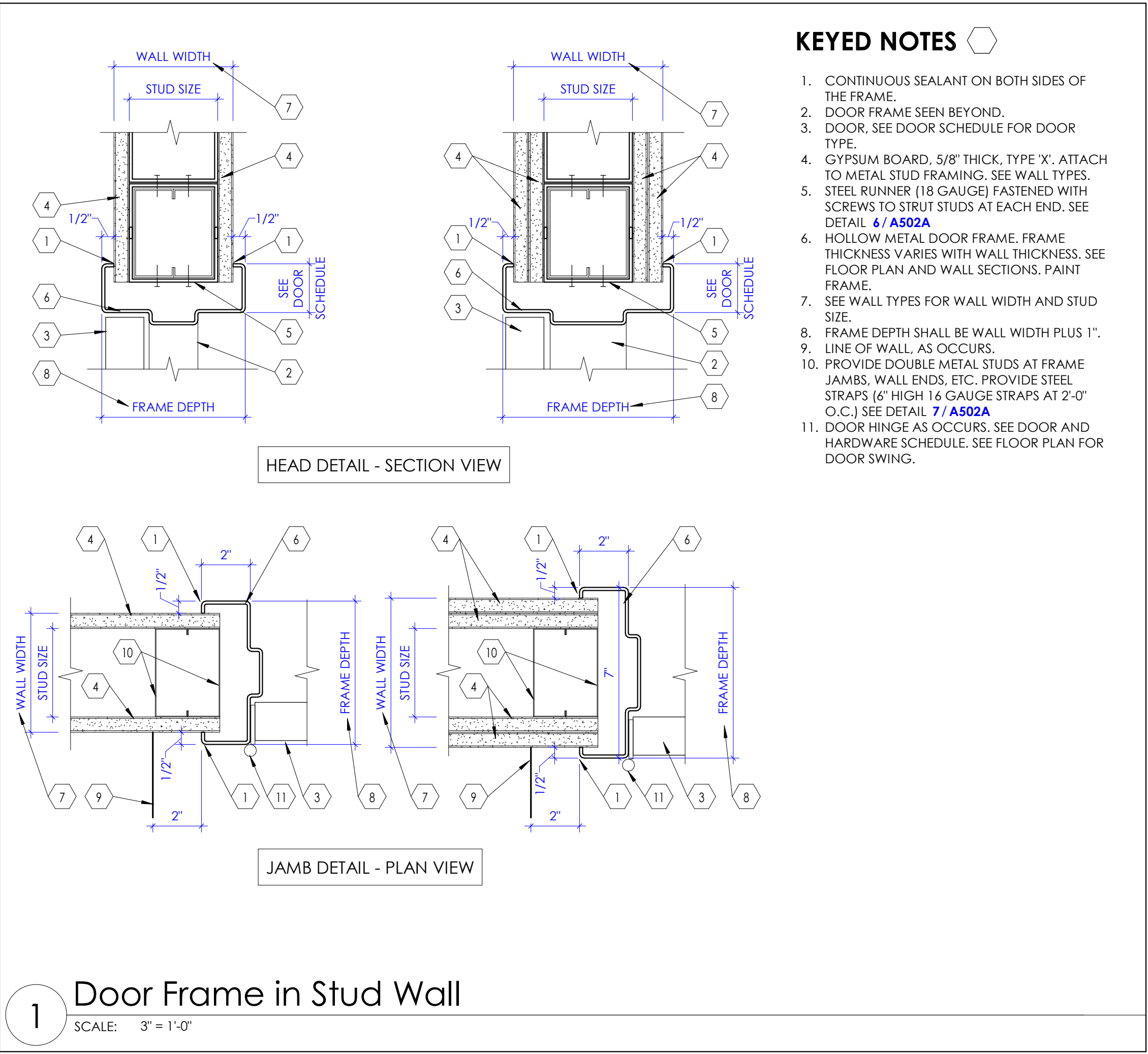
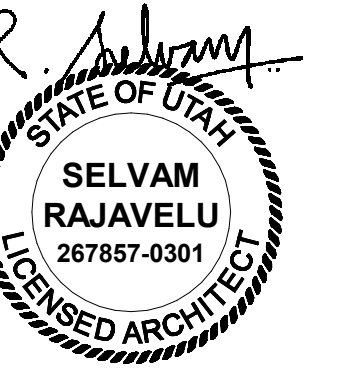
NOTE: CONTRACTOR SHALL PROVIDE UNISTRUTS AS INDICATED IN THIS DETAIL WHEREVER DUCT INTERFERES WITH CEILING SUSPENSION SYSTEM.

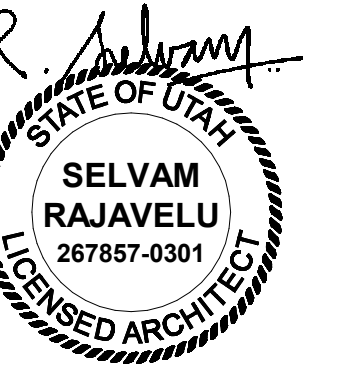
11 Suspended Ceiling Trapeze Detail
SCALE: 1/2" = 1'-0"

KEYED NOTES

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

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

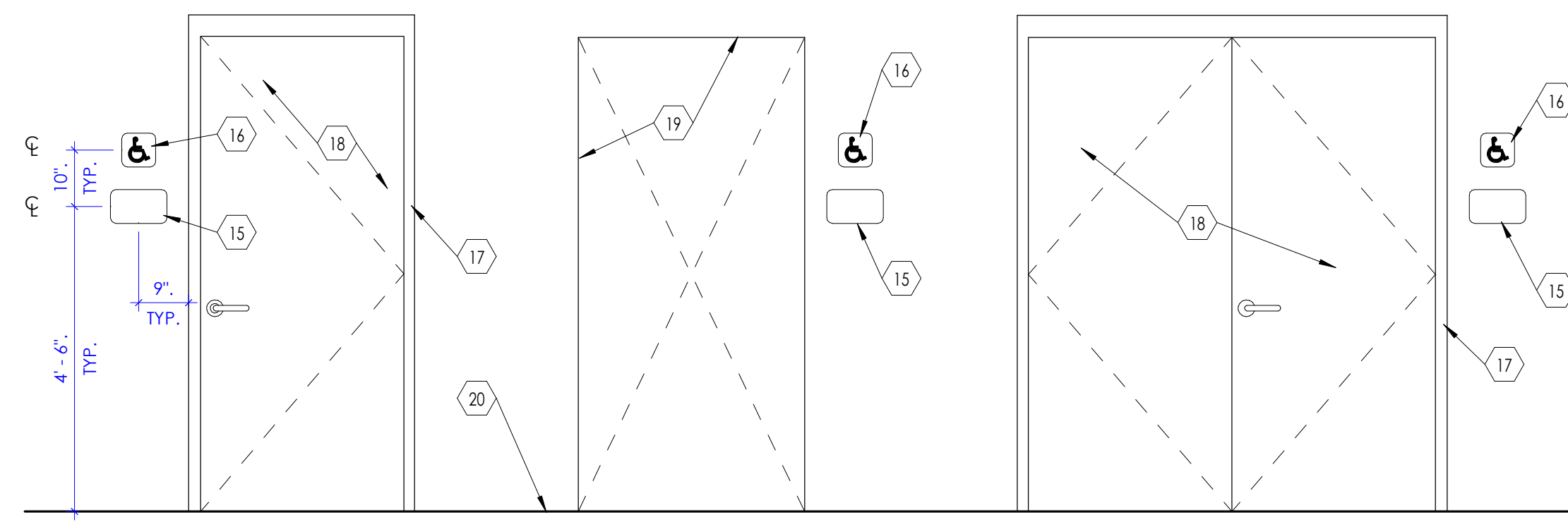
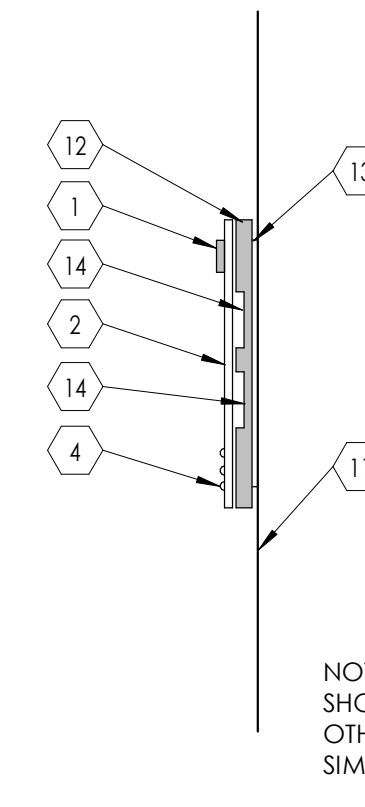
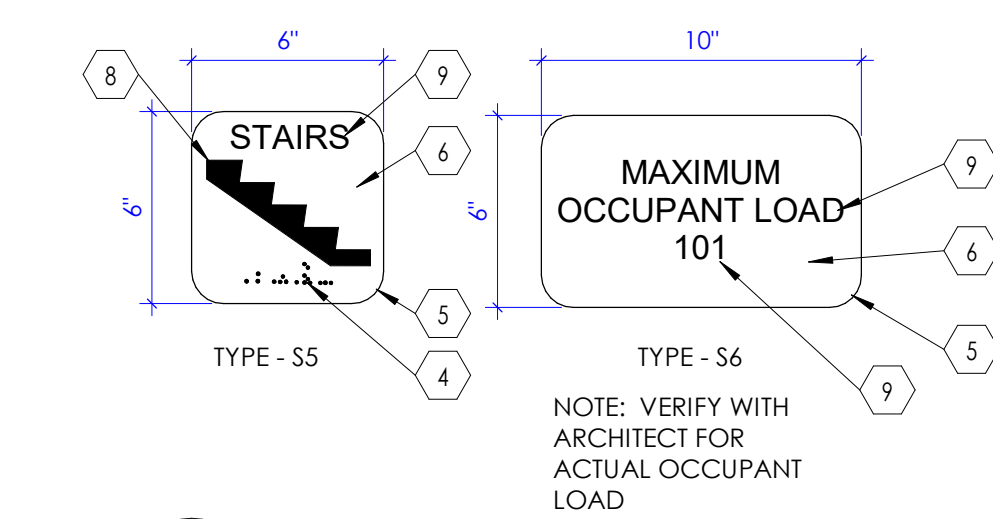
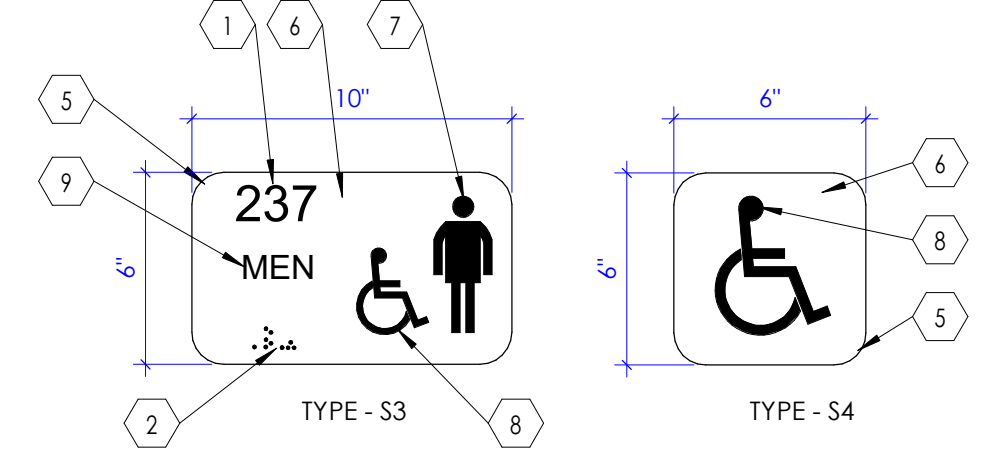
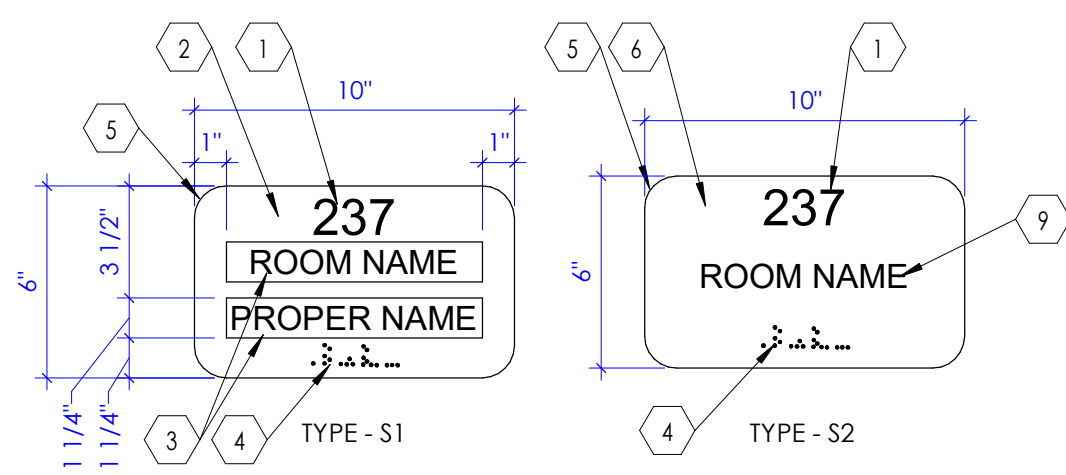




KEYED NOTES

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

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



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

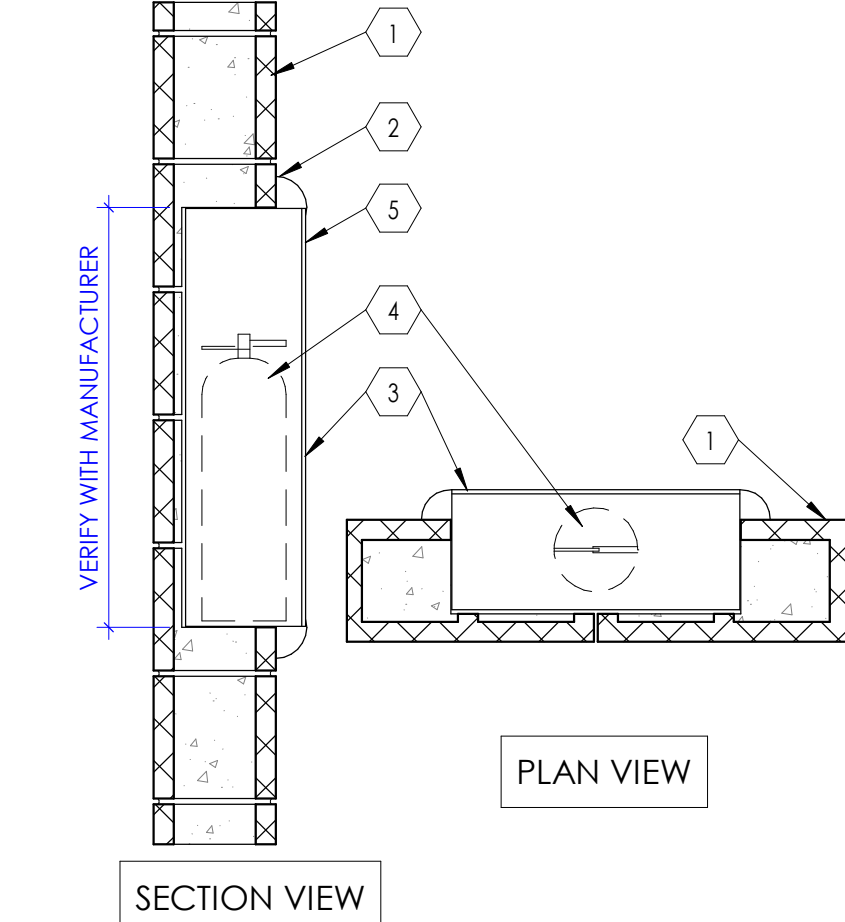
B Sign Mounting
SCALE: 3" = 1'-0"

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

1 Room Signage Detail
SCALE: N.T.S.

KEYED NOTES

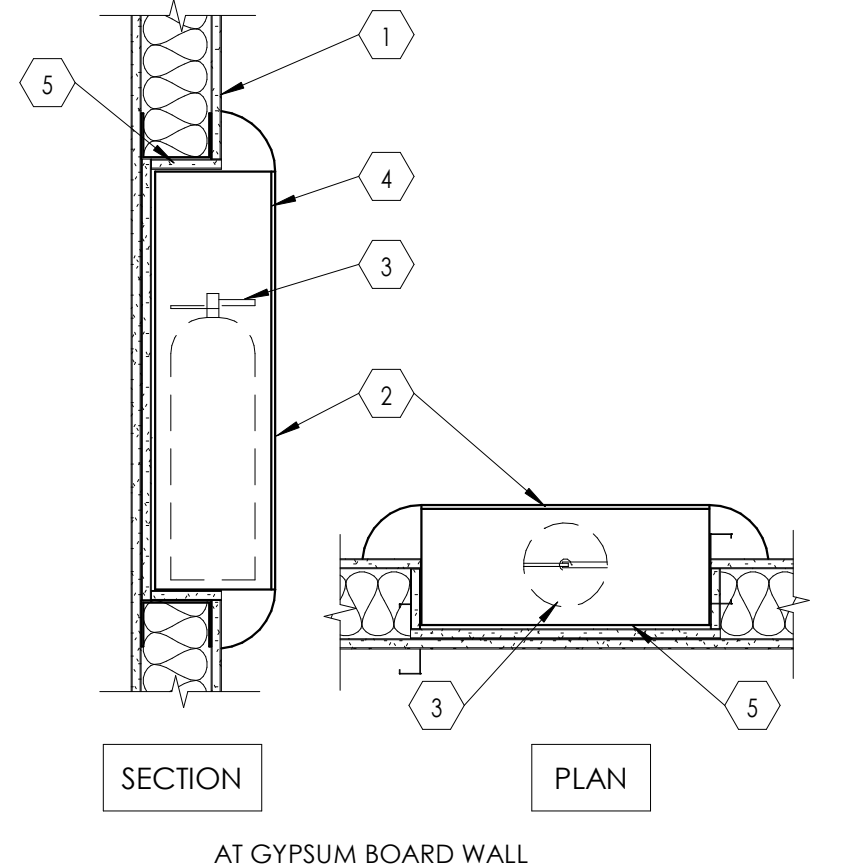
- INTERIOR MASONRY WALL - REINFORCE AROUND OPENINGS AS REQUIRED BY STRUCTURAL PLANS.
- CAULK @ PERIMETER.
- SEMI-RECESSED FIRE EXTINGUISHER CABINET. VERIFY WITH MANUFACTURER FOR ROUGH OPENING SIZE REQUIREMENTS.
- HAND HELD FIRE EXTINGUISHER.
- CABINET DOOR.



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

KEYED NOTES

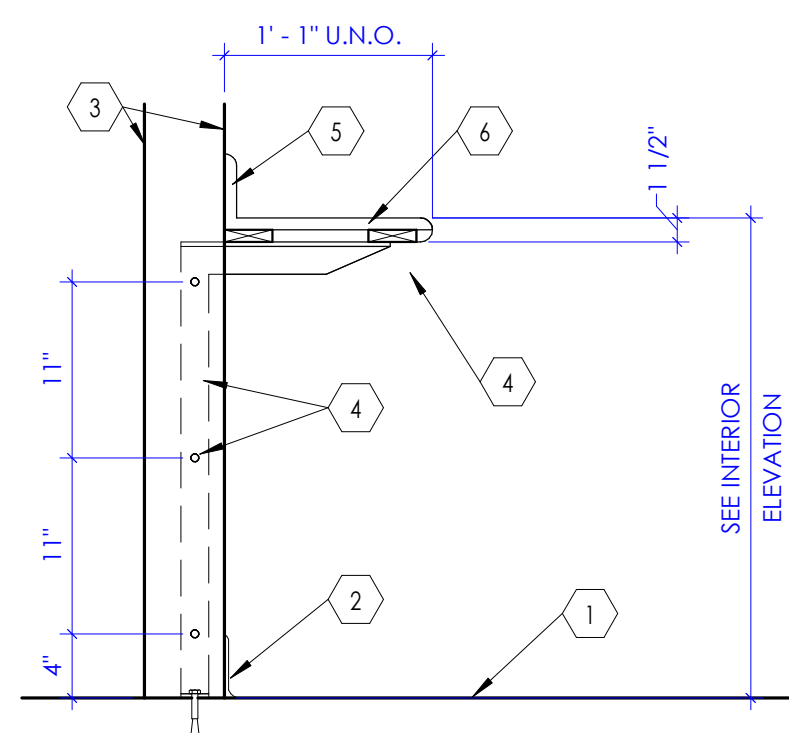
- GYPSUM BOARD, 5/8" THICK. (USE TYPE 'X' IF WALLS ARE FIRE RATED) ATTACHED TO METAL STUD.
- FIRE EXTINGUISHER CABINET, SEMI RECESSED. VERIFY WITH MANUFACTURER FOR ROUGH OPENING SIZE REQUIREMENTS.
- HAND HELD FIRE EXTINGUISHER.
- CABINET DOOR.
- COVER ALL SIDES OF CABINET WITH 5/8" THICK, TYPE 'X' GYPSUM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



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

KEYED NOTES

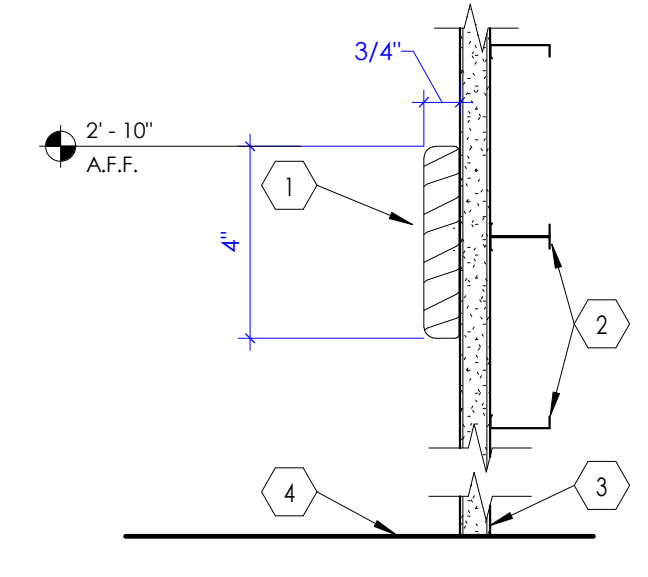
- LINE OF FLOOR.
- WALL BASE, SEE FINISH SCHEDULE.
- WALL, SEE FLOOR PLAN & WALL TYPES.
- COUNTERTOP SUPPORT, PAINTED. SUPPORT SHALL BE STEEL ANGLE. CHAMFER EXPOSED EDGES SMOOTH. ATTACH SUPPORT TO METAL STUDS INSIDE WALL WITH 1/4" BOLTS, AS SHOWN. AT FLOOR, PROVIDE 3" WIDE X 6" LONG X 1/4" THICK, BASE STEEL PLATE WELDED TO VERTICAL STEEL ANGLE. ATTACH BASE PLATE TO FLOOR WITH TWO 1/2" DIAMETER ANCHOR BOLTS (ON EITHER SIDE OF THE VERTICAL ANGLE) WITH 3" MINIMUM EMBED IN CONCRETE FLOOR. CONTRACTOR SHALL REVIEW INTERIOR ELEVATIONS AND LOCATE SUPPORTS DURING WALL CONSTRUCTION. SUPPORT SPACING SHALL NOT EXCEED 4'-0" O.C. MAXIMUM.
- BACKSPLASH, SEE TYPICAL COUNTERTOP DETAIL 5 / A506A
- COUNTERTOP, SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL 5 / A506A



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

KEYED NOTES

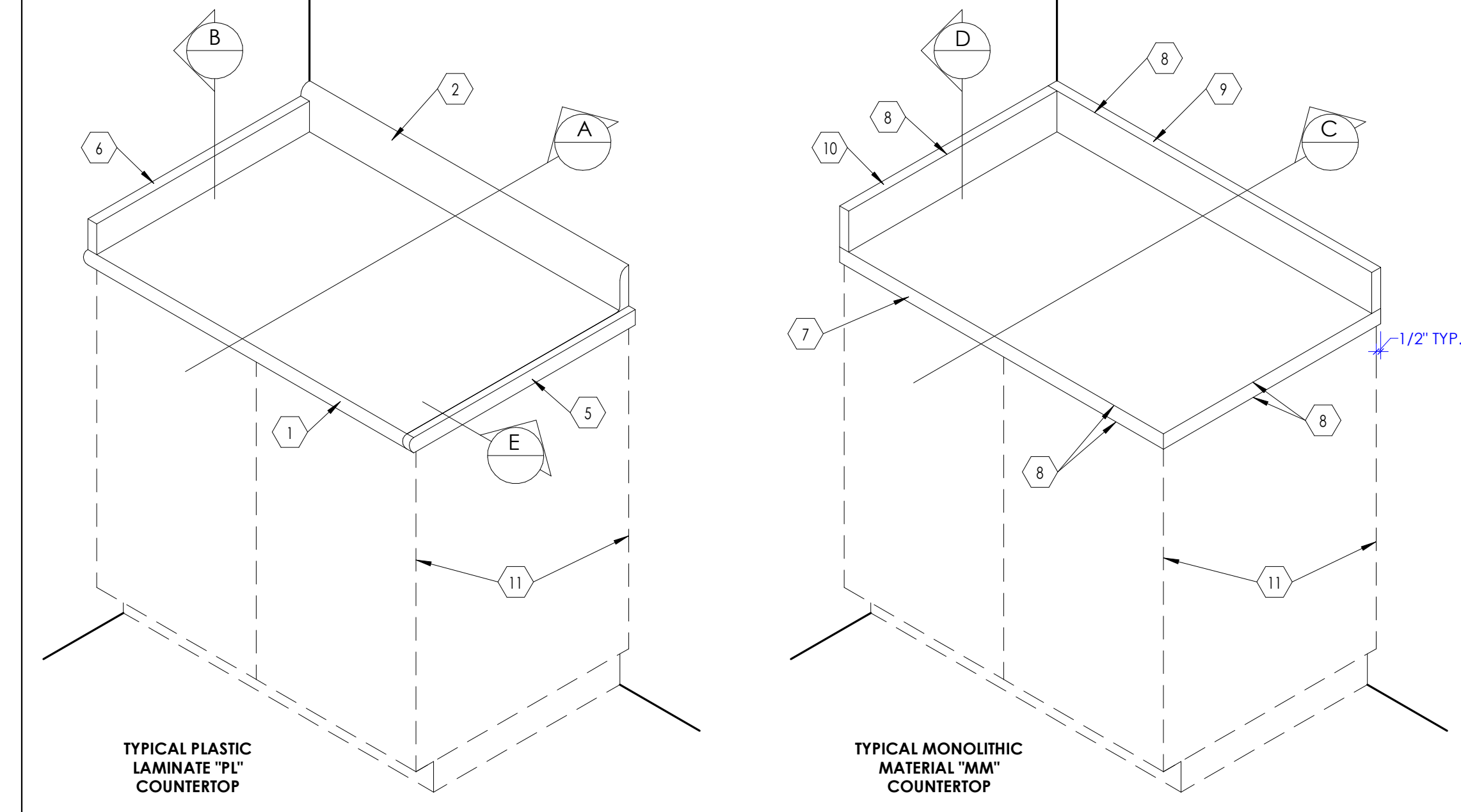
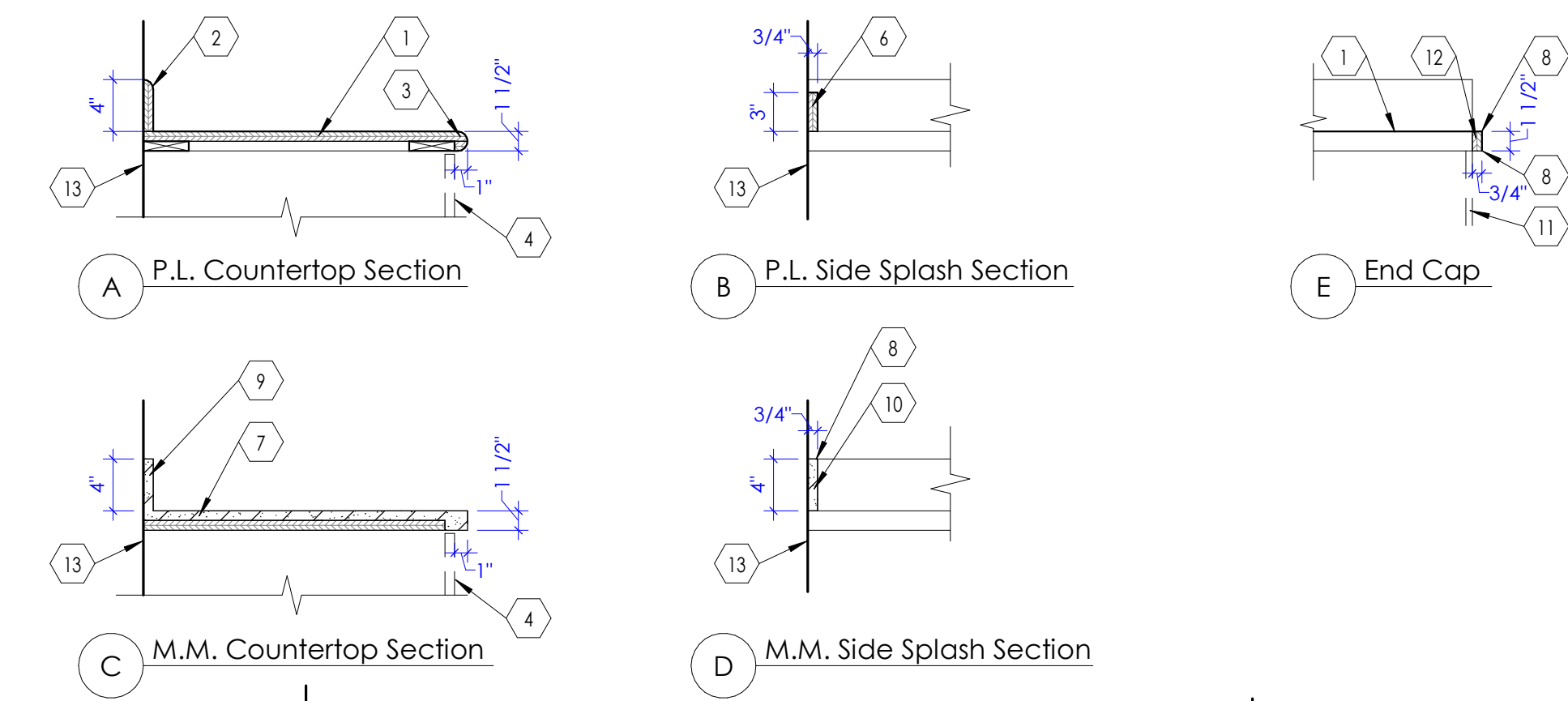
- 4" HIGH WOOD CHAIR RAIL - STAINED.
- 6" 16 GA METAL STUD BACKING CONTINUOUS. SEE DETAIL 5 / A502A FOR TYPE 1 BACKING.
- GYPSUM WALL BOARD AS OCCURS. SEE WALL TYPES.
- LINE OF FINISHED FLOOR.



7 Chair Rail Detail
SCALE: 3" = 1'-0"

KEYED NOTES

- COUNTERTOP, PLASTIC LAMINATE WRAPPED OVER WOOD SUBSTRATE, 3/4" THICK. SUBSTRATE SHALL BE AS PER ARCHITECTURAL WOODWORK INSTITUTE (AWI) STANDARDS FOR "PREMIUM" GRADE. PROVIDE FULL ROUND EDGE AS INDICATED. WHERE PLASTIC LAMINATE COUNTERTOP IS CALLED OUT AT SINK LOCATIONS, USE EXTERIOR GRADE MARINE PLYWOOD WITH AN IMPERVIOUS SEAL. SEE DETAIL - / - - -
- BACKSPLASH, INTEGRAL, PLASTIC LAMINATE SHALL RUN CONTINUOUSLY FROM COUNTERTOP TO BACKSPLASH. BACKSPLASH SHALL HAVE A 3/4" RADIUS EDGE AT TOP AS INDICATED.
- PROVIDE FULL ROUND (BULL NOSE) EDGE AT ALL PLASTIC LAMINATE COUNTERTOPS, TYPICAL.
- BASE CABINET DOOR AS OCCURS.
- EXPOSED END OF THE COUNTERTOP SHALL BE WRAPPED WITH PLASTIC LAMINATE, UNLESS NOTED OTHERWISE. WHERE INDICATED IN FINISH FLOOR PLANS AND/OR INTERIOR ELEVATIONS, PROVIDE SOLID SURFACE END CAP AS PER DETAIL "E".
- SIDESPLASH, PLASTIC LAMINATE OVER WOOD SUBSTRATE, 3/4" THICK. SUBSTRATE SHALL BE AS PER ARCHITECTURAL WOODWORK INSTITUTE (AWI) STANDARDS FOR "PREMIUM" GRADE. PROVIDE CONTINUOUS CLEAR SEALANT WHERE SIDESPLASH ABUTS WALL AND COUNTERTOP, UNLESS NOTED OTHERWISE. SIDESPLASH IS REQUIRED AT ALL LOCATIONS WHERE COUNTERTOP ABUTS VERTICAL SURFACES SUCH AS WALLS, BUILDING COLUMNS, TALL CABINETS, ETC.
- COUNTERTOP, MONOLITHIC MATERIAL. ATTACH COUNTERTOP TO BASE CABINET AND/OR STEEL SUPPORTS WHERE OCCURS.
- PROVIDE 1/8" RADIUS AT ALL EXPOSED EDGE MATERIAL.
- BACKSPLASH, MONOLITHIC MATERIAL. ATTACH BACKSPLASH TO COUNTERTOP TO PERFORM AS INTEGRAL BACKSPLASH. PROVIDE CONTINUOUS CLEAR SEALANT WHERE SIDESPLASH ABUTS WALL.
- SIDESPLASH, MONOLITHIC MATERIAL. ATTACH SIDESPLASH TO WALL. PROVIDE CONTINUOUS CLEAR SEALANT WHERE SIDESPLASH ABUTS WALL AND COUNTERTOP, UNLESS NOTED OTHERWISE. SIDESPLASH IS REQUIRED AT ALL LOCATIONS WHERE COUNTERTOP ABUTS VERTICAL SURFACES SUCH AS WALLS, BUILDING COLUMNS, TALL CABINETS, ETC.
- BASE CABINET AS OCCURS. SEE INTERIOR ELEVATIONS. AT KNEE SPACE LOCATIONS AND WHERE THERE ARE NO BASE CABINETS TO SUPPORT THE COUNTERTOP, PROVIDE STEEL SUPPORTS PER DETAILS 4 / A506A AND 4 / A506A
- END CAP, SOLID SURFACE MATERIAL ATTACHED TO COUNTERTOP. PROVIDE MATCHING BULL NOSE EDGE AT FRONT AND 1/8" RADIUS EDGE AS INDICATED.
- LINE OF WALL.



5 Typical Countertop Detail
SCALE: 1" = 1'-0"

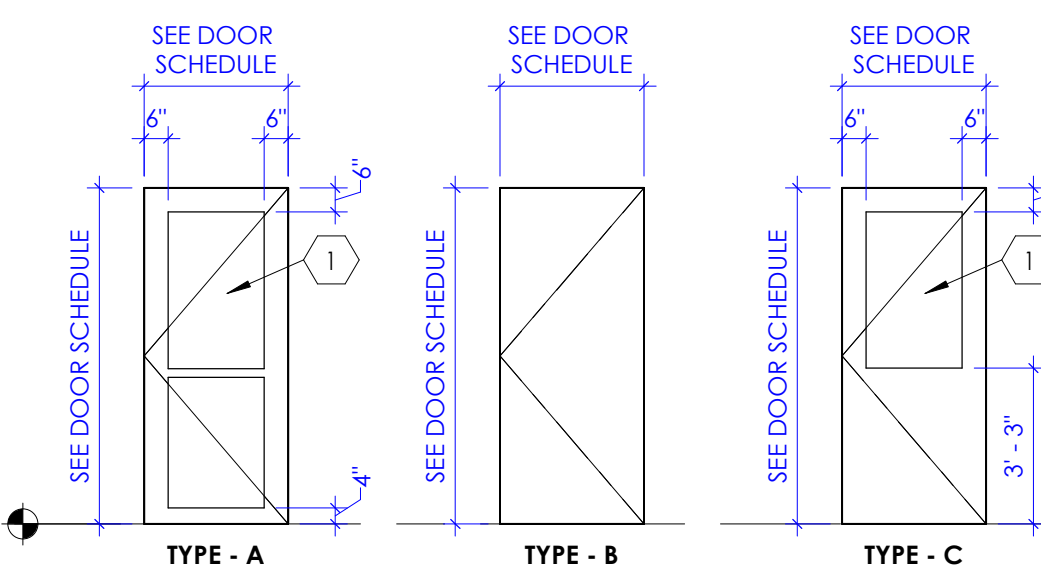
NOTE: SEE INTERIOR ELEVATIONS AND FINISH FLOOR PLANS FOR LOCATIONS OF DIFFERENT COUNTERTOPS ("P.L." AND/OR "M.M.") REQUIRED IN THIS PROJECT. SEE FINISH SCHEDULE, SHEET A502A, FOR COLOR, STYLE, ETC. FOR VARIOUS COUNTERTOP MATERIALS ("P.L." DENOTES PLASTIC LAMINATE AND "M.M." DENOTES MONOLITHIC MATERIAL).

