

742 S Harrison Blvd.
Ogden, UT 84404

Construction Documents



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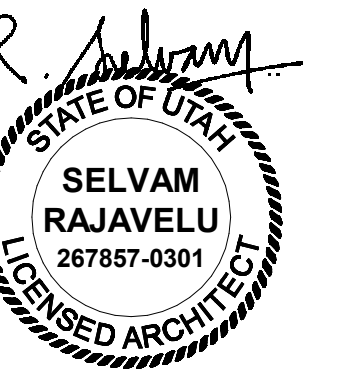
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Owner
Utah School for the Deaf and Blind
Activity Center

Ogden, UT 84404

UJRA Project #	27707.00
Construction Documents	Sept 02, 2022

Cover Sheet

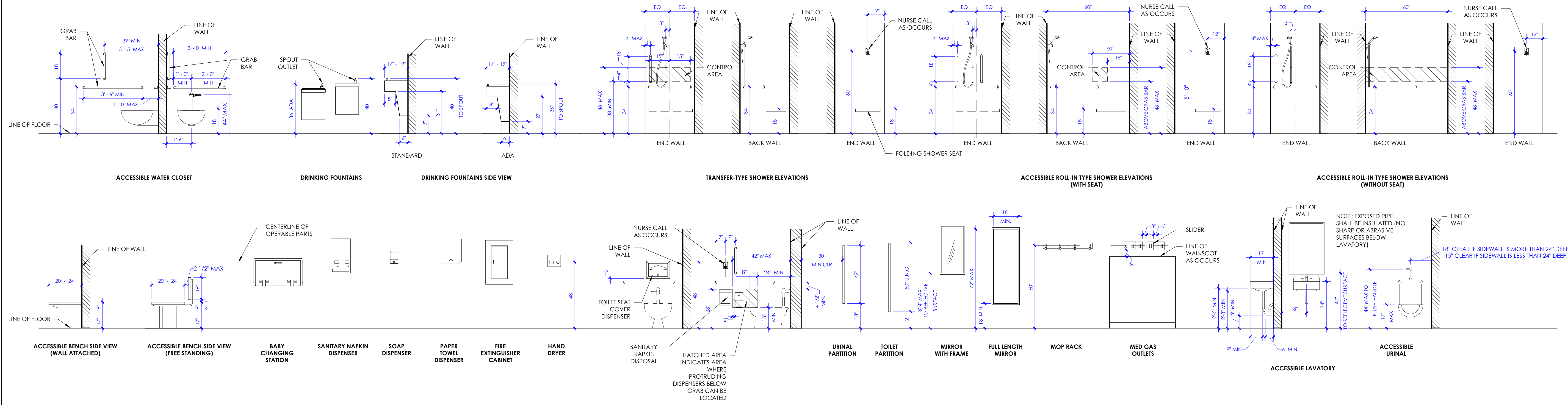
G001

PROJECT DESCRIPTION
THIS PROJECT INCLUDES THE FOLLOWING SCOPE OF WORK:
A. - Renovation of Utah School for Deaf and Blind. Demolition and remodel of restrooms. Application of window treatments, kitchen update/remodel, and update of floor/wall finishes.

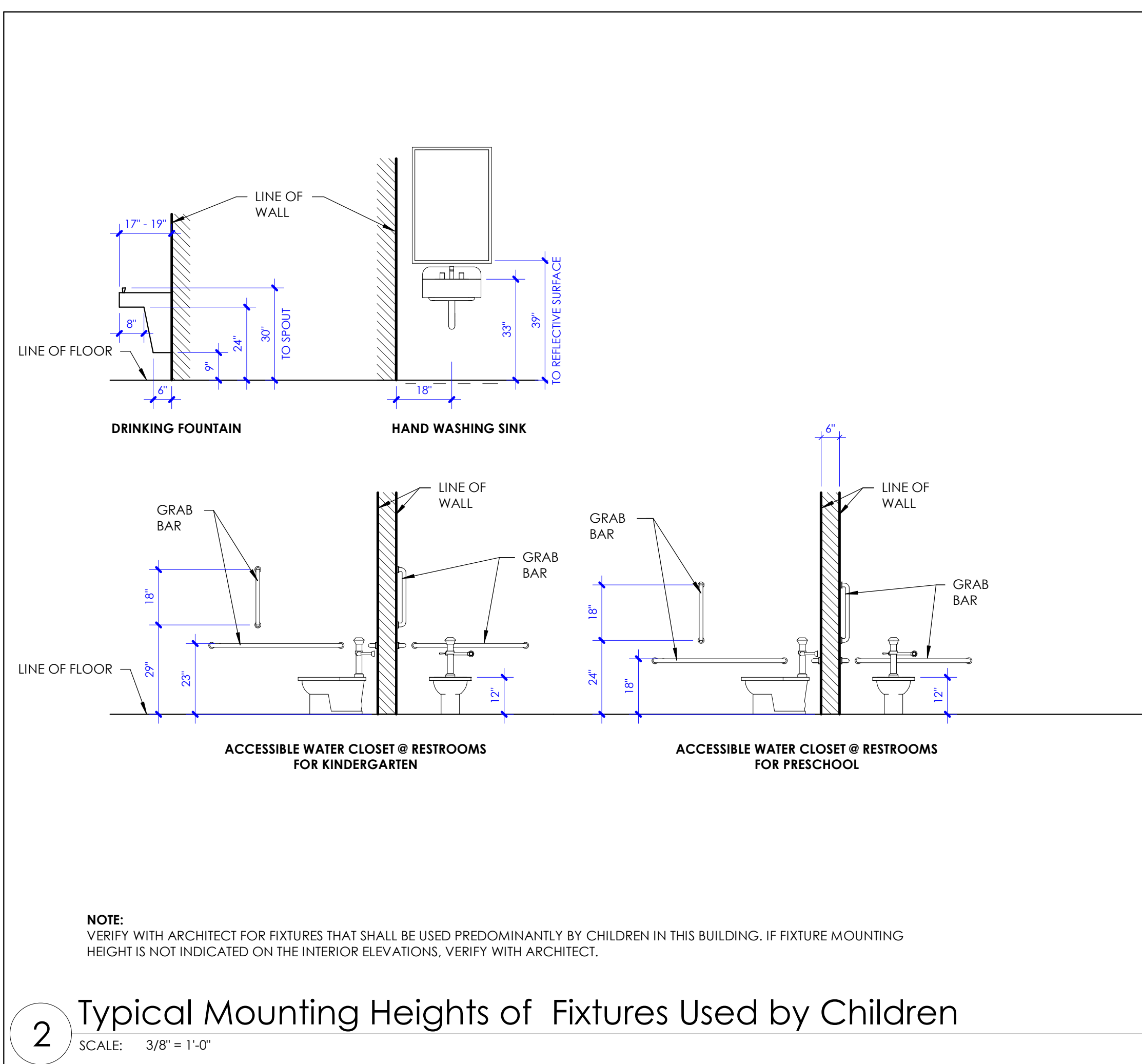
APPROVALS

Approvers Name, Title	Date
Approvers Name, Title	Date
Approvers Name, Title	Date
Approvers Name, Title	Date

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



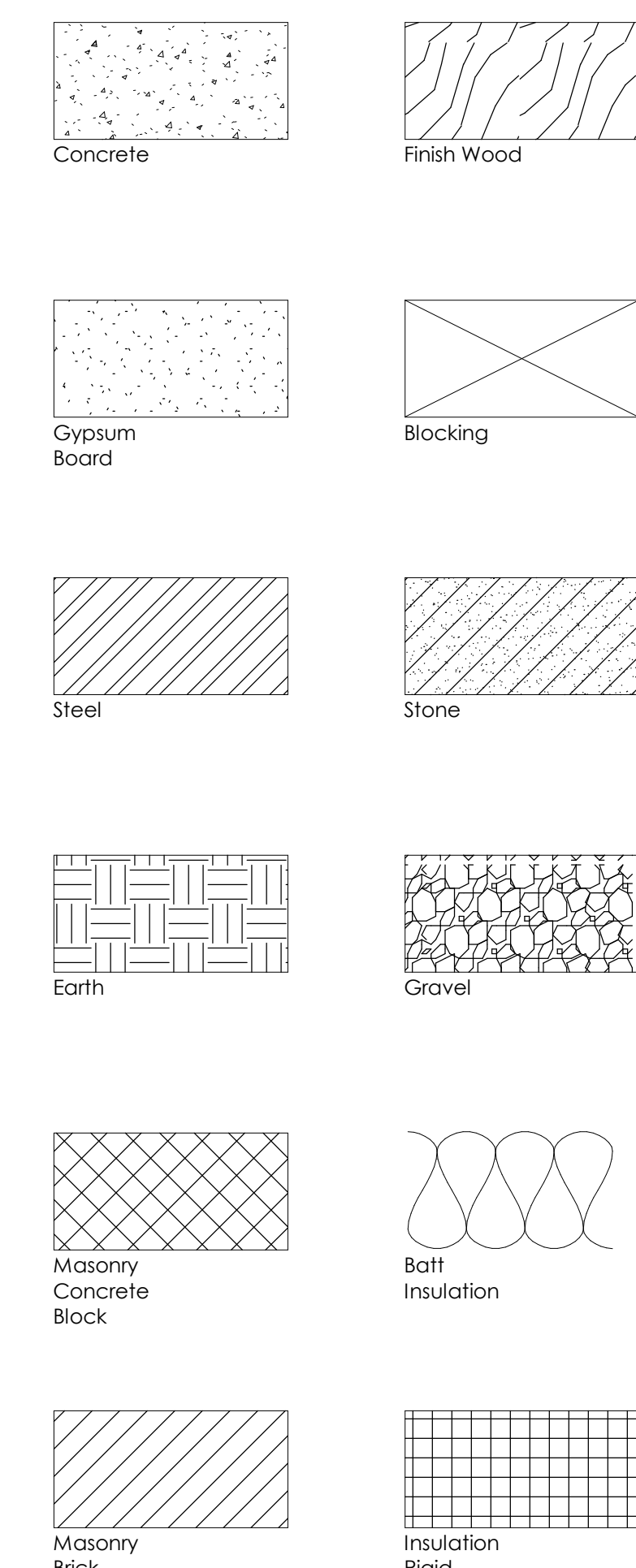
1 Typical Mounting Heights
SCALE: 3/8" = 1'-0"



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

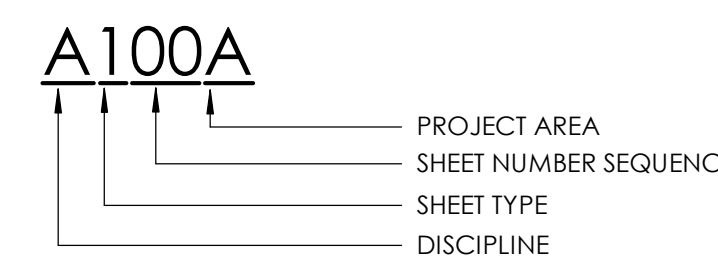
LEGEND - MATERIALS

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

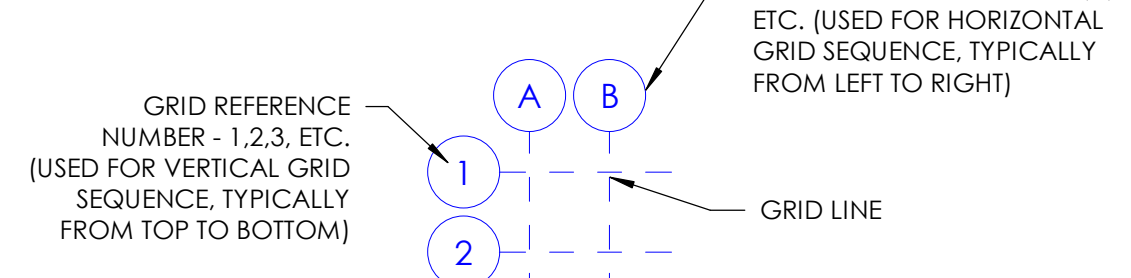


GENERAL INFORMATION SYMBOLS & TAGS

SHEET NUMBERING SYSTEM



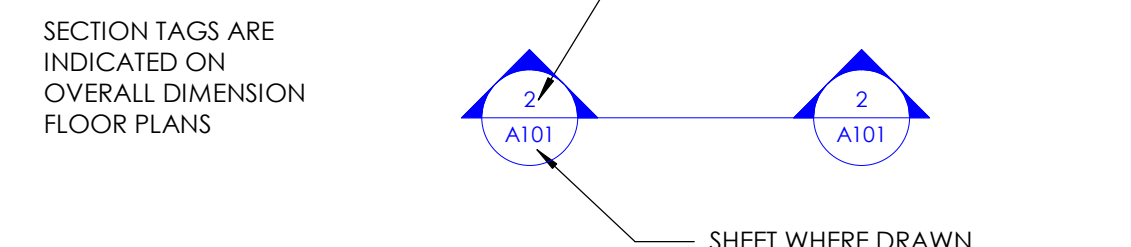
GRID TAG



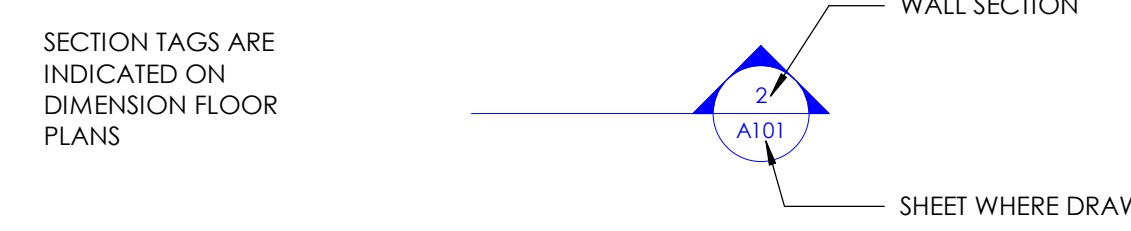
NORTH ARROW



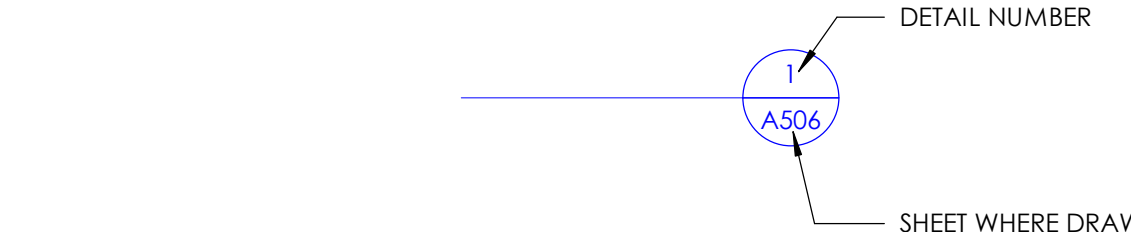
BUILDING SECTIONS



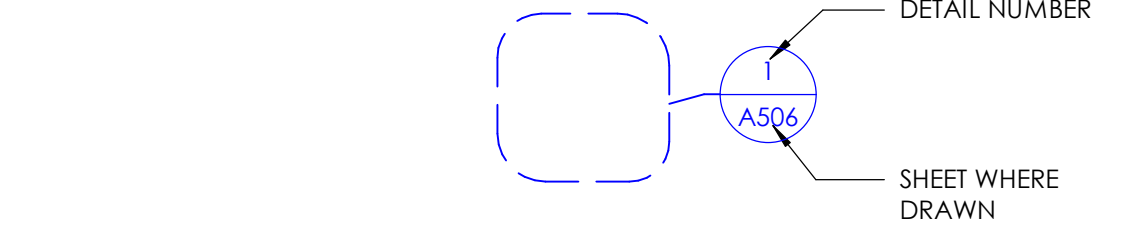
WALL SECTIONS



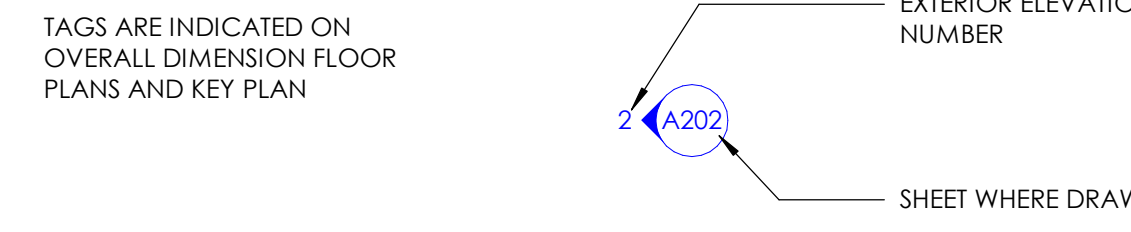
DETAIL TAGS



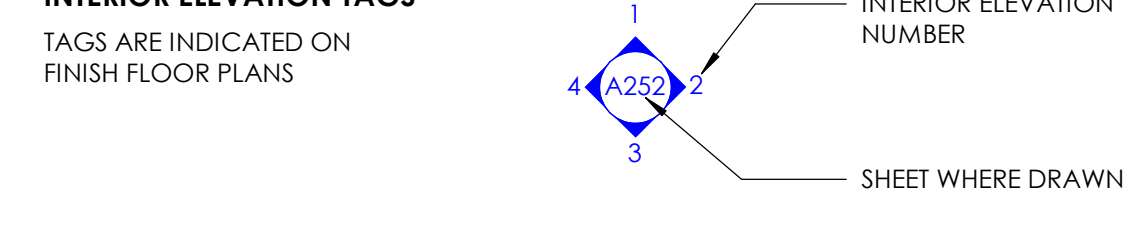
DETAIL TAGS



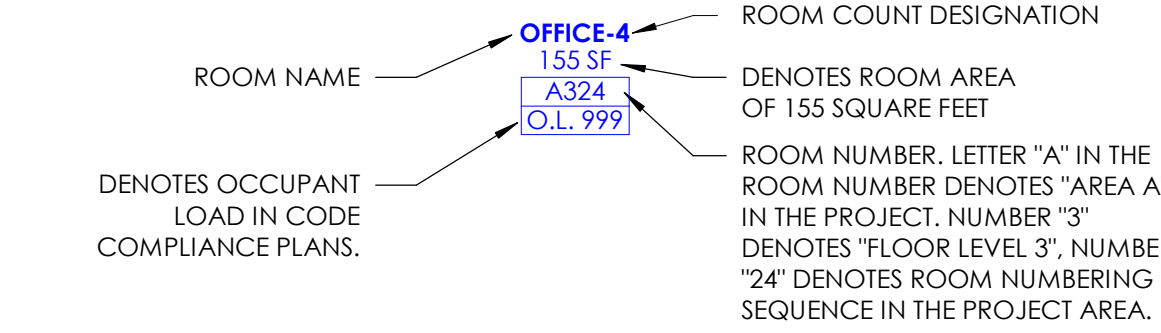
EXTERIOR ELEVATION TAGS



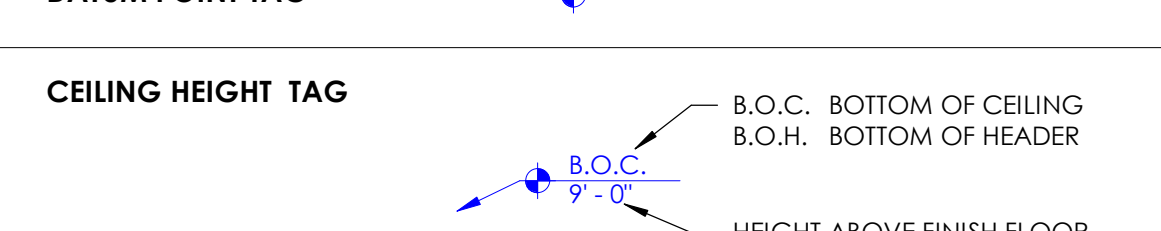
INTERIOR ELEVATION TAGS



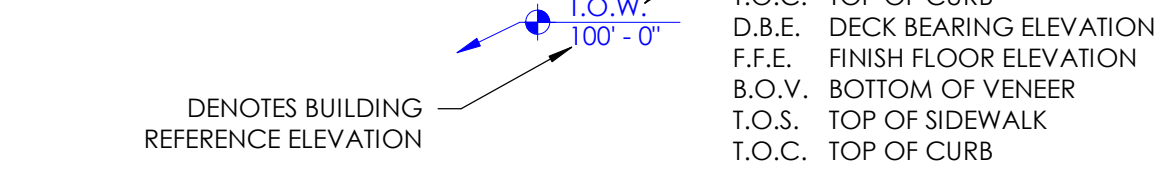
ROOM TAG



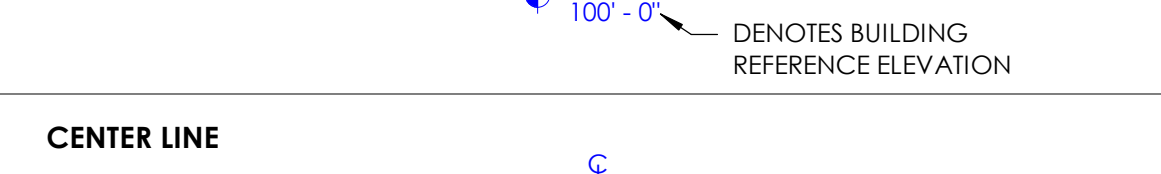
DATUM POINT TAG



CEILING HEIGHT TAG



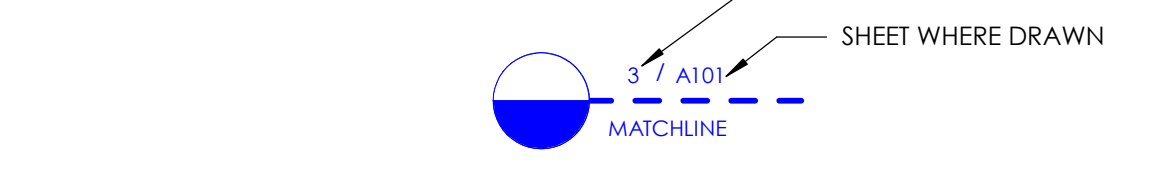
SPOT ELEVATION



VERTICAL ELEVATION



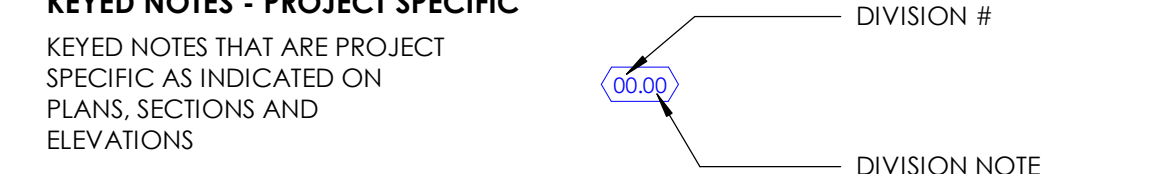
CENTER LINE



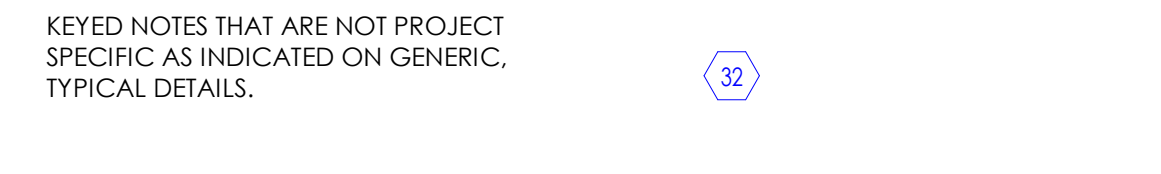
FLOW ARROW



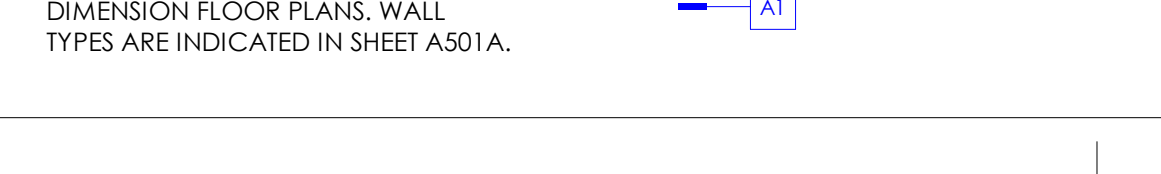
FLOOR PLAN MATCHLINE



REVISION TAG



KEYED NOTES - PROJECT SPECIFIC



KEYED NOTES - GENERIC



WALL TAG

DOOR TAG



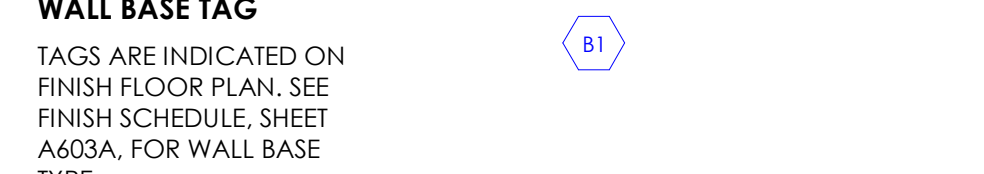
WINDOW TAG



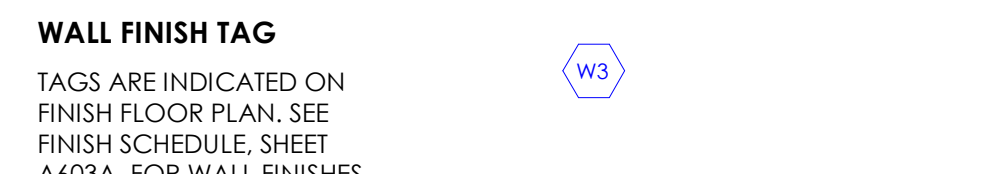
FLOOR FINISH TAG



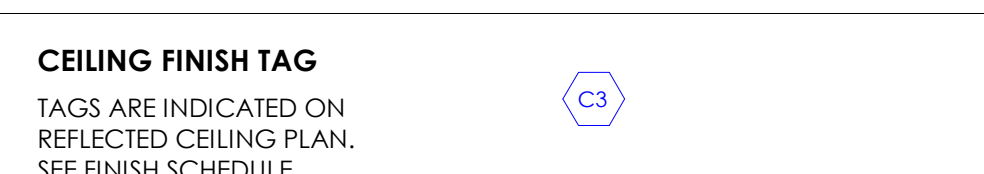
WALL BASE TAG



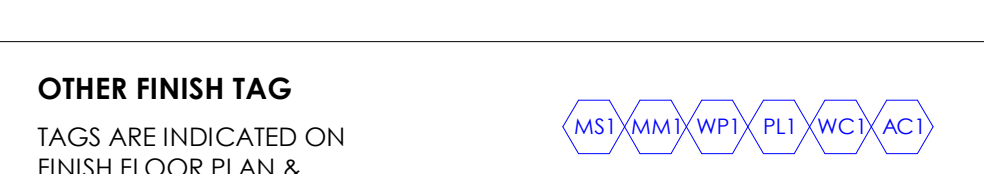
WALL FINISH TAG



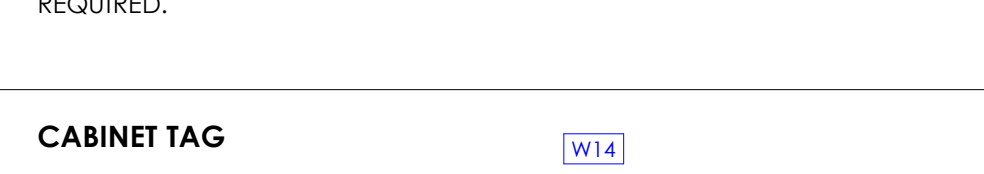
CEILING FINISH TAG



OTHER FINISH TAG



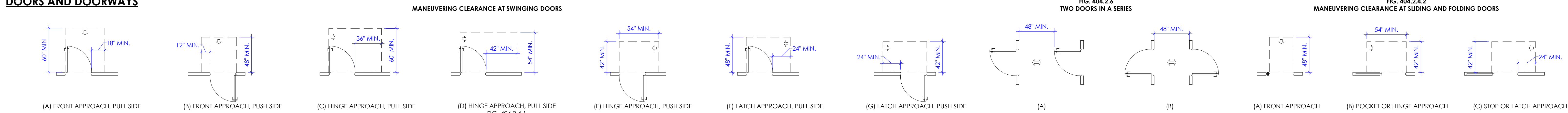
CABINET TAG



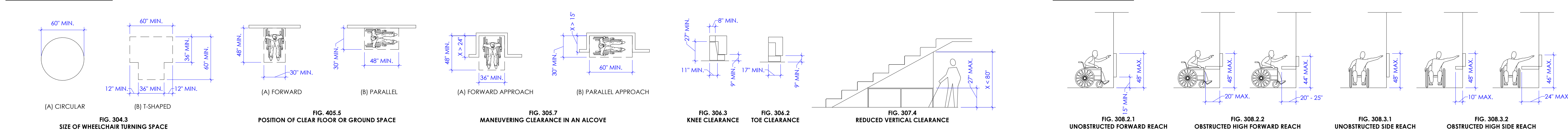
SIGN TAG



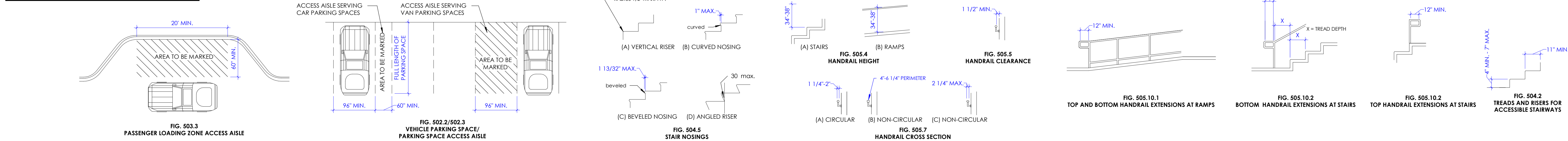
DOORS AND DOORWAYS



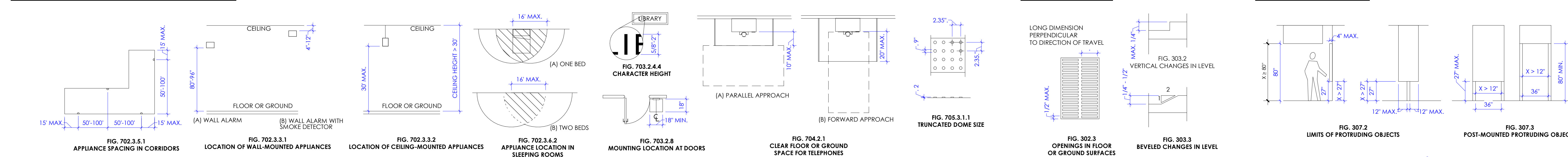
CLEAR FLOOR SPACE



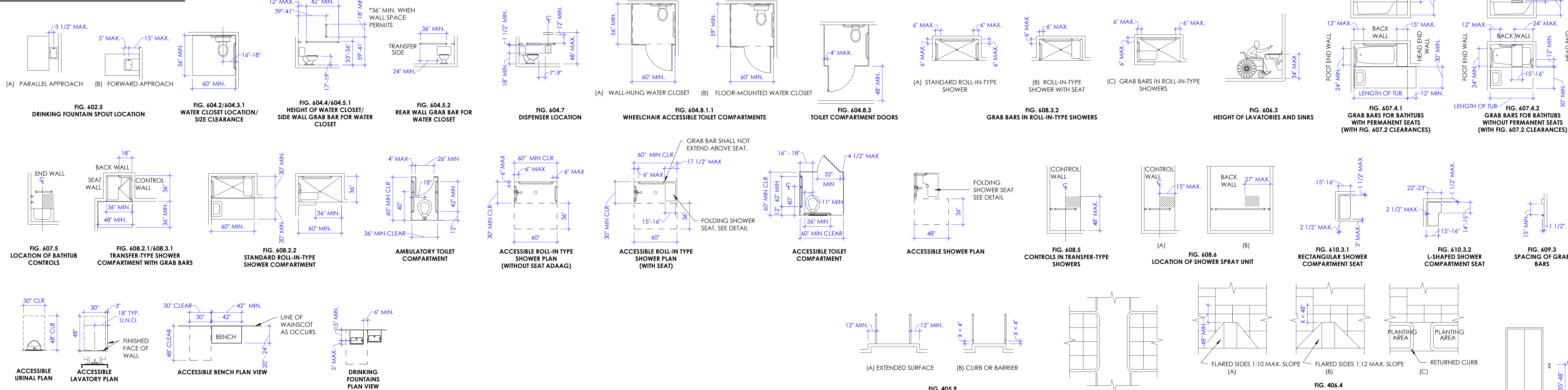
GENERAL SITE AND BUILDING ELEMENTS



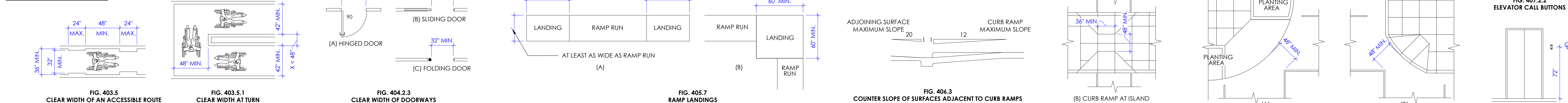
COMMUNICATION ELEMENTS AND FEATURES

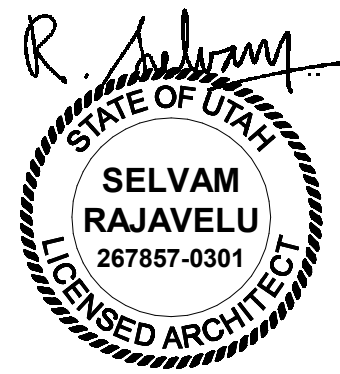


PLUMBING ELEMENTS AND FACILITIES



ACCESSIBLE ROUTES





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

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 AS01A 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

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. TAGS ARE PLACED ON THE FRONT SIDE OF WINDOW. SEE DETAILS 1/ A503A , 4/ A503A , 7/ A503A , 10/ A503A
	2' X 2' LAY-IN ACOUSTICAL PANEL CEILING. TAGS ARE PLACED ON THE FRONT SIDE OF WINDOW. 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	
A. STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS (IF PRESENT) ARE SUPPLEMENTAL TO THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CHECK WITH THE ARCHITECTURAL DRAWINGS BEFORE THE INSTALLATION OF MECHANICAL OR ELECTRICAL CONSTRUCTION. ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND CONSULTING ENGINEERS' DRAWINGS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR CLARIFICATION. ANY CONSTRUCTION INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE GENERAL CONTRACTOR AT HIS/HER OWN EXPENSE AND AT NO EXPENSE TO THE OWNER OR ARCHITECT.	
B. ALL WORK SHALL COMPLY WITH THE CURRENT ADA ACCESSIBILITY GUIDELINES (AMERICANS WITH DISABILITIES ACT).	
C. REFER TO THE CODE COMPLIANCE PLAN FOR APPLICABLE CODES GOVERNING THIS WORK. CODE REQUIREMENTS AND REGULATIONS SHALL BE CONSIDERED AS MINIMUM, WHERE THE CONTRACT DOCUMENTS EXCEED (WITHOUT VIOLATING) CODE AND REGULATION REQUIREMENTS, CONTRACT DOCUMENTS SHALL TAKE PRECEDENCE. IF CONFLICT EXIST, THE MORE STRINGENT SHALL APPLY. COMPLY WITH REQUIREMENTS OF THE ADOPTED EDITIONS OF THE INTERNATIONAL CODE COUNCIL CODES, THE CODES AND STANDARDS REFERENCED WITHIN THE ICC CODES AND THE AMERICANS WITH DISABILITIES ACT.	
D. THE CONTRACTOR SHALL PROVIDE ADEQUATE BARRICADES AND PROTECTIVE DEVICES SEPARATING CONSTRUCTION AREAS. TEMPORARY PASSAGES SHALL BE PROVIDED AS REQUIRED. PRIOR TO DELIVERY OF MATERIALS TO CONSTRUCTION ZONE AND REMOVAL OF WASTE FROM SITE, THE CONTRACTOR SHALL CHECK WITH THE OWNER FOR AN ACCEPTABLE ROUTE AND TIME.	
E. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER LOCATION AND SIZE OF OPENINGS FOR ALL TRADES AND SHALL COORDINATE ALL CONSTRUCTION AS INDICATED BY THE CONTRACT DOCUMENTS, INCLUDING SHOP DRAWINGS REVIEWED BY THE ARCHITECT.	
F. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.	
G. FOR ALL REMODEL WORK AS OCCURS, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ALL MEASURES TO ACCOMPLISH THE WORK WITH THE MINIMUM OF INTERRUPTION TO NORMAL BUILDING PROCEDURES, SYSTEM SHUTDOWNS OF HVAC, PLUMBING, ELECTRICAL, AND NOISY CONSTRUCTION INCLUDING ROYO 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 WALLS. FOR OPENINGS LESS THAN 14 SQUARE INCHES, THE SPACE BETWEEN THE WALL AND ALLOWED PENETRATIONS MUST BE SEALED TO PREVENT THE MOVEMENT OF HOT FLAME OR GASES. ELECTRICAL DEVICES, RECESSED CABINETS, ETC. SHALL BE SEALED, UNLESS 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, UNISTRUS, ETC. THE CONTRACTOR SHALL PATCH AGAIN WITH EQUIVALENT FIRE PROOFING MATERIAL TO MATCH ADJACENT EXISTING MATERIAL.	
Q. ALL WOOD CANTS, NAILERS, CURBS, ETC., THROUGHOUT JOB SHALL BE FIRE RETARDANT PRESSURE-TREATED, AS PER I.B.C. CURRENT VERSION. SEE RELEVANT DETAILS.	
R. CONTRACTOR SHALL REFER TO THE PROJECT MANUAL FOR A COMPLETE LIST OF GENERAL CONDITIONS, SPECIAL CONDITIONS AND OTHER NOTES.	

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

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

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

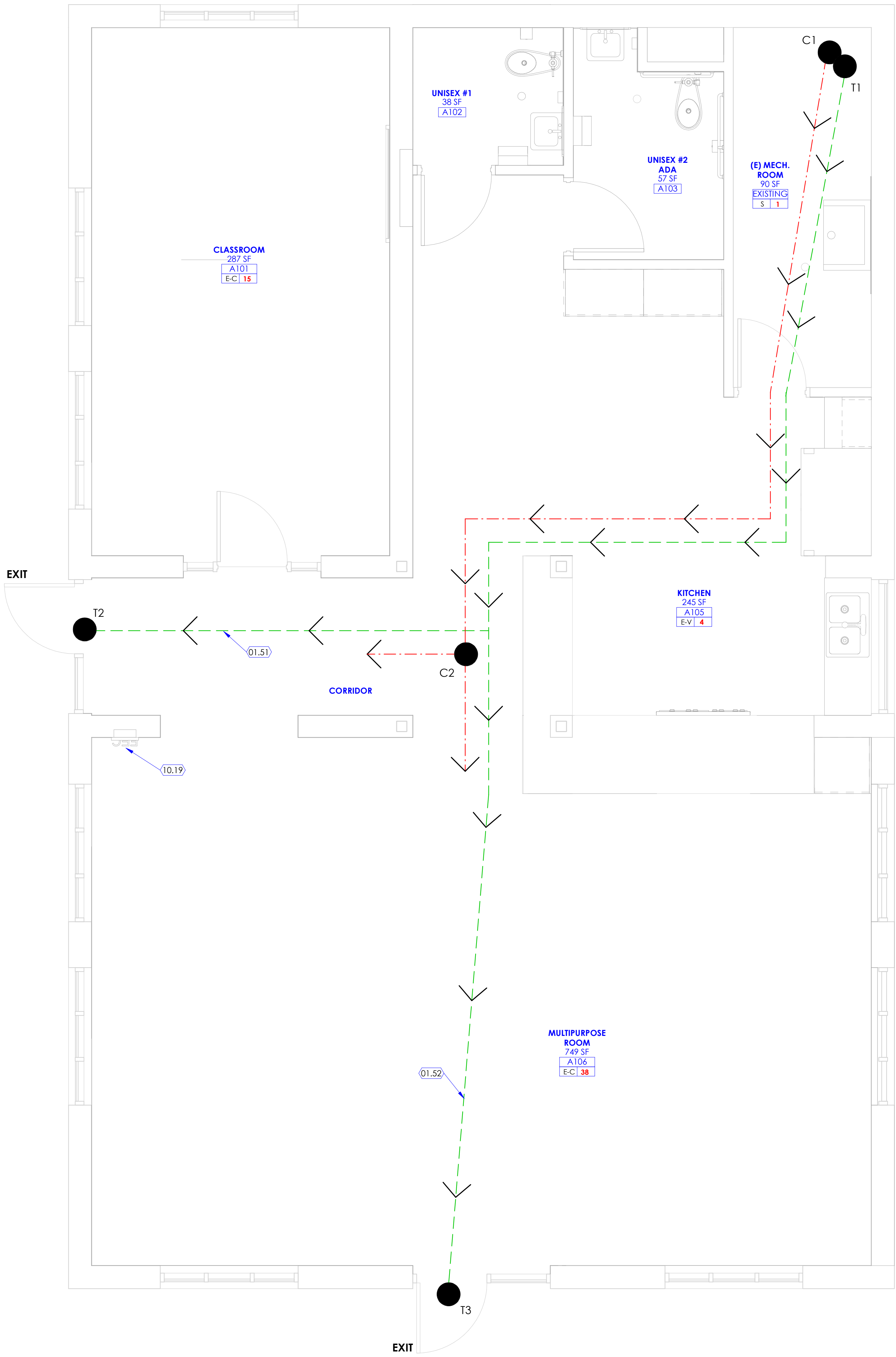
GENERAL NOTES - BUILDING SECTIONS	
A. BUILDING SECTIONS INDICATE THE RELATIONSHIPS BETWEEN THE DIFFERENT ROOMS AND AREAS OF THE FACILITY. THE INTENT IS TO ILLUSTRATE THE CONCRETE FLOOR SLAB ON GRADE, FLOOR TO FLOOR HEIGHT, ROOF SLOPES, EXTENT OF REQUIRED STRUCTURAL FOOTING UNDER THE FOOTINGS, CONCRETE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

GENERAL NOTES - REFLECTED CEILING PLAN	
A. SEE MECHANICAL DRAWINGS FOR DIFFUSER LOCATIONS IN CEILING. CONTRACTOR SHALL COORDINATE WITH LIGHT FIXTURES (AS INDICATED IN ELECTRICAL DRAWINGS) AND MOVE DIFFUSERS AROUND THE LIGHT FIXTURE IF THERE IS ANY CONFLICT BETWEEN THE TWO.	
B. SOME OF THE ITEMS ON CEILING INDICATED IN MECHANICAL AND ELECTRICAL DRAWINGS, MAY OR MAY NOT BE INDICATED ON ARCHITECTURAL CEILING PLANS. SEE MECHANICAL AND ELECTRICAL DRAWINGS AND COORDINATE WITH ARCHITECT FOR ANY REQUIRED CLARIFICATIONS.	
C. CONTRACTOR SHALL NOT HANG CEILING TILES AND LIGHTS FROM DUCTS, FOR AREAS ABOVE THE CEILING WHERE OVERSIZED DUCTS 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 FINISHED ITEMS.	

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

GENERAL NOTES - INTERIOR ELEVATIONS	
A. PROVIDE LOCKS FOR CABINETS AS INDICATED ON THE CABINET LEGEND ON SHEET A505A AND IF INDICATED ON INTERIOR ELEVATIONS.	
B. IN ROOMS WHERE CABINETS ARE REQUIRED TO BE LOCKED, PROVIDE LOCKS OPERABLE WITH SINGLE KEY.	
C. FOR TYPICAL MOUNTING HEIGHTS, SEE SHEET G003. FOLLOW THE HEIGHT UNLESS NOTED OTHERWISE IN INTERIOR ELEVATIONS. VERIFY WITH ARCHITECT FOR ITEMS NOT INDICATED.	
D. CONTRACTOR SHALL VERIFY WITH OWNER FOR OWNER FURNISHED CONTRACTOR INSTALLED ITEMS AND PROVIDE BACKING IN WALL AS REQUIRED FOR INSTALLATION.	
E. INTERIOR ELEVATIONS OF CERTAIN ROOMS ARE NOT DRAWN AND ARE NOTED AS SIMILAR ELEVATIONS OF ROOMS THAT ARE INDICATED IN THE DRAWINGS.	
F. CONTRACTOR SHALL PROVIDE FILLER PANELS (PLASTIC LAMINATE WRAPPED OVER 5/8" PARTICLE BOARD) WHEREVER GAP OCCURS BETWEEN CABINETS AND WALL.	
G. SEE FINISH FLOOR PLANS AND FINISH SCHEDULE A603A FOR WALL, CABINET AND COUNTERTOP FINISHES.	
H. SEE SHEET A505A FOR CABINET LEGEND (TYPES B1, W1, T1, ETC.). UNLESS NOTED OTHERWISE, ALL THE CABINETS AND COUNTERTOPS IN EACH ROOM SHALL BE OF THE SAME FINISH (P1, P2, S31, 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 4/ A505B AND 5/ A505B .	
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				
SYMBOL	DESCRIPTION	FIRE RESISTANCE RATING	DOOR FIRE RATING	WINDOW FIRE RATING
	COMMON PATH OF TRAVEL	N/A	N/A	N/A
	TRAVEL DISTANCE	N/A	N/A	N/A
	OCCUPANT LOAD	N/A	N/A	N/A
	SMOKE PARTITION WALL	0 HOUR	SMOKE	SMOKE
	SMOKE BARRIER WALL	1 HOUR	1/3 HOUR	1/3 HOUR
	1 HOUR FIRE RATED WALL	1 HOUR	3/4 HOUR	3/4 HOUR
	2 HOUR FIRE RATED WALL	2 HOUR	1-1/2 HOUR	1-1/2 HOUR

KEYED NOTES

01.51 LINE AND ARROW INDICATES "TRAVEL DISTANCE" OF 54'-6" BETWEEN POINTS T1 AND T2. THIS IS LESS THAN THE MAXIMUM ALLOWED DISTANCE OF 200'.
01.52 LINE AND ARROW INDICATES "TRAVEL DISTANCE" OF 65'-7" BETWEEN POINTS T1 AND T3. THIS IS LESS THAN THE MAXIMUM ALLOWED DISTANCE OF 200'.
10.19 FIRE PROTECTION CABINET FOR STORING PORTABLE FIRE EXTINGUISHERS. CABINET SHALL BE RECESSED IN STUD FRAMED WALL. SEE DETAIL 3/AS08A.

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 Standards 90.1 2010

National Electric Code (NEC) 2017

NFPA 101 2015

ANSI A117.1 2009

International Energy Conservation Code 2018

FIRE RESISTANCE RATING FOR BUILDING ELEMENTS (TABLE 601)

	Required	Provided
Structural Frame:		
Bearing Walls:		
Exterior	0	0
Interior	0	0
Non-Bearing Walls:		
Exterior	0	0
Interior	0	0
Floor Construction	0	0
Roof Construction	0	0

INCIDENTAL ACCESSORY OCCUPANCIES (TABLE 509)

Boiler/Furnace Room

0 Hour (with automatic sprinkler system), but over 400,000 BTUs

limit the transfer of smoke

ACCESSORY OCCUPANCIES (PER SECTION 508.2) - Less than 10% of total floor area

Accessory Storage, Mechanical, and Equipment Rooms

S

(E) Mechanical Room (EXISTING)

OCCUPANCY: E (Educational)

Classroom Area

Classroom (A101)

Multipurpose Room (A106)

Shops and Other Vocational Rooms

E-C

Viewing Area (A104)

Kitchen (A105)

E-V

CONSTRUCTION TYPE: Type VB

OTHER CODE REQUIREMENTS (with out Automatic Sprinkler System)

Travel Distance:

Common Path of Travel:

Minimum Corridor Width:

Maximum Dead-end Corridor:

200 Feet (E)

75 Feet (E)

44 inches (E)

20 Feet (E)

NOT AUTOMATICALLY SPRINKLED

Building is not equipped with an automatic fire extinguishing sprinkler system

OCCUPANT LOADS:

Classroom:

Vocational:

Storage / Elec. / Mech.:

Kitchens, commercial:

20 Sq. Ft. Net per Occupant

50 Sq. Ft. Net per Occupant

300 Sq. Ft. Gross per Occupant

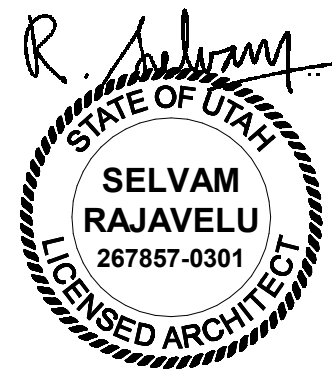
200 Sq. Ft. Gross per Occupant

Total Occupant Load in School (Per Code): 59 Occupants

Estimate of Actual Occupant Load (Per Exception): 50 Occupants (45 Students, 5 Faculty/Staff)



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Owner
Utah School for the Deaf and Blind
Activity Center

742 S Harrison Blvd.
Ogden, UT 84404

NJRA Project # 27707.00
Construction Documents Sept 02, 2022

Code
Compliance
Plan, General
Information, &
Legend
G111

KEYED NOTES

- 02.01 WALL, EXISTING TO REMAIN. PROTECT WALL FROM DAMAGE DURING CONSTRUCTION.
02.02 WALL, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED.
02.05 DOOR, EXISTING TO REMAIN. PROTECT DOOR FROM DAMAGE DURING CONSTRUCTION.
02.06 DOOR AND DOOR FRAME, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED, DOOR FRAME SHALL BE REMOVED UNLESS NOTED OTHERWISE.
02.08 DOOR FRAME, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED.
02.09 WINDOW, EXISTING TO REMAIN. PROTECT WINDOW FROM DAMAGE DURING CONSTRUCTION.
02.10 WINDOW, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED.
02.12 PLUMBING FIXTURE, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED.
02.14 CABINET AND COUNTERTOP, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED.
02.15 CEILING, EXISTING TO REMAIN. PROTECT CEILING FROM DAMAGE DURING CONSTRUCTION.
02.16 CEILING, EXISTING INDICATED IN THIS AREA TO BE REMOVED.
02.18 FLOOR COVERING, EXISTING INDICATED IN THIS AREA TO BE REMOVED. COORDINATE EXTENT OF REMOVAL WITH FINISH FLOOR PLANS FOR NEW FLOOR COVERING LOCATIONS AND TRANSITION LINE BETWEEN EXISTING AND NEW FLOOR COVERINGS.
02.20 LIGHT FIXTURE, EXISTING INDICATED IN THIS AREA TO BE REMOVED.
02.26 MECHANICAL DIFFUSER, EXISTING INDICATED IN THIS AREA TO BE REMOVED.
02.29 OVEN, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED.
02.30 FRIDGE, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED.
02.63 GRAB BAR, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED.

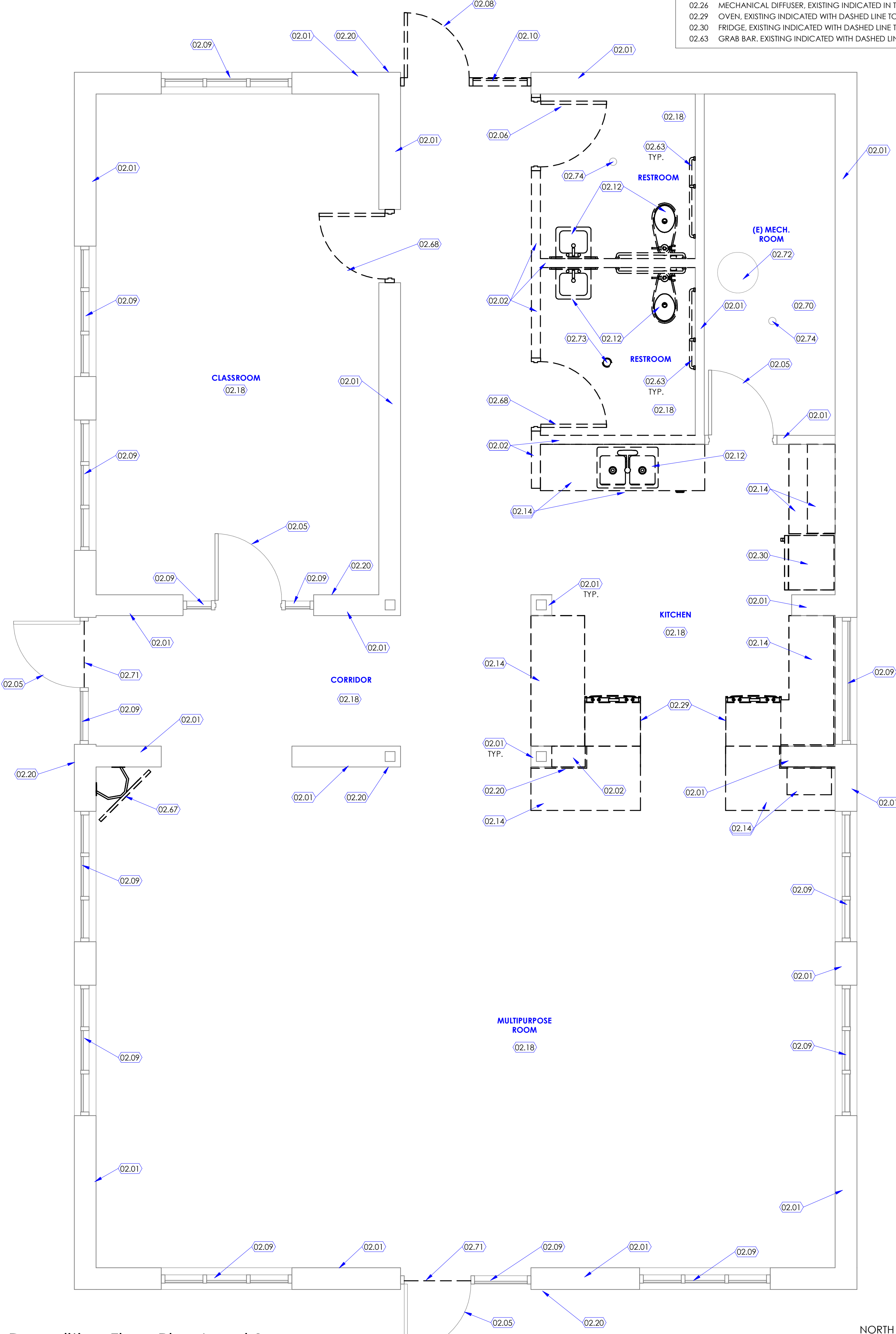
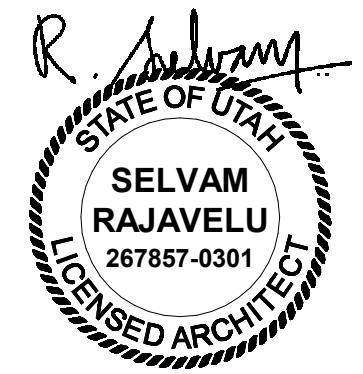
- 02.66 SKYLIGHT, EXISTING TO REMAIN. PROTECT SKYLIGHT FROM DAMAGE DURING CONSTRUCTION.
02.67 TELEVISION (TV), EXISTING INDICATED WITH DASHED LINE TO BE REMOVED, RETURN TO OWNER.
02.68 DOOR AND DOOR FRAME, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED, DOOR FRAME SHALL BE REMOVED UNLESS NOTED OTHERWISE. EXISTING DOOR TO BE REUSED WHERE POSSIBLE.
02.70 CONCRETE SLAB ON GRADE, SAW CUT SLAB AND REMOVE PORTION AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. COORDINATE EXTENT OF REMOVAL WITH PLUMBING DRAWINGS AND FINISH FLOOR PLANS.
02.71 THRESHOLD, EXISTING INDICATED IN THIS AREA TO BE REMOVED.
02.72 BOILER EXISTING TO REMAIN. PROTECT BOILER FROM DAMAGE DURING CONSTRUCTION.
02.73 FLOOR DRAIN, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED.
02.74 FLOOR DRAIN, EXISTING TO REMAIN.