DOOR SCHEDULE

#	# OF PANELS	DOOR					FRAME		DETAILS				DOOR #	FIRE RATING (MINUTES)	HARDWARE GROUP	COMMENTS
		W1	HEIGHT	THICKNESS	MATERIAL	TYPE (1/A601A)	DEPTH	MATERIAL	JAMB	HEAD	THRESHOLD					
A126A	1	3'-0"	7'-0"	1 3/4"	WD	B	2	5 7/8"	HM			A126A		1		
A126B	1	EXIST.	EXIST.	EXIST.	WD	-	-	EXIST.	HM			A126B		1		
A128A	1	3'-0"	7'-0"	1 3/4"	WD	D	1	5 7/8"	HM			A128A		2		
A129A	1	3'-0"	7'-0"	1 3/4"	WD	B	2	5 7/8"	HM			A129A		2		
A130A	1	3'-8"	7'-7"	1 3/4"	ALUM	A	1		ALUM			A130A		3	HAND WAVE INTERLOCKING ACTIVATION	
A131A	1	3'-8"	7'-7"	1 3/4"	ALUM	A	1		ALUM			A131A		3	HAND WAVE INTERLOCKING ACTIVATION	
A133A	1	3'-0"	7'-0"	1 3/4"	WD	B	2	5 7/8"	HM			A133A	20 MIN	4		
A135A	1	3'-6"	7'-0"	1 3/4"	WD	B	2	5 7/8"	HM			A135A	20 MIN	4		

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.

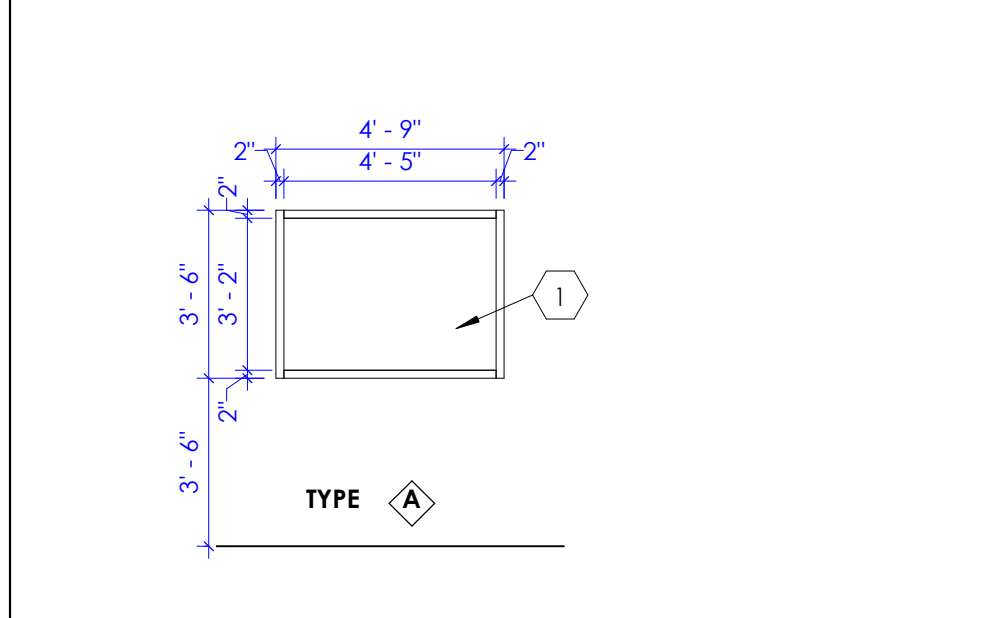


1 Door Types
SCALE: 1/4" = 1'-0"

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

KEYED NOTES

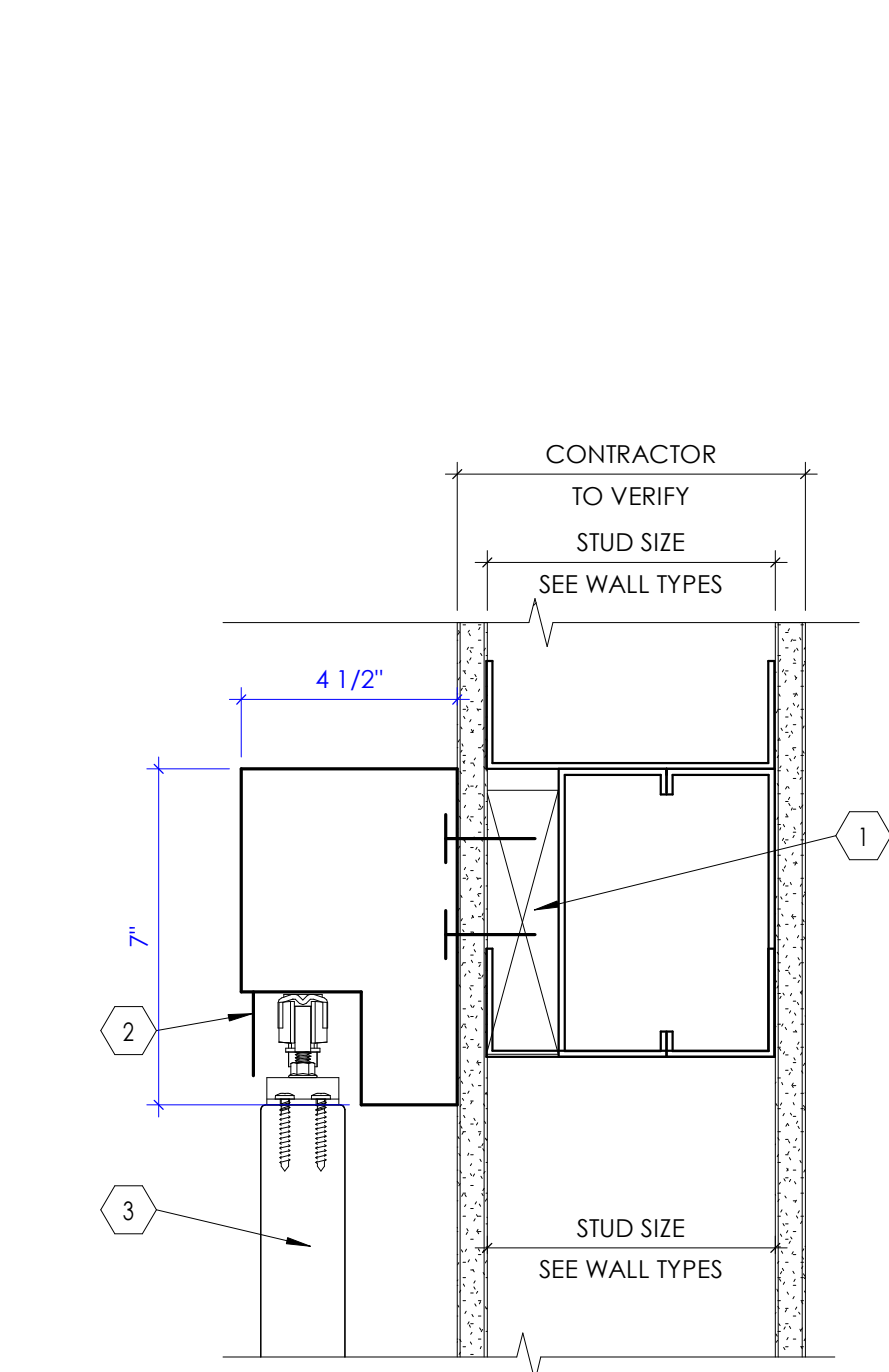
- STAINLESS STEEL CLEAN ROOM WINDOW. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.



6 Window Type A
SCALE: 1/4" = 1'-0"

KEYED NOTES

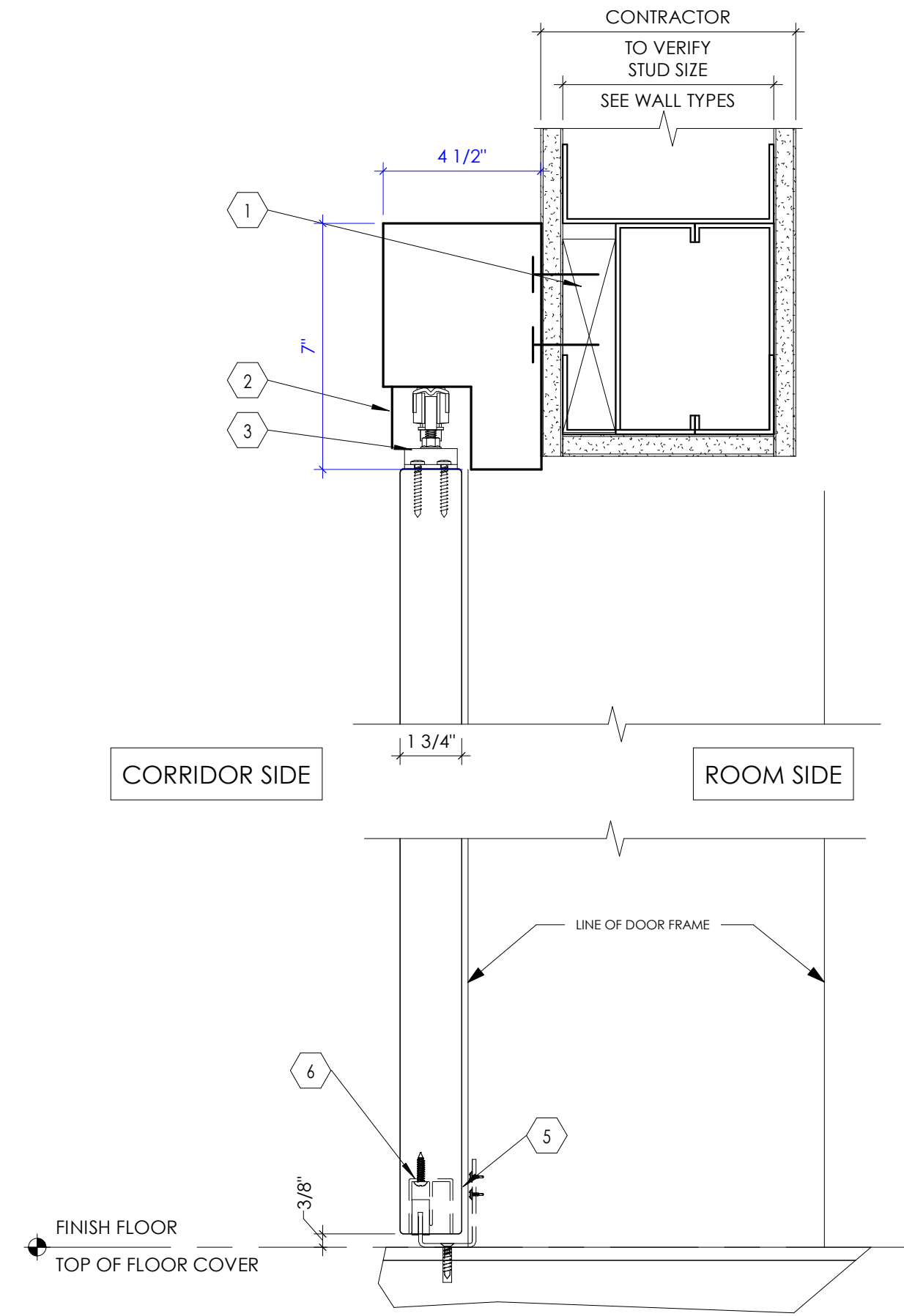
- 2 X 6 X CONT. FIRE TREATED WOOD BLOCKING FOR THE FULL LENGTH OF VALANCE PLUS 6" ON EITHER SIDE.
- VALANCE WITH END CAPS PER MFR.
- DOOR. SEE DOOR SCHEDULE. FINISH TO MATCH ALL NEW DOORS IN THE PROJECT.



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

KEYED NOTES

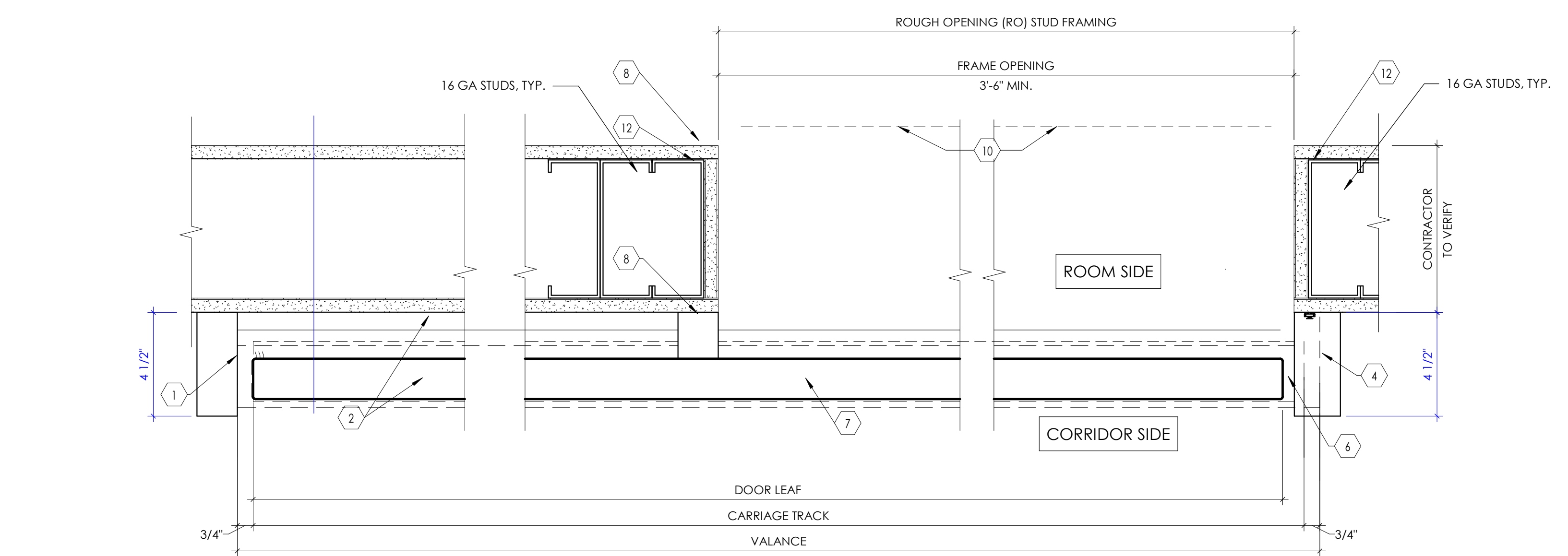
- 2 X 6 X CONT. FIRE TREATED WOOD BLOCKING FOR THE FULL LENGTH OF VALANCE PLUS 6" ON EITHER SIDE.
- VALANCE WITH END CAPS PER MFR.
- CLOSER & CARRIAGE TRACK PER MFR.
- ALUMINUM DOOR FRAME PER MFR.
- BOTTOM TRACK PER MFR.
- SILL GUIDE PER MFR.
- DOOR. SEE DOOR SCHEDULE. FINISH TO MATCH ALL NEW DOORS IN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



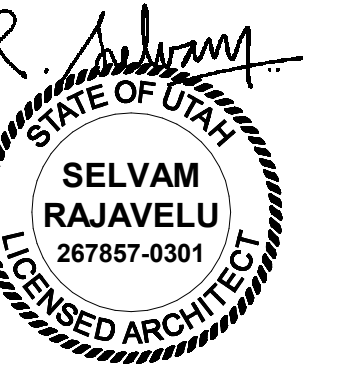
4 Sliding Door Detail Section Head and Sill
SCALE: 3" = 1'-0"

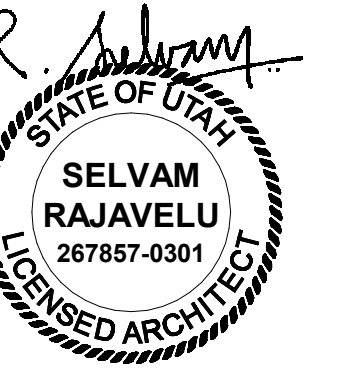
KEYED NOTES

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





KEYED NOTES

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

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

KEYED NOTES

- LINE OF CONCRETE FLOOR.
- LINE OF FINISH FLOOR. SEE FINISH SCHEDULE.
- TILE. SEE FINISH SCHEDULE.
- QUARTZ THRESHOLD, SIZE 2"X3/4" WITH CHAMFERED EDGE SET OVER CONCRETE SLAB. (OPTION A: SAW CUT CONCRETE SLAB, CHIP AND REMOVE CONCRETE AS REQUIRED FOR SETTING THE THRESHOLD IN PLACE. OPTION B: BLOCK OUT THE THRESHOLD PROFILE WHILE PLACING CONCRETE SLAB). QUARTZ SHALL BE SELECTED BY ARCHITECT.
- DOOR FRAME (WHERE OCCURS) SEEN BEYOND. SEE DOOR SCHEDULE.
- DOOR (WHERE OCCURS) SEEN BEYOND. SEE DOOR SCHEDULE.
- THIS 2" MAXIMUM RECESS DIMENSION INDICATED IS BASED ON THE FLOOR COVERING SLOPE (AT 1/8" PER FOOT FROM ROOM PERIMETER TOWARDS THE FLOOR DRAIN IN THE MIDDLE OF THE ROOM). THIS CAN BE REDUCED FOR SMALLER ROOMS BASED ON THE REQUIRED SLOPE, NUMBER OF FLOOR DRAINS AND ROOM SIZE.

3 Quartz Threshold (at Concrete Slab on Grade Locations)
SCALE: 6" = 1'-0"

KEYED NOTES

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

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

KEYED NOTES

- CMU WALL.
- SEE WALL TYPES FOR WALL CONSTRUCTION.
- PROVIDE J SHAPED METAL TRIM WITH CONTINUOUS SEALANT AT ALL MASONRY WALL JOINTS.

2 Finish Detail
SCALE: 3" = 1'-0"

KEYED NOTES

- LINE OF WALL.
- DIMENSION TO BE 8" FOR CERAMIC TILE, 24" FOR CARPET TILE, ETC. SEE FINISH SCHEDULE.
- SQUARE JOINT PATTERN.

NOTE: FLOORING PIECE NOT TO BE SMALLER THAN 1' X 1'.

5 JP-1 (Square) Detail
SCALE: 3/4" = 1'-0"

KEYED NOTES

- LINE OF WALL.
- DIMENSION TO BE 12" FOR LVT.
- SEE FINISH SCHEDULE.
- DIMENSION TO BE 24" FOR LVT.
- SEE FINISH SCHEDULE.
- RECTANGLE JOINT PATTERN.

NOTE: FLOORING PIECE NOT TO BE SMALLER THAN 1' X 1'.

6 JP-2 (Rectangular) Detail
SCALE: 3/4" = 1'-0"

KEYED NOTES

- LINE OF WALL.
- DIMENSION TO BE 12" FOR LVT.
- SEE FINISH SCHEDULE.
- DIMENSION TO BE 24" FOR LVT.
- SEE FINISH SCHEDULE.
- OFFSET JOINT PATTERN.

NOTE: FLOORING PIECE NOT TO BE SMALLER THAN 1' X 1'.

7 JP-3 (Offset) Detail
SCALE: 3/4" = 1'-0"

KEYED NOTES

- LINE OF WALL.
- FOR DIMENSION, SEE FINISH SCHEDULE.
- HEXAGONAL JOINT PATTERN.

NOTE: FLOORING PIECE NOT TO BE SMALLER THAN 1' X 1'.

8 JP-4 (Hexagonal) Detail
SCALE: 3/4" = 1'-0"

KEYED NOTES

- LINE OF WALL.
- CUSTOM JOINT PATTERN.

NOTE: FLOORING PIECE NOT TO BE SMALLER THAN 1' X 1'.

9 JP-5 (Custom) Detail
SCALE: 3/4" = 1'-0"

KEYED NOTES

- WALL.
- FLOOR STRUCTURE.
- SHEET VINYL FLOOR COVERING. SEE FINISH SCHEDULE.
- CONTINUOUS COVE MOLDING.
- TRIM SET IN CONTINUOUS CAULK BEAD. SEE FINISH SCHEDULE.
- CONTINUOUS CAULK BEAD UNDER EDGE OF TRIM.

10 Wall Base Cap
SCALE: 12" = 1'-0"

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)
	SIDEWALL SUPPLY REGISTER
	SIDEWALL EXHAUST OR RETURN REGISTER
	CEILING SUPPLY DIFFUSER WITH FLEXIBLE DUCT
	CEILING AIR GRILLE WITH FLEXIBLE DUCT
	FLAT OVAL DUCT WITH FREE AREA DIMENSIONS SHOWN IN INCHES.
	RECTANGULAR DUCT WITH FREE AREA DIMENSIONS SHOWN IN INCHES.
	ROUND DUCT WITH FREE AREA DIMENSIONS SHOWN IN INCHES.
	RW=1, ROUND DUCT SIMILAR TO RECTANGULAR
	RECTANGULAR TO ROUND DUCT TRANSFORMATION MAXIMUM 15° INCLUDED ANGLE EXCEPT WHERE SHOWN OTHERWISE.
	RECTANGULAR TO ROUND DUCT TRANSFORMATION
	HIGH EFFICIENCY FITTING
	MANUAL VOLUME DAMPER
	SINGLE DUCT AIR TERMINAL BOX VARIABLE OR CONSTANT VOLUME, MIN. 1-1/2" TERMINAL INLET SIZE STRAIGHT DUCT AT TERMINAL INLET.

TOP FIGURES INDICATE NECK SIZE, BOTTOM FIGURE INDICATES CFM.

PIPING

	SHUT OFF VALVE
	BALL VALVE
	CHECK VALVE
	LATERAL STRAINER WITH BLOW-OFF VALVE, PROVIDE HOSE END WITH CAP WHERE DISCHARGE IS NOT PIPED TO DRAIN
	ATC - 2 WAY VALVE
	ATC - 3 WAY VALVE
	CALIBRATED BALANCING VALVE WITH GPM INDICATED
	TEMPERATURE AND PRESSURE TEST PORT
	THERMOMETER - TEMP RANGE AS INDICATED
	PRESSURE GAUGE WITH SHUT OFF PLUG VALVE
	UNION
	FLANGE
	REDUCER
	ECCENTRIC REDUCER
	BRANCH - BOTTOM CONNECTION
	BRANCH - TOP CONNECTION
	BRANCH - SIDE CONNECTION
	RISE OR DROP
	RISE - DOWN (ELBOW)
	RISE - UP (ELBOW)
	PIPE CAP
	ARROW INDICATES DIRECTION OF FLOW IN PIPE
	VALVE IN RISE

PLUMBING

	HOSE BIBB
	FLOOR DRAIN
	FLOOR CLEAN-OUT OR CLEAN-OUT TO GRADE
	ROOF DRAIN
	VENT THRU ROOF
	CLEAN-OUT
	DEMOLITION

ANNOTATIONS

	PLUMBING FIXTURES
	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

	DOMESTIC COLD WATER (DCW)
	DOMESTIC HOT WATER (DHW)
	DOMESTIC HOT WATER RETURN (DHW-R)
	EXISTING PIPING
	EXISTING PIPING TO BE REMOVED
	HEATING HOT WATER RETURN
	HEATING HOT WATER SUPPLY
	MEDICAL AIR
	MEDICAL VACUUM
	MEDICAL OXYGEN
	ROOF DRAIN
	ROOF DRAIN OVERFLOW
	SEWER (BELOW GRADE)
	SEWER (ABOVE GRADE)
	VENT (SEWER)

FIRE SUPPRESSION GENERAL NOTES

- CONTRACTOR SHALL REMOVE AND REDESIGN SPRINKLER SYSTEM IN COORDINATION WITH NEW DUCTWORK, PIPING, LIGHTING, AND OTHER TRADES WHERE REQUIRED.
- ALL NEW BRANCHLINES OR OTHER LINES 1-1/4-INCH AND SMALLER SHALL BE SCHEDULE 40 OR THREADABLE THINWALL WITH THREADED ENDS AND CONNECTIONS.
- ALL NEW MAINS OR LINES 1-1/2-INCH AND LARGER SHALL BE SCHEDULE 40 WITH THREADED OR GROOVED ENDS AND GROOVED COUPLINGS.
- NEW SPRINKLERS SHALL HAVE A CONCEALED ESCUTCHEON, WHITE, WITH A FLAT COVER PLATE. INSTALL NEW QUICK RESPONSE HEADS THROUGHOUT REMODEL SPACE. DO NOT MIX STANDARD AND QUICK RESPONSE HEADS IN A ROOM/COMPARTMENT.
- SPRINKLERS WITHIN COMPOUNDING PHARMACY ROOMS SHALL BE CLEAN ROOM TYPE HEADS, WITH DUST SEAL INSTALLED BETWEEN CONCEALED ESCUTCHEON AND CEILING. IN NO INSTANCE SHALL A HOLE IN THE CEILING BE CUT AT A GREATER DIAMETER THAN WHAT CAN BE SEALED BY THE ESCUTCHEON. THERE SHALL BE NO AIR GAP BETWEEN ESCUTCHEON SEAL AND CEILING PLANE.
- FLEXIBLE SPRINKLER DROPS SHALL BE PERMITTED ONLY WITH AN ACCOMPANYING HYDRAULIC ANALYSIS PROVING THEIR FUNCTIONALITY AGAINST THEIR ADDED PRESSURE LOSSES.
- SYSTEM SHALL BE PRESSURE TESTED PER NFPA 13 (2016) STANDARDS. TEST REPORTS LAID OUT IN ACCORDANCE WITH NFPA STANDARDS SHALL BE FILLED OUT AND SUBMITTED TO ENGINEER OF RECORD UPON TEST COMPLETION.
- INSTALL SEISMIC BRACING AS REQUIRED BASED ON PIPE TYPE AND SIZING, PER NFPA 13 STANDARDS.
- INSPECT SYSTEM RISER FOR COMPLIANCE WITH LOCAL CODES AND REQUIREMENTS. MAKE ANY NECESSARY REPAIRS OR MODIFICATIONS FOR FULL SYSTEM ACCEPTANCE BY AHJ.
- ALL SYSTEM COMPONENTS SHALL BE UL LISTED OR FM APPROVED.
- BE THOROUGHLY FAMILIAR WITH THE DIVISION 21 SPECIFICATION SECTION(S) AND ITS REQUIREMENTS BEFORE ATTEMPTING REDESIGN.

MECHANICAL GENERAL NOTES

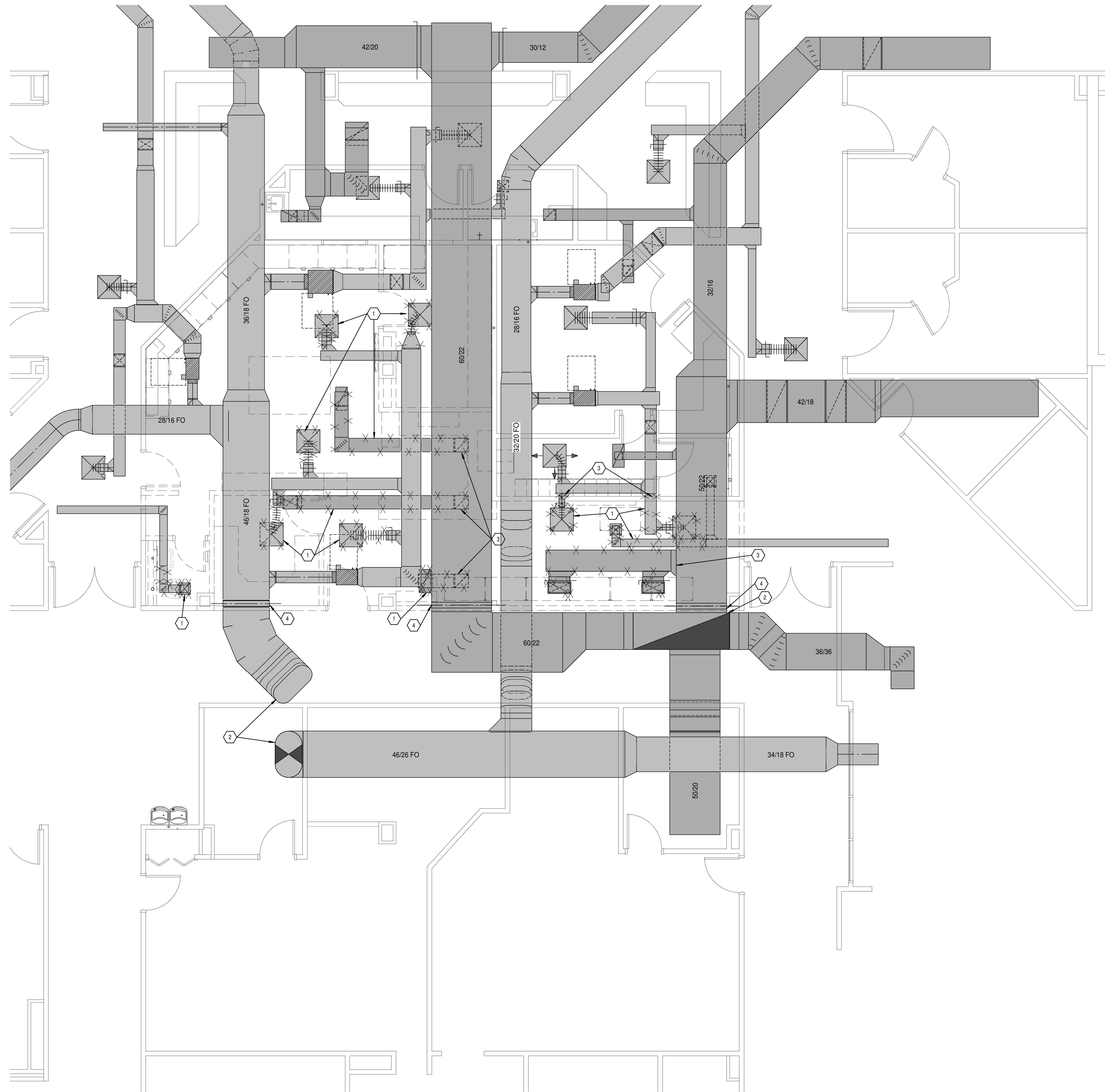
- PROVIDE CD-1 TYPE DIFFUSER, AS SCHEDULED, FOR ALL CEILING SUPPLY DIFFUSERS UNLESS NOTED OTHERWISE. SEE DETAIL 8/M501.
- PROVIDE RG-1 TYPE GRILLE, AS SCHEDULED, FOR ALL CEILING RETURN GRILLES SHOWN AS SUCH. PROVIDE SIZE 22x22, OR 22x10 WITH SOUND BOOT FOR UNDUCTED GRILLES. SEE DETAIL 4/M501.
- PROVIDE EG-1 TYPE GRILLE, AS SCHEDULED, FOR ALL CEILING EXHAUST GRILLES, SHOWN AS SUCH.
- PROVIDE BALANCING DAMPERS AT EACH BRANCH TAKE OFF TO SERVE DIFFUSER OR GRILLE AS WELL AS WHERE INDICATED.
- COORDINATE EXACT LOCATION OF DUCTS WITH STRUCTURAL MEMBERS, LIGHTS, REFLECTED CEILING, CABLE TRAY, PLUMBING, MECHANICAL PIPING, ETC.
- BRANCH DUCTWORK SHALL BE SIZED TO MATCH THE NECK SIZE OF THE DIFFUSER, REGISTER OR GRILLE IT SERVES UNLESS NOTED OTHERWISE.
- INSTALL HARD ELBOWS AS SHOWN. HARD ELBOWS ARE REQUIRED FOR SOUND ATTENUATION.
- INSTALL EQUIPMENT WITH CLEARANCE PER MANUFACTURER'S RECOMMENDATIONS. MAINTAIN PROPER SPACE FOR COIL PULL, CONTROLS, AND MAINTENANCE ACCESS.
- INSTALL TURNING VANES IN ALL SQUARE AND RECTANGULAR LOW PRESSURE DUCTWORK.
- DETAILS REFERENCE ALL SHEETS.
- DO NOT ROUTE DUCTS OR PIPES ABOVE ELECTRICAL PANELS. DO NOT ROUTE DUCTS OR PIPES IN ELECTRICAL ROOMS, EXCEPT DUCTS AND PIPES SERVING THE ROOM.
- IF CONTRACTOR ENCOUNTERS MATERIAL WHICH MAY CONTAIN ASBESTOS, IMMEDIATELY STOP WORK IN THIS AREA AND NOTIFY THE OWNER.
- PROVIDE CEILING ACCESS PANELS AS REQUIRED WHERE MECHANICAL EQUIPMENT, VALVES, VAV BOXES, FIRE DAMPERS, ETC. ARE LOCATED ABOVE INACCESSIBLE CEILINGS.
- ALL DUCT DIMENSIONS ARE INSIDE FREE AREA DIMENSIONS. ADJUST SHEET METAL DIMENSION FOR LINED DUCT.

MECHANICAL PIPING GENERAL NOTES

- PIPING DRAWINGS ARE SCHEMATIC IN NATURE. FIELD VERIFY ALL ROUTING AND COORDINATE WITH ALL OTHER TRADES.
- NO PIPING TO RUN DIRECTLY OVER ELECTRICAL PANELS, MCC'S, VFD'S. ROUTE AROUND AS REQUIRED.
- INSTALL MANUAL AIR VENTS AT ALL HYDRONIC SYSTEM HIGH POINTS.
- INSTALL ALL EQUIPMENT WITH SUFFICIENT CLEARANCE FOR MAINTENANCE PER MANUFACTURER'S RECOMMENDATION. PROVIDE A 24"x24" ACCESS DOOR BELOW EQUIPMENT BOX AND CONTROL VALVES WHERE INSTALL OVER HARD CEILING AREAS.
- COORDINATE EXACT LOCATION OF T-STATS WITH ARCHITECTURAL FURNISHINGS.
- INSTALL A 24"x24" ACCESS PANEL BELOW ALL VALVES, CIRCUIT SETTERS, AND CONTROL VALVES OVER HARD CEILINGS.
- MECHANICAL PIPING TO BE INSTALLED ABOVE DUCTWORK AND EQUIPMENT EXCEPT WHERE SHOWN.
- FIELD VERIFY ALL EQUIPMENT LOCATIONS.
- DETAILS REFERENCE ALL SHEETS.

PLUMBING GENERAL NOTES

- SLOPE PIPING AS FOLLOWS, UNLESS OTHERWISE NOTED. WASTE BRANCHES 1/4" PER FOOT. WASTE MAINS: 1/8" PER FOOT.
- PLUMBING DRAWINGS ARE SCHEMATIC IN NATURE. FIELD VERIFY EXACT ROUTING AND COORDINATE WITH ALL OTHER TRADES.
- NO PIPING TO RUN OVER ELECTRICAL PANELS, VFD'S, OR MCC'S.
- NO FIRE PROTECTION LINE IS TO BE DESIGNED OR INSTALLED PRIOR TO CLOSE COORDINATION WITH ALL OTHER DISCIPLINES. DUCTWORK, MECHANICAL PIPING, AND PLUMBING TAKE PRECEDENCE OVER FIRE PROTECTION PIPING. FAILURE TO COMPLY WILL RESULT IN FIRE PROTECTION REMOVAL AND REINSTALLATION AT THE CONTRACTOR'S EXPENSE.
- REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURE MOUNTING HEIGHTS, DIMENSIONS, AND OTHER REQUIREMENTS.
- CONTRACTOR TO VERIFY CONNECTION SIDE OF ADA FIXTURES AND ADJUST ACCORDINGLY.
- INSTALL DOMESTIC WATER LINES BELOW DUCTWORK.
- INSTALL A 24"x24" ACCESS DOOR BELOW ALL ISOLATION VALVES AND CIRCUIT SETTERS WHERE MOUNTED ABOVE HARD CEILINGS.
- MOUNT ALL CEILING TYPE ISOLATION VALVES, CONTROL VALVES, CIRCUIT SETTERS, ETC. NEAR CEILING FOR ACCESSIBILITY.
- DETAILS REFERENCE ALL SHEETS.
- EXISTING PIPING SHOWN HAS BEEN TAKEN FROM INFORMATION PROVIDED BY OTHERS. FIELD VERIFY ALL SYSTEMS, SIZES, LOCATIONS, AND ELEVATIONS PRIOR TO STARTING ANY NEW WORK.



- KEYED NOTES**
1. REMOVE EXISTING AS SHOWN. SEE MECHANICAL PLAN FOR NEW LAYOUT. TYPICAL.
 2. UP TO AH-1 IN ROOF MOUNTED PENTHOUSE.
 3. PATCH AND REPAIR EXISTING DUCT OPENINGS AIR TIGHT. TYPICAL.
 4. EXISTING SMOKE DAMPER. DISCONNECT ACTUATOR AND LOCK DAMPER IN OPEN POSITION. LABEL DAMPER AS ABANDONED IN PLACE.