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
B. SEE SHEET A503A 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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KEYED NOTES

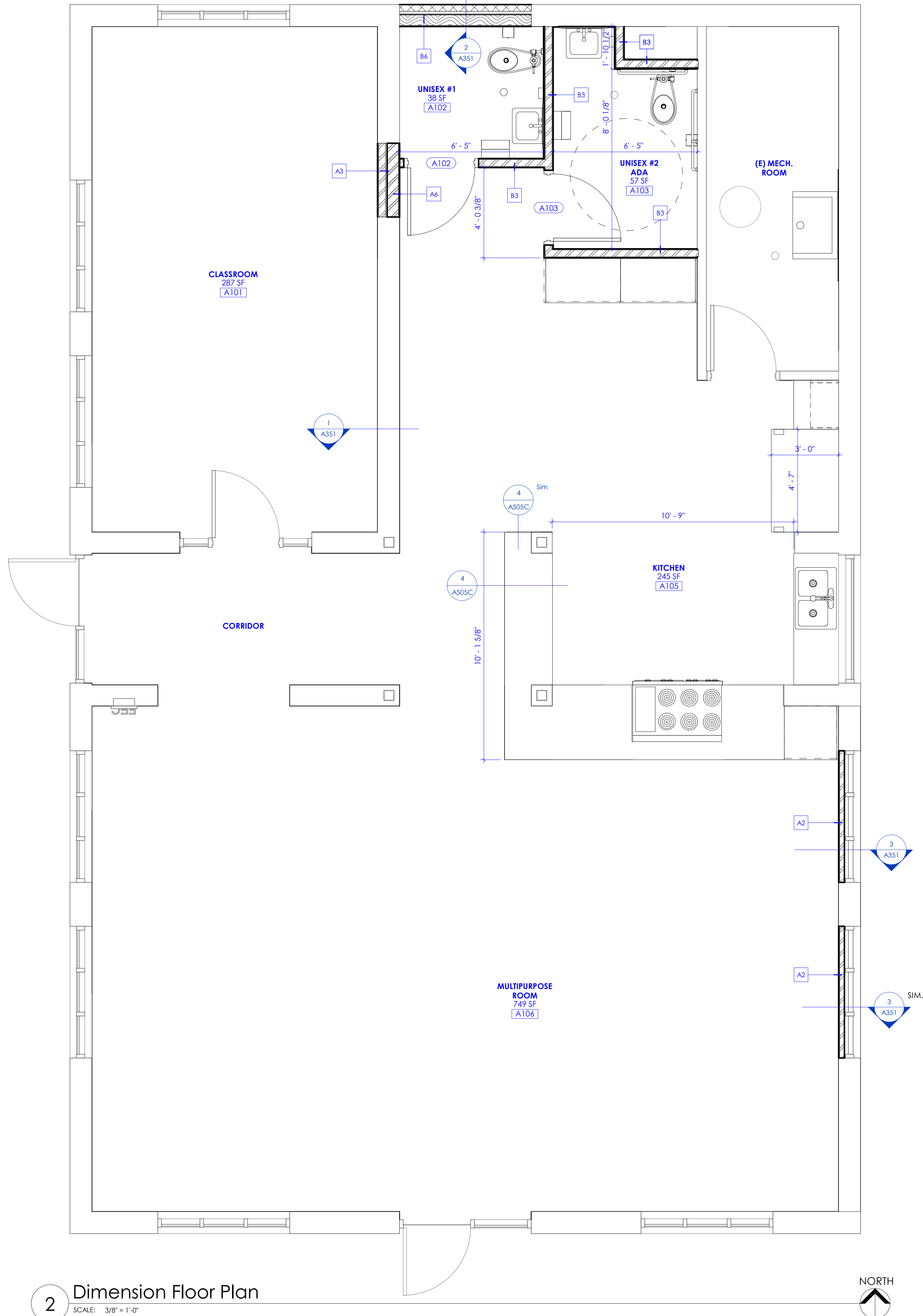
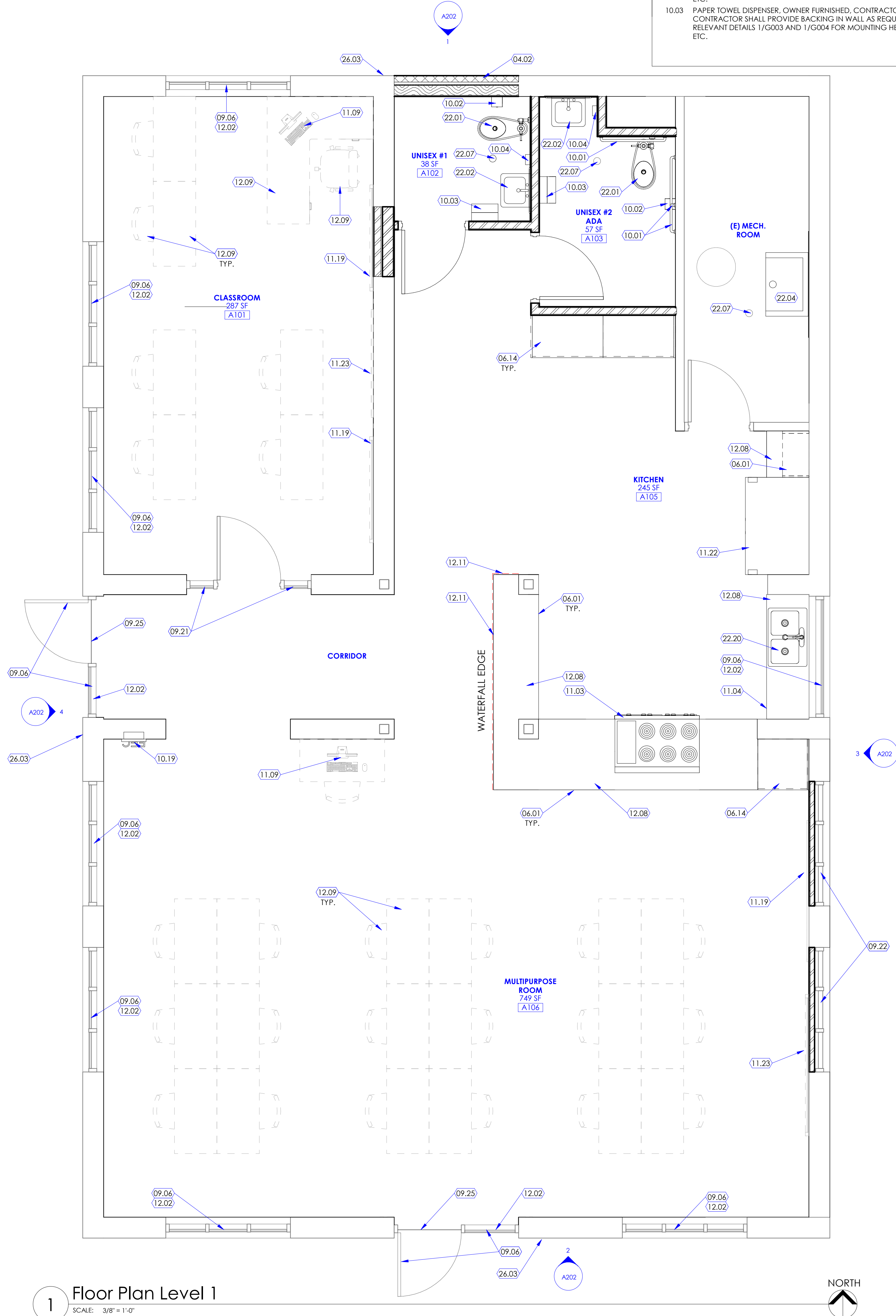
- 04.02 CMU VENEER SOLID GROUT, 4" NOMINAL WIDTH, WITH STACK BOND; MATCH EXISTING FINISH. SEE BUILDING EXTERIOR ELEVATIONS FOR LEGEND.
- 06.01 CABINET, SEE CABINET LEGEND ON SHEET 1/A505A, AND INTERIOR ELEVATIONS, FOR CABINET TYPES SUCH AS BASE CABINETS, WALL CABINETS, TALL CABINETS, ETC.
- 06.14 WOOD STUD, 2 X FRAMING TO MATCH EXISTING.
- 09.06 WINDOW FILM, SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH FLOOR FINISH TAG.
- 09.21 DOOR FRAME AND WINDOW FRAME FINISH, SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH FLOOR FINISH TAG.
- 09.22 EXTERIOR RATED BLACK OUT WINDOW FILM, BASIS OF DESIGN SOLYX OPAQUE EXTERIORS WINDOW FILMS, SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH FLOOR FINISH TAG.
- 09.25 NEW THRESHOLD AT DOOR, MATCH EXISTING ADJACENT.
- 10.01 GRAB BAR, PROVIDE GRAB BARS REQUIRED FOR WATER CLOSET, SHOWER, ETC. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 10.02 TOILET PAPER DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED, CONTRACTOR SHALL PROVIDE BACKING IN WALL AS REQUIRED. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 10.03 PAPER TOWEL DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED, CONTRACTOR SHALL PROVIDE BACKING IN WALL AS REQUIRED. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.

- 10.04 SOAP DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED, CONTRACTOR SHALL PROVIDE BACKING FOR ALL OWNER FURNISHED ITEMS, SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 10.19 FIRE PROTECTION CABINET FOR STORING PORTABLE FIRE EXTINGUISHERS, CABINET SHALL BE RECESSED IN STUD FRAMED WALL, SEE DETAIL 3/A506A.
- 11.03 COOKING RANGE, UNLESS NOTED OTHER WISE, THIS APPLIANCE SHALL BE OWNER FURNISHED CONTRACTOR INSTALLED.
- 11.04 UNDER COUNTER TOP DISH WASHER, UNLESS NOTED OTHER WISE, THIS APPLIANCE SHALL BE OWNER FURNISHED CONTRACTOR INSTALLED.
- 11.09 COMPUTER, NOT IN CONTRACT, OWNER FURNISHED OWNER INSTALLED.
- 11.19 WHITE BOARD, NOT IN CONTRACT, OWNER FURNISHED OWNER INSTALLED.
- 11.22 REFRIGERATOR, UNLESS NOTED OTHER WISE, THIS APPLIANCE SHALL BE OWNER FURNISHED CONTRACTOR INSTALLED.
- 11.23 SMART WHITE BOARD, NOT IN CONTRACT, OWNER FURNISHED OWNER INSTALLED, PROVIDE POWER, DATA AND HDMI PORT. SEE ELECTRICAL DRAWINGS.
- 12.02 ROLLER WINDOW SHADE, SEE FINISH FLOOR PLAN AND FINISH SCHEDULE.
- 12.08 COUNTERTOP, MONOLITHIC MATERIAL (QUARTZ)
- 12.09 FURNITURE, NOT IN CONTRACT, OWNER FURNISHED OWNER INSTALLED.
- 12.11 COUNTERTOP, MONOLITHIC MATERIAL (QUARTZ) WITH WATERFALL EDGE. SEE INTERIOR ELEVATIONS, FINISH FLOOR PLAN AND SCHEDULE.

- 22.01 WATER CLOSET, SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. SEE PLUMBING DRAWINGS.
- 22.02 LAVATORY (SINK), SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. SEE PLUMBING DRAWINGS.
- 22.04 JANITOR'S FLOOR SINK, SEE PLUMBING DRAWINGS.
- 22.07 FLOOR DRAIN, EXISTING TO REMAIN, PROTECT DURING CONSTRUCTION, SEE PLUMBING DRAWINGS. SLOPE FINISHED FLOOR TOWARDS DRAIN AT 1/8" PER FOOT.
- 22.20 KITCHEN SINK, SEE INTERIOR ELEVATIONS, A505A CABINET LEGEND & DETAILS, AND PLUMBING DRAWINGS.
- 26.03 LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS.

GENERAL NOTES

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



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Construction Documents Sept 02, 2022

Floor Plan &
Dimension
Floor Plan

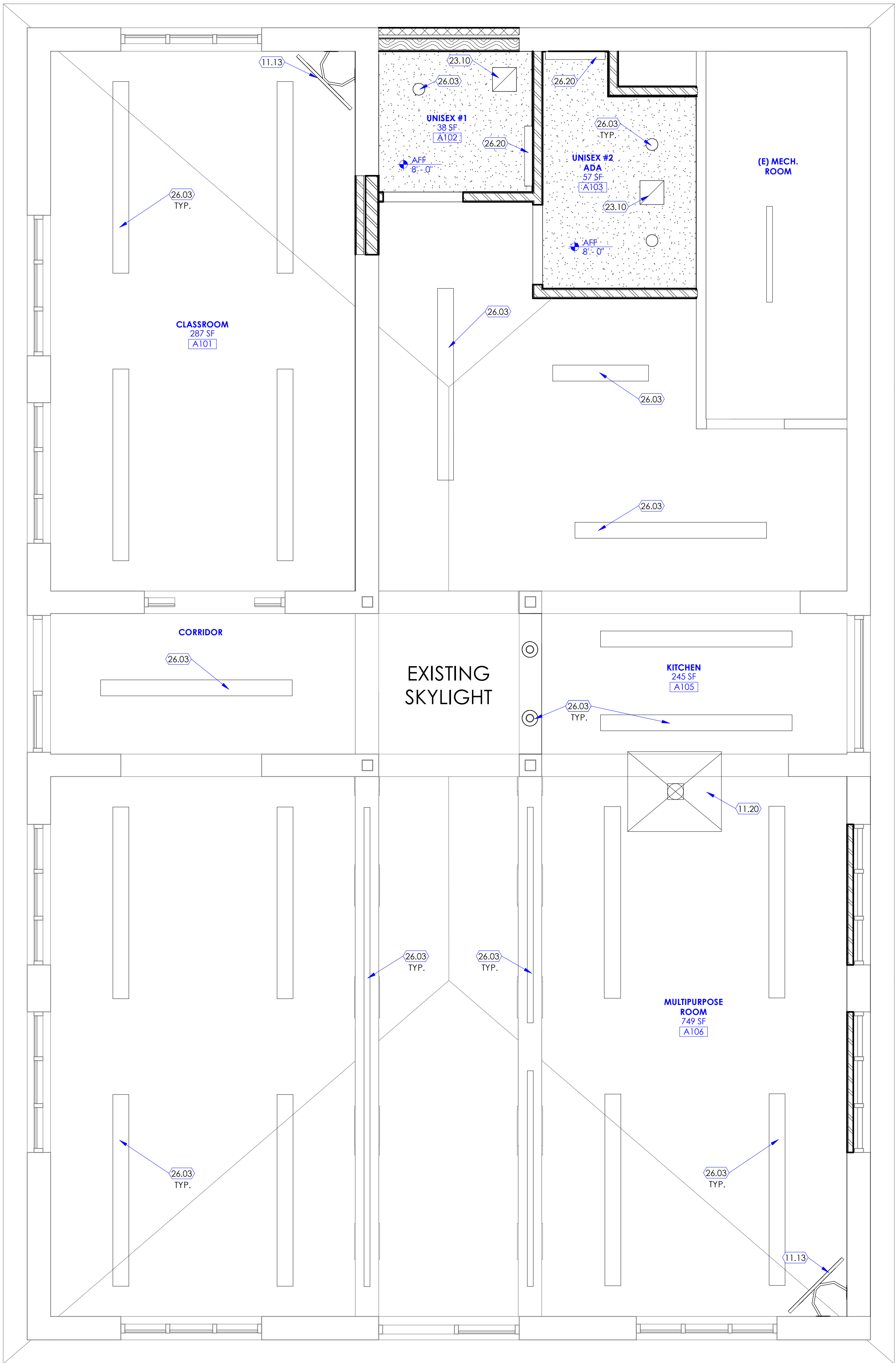
A112

9/9/2022 3:04:05 PM

1

Reflected Ceiling Plan

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



KEYED NOTES

- 11.13 TELEVISION (TV), NOT IN CONTRACT. OWNER FURNISHED OWNER INSTALLED. PROVIDE WALL MOUNTED METAL BRACKET TO SUPPORT THE TV. BRACKET SIZE AND MODEL SHALL BE BASED ON THE TV SIZE. PROVIDE PLYWOOD BACKING IN WALL AS REQUIRED TO SUPPORT THE TV BRACKET. PROVIDE POWER, DATA AND HDMI PORT. SEE ELECTRICAL DRAWINGS.
- 11.20 CEILING MOUNTED RANGE HOOD. PROVIDE SUPPORT BRACKET AS REQUIRED PER MANUFACTURER'S RECOMMENDATIONS. SEE ELECTRICAL AND MECHANICAL DRAWINGS.
- 23.10 SUPPLY/RETURN AIR. SEE MECHANICAL DRAWINGS.
- 26.03 LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.
- 26.20 WALL MOUNTED LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.

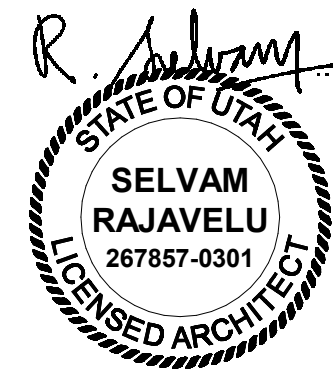
LEGEND

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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742 S Harrison Blvd.
Ogden, UT 84404

NJRA Project # 27707.00
Construction Documents Sept 02, 2022

Reflected
Ceiling Plan

A113

KEYED NOTES

- 03.24 CONCRETE SLAB ON GRADE. COORDINATE EXTENT OF POURING FOR NEW FLOOR LOCATIONS WITH PLUMBING DRAWINGS. BUFF AND SMOOTH THE TRANSITION LINE BETWEEN EXISTING AND NEW FLOOR.
- 09.26 PATCH AND REPAIR CONCRETE SLAB ON GRADE, AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. COORDINATE EXTENT OF REPAIR WITH PLUMBING DRAWINGS.
- 22.07 FLOOR DRAIN, EXISTING TO REMAIN. PROTECT DURING CONSTRUCTION. SEE PLUMBING DRAWINGS. SLOPE FINISHED FLOOR TOWARDS DRAIN AT 1/8" PER FOOT.

FLOOR PATTERN LEGEND

MATERIAL REPRESENTATION OF FLOOR COVERINGS:

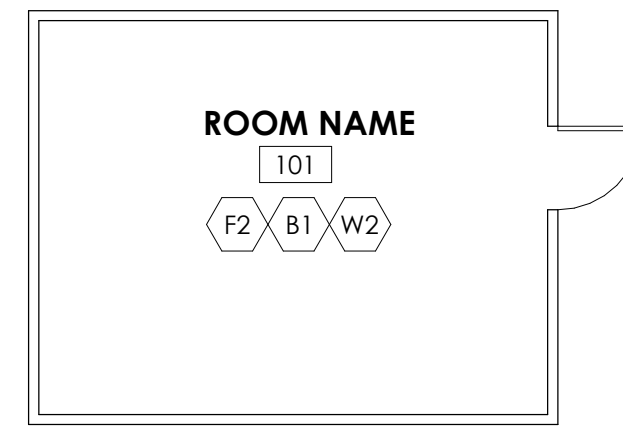
- THIS "RECTANGULAR" PATTERN REPRESENTS MATERIALS REQUIRED IN SMOOTH TEXTURE AND TILE FORMAT [EXAMPLE: VCT, LVT, QUARRY, CERAMIC, PORCELAIN, ETC.]
- THIS "DOT" PATTERN REPRESENTS MATERIALS REQUIRED IN ROUGH TEXTURE [EXAMPLE: CARPET TILE, CARPET BROADLOOM, WALK-OFF MAT, ETC.]
- THIS "WAVE" PATTERN REPRESENTS MATERIALS APPLIED AS LIQUID AND HARDENED LATER [EXAMPLE: EPOXY RESIN, SEALERS, TERRAZZO, MOSAIC, ETC.]

COLOR LEGEND:

- SEE FINISH SCHEDULE FOR FLOOR COVERING MATERIALS F1, F2, F3, ETC. ALONG WITH REQUIRED FIELD AND ACCENT COLORS.
- F1 LOAM 00700

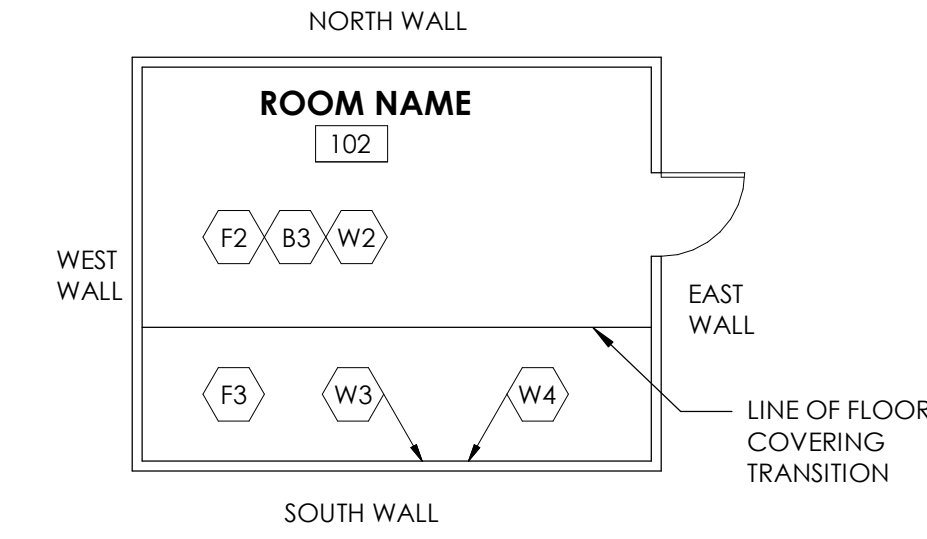
SAMPLE LAYOUTS

SAMPLE LAYOUT 1



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

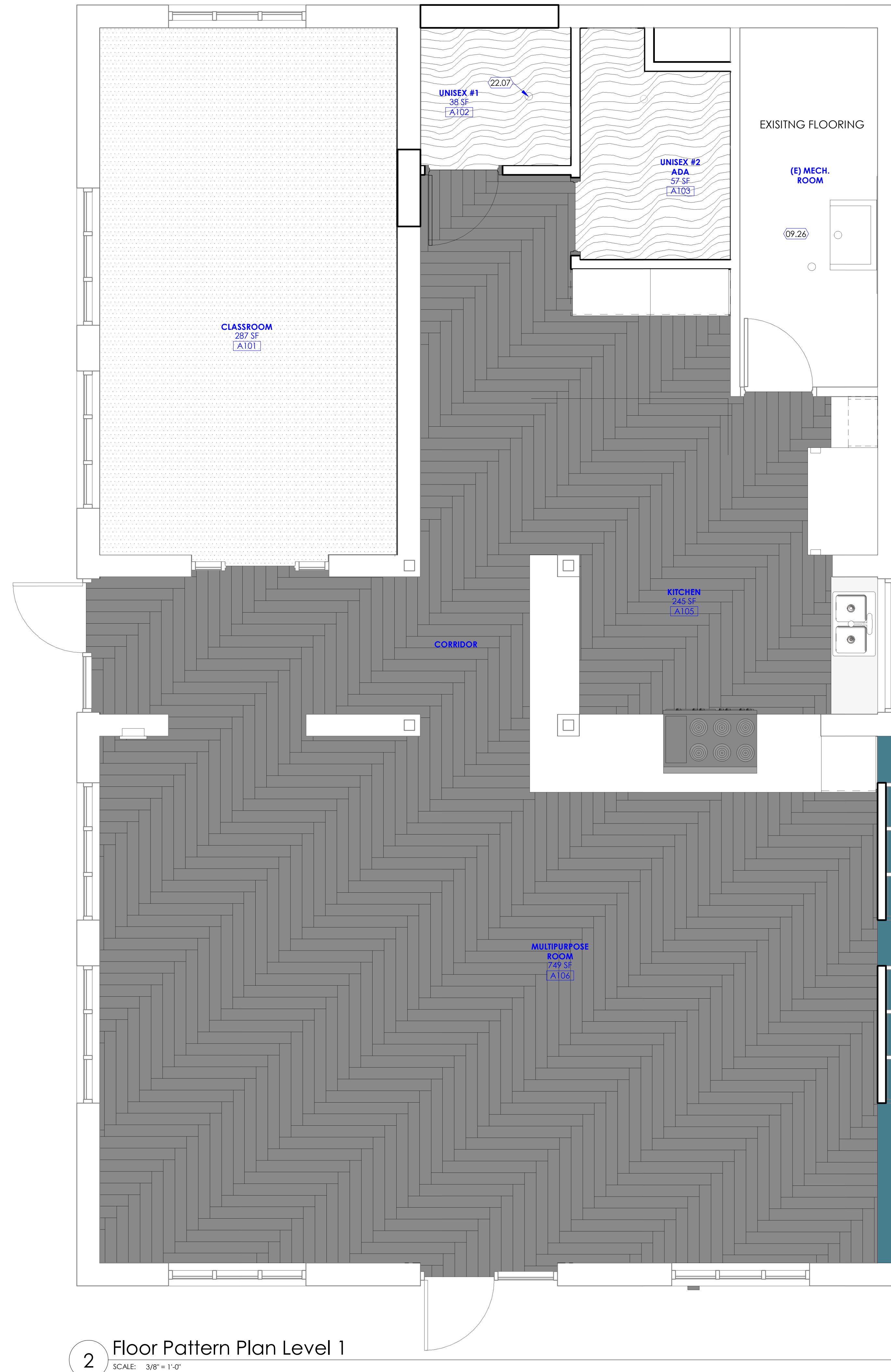
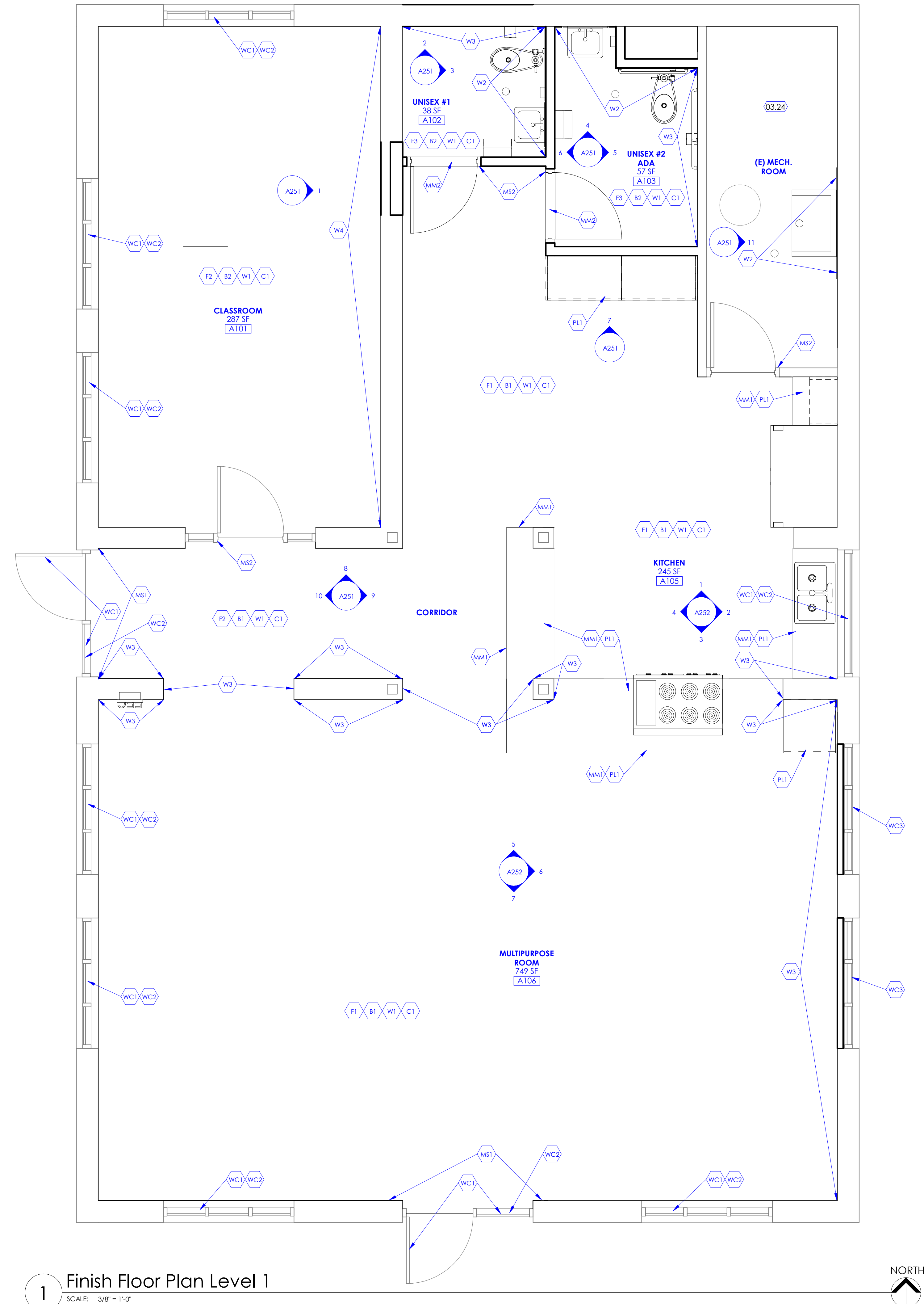
SAMPLE LAYOUT 2

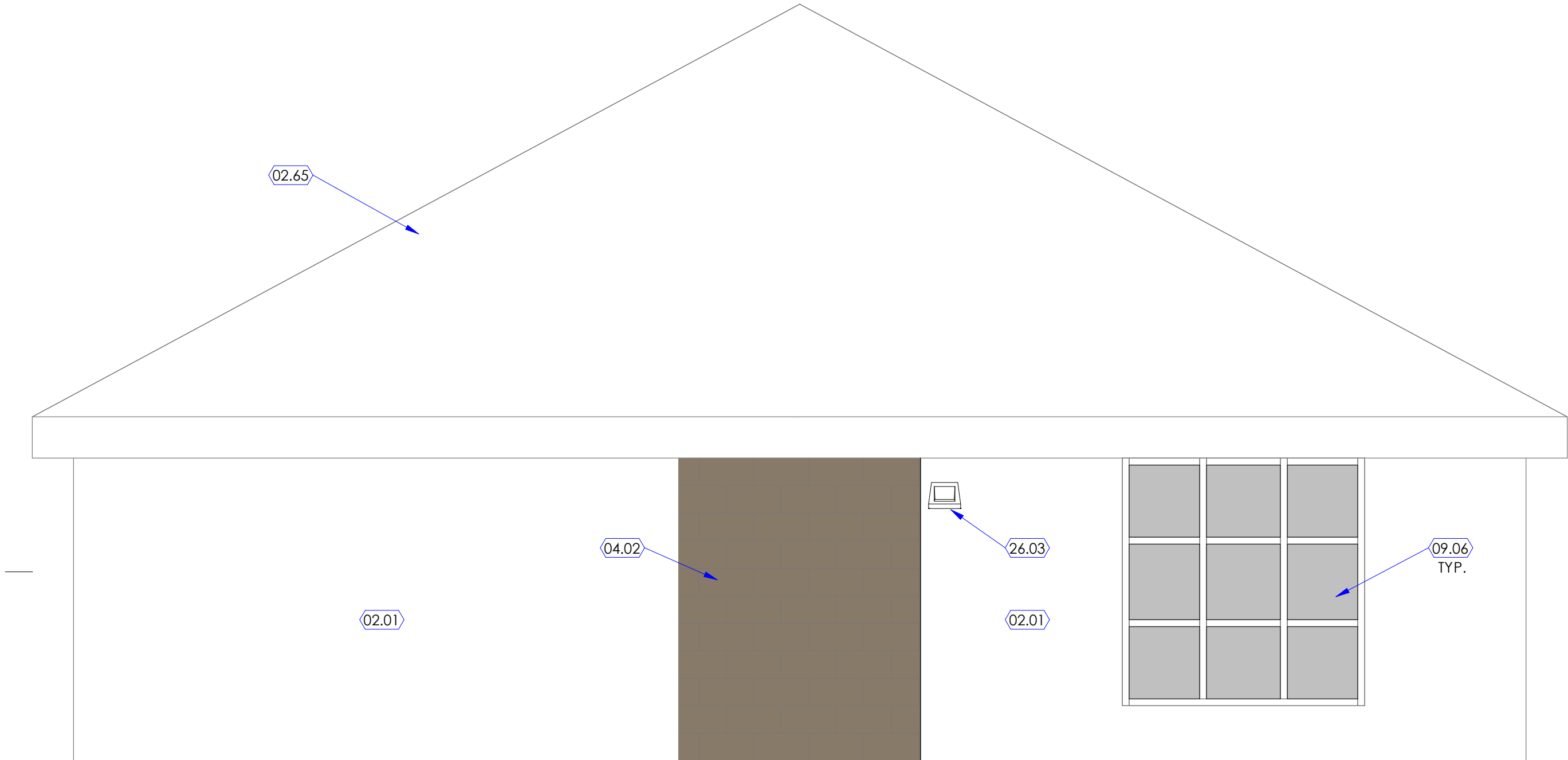


NOTE: AS INDICATED IN ROOM NUMBER 102, SOME ROOMS SHALL HAVE MULTIPLE FLOOR AND WALL FINISHES. SEE GENERAL NOTE "C" ON SHEET A603A FOR FLOOR COVERING TRANSITIONS. THE WALL FINISH INDICATED AS "W2" IN THE ROOM (WITHOUT AN ARROW POINTING TO ANY SPECIFIC WALL) SHALL APPLY TO THE WEST, NORTH AND EAST WALL.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

GENERAL NOTES

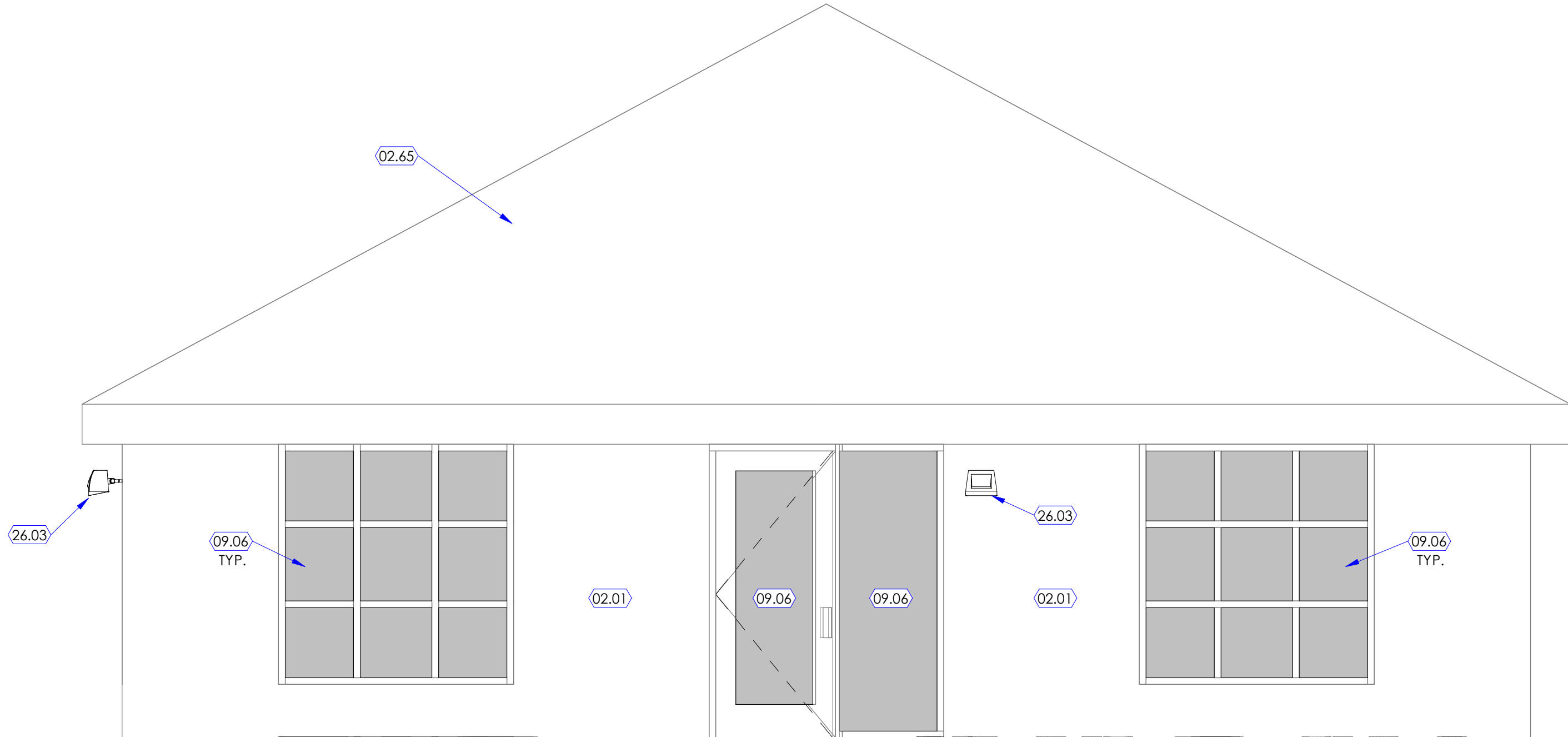
- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A602A FOR WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.





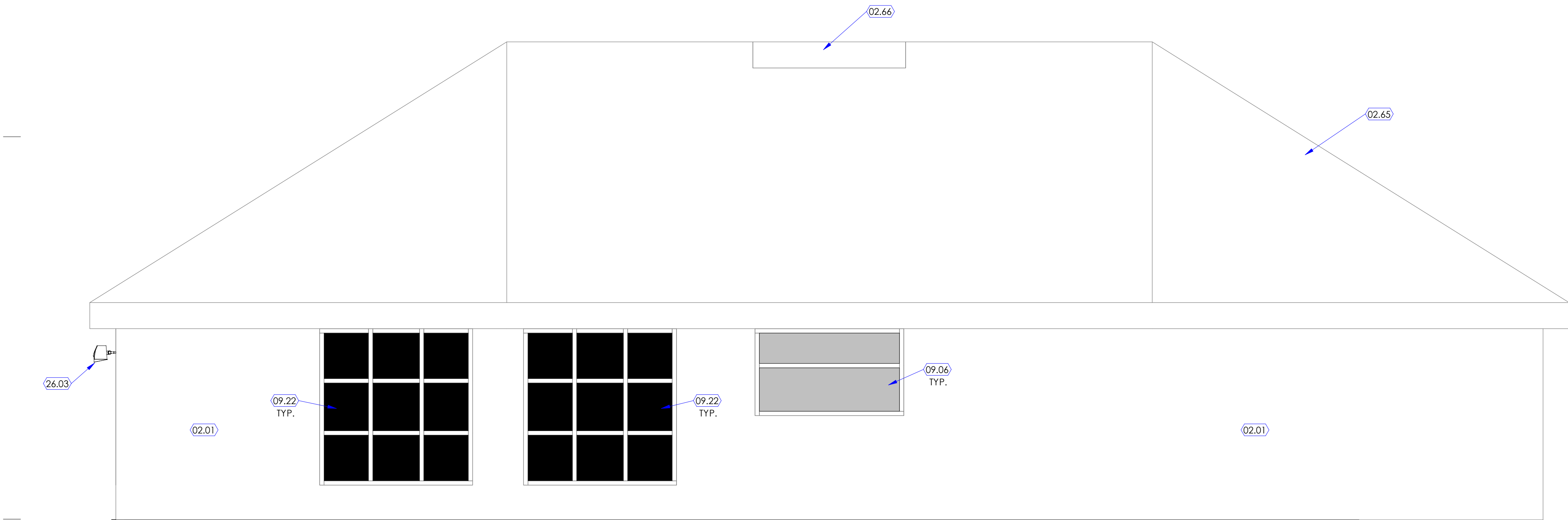
1 North Exterior Elevation

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



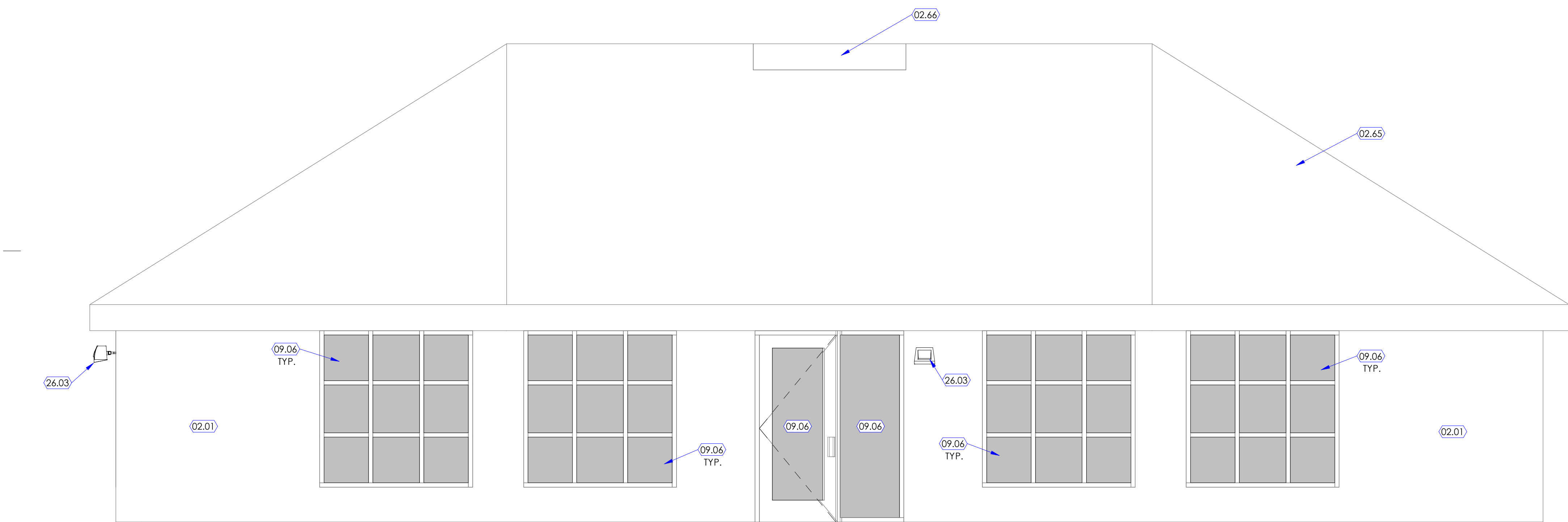
2 South Exterior Elevation

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



3 East Exterior Elevation

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



4 West Exterior Elevation

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

KEYED NOTES

- 02.01 WALL, EXISTING TO REMAIN. PROTECT WALL FROM DAMAGE DURING CONSTRUCTION.
02.65 ROOF, EXISTING TO REMAIN. PROTECT ROOF FROM DAMAGE DURING CONSTRUCTION.
02.66 SKYLIGHT, EXISTING TO REMAIN. PROTECT SKYLIGHT FROM DAMAGE DURING CONSTRUCTION.
04.02 CMU VENEER SOLID GROUT, 4" NOMINAL WIDTH, WITH STACK BOND; MATCH EXISTING FINISH. SEE BUILDING EXTERIOR ELEVATIONS FOR LEGEND.
09.06 WINDOW FILM. SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH FLOOR FINISH TAG.
09.22 EXTERIOR RATED BLACK OUT WINDOW FILM, BASIS OF DESIGN SOLYX OPAQUE EXTERIORS WINDOW FILMS. SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH FLOOR FINISH TAG.
26.03 LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.

COLOR LEGEND

COLOR LEGEND:

SEE FINISH SCHEDULE FOR FLOOR COVERING MATERIALS F1, F2, F3, ETC. ALONG WITH REQUIRED FIELD AND ACCENT COLORS.

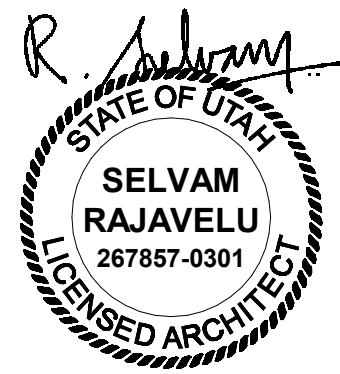
- WINDOW FILM. SEE FINISH FLOOR PLAN AND SCHEDULE
BLACK OUT WINDOW FILM. SEE FINISH FLOOR PLAN AND SCHEDULE
CMU VENEER TO MATCH EXISTING ADJACENT. CONTRACTOR TO COORDINATE WITH ARCHITECT.

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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NJRA Project # 27707.00
Construction Documents Sept 02, 2022

Exterior
Elevations

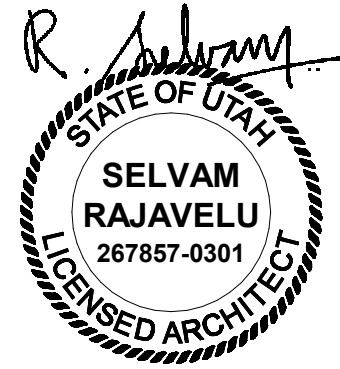
A202

VIEW & PRINT THIS SHEET IN COLOR FOR CLARITY



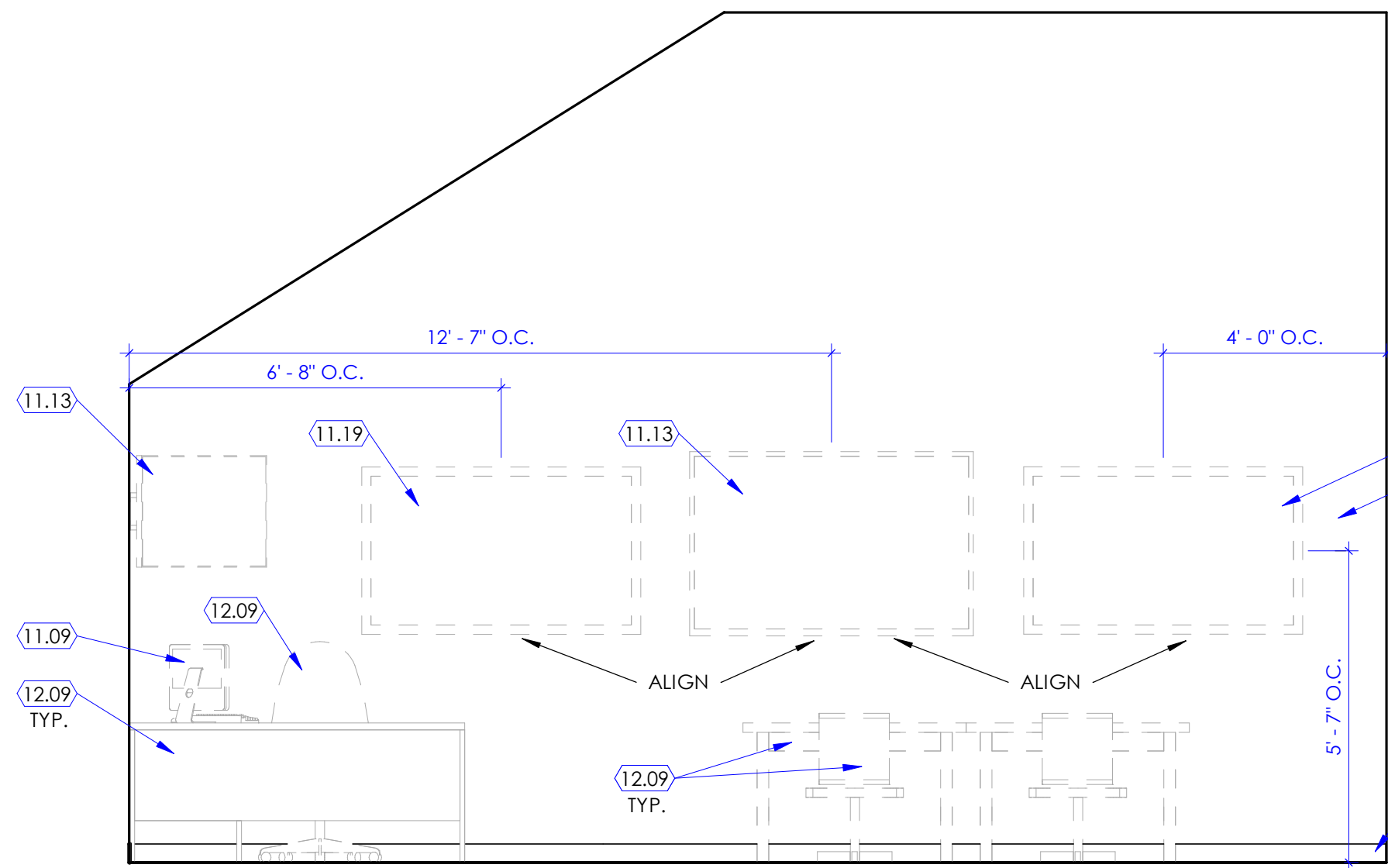


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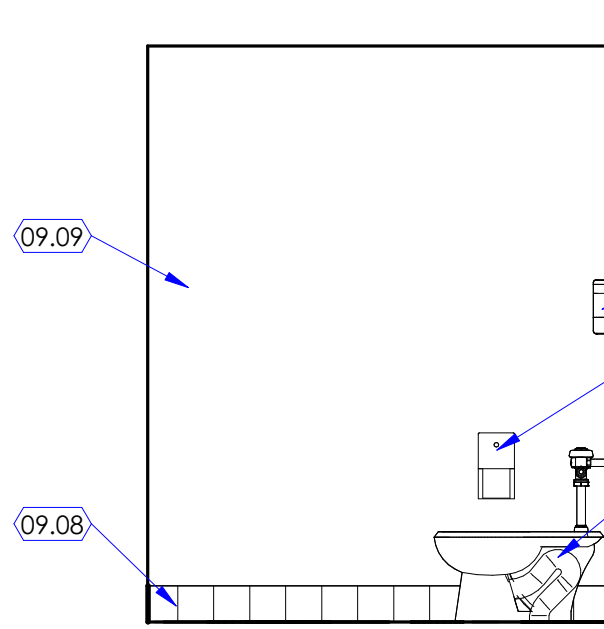


KEYED NOTES

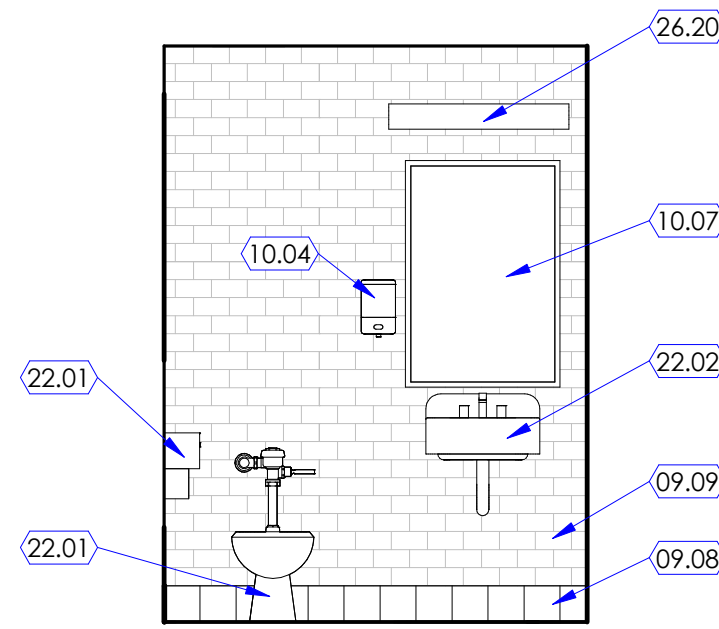
- 02.05 DOOR, EXISTING TO REMAIN. PROTECT DOOR FROM DAMAGE DURING CONSTRUCTION.
- 02.69 WOOD TRUSS, EXISTING TO REMAIN. PROTECT TRUSS FROM DAMAGE DURING CONSTRUCTION.
- 06.01 CABINET, SEE CABINET LEGEND ON SHEET 1/A505A, AND INTERIOR ELEVATIONS, FOR CABINET TYPES SUCH AS BASE CABINETS, WALL CABINETS, TALL CABINETS, ETC.
- 06.02 FILLER PANEL, PLASTIC LAMINATE WRAPPED OVER 3/4" PARTICLE BOARD, PROVIDE FILLER PANEL BETWEEN CABINETS AND BETWEEN CABINET AND WALL, TYPICAL.
- 08.01 DOOR AND DOOR FRAME, SEE DOOR SCHEDULE.
- 09.06 WINDOW FILM, SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH FLOOR FINISH TAG.
- 09.08 WALL BASE, SEE FINISH FLOOR PLANS FOR WALL BASE TYPE INDICATED WITH A WALL BASE TAG (AS B1, B2, B3, ETC.). SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH WALL BASE TAG.
- 09.09 WALL FINISH, SEE FINISH FLOOR PLANS FOR WALL FINISH INDICATED WITH A WALL FINISH TAG (AS W1, W2, W3, ETC.). SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH WALL FINISH TAG.
- 09.21 DOOR FRAME AND WINDOW FRAME FINISH, SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH FLOOR FINISH TAG.
- 09.23 PAINT STEEL BRACES ON TRUSS SYSTEM, SEE FINISH SCHEDULE.
- 10.01 GRAB BAR, PROVIDE GRAB BARS REQUIRED FOR WATER CLOSET, SHOWER, ETC. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 10.02 TOILET PAPER DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING IN WALL AS REQUIRED, SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 10.03 PAPER TOWEL DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING IN WALL AS REQUIRED, SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 10.04 SOAP DISPENSER, OWNER FURNISHED, CONTRACTOR INSTALLED. CONTRACTOR SHALL PROVIDE BACKING FOR ALL OWNER FURNISHED ITEMS. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 10.07 MIRROR, 2'-0" WIDE X 3'-0" HIGH, TYPICAL. SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC.
- 11.03 COOKING RANGE, UNLESS NOTED OTHERWISE, THIS APPLIANCE SHALL BE OWNER FURNISHED CONTRACTOR INSTALLED.
- 11.09 COMPUTER, NOT IN CONTRACT, OWNER FURNISHED OWNER INSTALLED.
- 11.13 TELEVISION (TV), NOT IN CONTRACT, OWNER FURNISHED OWNER INSTALLED. PROVIDE WALL MOUNTED METAL BRACKET TO SUPPORT THE TV. BRACKET SIZE AND MODEL SHALL BE BASED ON THE TV SIZE. PROVIDE PLYWOOD BACKINGS IN WALL AS REQUIRED TO SUPPORT THE TV BRACKET. PROVIDE POWER, DATA AND HDMI PORT. SEE ELECTRICAL DRAWINGS.
- 11.19 WHITE BOARD, NOT IN CONTRACT, OWNER FURNISHED OWNER INSTALLED.
- 11.20 CEILING MOUNTED RANGE HOOD, PROVIDE SUPPORT BRACKET AS REQUIRED PER MANUFACTURER'S RECOMMENDATIONS. SEE ELECTRICAL AND MECHANICAL DRAWINGS.
- 12.02 ROLLER WINDOW SHADE, SEE FINISH FLOOR PLAN AND FINISH SCHEDULE.
- 12.09 FURNITURE, NOT IN CONTRACT, OWNER FURNISHED OWNER INSTALLED.
- 12.11 COUNTERTOP, MONOLITHIC MATERIAL (QUARTZ) WITH WATERFALL EDGE, SEE INTERIOR ELEVATIONS, FINISH FLOOR PLAN AND SCHEDULE.
- 22.01 WATER CLOSET, SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. SEE PLUMBING DRAWINGS.
- 22.02 LAVATORY (SINK), SEE RELEVANT DETAILS 1/G003 AND 1/G004 FOR MOUNTING HEIGHT, LOCATION, ETC. SEE PLUMBING DRAWINGS.
- 22.04 JANITOR'S FLOOR SINK, SEE PLUMBING DRAWINGS.
- 26.03 LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS.
- 26.20 WALL MOUNTED LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS.