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Intermountain Healthcare
Cassia Regional Medical Center
Pharmacy Remodel (USP 797)

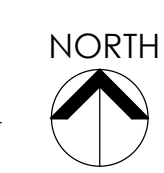
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 Burley, Idaho 83318

NJRA Project # 19228.04
 Construction Documents March 22, 2021

**MECHANICAL
 DEMOLITION
 PLAN**

M111

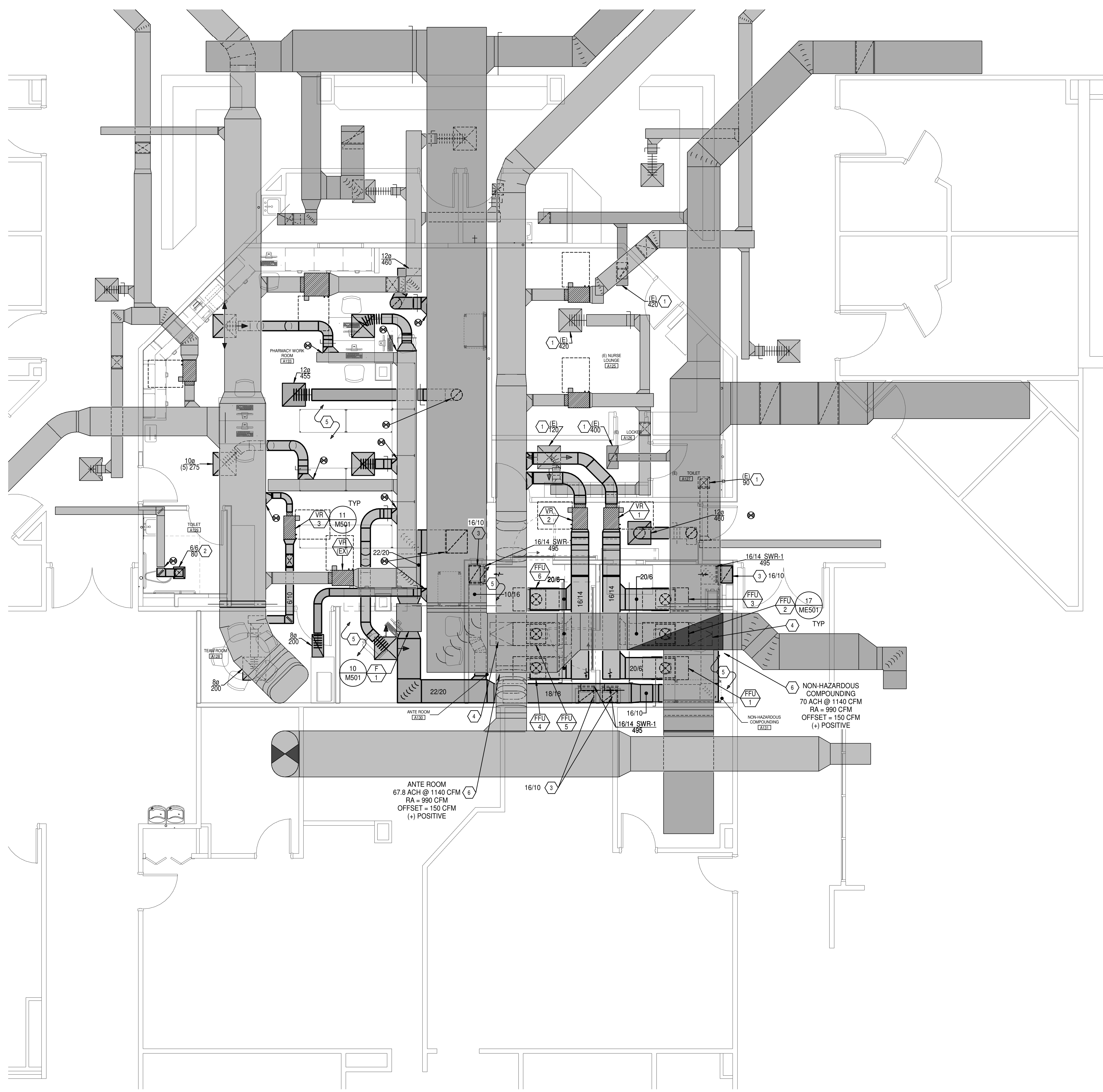
1 MECHANICAL DEMOLITION PLAN
 SCALE: 1/4" = 1'-0"



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- KEYED NOTES**
- BALANCE EXISTING GRILL TO AIRFLOW NOTED.
 - RELOCATE EXISTING GRILL AND BALANCE TO AIRFLOW NOTED.
 - DROP RETURN DUCT OF THE SIZE NOTED TO LOW SIDEWALL GRILL MOUNTED AT 12" AFF.
 - PROVIDE 24" x 24" GASKETED CEILING ACCESS PANEL. COORDINATE EXACT LOCATION WITH FAN FILTER UNIT ELECTRICAL DISCONNECTS AND BACNET CONTROLLERS.
 - CONTRACTOR SHALL RELOCATE EXISTING FIRE PROTECTION PIPING, ELECTRICAL CONDUIT AND ELECTRICAL WIRING AS NECESSARY TO COORDINATE WITH NEW EQUIPMENT.
 - COMPOUNDING ROOM AND ANTE ROOM AIRFLOW BALANCING: SPACE PRESSURIZATION SHALL BE BALANCED TO 0.05" W.G. POSITIVE.



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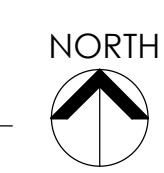
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MECHANICAL
PLAN

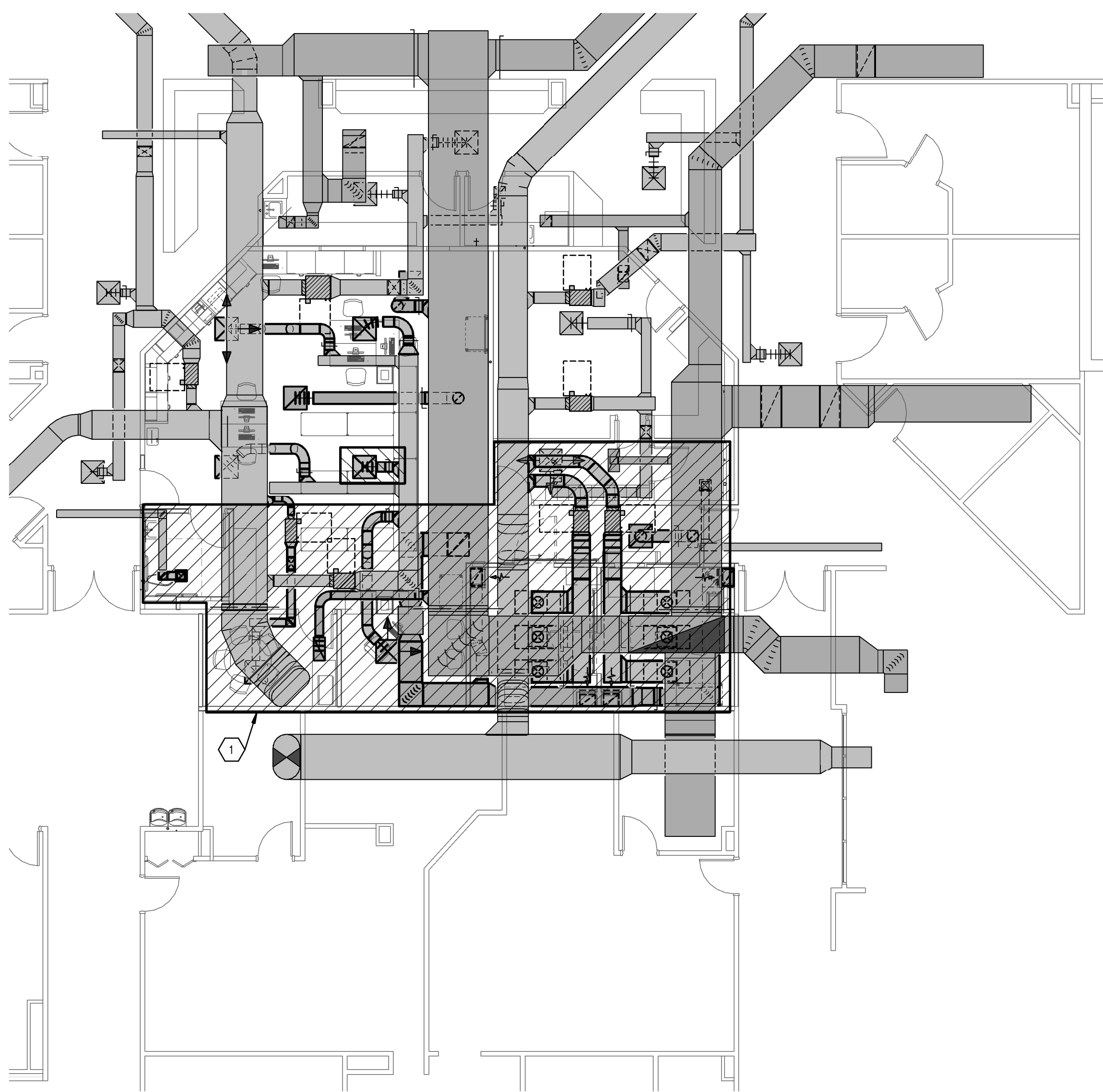
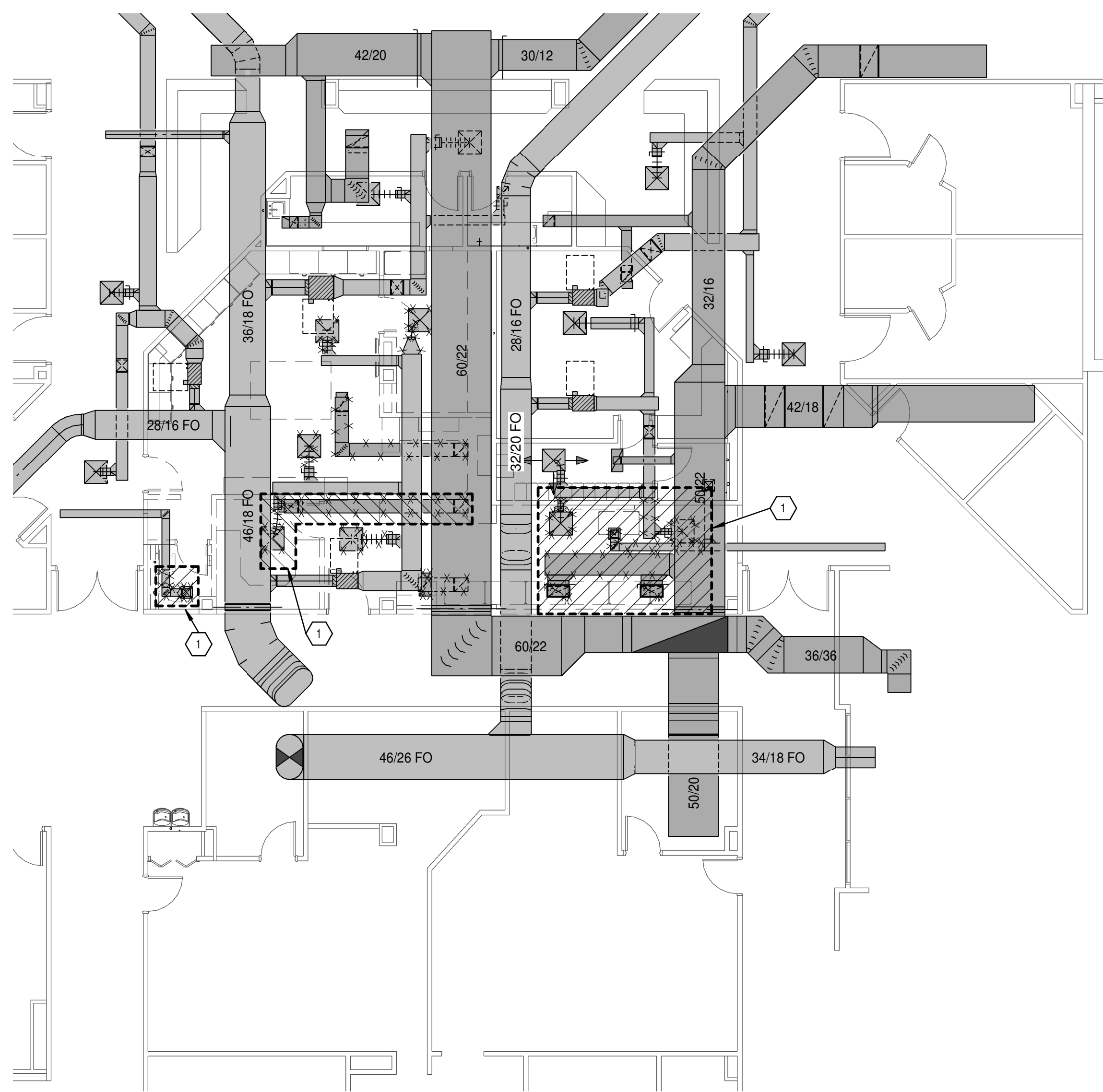
M112

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



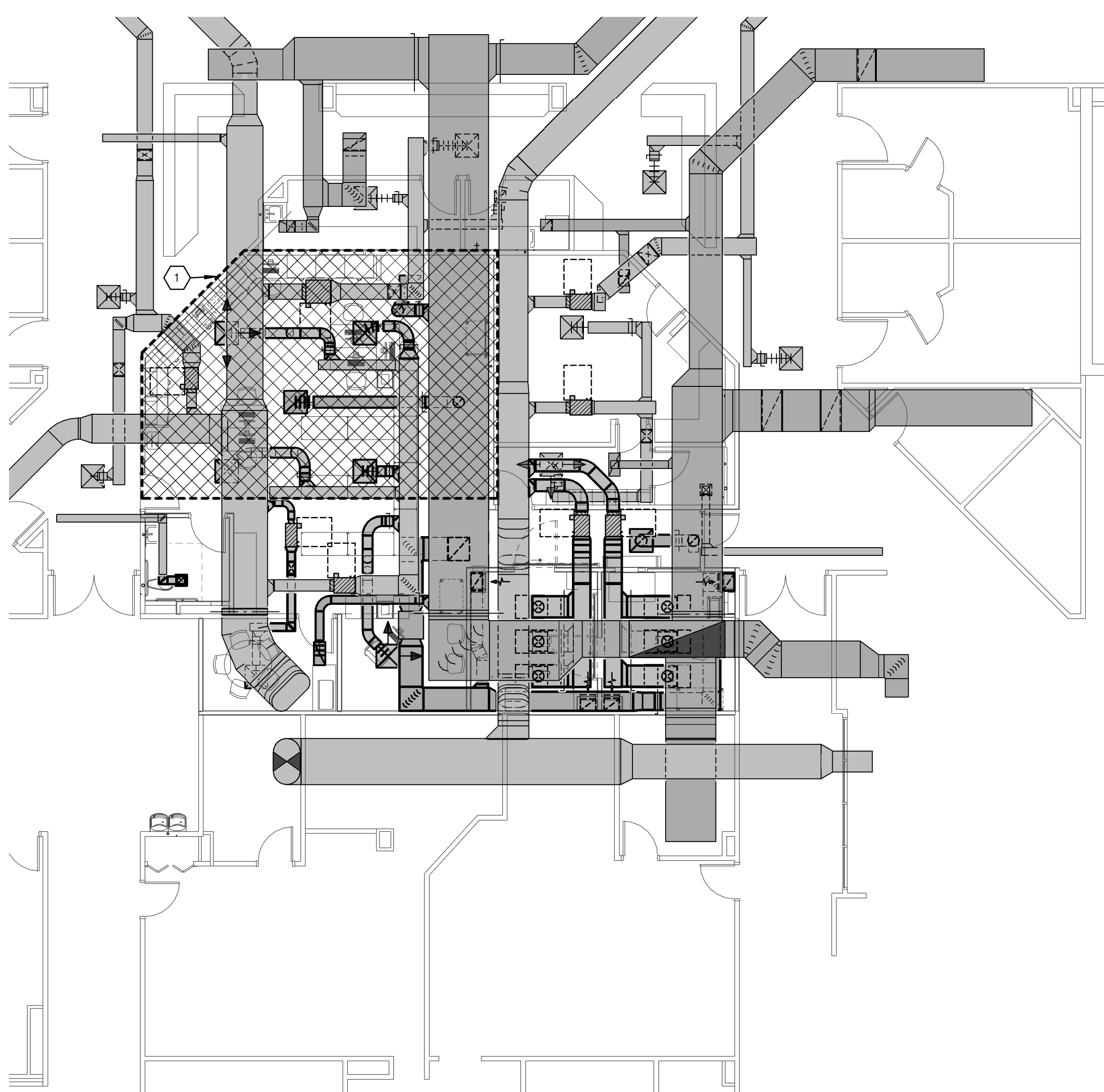
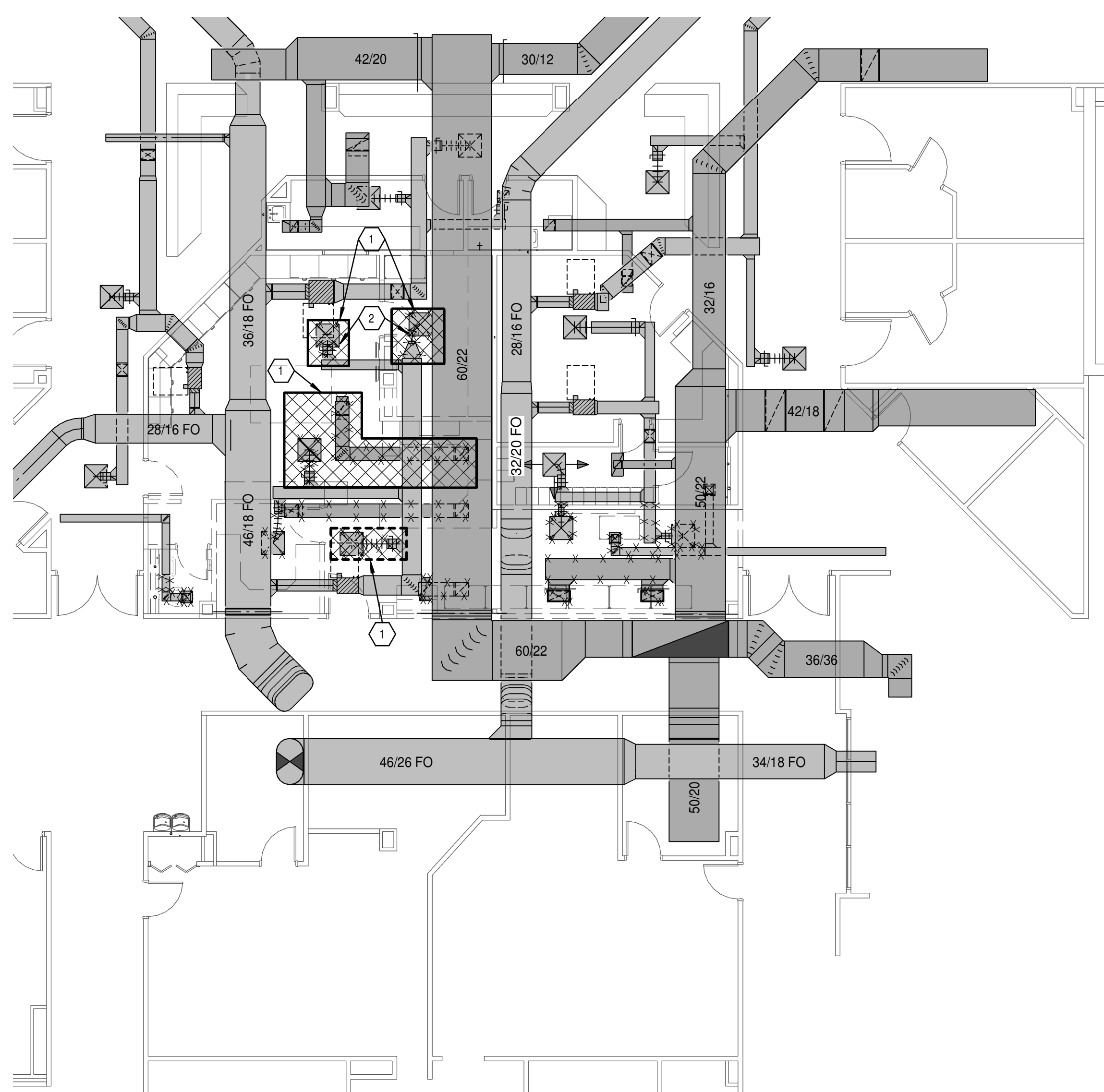
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KEYED NOTES	
1.	WORK IN HATCHED AREA TO BE COMPLETED DURING PHASE INDICATED BELOW
A.	PHASE 1a
B.	PHASE 1B
C.	PHASE 2
2.	REMOVE DIFFUSERS AND CAP DUCT DURING DEMOLITION AND CONSTRUCTION DURING PHASE 2. PROVIDE NEW DIFFUSERS AT FINISH STAGE OF PHASE 2.



MECHANICAL DEMOLITION
PHASING PLAN PHASE 1
3 SCALE: 1/8" = 1'-0"

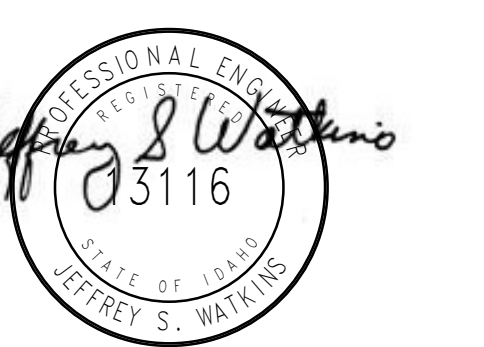
MECHANICAL PLAN PHASE 1
1 SCALE: 1/8" = 1'-0"



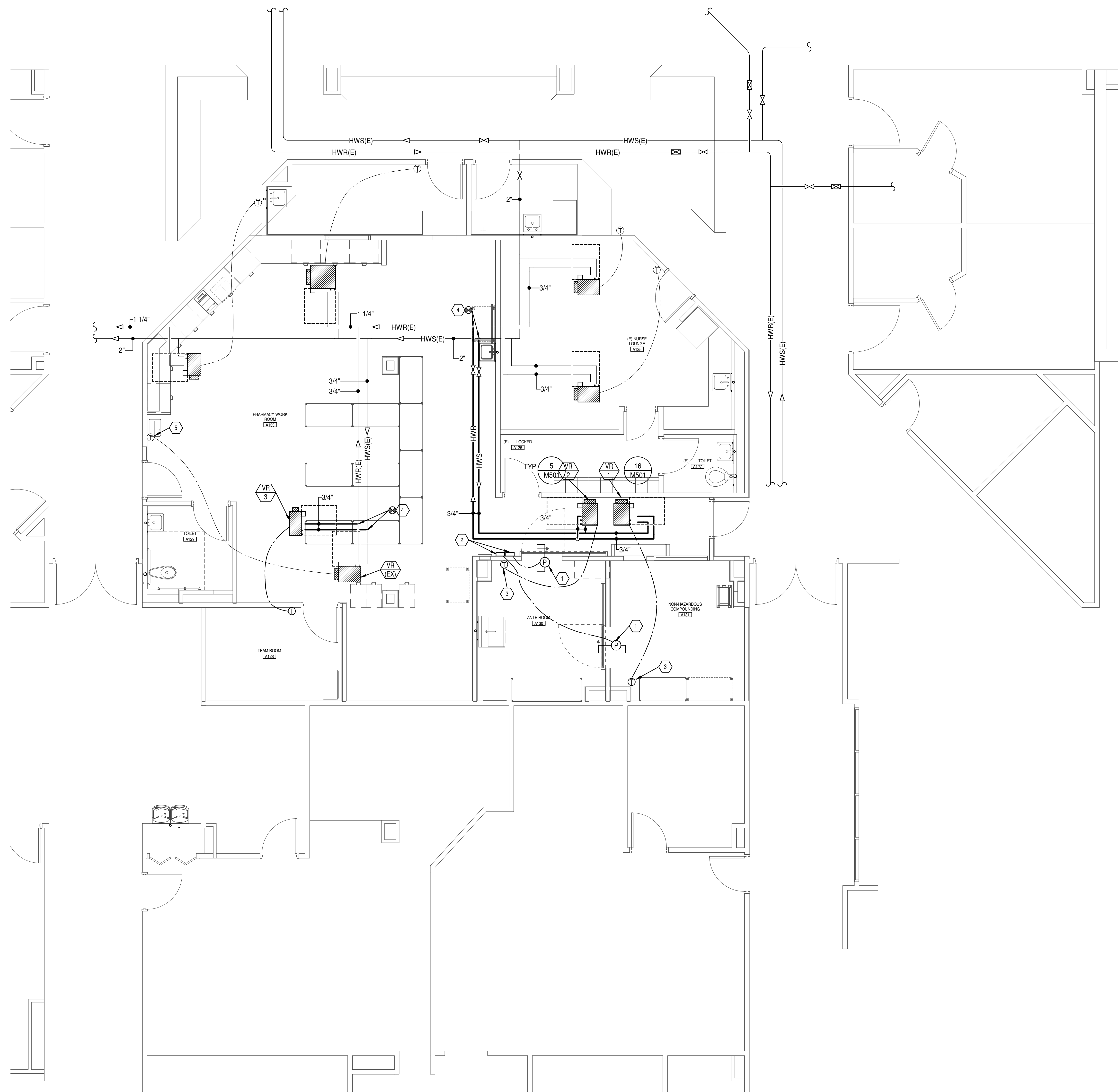
MECHANICAL DEMOLITION
PHASING PLAN PHASE 2
4 SCALE: 1/8" = 1'-0"

MECHANICAL PLAN PHASE 2
2 SCALE: 1/8" = 1'-0"





- KEYED NOTES**
1. THROUGH THE WALL DIGITAL PRESSURE MONITOR.
 2. PRESSURE MONITOR DISPLAY. PRIOR TO INSTALLING CONTRACTOR SHALL COORDINATE EXACT LOCATION WITH OWNER.
 3. TEMPERATURE AND HUMIDITY SENSOR. SEE SEQUENCE OF OPERATION FOR TRENDDING REQUIREMENTS.
 4. HOT TAP OR FREEZE PIPING FOR NEW CONNECTION.
 5. EXISTING THERMOSTAT TO REMAIN. PROTECT DURING CONSTRUCTION.



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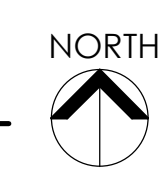
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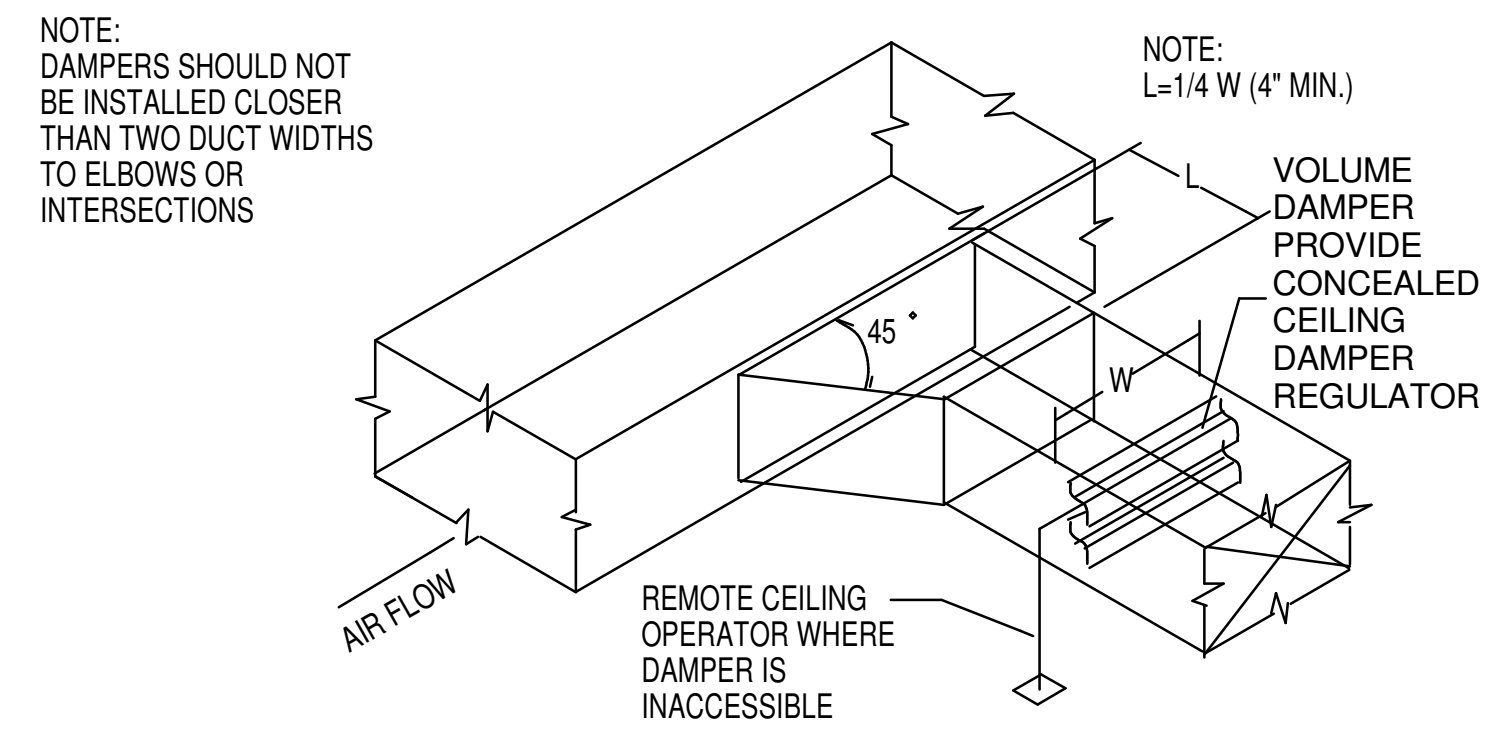
MECHANICAL
PIPING PLAN

M212

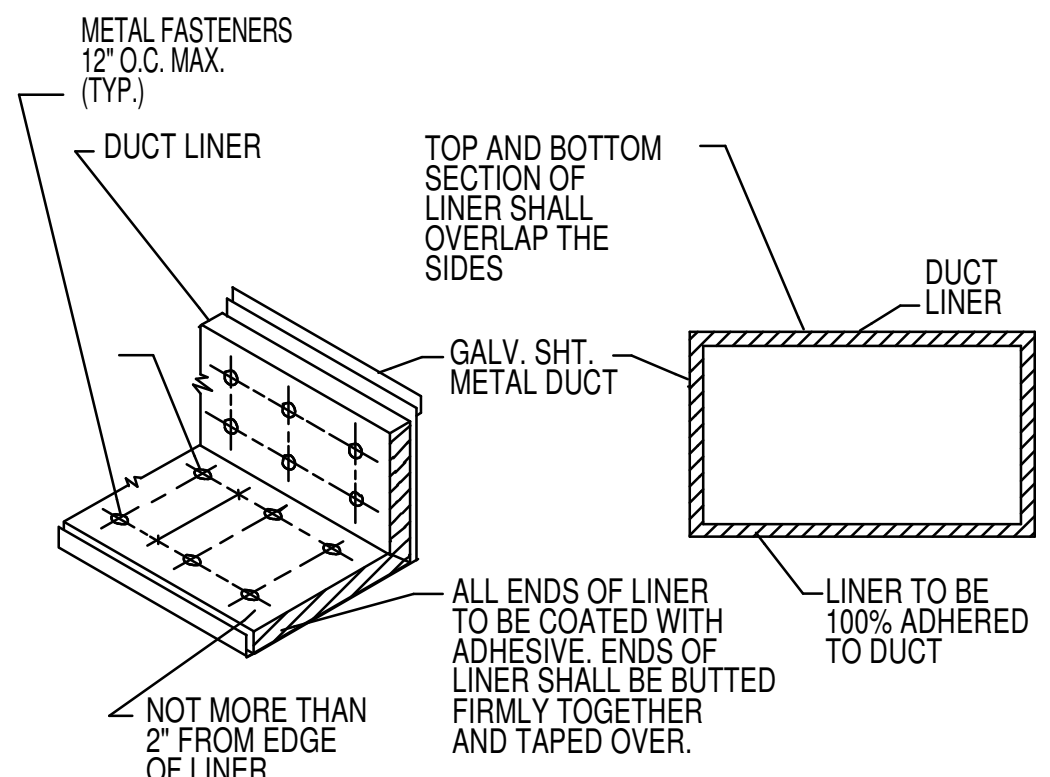
1 MECHANICAL PIPING PLAN
SCALE: 1/4" = 1'-0"



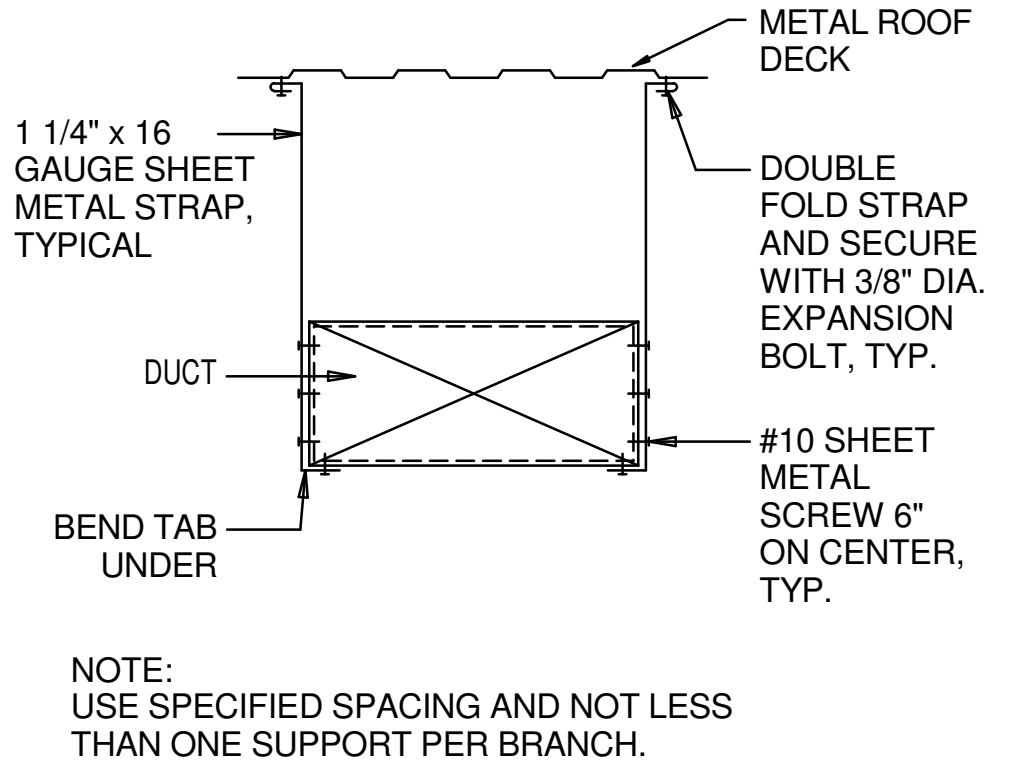
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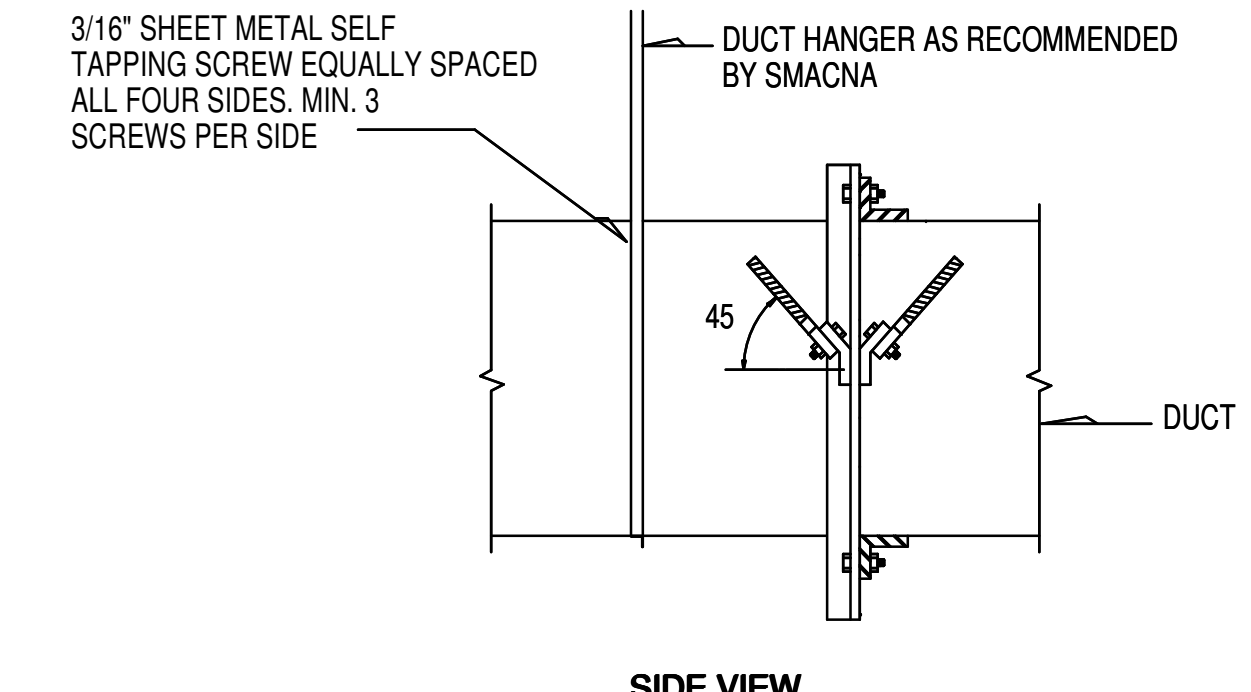
1 BRANCH DUCT TAKE-OFF & DAMPER
M501 NO SCALE