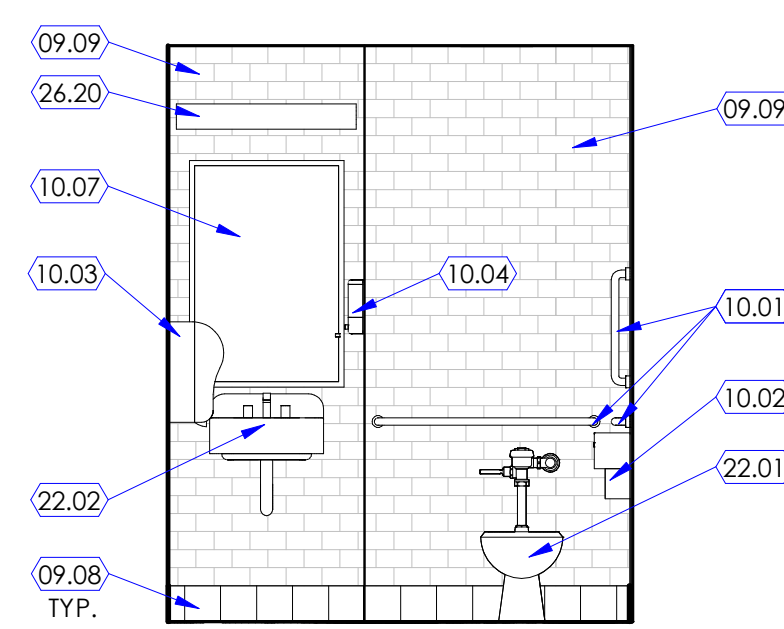
1 A101 Classroom
SCALE: 3/8" = 1'-0"



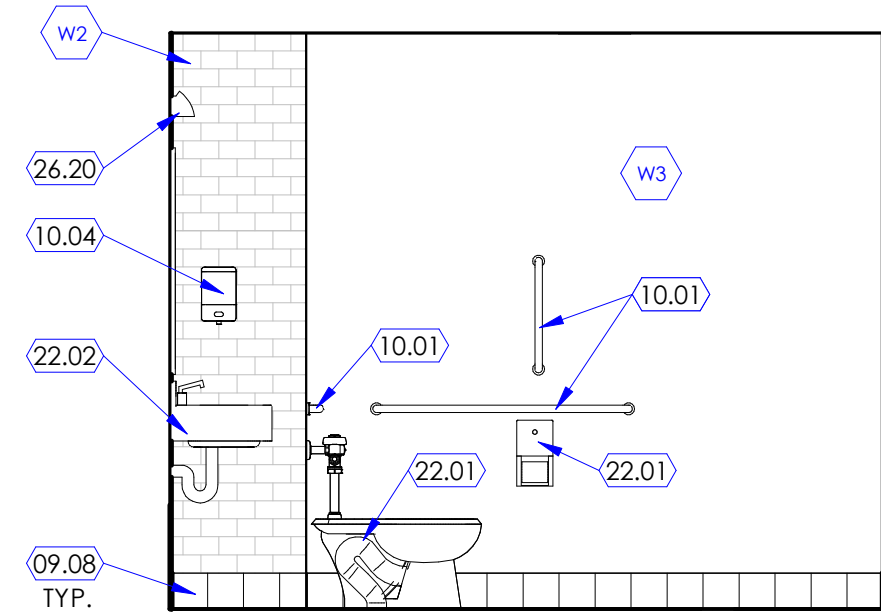
2 A102 Unisex #1
SCALE: 3/8" = 1'-0"



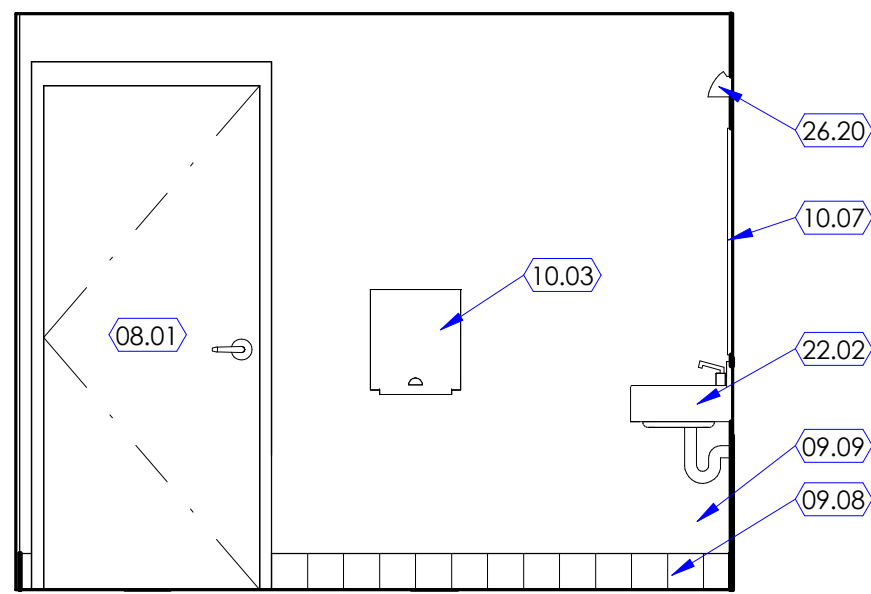
3 A102 Unisex #1
SCALE: 3/8" = 1'-0"



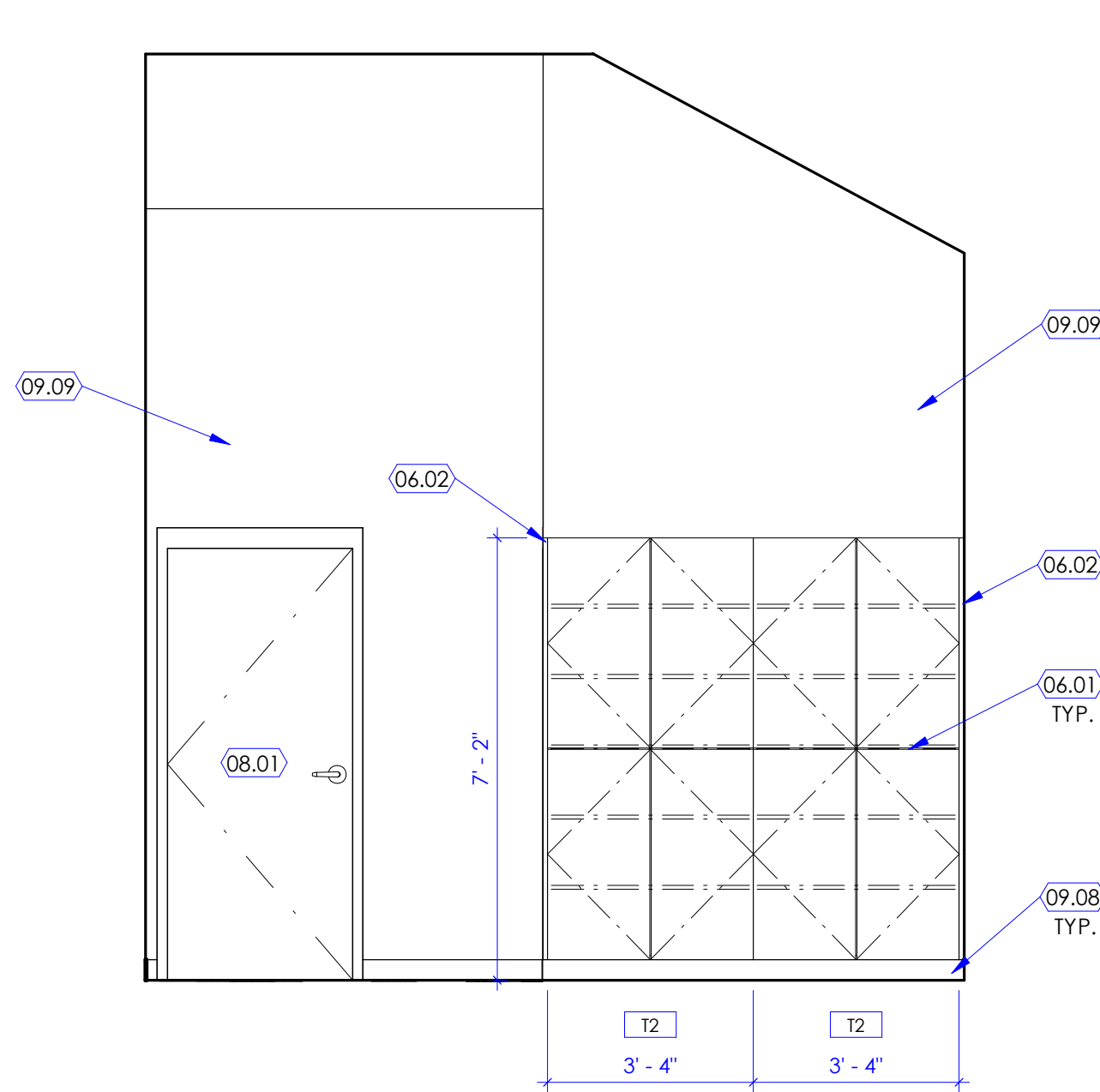
4 A103 Unisex #2 ADA
SCALE: 3/8" = 1'-0"



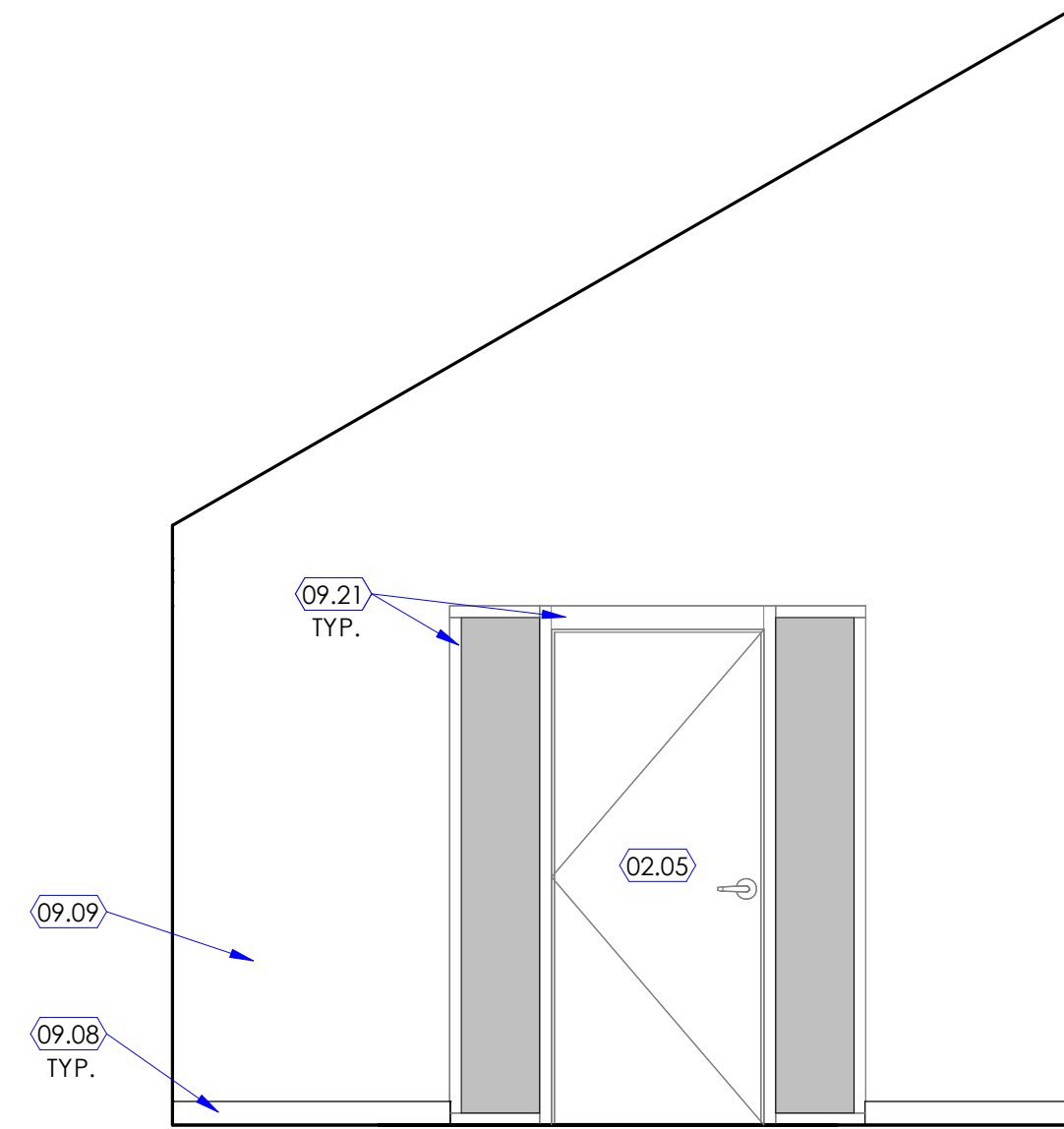
5 A103 Unisex #2 ADA
SCALE: 3/8" = 1'-0"



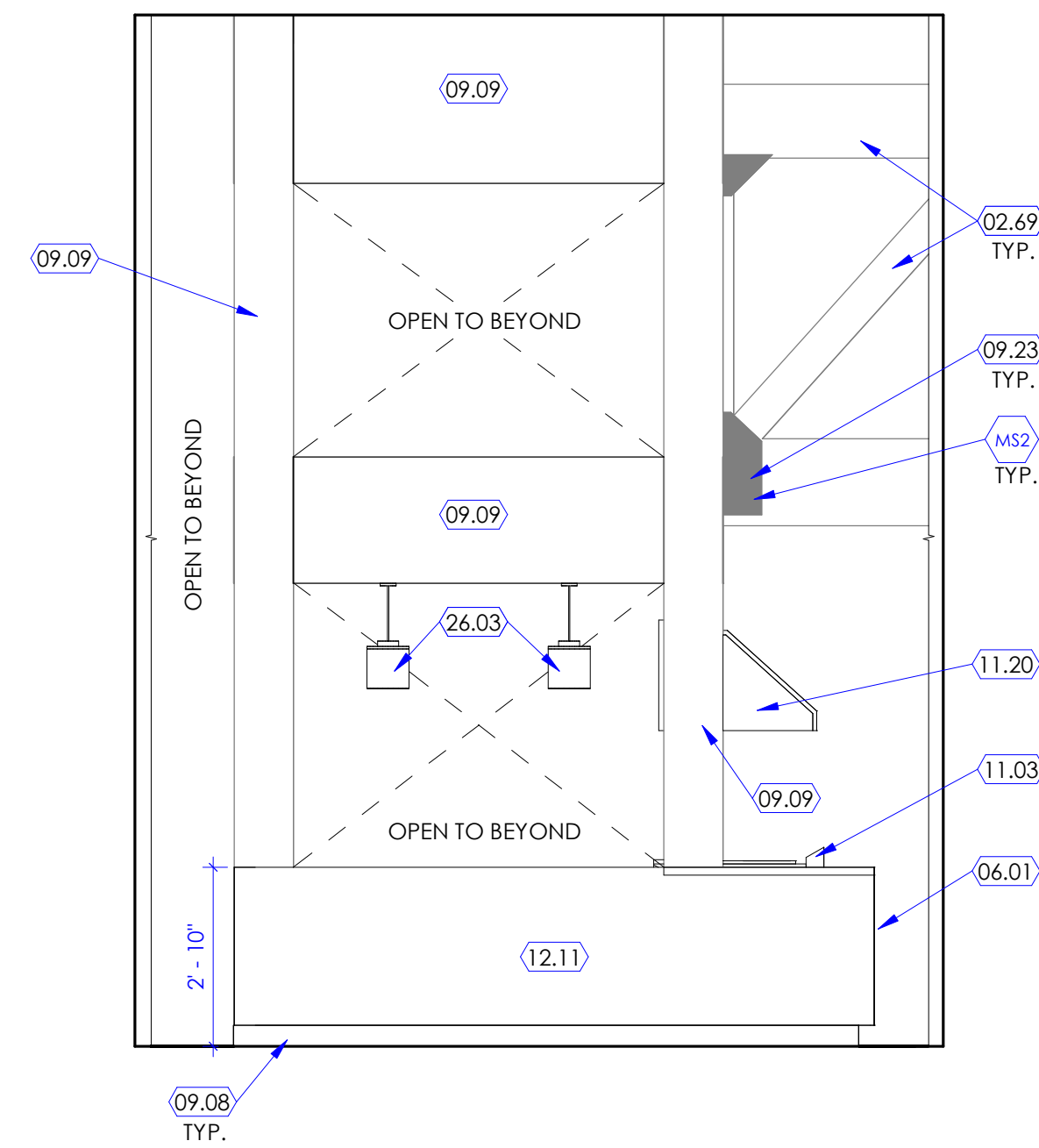
6 A103 Unisex #2 ADA
SCALE: 3/8" = 1'-0"



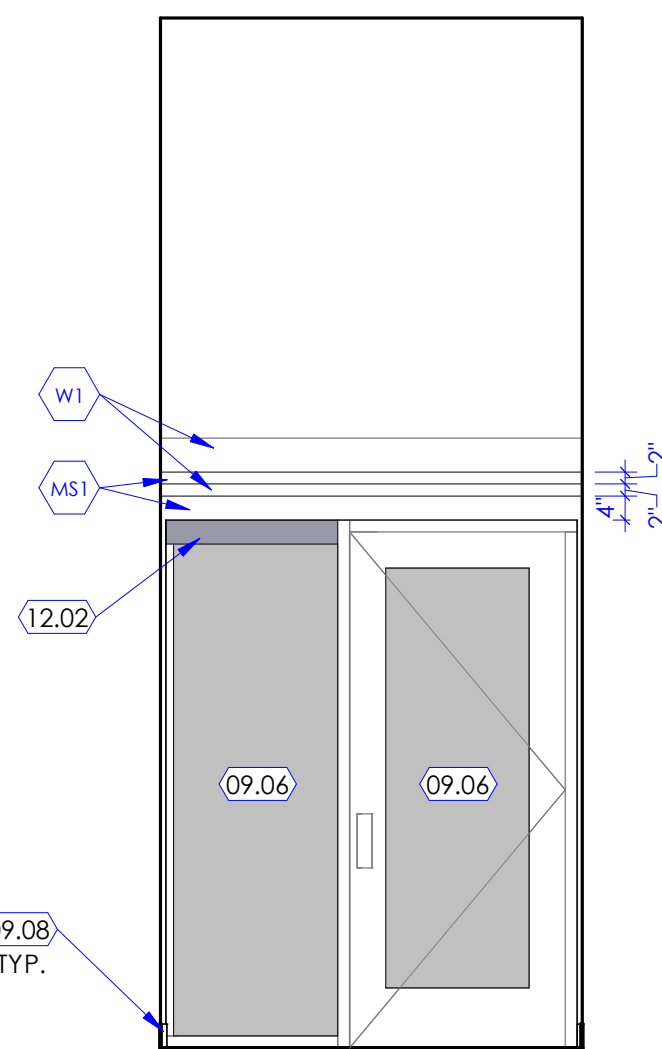
7 A104 Viewing Area
SCALE: 3/8" = 1'-0"



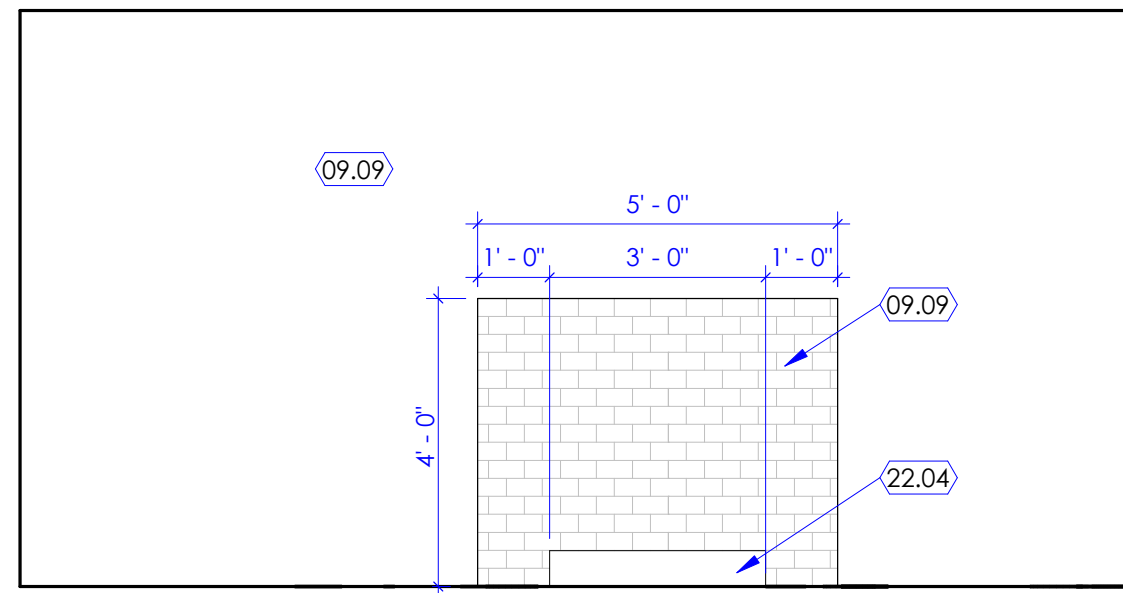
8 Corridor
SCALE: 3/8" = 1'-0"



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



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



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

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.
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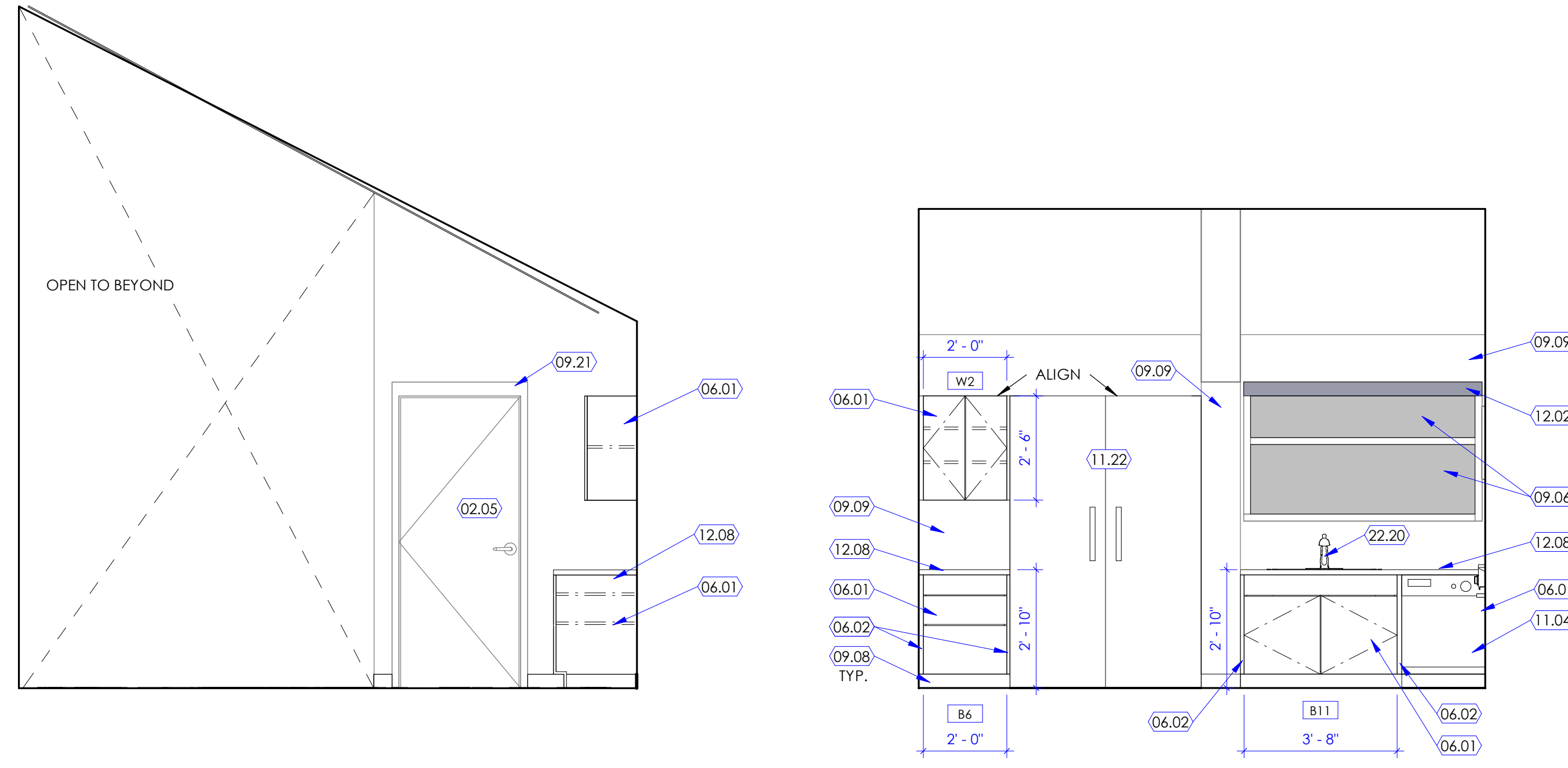
NJRA Project # 27707.00
Construction Documents Sept 02, 2022

Interior
Elevations

A251

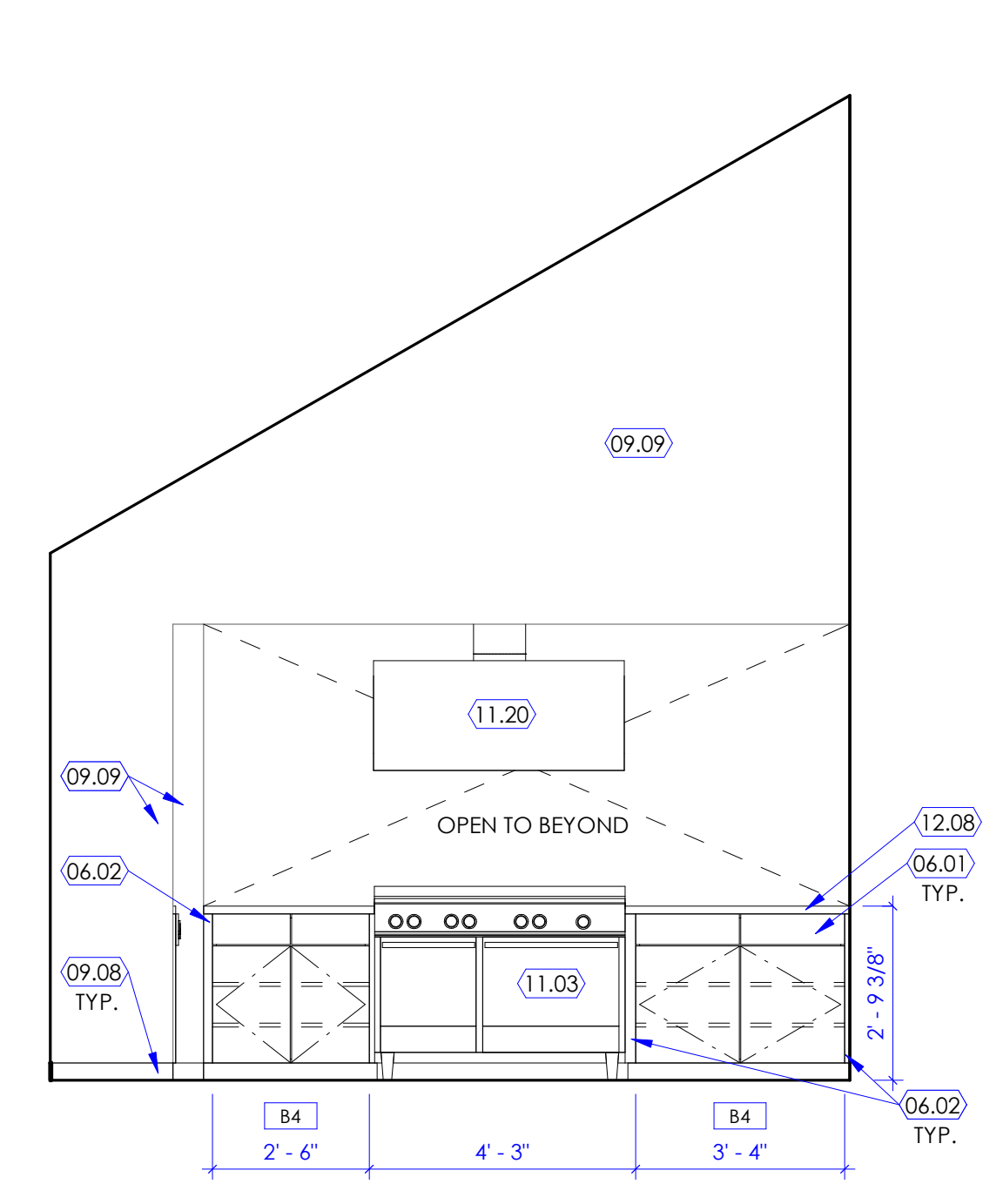
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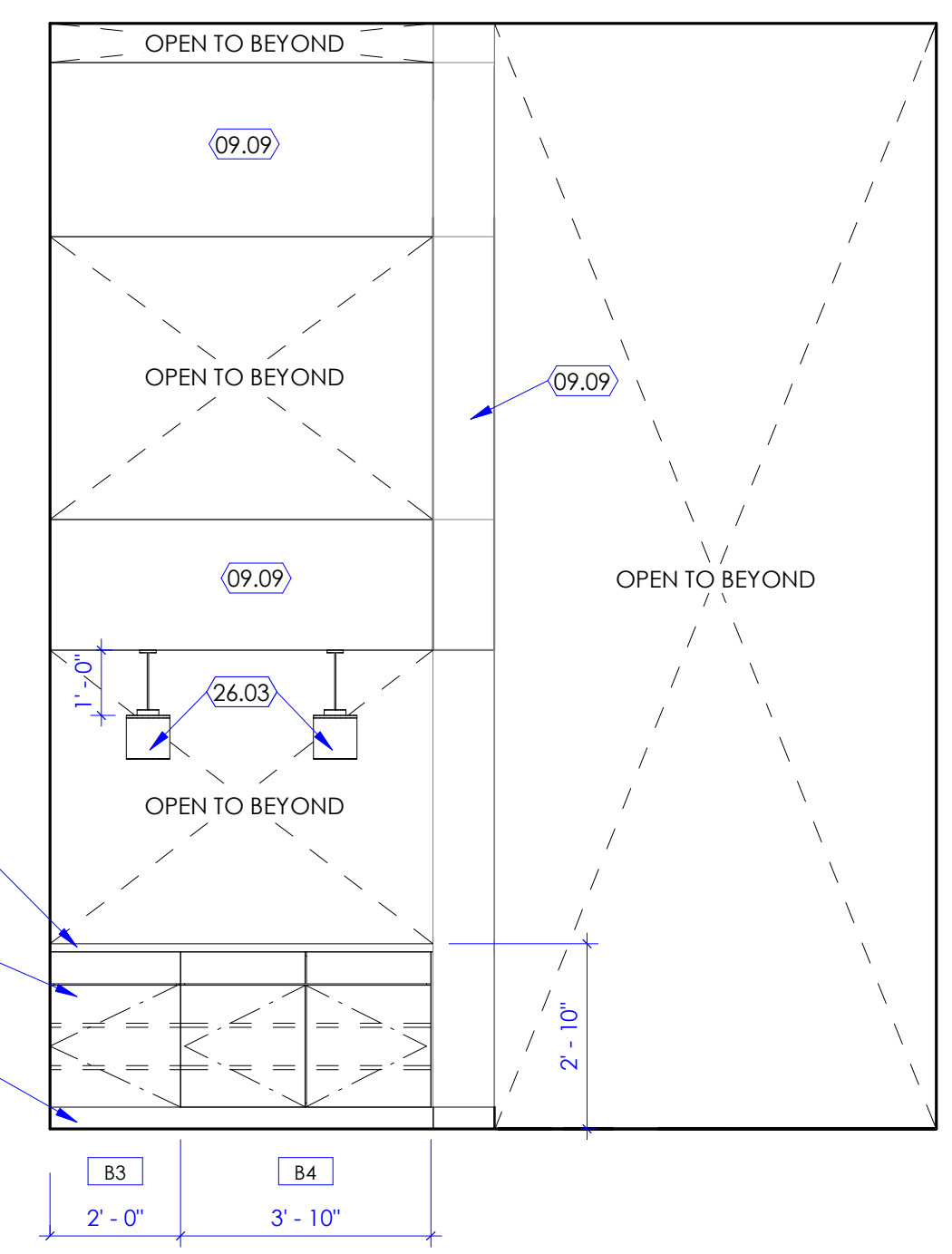


1 A105 Kitchen
SCALE: 3/8" = 1'-0"

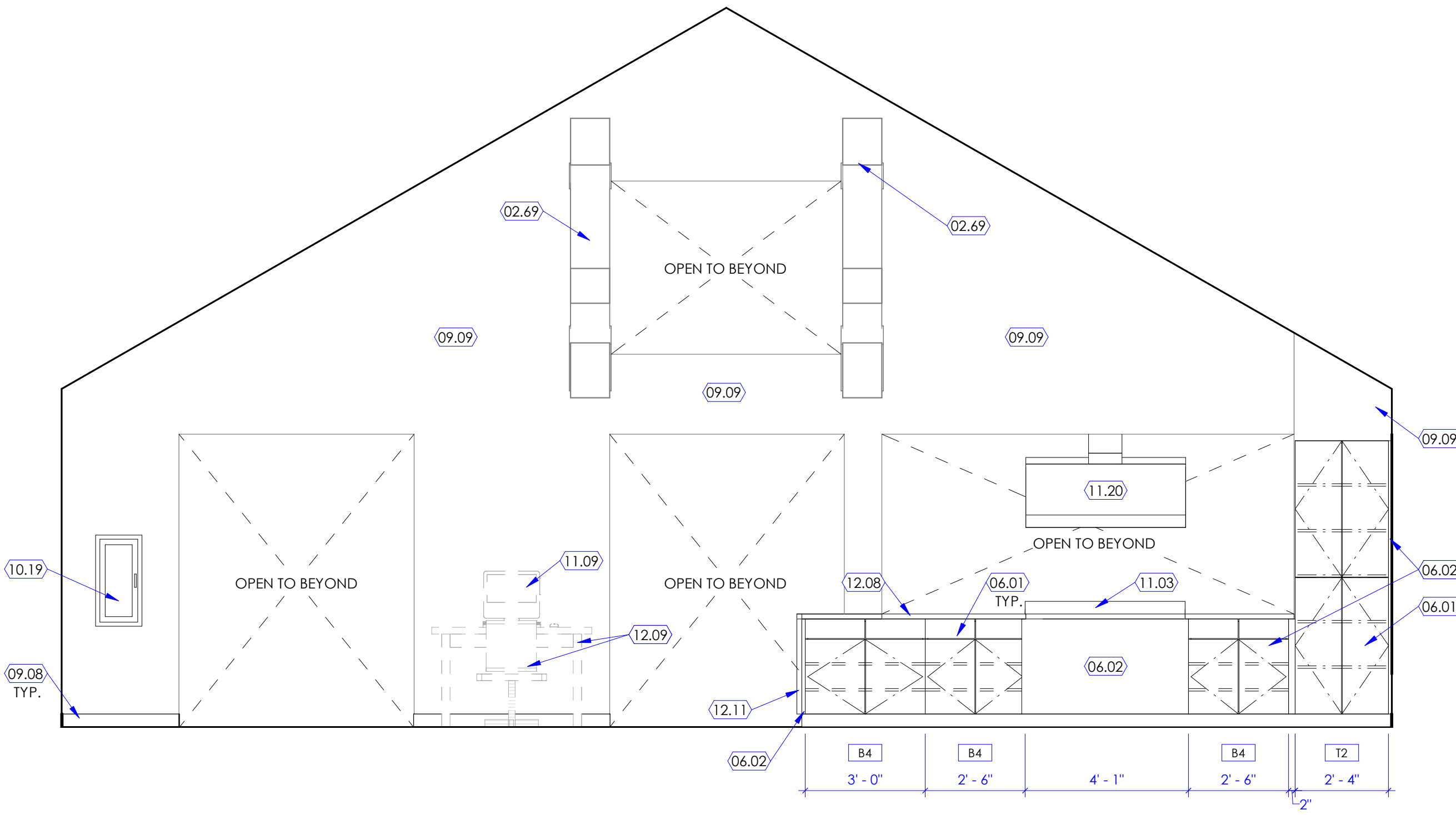
2 A105 Kitchen
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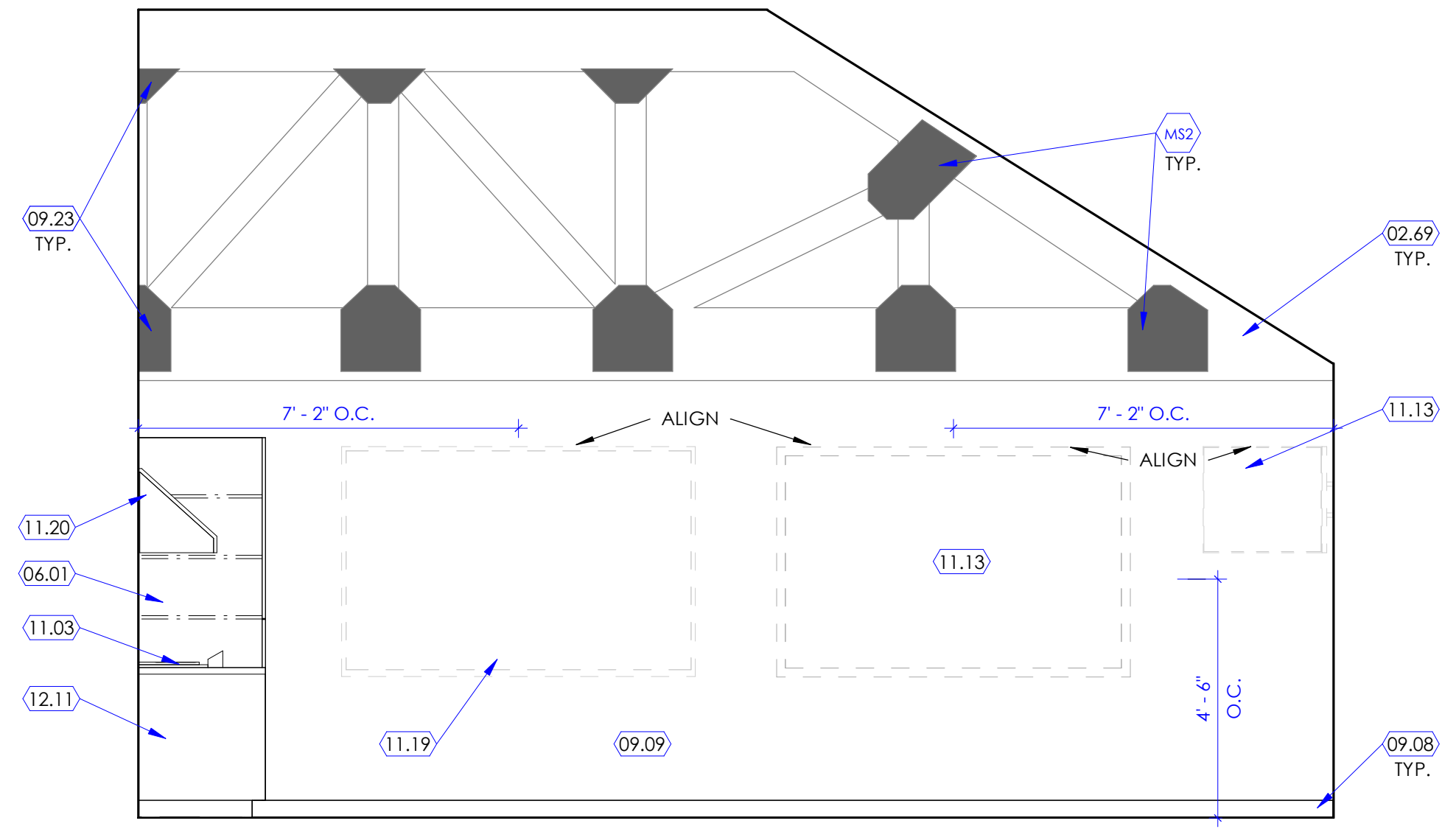
3 A105 Kitchen
SCALE: 3/8" = 1'-0"



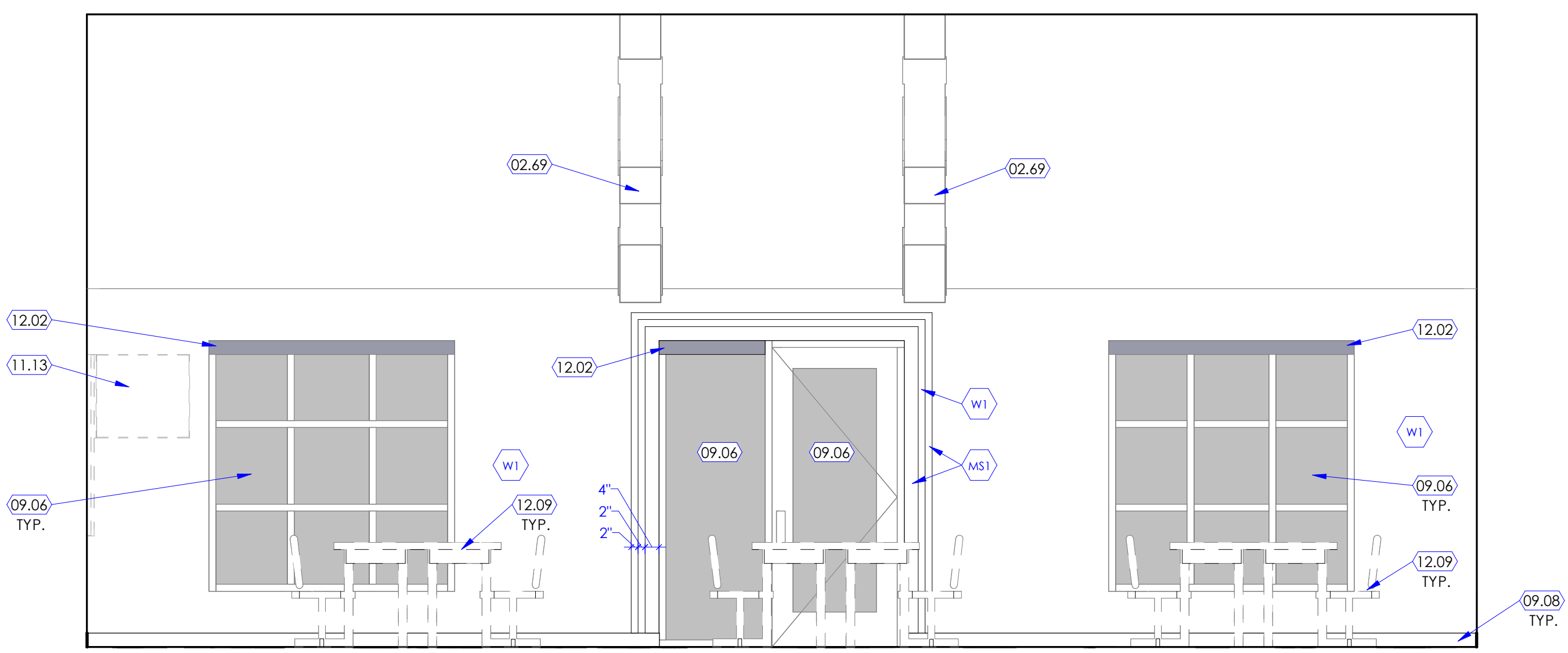
4 A105 Kitchen
SCALE: 3/8" = 1'-0"



5 A106 Multipurpose Room
SCALE: 3/8" = 1'-0"



6 A106 Multipurpose Room
SCALE: 3/8" = 1'-0"



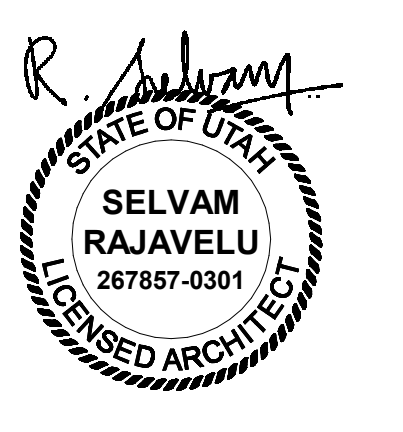
7 A106 Multipurpose Room
SCALE: 3/8" = 1'-0"

KEYED NOTE

- 02.05 DOOR, EXISTING TO REMAIN. PROTECT DOOR FROM DAMAGE DURING CONSTRUCTION.
- 02.69 WOOD TRUSS, EXISTING TO REMAIN. PROTECT TRUSS FROM DAMAGE DURING CONSTRUCTION.
- 06.01 CABINET, SEE CABINET LEGEND ON SHEET 1/A505A, AND INTERIOR ELEVATIONS, FOR CABINET TYPES SUCH AS BASE CABINETS, WALL CABINETS, TALL CABINETS, ETC.
- 06.02 FILLER PANEL, PLASTIC LAMINATE WRAPPED OVER 3/4" PARTICLE BOARD. PROVIDE FILLER PANEL BETWEEN CABINETS AND BETWEEN CABINET AND WALL, TYPICAL.
- 09.06 WINDOW FILM, SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH FLOOR FINISH TAG.
- 09.08 WALL BASE, SEE FINISH FLOOR PLANS FOR WALL BASE TYPE INDICATED WITH A WALL BASE TAG (AS B1, B2, B3, ETC.), SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH WALL FINISH TAG.
- 09.09 WALL FINISH, SEE FINISH FLOOR PLANS FOR WALL FINISH INDICATED WITH A WALL FINISH TAG (AS W1, W2, W3, ETC.), SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH WALL FINISH TAG.
- 09.21 DOOR FRAME AND WINDOW FRAME FINISH, SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH FLOOR FINISH TAG.
- 09.23 PAINT STEEL BRACES ON TRUSS SYSTEM, SEE FINISH SCHEDULE.
- 10.19 FIRE PROTECTION CABINET FOR STORING PORTABLE FIRE EXTINGUISHERS. CABINET SHALL BE RECESSED IN STUD FRAMED WALL. SEE DETAIL 3/A506A.
- 11.03 COOKING RANGE, UNLESS NOTED OTHER WISE, THIS APPLIANCE SHALL BE OWNER FURNISHED CONTRACTOR INSTALLED.
- 11.04 UNDER COUNTER TOP DISH WASHER, UNLESS NOTED OTHER WISE, THIS APPLIANCE SHALL BE OWNER FURNISHED CONTRACTOR INSTALLED. SEE PLUMBING DRAWINGS.
- 11.09 COMPUTER, NOT IN CONTRACT, OWNER FURNISHED OWNER INSTALLED.
- 11.13 TELEVISION (TV), NOT IN CONTRACT, OWNER FURNISHED OWNER INSTALLED. PROVIDE WALL MOUNTED METAL BRACKET TO SUPPORT THE TV. BRACKET SIZE AND MODEL SHALL BE BASED ON THE TV SIZE. PROVIDE PLYWOOD BACKING IN WALL AS REQUIRED TO SUPPORT THE TV BRACKET. PROVIDE POWER, DATA AND HDMI PORT. SEE ELECTRICAL DRAWINGS.
- 11.19 WHITE BOARD, NOT IN CONTRACT, OWNER FURNISHED OWNER INSTALLED.
- 11.20 CEILING MOUNTED RANGE HOOD, PROVIDE SUPPORT BRACKET AS REQUIRED PER MANUFACTURER'S RECOMMENDATIONS, SEE ELECTRICAL AND MECHANICAL DRAWINGS.
- 11.22 REFRIGERATOR, UNLESS NOTED OTHER WISE, THIS APPLIANCE SHALL BE OWNER FURNISHED CONTRACTOR INSTALLED.
- 12.02 ROLLER WINDOW SHADE, SEE FINISH FLOOR PLAN AND FINISH SCHEDULE.
- 12.08 COUNTERTOP, MONOLITHIC MATERIAL (QUARTZ)
- 12.09 FURNITURE, NOT IN CONTRACT, OWNER FURNISHED OWNER INSTALLED.
- 12.11 COUNTERTOP, MONOLITHIC MATERIAL (QUARTZ) WITH WATERFALL EDGE, SEE INTERIOR ELEVATIONS, FINISH FLOOR PLAN AND SCHEDULE.
- 22.20 KITCHEN SINK, SEE INTERIOR ELEVATIONS, A505A CABINET LEGEND & DETAILS, AND PLUMBING DRAWINGS.
- 26.03 LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS.