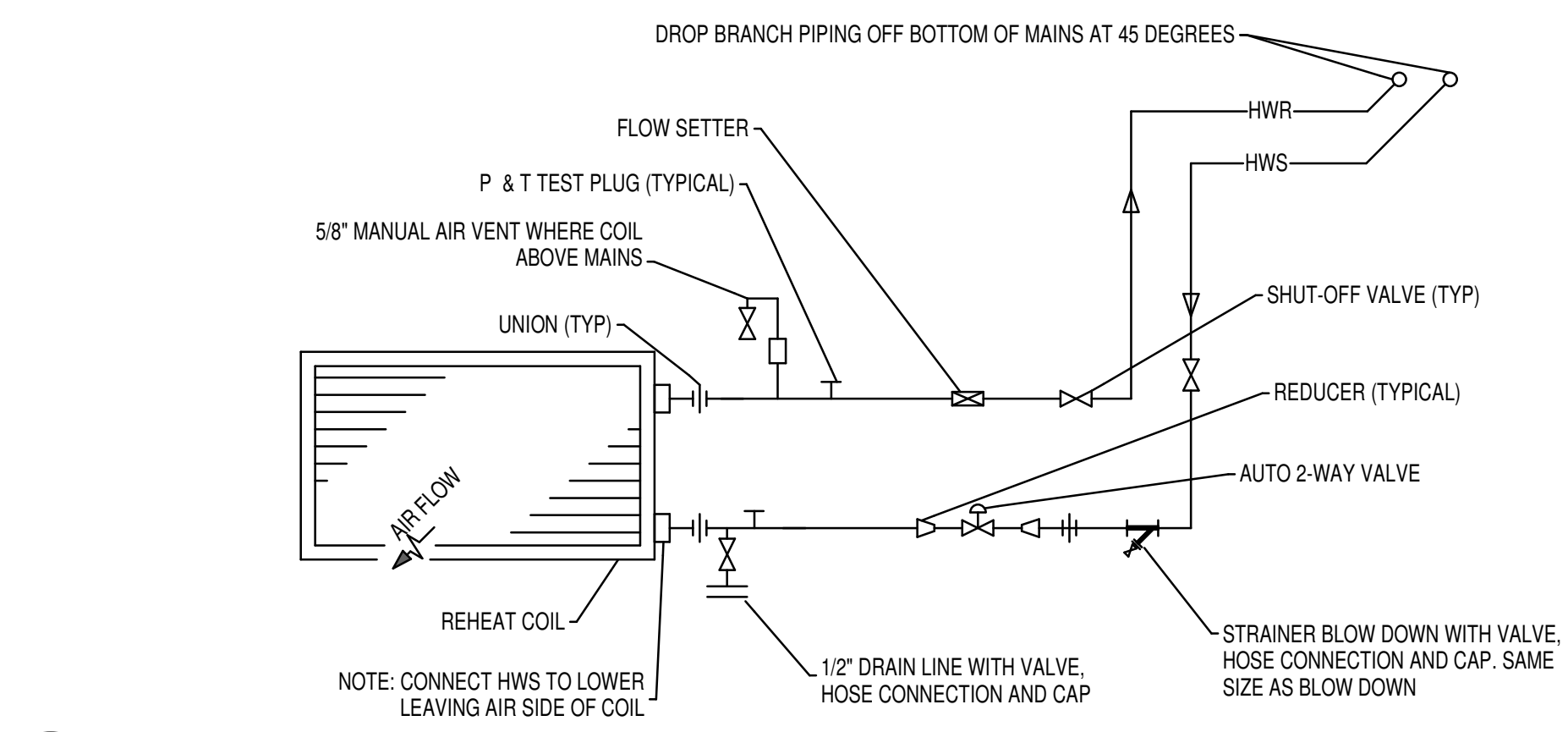
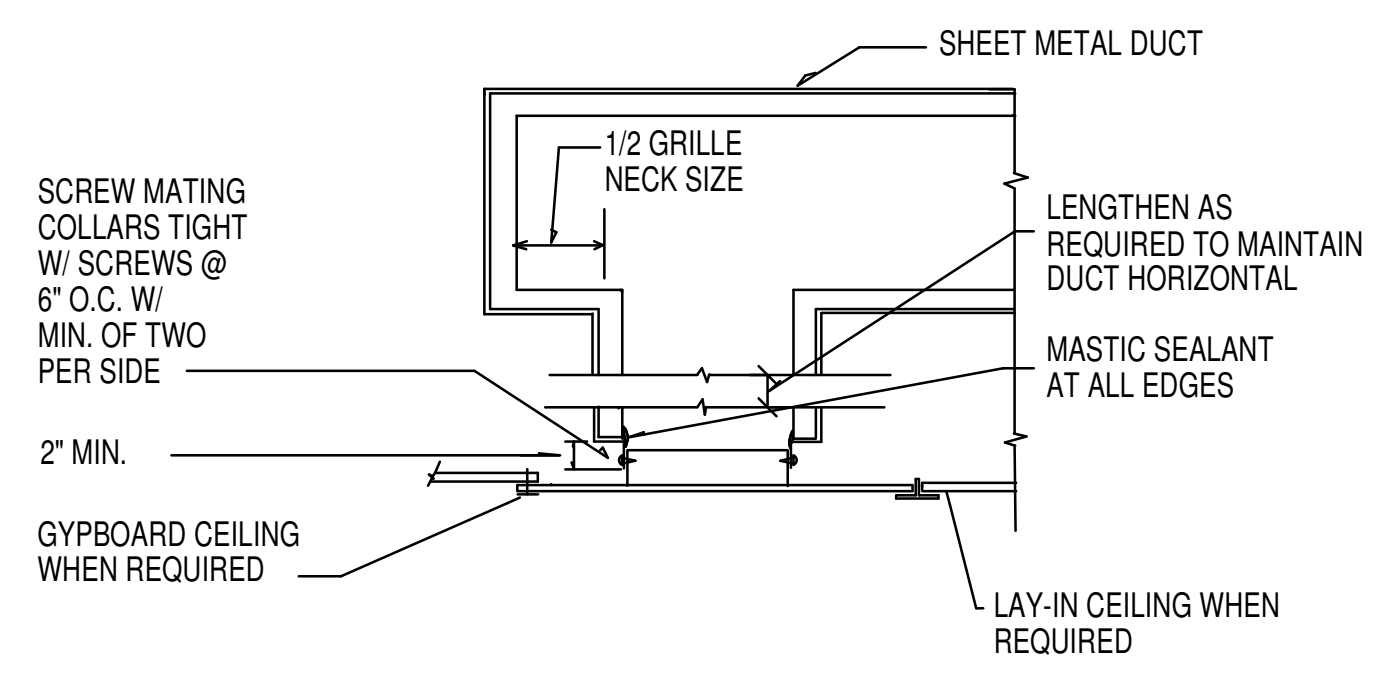
2 DUCT LINER DETAIL
M501 NO SCALE



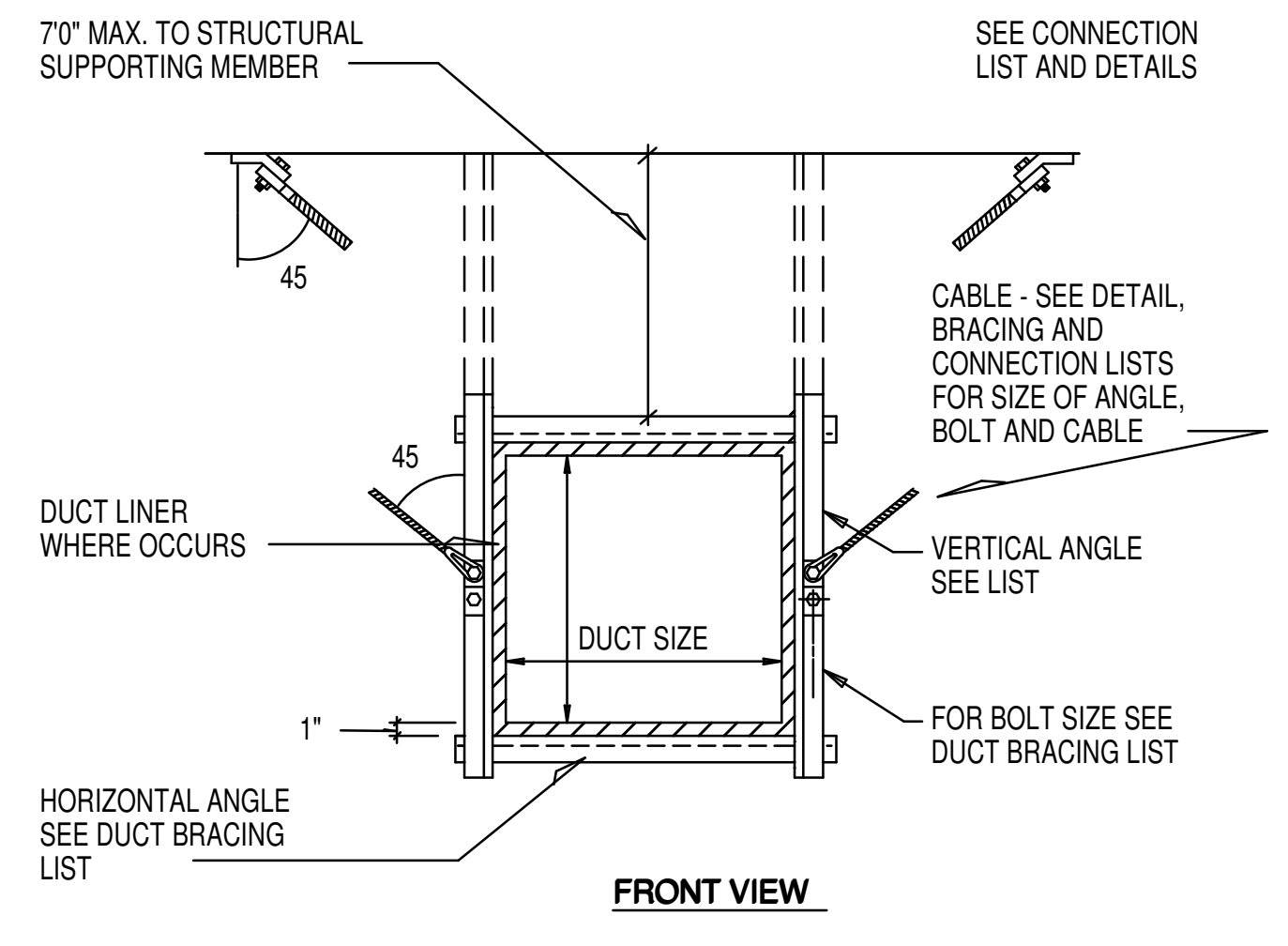
3 RECTANGULAR DUCT SUPPORT
M501 NO SCALE



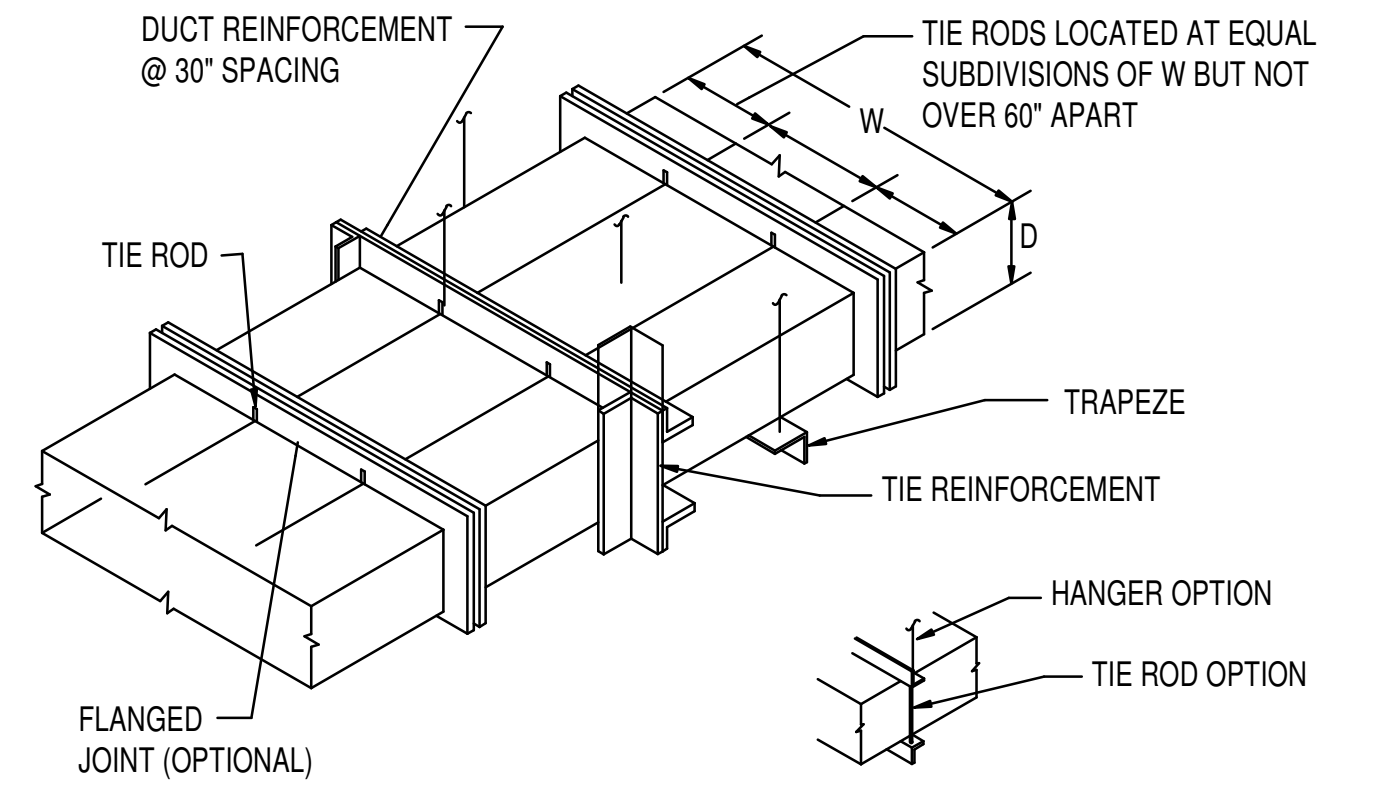
4 TYPICAL EXHAUST GRILLE DETAIL
M501 NO SCALE



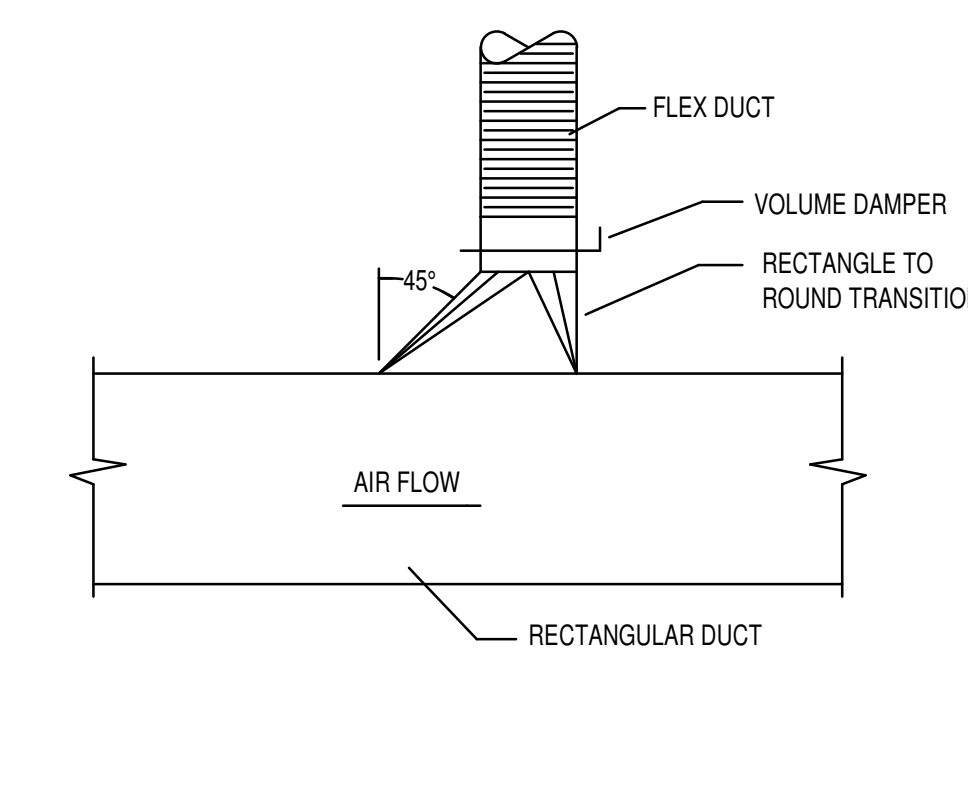
6 CABLE BRACING FOR RECTANGULAR DUCTS
M501 NO SCALE



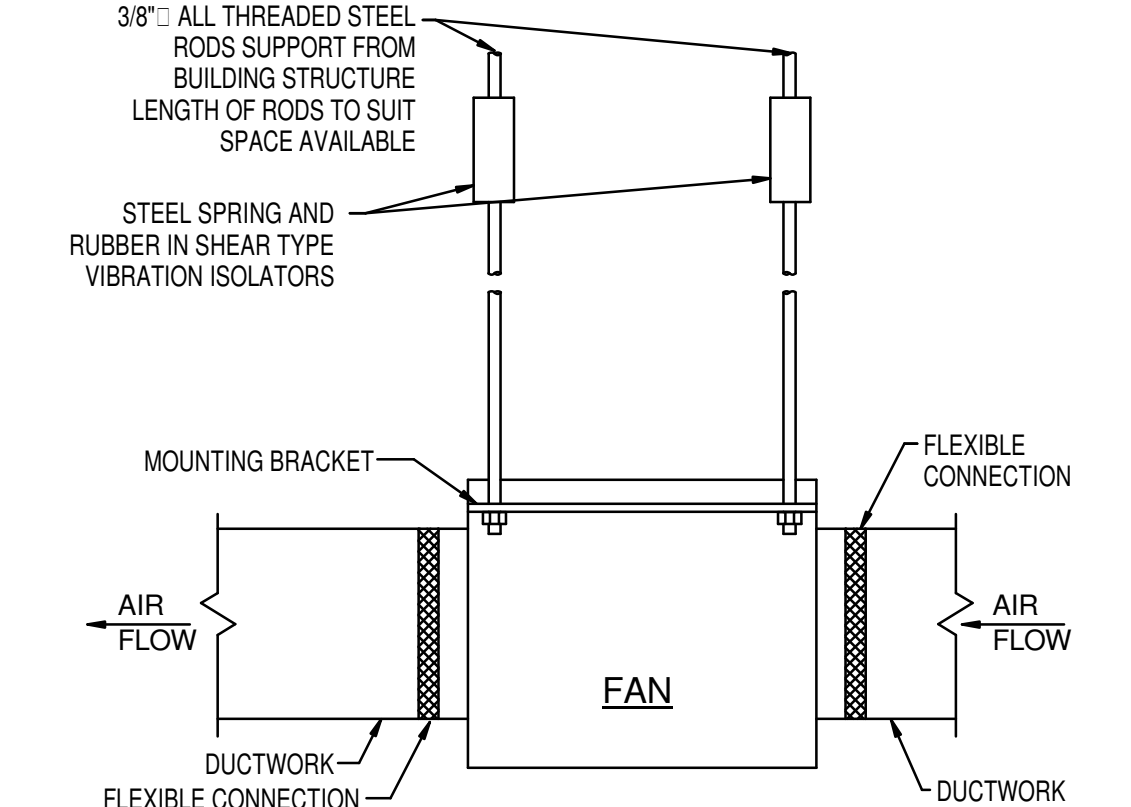
7 DUCT REINFORCEMENT DETAIL
M501 NO SCALE



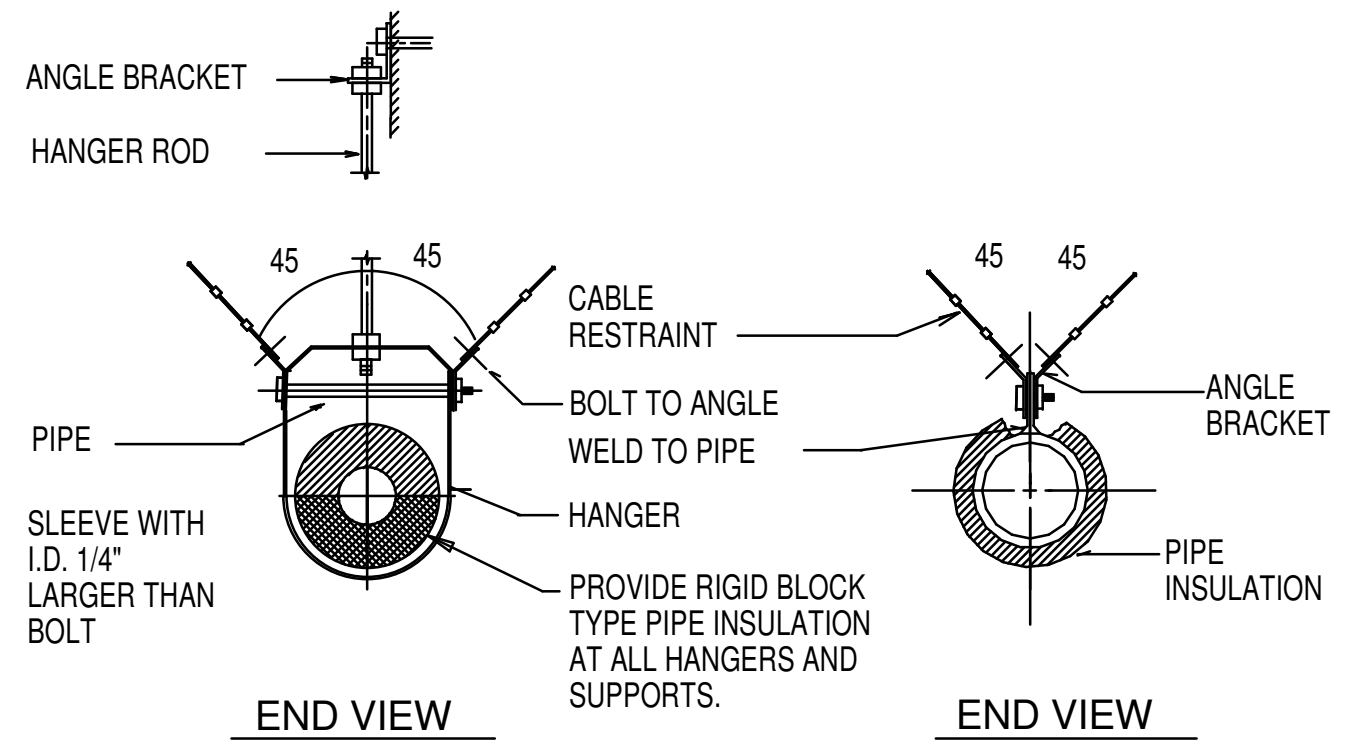
8 DIFFUSER CONNECTION DETAIL
M501 NO SCALE



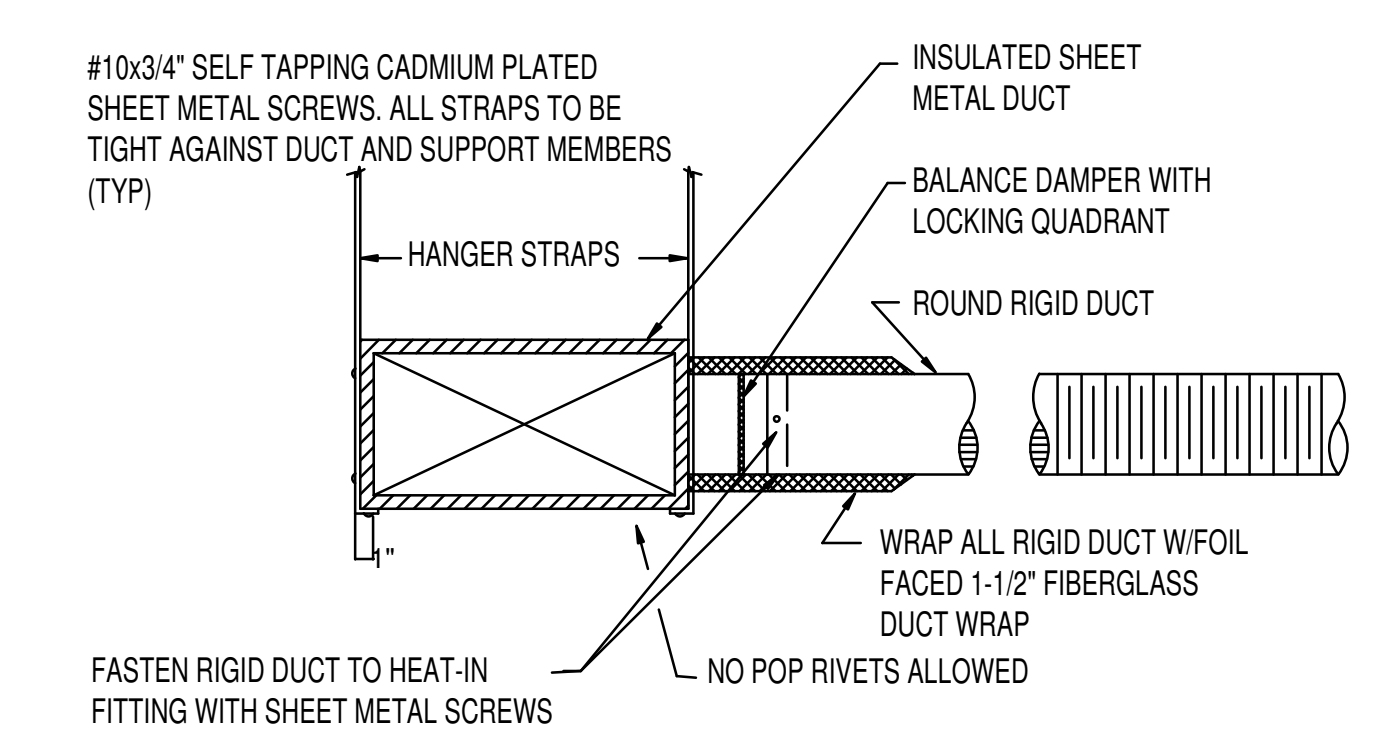
9 HIGH EFFICIENCY TAKE-OFF DETAIL
M501 NO SCALE



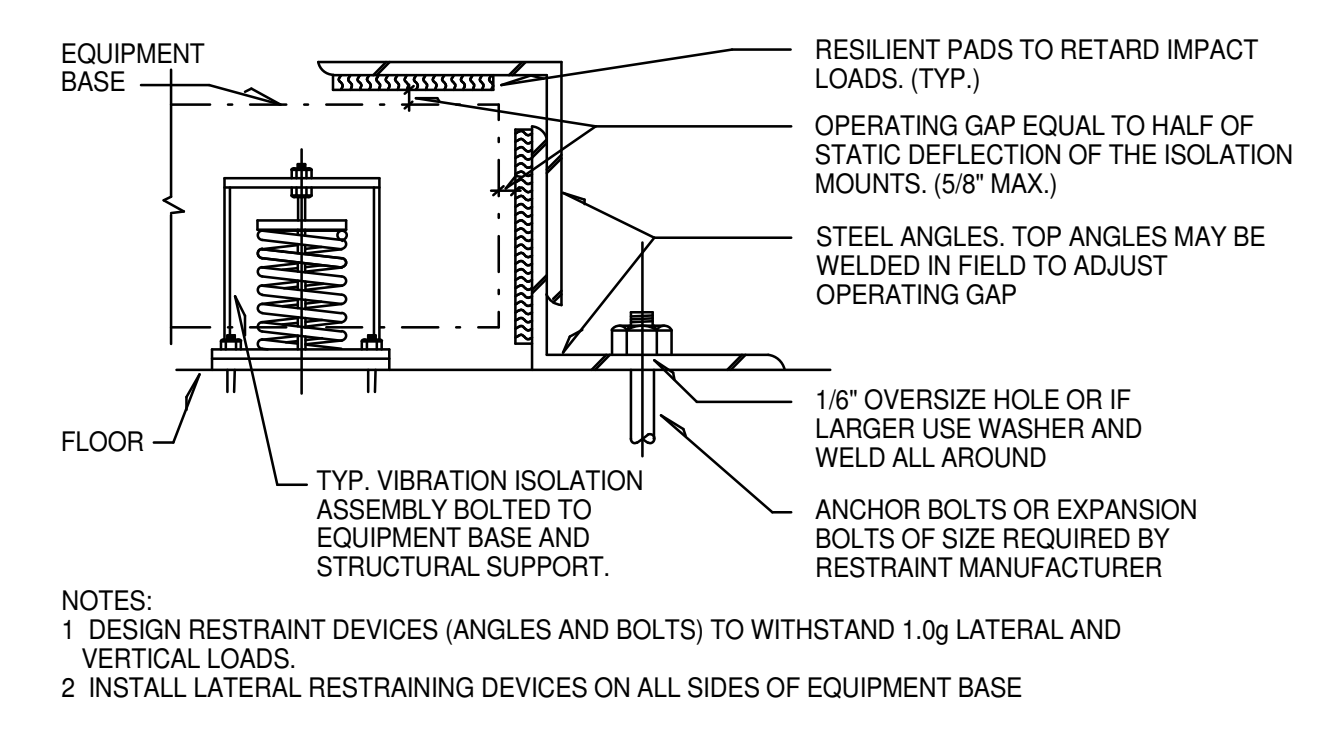
10 CENTRIFUGAL INLINE EXHAUST FAN
M501 NO SCALE



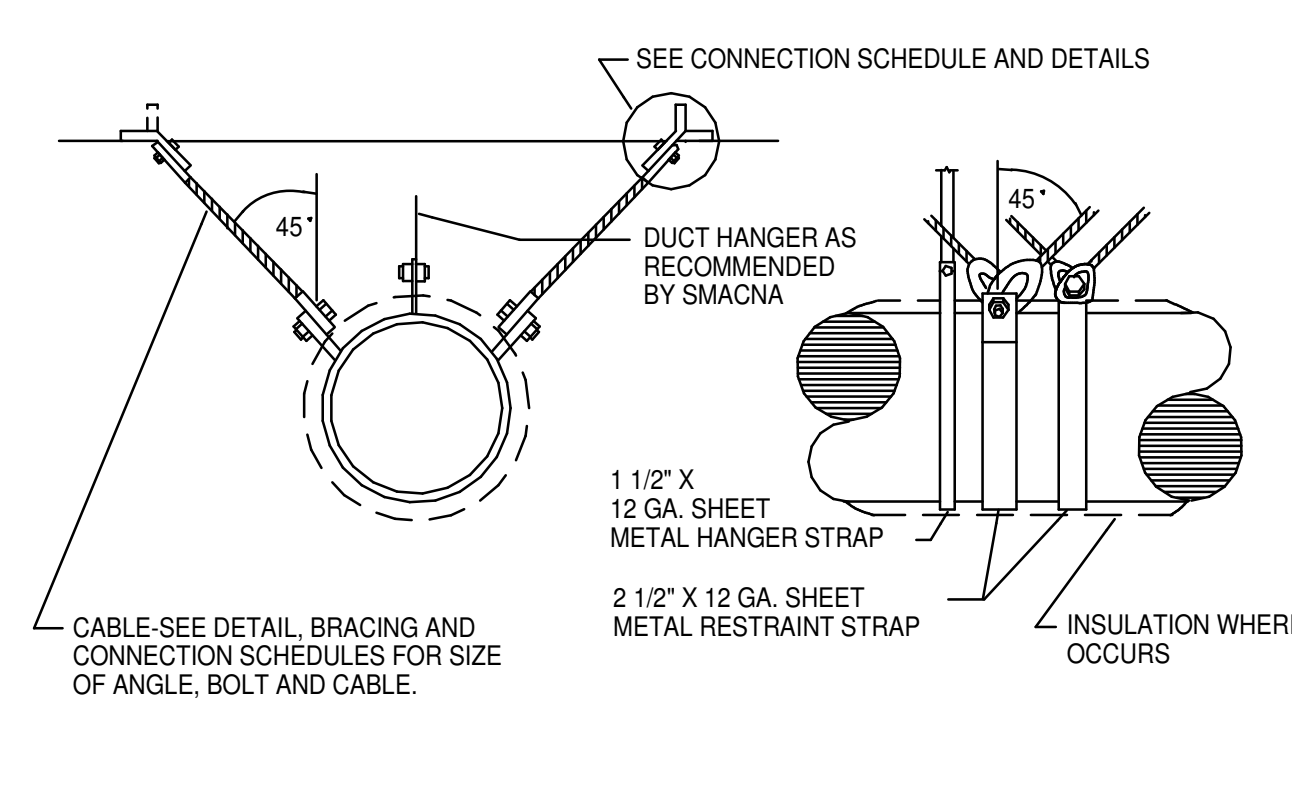
11 VARIABLE VOLUME BOX DETAIL
M5.01 NO SCALE



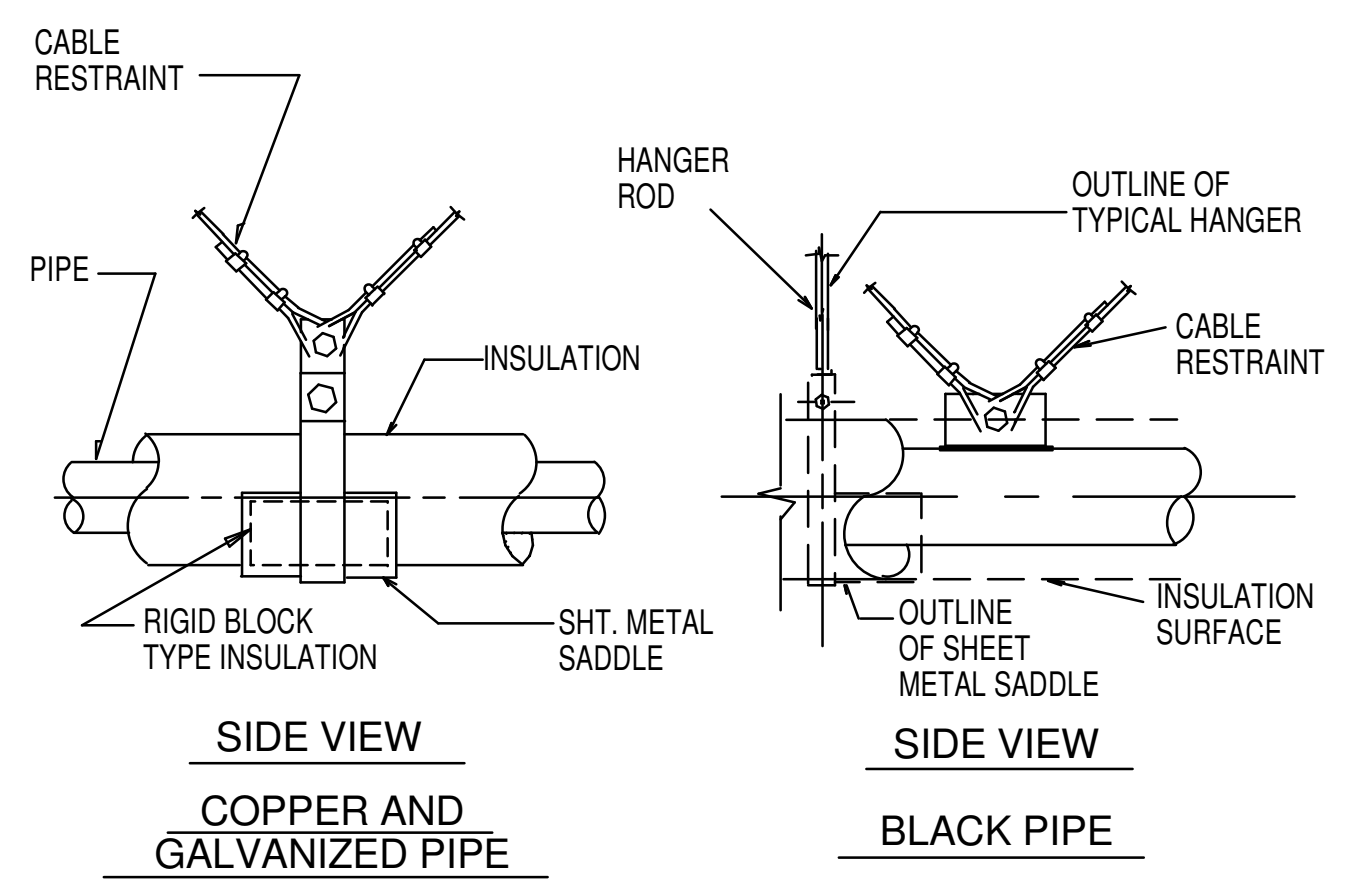
12 FLEX DUCT / HIGH EFFICIENCY TAKEOFF FITTING
M5.01 NO SCALE



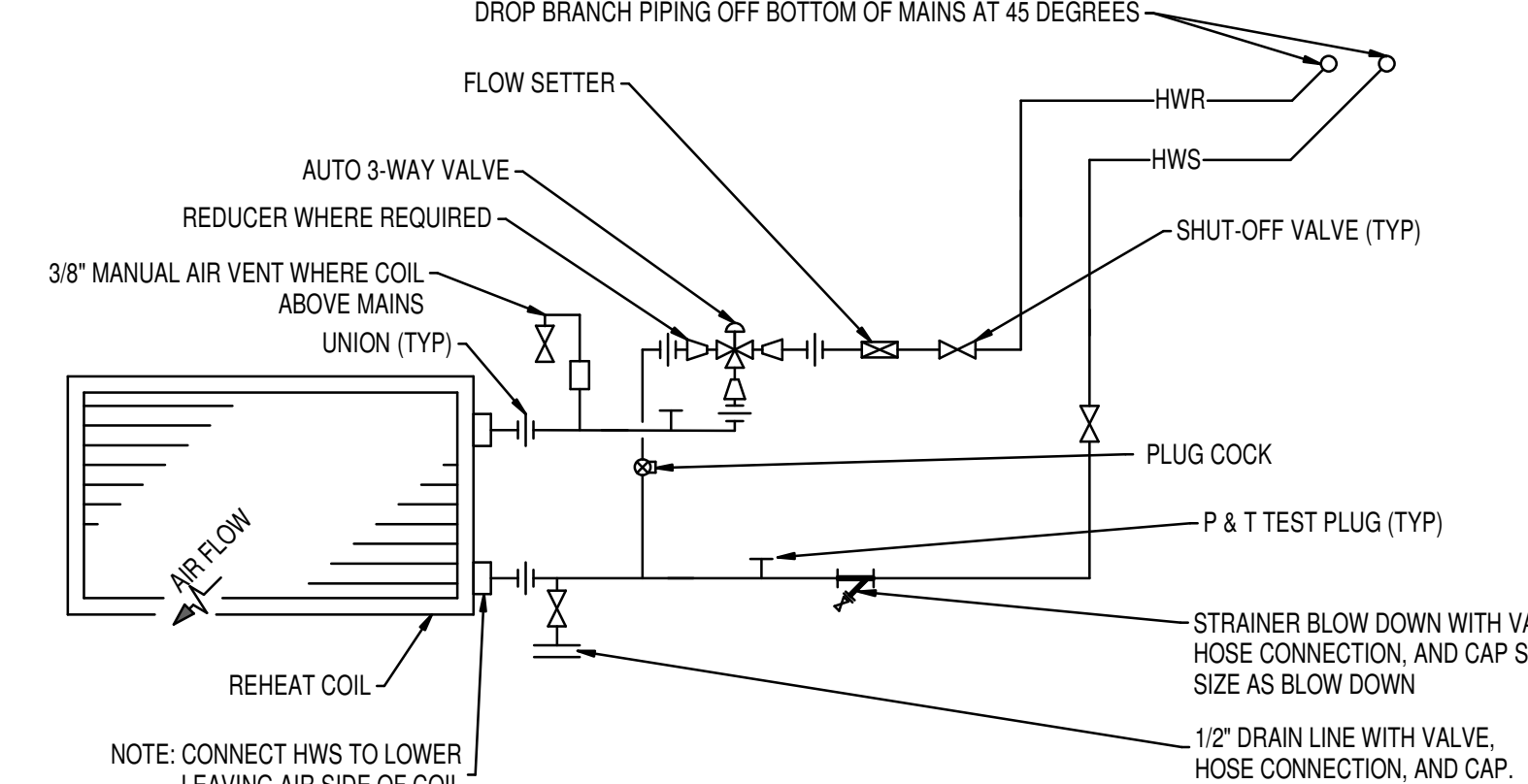
13 PIPING RESTRAINT DETAIL
M501 NO SCALE