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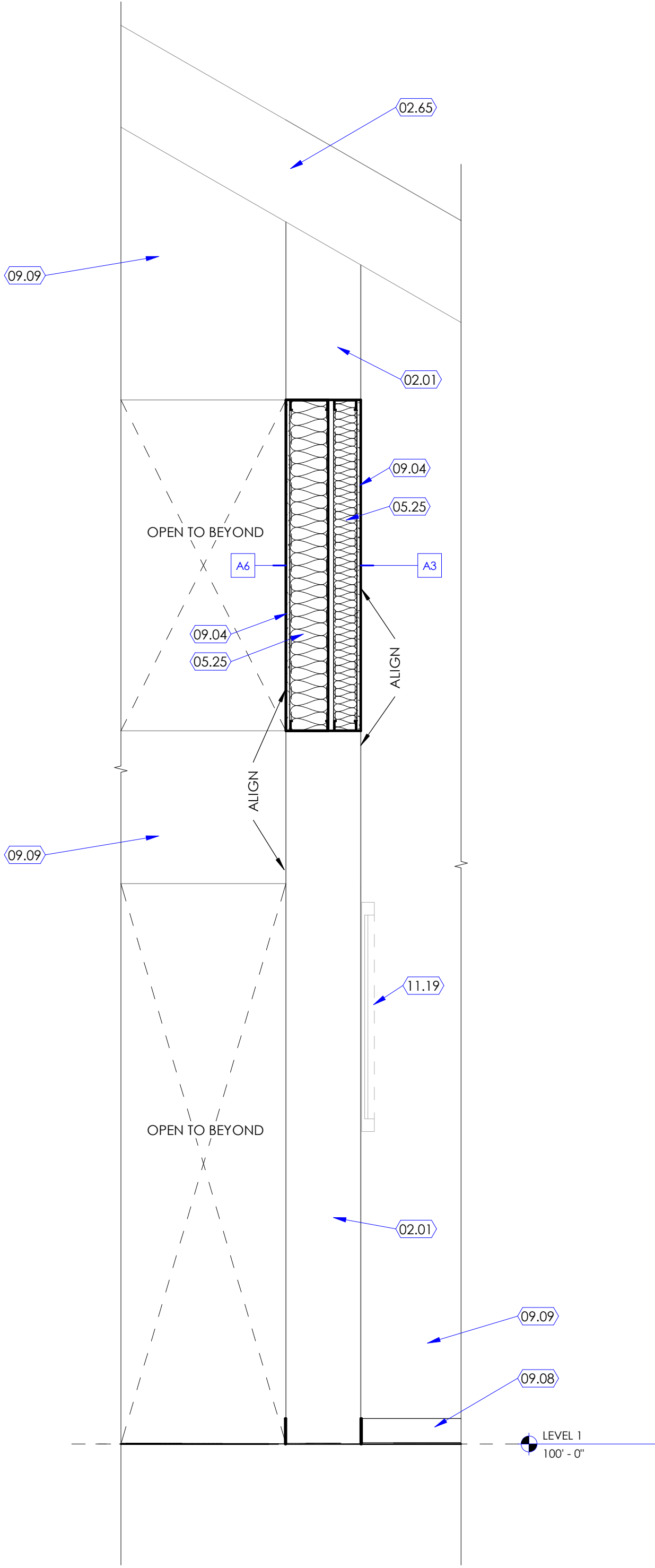
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Interior
Elevations

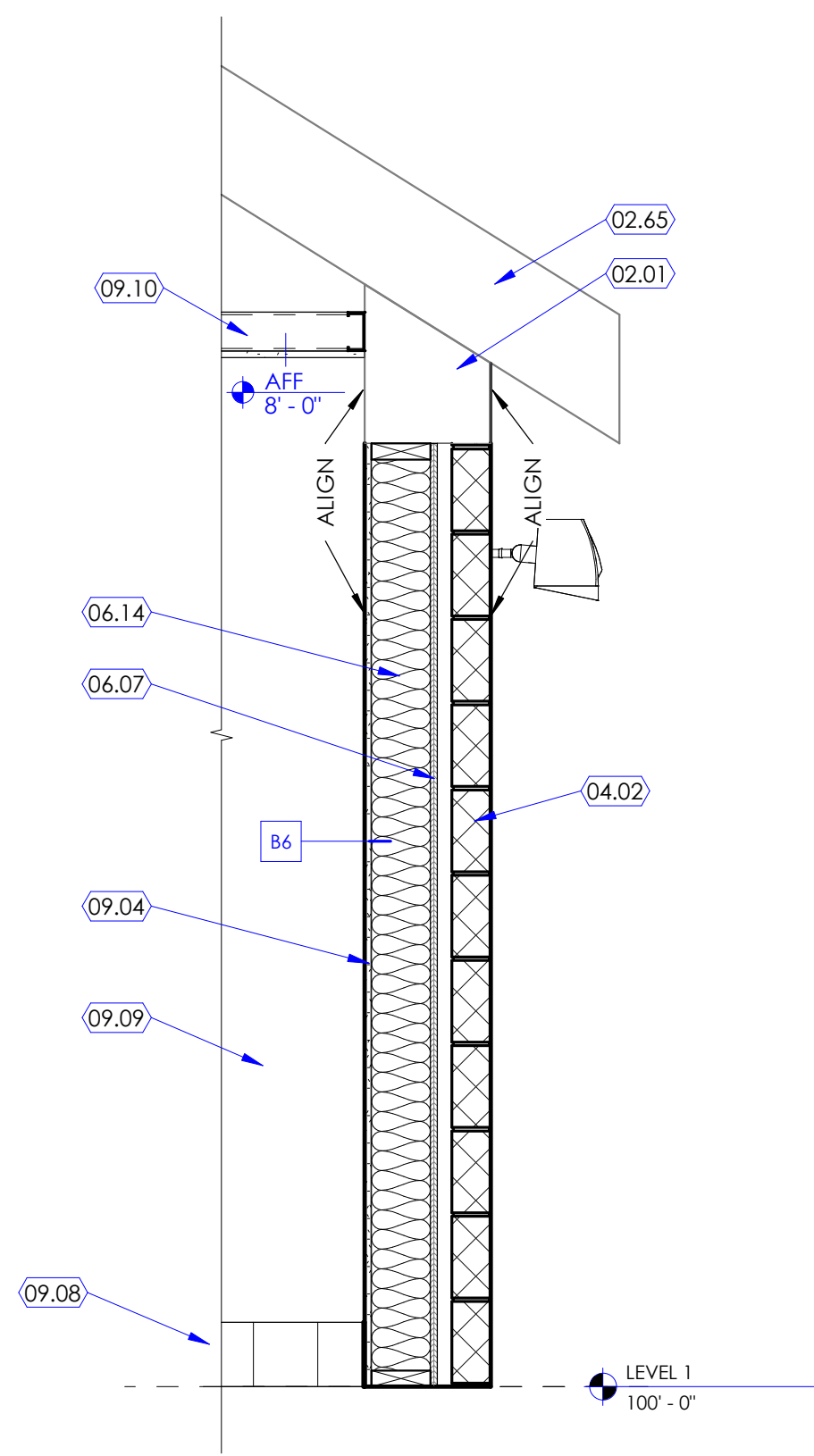
A252

VIEW & PRINT THIS SHEET IN COLOR FOR CLARITY

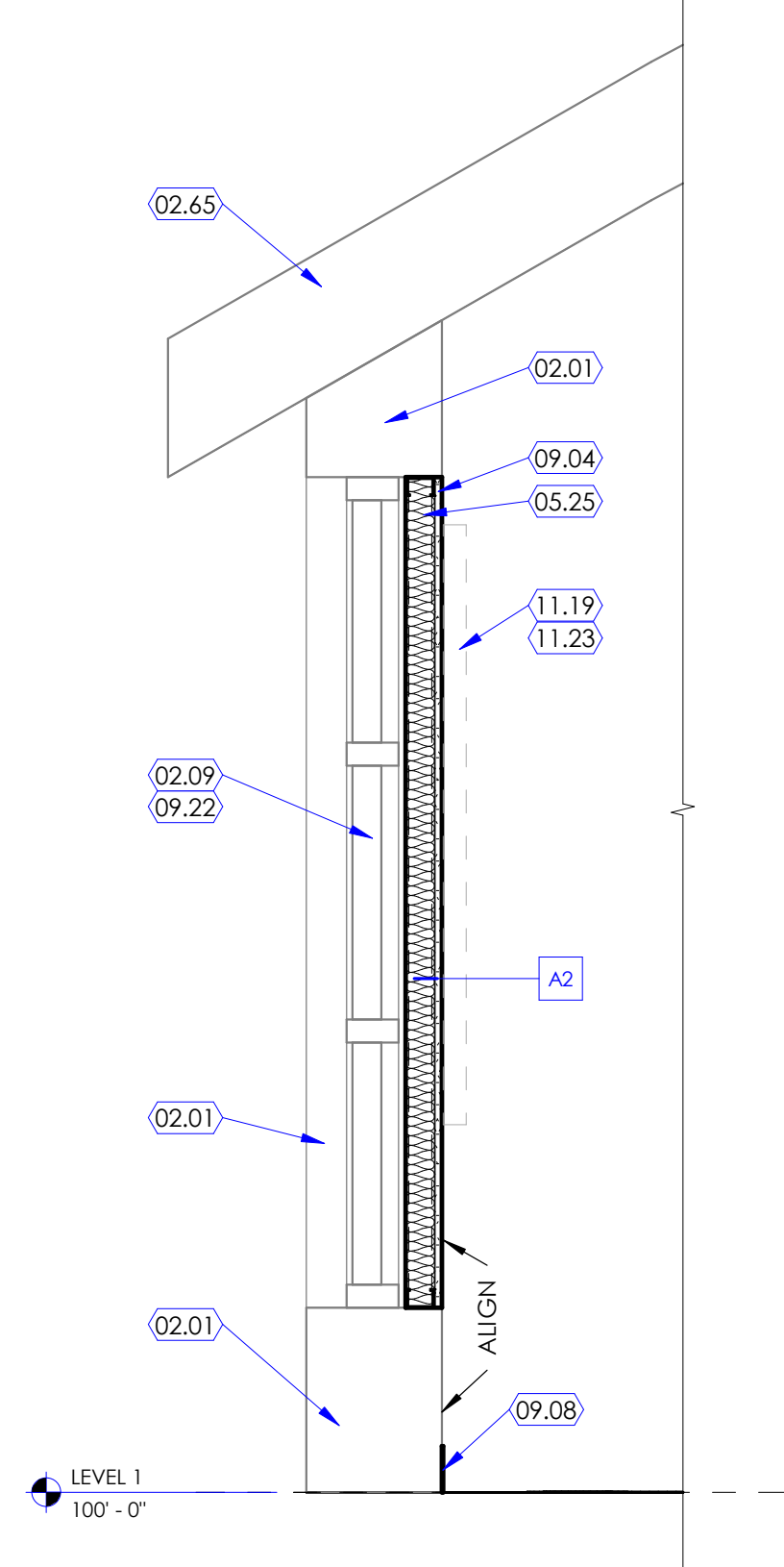




1 Wall Section @ Upper Wall Infilling
SCALE: 3/4" = 1'-0"



2 Wall Section @ Exterior Wall
SCALE: 3/4" = 1'-0"



3 Wall Section @ Window
SCALE: 3/4" = 1'-0"

KEYED NOTES

- 02.01 WALL, EXISTING TO REMAIN. PROTECT WALL FROM DAMAGE DURING CONSTRUCTION.
- 02.09 WINDOW, EXISTING TO REMAIN. PROTECT WINDOW FROM DAMAGE DURING CONSTRUCTION.
- 02.65 ROOF, EXISTING TO REMAIN. PROTECT ROOF FROM DAMAGE DURING CONSTRUCTION.
- 04.02 CMU VENEER SOLID GROUT, 4" NOMINAL WIDTH, WITH STACK BOND; MATCH EXISTING FINISH. SEE BUILDING EXTERIOR ELEVATIONS FOR LEGEND.
- 05.25 METAL STUD FRAMING, AT EXTERIOR WALLS, PROVIDE 4" THICK, 20 GAUGE METAL STUDS AT 16" ON CENTER WITH MATCHING RUNNERS AT TOP AND BOTTOM. PROVIDE SLIP CONNECTION AT TOP OF FRAMING SYSTEM PER DETAIL 9/A502A. PROVIDE BATT INSULATION BETWEEN STUDS AS INDICATED. AT INTERIOR WALLS, SEE WALL TYPES, SHEET A501A, FOR WALL CONSTRUCTION.
- 06.07 PLYWOOD, PLYWOOD SHALL BE 5/8" THICK, FIRE RATED, PROVIDE PLYWOOD IN LIEU OF GYPSUM BOARD AT STUD WALLS FROM FLOOR TO CEILING, AT CMU MASONRY WALL, ATTACH PLYWOOD TO WALL DIRECTLY WITH MASONRY ANCHOR TYPE FASTENERS. THIS PLYWOOD SHALL PROVIDE AS A BACKING FOR WALL MOUNTED BRACKETS OF ELECTRONIC EQUIPMENT (ROUTER, NETWORK SWITCH, ETC.).
- 06.14 WOOD STUD, 2 X FRAMING TO MATCH EXISTING.
- 09.04 GYPSUM BOARD, 5/8" THICK, ATTACHED TO METAL STUD FRAMING, PROVIDE FIRE RATED (TYPE 'X') GYPSUM BOARD, IF WALLS OR CEILINGS ARE FIRE RATED, PROVIDE CEMENTITIOUS BOARD IF CERAMIC OR PORCELAIN WALL TILES ARE INDICATED IN THE FINISH SCHEDULE AS WALL FINISH, UNLESS NOTED OTHERWISE, PROVIDE CONTROL JOINT AS PER DETAIL 14/A502A WHEN LENGTH OF GYPSUM BOARD EXCEEDS 50' IN ONE DIRECTION, COORDINATE WITH ARCHITECT FOR JOINT LOCATIONS.
- 09.08 WALL BASE, SEE FINISH FLOOR PLANS FOR WALL BASE TYPE INDICATED WITH A WALL BASE TAG (AS B1, B2, B3, ETC.). SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH WALL BASE TAG.
- 09.09 WALL FINISH, SEE FINISH FLOOR PLANS FOR WALL FINISH INDICATED WITH A WALL FINISH TAG (AS W1, W2, W3, ETC.). SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH WALL FINISH TAG.
- 09.10 CEILING, SEE REFLECTED CEILING PLANS FOR CEILING HEIGHT AND CEILING TYPE INDICATED WITH A CEILING TAG (AS C1, C2, C3, ETC.). SEE FINISH SCHEDULE ON SHEET A603A, FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH CEILING TAG.
- 09.22 EXTERIOR RATED BLACK OUT WINDOW FILM, BASIS OF DESIGN SOLYX OPAQUE EXTERIOR WINDOW FILMS, SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL, SIZE, COLOR, ETC. FOR EACH FLOOR FINISH TAG.
- 11.19 WHITE BOARD, NOT IN CONTRACT, OWNER FURNISHED OWNER INSTALLED.
- 11.23 SMART WHITE BOARD, NOT IN CONTRACT, OWNER FURNISHED OWNER INSTALLED, PROVIDE POWER, DATA AND HDMI PORT. SEE ELECTRICAL DRAWINGS.

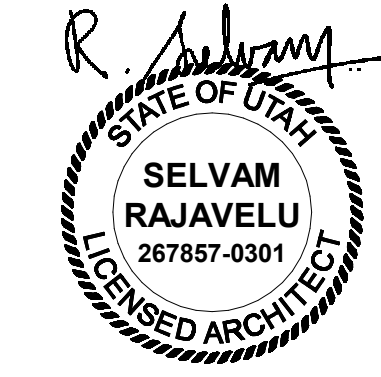
LEGEND

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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Wall Sections

A351

KEYED NOTE

- LINE OF FLOOR OR ROOF DECK AS OCCURS.
- TO ACCOMMODATE FOR STRUCTURE DEFLECTION, PROVIDE SLIP CONNECTION BETWEEN TOP RUNNER TRACK AND METAL STUD FRAMING. SEE DETAIL 9 / A502B
- STUD FRAMING AROUND DUCT OPENINGS. SEE DETAIL 11 / A502A
- METAL STUDS, 20 GA STRUCTURAL (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" 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, "I" SHAPED WITH UNEQUAL LEGS OF 1" AND 2", 20 GA, ATTACHED TO FLOOR AND STRUCTURE ABOVE WITH FASTENERS LOCATED NO GREATER THAN 2" FROM ENDS AND NO MORE THAN 24" O.C. RUNNERS SHOULD BE POSITIONED WITH SHORT LEG TO FINISHED SIDE OF WALL.
- STOP STUD RUNNER AT BASE PLATES.
- STEEL PLATE, 3/8" THICK WITH 4-1/2" DIA. HILTI-HY200 EPOXY ANCHORS WITH 2-3/8" HILTI-HIT-2 ANCHORS. EMBED INTO CONCRETE 2-3/8".
- TUBE STEEL 3" x 3" x 3/16" AT 4'-0" O.C.
- WALL CAP, ATTACHED TO WALL BELOW. USE FINISH SCHEDULE FOR MATERIAL.
- 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 MIL) AT 16" O.C. PROVIDE RUNNERS AT TOP AND BOTTOM. ATTACH TOP RUNNER TO PLYWOOD AND VERTICAL STEEL POST.
- LINE OF FLOOR.
- RESILIENT CHANNEL, 2" X 1/2", INSTALLED HORIZONTALLY AND SPACED AT 24" O.C.
- WHERE CONDITIONS PROHIBIT EXTENDING STUDS TO DECK, PROVIDE CROSS BRACING FROM TOP RUNNER OF WALL TO STRUCTURE ABOVE WITH 5/8" 20 GA STUDS AT 4'-0" O.C. ALTERNATE DIRECTION OF BRACING TO STRUCTURE EVERY 48" AS CONDITIONS ALLOW.
- TOP TRACK, 18 GA. REQUIRED AT CROSS-BRACED WALLS.

GENERAL NOTES

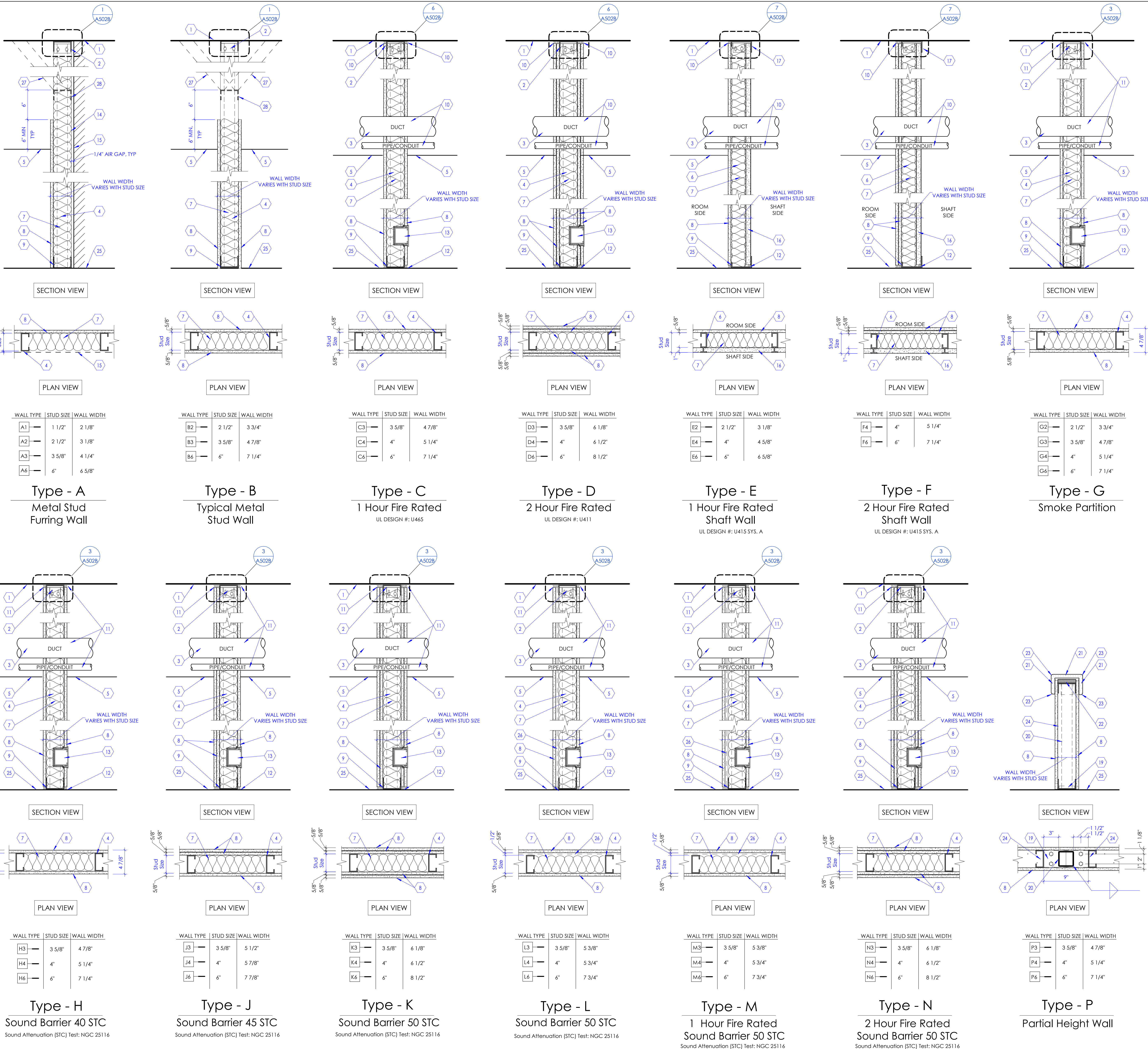
- CONTRACTOR SHALL VERIFY ITEMS LIKE SEMI OR FULLY RECESSED MISCELLANEOUS BOXES, PANELS, PLUMBING LINES, CONDUITS, PIPES, ETC. THAT ARE CONCEALED IN THE WALL IF 3/8" METAL STUDS ARE INADEQUATE. CONTRACTOR SHALL NOTIFY THE ARCHITECT AND USE 6" STUDS. COORDINATE WITH ALL CONSULTANT DRAWINGS PRIOR TO WALL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

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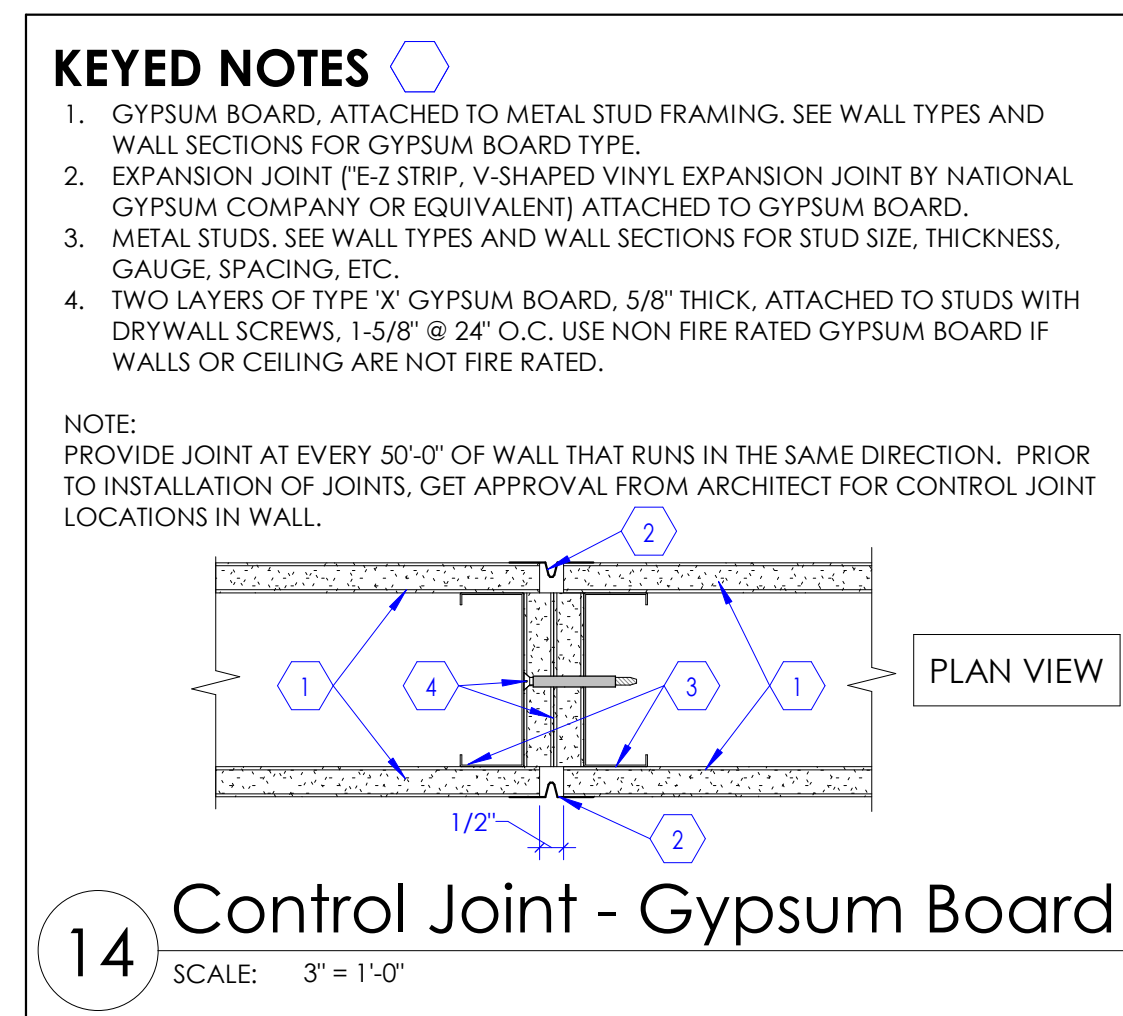
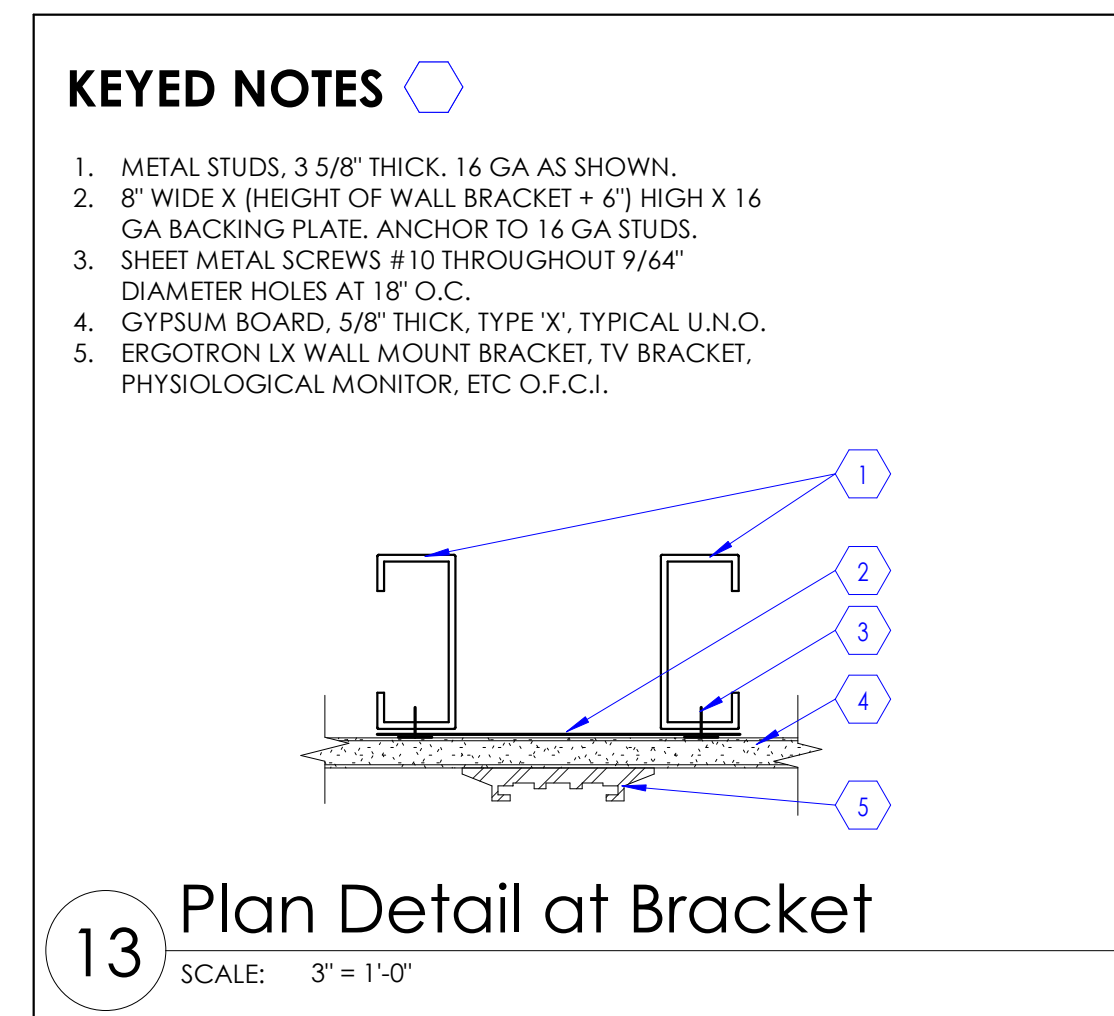
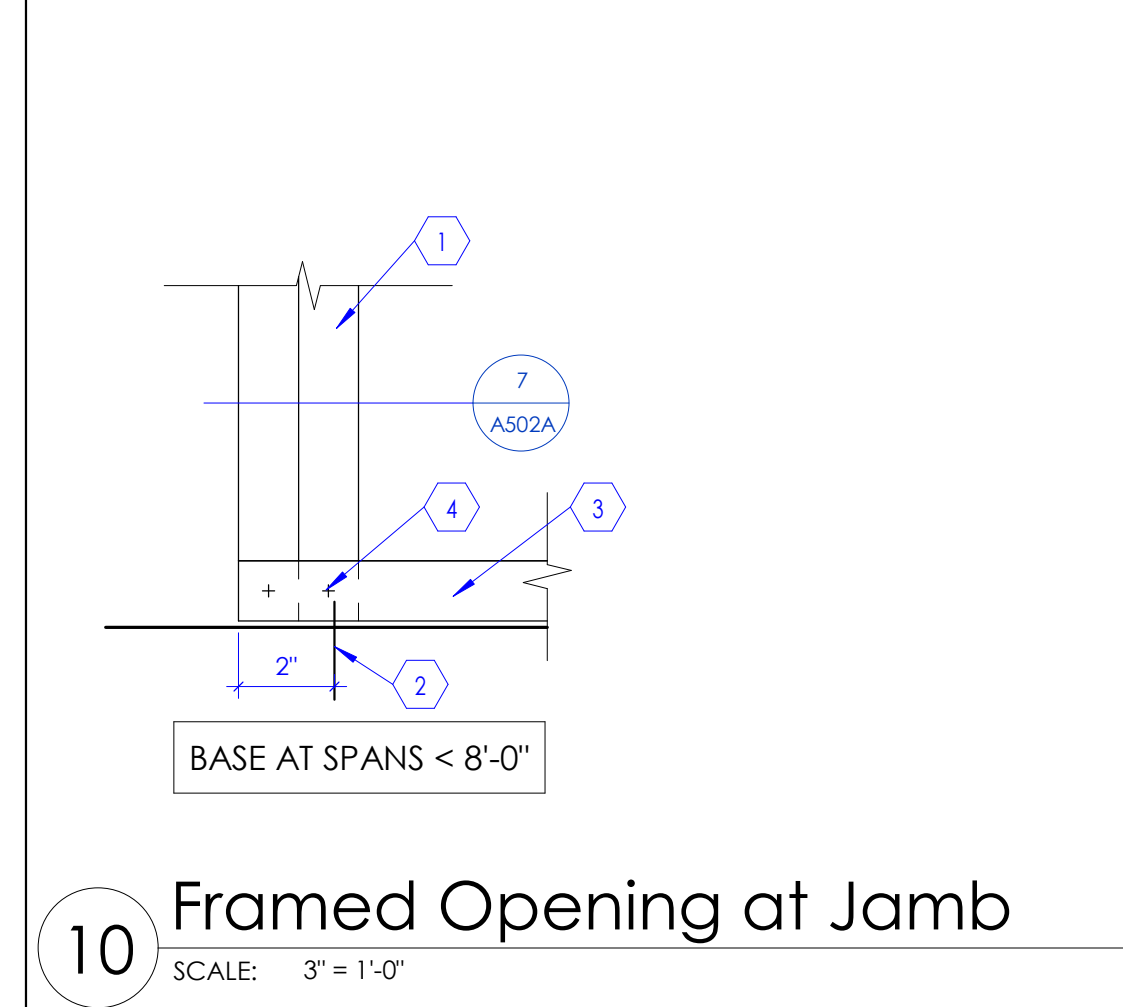
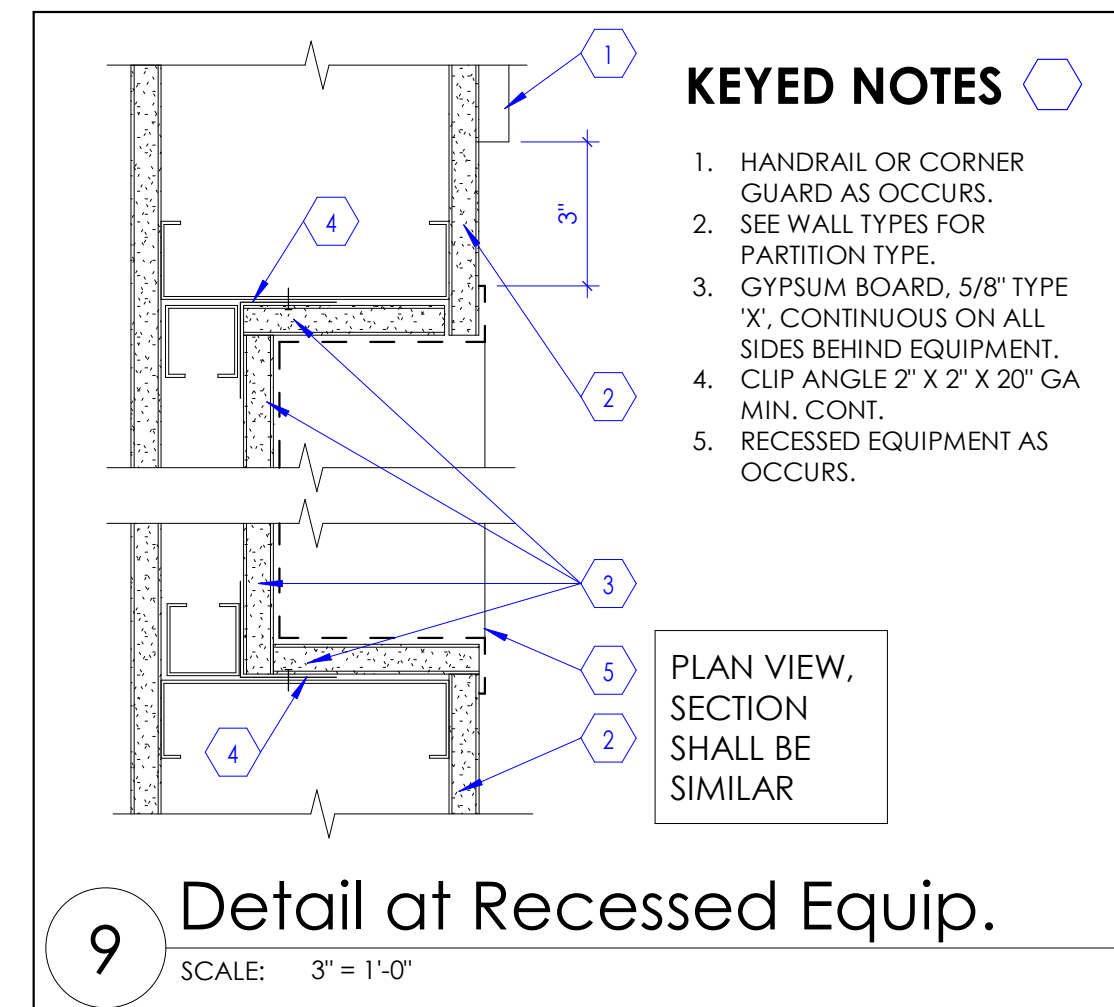
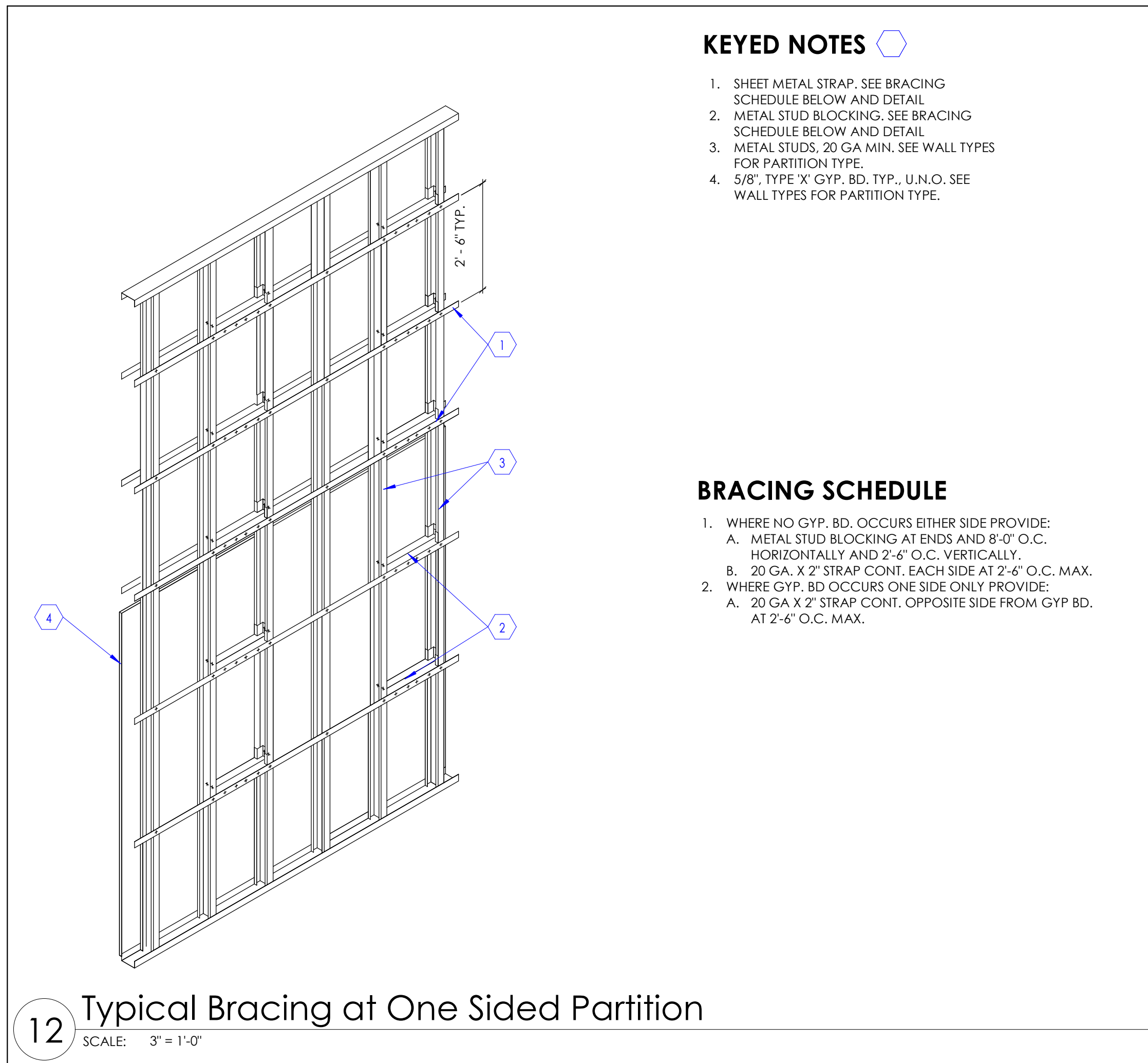
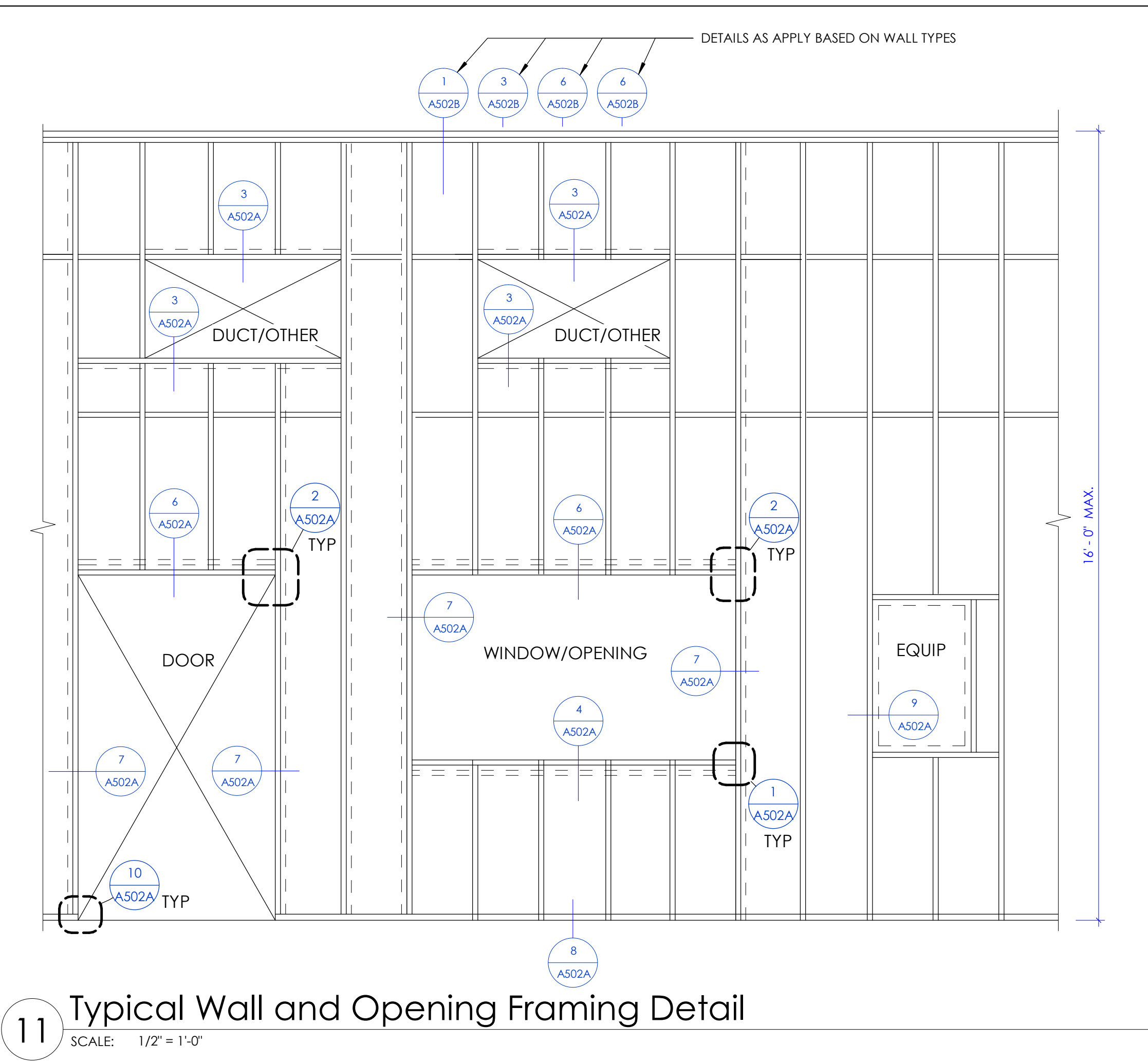
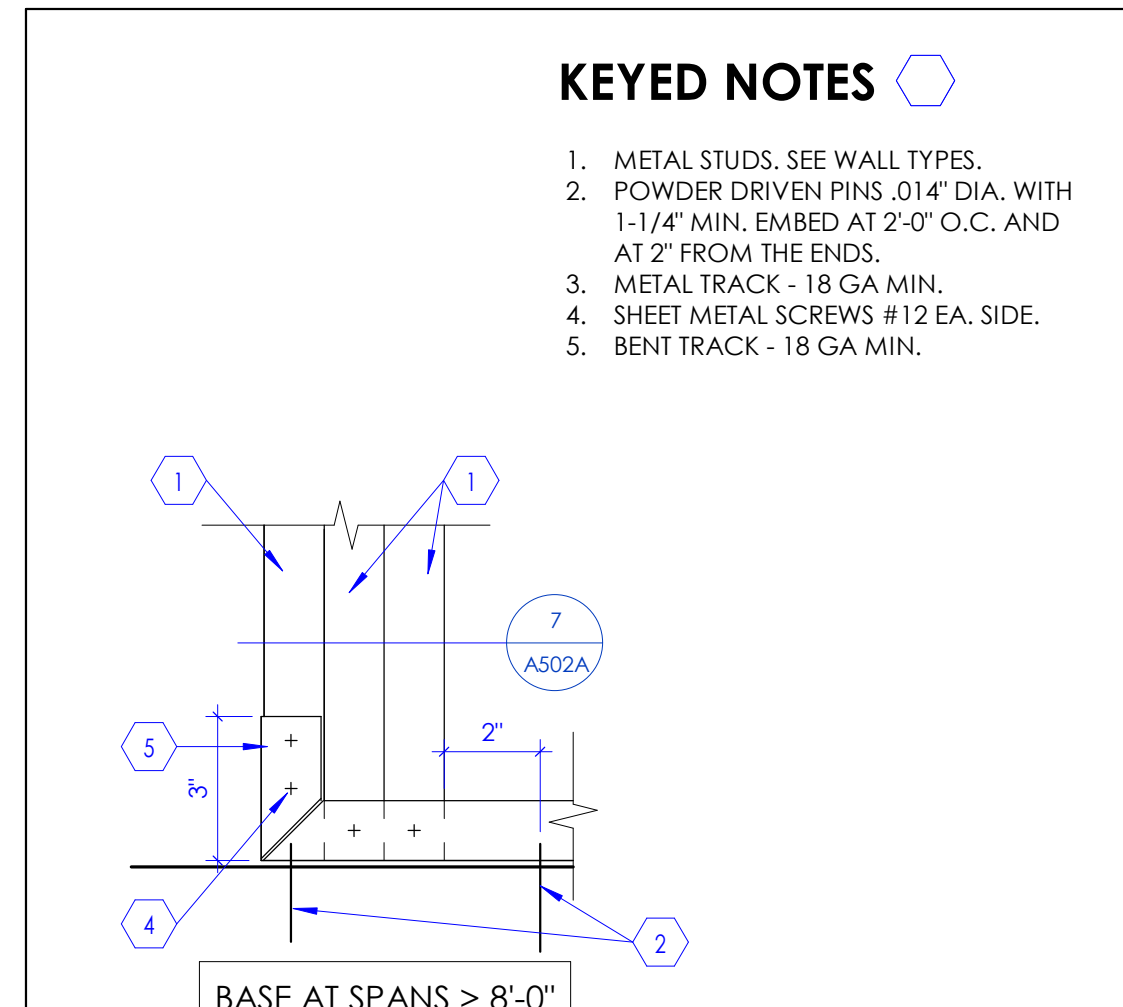
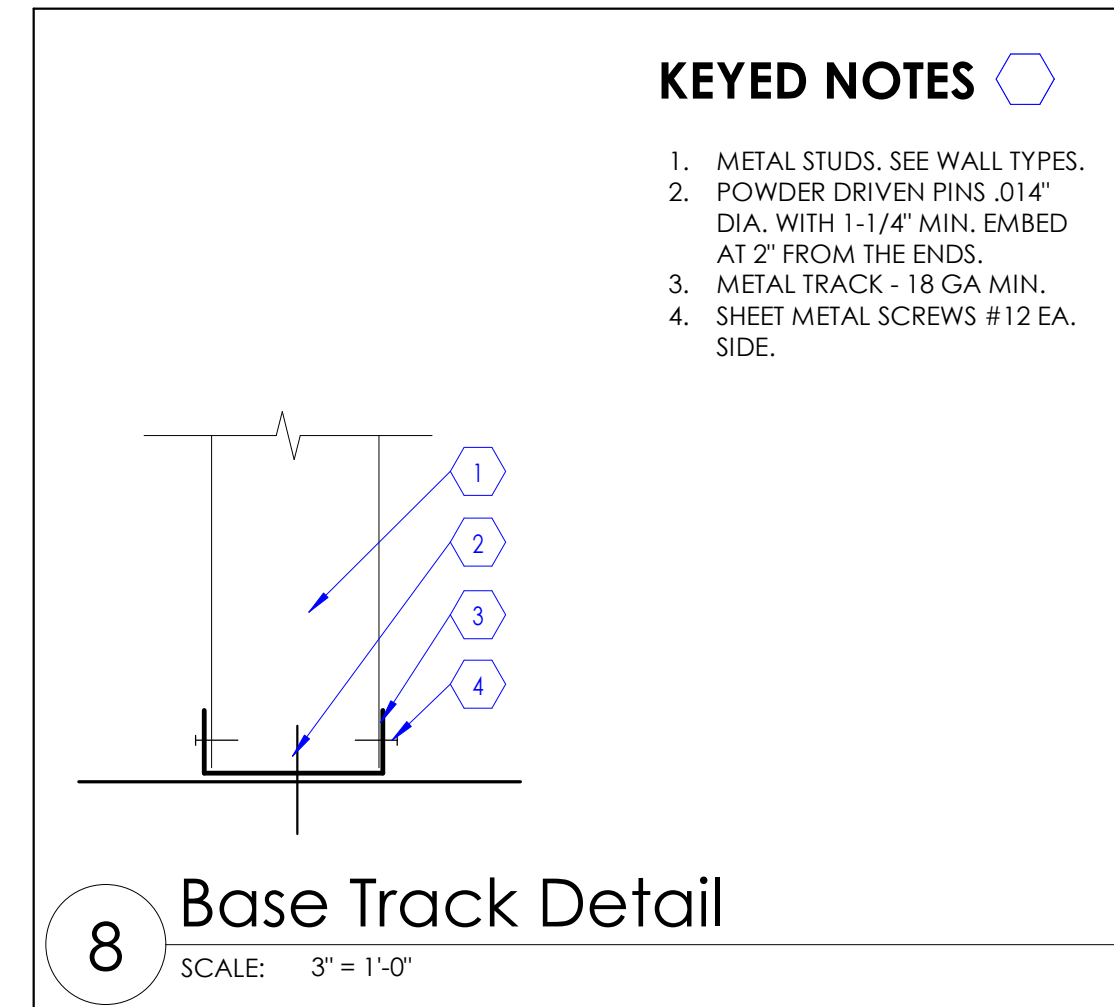
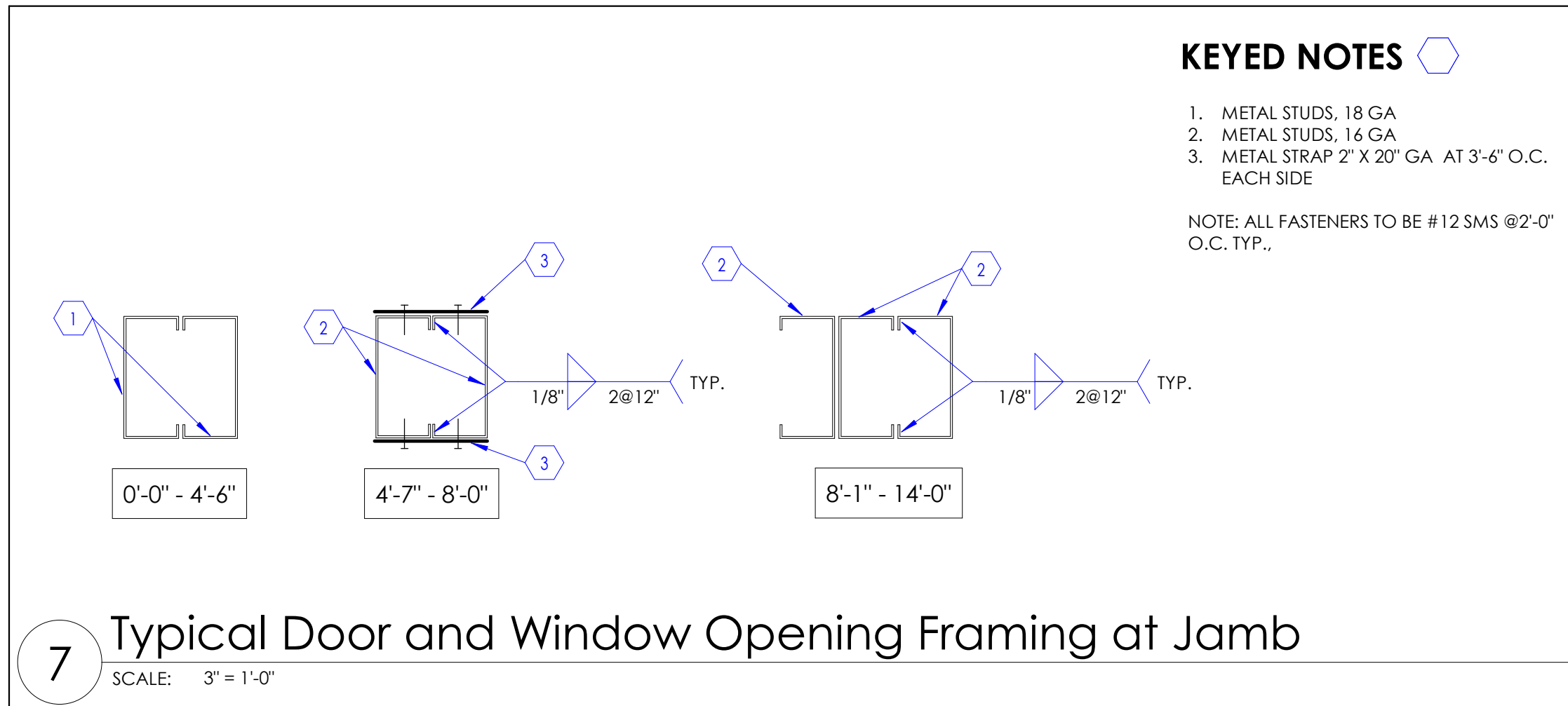
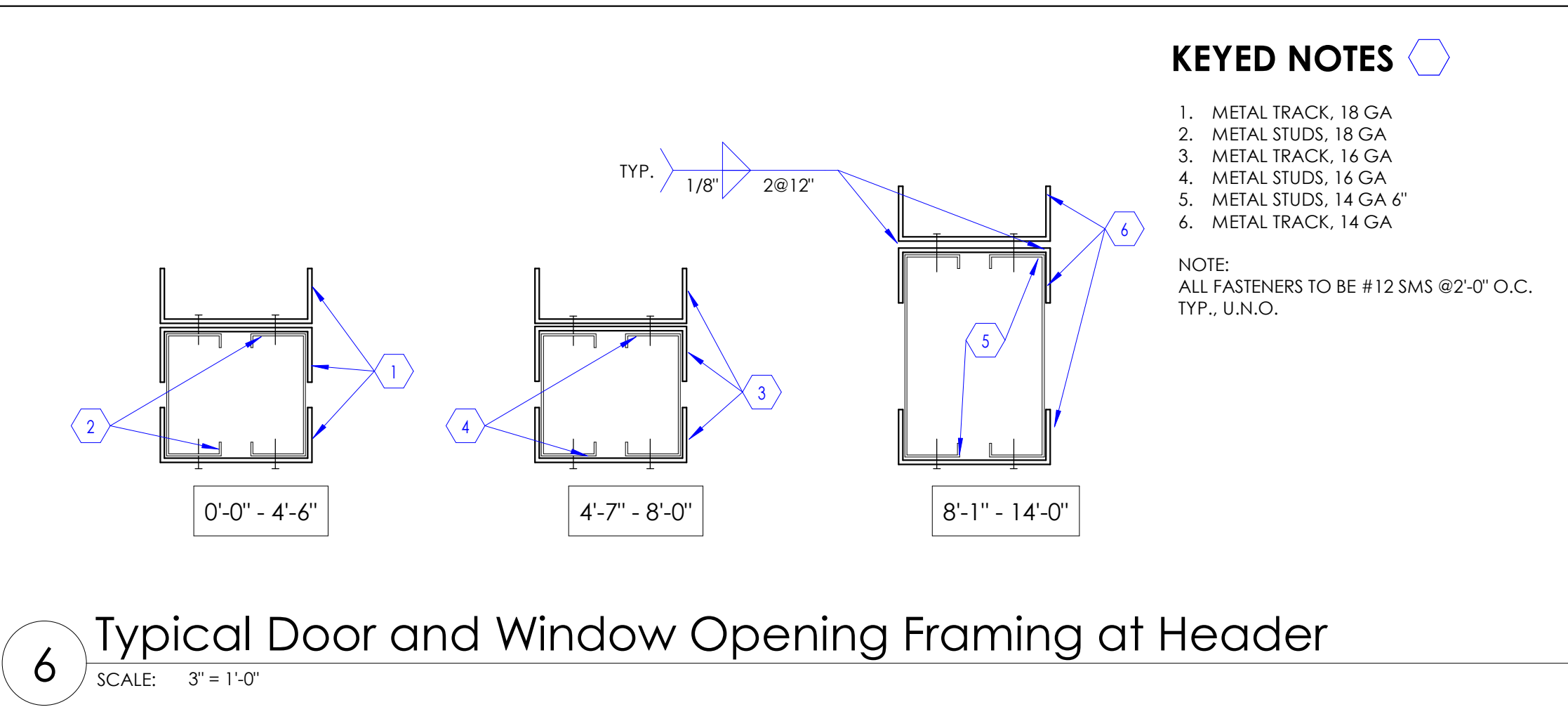
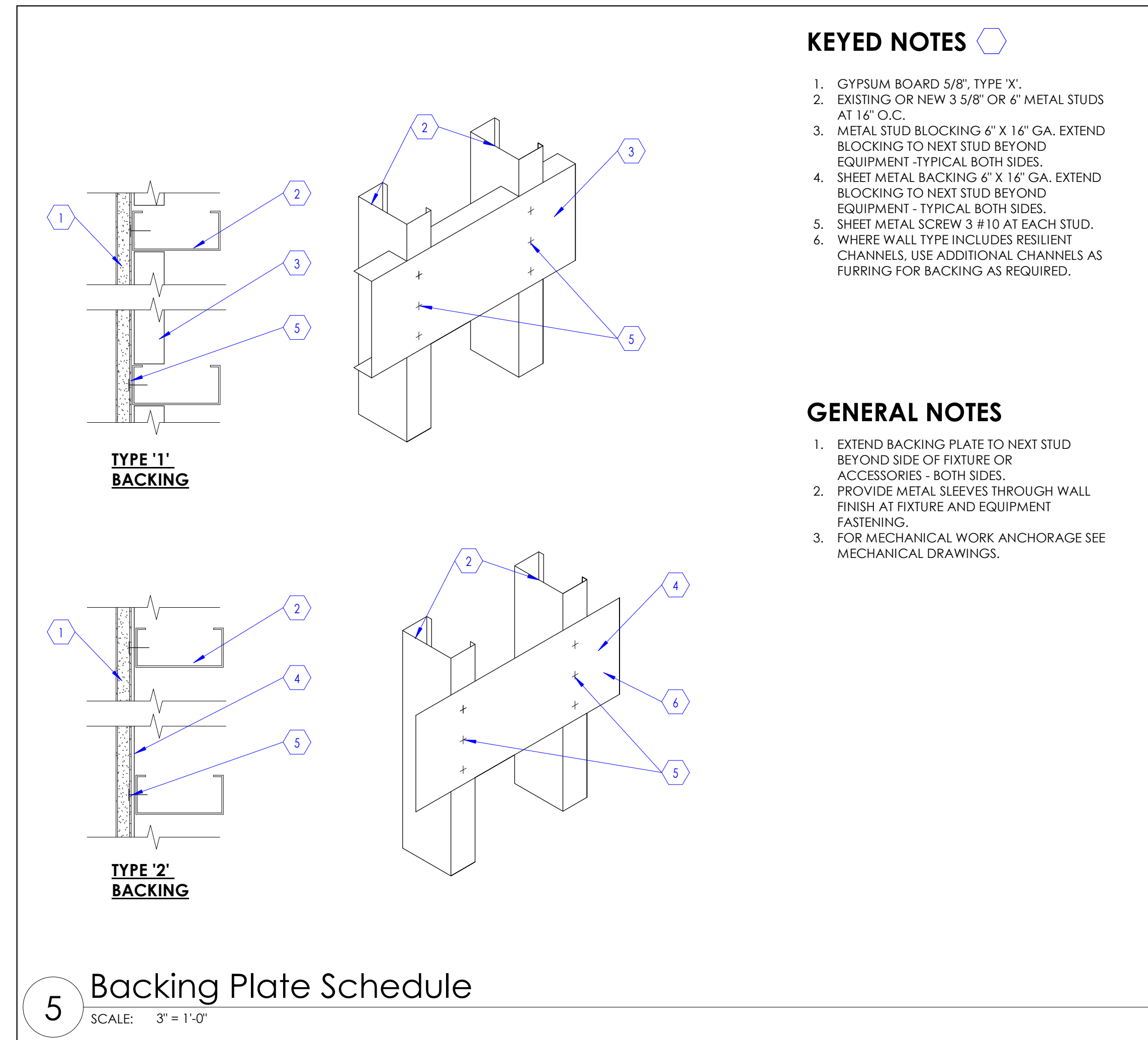
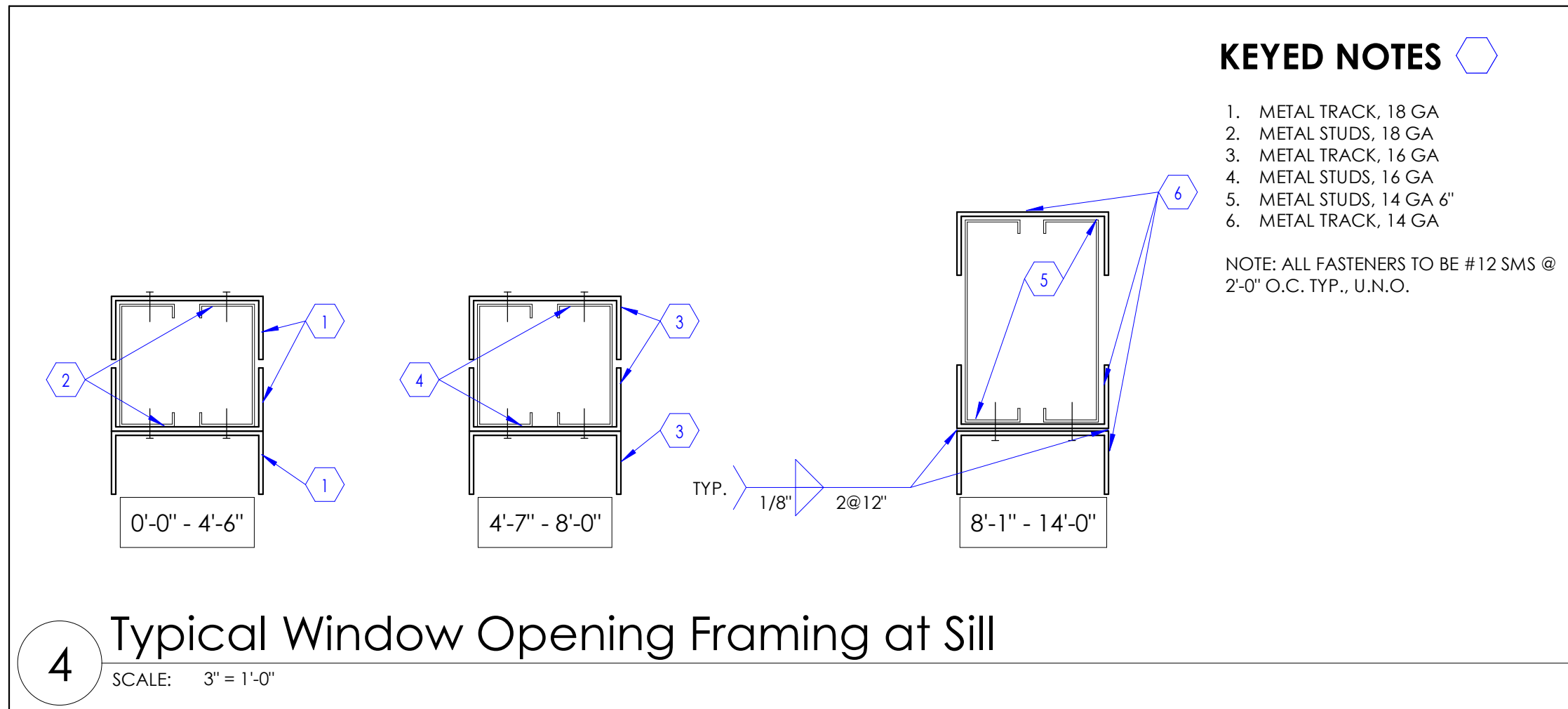
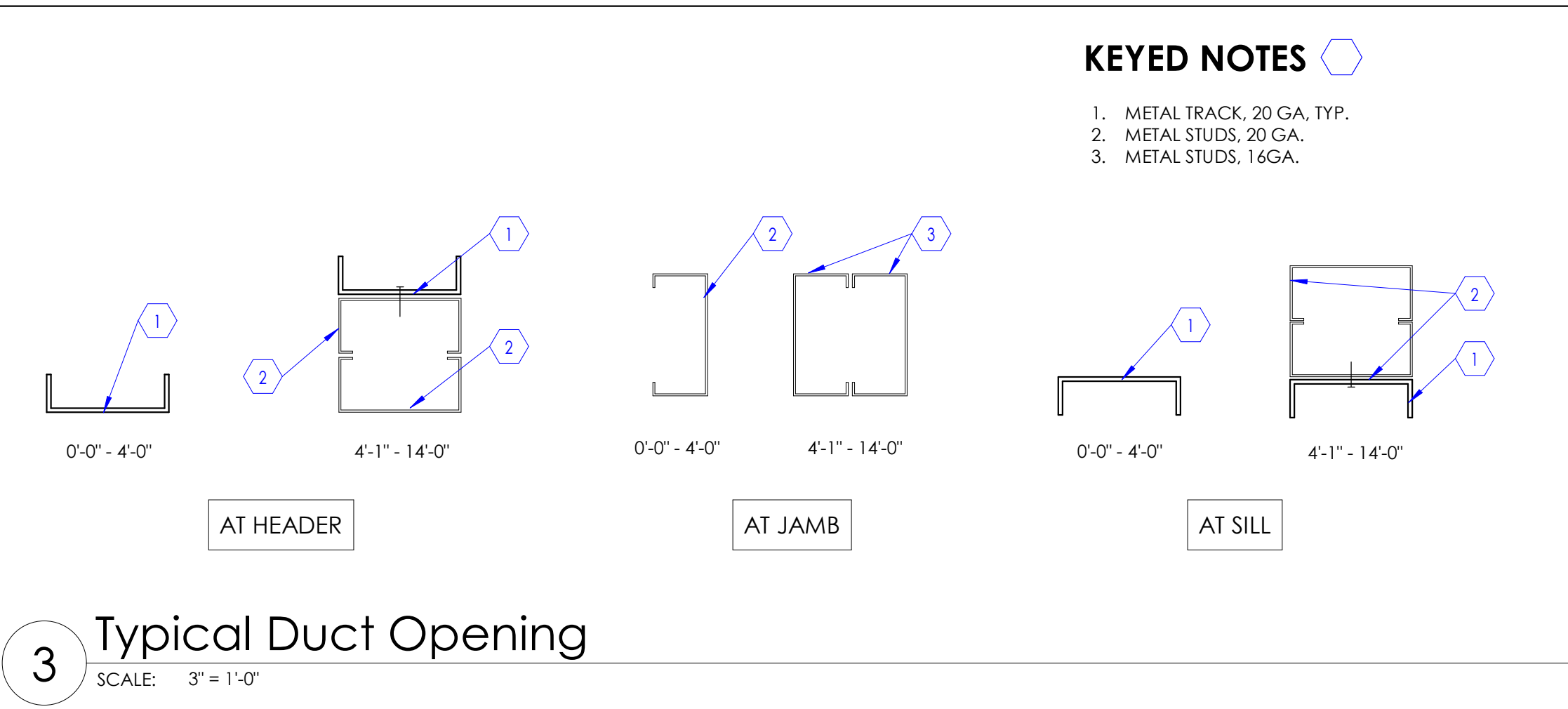
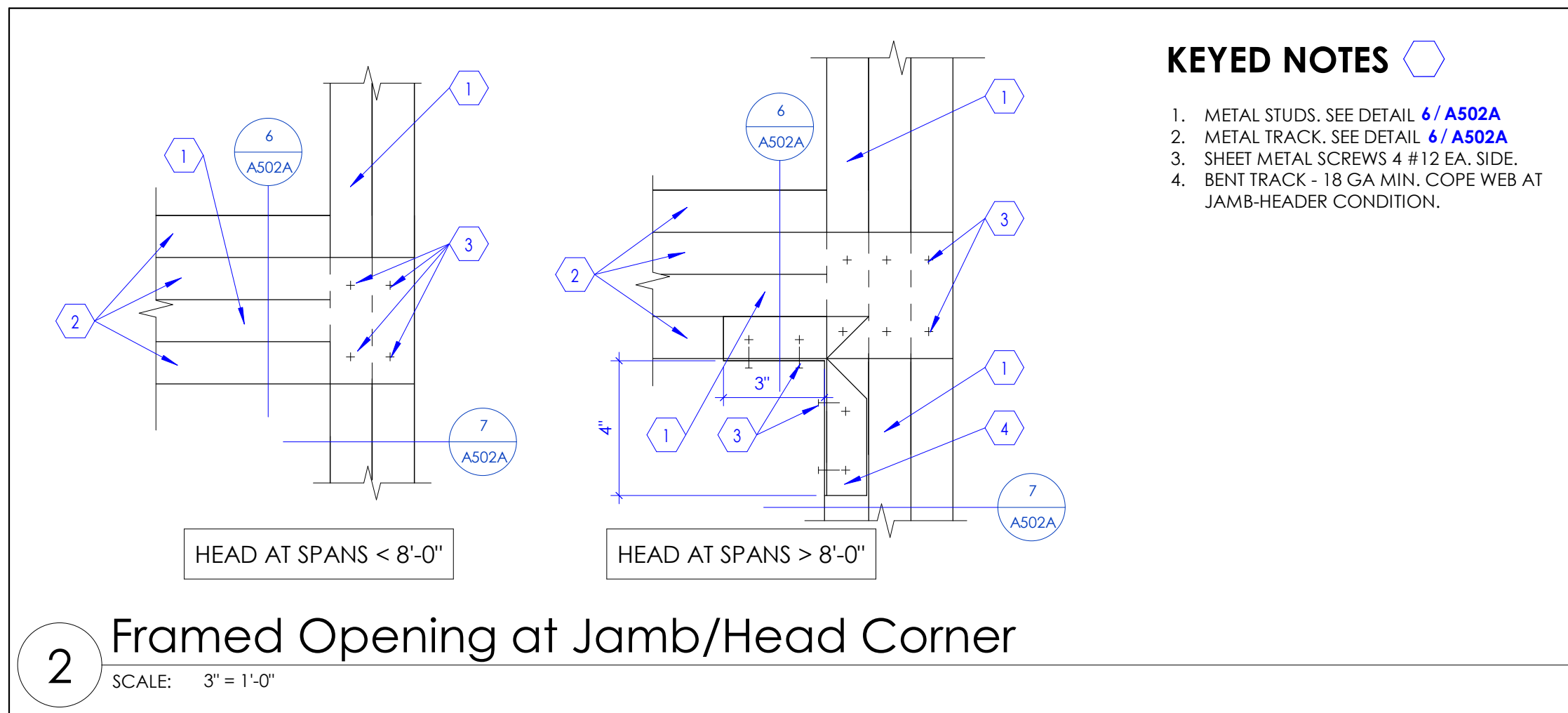
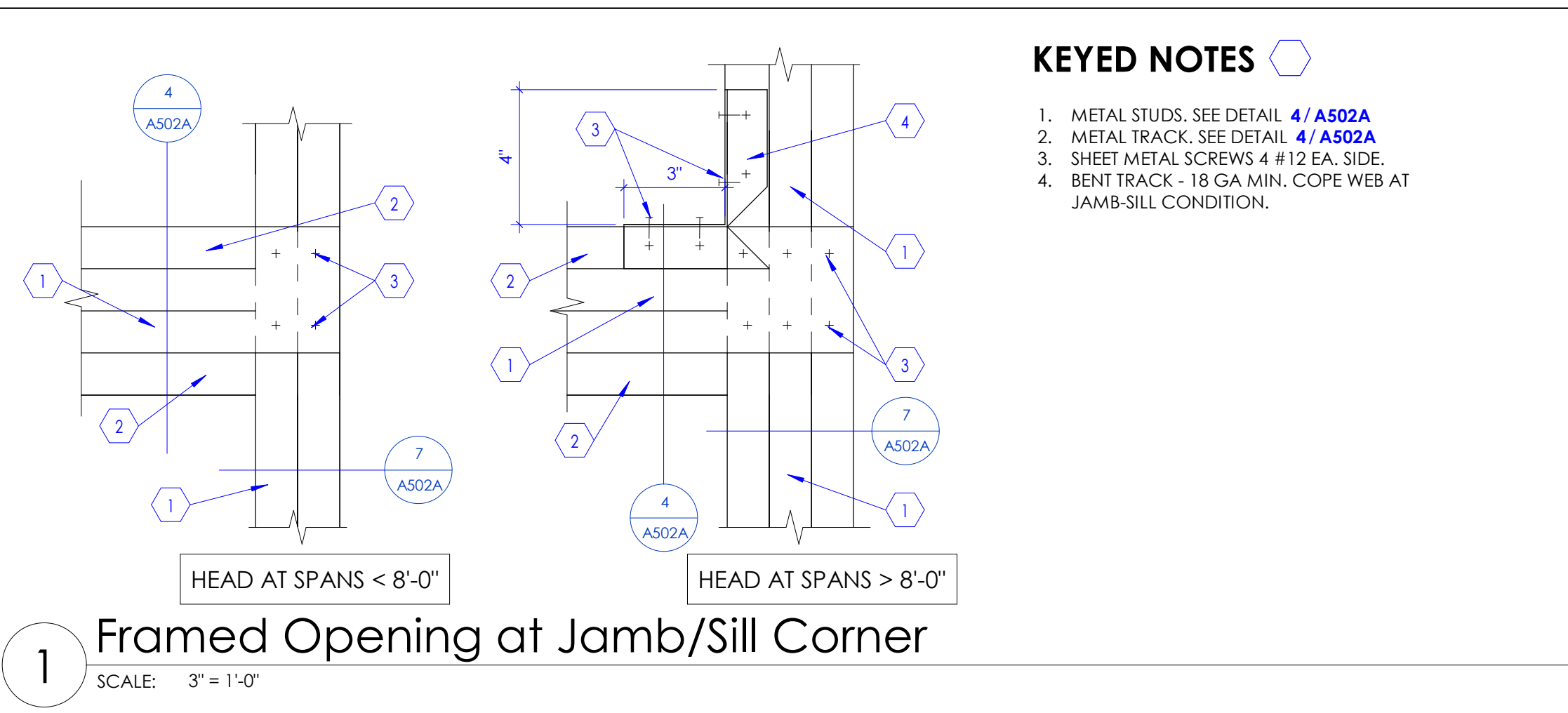
Wall Types