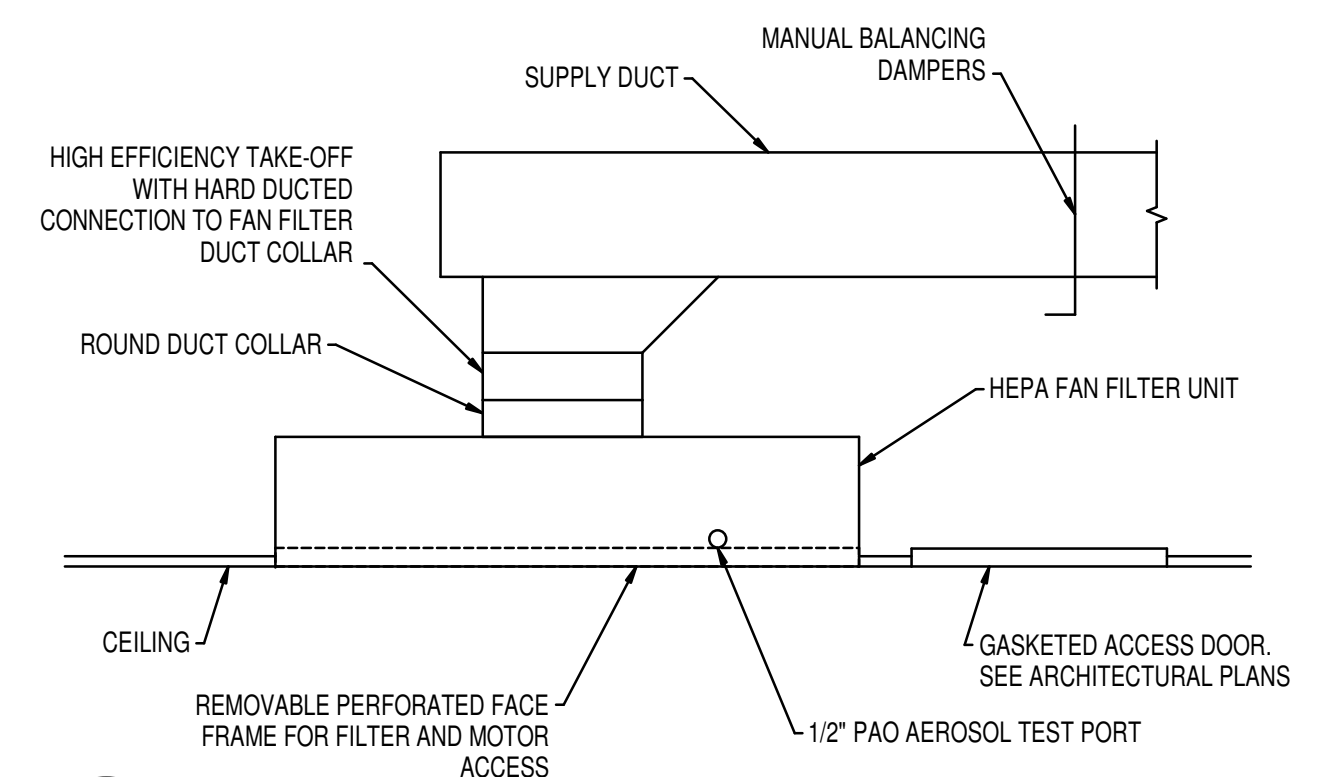
14 SPRING ISOLATOR RESTRAINT DETAIL
M501 NO SCALE



15 CABLE BRACING FOR ROUND AND OVAL DUCTS
M501 NO SCALE



16 VAV/CV BOX PIPING DETAIL WITH 3-WAY AUTO-VALVE
M501 NO SCALE



17 FAN FILTER UNIT DETAIL
M501 NO SCALE

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FAN SCHEDULE														
ID	MANUFACTURER AND MODEL NUMBER	AREA SERVED	TYPE	AIR					ELECTRICAL				NOTES	
				MAXIMUM AIRFLOW RATE (CFM)	STATIC PRESSURE (IN. WATER)	OUTLET VELOCITY (FPM)	FAN SPEED (RPM)	FAN WHEEL DIAMETER (IN)	STATIC EFFICIENCY (%)	MOTOR SIZE (HP)	MOTOR BHP (HP)	MOTOR SPEED (RPM)		VOLT/PH/Hz
F-1	GREENHECK SQ-160-VG	WORK RM.	INLINE	2,735	0.5	762	1205	16.75	46	1	0.56	1300	208/1/60	1,2,3

- ALL CAPACITIES AT 4,200 FEET ELEVATION.
- INLINE DIRECT DRIVE COMPLETE WITH BRUSHLESS MOTOR (MINIMUM 85% EFFICIENT), INTEGRAL THERMAL OVERLOAD PROTECTION, ELECTRICAL DISCONNECT AND 0-10 VDC SPEED CONTROLLER.
- CONTROL: EXACT AIRFLOW TO BE FIELD DETERMINED TO MAINTAIN +0.02" WG PRESSURE IN COMPOUNDING ROOMS.

FAN FILTER UNIT SCHEDULE														
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	AIR				ELECTRICAL			PHYSICAL			NOTES
				MAXIMUM AIRFLOW RATE (CFM)	FILTER	MOTOR SIZE (HP)	MOTOR BHP (HP)	VOLT/PH/Hz	EMERGENCY POWER	LENGTH/ WIDTH/ HEIGHT (IN)	INLET COLLAR (IN)	WEIGHT (LBS)		
FFU-1	AJ MFG SSLFHFDF-FFU-MEA	COMPOUNDING	(2)	380	HEPA	1/2	0.4	120/1/60	YES	24/48/16	10" DIA	65	(1)(2)(3)(4)(5)(6)	
FFU-2	AJ MFG SSLFHFDF-FFU-MEA	COMPOUNDING	(2)	380	HEPA	1/2	0.4	120/1/60	YES	24/48/16	10" DIA	65	(1)(2)(3)(4)(5)(6)	
FFU-3	AJ MFG SSLFHFDF-FFU-MEA	COMPOUNDING	(2)	380	HEPA	1/2	0.4	120/1/60	YES	24/48/16	10" DIA	65	(1)(2)(3)(4)(5)(6)	
FFU-4	AJ MFG SSLFHFDF-FFU-MEA	ANTE RM	(2)	380	HEPA	1/2	0.4	120/1/60	YES	24/48/16	10" DIA	65	(1)(2)(3)(4)(5)(6)	
FFU-5	AJ MFG SSLFHFDF-FFU-MEA	ANTE RM	(2)	380	HEPA	1/2	0.4	120/1/60	YES	24/48/16	10" DIA	65	(1)(2)(3)(4)(5)(6)	
FFU-6	AJ MFG SSLFHFDF-FFU-MEA	ANTE RM	(2)	380	HEPA	1/2	0.4	120/1/60	YES	24/48/16	10" DIA	65	(1)(2)(3)(4)(5)(6)	

- ALL CAPACITIES AT 4,200 FEET ELEVATION.
- CEILING MOUNTED FAN FILTER UNIT WITH FAN/MOTOR ASSEMBLY AND HIGH EFFICIENCY HEPA FILTER DESIGNED TO PROVIDE UNIDIRECTIONAL VERTICAL AIRFLOW. UNIT CONSTRUCTION SHALL BE STAINLESS STEEL AND ALLOW FOR ROOM SIDE ACCESS TO ALLOW ALL MAINTENANCE ACTIVITIES TO BE PERFORMED FROM BELOW THE CEILING (FILTER CHANGE & MOTOR SERVICING).
- UNIT COMPLETE WITH 10" DUCTED INLET, ELECTRICALLY COMMUTATED MOTOR (ECM), LED FILTER INDICATOR, LED MOTOR INDICATOR, AND ELECTRICAL DISCONNECT.
- UNIT COMPLETE WITH BACNET CONTROLLER PROVIDING AT A MINIMUM THE FOLLOWING POINTS, CFM OUTPUT, MOTOR RPM, FILTER STATUS & RUNTIME. REMOTE 0-10 VDC FAN SPEED CONTROL.
- PAO AEROSOL TEST SYSTEM WITH MINIMUM 1/2" PRESSURE PORTS.
- CONTRACTOR TO FURNISH SPARE FILTERS FOR (2) FFU FOR THE OWNER'S ATTIC STOCK.

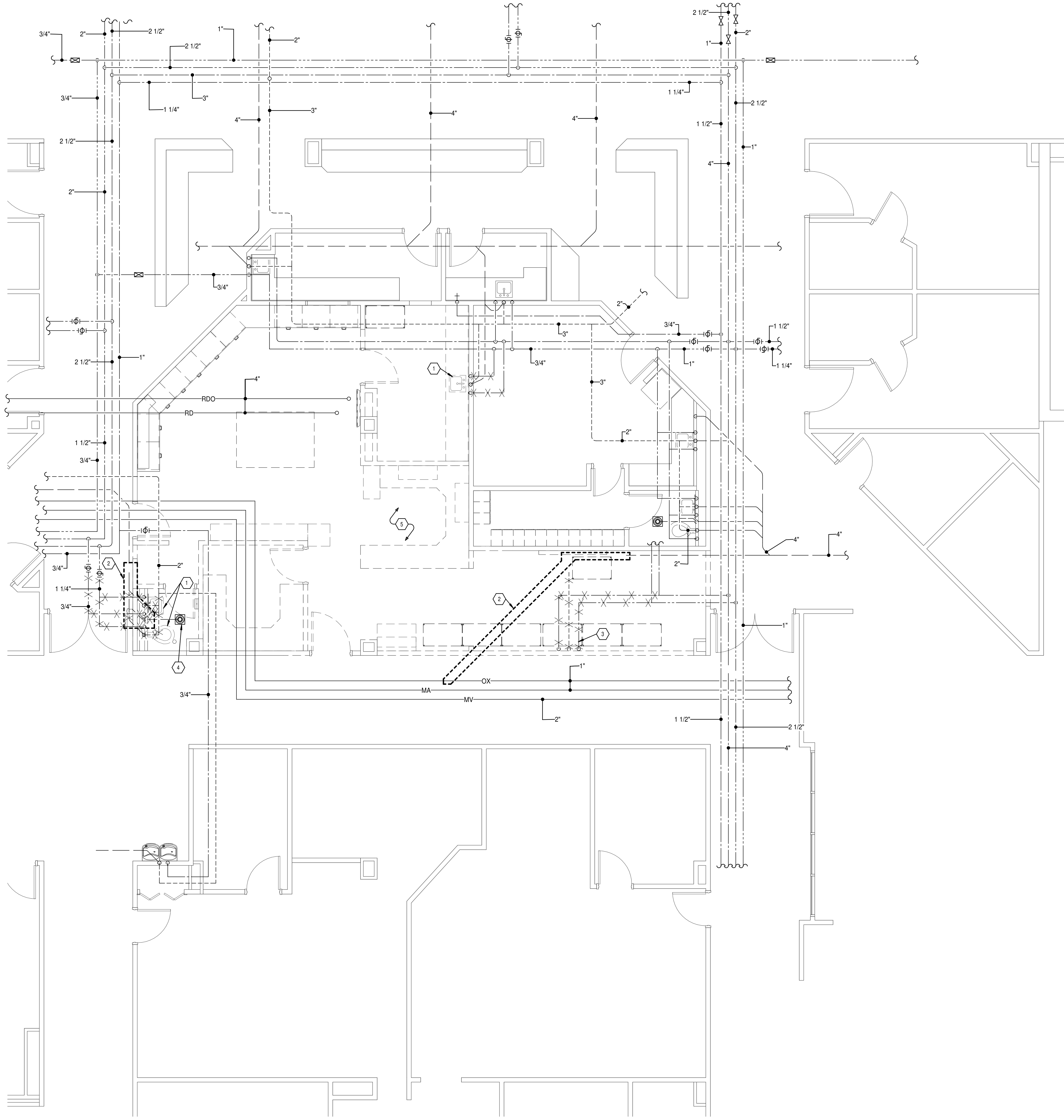
GRILLES, REGISTERS AND DIFFUSERS						
ID	MANUFACTURER	MODEL	SIZE	MAX CFM	MAX NC	DESCRIPTION
CD-1	EH PRICE	SMD	6" DIA 8" DIA 10" DIA 12" DIA 14" DIA	110 235 420 600 800	30	LOUVERED FACE CEILING DIFFUSER. FRAME SHALL BE FOR SURFACE OR LAY-IN MOUNTING AS REQUIRED BY CEILING TYPE. LAY-IN FRAMES SHALL BE 24" x 24", 16" x 16" OR 12" x 12" AS REQUIRED TO FIT CEILING TILE SPACE AVAILABLE. PROVIDE ROUND NECK ADAPTER. COLOR SHALL BE WHITE.
RG-1 / EG-1	EH PRICE	PDDR	6" DIA 8" DIA 10" DIA 12" DIA 14" DIA 15"x15"	100 210 380 600 750 1200	30	PERFORATED FACE RETURN AIR GRILLE. FRAME SHALL BE FOR SURFACE OR LAY-IN MOUNTING AS REQUIRED BY CEILING TYPE. LAY-IN FRAMES SHALL BE 24" x 24", 24" x 12" OR 12" x 12" AS REQUIRED TO FIT CEILING TILE SPACE AVAILABLE. AIR QUANTITY SHALL MATCH ROOM SUPPLY OR EXHAUST AIR QUANTITY. PROVIDE ROUND NECK ADAPTER. COLOR SHALL BE WHITE.
SWR-1 / SWE-1	EH PRICE	630	SEE PLANS	SEE PLANS	30	SINGLE DEFLECTION ALUMINUM SIDE WALL EXHAUST REGISTER. HORIZONTAL DEFLECTION VANES SPACED AT 3/4" O.C. COMPLETE WITH O.B.D. ADJUSTABLE THROUGH FACE. COLOR SHALL BE WHITE

VAV BOX SCHEDULE													
ID	MANUFACTURER AND MODEL NUMBER	AREA SERVED	INLET SIZE (IN)	AIR				FLUID (2)				REMARKS	
				COOLING MAXIMUM AIR (CFM)	HEATING MAXIMUM AIR (CFM)	MINIMUM AIR (CFM)	LEAVING AIR TEMP. (DEG. F)	NC LEVEL @ 2' S.P.	HEAT LOAD (MBH)	TOTAL FLUID FLOW (GPM)	WORKING FLUID		
VR-1	PRICE SDV	COMPOUNDING ROOM	12	1140	1140	1140	80.0	27	27	26.2	1.3	WATER	(1)(2)(3)(4)
VR-2	PRICE SDV	ANTE ROOM	12	1140	1140	1140	80.0	27	27	26.2	1.3	WATER	(1)(2)(3)(4)
VR-3	PRICE SDV	TEAM ROOM	6	200	80	80	80.0	18	17	1.8	0.5	WATER	(1)(2)(3)(4)
VR-(EX)	(5)	PHARMACY WORK ROOM	12	1375	930	930	80.0	-	-	21.4	1.1	WATER	(1)(2)

- ENTERING AIR AT 52 DEG. F. @ 4,200 FEET ELEVATION.
- GPM BASED ON 180 DEG. F. ENTERING WATER TEMPERATURE; 140 DEG. F. LEAVING WATER TEMPERATURE.
- COIL MAXIMUM WATER P.D. AT 5.0 FT HD; MAXIMUM BOX AIR P.D. IS 0.40 IN. W.G.
- PRESSURE INDEPENDENT TYPE BOX.
- EXISTING VAV BOX TO REMAIN. NEW PERFORMANCE LISTED.

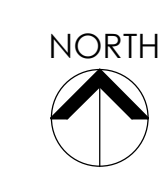


- KEYED NOTES**
1. DEMOLISH AND REMOVE EXISTING PLUMBING FIXTURE AND PIPING AS SHOWN. PREPARE PIPING FOR NEW CONNECTION.
 2. DASHED LINE INDICATES AREA REQUIRING SAWCUTTING FOR NEW WASTE PIPING INSTALLATION. PRIOR TO CUTTING CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF EXISTING WASTE PIPE AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES. PATCH AND REPAIR FLOOR TO MATCH EXISTING. SEE NEW PLUMBING PLAN FOR MORE INFORMATION.
 3. DEMOLISH EXISTING ABANDONED DCW, DHW, AND VENT BACK TO ACTIVE MAIN AND CAP.
 4. EXISTING FLOOR DRAIN TO REMAIN. PROTECT DURING CONSTRUCTION.
 5. ADD/RELOCATE & REPLACE WET PIPE FIRE SPRINKLER SYSTEM COMPONENTS THROUGHOUT REMODELED AREAS FOR MODIFIED FLOOR PLAN AND NEW EQUIPMENT. NEW SPRINKLER SYSTEM COMPONENTS SHALL BE AS NOTED AND SPECIFIED. FIRE SPRINKLER SYSTEM LAYOUT SHALL BE DESIGNED TO HAZARD DENSITIES IN ACCORDANCE WITH NFPA 13, CHAPTER 5. SHIELDED SPACES OR STORAGE CONSTITUTE AN ORDINARY HAZARD OCCUPANCY.



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



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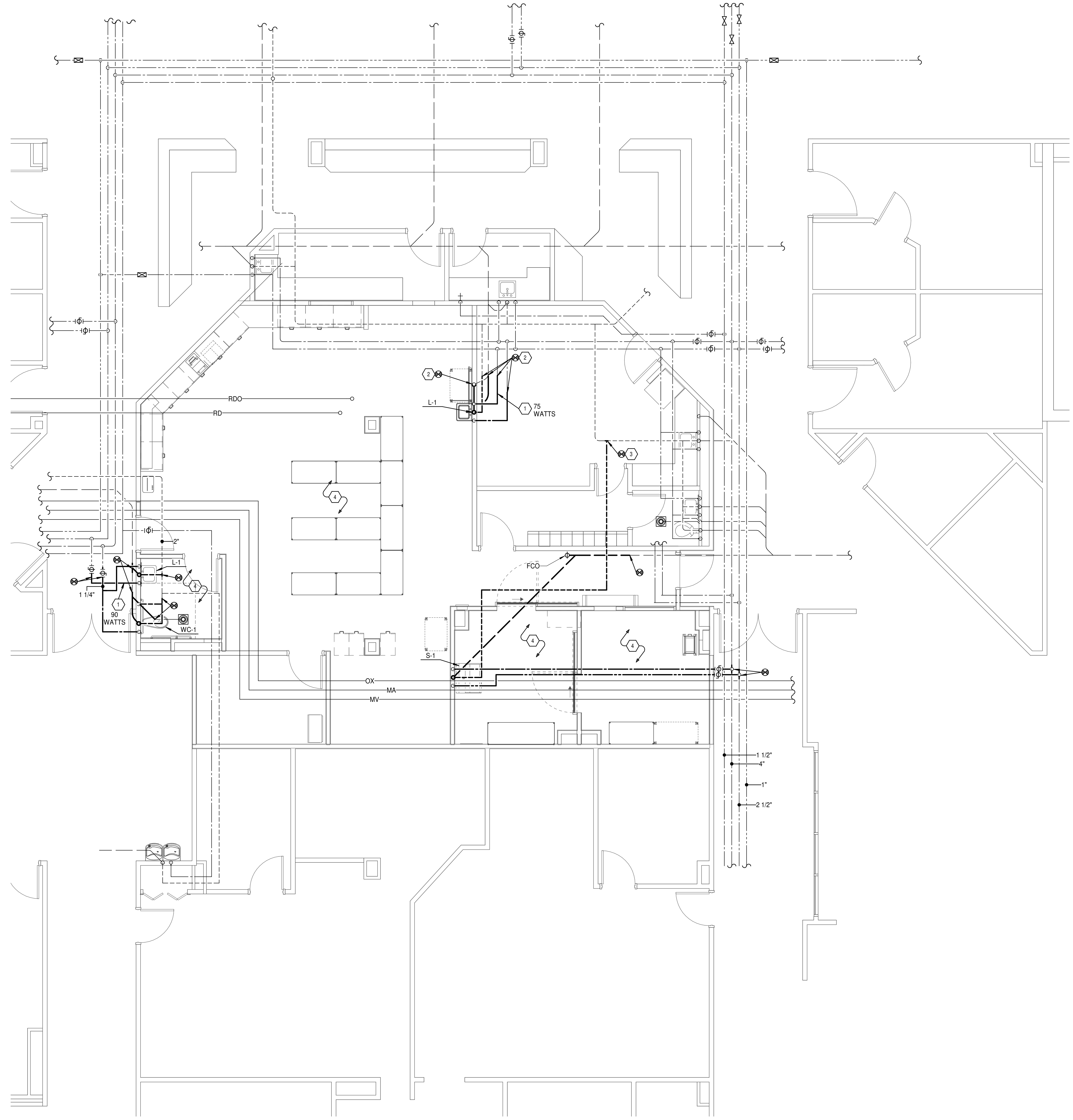
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Construction Documents March 22, 2021

PLUMBING
DEMOLITION
PLAN

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- KEYED NOTES**
- HEAT TRACE AND INSULATE HOT WATER PIPING BRANCH FROM CIRCULATING HOT WATER MAIN TO FIXTURE STOPS. INSTALL HEAT TRACE CONTROLS AND SENSORS PROVIDED BY THE CONTROLS CONTRACTOR IN AN ACCESSIBLE LOCATION. COORDINATE CONTROL AND SENSOR LOCATIONS WITH CONTROLS CONTRACTOR. 5 WATTS PER LINEAL FOOT. APPROXIMATELY TOTAL WATTS NOTED.
 - EXTEND DOMESTIC HOT AND COLD WATER AND VENT PIPING FROM PREVIOUS SINK LOCATION TO NEW SINK LOCATION. WASTE PIPING FROM NEW SINK SHALL EXTEND IN THE WALL TO THE EXISTING WASTE LOCATION THROUGH THE FLOOR.
 - TIE INTO EXISTING VENT LINE IN CEILING. CONTRACTOR TO VERIFY EXACT LOCATION.
 - ADD/RELOCATE & REPLACE WET PIPE FIRE SPRINKLER SYSTEM COMPONENTS THROUGHOUT REMODELED AREAS FOR MODIFIED FLOOR PLAN AND NEW EQUIPMENT. NEW SPRINKLER SYSTEM COMPONENTS SHALL BE AS NOTED AND SPECIFIED. FIRE SPRINKLER SYSTEM LAYOUT SHALL BE DESIGNED TO HAZARD DENSITIES IN ACCORDANCE WITH NFPA 13, CHAPTER 5. SHIELDED SPACES OR STORAGE CONSTITUTE AN ORDINARY HAZARD OCCUPANCY.



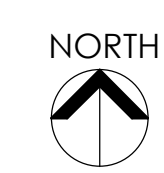
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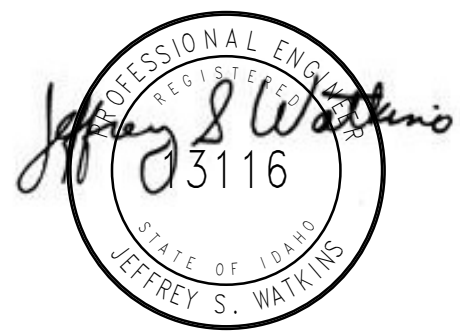
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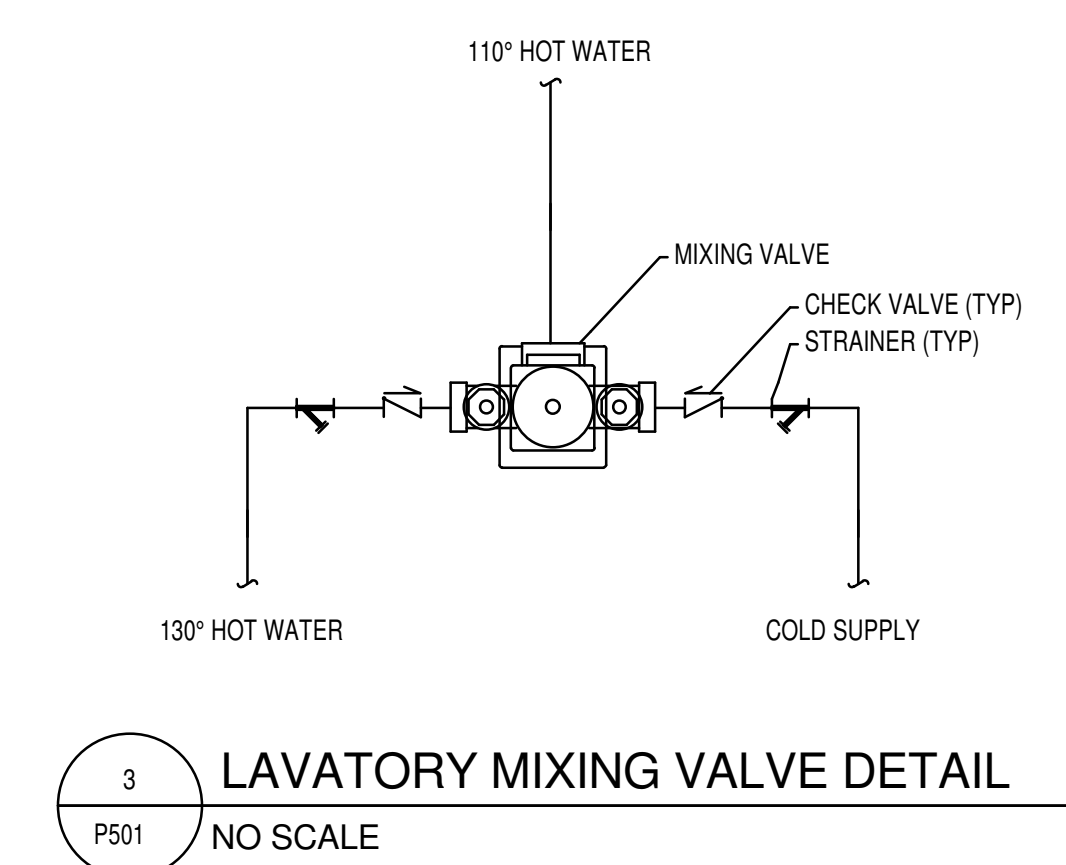
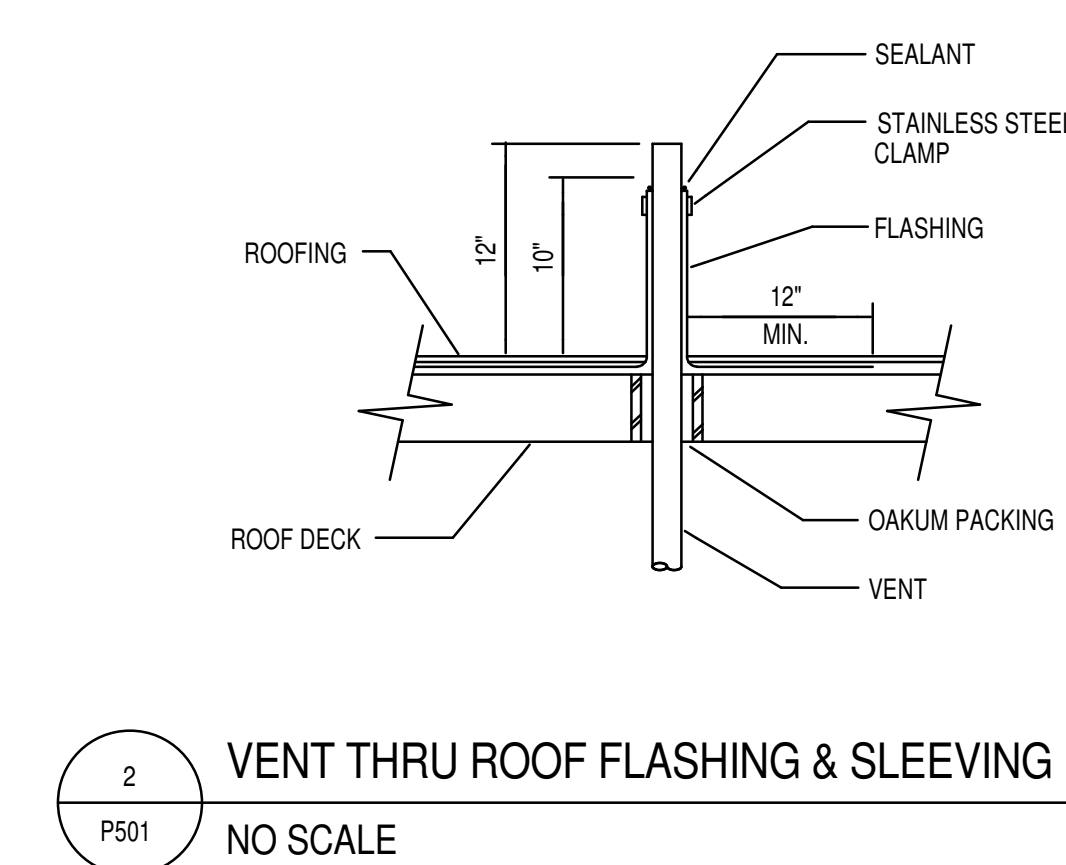
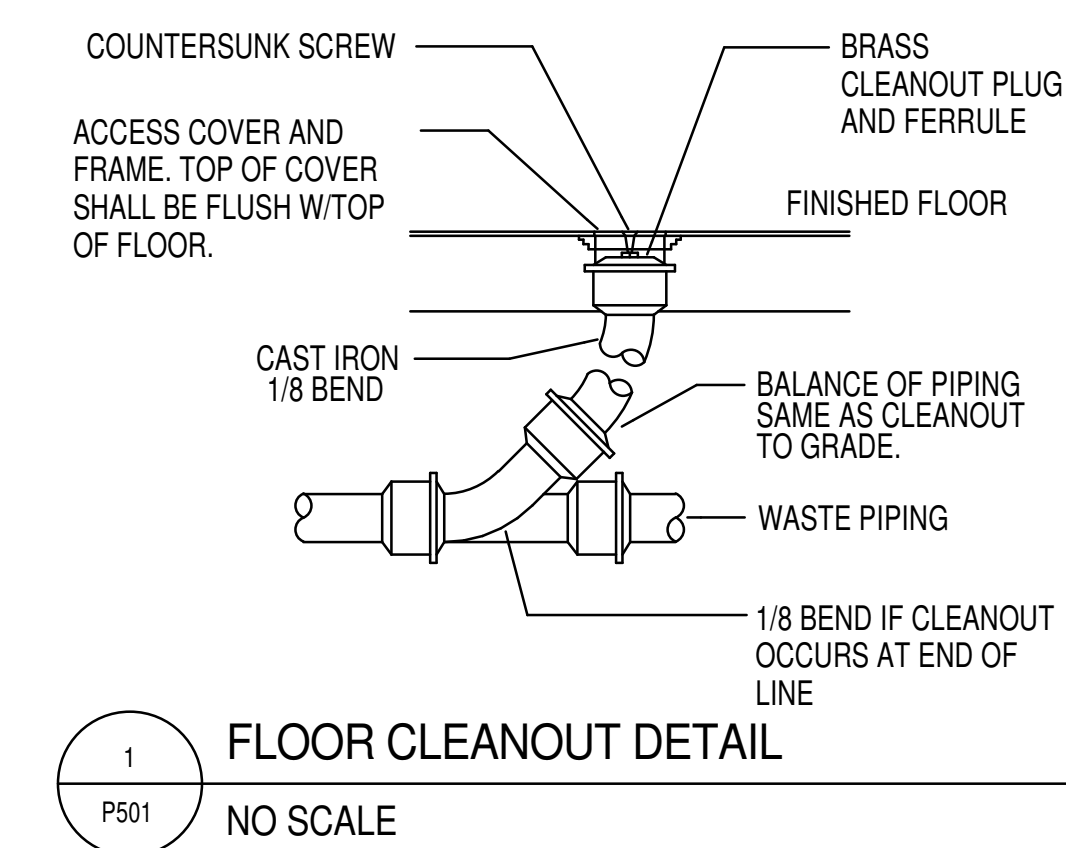


1 PLUMBING PLAN
SCALE: 1/4"=1'-0"

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PLUMBING FIXTURE SCHEDULE						
ID	FIXTURE	CW (IN)	HW (IN)	W (IN)	V (IN)	NOTES
WC-1	ADA WATER CLOSET	1	-	4	2	WATER CLOSET (WALL HUNG, FLUSH VALVE): KOHLER K4325, KINGSTON TOILET, WALL HUNG, VITREOUS CHINA, 1.28 GALLON FLUSH, ELONGATED BOWL DESIGN, SIPHON JET FLUSHING, 2-1/8" PASSAGEWAY AND 1-1/2" TOP SPUD. BEMIS 3155-C "DURAGUARD" WHITE, SOLID PLASTIC, OPEN-FRONT SEAT, LESS COVER, ZURN ZER6000PL-HET-CPM SENSOR OPERATED BATTERY POWERED LOW CONSUMPTION 1.28 GPF FLUSH VALVE. (CONTRACTOR SHALL COORDINATE WITH OWNER AND MATCH OWNER'S PREFERRED MODEL AS INSTALLED ON EXISTING WATER CLOSETS IN THE BUILDING. INDICATE ON SUBMITTAL THAT COORDINATION HAS TAKEN PLACE.) SMITH 0230 VERTICAL ADJUSTABLE CARRIER WITH FOOT SUPPORT AND BARIATRIC TOILET SUPPORT. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS.
L-1	LAVATORY	1/2	1/2	1 1/2	1 1/2	LAVATORY: KOHLER K2030, GREENWICH, 20" X 18", VITREOUS CHINA, WITH FRONT OVERFLOW, 8" CENTERS. CHICAGO 786-GN2FCBCP FAUCET, WITH WRIST BLADE HANDLES, GN2 RIGID SWING GOOSENECK SPOUT WITH 0.5 GPM LAMINAR FLOW CONTROL IN SPOUT INLET. WATTS LFUSG-B-M2 THERMOSTATIC MIXING VALVE WITH WATTS LF7 DUAL CHECK VALVES ON HOT AND COLD LINES INSTALLED IN CEILING. FLEXIBLE STAINLESS STEEL SUPPLIES WITH WITH LOOSE KEY ANGLE STOPS. CHICAGO 327-XCP OPEN-GRID STRAINER AND CAST BRASS P-TRAP WITH CLEAN OUT PLUG. SMITH 0700-Z CONCEALED ARM CHAIR CARRIER WITH FOOT SUPPORT. PROVIDE ADA COMPLIANT UNDER COUNTER PIPING WRAP BY TRUE-BRO, COLOR TO BE WHITE.
S-1	SURGEON SCRUB SINK	1/2	1/2	2	1 1/2	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 ETF-470-A SINGLE CHECK VALVES ON HOT AND COLD LINES. PROVIDE FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS AND CAST BRASS P-TRAP WITH CLEAN OUT PLUG.