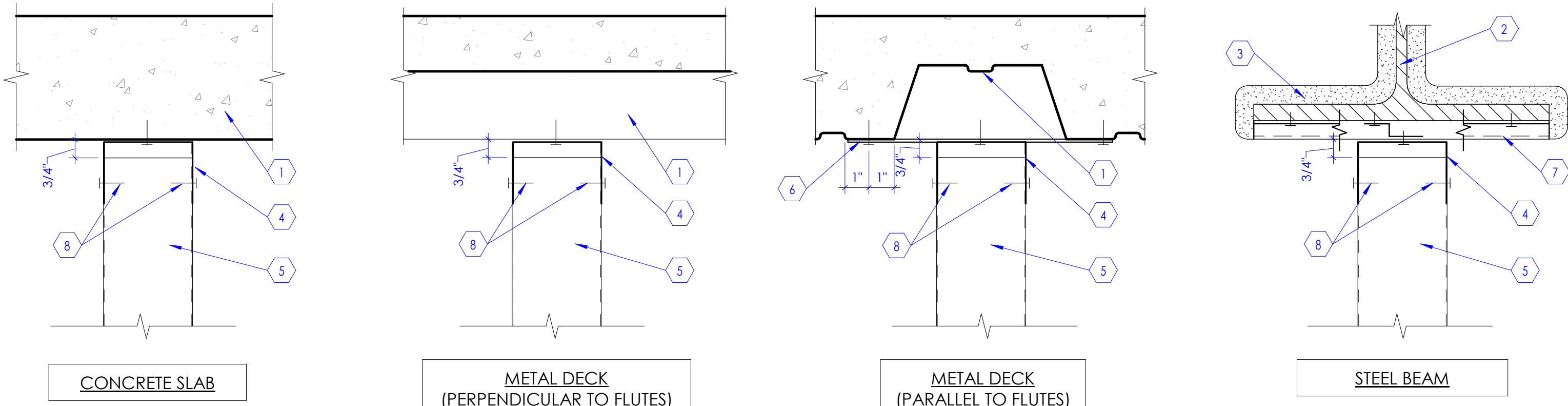
A501A



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"



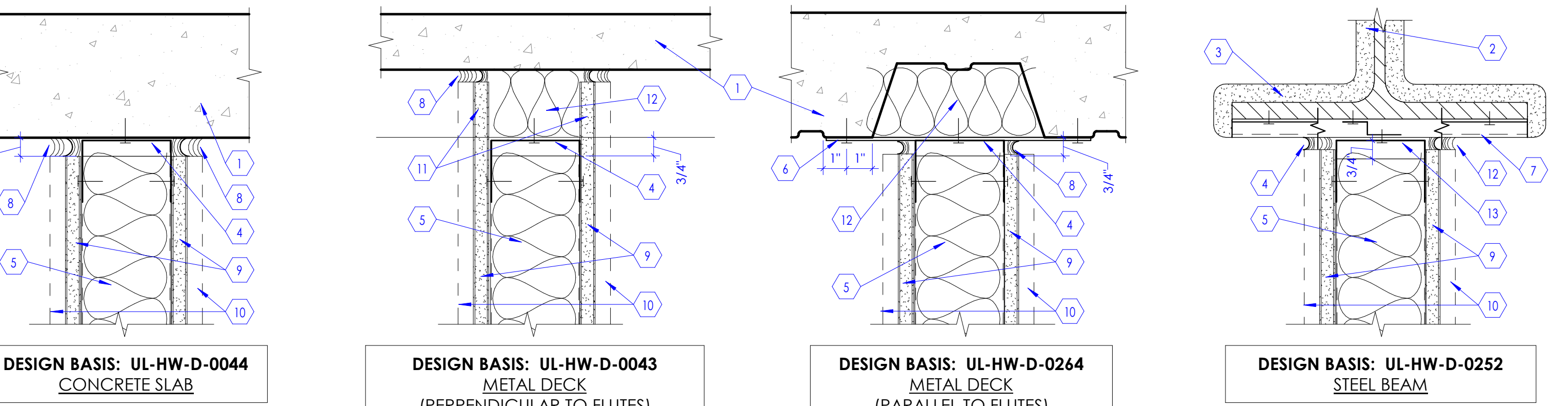


KEYED NOTES

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

1 Head Condition at Non Fire Rated, Non Smoke Rated and Non Sound Barrier Partitions

SCALE: 3" = 1'-0"

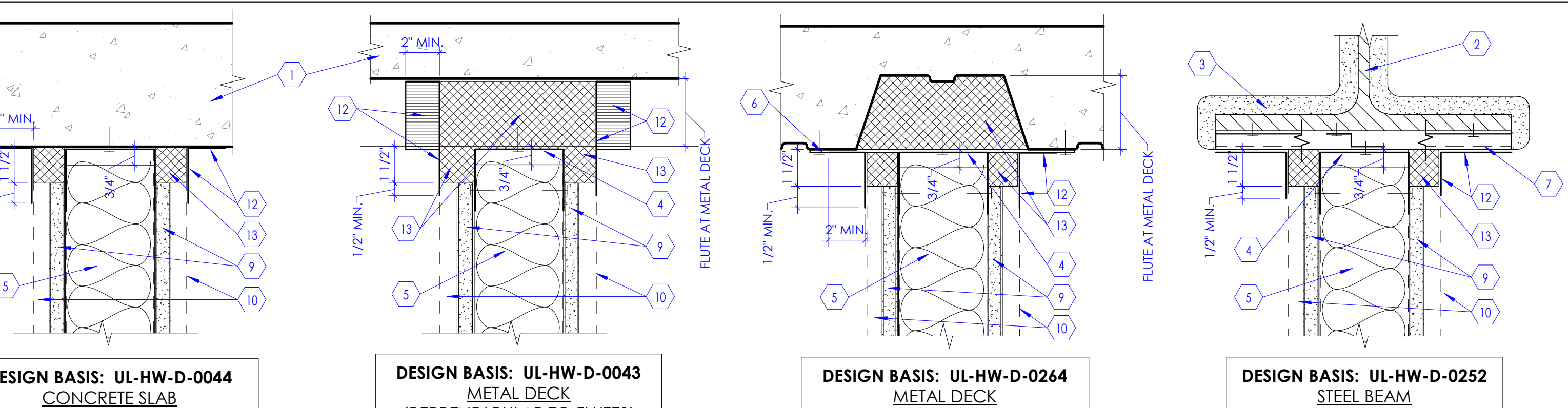


KEYED NOTES

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

3 Head Condition at Smoke Partitions and Sound Barrier Walls

SCALE: 3" = 1'-0"

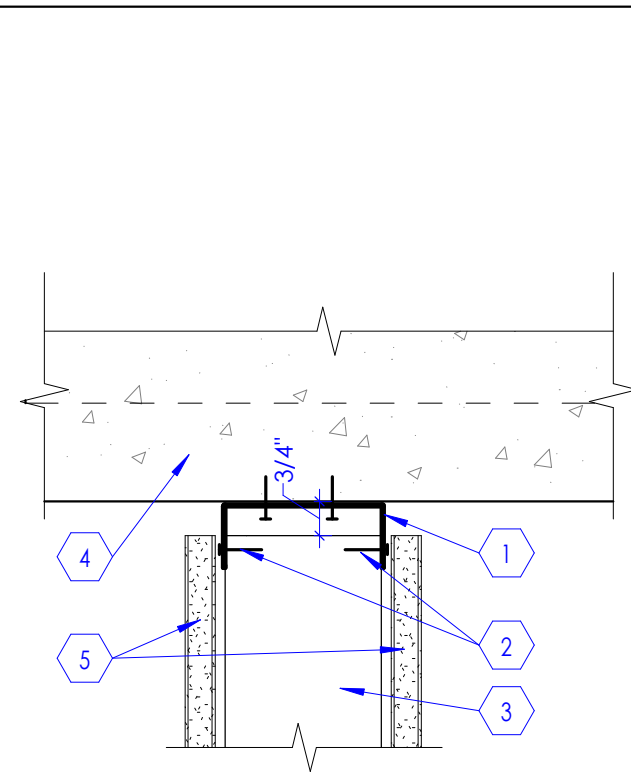


KEYED NOTES

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

6 Head Condition at Fire Rated Partitions

SCALE: 3" = 1'-0"



KEYED NOTES

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

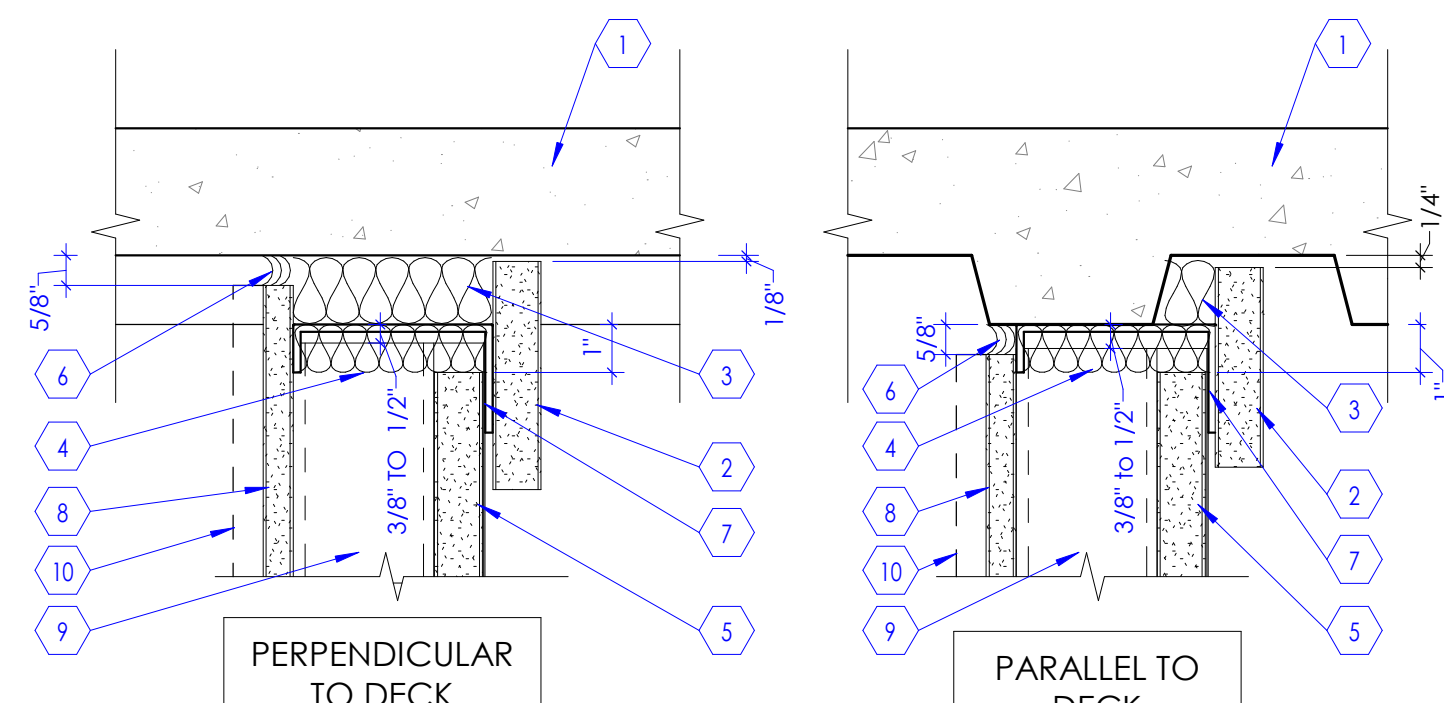
GENERAL NOTES

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

ISOMETRIC VIEW OF SLOTTED TOP TRACK

9 Slip Connection Detail

SCALE: 3" = 1'-0"

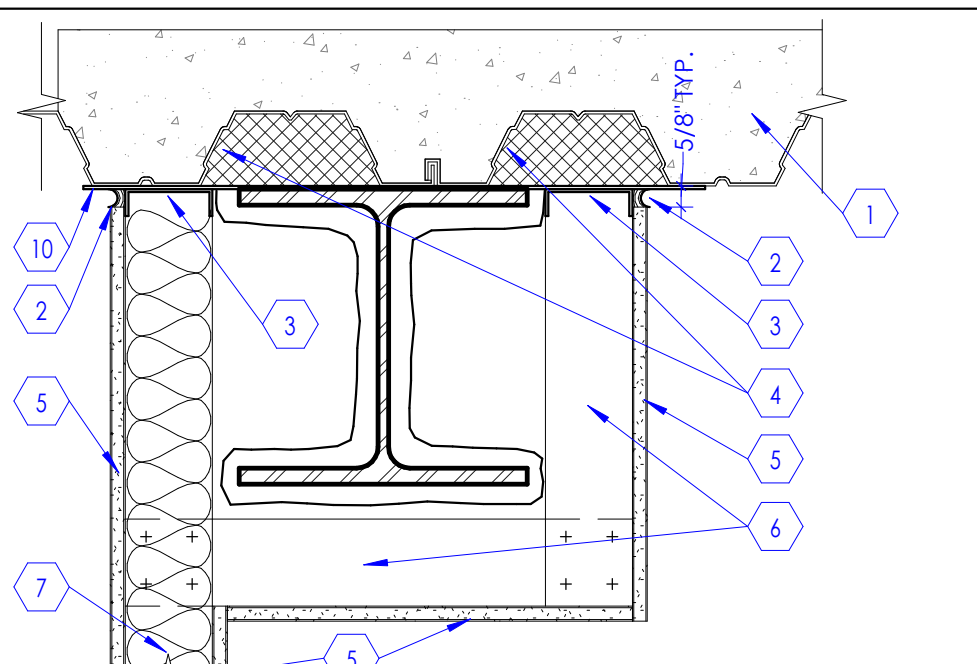


KEYED NOTES

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

7 Head Detail at Shaft Wall

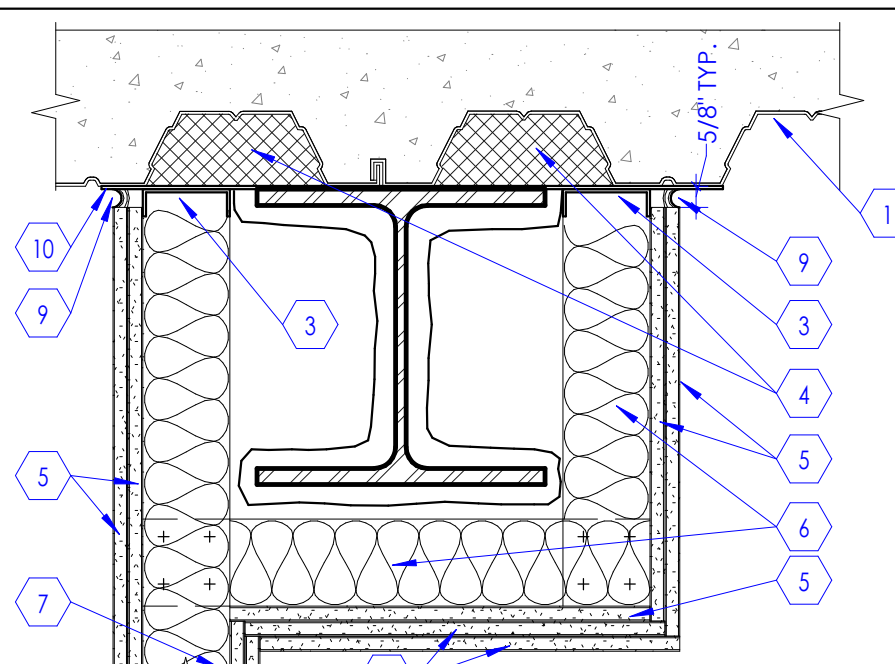
SCALE: 3" = 1'-0"



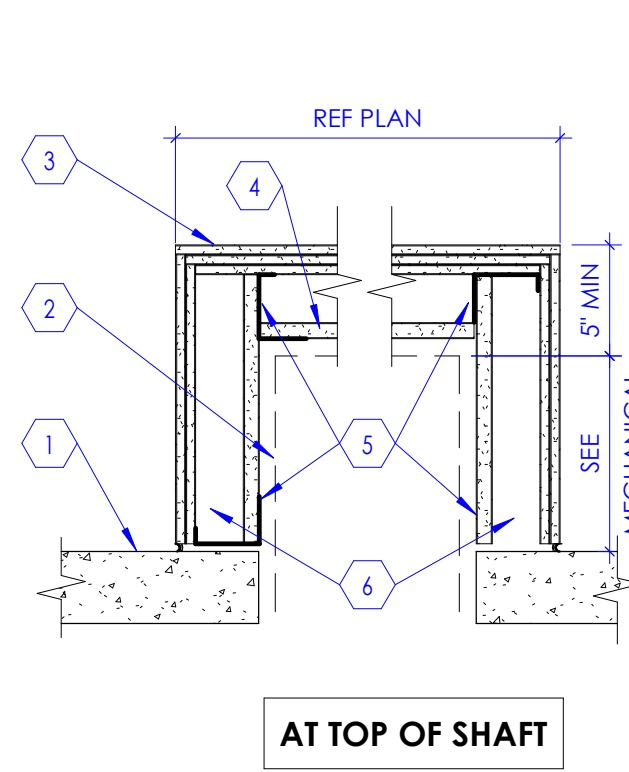
NOTE: THIS DETAIL APPLIES AT ALL FULL HEIGHT NON-RATED, SMOKE TIGHT, OR 1 HOUR RATED PARTITIONS WHERE GWS IS OBSTRUCTED. U.N.O.

10 Alternate Framing Details at Rated Walls

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



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



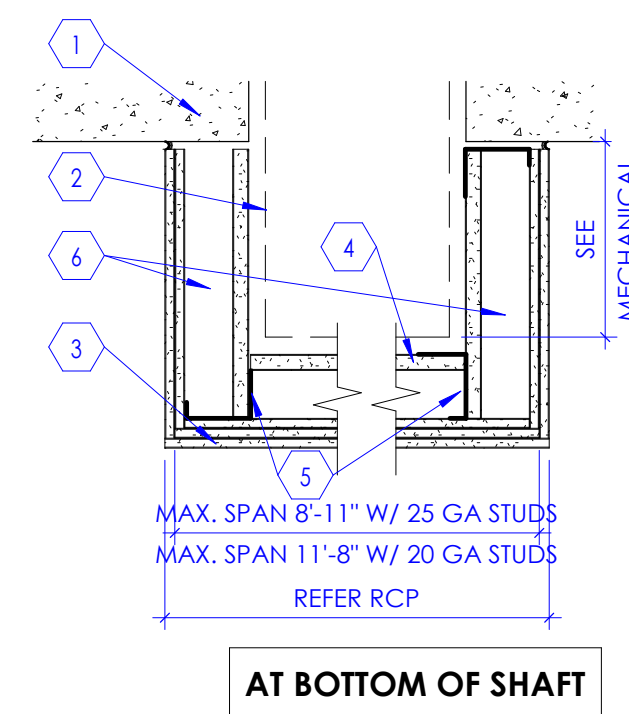
KEYED NOTES

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

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

2 2-HR Enclosure at Top of Shaft

SCALE: 1" = 1'-0"



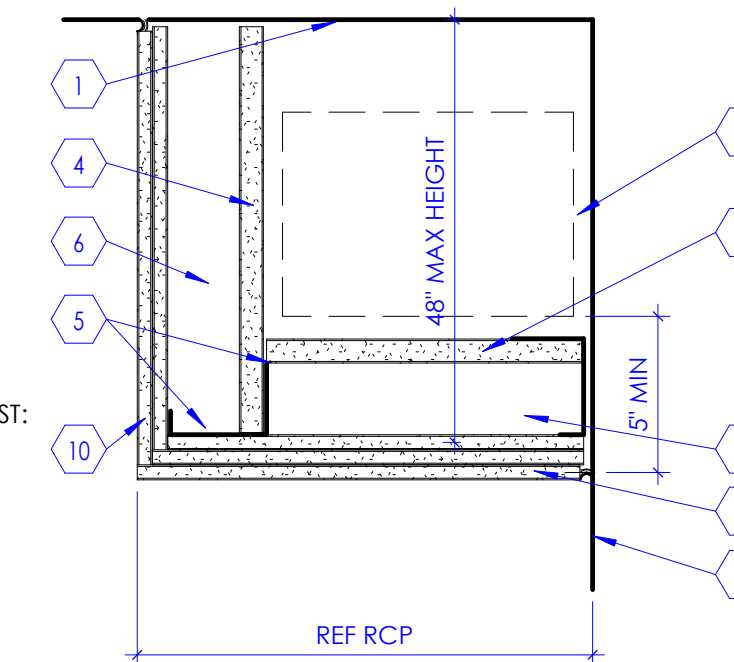
KEYED NOTES

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

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

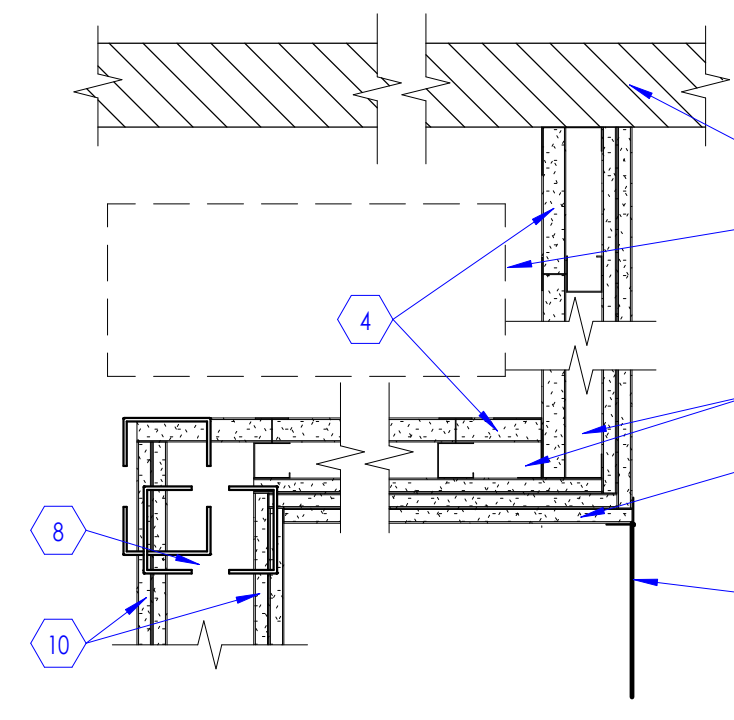
4 2-HR Enclosure at B.O. Shaft

SCALE: 1" = 1'-0"



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

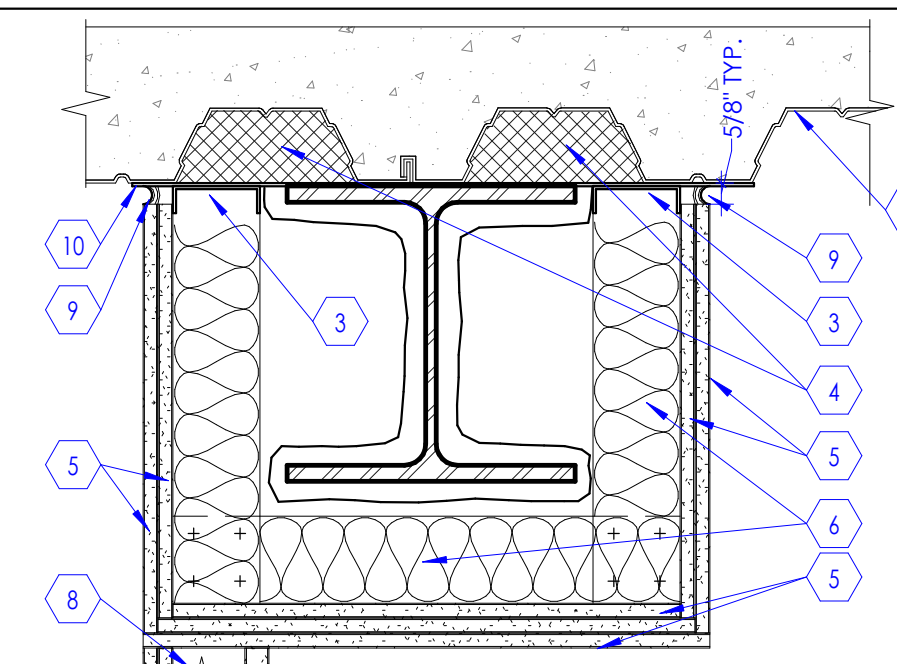
AT DUCTWORK



WITH OFFSET

8 2-HR Horizontal Enclosure

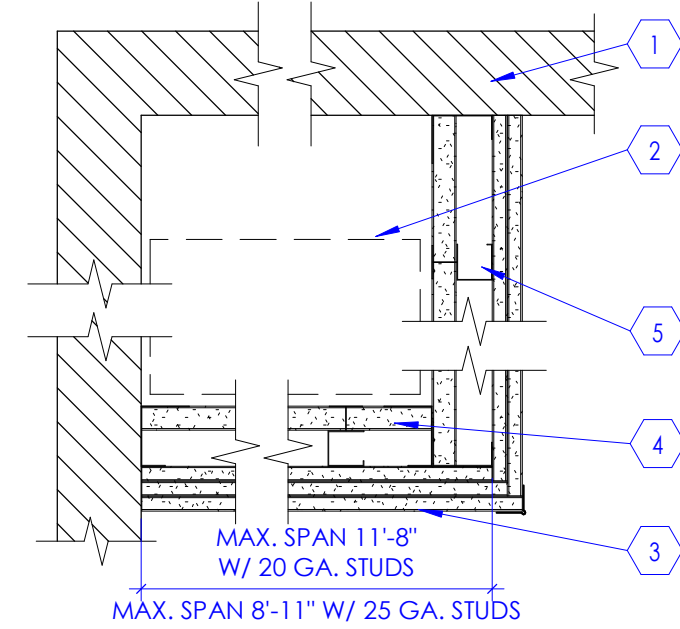
SCALE: 1 1/2" = 1'-0"



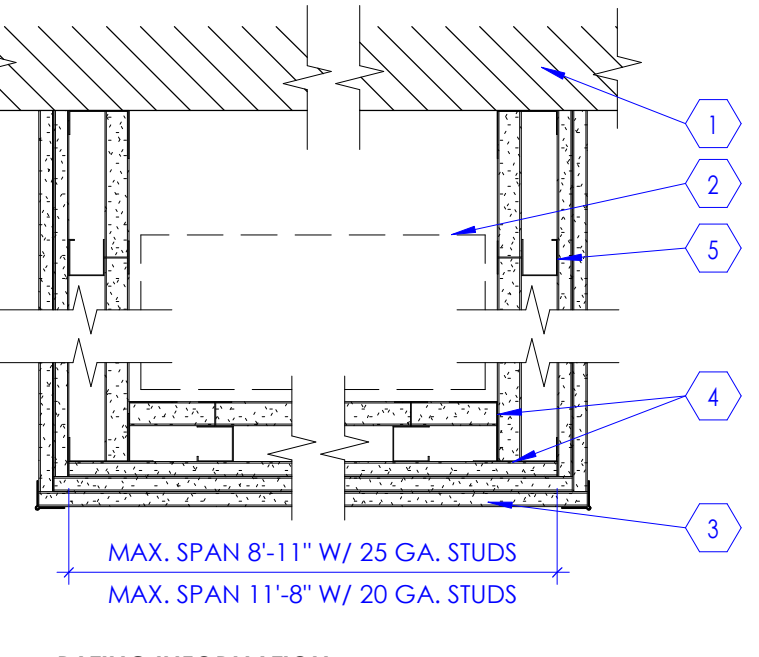
NOTE: THIS DETAIL APPLIES AT ALL SHAFTWALL CONDITIONS WHERE WALL CANNOT EXTEND FULLY TO DECK. U.N.O.

KEYED NOTES

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



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



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

5 2-HR Horizontal Assembly

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

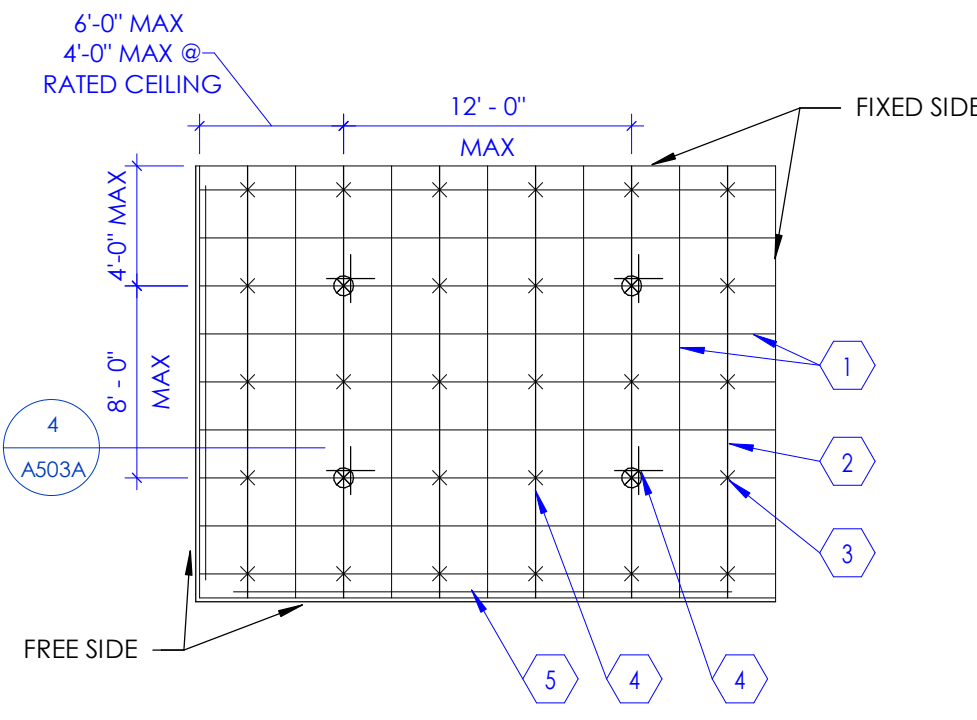
KEYED NOTES

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

KEYED NOTES

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

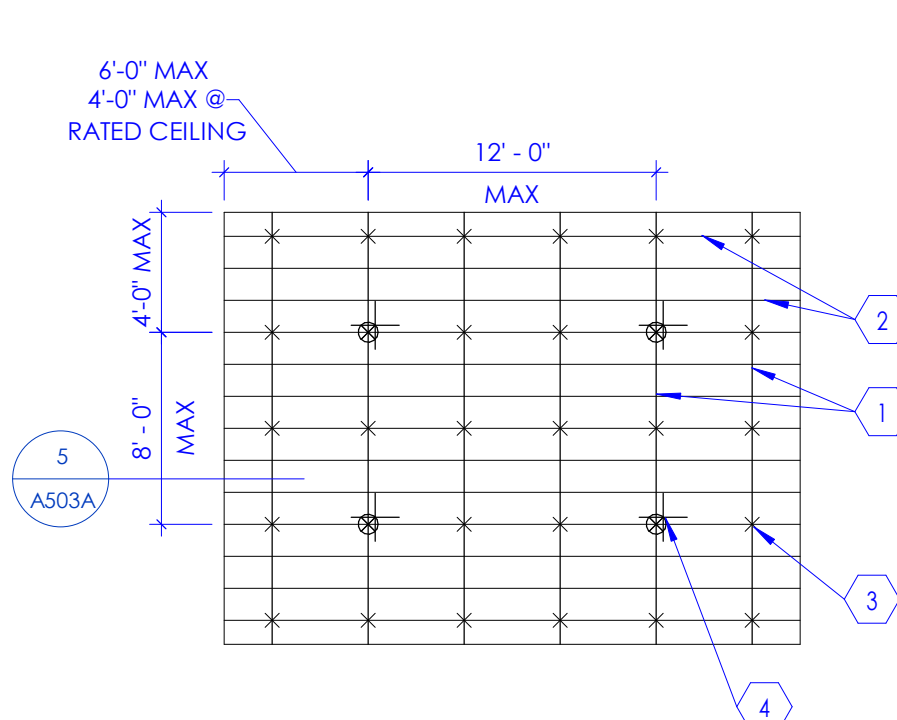
NOTE:
EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS AND OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1" IN ALL HORIZONTAL DIRECTIONS.