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PLUMBING
DETAILS AND
SCHEDULES

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GENERAL PROJECT NOTES

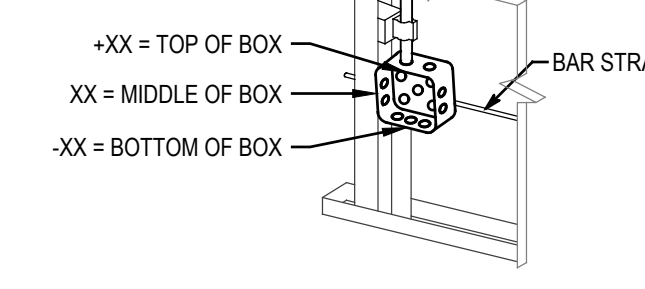
- ALL ELECTRICAL INSTALLATIONS TO CONFORM TO THE LATEST NEC AND LOCAL CODES.
- THE ELECTRICAL CONTRACTOR SHALL HAVE A COORDINATION MEETING WITH THE MECHANICAL CONTRACTOR, CONSTRUCTION SUPERINTENDANT AND ANY OTHER TRADES AS REQUIRED WITHIN SEVEN DAYS OF THE START OF THE JOB TO REVIEW CODE CLEARANCE REQUIREMENTS FOR PANELS, SWITCHES, AND OTHER ELECTRICAL GEAR SPECIFICALLY FOR THIS JOB. RECORD THE MEETING IN THE SUPERINTENDANT'S LOG. REPORT UNRESOLVED CONFLICTS TO THE ARCHITECT IMMEDIATELY.
- ELECTRICAL CONTRACTORS PROJECT MANAGER AND ON-SITE PROJECT FOREMAN SHALL REVIEW VENDOR SUBMITTALS FOR ACCURACY PRIOR TO SUBMITTING TO ENGINEER. INACCURACIES SHALL BE CORRECTED PRIOR TO ENGINEER SUBMITTAL.
- SUBMITTALS FOR EACH SYSTEM WILL BE REVIEWED BY ENGINEER UP TO TWO TIMES-ONE FULL SUBMITTAL FOR OVERALL COMPLIANCE AND ONE REVISORIAL. ADDITIONAL REVIEWS WILL BE CHARGED TO CONTRACTOR AT ENGINEER'S STANDARD BILLING RATE.
- SUBMITTALS TO ENGINEER SHALL INCLUDE ALL SPECIFIED SYSTEMS IN FIRST SUBMITTAL. PARTIAL SUBMITTALS WILL BE RETURNED TO CONTRACTOR AS INCOMPLETE AND WILL BE CONSIDERED ONE OF TWO INCLUDED SUBMITTAL REVIEWS.
- THE CLARITY OF RECORD DRAWING CHANGES MADE BY THE CONTRACTOR SHALL BE EQUAL TO THE ORIGINAL DRAWINGS AS JUDGED BY THE ARCHITECT OR THE RECORD SET WILL BE RETURNED TO THE CONTRACTOR FOR CLARIFICATION.
- WHEN THE GENERAL CONTRACT CALLS FOR 'RECORD' OR 'AS-BUILT' DRAWINGS TO BE FURNISHED BY THE CONTRACTOR AT JOB COMPLETION, THE ELECTRICAL CONTRACTOR SHALL BE REQUIRED TO FURNISH A COMPLETE SET OF 'BLUE-PRINT READY' AUTOCAD ELECTRICAL DRAWINGS FOR ALL CONTRACTOR GENERATED CHANGES FROM THE DRAWINGS OF A CLARITY EQUAL TO THE ORIGINAL DRAWINGS AS JUDGED BY THE ENGINEER. CONTACT ARCHITECT FOR DISKS OR REPRODUCIBLE ORIGINAL MEDIA. PROVIDE DRAWINGS ON CD IN AUTOCAD FORMAT.
- DO NOT SCALE ELECTRICAL FLOOR PLANS. SEE ARCHITECTURAL DRAWINGS FOR ACCURATE DIMENSIONS AND FLOOR PLANS.
- ELECTRICAL DEVICES CANNOT BE SHOWN TO SCALE AND SOMETIMES OVERLAP BUILDING ELEMENTS. REFER TO ARCHITECTURAL ELEVATIONS FOR ACCURATE MOUNTING LOCATIONS.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO FIELD VERIFY ALL PANEL CLEARANCES PER NEC 110.26 AND NOTIFY ALL OTHER TRADES ON THE JOB OF THESE CODE REQUIREMENTS.
- PANEL INDEXES SHALL INCLUDE ALL PERTINENT INFORMATION ON THE PANEL SCHEDULES INCLUDING INFORMATION ON LIGHTS AND OUTLETS. DO NOT SIMPLY COPY THE CIRCUIT DESCRIPTION COLUMN. INDEXES TO BE TYPEWRITTEN.
- COORDINATE MOUNTING HEIGHT AND LOCATION OF ALL OUTLETS, SWITCHES, AUXILIARY EQUIPMENT, AND OTHER DEVICES WITH THE ARCHITECTURAL DRAWINGS. PRIOR TO INSTALLATION, REVIEW WITH THE GENERAL CONTRACTOR THE LOCATION OF MILLWORK AS A FINAL CHECK TO PREVENT COVERING OF ELECTRICAL ITEMS.
- MOUNTING HEIGHT OF GENERAL PURPOSE OUTLETS AND SWITCHES SHALL BE 16" TO BOTTOM AND 48" TO TOP RESPECTIVELY UNLESS OTHERWISE NOTED.
- ALL ELECTRICAL EQUIPMENT SHALL BE LOCATED SO AS NOT TO INTERFERE WITH WOOD TRIM AND MOLDINGS. THE ELECTRICAL CONTRACTOR SHALL REVIEW FINISH SCHEDULES AND ARCHITECTURAL DETAILS BEFORE ROUGH-IN OF OUTLET OR SWITCH BOXES TO PREVENT BOXES AND PLATES FROM BEING PLACED BEHIND OR IN TRIMS AND MOLDINGS. REFER SPECIAL CONDITIONS TO ARCHITECT PRIOR TO ROUGH-IN.
- DO NOT INSTALL DISPOSAL SWITCHES OR GFCI PROTECTION BEHIND SINKS.
- CIRCUIT WIRE SIZES MUST MATCH BRANCH CIRCUIT BREAKERS PER NEC. VERIFY WITH PANEL SCHEDULES BEFORE PULLING WIRE.
- THE ELECTRICAL CONTRACTOR SHALL RUN BRANCH CIRCUIT CONDUITS IN A NEAT AND WORKMANLIKE MANNER SO AS TO CONSERVE OPEN SPACES AS MUCH AS POSSIBLE. HVAC DUCTWORK AND PLUMBING SHALL HAVE LOCATION PRIORITY OVER BRANCH CIRCUIT CONDUIT RUNS.
- PROVIDE AN EQUIPMENT GROUNDING CONDUCTOR, PULLED INTO THE CONDUIT WITH THE PHASE CONDUCTOR, IN ALL SERVICE FEEDER AND BRANCH CIRCUITS.
- PROVIDE A NEUTRAL CONDUCTOR FOR EACH BREAKER TRIP HANDLE. NEUTRALS SHALL NOT BE SHARED BETWEEN BRANCH CIRCUITS.
- ALL CIRCUITS TO BE MINIMUM #12 CU IN MINIMUM 3/4" CONDUIT UNLESS OTHERWISE NOTED.
- MC CABLE IS NOT AN APPROVED ALTERNATE TO CONDUCTORS IN CONDUIT FOR BRANCH CIRCUIT WIRING BETWEEN DEVICES.
- DO NOT INSTALL MORE THAN THREE PHASE CONDUCTORS IN ANY HOME-RUN CONDUITS UNLESS SPECIFICALLY INDICATED ON DRAWINGS.
- IDENTIFY ALL EMERGENCY OUTLET COVER PLATES WITH THE PANEL AND CIRCUIT NUMBER.
- DO NOT INSTALL ELECTRICAL BOXES BACK-TO-BACK IN PARTITION WALLS. LOCATE DEVICES ON OPPOSITE SIDES OF STUD OR FOLLOW DETAIL E501 FOR BOXES MOUNTED IN A COMMON STUD SPACE.
- PROVIDE GROUNDING IN PATIENT CARE AREAS PER NEC ARTICLE 517-13. PVC CONDUIT IS NOT ALLOWED IN PATIENT CARE AREAS.
- A GFI OUTLET SHALL BE INSTALLED AT EACH LOCATION DESIGNATED BY 'GFI' ON THE DRAWINGS. DOWNSTREAM PROTECTION BY A GFI OUTLET UPSTREAM IS NOT ALLOWED.
- ALL DUPLEX OUTLETS AND SWITCHES SHALL BE RATED AS HOSPITAL GRADE.
- ALL CONVENIENCE OUTLETS MUST BE MOUNTED FLUSH WITH THE COVER PLATE AND SECURED FIRMLY TO THE OUTLET BOX.
- THE CONTRACTOR SHALL TAKE SPECIAL CARE TO MAKE SURE OUTLET BOXES ARE SET FLUSH WITH FINISH WALL SURFACES WHERE WALL PANELING OR ACOUSTICAL WALLS ARE INSTALLED OR WHERE OUTLETS ARE INSTALLED ON CARPETED RISERS.
- REMOVE ALL OLD AND/OR UNUSED EXISTING CONDUIT AND ELECTRICAL APPARATUS FROM EXTERIOR OR INTERIOR EXPOSED SURFACES.
- WHERE EXISTING ELECTRICAL EQUIPMENT IS TO REMAIN BUT THE SURFACE THAT IT IS MOUNTED ON IS TO BE REWORKED UNDER OTHER CONTRACTS, THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE AND INSTALL OR MODIFY THE EXISTING EQUIPMENT AS REQUIRED TO MEET THE DESIGN INTENT. SEE ARCHITECTURAL DRAWINGS FOR ROOF, CEILINGS, WALLS, SOFFITS, FLOORS, ETC.
- REMOVE ALL UNUSED CONDUITS AND CIRCUITS IN THE DEMOLITIONED AREA AS THEY ARE IDENTIFIED AS UNUSED OR ABANDONED.
- REMOVE ALL EXISTING ELECTRICAL DEVICES, EQUIPMENT, AND APPARATUS AS THEY ARE IDENTIFIED AS UNUSED OR ABANDONED.
- RELOCATE EXISTING CONDUITS AND CIRCUITS AS REQUIRED THAT ARE PRESENTLY SERVING EQUIPMENT THAT IS INTENDED TO REMAIN IN SERVICE BUT SAID CONDUITS ARE CURRENTLY RUNNING THROUGH AREAS TO BE DEMOLITIONED.
- WHERE EXISTING CONDUIT RUNS ARE RE-USED BY SPECIAL PERMISSION FROM THE ARCHITECT, A SEPARATE GREEN INSULATED GROUND WIRE SHALL BE PULLED IN THE CONDUIT AND BONDED AT EACH END AS REQUIRED.
- ALL PATCH, REPAIR, REPAINT AND COVER UP REQUIRED AS A RESULT OF ELECTRICAL REWORK IS TO BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR, BUT ACTUAL WORK IS TO BE PERFORMED BY QUALIFIED PERSONNEL.
- FIELD VERIFY CONDITIONS FOR NEW WIRING. SURFACE RACEWAYS MUST RECEIVE PRIOR APPROVAL FROM THE ARCHITECT BEFORE BID AND MUST BE PAINTED TO MATCH THE SURFACE ON WHICH THEY ARE MOUNTED. STRAP WIRE MOLD EVERY FOUR FEET.
- RE ROUTE EXISTING CIRCUIT CONDUITS AS REQUIRED AT ALL AREAS WHERE EXISTING WALLS ARE TO BE DEMOLITIONED OR HAVE DOORWAYS CUT IN THEM. PLAN ON AN AVERAGE OF ONE, 3/4" CONDUIT RELOCATION FOR EACH PENETRATION OR WALL REMOVAL.
- ALL RECESSED LIGHT FIXTURES MUST CONFORM TO NEC 410 AND IECC 902.4.8. ELECTRICAL CONTRACTOR COORDINATE WITH GENERAL CONTRACTOR AS REQUIRED.
- COORDINATE LOCATION OF CEILING LIGHT FIXTURES WITH THE REFLECTED CEILING PLAN.
- FIXTURE COUNTS SHOWN ON DRAWINGS ARE FOR REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE TO VERIFY FIXTURE COUNTS AS PART OF BIDDING PROCESS.
- ELECTRICAL CONTRACTOR SHALL VERIFY CEILING THICKNESSES AND USE CEILING TRIM EXTENDERS ON DOWNLIGHTS AS REQUIRED.
- SUPPORT RECESSED 1-BAR MOUNT FIXTURES WITH FOUR EXTRA GALVANIZED WIRE SUPPORTS ON OPPOSITE CORNERS PER IBC. CONNECT WIRES TO BUILDING STRUCTURE.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW ALL SWITCH LOCATIONS WITH THE GENERAL CONTRACTOR PRIOR TO ROUGH-IN TO PREVENT ANY SWITCHES FROM BEING LOCATED ON THE WRONG SIDE OF THE DOOR.
- COORDINATE LOCATION OF EXIT LIGHTS WITH ARCHITECT.
- FIELD VERIFY MOUNTING OF SURFACE FIXTURES SHOWN IN CONTINUOUS ROWS. MAKE ADJUSTMENTS SIDEWAYS OR UNDER OBSTRUCTIONS AS REQUIRED AND PROVIDE NECESSARY RACEWAY CONNECTIONS.
- VERIFY FIXTURE COUNT WITH REFLECTED CEILING PLAN.
- THE BOTTOM OF WALL MOUNTED FIXTURES MUST BE A MINIMUM OF 6'-8" AFF UNLESS FIXTURES ARE ADA COMPLIANT.
- EXHAUST FANS FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR. WIRED BY ELECTRICAL CONTRACTOR REFER TO MECHANICAL PLANS FOR EXACT LOCATION OF MECHANICAL EQUIPMENT.
- LOCATE OUTLETS FOR ELECTRIC WATER COOLERS SO THAT THE OUTLET AND EXTENSION CORDS ARE CONCEALED FROM VIEW.
- BEFORE RUNNING CONDUITS, PLACING OUTLETS OR ORDERING EQUIPMENT, THE CONTRACTOR SHALL REVIEW THE SPECIFICATIONS AND DESIGN AND SHOP DRAWINGS OF THE OTHER TRADES SERVED BY THE CONDUIT, OUTLETS, AND/OR EQUIPMENT.
- PROVIDE NEUTRAL CONNECTION TO 208/240/480V, SINGLE-PHASE EQUIPMENT. RUN SEPARATE GROUND WIRE TO ALL OUTDOOR UNITS AND BOND TO THE EQUIPMENT GROUND LUG.
- INSTALL CEILING SMOKE AND HEAT DETECTORS A MINIMUM OF THREE FEET AWAY FROM ANY SUPPLY AIR DUCT.
- BID TO RUN FIRE ALARM RACEWAYS CONCEALED. ANY SURFACE RACEWAYS (WIRED #700 ONLY) MUST BE PRIOR APPROVED BY THE ARCHITECT OWNER AND PAINTED TO MATCH THE SURFACE IT IS MOUNTED ON.
- COORDINATE LOCATION OF ALL FIRE ALARM DEVICES WITH NFPA AND ADA REQUIREMENTS. COORDINATE LOCATIONS WITH MILLWORK AS REQUIRED.
- WHERE THERE ARE CONFLICTS IN THE DRAWINGS AND/OR SPECIFICATIONS THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO BID. WHERE NO NOTIFICATION IS GIVEN THE MORE STRINGENT INTERPRETATION (GENERALLY INTERPRETED TO BE THE MORE COSTLY) WILL BE ENFORCED.

ELECTRICAL ABBREVIATIONS

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
A	AMPERE	ELEC	ELECTRICAL	MAX	MAXIMUM	SCHED	SCHEDULE
AF	AMP FUSE	ELEV	ELEVATOR	MCB	MAIN CIRCUIT BREAKER	SECT	SECTION
AFF	ABOVE FINISHED FLOOR	EMER. EM	EMERGENCY	MECH	MECHANICAL	SP	SINGLE POLE
AFG	ABOVE FINISHED GRADE	EMT	ELECTRICAL METALLIC TUBING	MFR	MANUFACTURER	SN	SOLID NEUTRAL
AFI	ARC-FAULT CIRCUIT-INTERRUPTER	EOLR	END OF LINE RESISTOR	MIN	MINIMUM	SPEC	SPECIFICATION
AIC	AMPERE INTERRUPTING CAPACITY	EQUIP	EQUIPMENT	MLO	MAIN LUGS ONLY	SW	SWITCH
AL	ALUMINUM	EX. EXIST	EXISTING	MTO	MOUNTED	SWBD	SWITCHBOARD
ARCH	ARCHITECTURAL	FBO	FURNISHED BY OTHERS	NEC	NATIONAL ELECTRICAL CODE	SWGR	SWITCH GEAR
AS	AMP SWITCH	FJU	FAN COIL UNIT	NECA	NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION	SYS	SYSTEM
AWG	AMERICAN WIRE GAUGE	FF	FINISHED FLOOR	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION	TEMP	TEMPORARY
BLDG	BUILDING	FIXT	FIXTURE	NEUT	NEUTRAL	TELE	TELEPHONE
BKBD	BACKBOARD	FLEX	FLEXIBLE METALLIC CONDUIT (STEEL)	NFC	NATIONAL FIRE CODE	TWP	TWISTED PAIR
C	CONDUIT	FLUOR	FLUORESCENT	NC	NORMALLY CLOSED	TWSP	TWISTED SHIELDED PAIR
CAB	CABINET	FT	FEET OR FOOT	NIC	NOT IN CONTRACT	XFMR	TRANSFORMER
CAT	CATALOG/CATEGORY	GFI	GROUND FAULT INTERRUPTER	NL	NIGHT LITE	T-STAT	THERMOSTAT
CB	CIRCUIT BREAKER	GND	GROUND	NO	NORMALLY OPEN	TYP	TYPICAL
CKT	CIRCUIT	HP	HORSEPOWER	NTS	NOT TO SCALE	UBC	UNIFORM BUILDING CODE
CLG	CEILING	HVAC	HEATING, VENTILATING & AIR CONDITIONING	OCP	OVERCURRENT PROTECTION	UL	UNDERWRITERS LABORATORY
COMM	CONDUIT ONLY	IG	ISOLATED GROUND	P	POLE	UMC	UNIFORM MECHANICAL CODE
CONN	COMMUNICATION	IMC	INTERMEDIATE METAL CONDUIT	PH	PHASE	UNO	UNLESS NOTED OTHERWISE
CONN	CONNECTION	IN	INCHES	PNL	PANEL	V	VOLT OR VOLTAGE
CU	COPPER	ISC	SHORT CIRCUIT AMPERES, KA	PIR	PIR	VA	VOLT AMPERE
DEMO	DEMOLITION/DEMOLISH	JB-BOX	JUNCTION BOX	QTY	QUANTITY	W	WATT
DISC	DISCONNECT	KMIL	THOUSAND CIRCULAR MILS	RECEP	RECEPTACLE	WI	WITH
DN	DOWN	KVA	KILOVOLT AMPERE	REQD	REQUIRED	WG	WIRE GUARD
DWS	DRAWING	KW	KILOWATT	RGSC	RIGID GALVANIZED STEEL CONDUIT	WP	UL LISTED WEATHERPROOF, NEMA 3R or 4
EA	EACH	LTG	LIGHTING	RM	ROOM		

ELECTRICAL LEGEND

ANNOTATIONS		POWER AND DISTRIBUTION	
	DETAIL CALL-OUT; TOP "X" REFERS TO DETAIL NUMBER & BOTTOM "XXX" REFERS TO SHEET NUMBER		DISTRIBUTION PANEL
	KEYED NOTE CALLOUT		PANELBOARD
	EQUIPMENT CALLOUT		METER / METER SOCKET
LIGHTING FIXTURES		COMMUNICATIONS	
	EMERGENCY LIGHT		COMMUNICATIONS RACK
	EXIT LIGHT: CEILING - FACE(S) AS SHOWN		DATA RACK: FREE STANDING CABINET
	EXIT LIGHT: WALL - FACE(S) AS SHOWN		COMMUNICATIONS RACEWAY: OPEN D-RINGS OR J-HOOKS. SEE DETAILS AND SPECIFICATIONS
	EXIT LIGHT: FACE SIDE		COMMUNICATIONS RACEWAY: "X" 4" CONDUITS, UNLESS OTHERWISE NOTED
	EXIT LIGHT: DIRECTIONAL ARROWS, DOUBLE FACE		COMMUNICATIONS RACEWAY: "X" CONDUITS OF "Y" DIAMETER
	RECESSED FIXTURE		COMMUNICATIONS LADDER RACK. SEE SPECIFICATIONS AND/OR SCHEDULES
	STRIP LIGHT		COMMUNICATIONS RACEWAY CABLE TRAY. SEE SPECIFICATIONS AND/OR SCHEDULES
	LINEAR FIXTURE		PHONE BACKBOARD
	LIGHT FIXTURE LOCATED IN IECC DAY-LIGHTING ZONE		COMMUNICATIONS ENCLOSURE
	EMERGENCY FIXTURE		TELEVISION OUTLET (6" SQ x 2-7/8" J-BOX; 1-GANG x 5/8" D MUD-RING; 1" CONDUIT, 1-RG-6 COAX)
	WALL MOUNT FIXTURE		COMMUNICATIONS OUTLET (6" SQ x 2-7/8" J-BOX; 1-GANG x 5/8" D MUD-RING; 1" CONDUIT, 1 CAT 6A FI/FTP CABLE)
	CEILING FIXTURE		COMMUNICATIONS OUTLET (6" SQ x 2-7/8" J-BOX; 1-GANG x 5/8" D MUD-RING; 1" CONDUIT, 2 CAT 6A FI/FTP CABLES)
	LIGHTING CONTROL		COMMUNICATIONS OUTLET (6" SQ x 2-7/8" J-BOX; 1-GANG x 5/8" D MUD-RING; 1" CONDUIT, 3 CAT 6A FI/FTP CABLES)
	SINGLE POLE SWITCH; "X" INDICATES SWITCH GROUP		COMMUNICATIONS OUTLET: WIRELESS ACCESS POINT (6" SQ x 2-7/8" J-BOX; 1-GANG x 5/8" D MUD-RING; 1" CONDUIT, 1 CAT 6A FI/FTP CABLE)
	THREE WAY SWITCH		FIRE ALARM
	FOUR WAY SWITCH		FIRE ALARM CONTROL PANEL
	SWITCH EMERGENCY SOURCE - RED DEVICE AND PLATE UNLESS OTHERWISE SPECIFIED		FIRE ALARM REMOTE ANNUNCIATOR PANEL
	WALL MOUNT OCCUPANCY SENSOR - ADAPTIVE TECHNOLOGY		NOTIFICATION APPLIANCE CIRCUIT PANEL
	DIMMER SWITCH: LED, 600 W MINIMUM		SMOKE DETECTOR
	OCCUPANCY SENSOR		HEAT DETECTOR
	OCCUPANCY SENSOR: DUAL TECHNOLOGY		FIRE ALARM CONTROL / RELAY MODULE
	PUSH BUTTON		FIRE ALARM MONITOR MODULE
BRANCH CIRCUITING			MAGNETIC DOOR HOLDER
	DUPLEX OUTLET: HOSPITAL GRADE		FIRE ALARM STROBE; "X" = MINIMUM CANDELA RATING
	DUPLEX OUTLET: TVSS - BLUE DEVICE AND PLATE WITH AUDIBLE ALARM UNLESS OTHERWISE SPECIFIED		FIRE ALARM HORN AND STROBE; "X" = MINIMUM CANDELA RATING
	FACELESS GFC PROTECTION DEVICE		FIRE ALARM HORN
	DUPLEX OUTLET: GROUND FAULT INTERRUPTER		FIRE ALARM PULL STATION
	ELECTRIC WATER COOLER OUTLET: GFCI UNLESS NOTED		NURSE CALL: PULL CHAIN
	DUPLEX OUTLET: EMERGENCY SOURCE - RED DEVICE AND PLATE UNLESS OTHERWISE SPECIFIED		NURSE CALL LIGHT, WALL
	DUPLEX OUTLET: ISOLATED GROUND - ORANGE DEVICE AND PLATE UNLESS OTHERWISE SPECIFIED		SECURITY
	DUPLEX OUTLET: WEATHERPROOF-IN-USE COVER		ELECTRIC STRIKE (4SD J-BOX ABOVE CEILING; 1/2" CONDUIT STUB INTO DOOR FRAME)
	DOUBLE DUPLEX OUTLET		CARD READER (4SD J-BOX WALL; 4SD J-BOX ABOVE CEILING; 1/2" CONDUIT BETWEEN BOXES)
	DOUBLE DUPLEX OUTLET: EMERGENCY SOURCE - RED DEVICE AND PLATE UNLESS OTHERWISE SPECIFIED		AUDIO/VISUAL
	220V ELECTRIC OUTLET (NEMA 14-30P); VERIFY RECEPTACLE TYPE WITH EQUIPMENT NAME PLATE PRIOR TO ORDERING.		DISCONNECT; NO OVER-CURRENT PROTECTION
	FLOOR BOX: SEE FLOOR, TABLE, AND WALL BOX SCHEDULE, E601, FOR TYPE		MOTOR PROTECTIVE THERMAL SWITCH
	WALL BOX: SEE FLOOR, TABLE, AND WALL BOX SCHEDULE, E601, FOR TYPE		QUANTITY OF CONDUCTORS: SHORT LINES = PHASE/SWITCH, LONG LINES = NEUTRAL
	JUNCTION BOX		HOME-RUN
	DISCONNECT; NO OVER-CURRENT PROTECTION		CIRCUITING: NORMAL SOURCE
	MOTOR PROTECTIVE THERMAL SWITCH		CIRCUITING: EM-LIFE SAFETY SOURCE
	QUANTITY OF CONDUCTORS: SHORT LINES = PHASE/SWITCH, LONG LINES = NEUTRAL		CIRCUITING: EM-CRITICAL SOURCE
	HOME-RUN		CIRCUITING: EM-EQUIPMENT SOURCE
	CIRCUITING: NORMAL SOURCE		LOW VOLTAGE LIGHTING CONTROL
	CIRCUITING: EM-LIFE SAFETY SOURCE		GENERAL WALL-MOUNTED BOX HEIGHT DETAIL

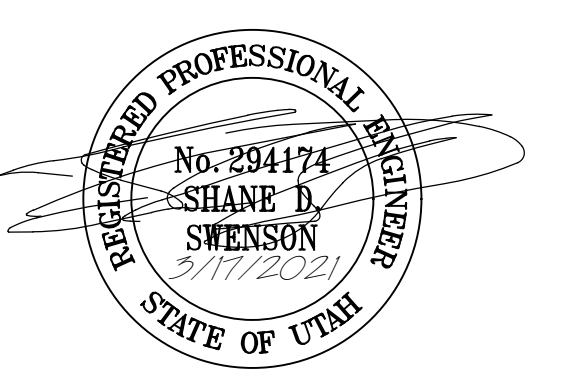


SHEET INDEX

Sheet Number	Sheet Title
E001	ABBREVIATIONS, G.P.N., LEGEND & SHEET INDEX
E0101	ELECTRICAL DEMOLITION AND PHASING PLAN
E201	LIGHTING PLAN
E301	POWER PLAN
E401	ELECTRONIC SYSTEMS PLAN
E501	ELECTRICAL DETAILS AND SCHEDULES



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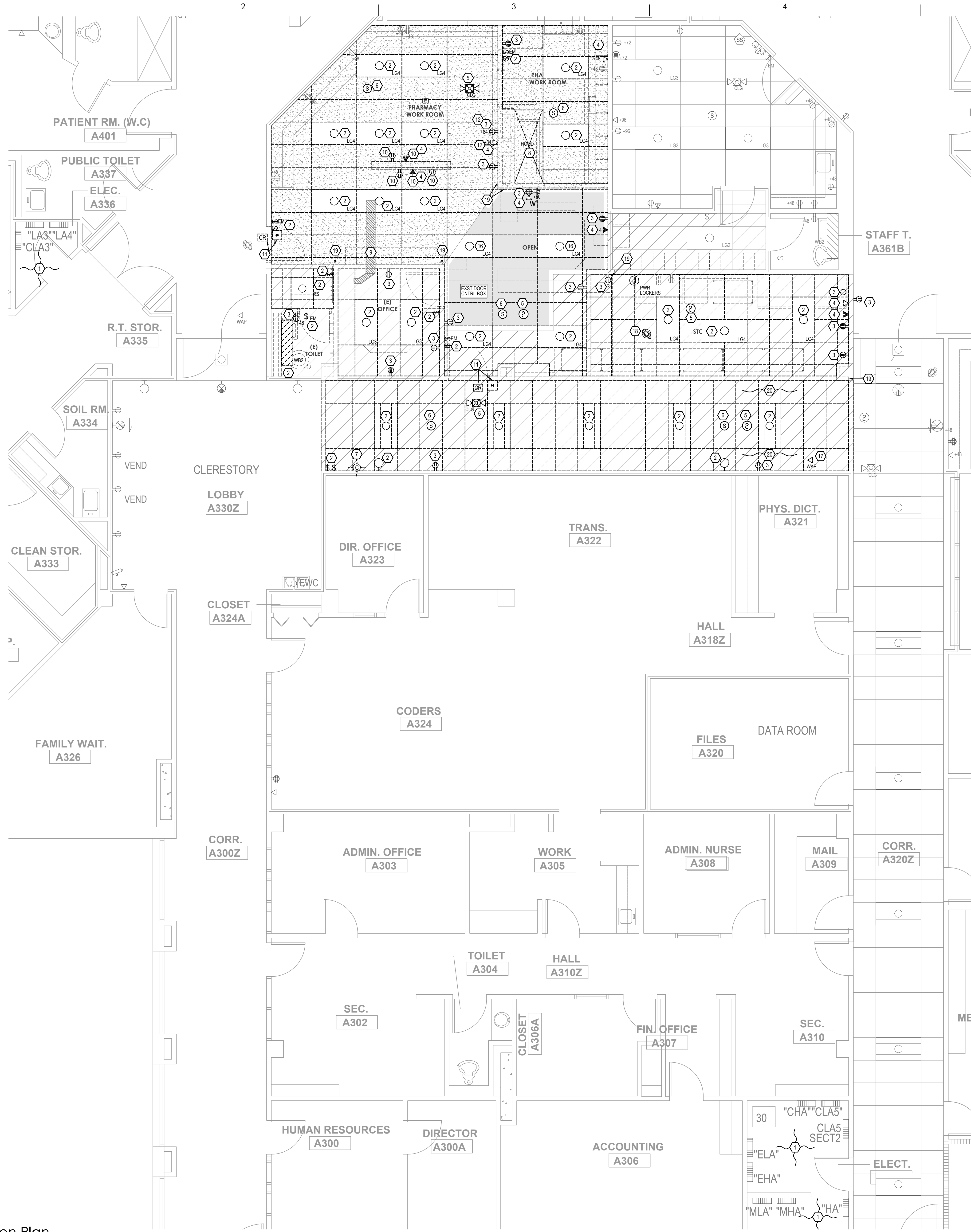
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ABBREVIATIONS,
G.P.N., LEGEND &
SHEET INDEX

E001

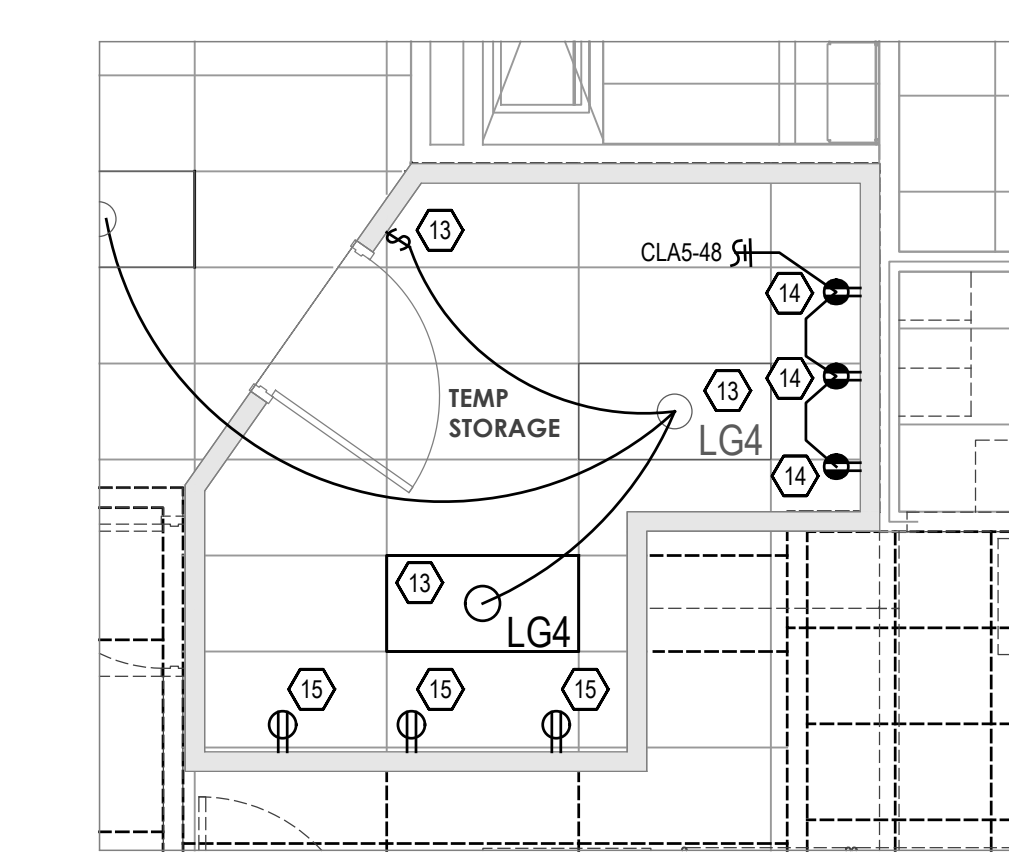


SHEET KEYED NOTES

- EXISTING PANELS TO REMAIN.
- REMOVE EXISTING FIXTURES AND/OR LIGHTING CONTROL AS INDICATED.
- REMOVE EXISTING OUTLETS AS INDICATED.
- REMOVE EXISTING COMMUNICATIONS DEVICES AS INDICATED. PROTECT CABLES DURING CONSTRUCTION. CABLES TO BE RE-USED.
- REMOVE EXISTING FIRE ALARM DEVICES AS INDICATED. PROTECT DEVICES DURING DEMOLITION/CONSTRUCTION. DEVICES ARE TO BE RE-USED.
- REMOVE SPEAKERS AND PROTECT DURING CONSTRUCTIONS. SPEAKERS TO BE RE-USED AS INDICATED ON SHEET E401.
- COORDINATE RELOCATION OF CELLULAR NETWORK EQUIPMENT WITH FACILITY MANAGER.
- DISCONNECT EXISTING HOOD EQUIPMENT FOR REMOVAL BY OTHER.
- CUT, PATCH, AND REPAIR CONCRETE TO EXTEND POWER AND DATA FROM OLD WORK STATION TO NEW WORK STATION.
- REMOVE ELECTRICAL DEVICES IN ISLAND WORKSTATION. RE-ROUTE CIRCUITS AND LOW VOLTAGE WIRING THROUGH FLOOR CUT TO NEW FLOOR BOX AS SHOWN ON SHEET E301.
- DISCONNECT DOOR ACCESS AND PROTECT EQUIPMENT DURING CONSTRUCTION. DOOR ACCESS TO BE RE-INSTALLED AS INDICATED ON SHEET E401.
- EXTEND RACEWAYS AND WIRING SERVING EXISTING TV TO NEW TV LOCATION.
- PROVIDE TEMPORARY LIGHTING IN ROOM INDICATED. RELOCATE EXISTING LIGHT FIXTURE REMOVED IN PHASE 1A DEMOLITION AND INTEGRATE FIXTURES INTO EXISTING PHARMACY LIGHTING NORMAL SOURCE CIRCUIT WITH NEW LIGHTING CONTROL AS INDICATED.
- PROVIDE PERMANENT POWER FOR NEW NARC STATIONS IN TEMPORARY STORAGE AREA.
- PROVIDE TEMPORARY POWER FOR PHARMACY FRIDGES/FREEZERS. INTEGRATE TEMPORARY OUTLETS INTO CIRCUITS CURRENTLY SERVING PHARMACY FRIDGES/FREEZER.
- RE-USE EXISTING LIGHT FIXTURES FOR TEMPORARY STORAGE AS SHOWN IN 2ED101.
- REMOVE EXISTING WIRELESS ACCESS POINT. RELOCATE DEVICE TO LOCATION INDICATED ON SHEET E401 KEYED NOTE #2.
- REMOVE EXISTING CAMERA AND PROTECT DURING CONSTRUCTIONS. CAMERA TO BE RE-USED AS INDICATED ON SHEET E401.
- EXISTING WALLS TO BE REMOVED. RE-ROUTE AND RE-SUPPORT CONDUITS AFFECTED BY WALL REMOVAL. FIELD VERIFY AFFECTED CONDUITS AS PART OF BIDDING PROCESS.
- NEW HARD LID CEILING TO BE INSTALLED IN CLEAN ROOMS. RELOCATE EXISTING J-BOXES TO AVOID INACCESSIBLE JUNCTIONS ABOVE HARD LID. FIELD VERIFY AFFECTED QUANTITY AS PART OF BIDDING PROCESS.