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

KEYED NOTES

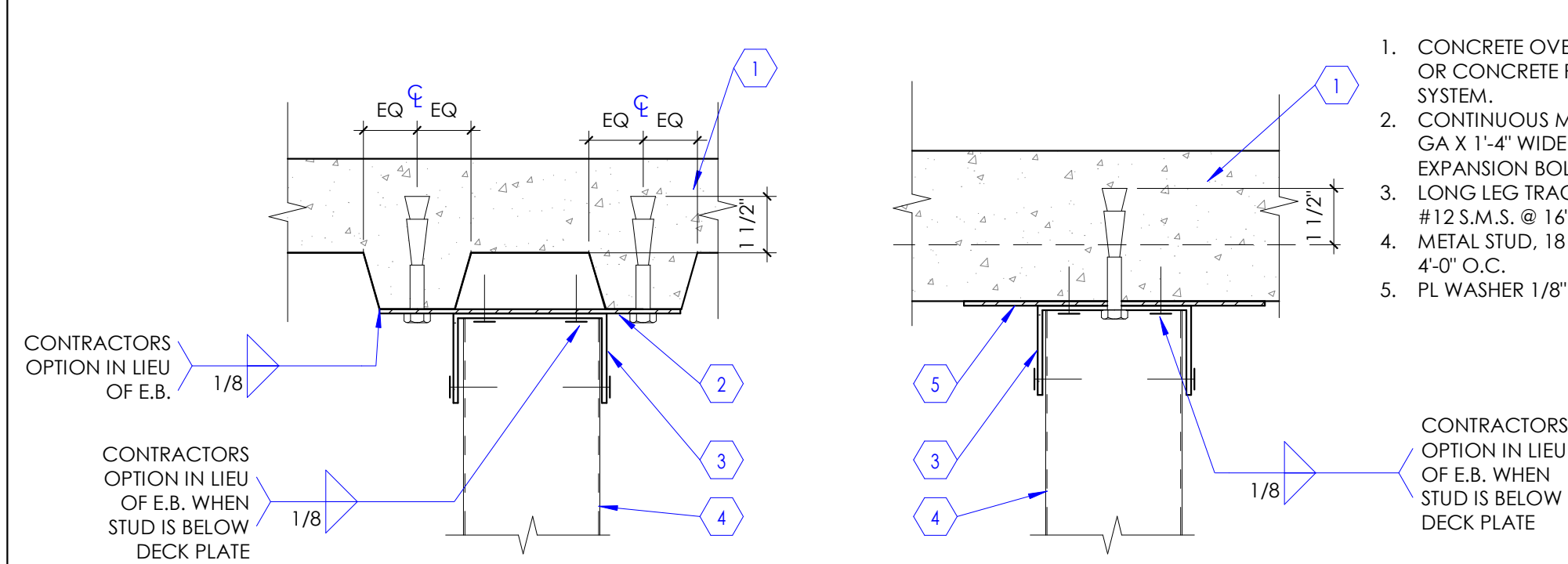
1. MAIN RUNNER 1 1/2" @ 4'-0" O.C.
2. FURRING CHANNEL @ 1'-4" O.C.
3. HANGER WIRE 8 GA. @ 4'-0" O.C. MAX EACH WAY
4. SEISMIC RESTRAINT. SEE DETAIL 8/A503A



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

KEYED NOTES

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

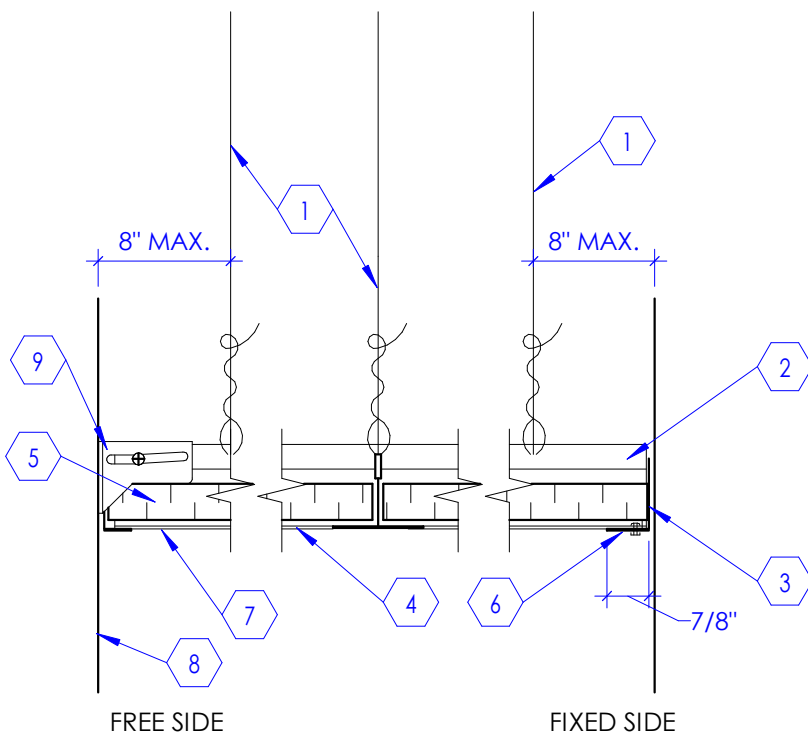


3 Typical Suspended Stud Attachment To Concrete Deck
SCALE: 3" = 1'-0"

KEYED NOTES

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

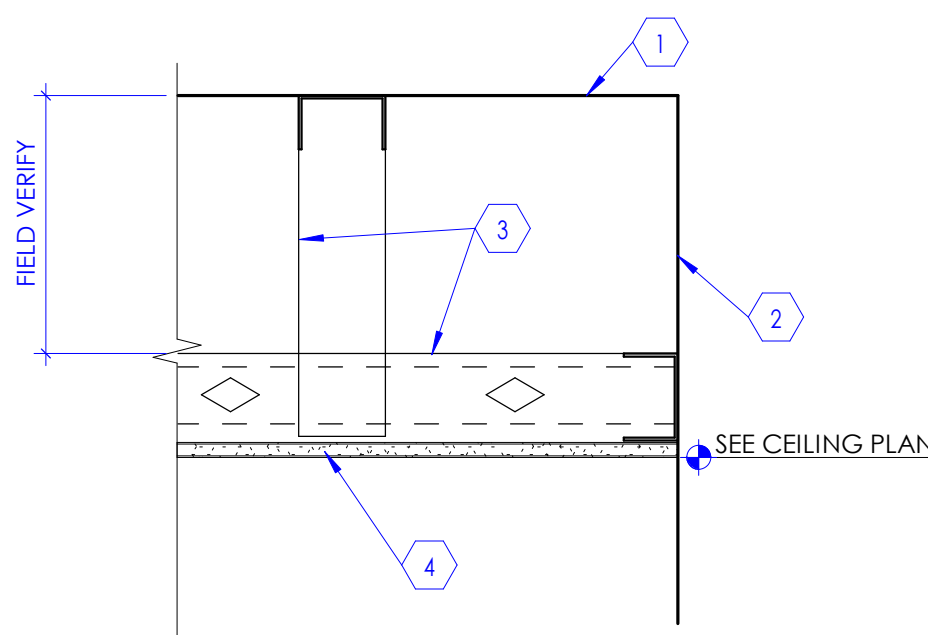
NOTE:
EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS AND OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1" IN ALL HORIZONTAL DIRECTIONS.



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

KEYED NOTES

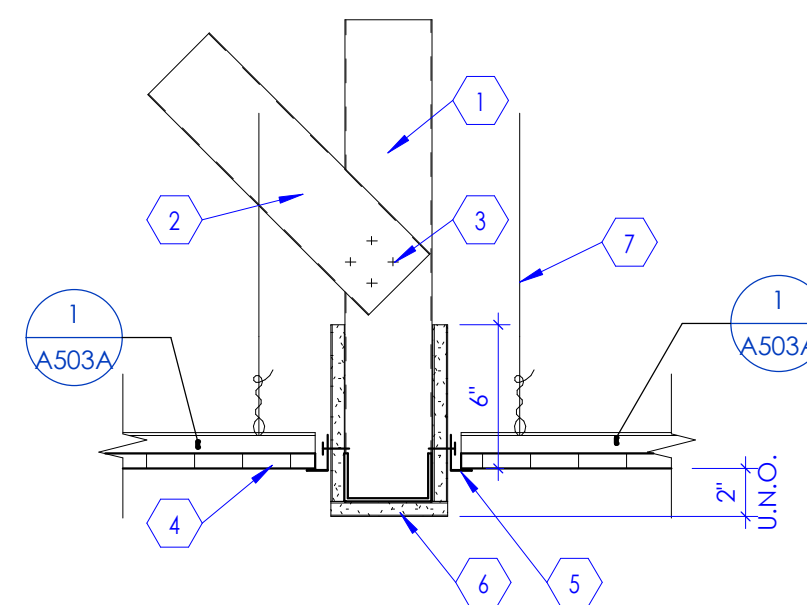
1. LINE OF STRUCTURE ABOVE.
2. LINE OF WALL.
3. METAL STUD FRAMING (3-5/8" THICK, 18 GAUGE, METAL STUDS AT 1'-4" O.C.) SUSPENDED FROM STRUCTURE ABOVE (OR WALL WHERE OCCURS). CROSS BRACE FRAMING AS REQUIRED FOR STRUCTURAL RIGIDITY.
4. ATTACH 5/8" THICK, TYPE 'X', GYPSUM BOARD TO METAL STUD FRAMING.



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.



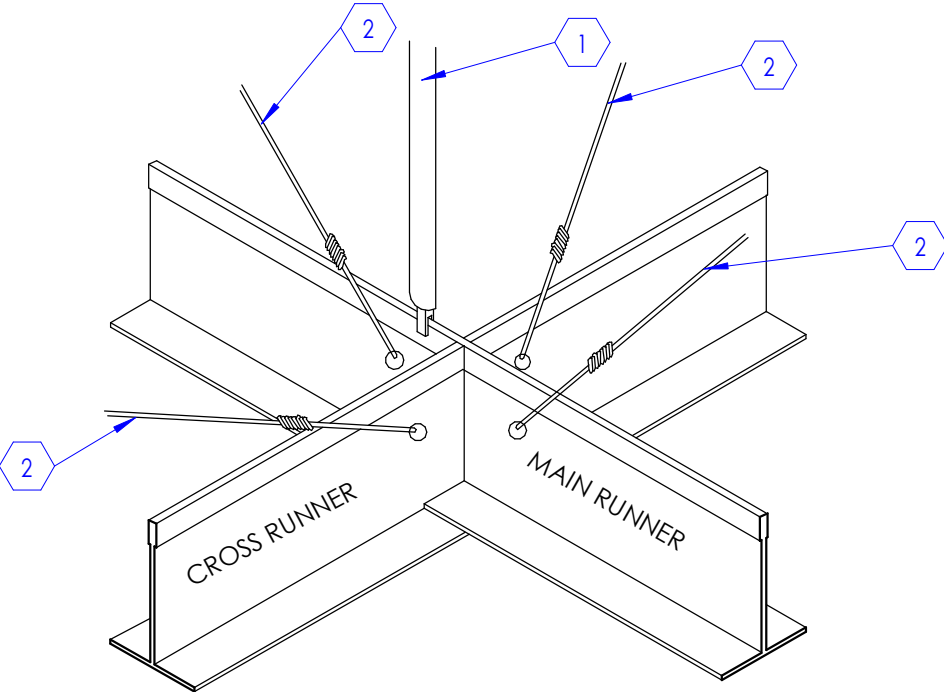
6 Gypsum Board Header
SCALE: 1 1/2" = 1'-0"

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 SPAYED WIRES SHALL BE AT 45 DEGREES ANGLES, 12 GAUGE AND GALVANIZED.
C. WHEN CEILING AREA EXCEEDS 2,500 SQ. FT. PROVIDE SEISMIC SEPARATION JOINT APPROVED BY CEILING GRID MANUFACTURER AND ARCHITECT.

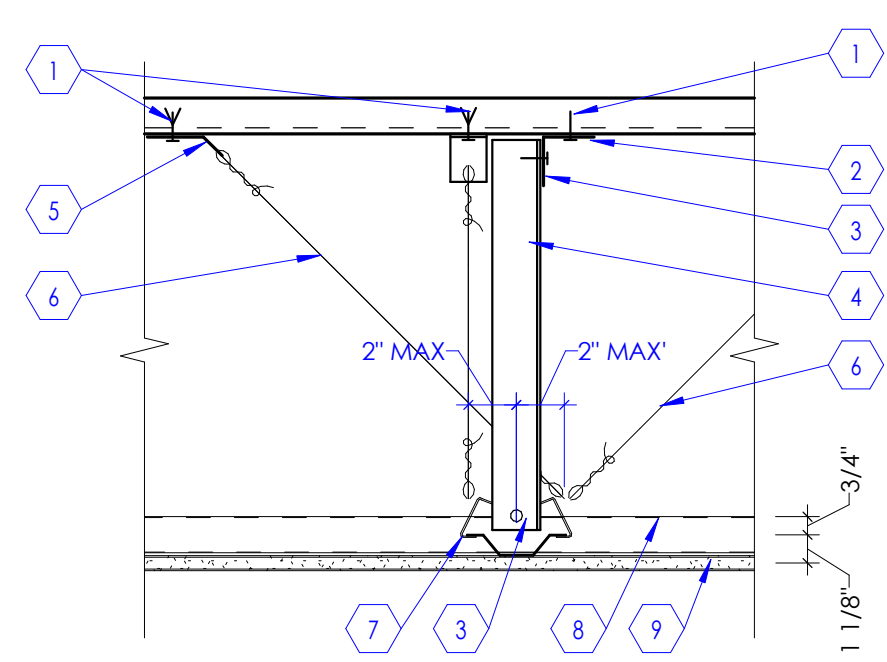
NOTE: EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS AND OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1" IN ALL HORIZONTAL DIRECTIONS.



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

KEYED NOTES

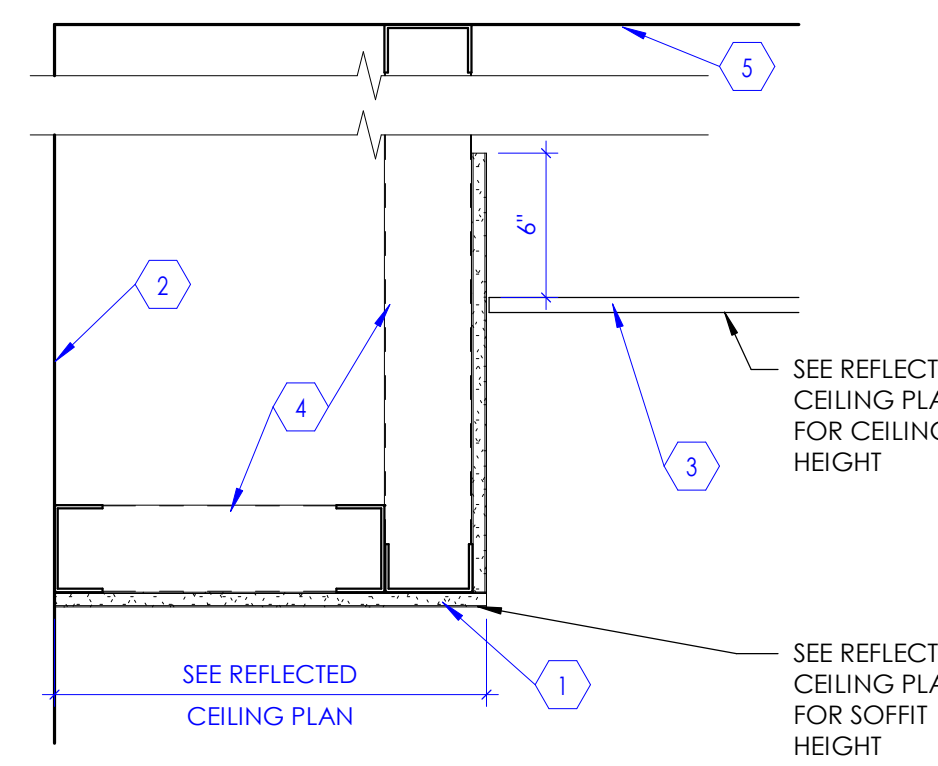
1. SHEET METAL #12 SCREWS
2. METAL CLIP 12 GA MIN X 3/4" W.
3. MACHINE BOLT 1/2" DIA. MIN.
4. ANGLE STRUT OR CHANNEL
5. METAL CLIP 1" W X 2" X 12 GA. MIN.
6. DIAGONAL HANGER WIRES 12 GA MIN. - 4 SIDES.
7. FURRING CHANNEL, 7/8" THICK, @ 1'-4" O.C. MAXIMUM.
8. METAL RUNNER CHANNELS, 1 1/2" THICK, AT 48"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



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

KEYED NOTES

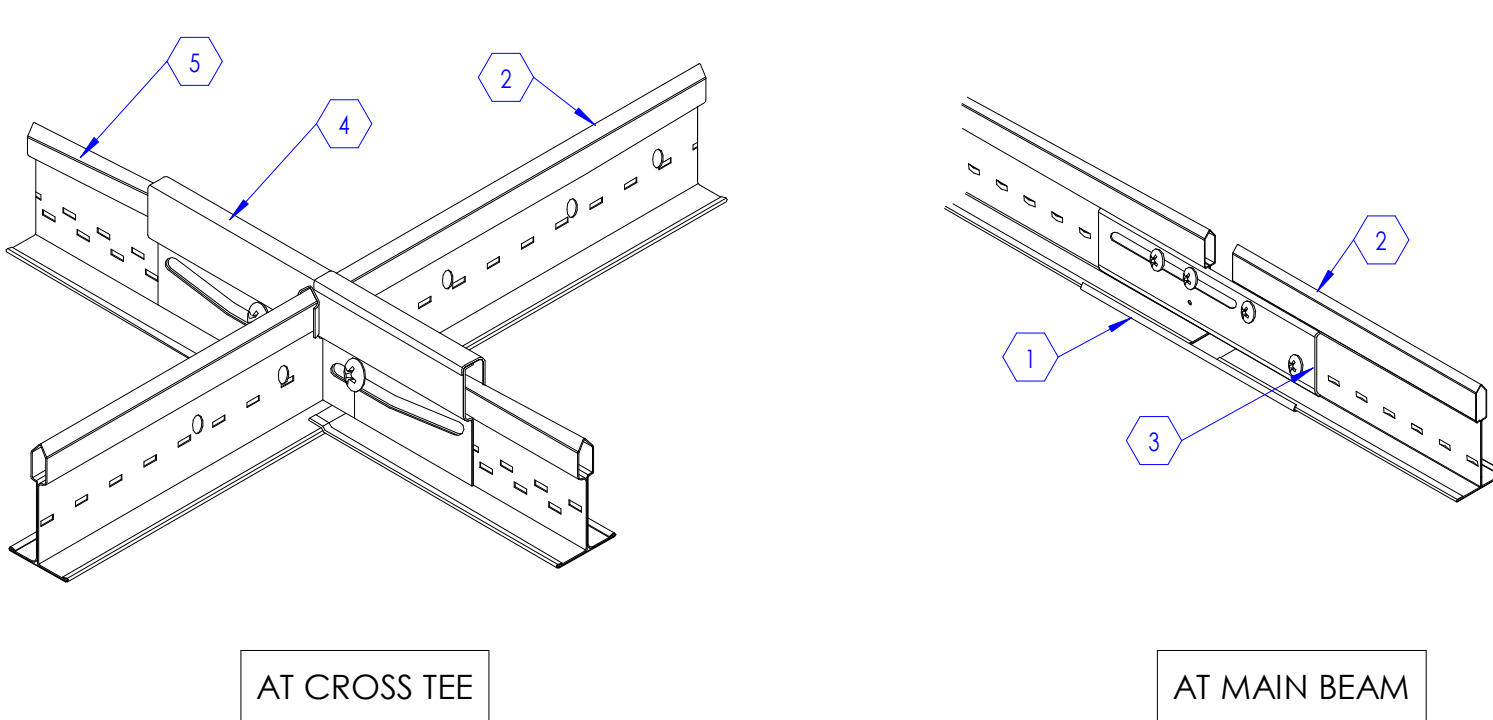
1. GYPSUM BOARD, 5/8" THICK (USE TYPE 'X' IF WALLS ARE FIRE RATED) ATTACHED TO METAL STUD FRAMING.
2. LINE OF WALL.
3. LINE OF CEILING AS OCCURS. SEE REFLECTED CEILING PLAN FOR CEILING TYPE.
4. METAL STUD FRAMING 3 5/8" THICK, 20 GAUGE STUDS, SUSPENDED FROM STRUCTURE ABOVE. STUDS SHALL BE AT 16" O.C.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



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

KEYED NOTES

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

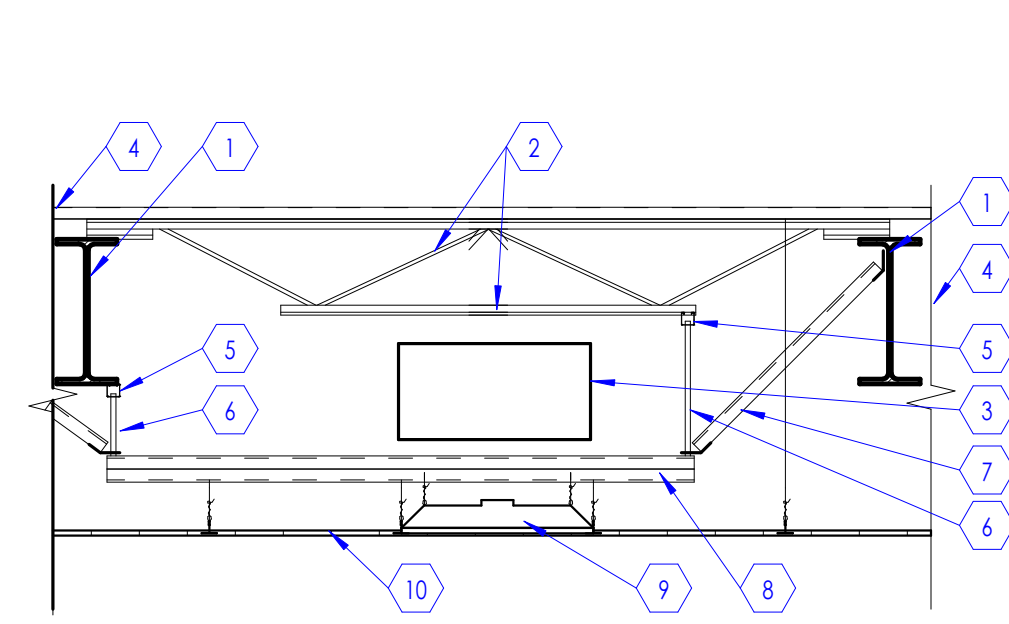


10 Seismic Separation Joint Clip Detail
SCALE: 1 1/2" = 1'-0"

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

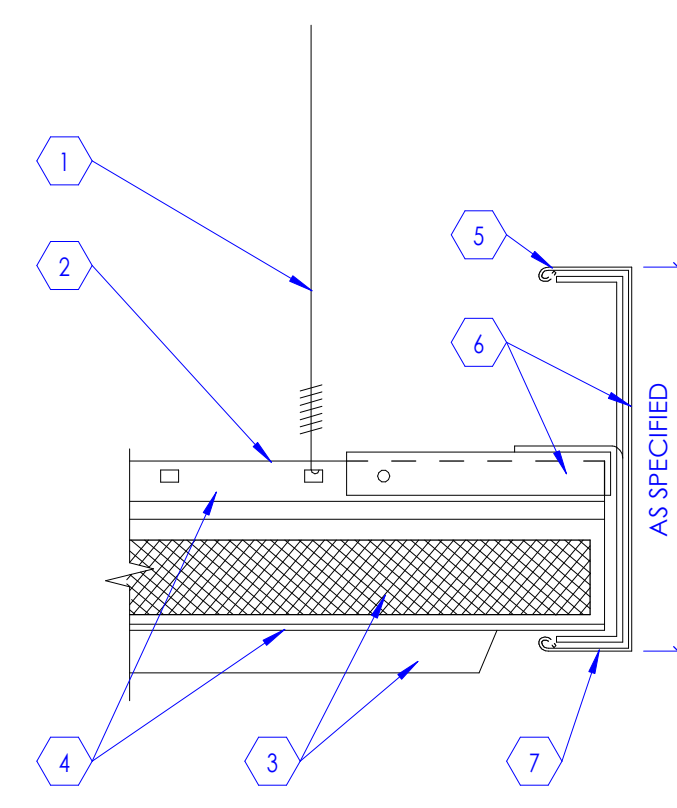
NOTE:
CONTRACTOR SHALL PROVIDE UNISTRUTS AS INDICATED IN THIS DETAIL WHEREVER DUCT INTERFERES WITH CEILING SUSPENSION SYSTEM.



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

KEYED NOTES

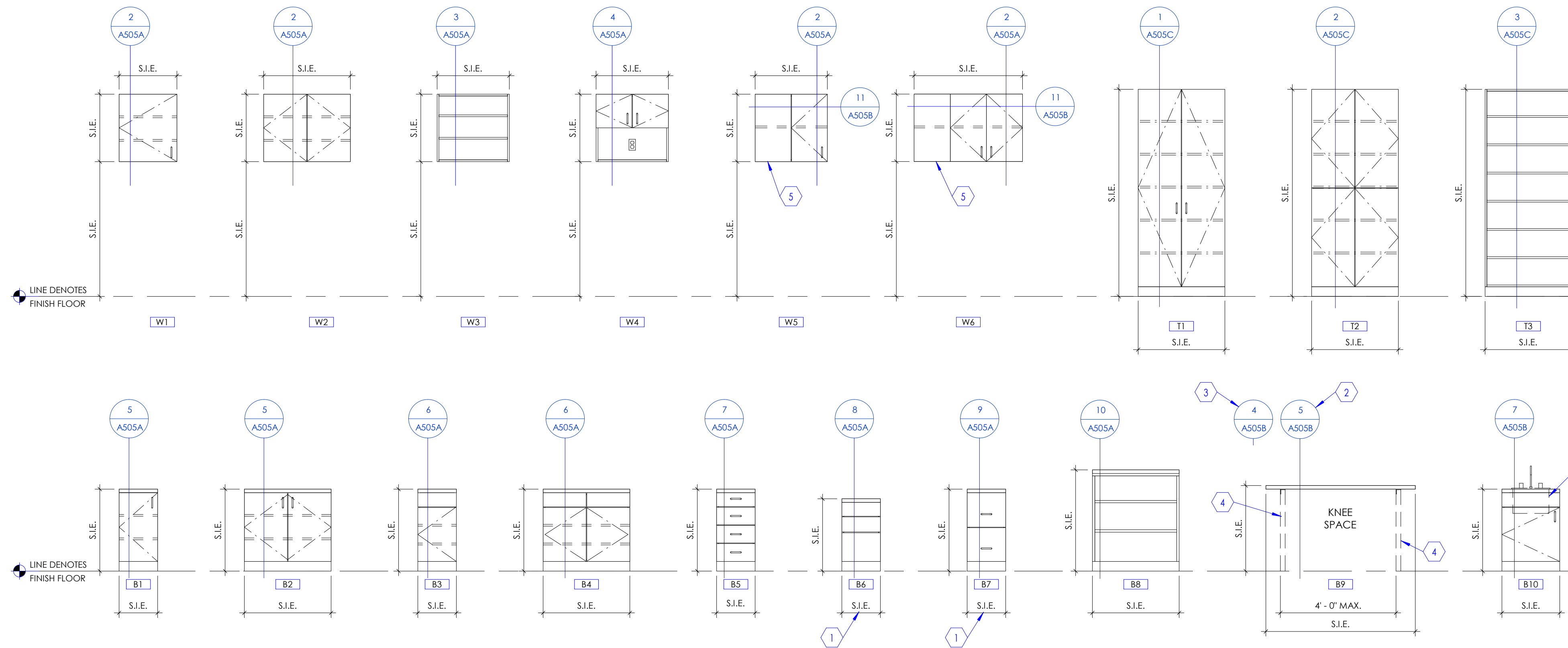
1. CLASS 1 ZINC COATED, SOFT TEMPERED WIRES, 12 GA MIN.
2. EXPOSED CROSS RUNNER ATTACHED TO MAIN RUNNERS.
3. ACOUSTICAL CEILING TILES. SEE CEILING PLANS.
4. EXPOSED MAIN RUNNER, SUSPENDED FROM STRUCTURE ABOVE.
5. FINISHED SUSPENSION TRIM 4" BY CEILING SUPPLIER.
6. INTERSECTION TEE ATTACHMENT CLIP.
7.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



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

KEYED NOTES

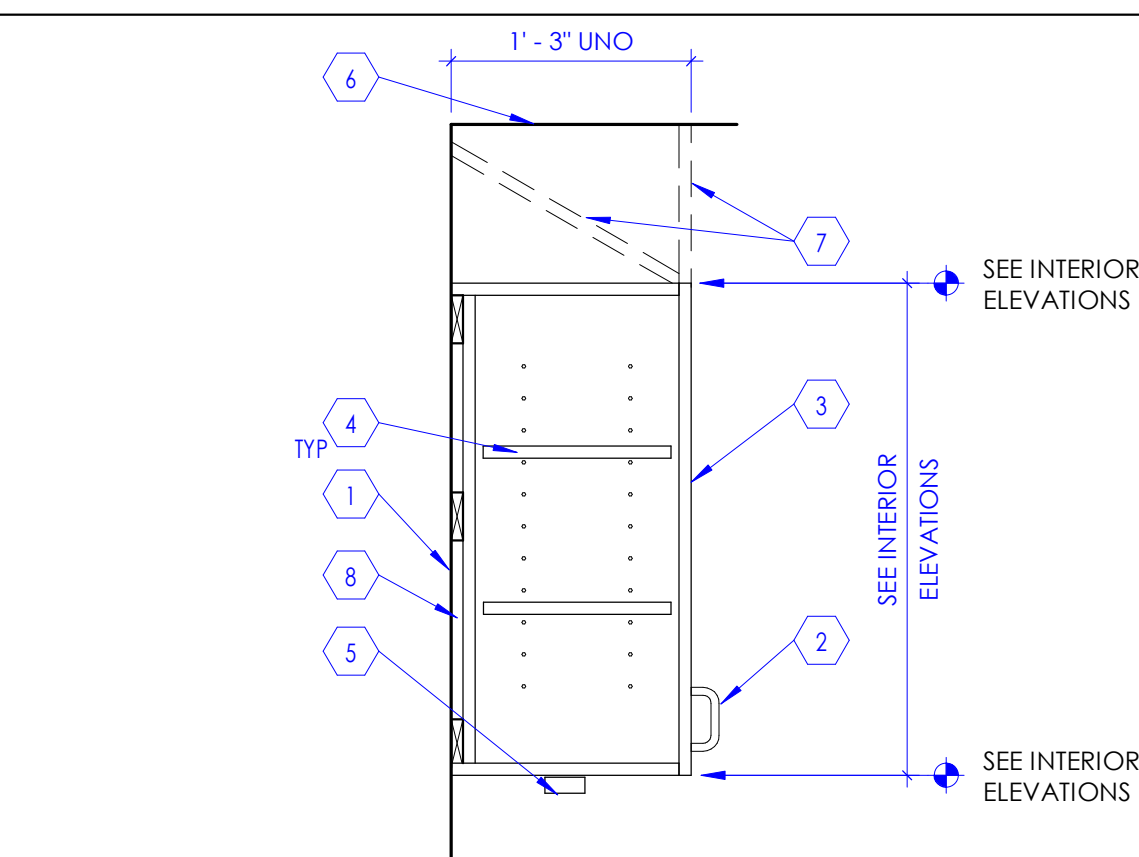
- FILE DRAWER, MINIMUM WIDTH SHALL BE 1'-4" TO HANG FOLDERS (FOR 8-1/2" x 11" SIZE PAPER).
- DETAIL FOR STEEL SUPPORTS FOR COUNTERTOP AT STUD WALLS.
- DETAIL FOR STEEL SUPPORTS FOR COUNTERTOP AT MASONRY AND CONCRETE WALLS.
- STEEL SUPPORT FOR COUNTERTOP. SEE RELEVANT DETAIL FOR STUD WALL, CMU, AND CONCRETE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



1 Cabinet Legend

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

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

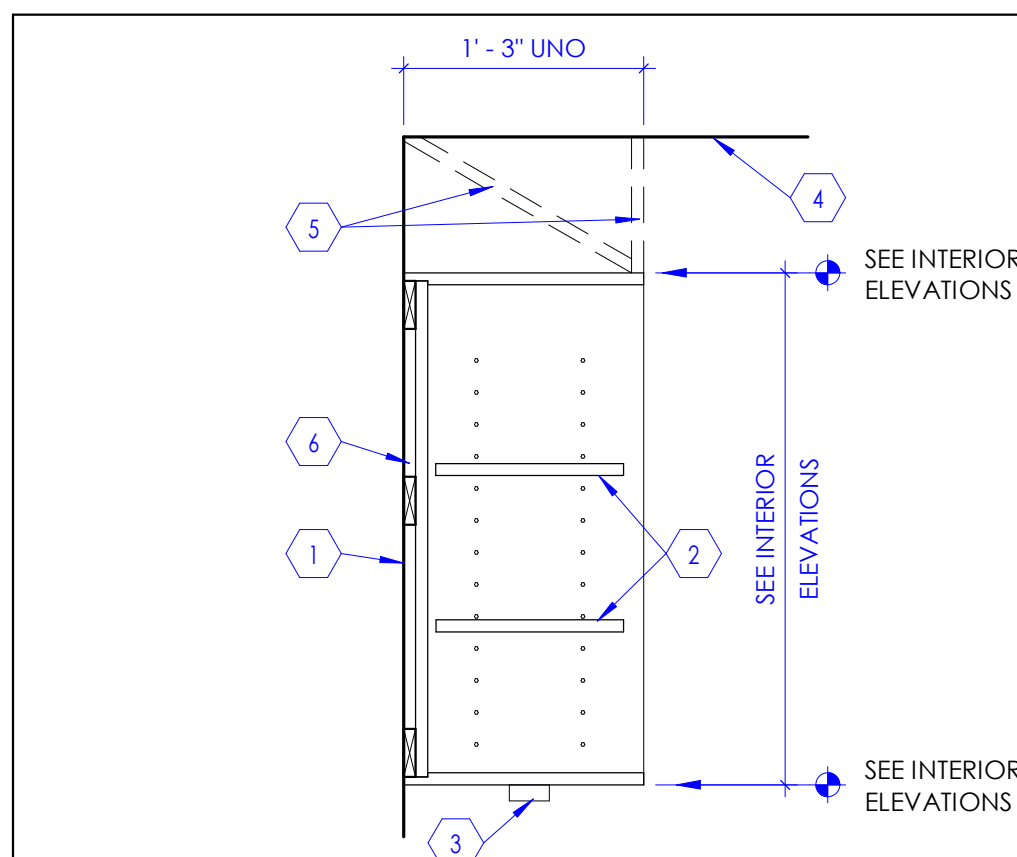


2 Wall Cabinet with Door

SCALE: 1" = 1'-0"

KEYED NOTES

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



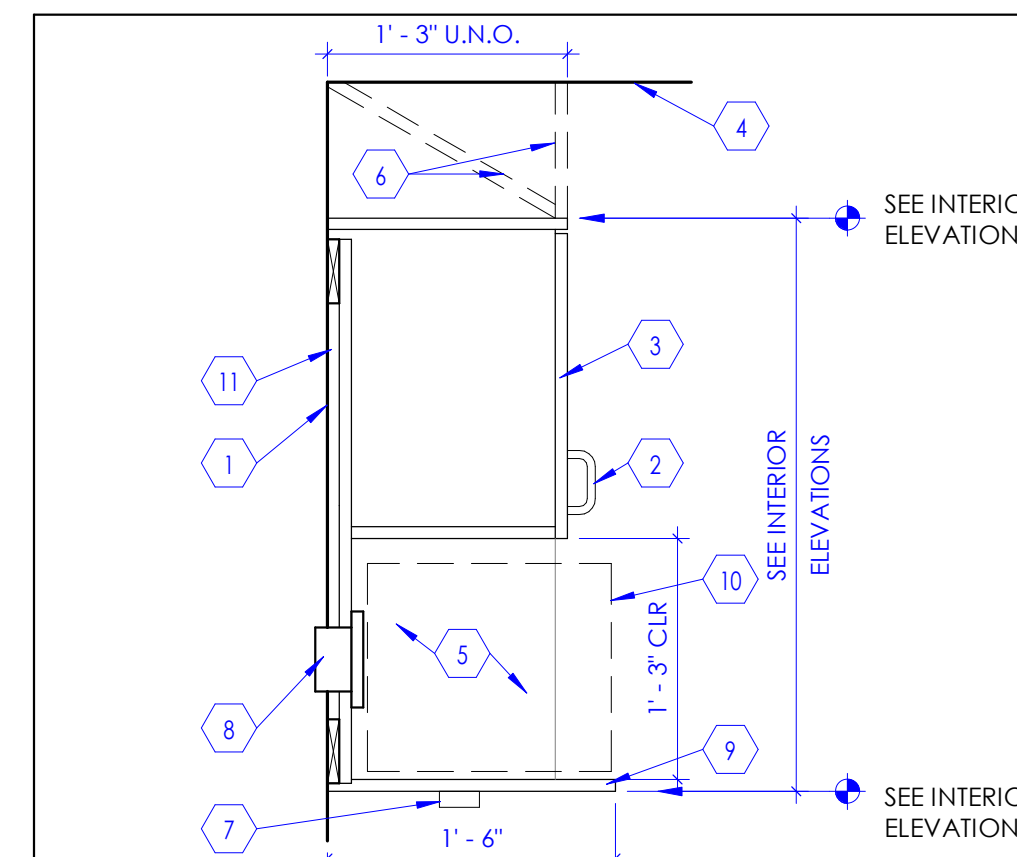
3 Wall Cabinet without Door

SCALE: 1" = 1'-0"

KEYED NOTES

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

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

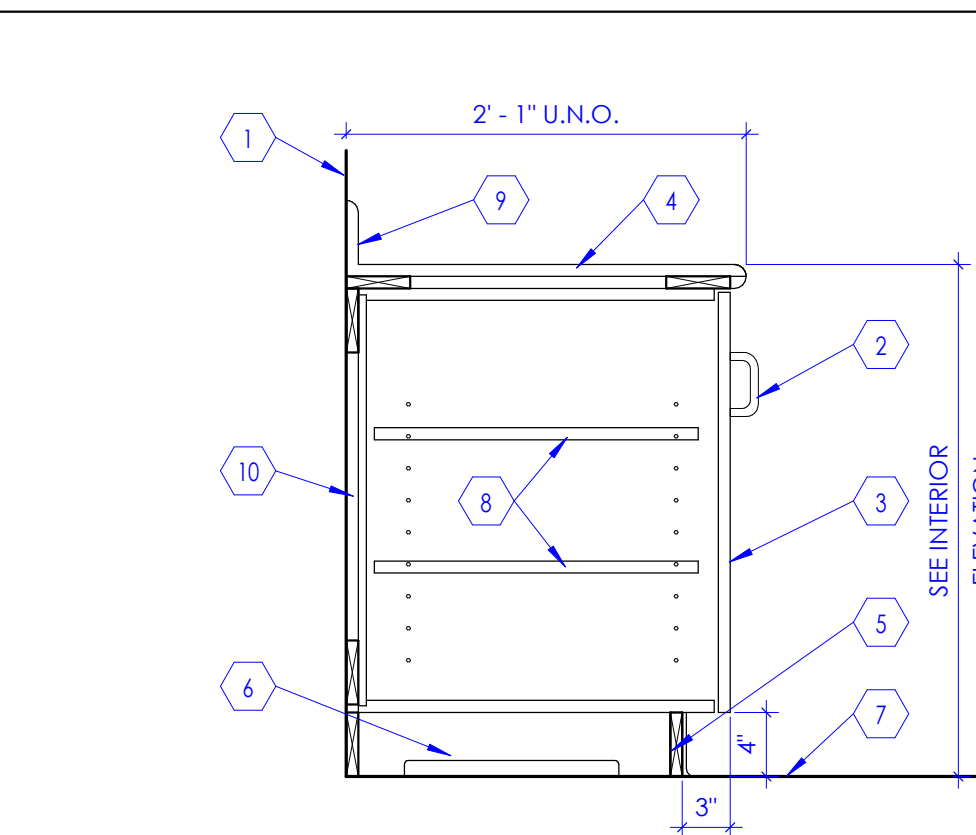


4 Wall Cabinet Door & Shelf

SCALE: 1" = 1'-0"

KEYED NOTES

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

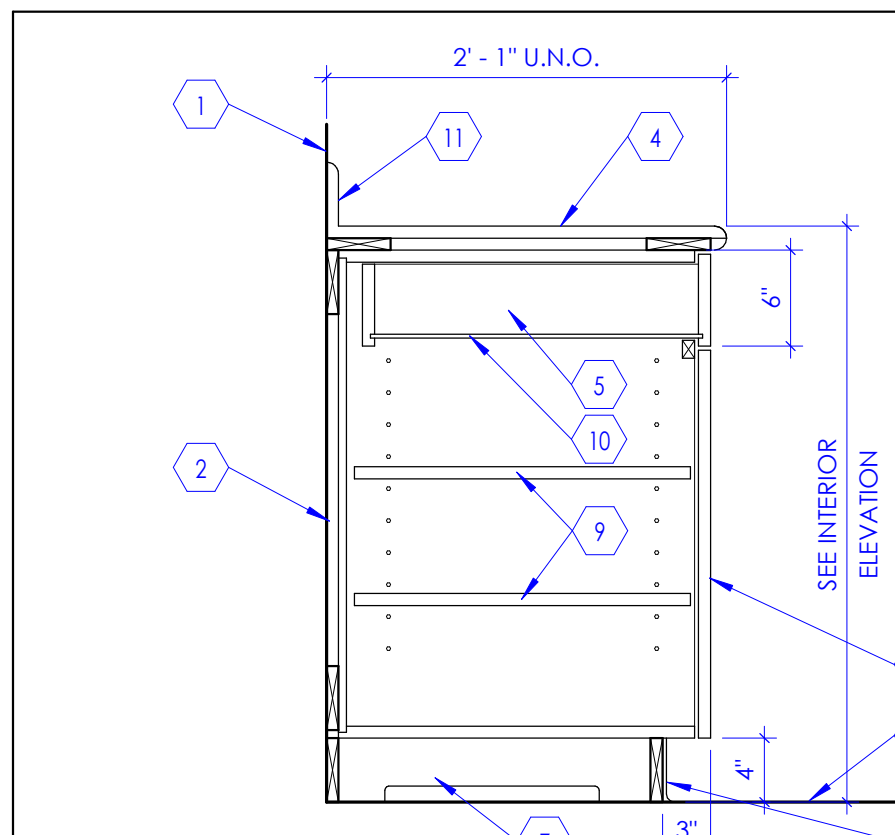


5 Base Cabinet with Door

SCALE: 1" = 1'-0"

KEYED NOTES

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

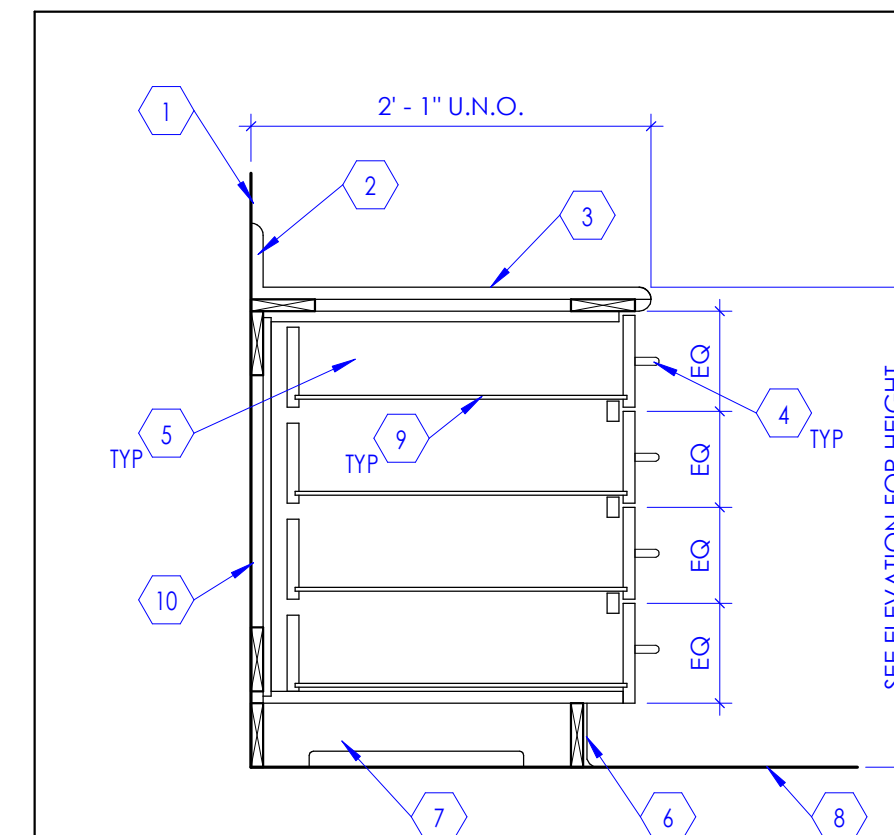


6 Base Cabinet with Drawer and Door

SCALE: 1" = 1'-0"

KEYED NOTES

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

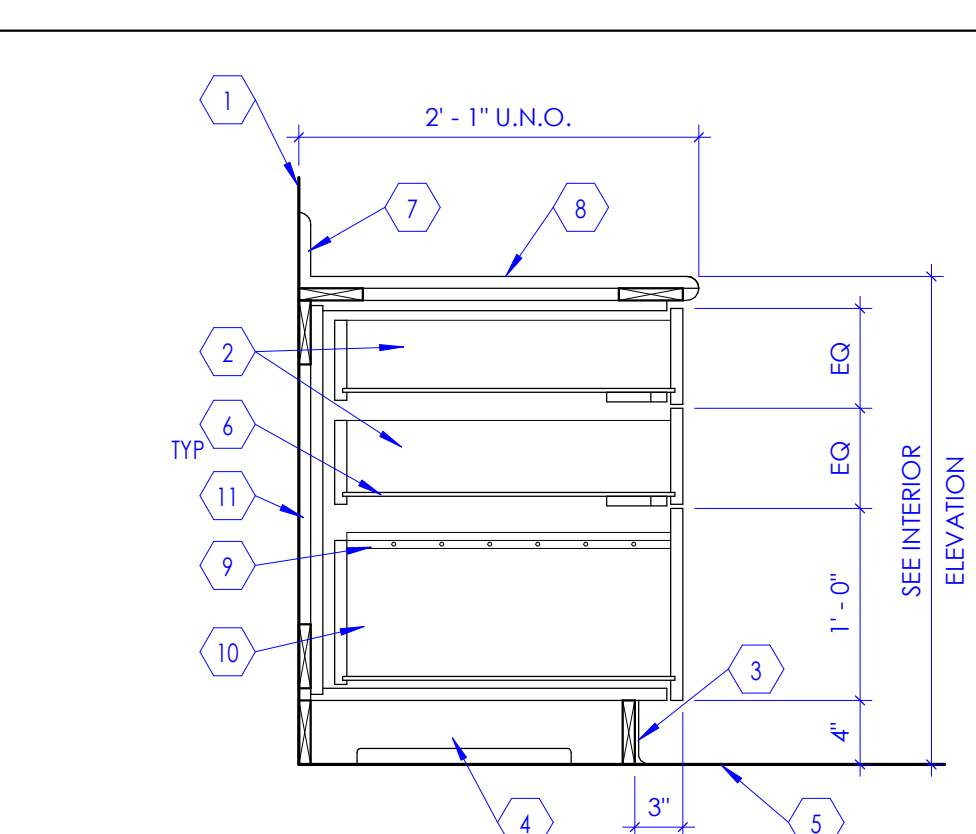


7 Base Cabinet with Drawers

SCALE: 1" = 1'-0"

KEYED NOTES

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

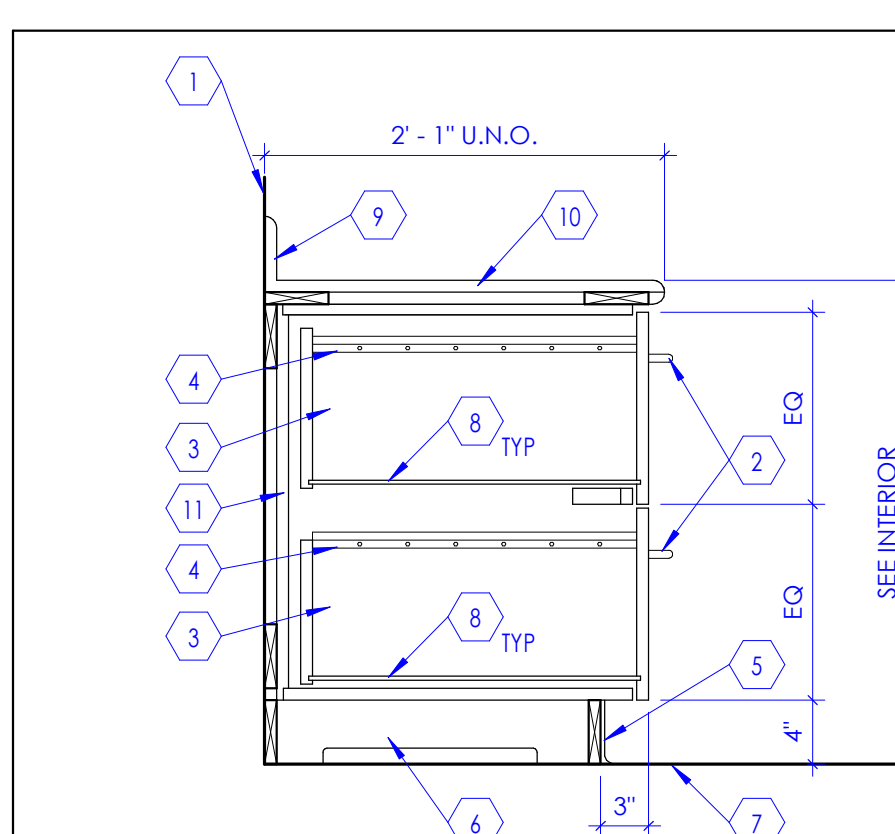


8 Base Cabinet with Drawers

SCALE: 1" = 1'-0"

KEYED NOTES

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

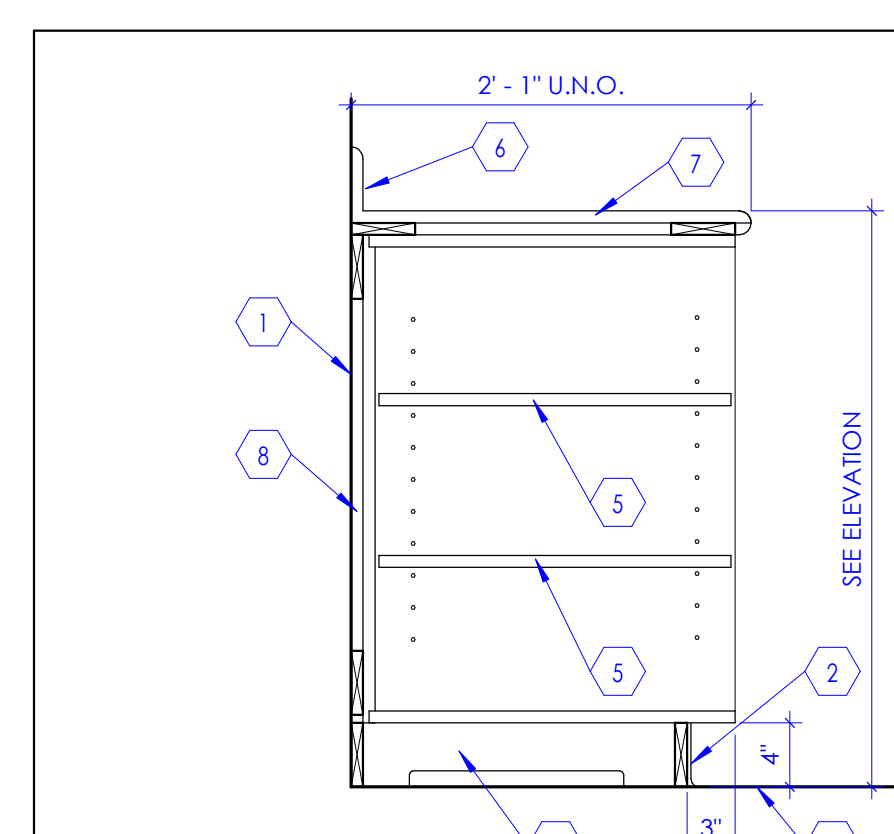


9 Base Cabinet with Two File Drawers

SCALE: 1" = 1'-0"

KEYED NOTES

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



10 Base Cabinet without Door

SCALE: 1" = 1'-0"