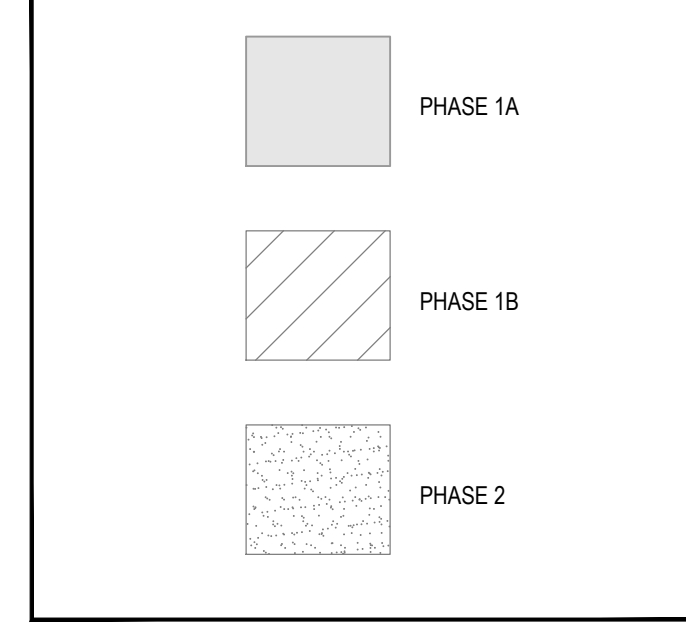
GENERAL SHEET NOTES

- DEMOLITION PLAN IS ENGINEER'S ATTEMPT TO ASSIST BIDDERS IN ESTIMATING REMOVAL COSTS OF EXISTING EQUIPMENT. PLAN IS NOT INTENDED TO BE ALL-INCLUSIVE, AND IT IS THE BIDDERS RESPONSIBILITY TO VERIFY ALL EXISTING EQUIPMENT AND DEVICES TO BE REMOVED PRIOR TO BIDDING.
- EXISTING ITEMS TO BE REMOVED ARE INDICATED AS BOLD/DASHED. ITEMS TO REMAIN ARE SHOWN AS LIGHT/SOLID.
- MAINTAIN CIRCUIT CONTINUITY FOR DEVICES DOWNSTREAM OF ITEMS TO BE REMOVED. VERIFY ALL EQUIPMENT THAT WILL BE AFFECTED BEFORE A POWER OUTAGE AND COORDINATE ALL POWER OUTAGES WITH PHARMACY PRIOR TO OUTAGE.
- WHERE DEVICES ARE SHOWN TO BE REMOVED, COMPLETELY REMOVE ALL RACEWAYS, BOXES AND CONDUCTORS TO PANEL OR TO FIRST J-BOX TO REMAIN ACTIVE IN CIRCUIT PATH.
- DEMOLITION/CONSTRUCTION TO BE COMPLETED IN PHASES TO KEEP PHARMACY OPERATIONAL DURING CONSTRUCTION. REFER TO PHASED CONSTRUCTION LEGEND AND 2ED101 FOR PHASING ALONG WITH ARCHITECTURAL PLANS FOR PHASING REQUIREMENTS.

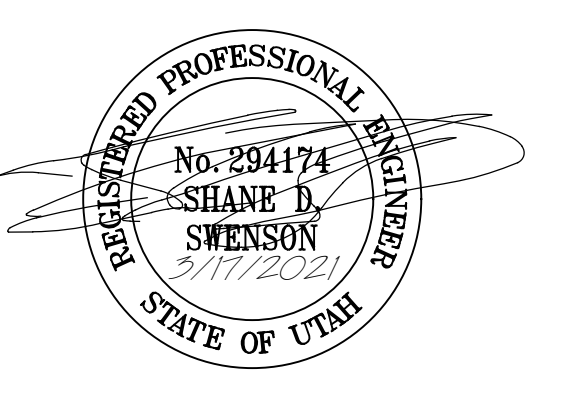


Electrical Phase 1A Temporary Storage Plan
SCALE: 1/4" = 1'-0"

PHASED CONSTRUCTION LEGEND



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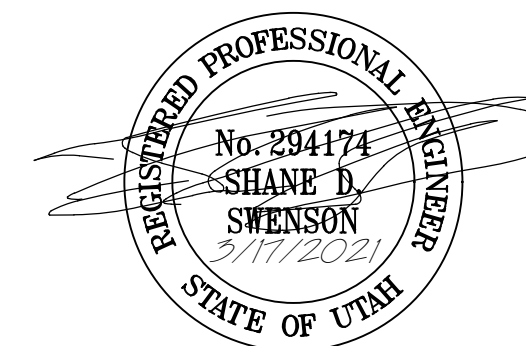
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ELECTRICAL DEMOLITION AND PHASING PLAN

ED101

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



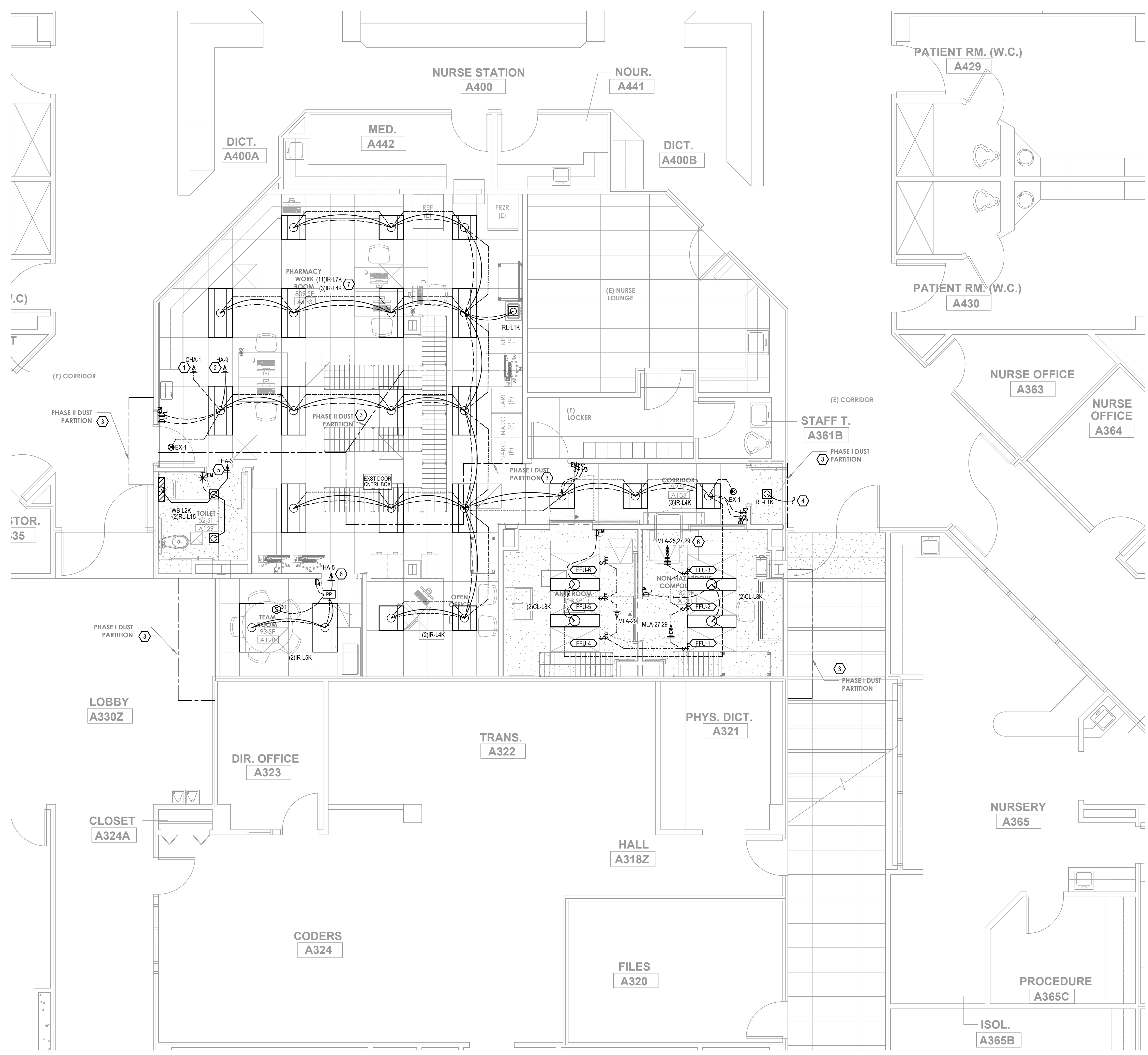


SHEET KEYED NOTES

- CONNECT TO EMERGENCY SOURCE LIGHTING CIRCUIT PREVIOUSLY SERVING PHARMACY.
- CONNECT TO NORMAL SOURCE LIGHTING CIRCUIT PREVIOUSLY SERVING PHARMACY.
- TEMPORARY PHASE PARTITION. PROVIDE ADDITIONAL MATERIAL AND LABOR AS NEED TO INCORPORATE PHASED DEMOLITION/CONSTRUCTION IN PHARMACY. THIS INCLUDES, BUT IS NOT LIMITED TO, ADDITIONAL J-BOXES, CONDUIT, AND CONDUCTORS TO KEEP PHARMACY OPERATIONAL DURING CONSTRUCTION.
- INTEGRATE NEW LIGHT FIXTURE INTO EXISTING HALLWAY NORMAL SOURCE LIGHTING CIRCUIT AND CORRESPONDING LIGHTING CONTROL.
- CONNECT TO EMERGENCY SOURCE LIGHTING CIRCUIT PREVIOUSLY SERVING PHARMACY RESTROOM.
- CIRCUIT TO PANEL INDICATED. PROVIDE NEW SINGLE POLE 20 AMP BREAKER IN EXISTING PANEL FOR EACH CIRCUIT INDICATED.
- PROVIDE DUAL DRIVER FIXTURES.
- CONNECT TO NORMAL SOURCE LIGHTING CIRCUIT PREVIOUSLY SERVING OFFICE.

GENERAL SHEET NOTES

- CONTRACTOR TO FURNISH OCCUPANCY SENSORS WITH COVERAGE PATTERNS APPROPRIATE FOR THEIR INSTALLED LOCATIONS. COORDINATE WITH EQUIPMENT SUPPLIER PRIOR TO BID.
- CONNECT OCCUPANCY SENSORS TO ENABLE ALL SWITCHES IN CONTROLLED SPACE.
- CONNECT OCCUPANCY SENSORS, BATTERY BALLASTS, EXIT SIGNS, ETC. TO UNSWITCHED SOURCE CIRCUITOR.
- SEE POWER PLAN FOR ELECTRICAL DISTRIBUTION, EQUIPMENT, AND LIGHTING RELAY PANEL LOCATIONS.
- EXISTING LIGHTING, ELECTRICAL AND ELECTRONIC DEVICES SHOWN LIGHT. NEW DEVICES SHOWN DARK.
- NEW DEVICES SHOWN ON EXISTING WALLS SHALL FINISH FLUSH WITH WALL UNLESS OTHERWISE NOTED. CUT, PATCH AND REPAIR SURFACES AS REQUIRED.
- PROVIDE PUTTY PACKS ON DEVICES INSTALLED IN WALLS BORDERING PHARMACY SPACE. SEE DETAIL EES01 FOR ADDITIONAL INFORMATION.
- REPLACE EXISTING WIRING DEVICES WITH NEW COMPLYING WITH THIS PROJECT'S SPECIFICATIONS WHEN EXISTING WIRING DEVICES ARE LOCATED IN SAME ROOM OR AREA AS NEW DEVICES.
- PANELS AND CIRCUITS SHOWN ARE BASED OFF EXISTING DRAWINGS. CONTRACTOR IS TO VERIFY CIRCUIT AVAILABILITY AND ADJUST CIRCUIT NUMBERS AS NEEDED. INCLUDE ALL CHANGES ON FIELD REDLINE SET.
- ALL CIRCUITS TO BE MINIMUM #12 THIN CU CONDUCTORS IN MINIMUM 3/4" CONDUIT UNLESS OTHERWISE NOTED.
- ALL NEW LIGHTING CONTROLS (SWITCH, OCCUPANCY SENSORS, DIMMERS, ETC.) SHALL BE LITHONIA N-LIGHT, WATTSTOPPER DLM, DOUGLASS DIALOG OR OTHER SIMILAR SYSTEM THAT ALLOWS SWITCHES AND SENSORS TO COMMUNICATE TO MEET MANUAL ON, AUTO OFF REQUIREMENTS OF ENERGY CODE.



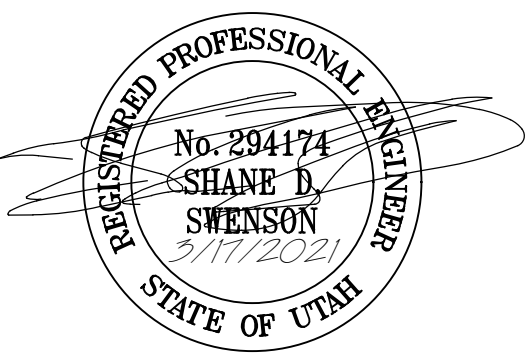
1 Lighting Plan
SCALE: 1/4" = 1'-0"



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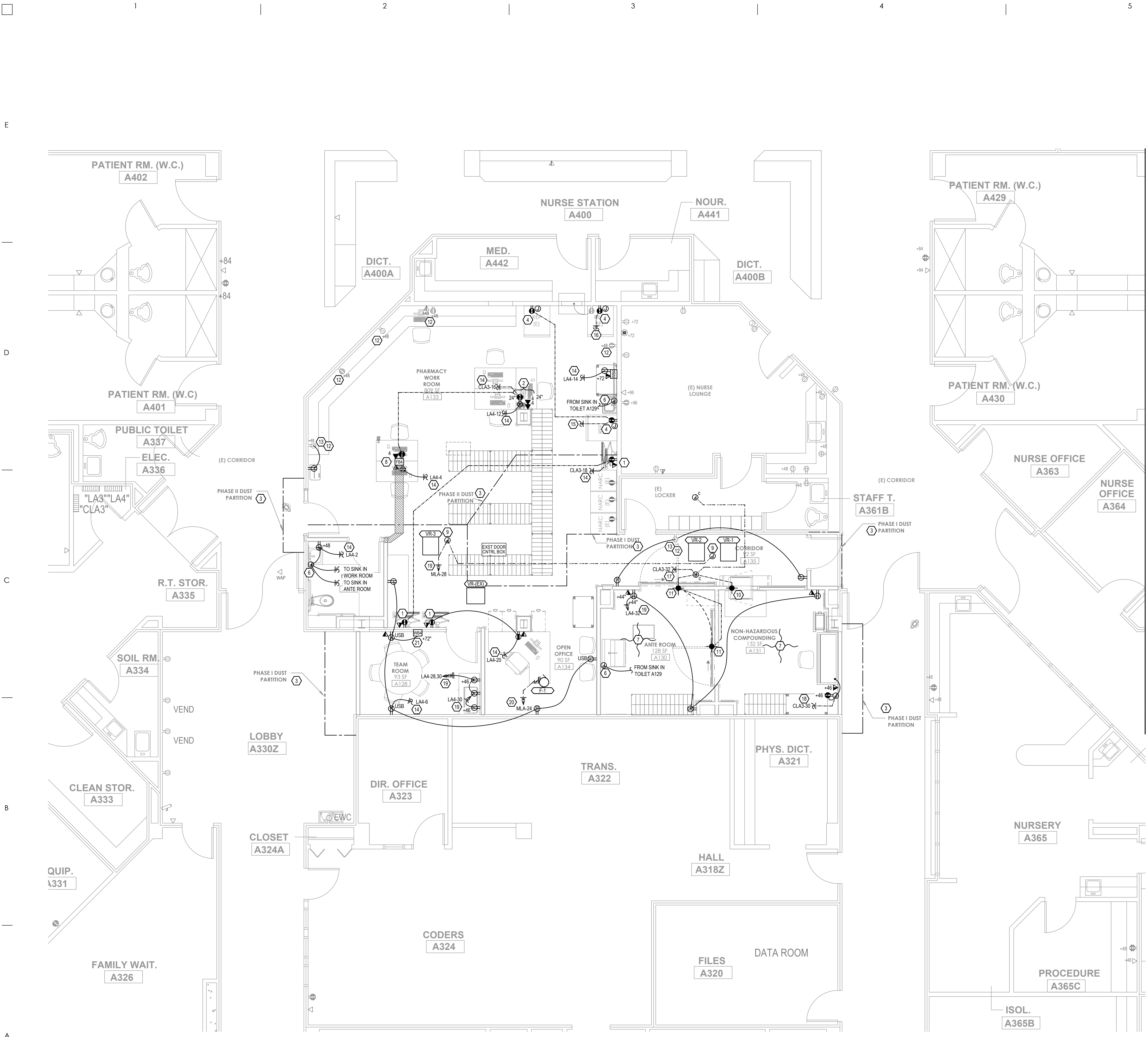


SHEET KEYED NOTES

- SEE ARCHITECTURAL ELEVATIONS FOR OUTLET MOUNTING HEIGHT TO FEED WALL MOUNTED COMPUTER MONITOR.
- MOUNT RECEPTACLES IN COLUMN.
- TEMPORARY PHASE PARTITION. PROVIDE ADDITIONAL MATERIAL AND LABOR AS NEED TO INCORPORATE PHASE DEMOLITION/CONSTRUCTION IN PHARMACY. THIS INCLUDES, BUT IS NOT LIMITED TO, ADDITIONAL L-BOXES, CONDUIT, AND CONDUCTORS TO KEEP PHARMACY OPERATIONAL DURING CONSTRUCTION.
- PROVIDE POWER TO REFRIGERATOR/FREEZER AS SHOWN. PROVIDE J-BOX AND CONDUIT STUB FOR TEMPERATURE ALARM.
- NOT USED.
- PROVIDE POWER TO REST ROOM LOW VOLTAGE TRANSFORMERS (TRANSFORMER FURNISHED BY MECHANICAL CONTRACTOR) AND/OR HOT WATER PIPE HEAT TAP (HEAT TAP PROVIDED BY MECHANICAL CONTRACTOR). PROVIDE LOW VOLTAGE WIRING FROM ONE TRANSFORMER TO EACH REST ROOM'S SINKS AND LOW VOLTAGE WIRING FROM THE SECOND TRANSFORMER TO EACH REST ROOM'S TOILET.
- PHARMACY CLEAN ROOM. REFER TO ARCHITECTURAL DOCUMENTS FOR PENETRATION LIMITATIONS AND SEALING REQUIREMENTS.
- CUT, PATCH, AND REPLACE CONCRETE TO FACILITATE POWER AND DATA TO NEW FLOOR BOXES. EXTEND CONDUIT AND WIRING PREVIOUSLY SERVING ISLAND WORKSTATION TO NEW FLOOR BOX.
- PROVIDE POWER TO VAV TRANSFORMER. TRANSFORMER AND TRANSFORMER SECONDARY WIRING BY MECHANICAL CONTRACTOR.
- PROVIDE POWER TO PASS-THRU WINDOW PER MANUFACTURER'S REQUIREMENTS.
- PROVIDE POWER TO CLEAN ROOM SLIDING DOOR. PROVIDE CONTROL INTERLOCKS PER MANUFACTURER'S REQUIREMENTS TO PREVENT DOORS FROM BEING OPEN SIMULTANEOUSLY.
- REPLACE DEVICE PER GENERAL NOTE #7 THIS SHEET.
- CIRCUIT TO EXISTING OUTLET
- FEED FROM CIRCUIT PREVIOUSLY SERVING PHARMACY.
- FEED FROM CIRCUIT PREVIOUSLY SERVING FRIDGES
- FEED FROM CIRCUIT PREVIOUSLY SERVING FREEZER.
- FEED FROM CIRCUIT SERVING PHARMACY DOOR ACCESS CONTROL.
- EXTEND CIRCUIT PREVIOUSLY SERVING CLEAN ROOM HOOD TO NEW HOOD LOCATION.
- CIRCUIT TO PANEL INDICATED. PROVIDE NEW SINGLE POLE 20 AMP BREAKER IN EXISTING PANEL.
- CIRCUIT TO PANEL INDICATED. PROVIDE NEW DOUBLE POLE 20 AMP BREAKER IN EXISTING PANEL.
- PROVIDE RECESSED ENTERTAINMENT WALL BOX. COORDINATE EXACT LOCATION OF TV MOUNTING BRACKET WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN. REFER TO WALL BOX TABLE FOR ADDITIONAL REQUIREMENTS.

GENERAL SHEET NOTES

- COORDINATE ALL SWITCH, OUTLET, LIGHT AND OTHER DEVICE LOCATIONS WITH ARCHITECTURAL ELEMENTS (CABINETS, WINDOWS ETC.) PRIOR TO ROUGH IN. REVIEW ARCHITECTURAL INTERIOR ELEVATIONS PRIOR TO ROUGH-IN OF EACH AREA FOR ADDITIONAL INFORMATION.
- REFER TO E4 SERIES SHEETS FOR ADDITIONAL ELECTRONIC SYSTEMS BOX AND RACEWAY REQUIREMENTS.
- EXISTING LIGHTING, ELECTRICAL AND ELECTRONIC DEVICES SHOWN LIGHT. NEW DEVICES SHOWN DARK.
- NEW DEVICES SHOWN ON EXISTING WALLS SHALL FINISH FLUSH WITH WALL UNLESS OTHERWISE NOTED. CUT, PATCH AND REPAIR SURFACES AS REQUIRED.
- CONTRACTOR IS RESPONSIBLE TO PROVIDE GFCI PROTECTION FOR OUTLETS PER NEC 210.8 WHEN FIELD CONDITIONS REQUIRE MOUNTING DEVICES WITHIN 6'-0" FROM EDGE OF SINK. PROVIDE FACELESS GFCIS MOUNTED ADJACENT TO DEVICE WHERE SPECIALTY DEVICES (TVSS AFQLETC) ARE REQUIRED.
- PROVIDE PUTTY PACKS ON DEVICES INSTALLED IN WALLS BORDERING PHARMACY SPACE. SEE DETAIL E1591 FOR ADDITIONAL INFORMATION.
- REPLACE EXISTING WIRING DEVICES WITH NEW COMPLYING WITH THIS PROJECT'S SPECIFICATIONS WHEN EXISTING WIRING DEVICES ARE LOCATED IN SAME ROOM OR AREA AS NEW DEVICES.
- PANELS AND CIRCUITS SHOWN ARE BASED OFF EXISTING DRAWINGS. CONTRACTOR IS TO VERIFY CIRCUIT AVAILABILITY AND ADJUST CIRCUIT NUMBERS AS NEEDED. INCLUDE ALL CHANGES ON FIELD REDLINE SET.
- PATCH AND REPAIR OF ELECTRICAL ROOF PENETRATIONS IS TO BE THE RESPONSIBILITY OF ELECTRICAL CONTRACTOR, BUT ACTUAL WORK IS TO BE PERFORMED BY QUALIFIED PERSONNEL.
- ALL CIRCUITS TO BE MINIMUM #12 CU IN MINIMUM 3/4" CONDUIT UNLESS OTHERWISE NOTED.



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

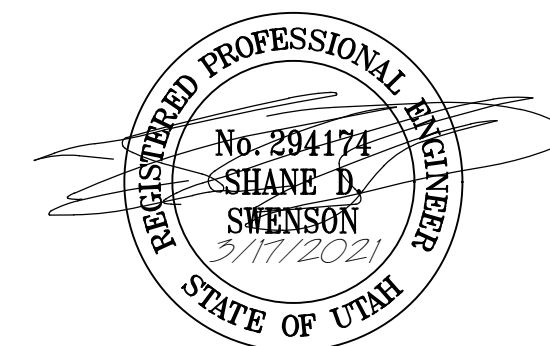


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POWER PLAN

E301

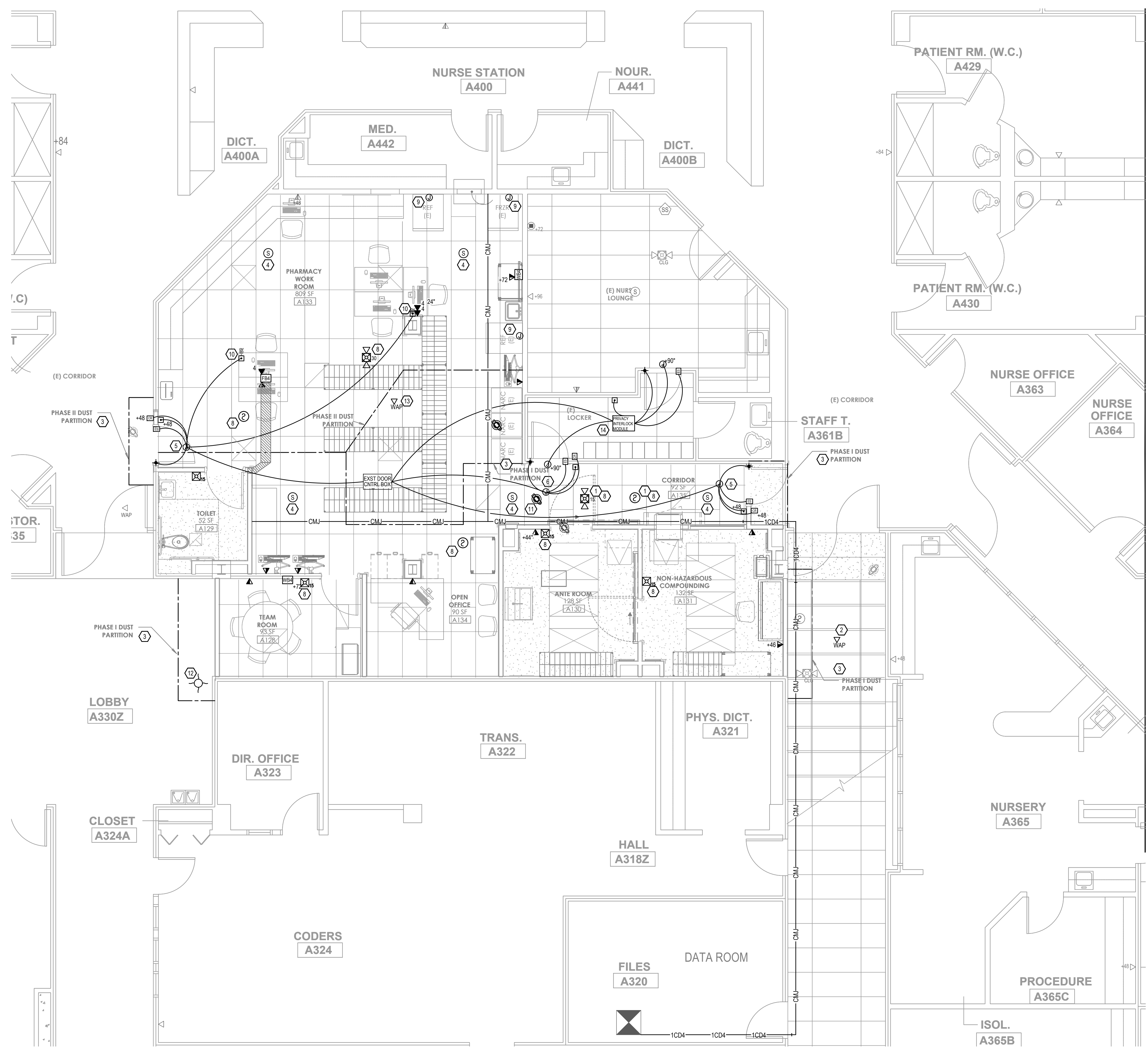


SHEET KEYED NOTES

- DEVICE INDICATED TO BE INSTALLED WITHIN 15'-0" OF END OF CORRIDOR PER NFPA 72.
- RE-INSTALL EXISTING WIRELESS ACCESS POINT REMOVED DURING DEMOLITION. REFER TO KEYED NOTE #17 ON SHEET ED101. COORDINATE WITH OWNERS I.T. PERSONNEL PRIOR TO ROUGH-IN.
- TEMPORARY PHASE PARTITION. PROVIDE ADDITIONAL MATERIAL AND LABOR AS NEED TO INCORPORATE PHASED DEMOLITION CONSTRUCTION IN PHARMACY. THIS INCLUDES, BUT IS NOT LIMITED TO, ADDITIONAL J-BOXES, CONDUIT, AND CONDUCTORS TO KEEP PHARMACY OPERATIONAL DURING CONSTRUCTION.
- RE-INSTALL SPEAKER REMOVED IN DEMOLITION PER KEYED NOTE #6 SHEET ED101. COORDINATE WITH OWNERS AUDIO PERSONNEL PRIOR TO ROUGH-IN. EXTEND SPEAKER WIRING TO NEW SPEAKER LOCATION.
- RELOCATE EXISTING SECURITY DOOR EQUIPMENT REMOVED DURING DEMOLITION PER EQUIPMENT REQUIREMENTS.
 - PROVIDE BOX FOR CARD READER
 - PROVIDE 4SD J-BOX ABOVE ACCESSIBLE CEILING
 - PROVIDE 3/4" CONDUIT FROM CARD READER TO CEILING J-BOX
 - RELEASE BUTTONS. PROVIDE 4SD BOX, RING AND 1/2" CONDUIT TO LOCATIONS INDICATED
 - PROVIDE 1/2" CONDUIT FROM CEILING BOX INTO DOOR FRAME FOR CONTACT SENSOR
 - PROVIDE 1" CONDUIT FROM CEILING BOX TO DOOR CONTROL BOX
- PROVIDE NEW ACCESS DOOR ROUGH-IN:
 - PROVIDE BOX FOR CARD READER
 - PROVIDE 4SD J-BOX ABOVE ACCESSIBLE CEILING
 - PROVIDE 3/4" CONDUIT FROM CARD READER TO CEILING J-BOX
 - RELEASE BUTTONS. PROVIDE 4SD BOX, RING AND 1/2" CONDUIT TO LOCATIONS INDICATED
 - PROVIDE 1/2" CONDUIT FROM CEILING BOX INTO DOOR FRAME FOR CONTACT SENSOR
 - PROVIDE 1" CONDUIT FROM CEILING BOX TO CARD READER CONTROLLER
- NOT USED.
- PROVIDE FIRE ALARM DEVICE INDICATED. CONTRACTOR, AT HIS OWN RISK, MAY REUSE FIRE ALARM DEVICES REMOVED DURING DEMOLITION GIVEN THAT THE DEVICES MEET THIS PROJECT'S SPECIFICATIONS. INTEGRATE DEVICE INTO EXISTING FIRE ALARM SYSTEM.
- PROVIDE J-BOX AND 1" CONDUIT TO NEAREST OPEN RACEWAY SYSTEM FOR TEMPERATURE ALARM WIRING.
- PROVIDE PATHWAY AND WIRING FOR REMOTE DOOR UNLOCK BUTTON.
- RELOCATE CAMERA REMOVED DURING DEMOLITION. SEE KEYED NOTE #14 SHEET ED101. FIELD VERIFY EXACT CAMERA LOCATION WITH OWNER'S SECURITY PERSONNEL PRIOR TO ROUGH-IN.
- COORDINATE RE-INSTALLATION OF CELLULAR COMMUNICATION EQUIPMENT REMOVED DURING DEMOLITION. REFER TO KEYED NOTE #7 ON SHEET ED101. PROVIDE PATHWAY FOR CABLES TO LOCATION INDICATED BY CELLULAR REP.
- PROVIDE NEW WIRELESS ACCESS POINT. COORDINATE WITH OWNERS I.T. PERSONNEL PRIOR TO ROUGH-IN.
- PROVIDE NEW PRIVACY DOOR INTERLOCK ROUGH-IN. REFER TO BATHROOM PRIVACY INTERLOCK SYSTEM PRIOR TO ROUGH-IN:
 - PROVIDE BOX FOR PRIVACY LOCK ACTIVATION. COORDINATE BUTTON LOCATION WITH EQUIPMENT SUPPLIER
 - MOUNT BATHROOM CONTROL MODULE ABOVE CEILING
 - PROVIDE 3/4" CONDUIT TO J-BOX MOUNT MOUNTED OVER EACH DOOR FOR OCCUPANCY LIGHT
 - PROVIDE 3/4" CONDUIT TO PHARMACY ACCESS DOOR SYSTEM FOR TIE INTO DOOR ACCESS SYSTEM
 - CIRCUIT TO DOOR ACCESS CIRCUIT SERVING PHARMACY.
 - PROVIDE 1/2" CONDUIT EACH FROM CEILING BOX INTO DOOR FRAME FOR CONTACT SENSOR AND DOOR RELEASE

GENERAL SHEET NOTES

- ALL COMMUNICATIONS INSTALLATIONS SHALL COMPLY WITH INTERMOUNTAIN HEALTH CARE ARCHITECTURAL REFERENCE MANUAL.
- ALL COMMUNICATIONS CABLING FOR COMMUNICATIONS AND OTHER ELECTRONIC SYSTEMS SHALL BE INSTALLED AND CERTIFIED BY SIEMENS APPROVED CONTRACTOR.
- SEE SYMBOL SCHEDULE AND COMMUNICATIONS RISER DIAGRAM FOR COMMUNICATIONS CABLING AND ROUGH-IN REQUIREMENTS.
- PROVIDE PUTTY PACKS ON DEVICES INSTALLED IN WALLS BORDERING PHARMACY SPACE. SEE DETAIL E1501 FOR ADDITIONAL INFORMATION.
- CANDELA RATINGS FOR STROBE DEVICES ARE MINIMUM REQUIRED VALUES. FIRE ALARM CONTRACTOR SHALL ADJUST MANUFACTURER'S STANDARD CANDELA RATINGS AS NECESSARY TO MEET OR EXCEED MINIMUM REQUIREMENTS.
- INTEGRATE NEW FIRE ALARM DEVICES INTO EXISTING SYSTEM. PROVIDE ALL UPGRADES TO EXISTING FIRE ALARM SYSTEM NEEDED FOR COMPLETE SYSTEM EXPANSION. COORDINATE WITH EQUIPMENT REPS PRIOR TO BID.
- ALL FIRE ALARM CONDUITS AND BOXES TO BE IDENTIFIED AS FOLLOWS:
 - CONCEALED: FACTORY APPLIED RED.
 - EXPOSED: FIELD PAINTED TO MATCH ADJACENT SURFACE.
- SMOKE DETECTORS SHALL NOT BE INSTALLED UNTIL AFTER CONSTRUCTION CLEAN-UP IS COMPLETED AND FINAL.
- PROVIDE SYNCHRONIZATION OF ALL VISUAL NOTIFICATION APPLIANCE CIRCUITS. PROVIDE ALL REQUIRED SYNC MODULES. PROVIDE A MULTI-SYNC MODE SLAVE CONNECTION BETWEEN ALL SYNC MODULES.
- DESIGN AND FIELD VERIFY AUDIBILITY SETTINGS OF NOTIFICATION APPLIANCES. FIELD MEASURE SOUND PRESSURE LEVELS AND REPLACE HORN-STROBES WITH STROBE ONLY DEVICES WERE REQUIRED.
- NEW DEVICES SHOWN ON EXISTING WALLS SHALL FINISH FLUSH WITH WALL UNLESS OTHERWISE NOTED. CUT, PATCH AND REPAIR SURFACES AS REQUIRED.
- PROVIDE NEW COMMUNICATIONS CABLES FROM DATA ROOM TO DEVICE SERVED. DO NOT RE-USE EXISTING COMMUNICATION CABLES UNLESS CABLES MEET CURRENT IHC STANDARDS.
- EXISTING SECURITY DOOR ACCESS SYSTEM IS CURRENTLY BEING UPGRADED UNDER A SEPARATE CONTRACT BY CONVERGENT. COORDINATE ALL SECURITY DOOR ACCESS CONTROL ROUGH-IN WITH SECURITY CONTRACTOR.