KEYED NOTES

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

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

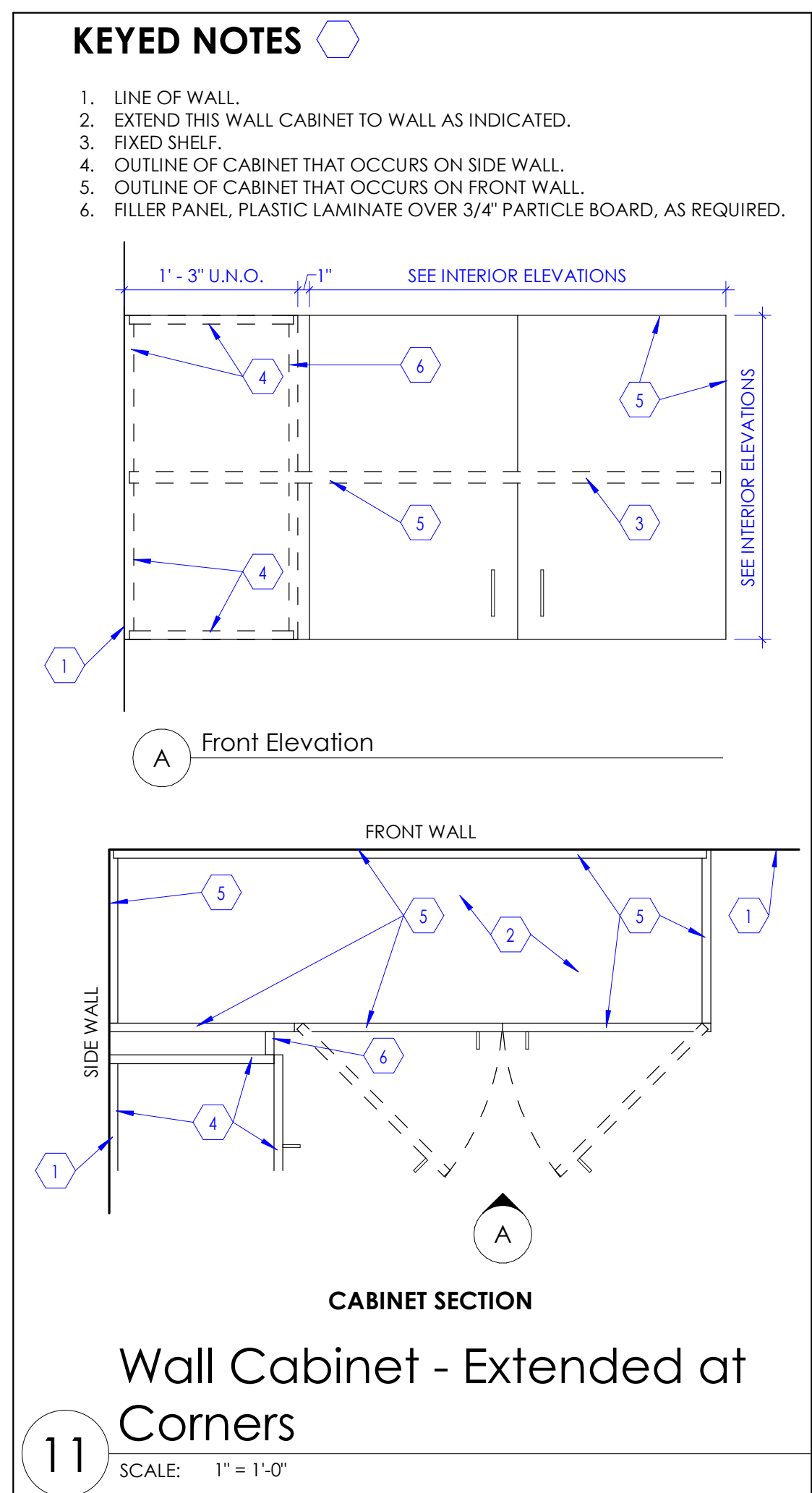
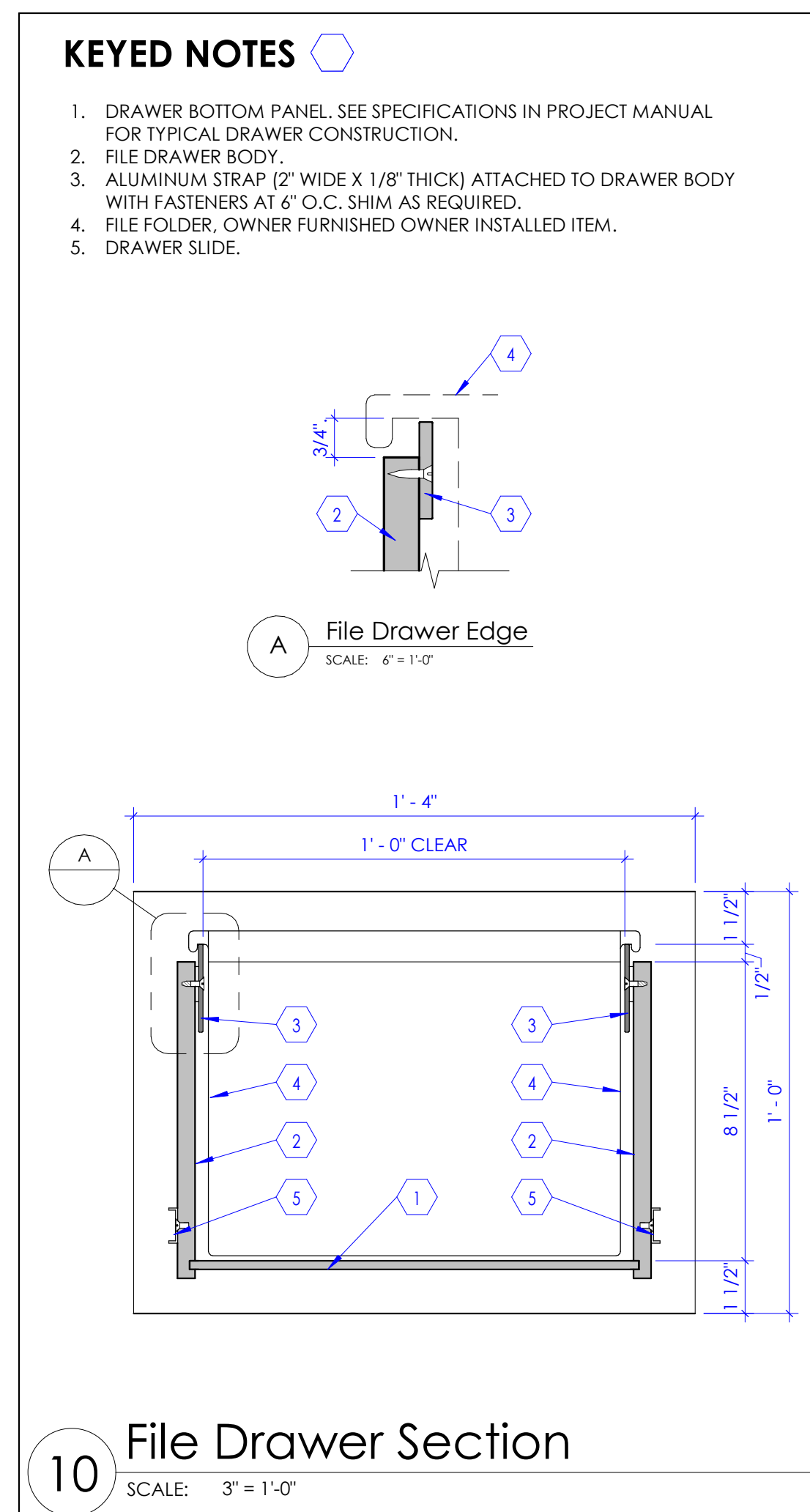
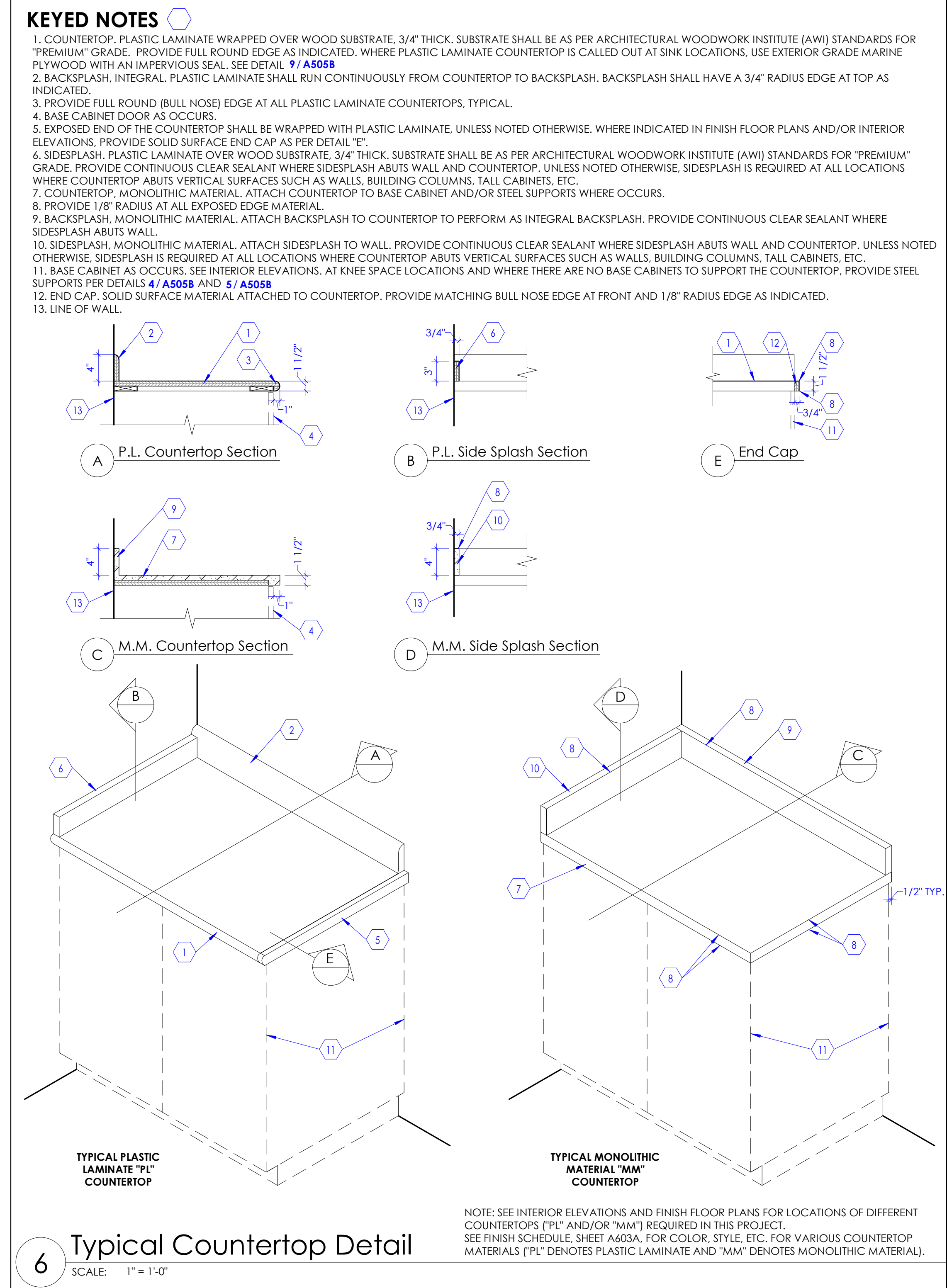
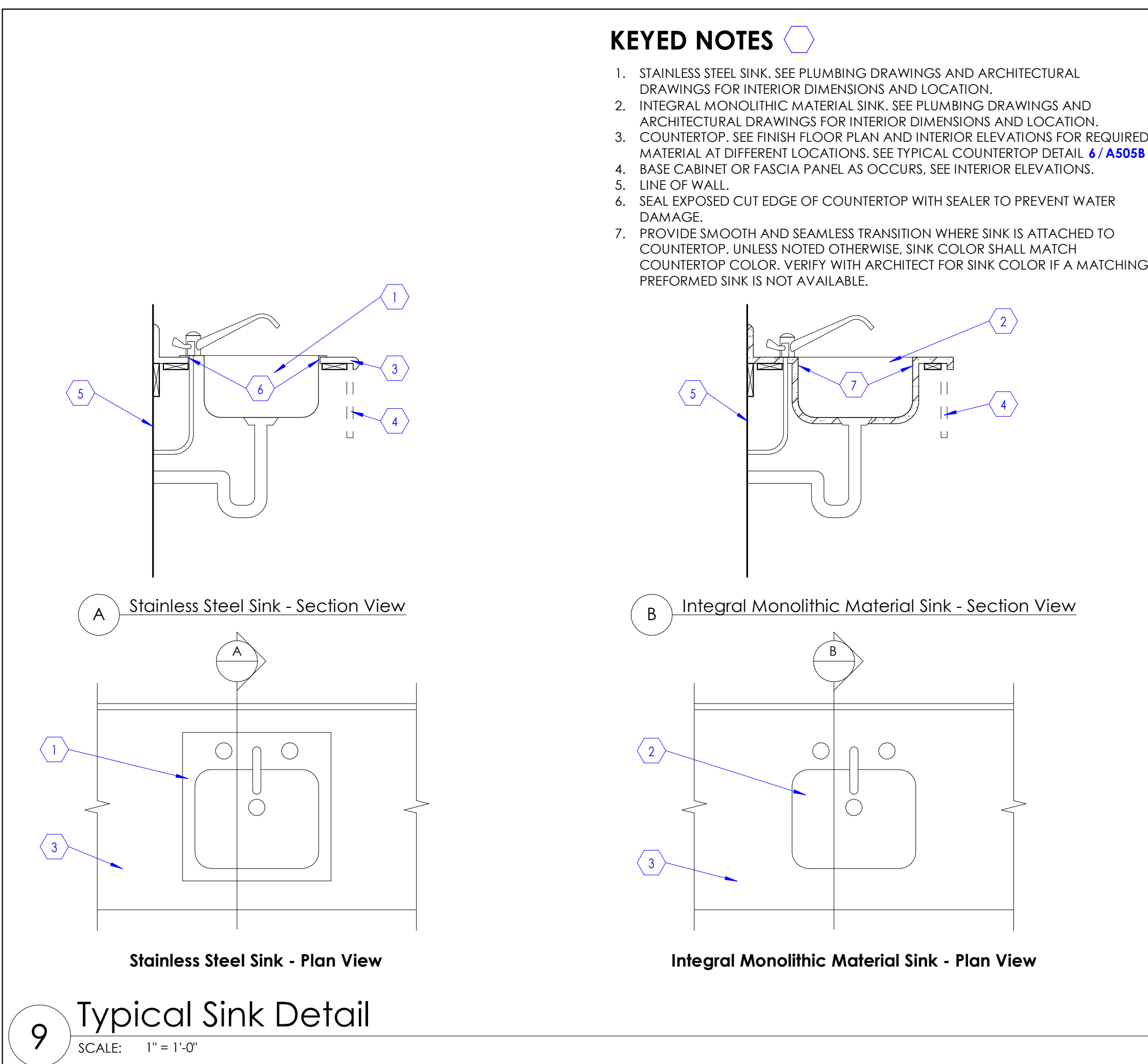
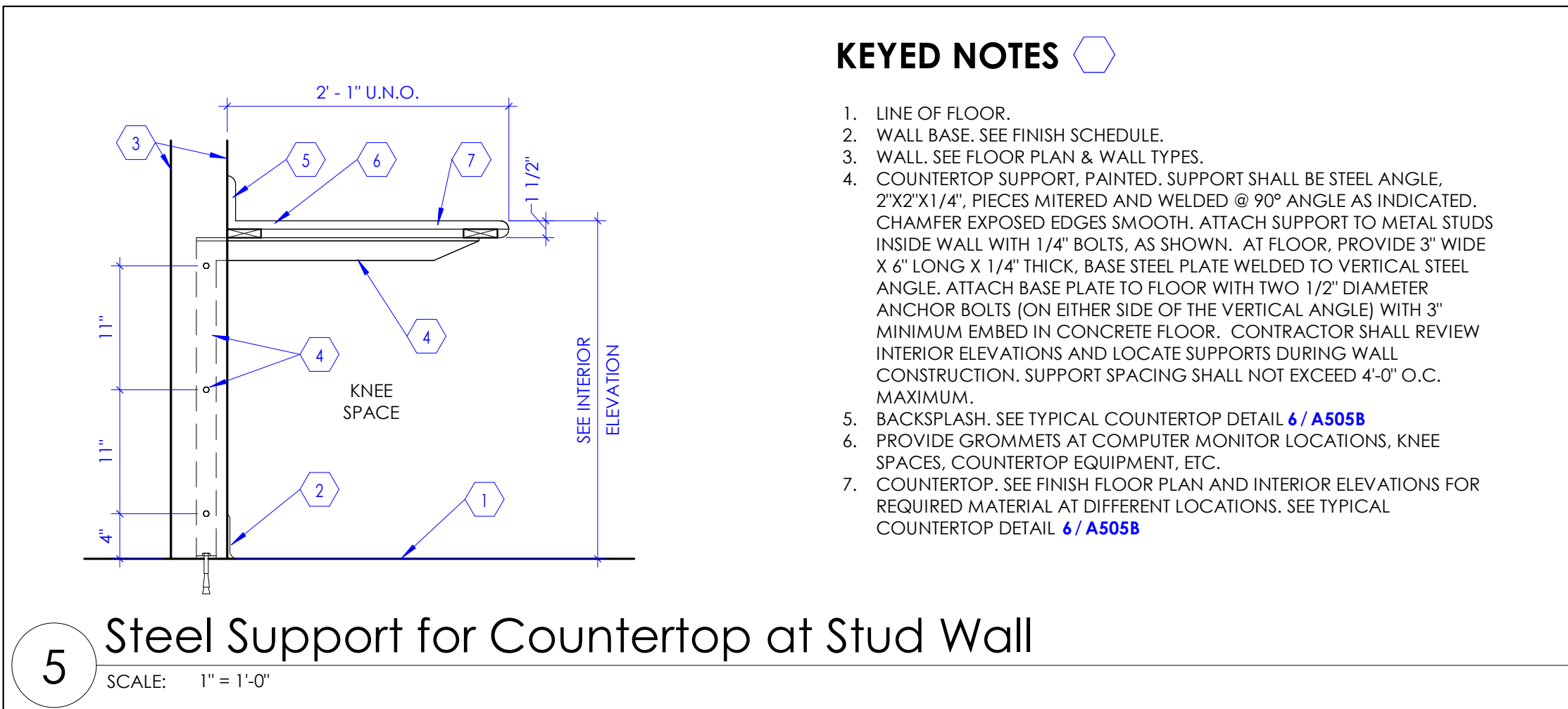
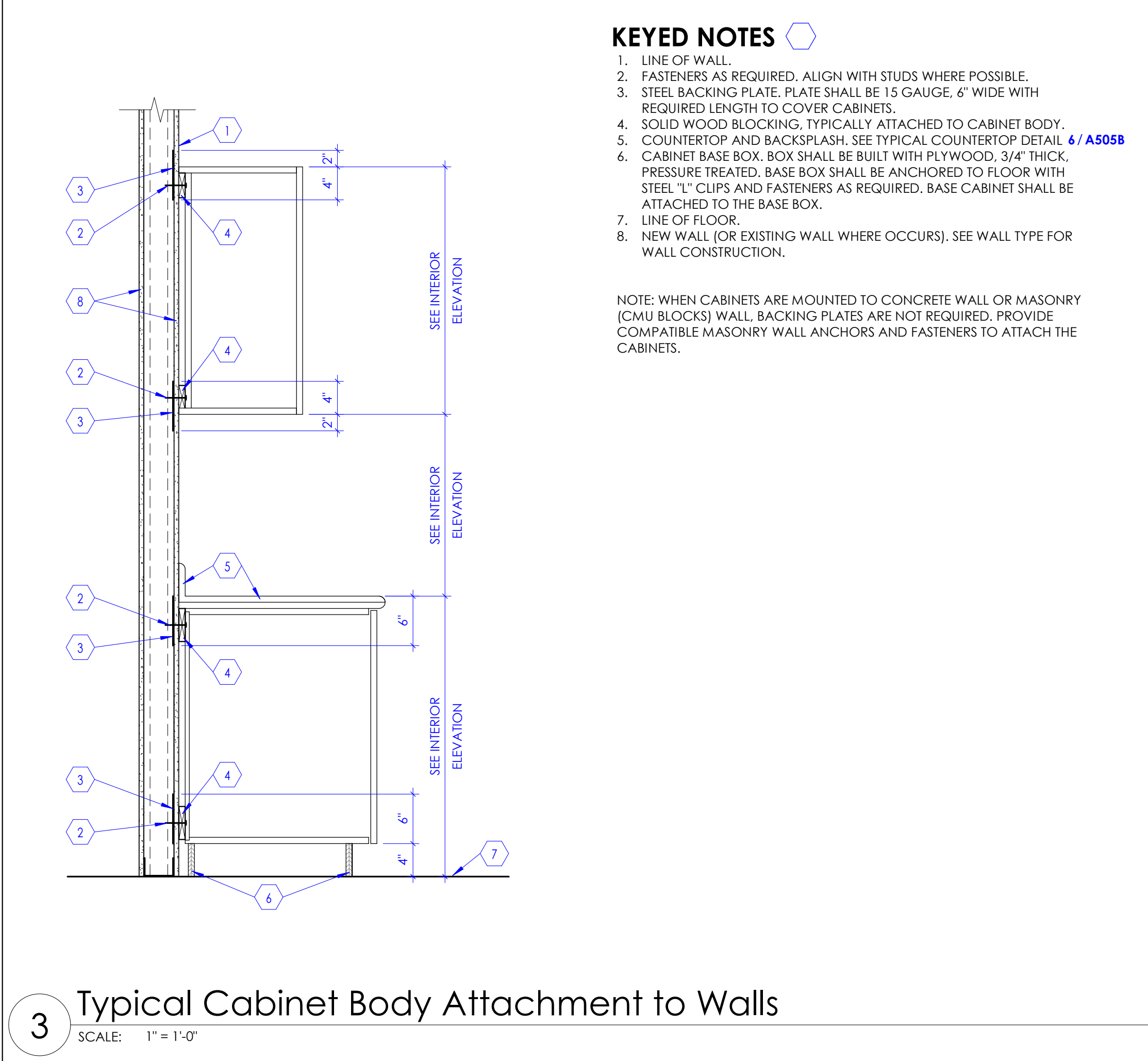
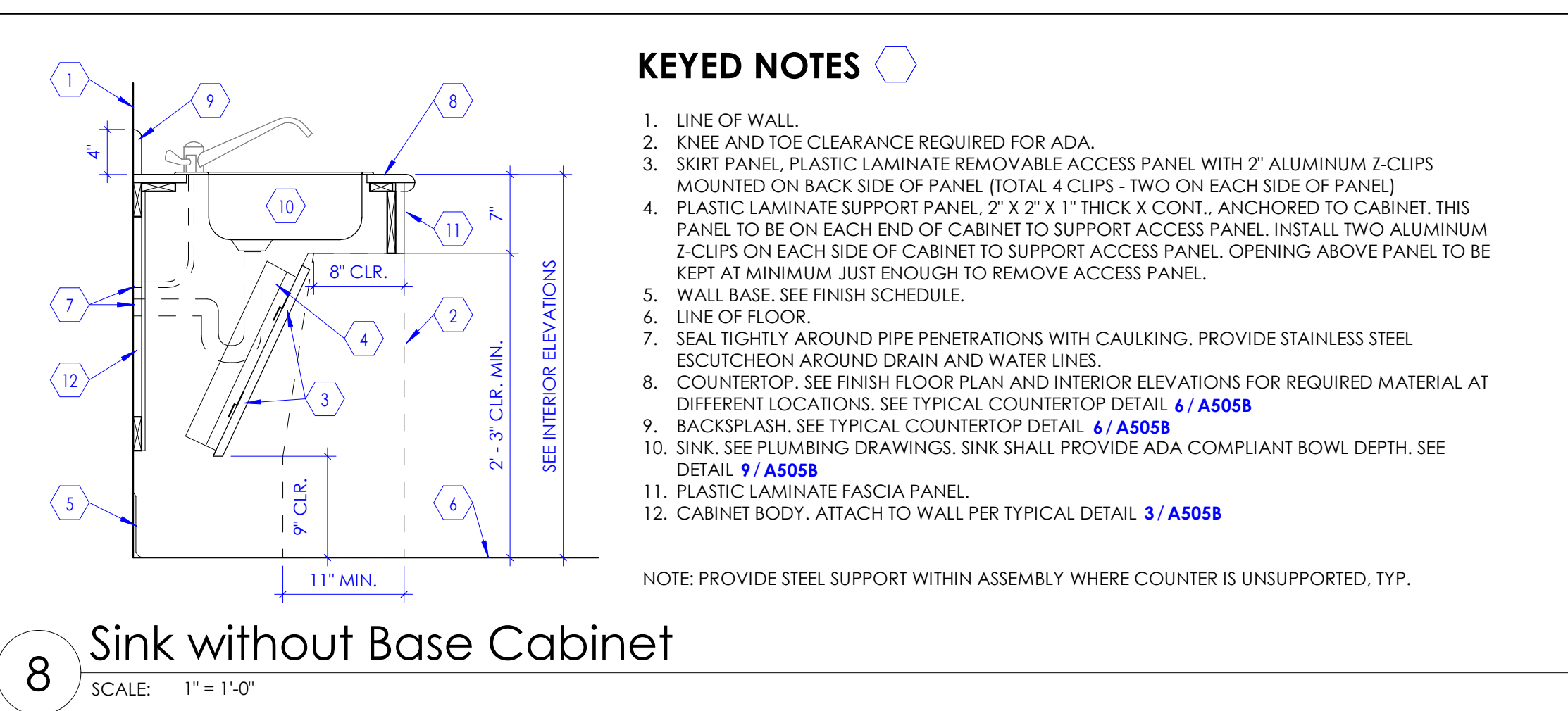
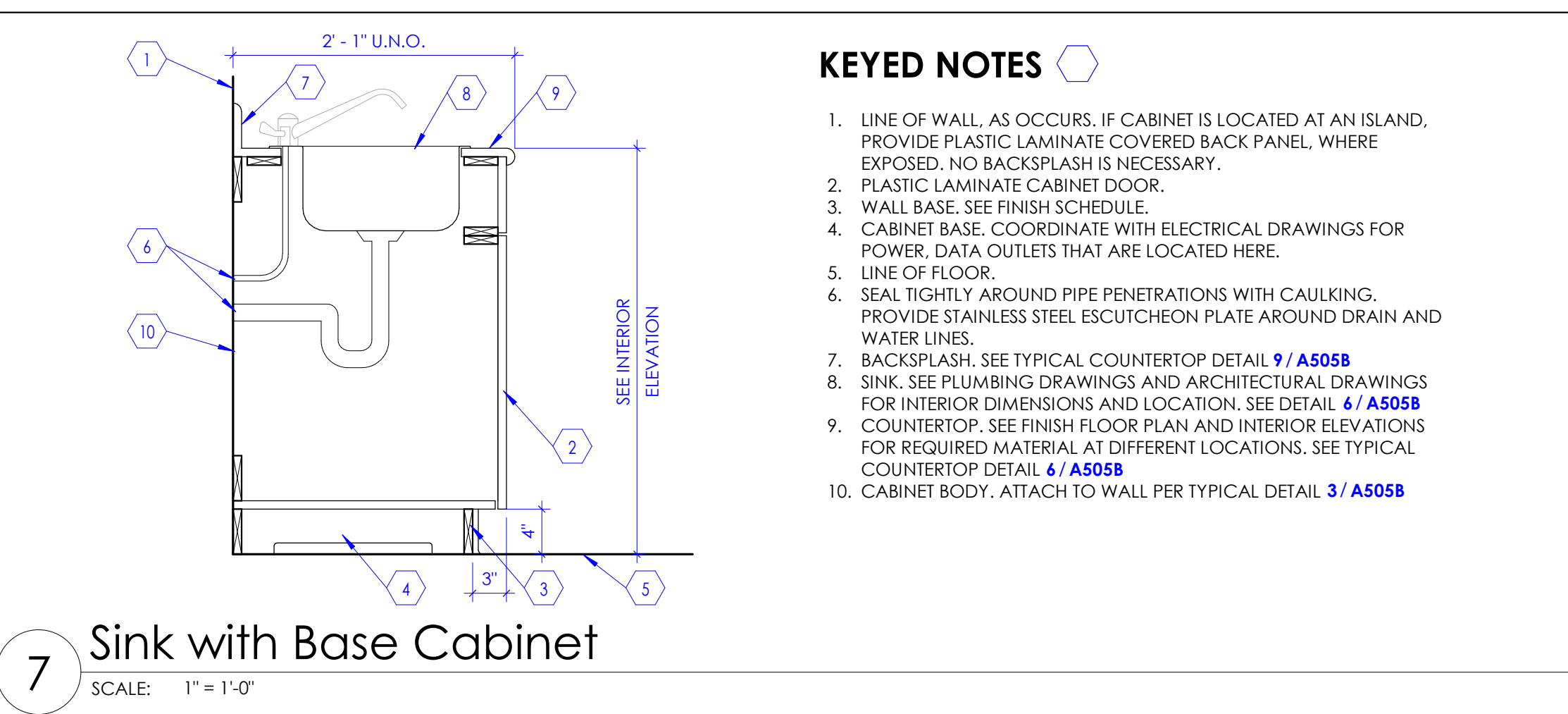
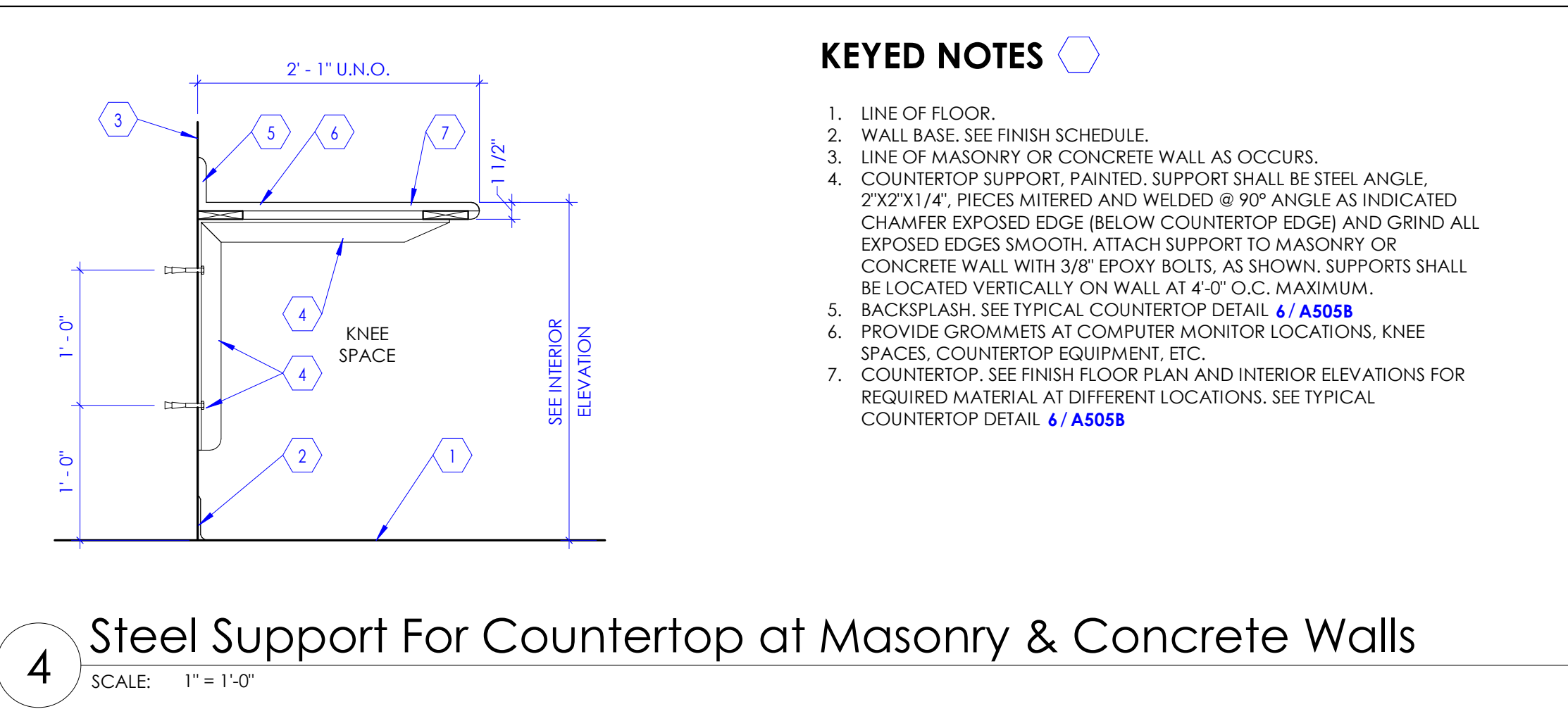
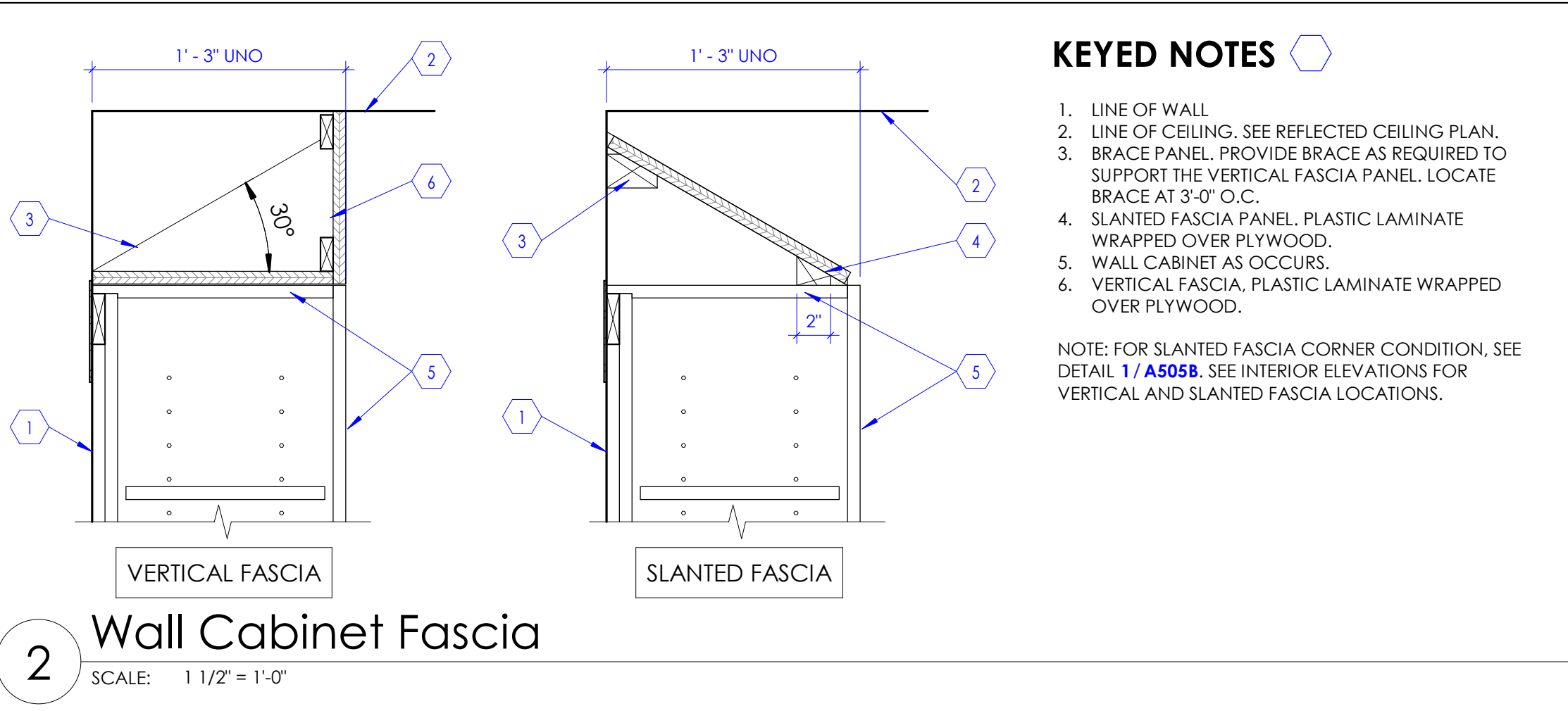
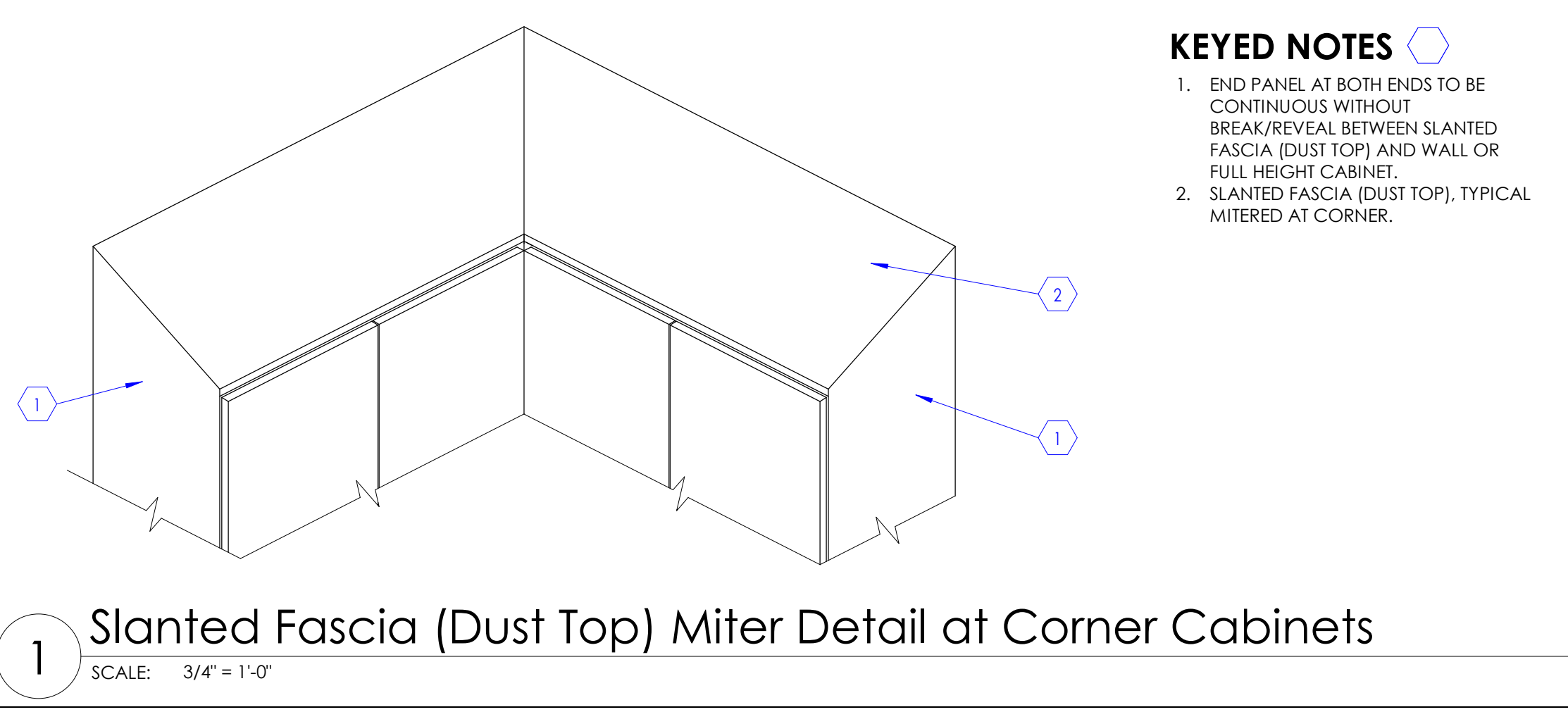
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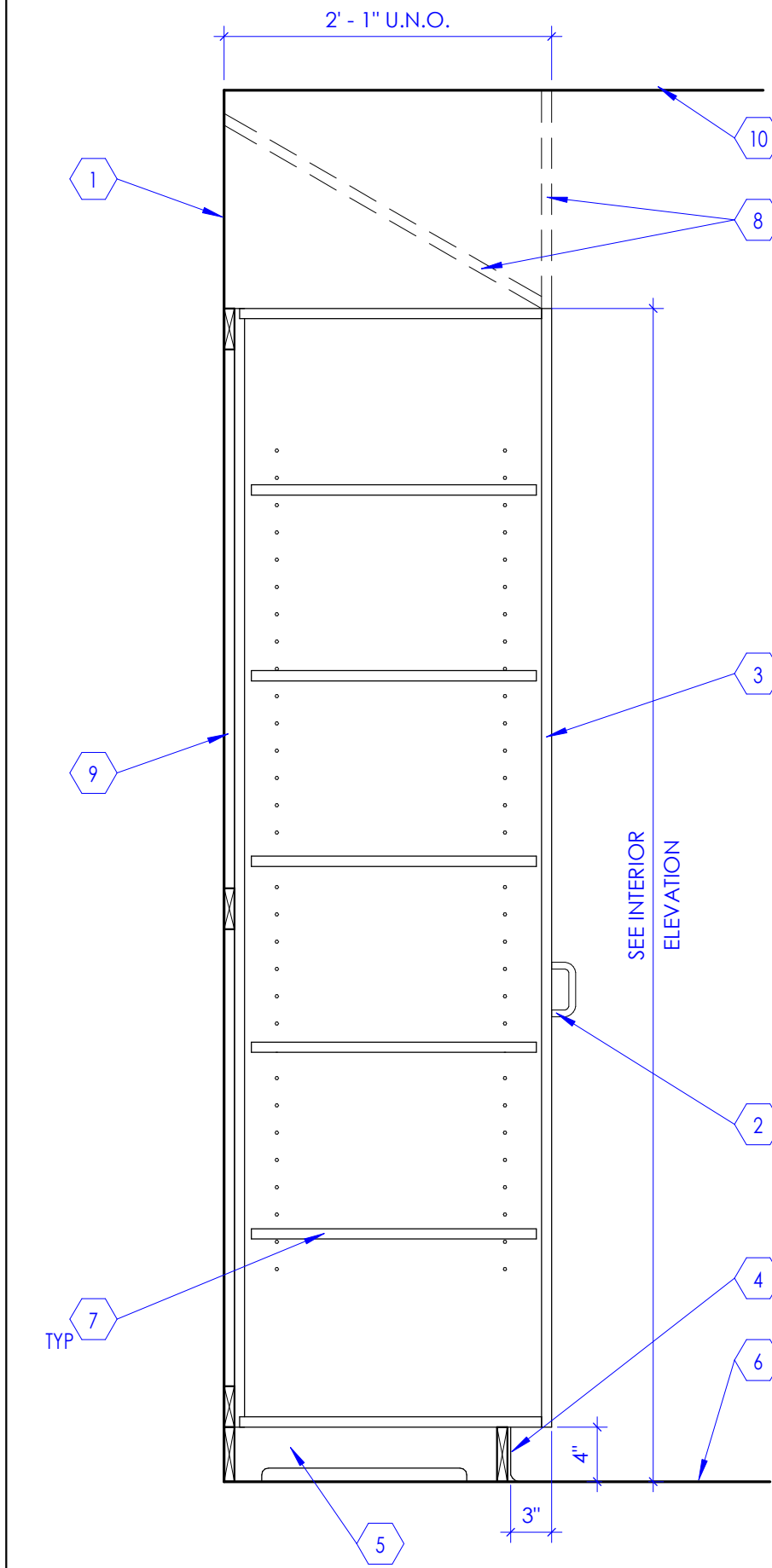
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Ogden, UT 84404

NJRA Project # 27707-00
Construction Documents Sept 02, 2022

Cabinet
Legend &
Details

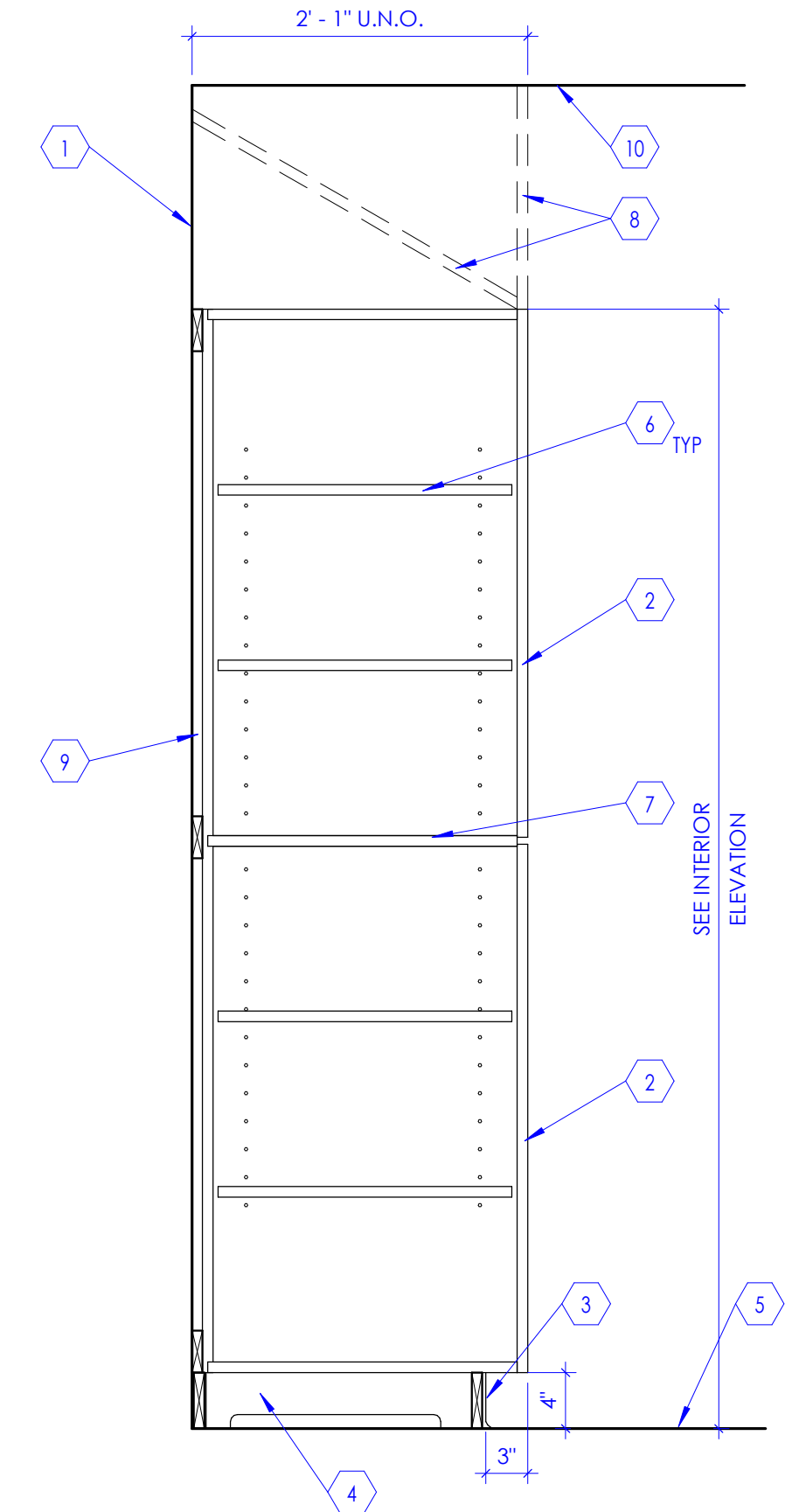
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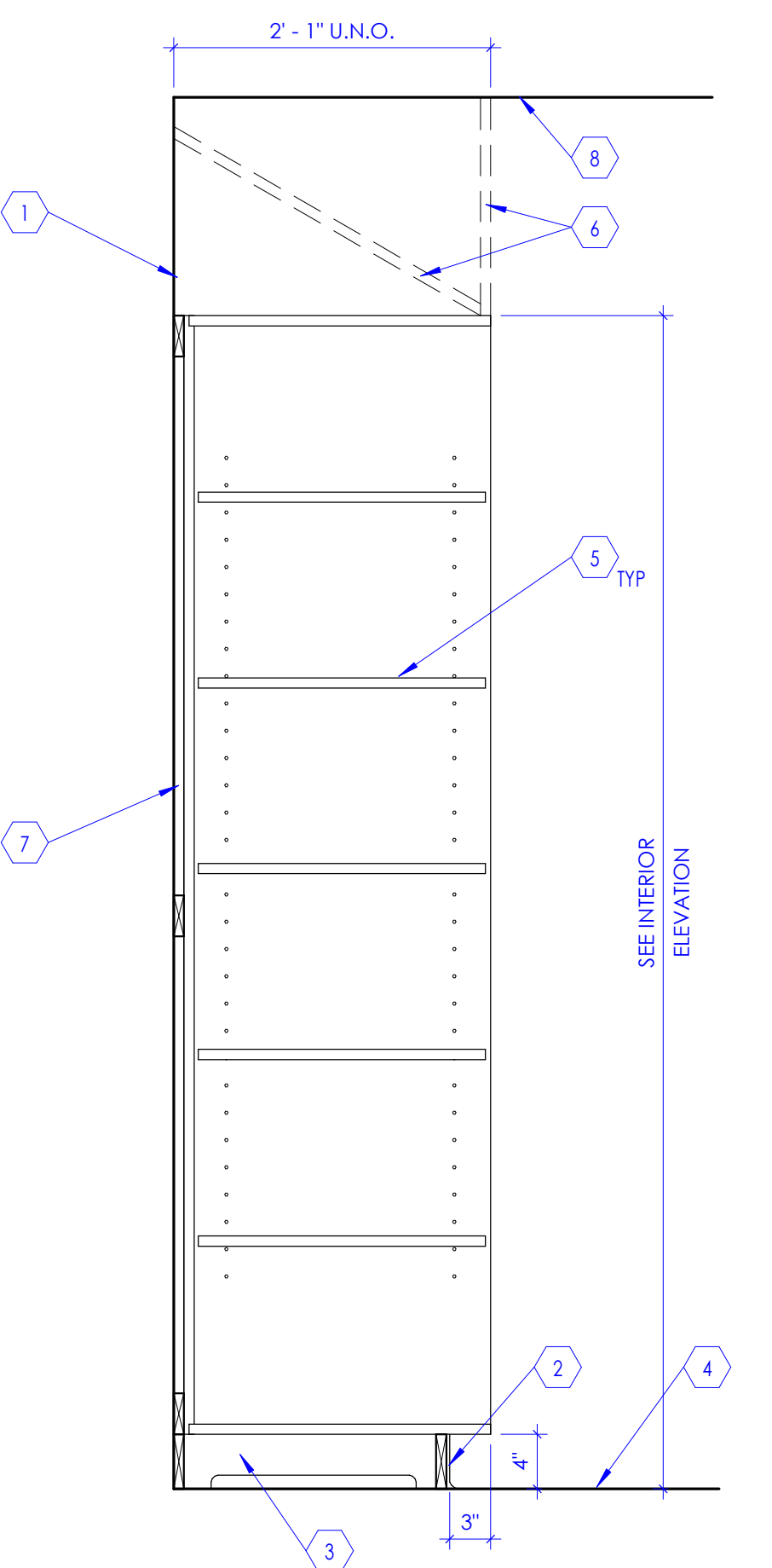
- KEYED NOTES**
1. LINE OF WALL.
 2. DOOR PULL. SEE SPECIFICATIONS IN PROJECT MANUAL.
 3. PLASTIC LAMINATE CABINET DOOR.
 4. WALL BASE. SEE FINISH SCHEDULE.
 5. CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER AND DATA OUTLETS THAT ARE LOCATED HERE.
 6. LINE OF FLOOR.
 7. ADJUSTABLE SHELF.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

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



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

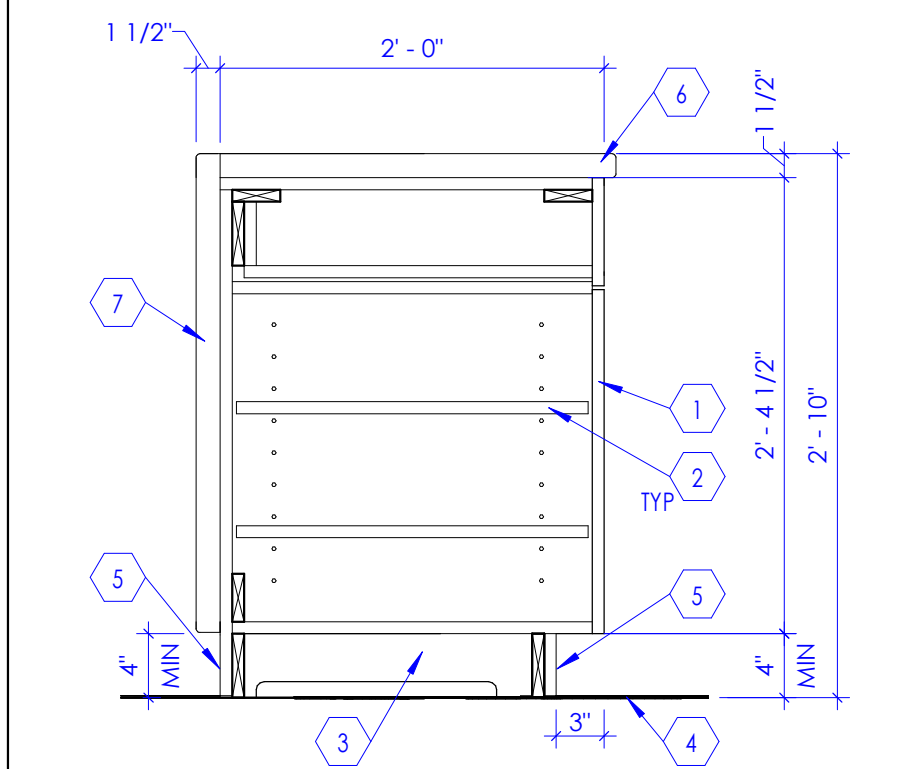
2 Tall Cabinet with Two Doors
SCALE: 1" = 1'-0"