Intermountain Healthcare
Cassia Regional Medical Center
Pharmacy Remodel (USP 797)

1501 Highland Avenue
 Burley, Idaho 83318

NJRA Project # 19228.04
 Construction Documents MARCH 17, 2021

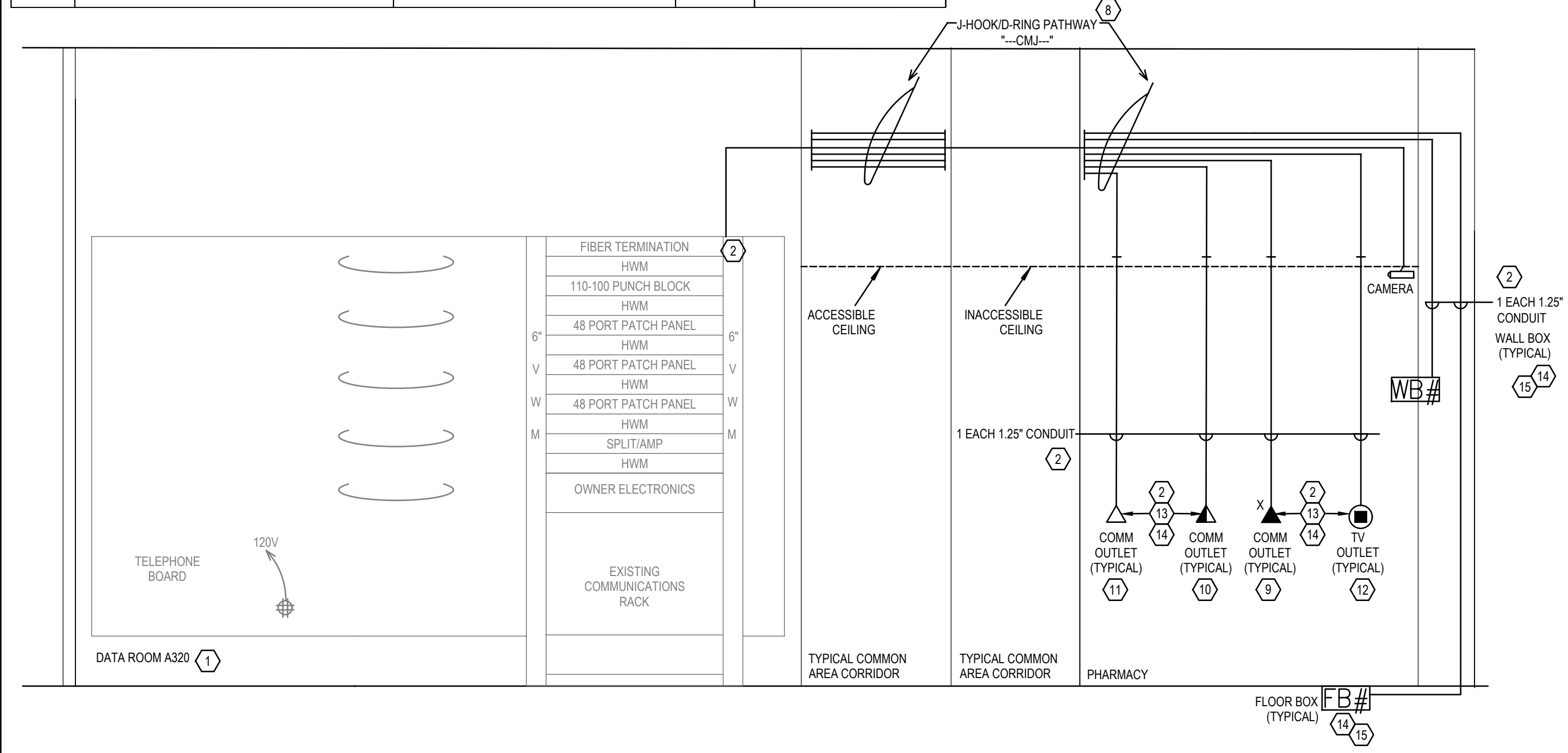
ELECTRONIC SYSTEMS PLAN

E401



COMMUNICATIONS RACEWAY SCHEDULE				
SYMBOL	DESCRIPTION	MANUFACTURER	MODEL	ACCESSORIES
CM	CABLE HOOKS, 4" RETAINING CLIP QUANTITY AS REQUIRED FOR CURRENT CABLING PLUS 50% SPARE CAPACITY	COOPER BLINE	BC484 SERIES (OR EQUIVALENT)	RETAINER (BC484) OTHER ACCESSORIES AS REQUIRED
OB	9" SQUARE X 2 7/8" DEEP 3/4" MUD RING (1" OR 2" GANG AS NOTED)	STEEL CITY	82181T-1 SERIES 82C-15-3/4 (OR EQUIVALENT)	

FLOOR, TABLE, AND WALL BOX SCHEDULE					
SYMBOL	DESCRIPTION	MANUFACTURER	MODEL	COLOR	DEVICES
FB4	MULTI-SERVICE, X-LARGE CAPACITY FLOOR BOX; STEEL, FLUSH-IN-USE, CUTOUT COVER, COLOR PER OWNER/ARCHITECT	WIREMOLD	RF8110GRFB118TCCX OR EQUIVALENT WITH PRIOR APPROVAL	PER ARCHITECT	TWO QUADPLEX-FOUR COMMUNICATIONS INFRASTRUCTURE FOR REMOTE DOOR OPENER
WB4	MULTI-SERVICE, WALL BOX; STEEL, FLUSH-IN-USE, RECESS MOUNT IN WALL; COVER FIELD PAINTED CUSTOM COLOR AS SELECTED BY OWNER/ARCHITECT	WIREMOLD	EF582 OR EQUIVALENT WITH PRIOR APPROVAL	PER ARCHITECT	ONE DUPLEX-TWO COMMUNICATIONS-ONE COAX



DETAIL GENERAL NOTES

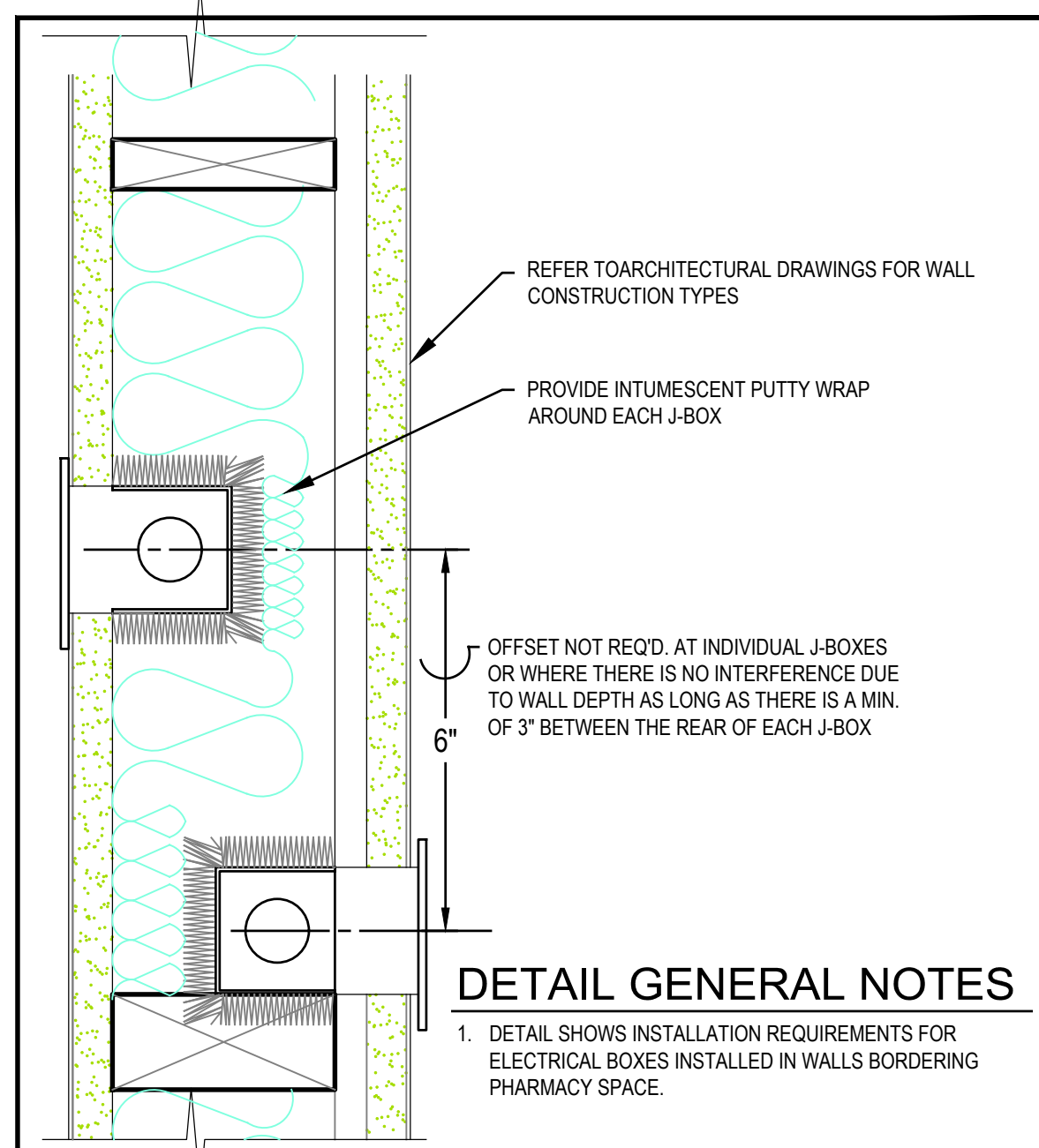
- ALL FEEDERS AND COMMUNICATIONS RACEWAYS TO BE ROUTED OVERHEAD UNLESS OTHERWISE NOTED.
- ALL INSTALLATIONS TO COMPLY WITH TIA/EIA STANDARD 568B FOR CAT 6A FIUTP CABLE.
- ALL INSTALLATIONS TO BE CAT 6A FIUTP PLENUM RATED CABLING.
- ALL INSTALLATIONS TO BE SIEMONS CERTIFIED FOR CAT 6A FIUTP SYSTEMS. ONLY SIEMONS AND INTERMOUNTAIN APPROVED INSTALLERS ARE APPROVED TO BE COMMUNICATIONS INSTALLATIONS.
- ALL STATION OUTLETS AND ASSOCIATED CABLING AND DATA RACKS, RACEWAYS, PUNCH BLOCKS, PATCH PANELS, AND CROSS CONNECTS PROVIDED BY CONTRACTOR. ELECTRONICS BY OWNER.
- PROVIDE INTERMOUNTAIN STANDARD OUTLET PLATES AT EACH OUTLET WITH PROVISIONS FOR (4) JACKS IN EACH OUTLET. FILL UNUSED SPACES WITH BLANK INSERTS.
- FOLLOW INTERMOUNTAIN IDENTIFICATION STANDARDS FOR ALL NEW INSTALLATIONS. COORDINATE WITH INTERMOUNTAIN VOICE AND DATA PERSONNEL.
- PROVIDE (1) PATCH CORD FOR EACH NEW CABLEPORT INSTALLED. FIELD VERIFY LENGTHS.
- COMMUNICATIONS SYSTEMS INSTALLATIONS SHALL BE BID THROUGH THE ELECTRICAL CONTRACTOR, BUT THE PRICE AND BIDDERS SHALL BE BROKEN OUT SEPARATELY BY BIDDER.
- CONTRACTOR SHALL TEST ALL COPPER RUNS TO VERIFY DB LOSSES AND SHALL PROVIDE TEST RESULTS TO OWNER AND ENGINEER.
- CONTRACTOR SHALL SUPPLY AUTOCAD DRAWINGS OF ALL JACK LOCATIONS WITH IDENTIFIER TO OWNER.
- PROVIDE WIDE SWEEP BENDS FOR ALL CONDUITS.
- PROVIDE CONNECTORS WITH INSULATED THROATS OR PLASTIC BUSHINGS ON ALL CONDUIT ENDS. SEE KEY NOTE FOR BONDING BUSHING REQUIREMENTS.
- ALL COMMUNICATIONS CABLING FOR AUXILIARY SYSTEMS (CHART CALL, SECURITY, ETC) TO BE INSTALLED BY COMMUNICATIONS CONTRACTOR.
- ALL COMMUNICATIONS INSTALLATIONS SHALL COMPLY WITH INTERMOUNTAIN HEALTHCARE'S DIVISION 27 NETWORK STRUCTURED CABLE SPECIFICATIONS (INCORPORATED BY REFERENCE) AND THIS PROJECT'S SPECIFICATIONS.
- EQUIPMENT BONDING CONNECTIONS SHOWN DAISY CHAINED FOR DRAWING CLARITY. ALL RACKS, EQUIPMENT FRAMES, FURNITURE, FLOORING, DUCTWORK AND BACKBONE CONDUITS SHALL BOND DIRECTLY TO THE ROOM GROUNDING BUS.
- PROVIDE IDENTIFICATION FOR CABLING, JACKS, EQUIPMENT, ETC. PER OWNER STANDARDS.
- PROVIDE PATCH CABLES (SIEMON ZM6A-S SERIES) WITH LENGTHS AS REQUIRED.

DETAIL KEYED NOTES

- ROUTE CABLES TO EXISTING COMMUNICATION RACK IN DATA ROOM A320.
- PROVIDE ELECTRICALLY BONDED RACEWAY SYSTEM BOND COMM DEVICE CONDUITS TO COMM RACK, GROUND BUS ETC. WHERE OUTLETS STUB TO ACCESSIBLE CEILING, BOND DEVICE BOX/CONDUIT TO ADJACENT ELECTRICAL OUTLET. COMPLY WITH IEC60364-5-52 AND ANSII-STD-607-B.
- NOT USED.
- NOT USED.
- NOT USED.
- NOT USED.
- NOT USED.
- PROVIDE J-HOOKS/ID-RINGS 4" ON CENTER ALONG PATHS SHOWN ON SHEET E401.
- PROVIDE (3) DATA JACKS WITH (1) CAT 6A FIUTP CABLE PER JACK FROM DATA RACK TO EACH COMPLETELY FILLED TRIANGLE OUTLET SHOWN ON FLOOR PLANS. WHERE OUTLETS HAVE A NUMERICAL SUPERSCRIP, PROVIDE "X" QUANTITY OF JACKS AND CABLES WHERE "X" IS THE ASSOCIATED SUPERSCRIP NUMBER.
- PROVIDE (2) DATA JACKS WITH (1) CAT 6A FIUTP CABLE PER JACK FROM DATA RACK TO EACH HALF-FILLED TRIANGLE OUTLET SHOWN ON FLOOR PLANS.
- PROVIDE (1) DATA JACK WITH (1) CAT 6A FIUTP CABLE FROM DATA RACK TO EACH EMPTY TRIANGLE OUTLET SHOWN ON FLOOR PLANS.
- PROVIDE (2) F-CONNECTORS WITH (2) RG-6 COAX CABLES FROM TV OUTLET TO EACH TV OUTLET SHOWN ON PLAN.
- PROVIDE "OUTLET BOX" FOR OUTLETS. SEE E4 SERIES SHEETS FOR LOCATIONS AND COUNTS. TV OUTLETS SHOWN ADJACENT TO COMM OUTLETS ON FLOOR PLAN MAY BE COMBINED INTO THE SAME BOX/RACEWAY/FACEPLATE.
- PROVIDE 4-PORT MODULAR FACEPLATE FOR EACH COMMUNICATIONS OR TV OUTLET SHOWN. PROVIDE (1) 6A FIUTP RJ-45 ANGLED JACK FOR EACH VOICE OR DATA CABLE TERMINATED IN OUTLET OR (1) ANGLED F-CONNECTOR FOR EACH COAX CABLE. PROVIDE BLANK INSERTS FOR UNUSED PLATE OPENINGS. PROVIDE ADDITIONAL GANGS WHERE MORE THAN 4 DEVICES ARE REQUIRED. PLATES TO BE SIEMON 100M-FPS SERIES WITH COLOR TO MATCH OUTLETS IN SPACE. JACKS TO BE SIEMON ZM6A-SX SERIES.
- PROVIDE CAT 6A FIUTP AND RG-6 COAX CABLING AND JACKS TO FLOOR/WALL BOX. SEE FLOOR, TABLE, AND WALL BOX SCHEDULE FOR QUANTITY OF PORTS.

COMMUNICATIONS RISER DIAGRAM

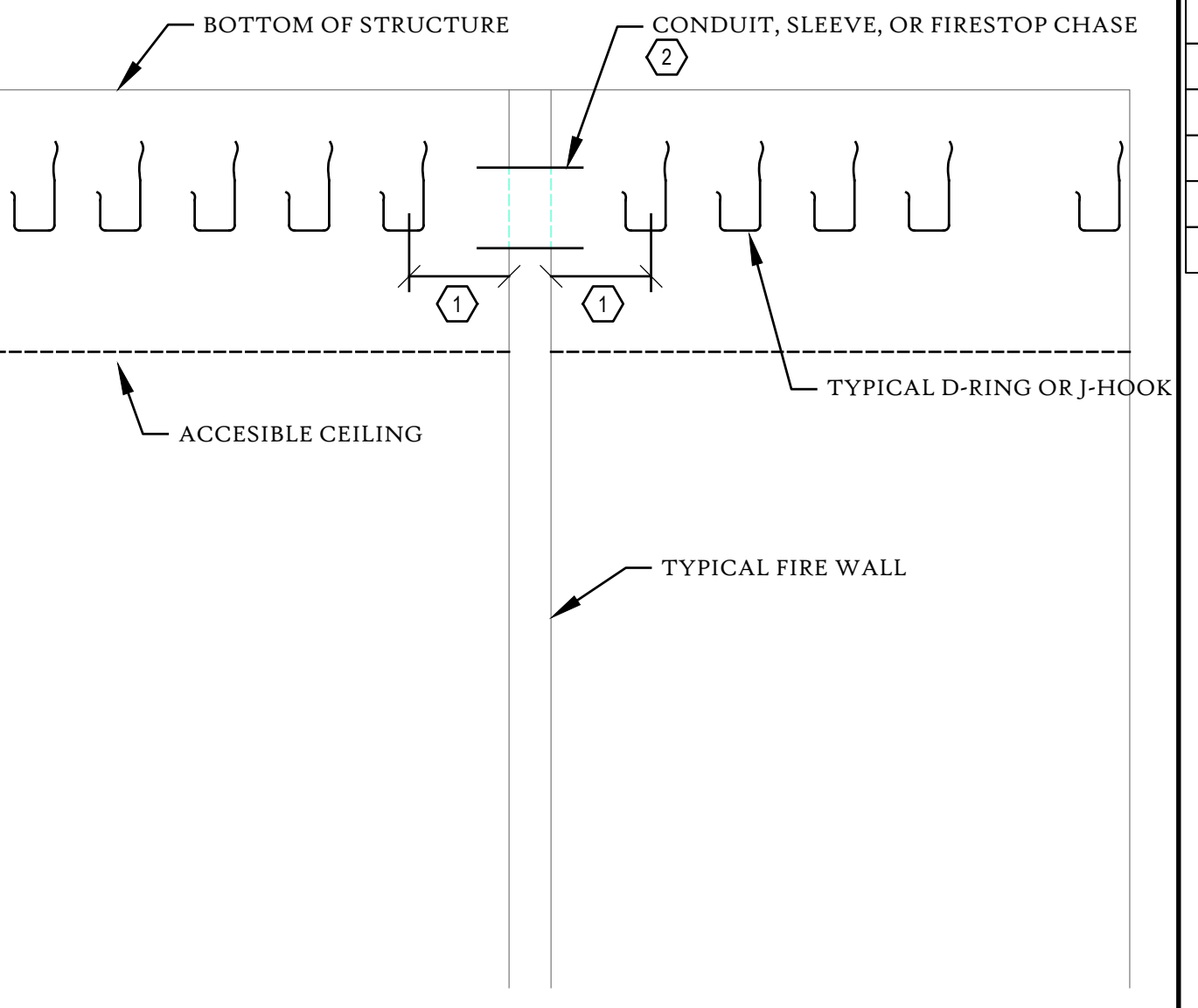
SCALE: NTS



BOX DETAIL: COMMON STUD SPACE
NO SCALE

LIGHT FIXTURE SCHEDULE					
TYPE	MANUFACTURER/CATALOG NO.	DESCRIPTION	MOUNTING	POWER	LAMPS
CF- LBK	COOPER CLMF-12-4-OLA-P12125-LD4-2H-40K-UNV-ED10-1-4MA NEW STAR SCR14-HC-OC-L3-40-1C-UN-DM1 DIMMABLE DRIVER, ANTI-MICROBIAL	SEALED, CLEANROOM RATED FIXTURE, OVERLAPPING DOOR, 0-10 DIMMABLE TO 1% 120/277 V DRIVER 0.125" MINIMUM POLYCARBONATE LENS, MULTI-VOLT, ELECTRONIC, DIMMABLE DRIVER, ANTI-MICROBIAL	FLANGE COORDINATE FRAMING FOR RECESS MOUNTING W/ GENERAL CONTRACTOR	90 W	8000 LUMEN NOMINAL LED 4000K
EX- 1	SURE-LITES CX6-1 OR EQUIVALENT	EXIT SIGN; SINGLE FACE, UNIVERSAL MOUNTING; DIE CAST ALUMINUM HOUSING.	WALL OR CEILING 1-FACE	3W	LED
IR- L4K IR- L4K(B)	METALUX 22AC-LD5-38-UNV-L840-CD2/MOD1 DRIVER EM1 DRIVER NORMAL-U OR EQUIVALENT	2X2 VOLUMETRIC LED DUAL, 0-10V DIMMABLE 120/277 VOLT DRIVER-1 DRIVER NORMAL SOURCE/1 DRIVER EM SOURCE	GRID	34 W	4000 LUMEN NOMINAL LED 4000K
IR- L5K	METALUX 24AC-LD5-48-UNV-L840-CD1-U OR EQUIVALENT	2X4 VOLUMETRIC LED; 0-10V DIMMABLE; 120/277 VOLT DRIVER	GRID	46.5 W	5000 LUMEN NOMINAL LED 4000K
IR- L7K	METALUX 28AC-LD5-68-UNV-L840-CD2/MOD1 DRIVER EM1 DRIVER NORMAL-U OR EQUIVALENT	2X4 VOLUMETRIC LED; DUAL, 0-10V DIMMABLE TO 1% 120/277 VOLT DRIVER-1 DRIVER NORMAL SOURCE/1 DRIVER EM SOURCE	GRID	65.1 W	8600 LUMEN NOMINAL LED 4000K
RL- L1K	GOTHAM EVO40-10-6AR-MD-LD-MVOLT OR EQUIVALENT	RECESSED CAN; LED LAMPING; CLEAR, OPEN, SEMI-SPECULAR CONE; 6" NOMINAL OPENING; SELF-FLANGED TO MATCH CONE; DIMMABLE	RECESS	12 W	1000 LUMEN NOMINAL LED 4000K
RL- L15	GOTHAM EVO6-10-15-6AR-MD-LD-MVOLT OR EQUIVALENT	RECESSED CAN; LED LAMPING; CLEAR, OPEN, SEMI-SPECULAR CONE; 6" NOMINAL OPENING; SELF-FLANGED TO MATCH CONE; DIMMABLE	RECESS	14.7 W	1500 LUMEN NOMINAL LED 4000K
WB- L2K	COOPER 28CLED-LD4-20SL-F-UNV-L840-CD1-U OR EQUIVALENT	LED WALL BRACKET; MULTI-VOLT, ELECTRONIC, DIMMABLE	WALL CENTERED ABOVE MIRROR	23 W	2000 LUMEN NOMINAL LED 4000K

MECHANICAL EQUIPMENT SCHEDULE									
SYM	DESCRIPTION	LOAD	VOLTS	PHASE	FIRE ALARM BIFUNCTION	CONTROL CIRCUITS BY	* STARTER BY	SAFETY DISCONNECT BY	REMARKS
F- 1	FAN	1 HP	208V	1 PHASE	NO	MECH	MECH	MECH	
FFU- 1	FAN FILTER UNIT - COMPOUNDING ROOM	1/3 HP	120V	1 PHASE	NO	MECH	EQUIP	MECH	
FFU- 2	FAN FILTER UNIT - COMPOUNDING ROOM	1/3 HP	120V	1 PHASE	NO	MECH	EQUIP	MECH	
FFU- 3	FAN FILTER UNIT - COMPOUNDING ROOM	1/3 HP	120V	1 PHASE	NO	MECH	EQUIP	MECH	
FFU- 4	FAN FILTER UNIT - ANTE ROOM	1/3 HP	120V	1 PHASE	NO	MECH	EQUIP	MECH	
FFU- 5	FAN FILTER UNIT - ANTE ROOM	1/3 HP	120V	1 PHASE	NO	MECH	EQUIP	MECH	
FFU- 6	FAN FILTER UNIT - ANTE ROOM	1/3 HP	120V	1 PHASE	NO	MECH	EQUIP	MECH	
VR- 1	VAV BOX - COMPOUNDING ROOM		120V	1 PHASE	NO	MECH	EQUIP	ELEC	LOW VOLTAGE TRANSFORMER AND SECONDARY WIRING BY MECHANICAL CONTRACTOR. PROVIDE PRIMARY WIRING AND J-BOX CENTERED BETWEEN EVERY TWO VAV UNITS. PROVIDE CONNECTION TO LINE SIDE OF TRANSFORMER.
VR- 2	VAV BOX - ANTE ROOM		120V	1 PHASE	NO	MECH	EQUIP	ELEC	LOW VOLTAGE TRANSFORMER AND SECONDARY WIRING BY MECHANICAL CONTRACTOR. PROVIDE PRIMARY WIRING AND J-BOX CENTERED BETWEEN EVERY TWO VAV UNITS. PROVIDE CONNECTION TO LINE SIDE OF TRANSFORMER.
VR- 3	VAV BOX - TEAM ROOM		120V	1 PHASE	NO	MECH	EQUIP	ELEC	LOW VOLTAGE TRANSFORMER AND SECONDARY WIRING BY MECHANICAL CONTRACTOR. PROVIDE PRIMARY WIRING AND J-BOX CENTERED BETWEEN EVERY TWO VAV UNITS. PROVIDE CONNECTION TO LINE SIDE OF TRANSFORMER.
WB- (EX)	EXISTING VAV BOX - TEAM ROOM		120V	1 PHASE	NO	MECH	EQUIP	ELEC	LOW VOLTAGE TRANSFORMER AND SECONDARY WIRING BY MECHANICAL CONTRACTOR. PROVIDE PRIMARY WIRING AND J-BOX CENTERED BETWEEN EVERY TWO VAV UNITS. PROVIDE CONNECTION TO LINE SIDE OF TRANSFORMER.

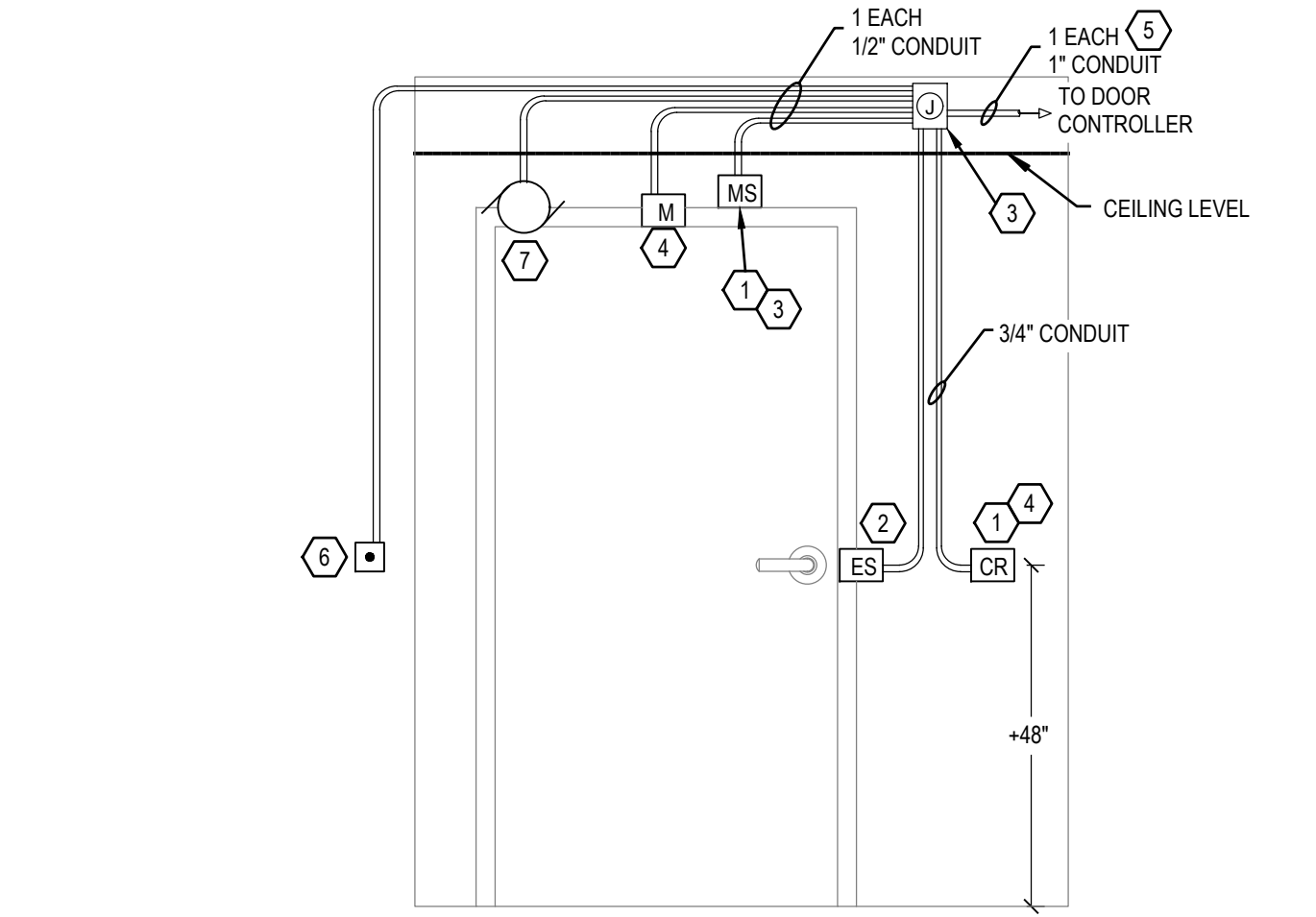


DETAIL KEYED NOTES

- FIRST HOOKING TO BE INSTALLED WITHIN 12" OF WALL PENETRATION.
- PROVIDE WALL PENETRATIONS AS SPECIFIED. SEAL AROUND PENETRATION AS REQUIRED. PROVIDE STI EZ PATH SERIES 44 FIRE-STOP SYSTEM (OR EQUIVALENT) FOR CABLING THROUGH FIRE RATED WALLS. PROVIDE QUANTITY OF SLEEVES AS REQUIRED FOR CURRENT CABLING PLUS 50% SPARE CAPACITY, UNLESS INDICATED OTHERWISE.

SYSTEMS OPEN RACEWAY WALL PENETRATION DETAIL

SCALE: NTS



DETAIL KEYED NOTES

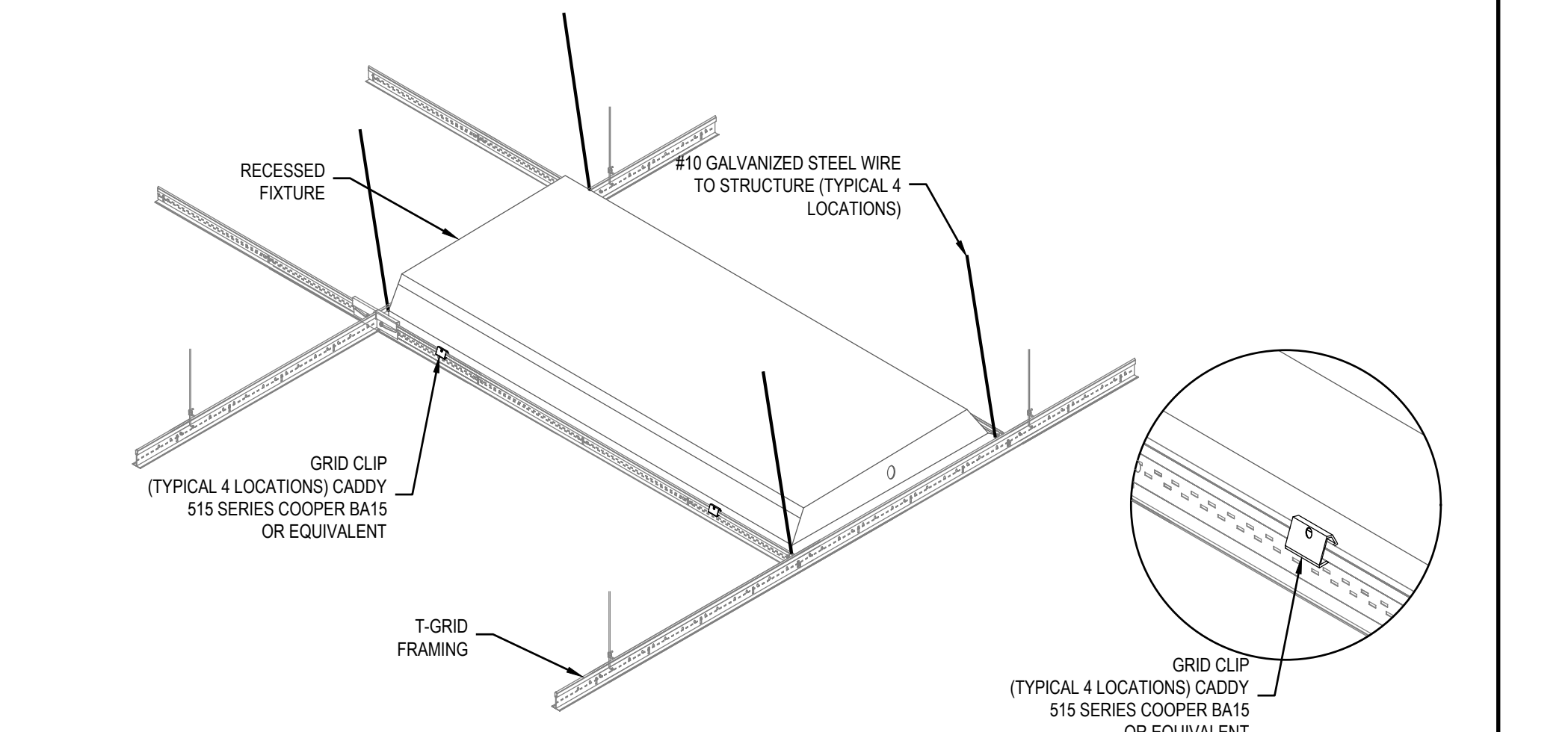
- PROVIDE J-BOX WITH MUD-RING AND CONDUIT AS SHOWN TO ABOVE CEILING J-BOX. CARD READER BOX AND MUD-RING SHALL BE SIZED AS REQUIRED BY SYSTEM VENDOR.
- PROVIDE CONDUIT STUB INTO DOOR FRAME. FOR EACH ELECTRICAL STRIKE OR CONDUIT TO MAG HOLDER ASSEMBLY. SEE ELECTRONIC SYSTEMS PLAN FOR TYPE USED AT EACH DOOR.
- LOCATE ON CONTROLLED SIDE OF DOOR. REFER TO FLOOR PLAN FOR LOCATIONS/COUNTS.
- SEE FLOOR PLAN FOR COUNTS/LOCATIONS. MULTIPLE CARD READERS AT SAME DOOR SHALL CONNECT TO SAME J-BOX EACH WITH SEPARATE CONDUITS.
- PROVIDE HOME-RUN TO SECURITY SYSTEM HEAD-END LOCATION.
- PROVIDE INTERFACE TO REMOTE RELEASE BUTTON WHEN INDICATED ON DRAWINGS.
- PROVIDE INTERFACE TO AUTOMATIC DOOR OPENER FOR OPENER TO ACTIVATE WITH REMOTE RELEASE BUTTON AND WITH POSITIVE CARD SWIPE. SEE E4 SHEETS FOR LOCATIONS.

DETAIL GENERAL NOTES

- EXTEND EXISTING SECURITY CABLING TO NEW LOCATION.
- REINSTALL CARD READERS, STRIKES, MOTION SENSORS AND OTHER SECURITY HARDWARE REMOVED DURING DEMOLITION.
- COORDINATE ALL CONDUIT AND BOX LOCATIONS WITH OWNER PRIOR TO ROUGH-IN.

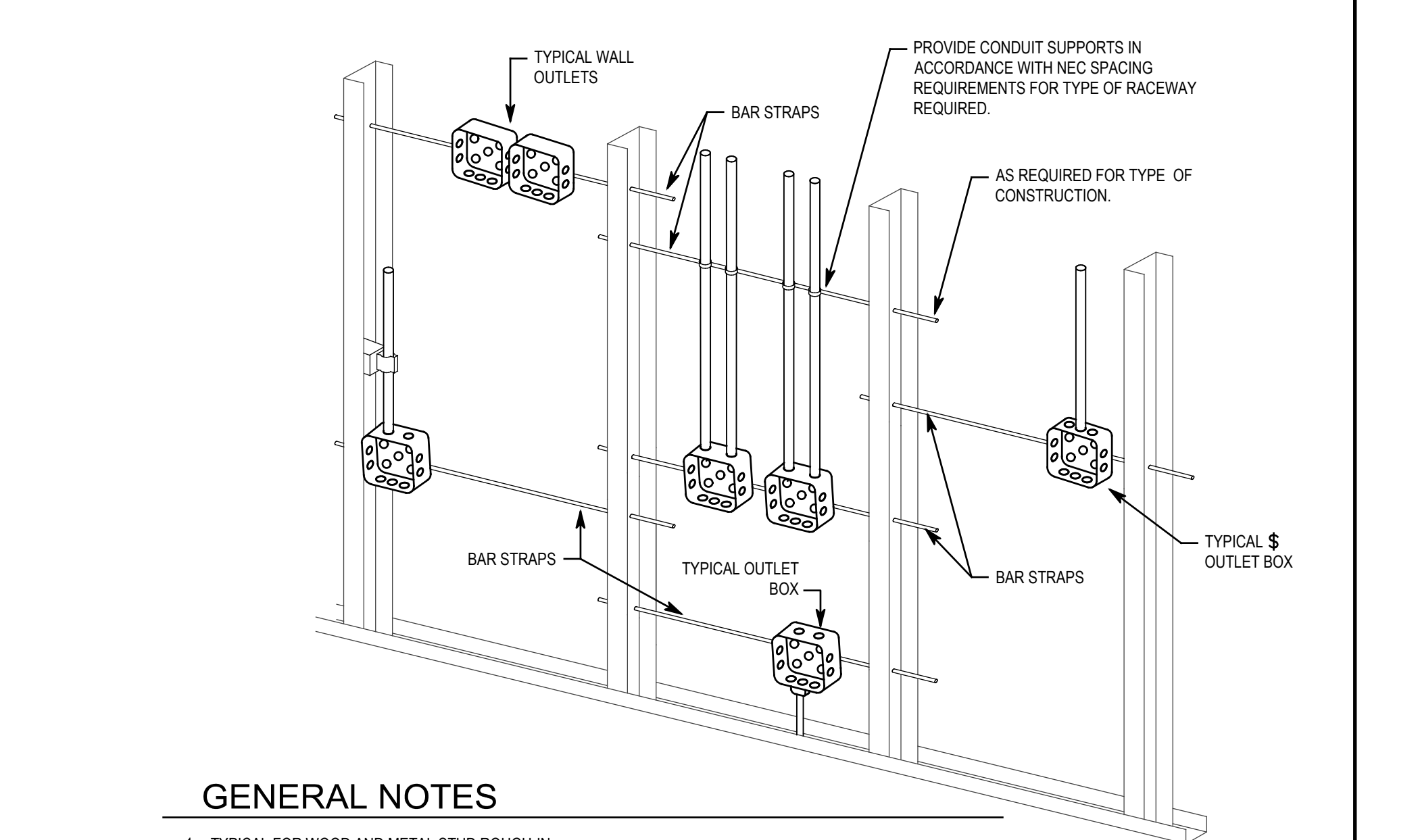
ACCESS CONTROL DOOR STRIKE-IN DETAIL

SCALE: NTS



SEISMIC SUPPORT DETAIL

SCALE: NTS



GENERAL NOTES

- TYPICAL FOR WOOD AND METAL STUD ROUGH-IN.
- PLASTER RINGS NOT SHOWN.
- LOCATE ALL OUTLET BOXES IN ACCORDANCE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND WITH ALL APPLICABLE SHOP DRAWINGS.
- OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS IN THE SAME STUD SPACE IN A RATED FIRE SEPARATION WALL MUST BE SEPARATED BY A MINIMUM OF 24" HORIZONTAL DISTANCE.
- IN NON-RATED WALLS, OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS MUST BE SEPARATED BY 16" FOR SOUND ATTENUATION.

TYPICAL ROUGH-IN REQUIREMENTS DETAIL

SCALE: NTS