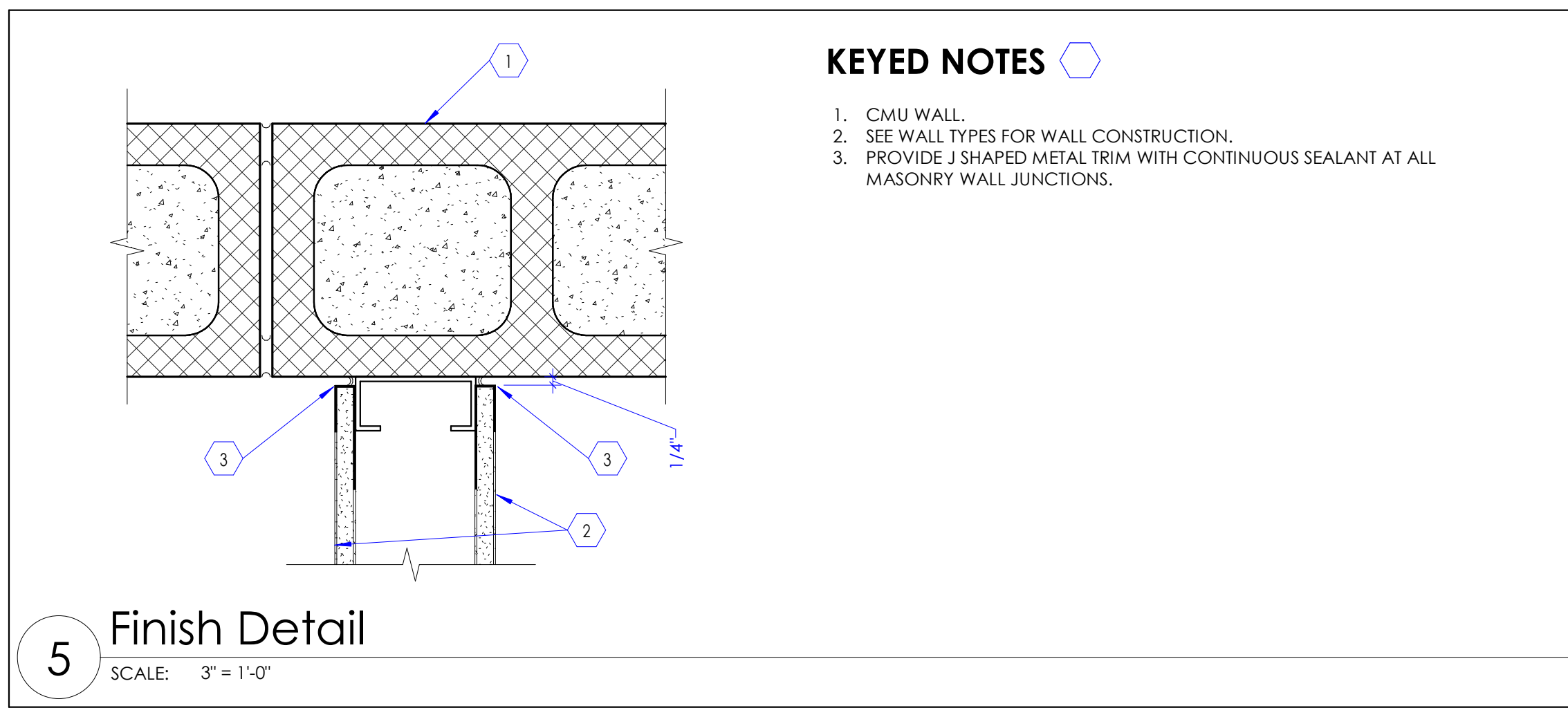
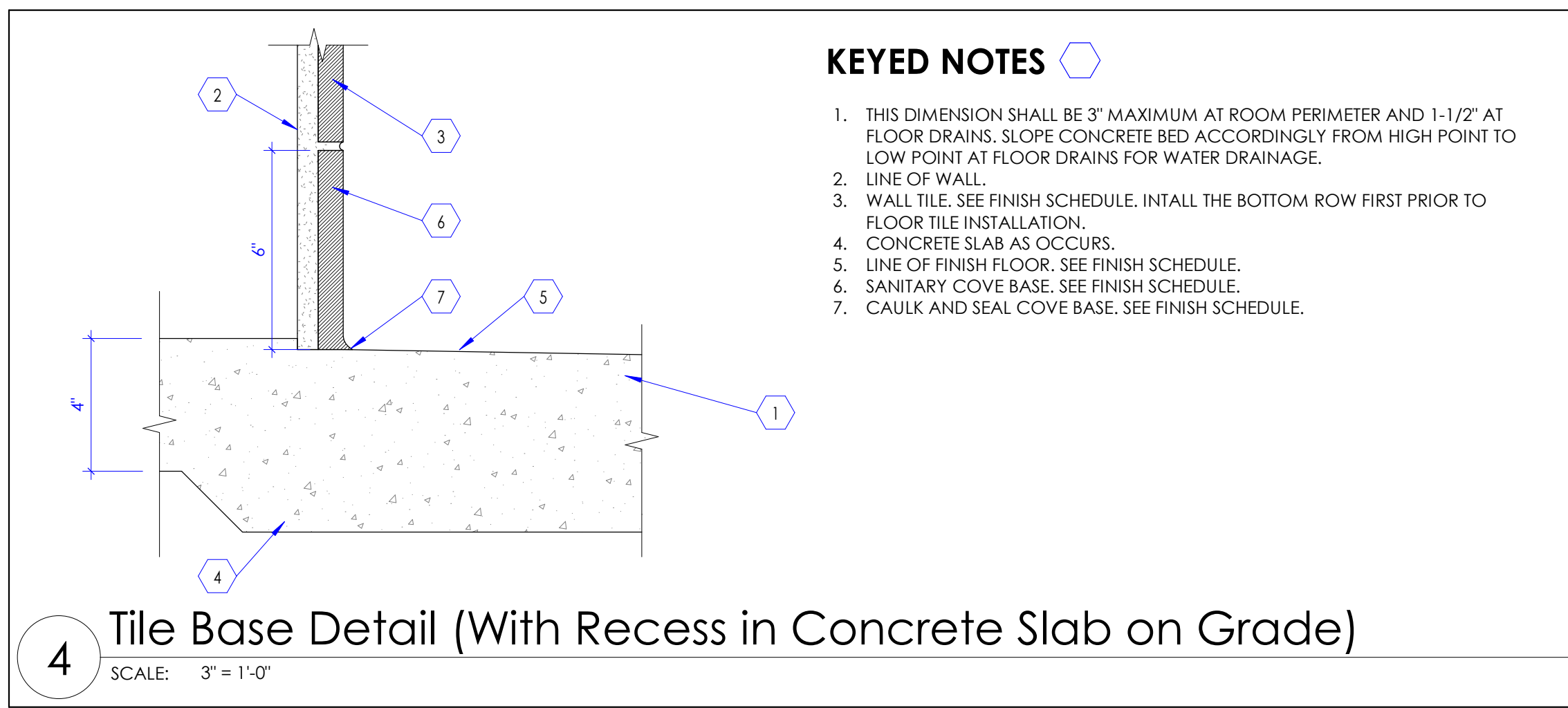
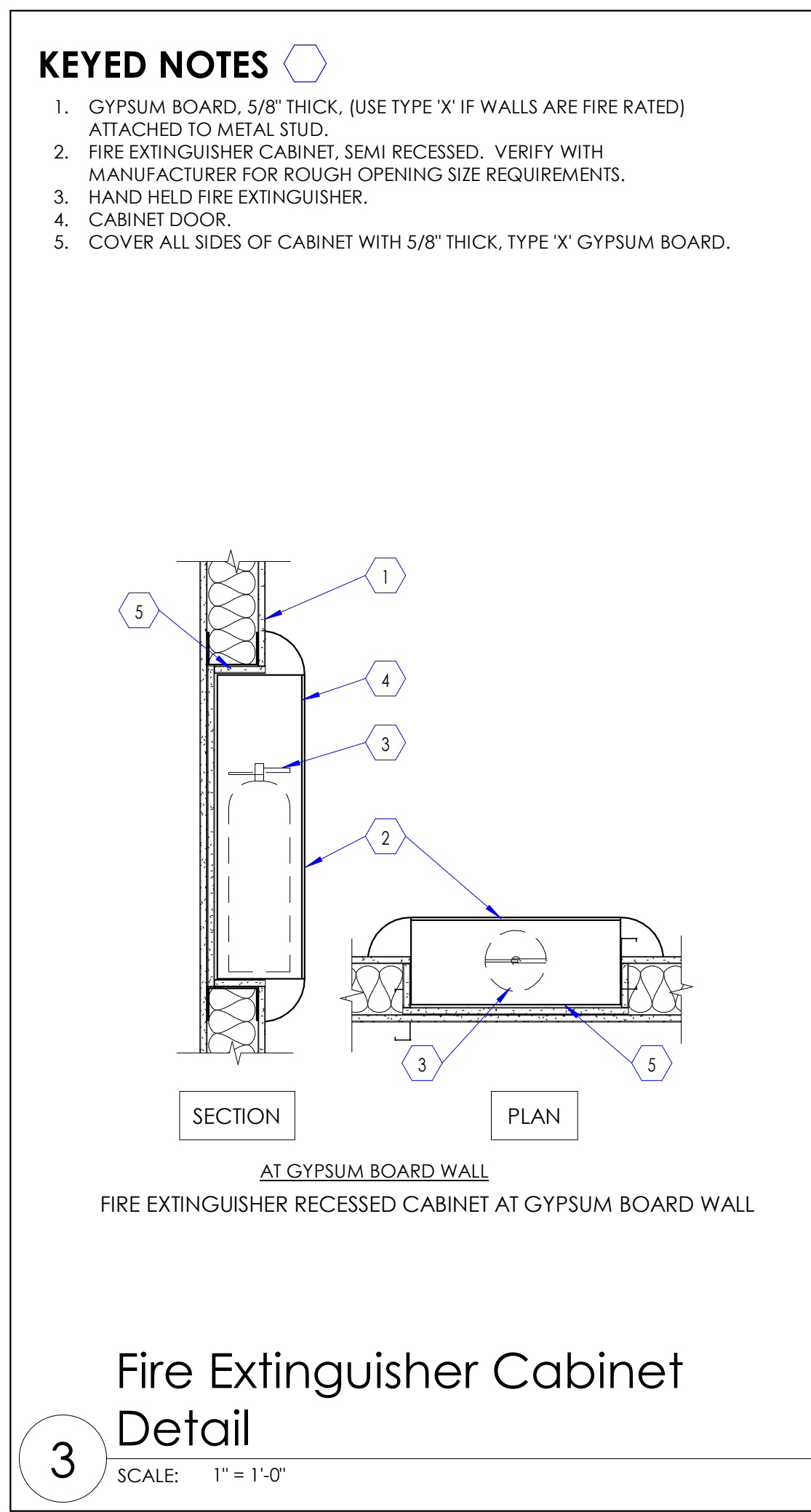
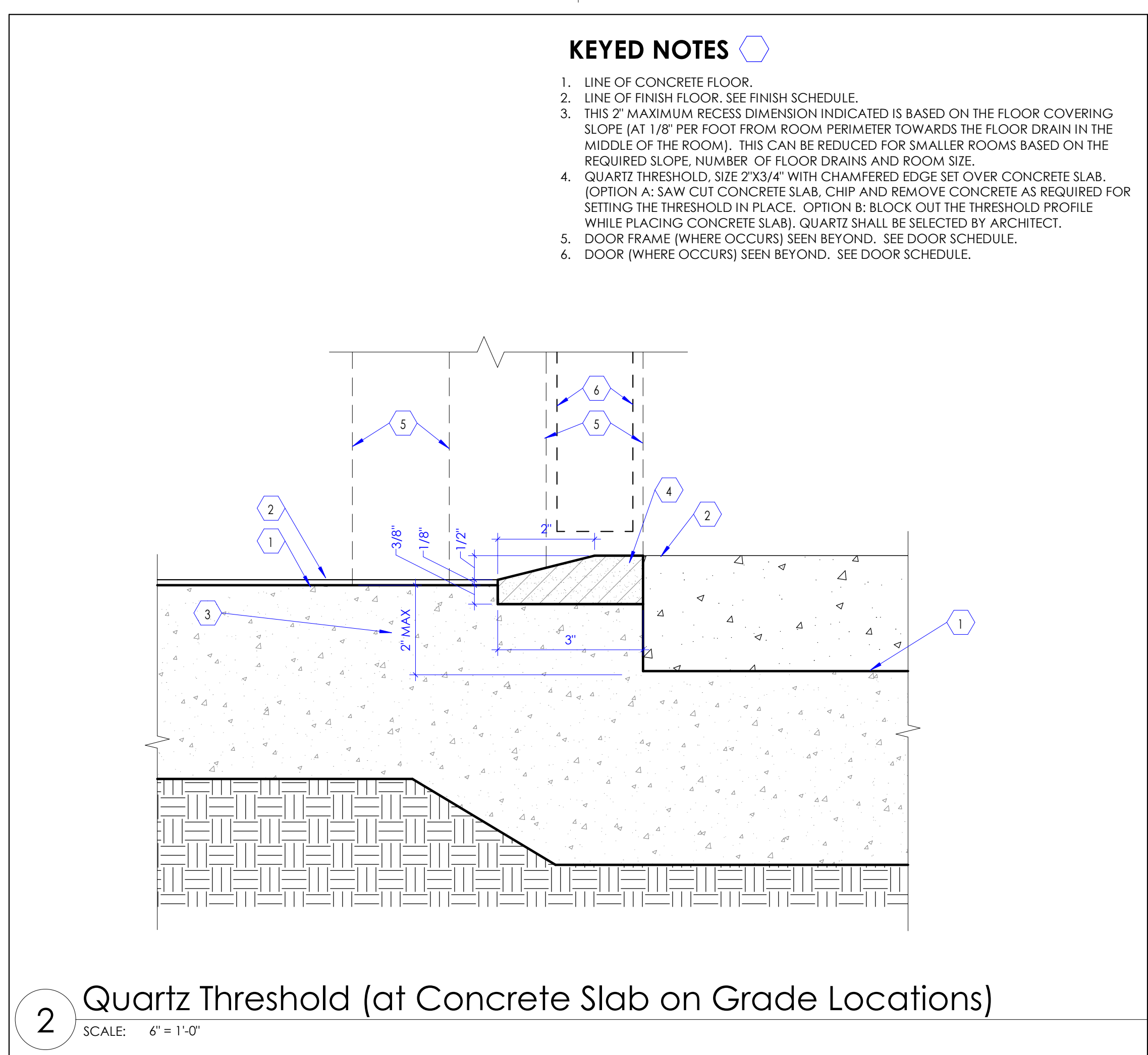
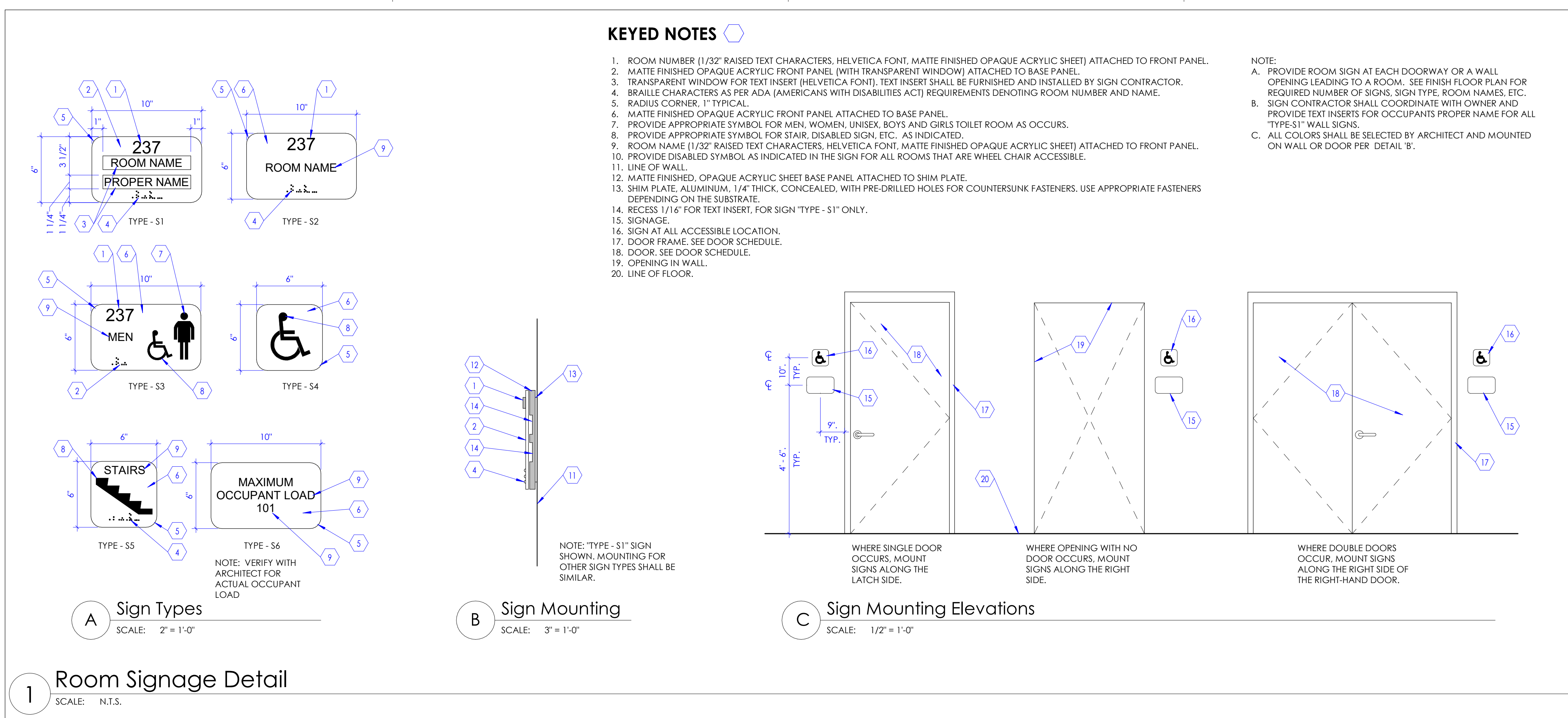
- KEYED NOTES**
1. LINE OF WALL.
 2. WALL BASE. SEE FINISH SCHEDULE.
 3. CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER AND DATA OUTLETS THAT ARE LOCATED HERE.
 4. LINE OF FLOOR.
 5. ADJUSTABLE SHELF. UNLESS NOTED OTHERWISE ON INTERIOR ELEVATIONS, PROVIDE A MINIMUM OF FIVE SHELVES, NOTCH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

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

- KEYED NOTES**
1. PLASTIC LAMINATE CABINET DOOR.
 2. ADJUSTABLE CABINET SHELVING. SEE CABINET LEGEND ON SHEET 1/A505A AND INTERIOR ELEVATIONS.
 3. CABINET BASE. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER, DATA OUTLETS THAT ARE LOCATED HERE.
 4. LINE OF FLOOR.
 5. WALL BASE. SEE FINISH SCHEDULE.
 6. MONOLITHIC COUNTERTOP. PROVIDE 1/4" RADIUS ROUNDED EDGE. CONTINUOUS. SEE FINISH FLOOR PLAN AND INTERIOR ELEVATIONS FOR REQUIRED MATERIAL AT DIFFERENT LOCATIONS. SEE TYPICAL COUNTERTOP DETAIL.
 7. MONOLITHIC COUNTERTOP WITH WATERFALL EDGE. PROVIDE 1/4" RADIUS ROUNDED EDGE. CONTINUOUS. SEE INTERIOR ELEVATIONS, FINISH FLOOR PLAN AND SCHEDULE.



4 Waterfall Countertop Detail
SCALE: 1" = 1'-0"



1 Door Types

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

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

KEYED NOTES

- VISION PANEL, GLAZING IN VISION PANEL SHALL BE 1/4" THICK, CLEAR, TEMPERED, GLAZING, FOR WOOD DOOR. PROVIDE WOOD TRIM FRAME FLUSH WITH THE FACE OF THE DOOR, AROUND THE VISION PANEL OPENING. STAIN AND SPECIES OF WOOD TRIM SHALL MATCH WOOD DOOR. FOR HOLLOW METAL DOOR, PROVIDE METAL TRIM AROUND VISION PANEL. GLAZING SHALL BE FIRE RATED IF DOORS ARE REQUIRED TO BE FIRE RATED.
- FOR EXTERIOR DOORS OF THIS TYPE, GLAZING SHALL BE TINTED, INSULATED, TEMPERED, LOW E, AND 1" THICK. FOR INTERIOR DOORS OF THIS TYPE, GLAZING SHALL BE CLEAR, TEMPERED AND 1/4" THICK.

DOOR SCHEDULE

DOOR #	# OF PANELS	WIDTH		DOOR SIZE				FRAME			DETAILS			DOOR #	FIRE RATING (MINUTES)	HARDWARE GROUP	COMMENTS
		W1	W2	HEIGHT	THICKNESS	MATERIAL	TYPE (1/A601A)	TYPE (2/A601A)	DEPTH	MATERIAL	JAMB	HEAD	THRESHOLD				
A102	1	3' - 0"		7' - 0"	1 3/4"	WD	A	1	6 1/4"	HM	3/A601	3/A601	2/A506A	A102		03	1, 2, 3
A103	1	3' - 0"		7' - 0"	1 3/4"	WD	A	1	6 1/4"	HM	3/A601	3/A601	2/A506A	A103		03	1, 2, 3

COMMENTS

- SEE FINISH SCHEDULE FOR DOOR FRAME FINISH.
- REUSE EXISTING DOORS AND HARDWARE WHERE POSSIBLE.
- INSTALL NEW KICKPLATE ON DOOR.

KEYED NOTES

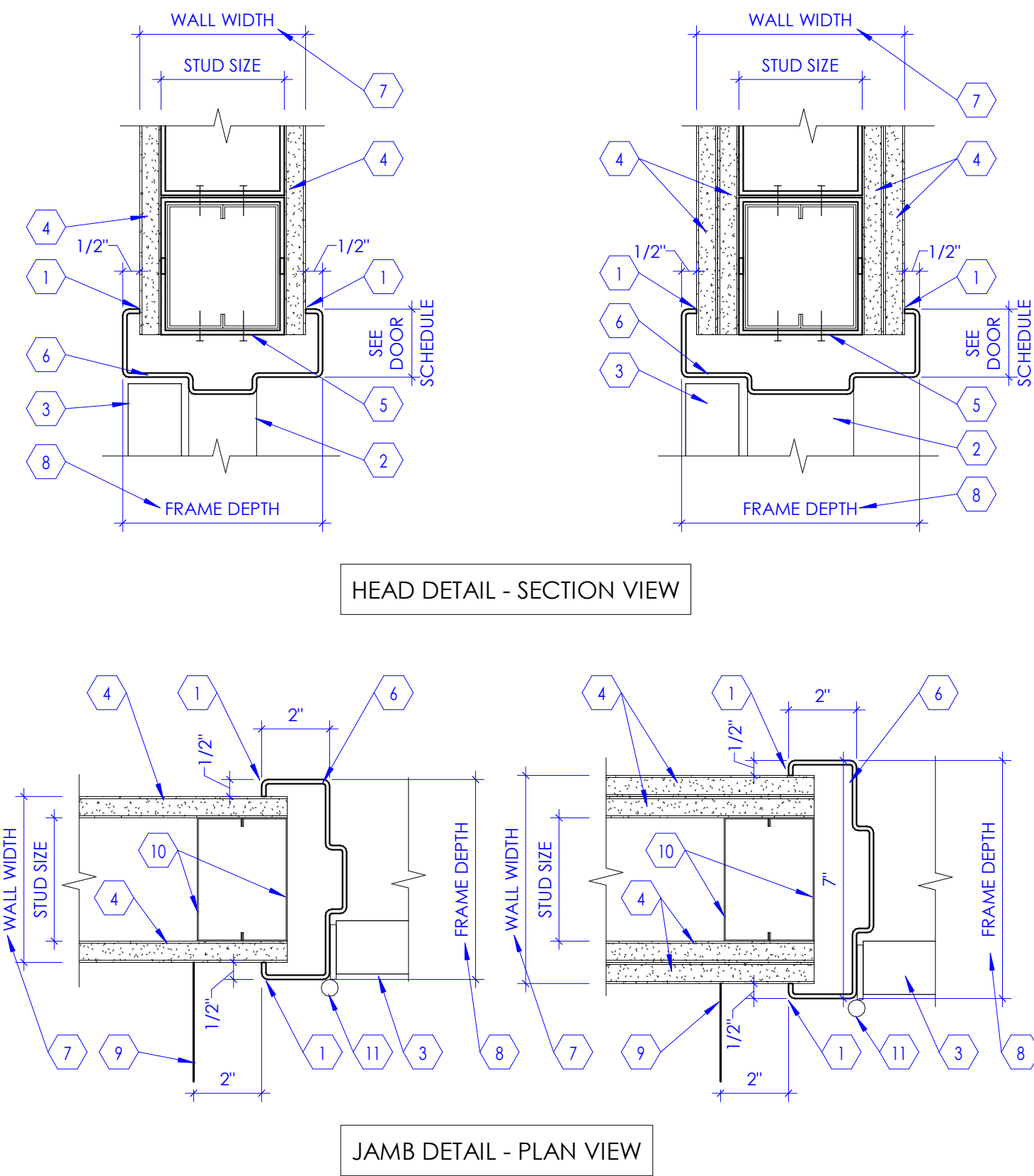
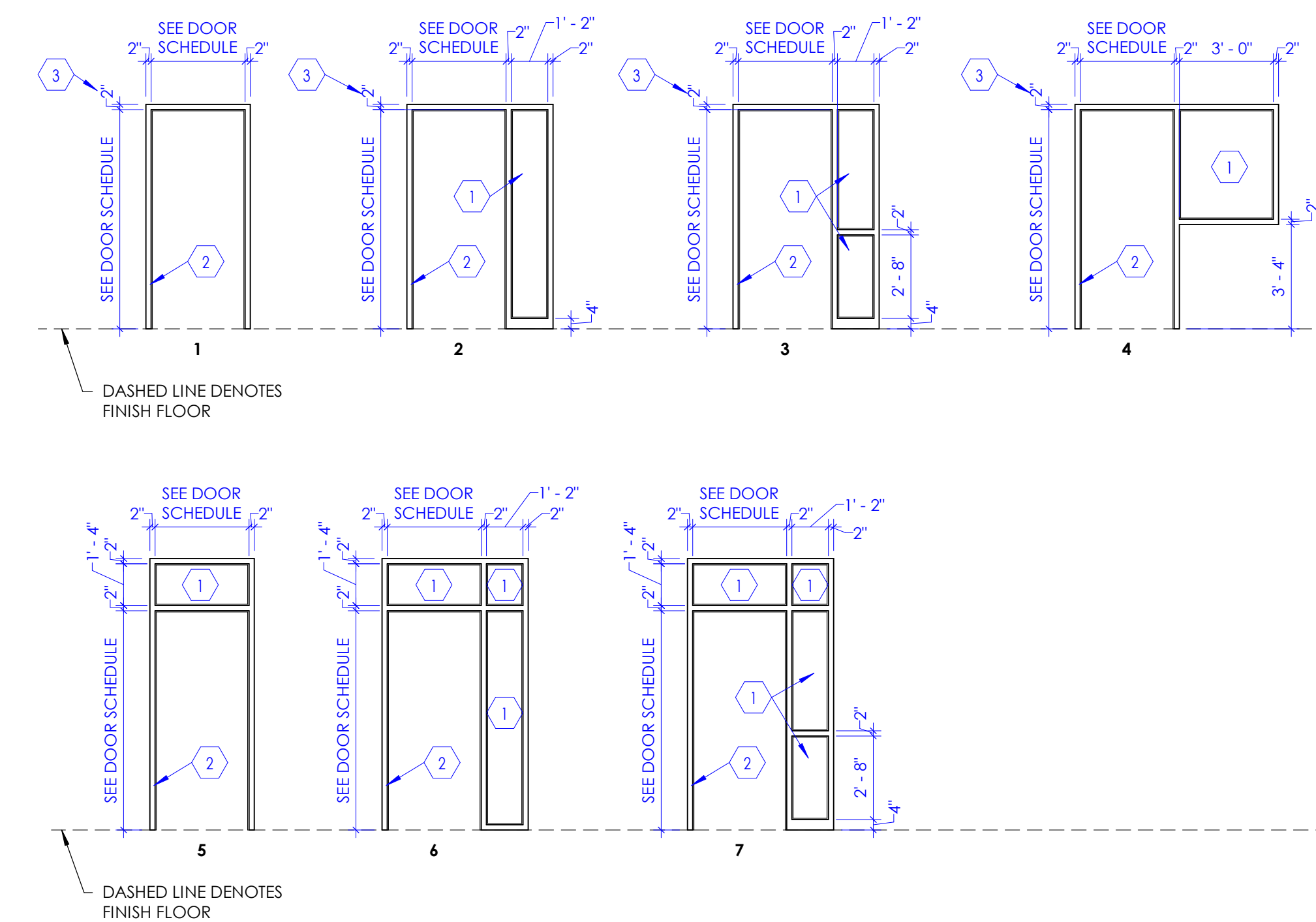
- GLAZING SHALL BE CLEAR, TEMPERED, AND 1/4" THICK.
- DOOR FRAME, SEE DOOR SCHEDULE.
- WHERE DOOR OCCURS AT MASONRY WALL (8" HIGH, C.M.U. BLOCKS), AND WITH A TYPICAL DOOR HEIGHT OF 7' - 0", USE 4" FRAME AS FRAME HEAD INSTEAD OF THE STANDARD 2" FRAME.

KEYED NOTES

- CONTINUOUS SEALANT ON BOTH SIDES OF THE FRAME.
- DOOR FRAME SEEN BEYOND.
- DOOR, SEE DOOR SCHEDULE FOR DOOR TYPE.
- GYPSUM BOARD, 5/8" THICK, TYPE 'X', ATTACH TO METAL STUD FRAMING. SEE WALL TYPES.
- STEEL RUNNER (18 GAUGE) FASTENED WITH SCREWS TO STRUT STUDS AT EACH END. SEE DETAIL 6 / A502A
- HOLLOW METAL DOOR FRAME, FRAME THICKNESS VARIES WITH WALL THICKNESS. SEE FLOOR PLAN AND WALL SECTIONS. PAINT FRAME.
- SEE WALL TYPES FOR WALL WIDTH AND STUD SIZE.
- FRAME DEPTH SHALL BE WALL WIDTH PLUS 1".
- LINE OF WALL, AS OCCURS.
- PROVIDE DOUBLE METAL STUDS AT FRAME JAMBS, WALL ENDS, ETC. PROVIDE STEEL STRAPS (6" HIGH 16 GAUGE STRAPS AT 2'-0" O.C.) SEE DETAIL 7 / A502A
- DOOR HINGE AS OCCURS. SEE DOOR AND HARDWARE SCHEDULE. SEE FLOOR PLAN FOR DOOR SWING.

3 Door Frame in Stud Wall

SCALE: 3" = 1'-0"



2 Frame Types

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

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

FINISH SCHEDULE								
TAG	FINISH TYPE	SIZE	MATERIAL DESCRIPTION	MANUFACTURER	STYLE	MODEL #	COLOR	COMMENTS
F1	FLOOR FINISH	5.96" X 48"	LUXURY VINYL PLANK	PATCRAFT	MARK MAKING	1509V	LOAM 00700	1
F2	FLOOR FINISH	24" X 24"	CARPET TILE	PATCRAFT	STATES OF WATER, GLACIAL ICE	10577	CLOUD 00530	2
F3	FLOOR FINISH		CONCRETE SEALER AND DENSIFIER	EUCLID CHEMICAL	EUCO DIAMOND HARD	-	-	-
B1	WALL BASE	4" HIGH	RUBBER BASE	ROPPE	PINNACEL STANDARD TOE	-	PEWTER 178	-
B2	WALL BASE	6" HIGH	CERAMIC TILE	DALTILE	COLOR WHEEL CLASSIC	S3619T	WHITE 0100	-
W1	WALL FINISH		PAINT	SHERWIN WILLIAMS	SATIN FINISH	SW 7103	WHITETAIL	-
W2	WALL FINISH	3" X 6"	CERAMIC WALL TILE	DALTILE	COLOR WHEEL CLASSIC	-	WHITE 0100	4
W3	WALL FINISH		PAINT - BLUE ACCENT	SHERWIN WILLIAMS	SATIN FINISH	SW 9057	AQUITAINE	-
W4	WALL FINISH		PAINT - GREENCCENT	SHERWIN WILLIAMS	SATIN FINISH	SW 6444	LOUNGE GREEN	-
C1	CEILING FINISH		PAINTED GYPSUM BOARD	SHERWIN WILLIAMS	FLAT FINISH	SW 7103	WHITETAIL	-
MS1	MISC. SURFACE FINISH		DOOR ACCENT - YELLOW	SHERWIN WILLIAMS	SATIN FINISH	SW 6910	DAISY	3
MS2	MISC. SURFACE FINISH		LIQUID APPLIED - PAINT	SHERWIN WILLIAMS	SEMI-GLOSS	SW 7069	IRON ORE	-
MM1	MONOLITHIC MATERIAL		QUARTZ	WILSONART	-	Q4028	SALAR	-
MM2	MONOLITHIC MATERIAL		QUARTZ - THRESHOLD	WILSONART	-	Q1012	LORRAINE	5
PL1	PLASTIC LAMINATE FINISH		PLASTIC LAMINATE SHEET OVER SUBSTRATE	WILSONART	FINE VELVET FINISH	8220-38	FRENCH PEAR	-
WC1	WINDOW COVERINGS		WINDOW FILM	DECORATIVE FILMS	ULTRACOOOL 35% VLT	S3560	SILVER	-
WC2	WINDOW COVERINGS		MANUAL ROLLER SHADE	HUNTER DOUGLAS ARCHITECTURAL	MANUAL SERIES STANDARD DUTY INSIDE MOUNT	0% OPENNESS OR BLACKOUT	FLOCKE BLANC	-
WC3	WINDOW COVERINGS		WINDOW FILM	DECORATIVE FILMS	TOTAL LIGHT BLOCKOUT - SOLYX	SXF-5050	WHITE	-

COMMENTS

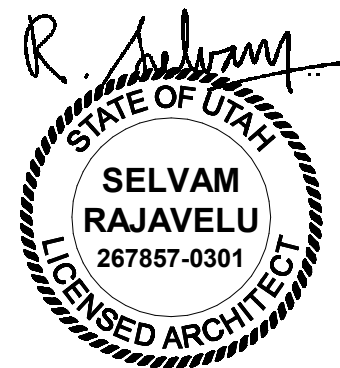
1. SEE FLOOR PATTERN PLAN FOR INSTALLATION PATTERN 2/A116.
2. CARPET TILES TO BE INSTALLED IN A QUARTER TURN PATTERN.
3. SEE INTERIOR ELEVATIONS FOR ACCENT PAINT PATTERNS.
4. CERAMIC WALL TILE TO BE INSTALLED IN AN OFFSET JOINT PATTERN 3/A603A. USE GROUT COLOR MAPEI #103 COBBLESTONE OR SIMILAR.
5. SEE DETAIL 2/A506A FOR THRESHOLDS AT RESTROOMS.

GENERAL NOTES

- A. BASIS-OF-DESIGN FOR FINISHES: FINISHES INDICATED ON THE FINISH SCHEDULE ARE BASED ON THE NAMED MANUFACTURER AND THEIR PRODUCTS. SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE THE NAMED PRODUCT OR A COMPARABLE PRODUCT BY ONE OF THE APPROVED MANUFACTURERS LISTED IN THE PROJECT MANUAL. SEE RELEVANT SPECIFICATION SECTION.
B. SEE 'SAMPLE LAYOUTS' INDICATED ON FINISH PLANS FOR CLARIFICATION ON HOW DIFFERENT TYPES OF REQUIRED FINISHES ARE INDICATED WITH FINISH TAGS FOR FLOORS, WALLS, MISCELLANEOUS SURFACE, ETC. SEE FINISH FLOOR PLANS FOR REQUIRED FINISHES (INDICATED WITH FINISH TAGS SUCH AS F1, B1, W1, ETC.).
C. LINE OF TRANSITION BETWEEN DIFFERENT TYPES OF FLOOR COVERING IS INDICATED ON THE FINISH FLOOR PLANS. IN PLACES WHERE TWO DIFFERENT FLOOR COVERINGS ABUTS EACH OTHER, CONTRACTOR SHALL FOLLOW THE RELEVANT APPLICABLE 'FLOOR COVERING TRANSITION DETAILS' INDICATED IN THIS CONSTRUCTION DOCUMENTS, WHERE TWO ROOMS ARE REQUIRED TO HAVE DIFFERENT FLOOR COVERINGS. LINE OF TRANSITION SHALL TYPICALLY OCCUR BELOW THE CENTER OF THE DOOR (LOCATED BETWEEN THE TWO ROOMS). AS THESE TRANSITION LINES ARE NOT INDICATED BELOW THE DOOR ON THE FINISH FLOOR PLANS, CONTRACTOR SHALL PROVIDE METAL TRANSITION STRIP (MANUFACTURED BY SCHLUTER OR EQUIVALENT) AS REQUIRED. AT EXTERIOR DOORS, PROVIDE ALUMINUM THRESHOLD MATCHING THE DOORWAY. FOR REMODEL PROJECTS, COORDINATE WITH DEMOLITION FLOOR PLAN AND NEW FLOOR PLAN TO DETERMINE WHERE NEW ABUTS EXISTING FLOOR COVERING THAT IS SCHEDULED TO REMAIN.
D. LINE OF TRANSITION BETWEEN DIFFERENT TYPES OF WALL FINISH IS INDICATED ON THE INTERIOR ELEVATIONS AND FINISH FLOOR PLANS. FOR REQUIRED WALL PROTECTION TYPE (INDICATED WITH TAG WP1, WP2, ETC.), ON WALLS, COORDINATE WITH FINISH FLOOR PLANS AND INTERIOR ELEVATIONS.
E. THERE ARE MISCELLANEOUS SURFACES THAT ARE EXPOSED AND WILL REQUIRE A FINISH. SUCH MISCELLANEOUS SURFACES ARE INDICATED IN THE DRAWINGS WITH FINISH TAGS SUCH AS MS1, MS2, ETC.
F. PAINT ALL EXPOSED VISIBLE ITEMS SUCH AS METAL DECK, STEEL ANGLES, STEEL BEAMS, STEEL TRUSSES, MISC. STEEL ITEMS, PIPES, CONDUITS, ETC., UNLESS SPECIFICALLY NOTED AS A SURFACE NOT TO BE PAINTED. OR IF NATURAL FINISH IS REQUIRED. PAINT SURFACES USING FIELD COLORS AND ACCENT COLORS SPECIFIED BY THE ARCHITECT. DO NOT PAINT CONCEALED SURFACES, FINISHED METAL SURFACES, OPERATING PARTS, AND PRE-FINISHED ITEMS. VERIFY PAINTING SURFACE (SUCH AS STEEL, CONCRETE, MASONRY, GYPSUM BOARD, WOOD, ETC.) AND USE THE APPROPRIATE PAINT AND METHOD INDICATED IN THE PROJECT MANUAL UNDER RELEVANT SPECIFICATION SECTION. ALL HOLLOW METAL DOOR AND WINDOW FRAMES SHALL BE PAINTED. USE SEMI-GLOSS FINISH ON DOOR FRAMES.
G. IN ROOMS AND AREAS WHERE GYPSUM BOARD CEILING IS INDICATED, PAINT CEILING WITH THE SAME COLOR AND TYPE AS ADJACENT WALLS. IN WET ROOMS (LIKE RESTROOM, KITCHEN, ETC.) WHERE EPOXY PAINT IS INDICATED AS A REQUIREMENT ON WALLS, PAINT CEILINGS AND SOFFITS WITH EPOXY TYPE PAINT. ALL GYPSUM BOARD SOFFITS SHALL BE PAINTED. COORDINATE ACCENT COLOR LOCATIONS WITH ARCHITECT WHEREVER INDICATED.
H. SEE INTERIOR ELEVATIONS FOR PLASTIC LAMINATE FINISHES OVER CABINETS, COUNTERTOPS, WALLS, ETC. PLASTIC LAMINATE FINISHES ARE INDICATED AS PL1, PL2, ETC. COUNTERTOPS THAT ARE MONOLITHIC MATERIAL (SUCH AS SOLID SURFACE, QUARTZ, ETC. AND NOT PLASTIC LAMINATE WRAPPED), ARE INDICATED AS MM1, MM2, ETC.
I. WHERE PORCELAIN AND/OR CERAMIC TILE FINISHES ARE INDICATED, PROVIDE METAL EDGE STRIPS (MANUFACTURED BY SCHLUTER OR EQUIVALENT) AT ALL OUTSIDE VERTICAL CORNERS AND TOP OF WAINSCOT.
J. IN ROOMS AND AREAS (SUCH AS TOILET ROOMS, SHOWERS, ETC.) WHERE CERAMIC OR PORCELAIN TILES ARE INDICATED FOR WALL AND FLOOR FINISH, INSTALL BOTTOM ROW OF WALL TILE FIRST PER DETAIL 1/A603B. PROVIDE QUARTZ THRESHOLD AT DOORS TO TOILET ROOMS THAT ARE USED BY MULTIPLE USERS. SEE DETAILS 3 & 4 SHEET A603B.
K. WHERE GYPSUM BOARD WALL ABUTS MASONRY WALL, PROVIDE REVEAL AS PER DETAIL 2/A603B.



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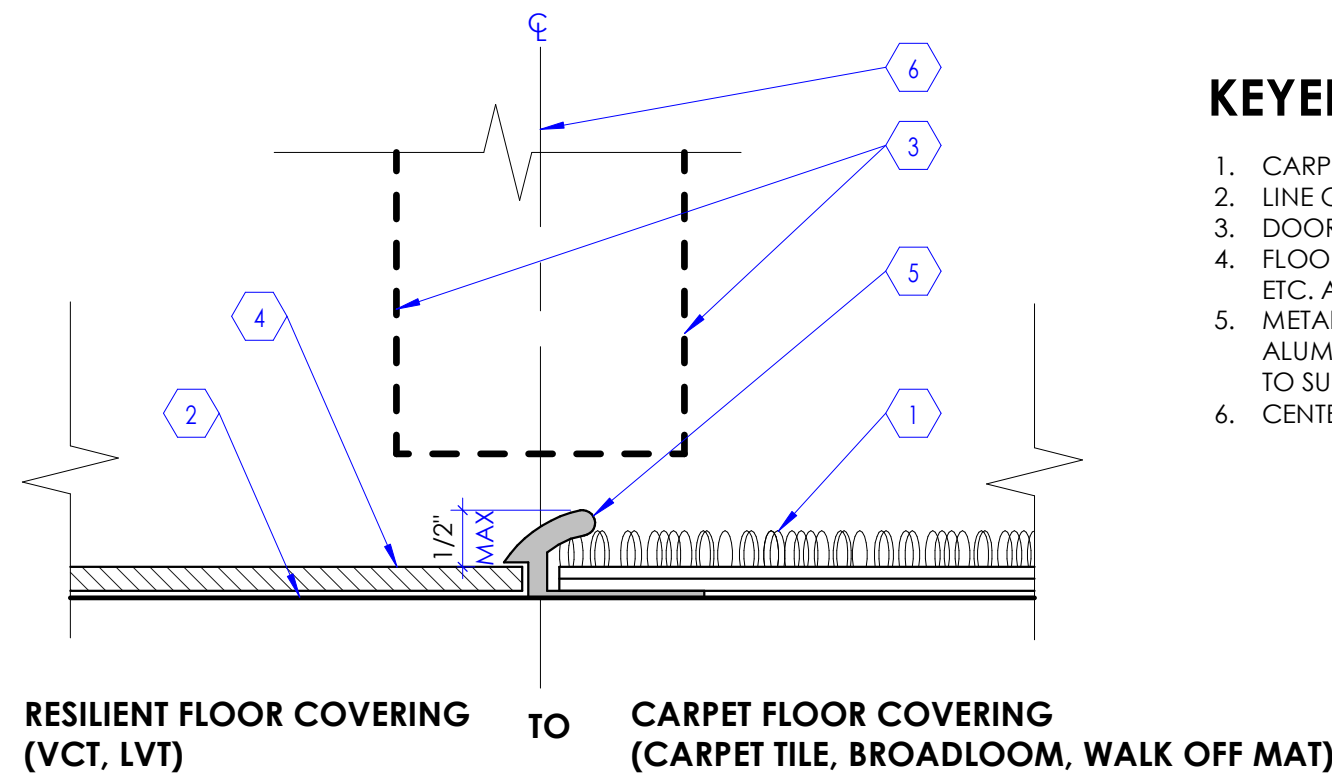
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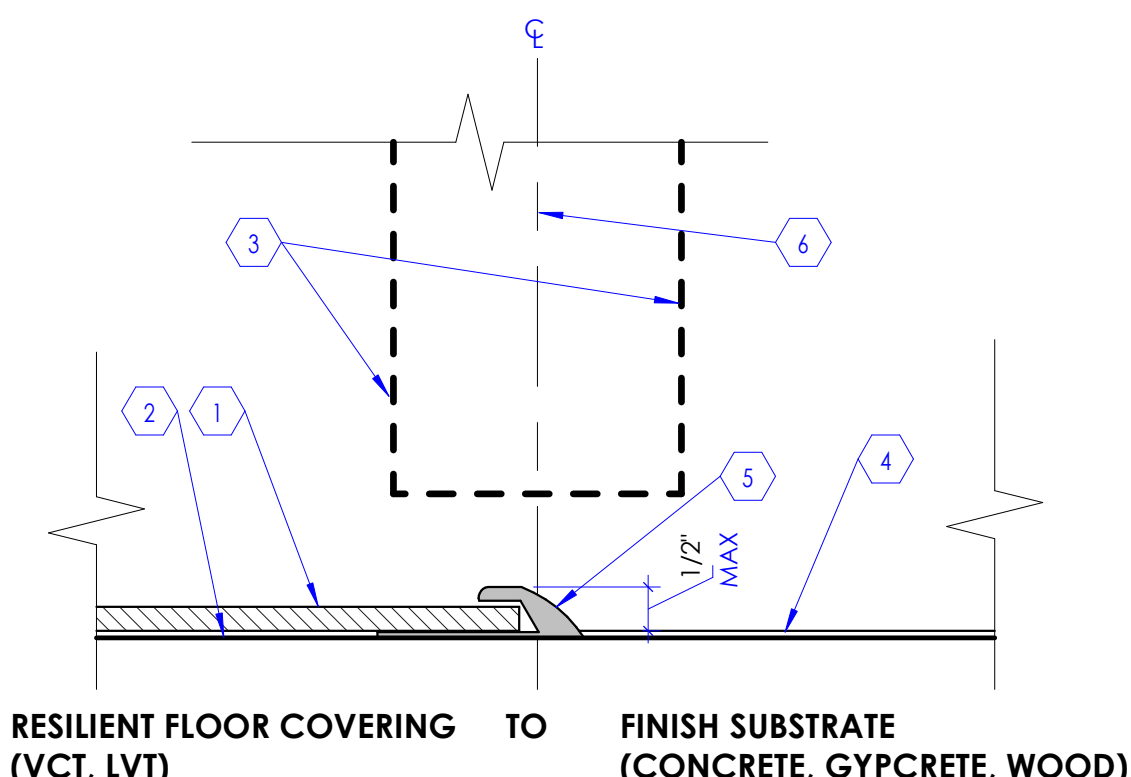
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KEYED NOTES

1. CARPET FLOOR COVERING AS OCCURS. SEE FINISH SCHEDULE.
2. LINE OF FLOOR.
3. DOOR AS OCCURS.
4. FLOOR COVERING (VINYL COMPOSITION TILE, LUXURY VINYL TILE, ETC. AS OCCURS). SEE FINISH SCHEDULE.
5. METAL TRANSITION STRIP, MODEL NUMBER LVT 130 IN ETCHED ALUMINUM BY FUTURA OR EQUIVALENT. ATTACH TRANSITION STRIP TO SUBSTRATE PER MANUFACTURERS RECOMMENDATIONS.
6. CENTERLINE OF DOOR AND TRANSITION STRIP SHALL ALIGN.

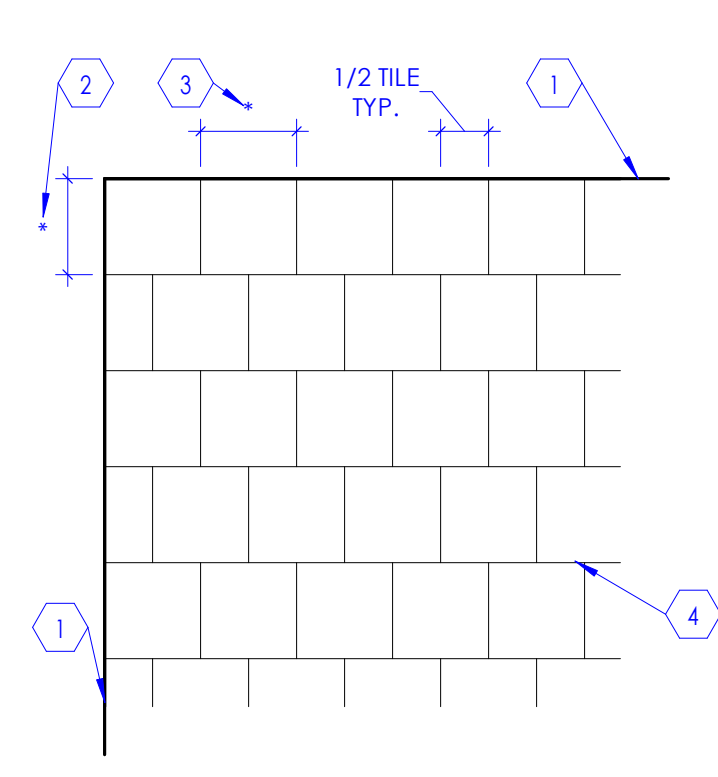
1 Floor Covering Transition Detail
SCALE: 1/2" = 1'-0"



KEYED NOTES

1. FLOOR COVERING (VINYL COMPOSITION TILE, LUXURY VINYL TILE, ETC. AS OCCURS). SEE FINISH SCHEDULE.
2. LINE OF FLOOR.
3. DOOR AS OCCURS.
4. LIQUID APPLIED FINISH (OPAQUE SEALER, CLEAR SEALER, ETC.). SEE FINISH SCHEDULE.
5. METAL TRANSITION STRIP, MODEL NUMBER LVT 405 IN ETCHED ALUMINUM BY FUTURA OR EQUIVALENT. ATTACH TRANSITION STRIP TO SUBSTRATE PER MANUFACTURERS RECOMMENDATIONS.
6. CENTERLINE OF DOOR AND TRANSITION STRIP SHALL ALIGN.

2 Floor Covering Transition Detail
SCALE: 1/2" = 1'-0"



KEYED NOTES

1. LINE OF WALL.
2. DIMENSION TO BE 3' FOR CERAMIC TILE OR 5.96' FOR LVP. SEE FINISH SCHEDULE.
3. DIMENSION TO BE 6' FOR CERAMIC TILE OR 48' FOR LVP. SEE FINISH SCHEDULE.
4. OFFSET JOINT PATTERN.

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

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

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SYMBOL LEGEND - PIPING	
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.	
SYMBOL	DESCRIPTION
	SHUT OFF VALVE
	GATE VALVE
	CHECK VALVE
	AUTOMATIC 2-WAY VALVE
	AUTOMATIC 3-WAY VALVE
	GLOBE VALVE
	BALL VALVE
	RELIEF VALVE
	PRESSURE REDUCING VALVE
	BUTTERFLY VALVE
	SOLENOID VALVE
	ANGLE VALVE
	VENTURI VALVE
	BALANCING OR PLUG COCK
	FLOW SETTER
	EXPANSION VALVE
	GAS COCK
	MANUAL AIR VENT
	STRAINER
	GAUGE COCK
	FLEXIBLE CONNECTION
	PRESSURE GAUGE
	THERMOMETER
	PIPE REDUCER
	REFRIGERANT SITE GLASS
	REFRIGERANT STRAINER
	REFRIGERANT FILTER DRIER
	90 DEGREE ELBOW UP
	90 DEGREE ELBOW DOWN
	90 DEGREE TEE UP
	90 DEGREE TEE DOWN
	PIPE UNION
	PIPE CAP
	PIPE ANCHOR
	FLOAT AND THERMOSTATIC TRAP

SYMBOL LEGEND - MECH	
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.	
SYMBOL	DESCRIPTION
	SQUARE OR RECTANGULAR SUPPLY DIFFUSER
	SQUARE OR RECTANGULAR RETURN DIFFUSER
	SQUARE OR RECTANGULAR EXHAUST DIFFUSER
	ROUND DIFFUSER
	LINEAR SLOT GRILLE OR DIFFUSER
	FLEXIBLE DUCT
	SIDEWALL GRILLE OR REGISTER
	DUCT HIGH EFFICIENCY TAKE OFF WITH BALANCING DAMPER
	BALANCING DAMPER
	FIRE DAMPER
	FIRE / SMOKE COMBINATION DAMPER
	THERMOSTAT - SENSOR - HUMIDISTAT

SYMBOL LEGEND - DUCTWORK	
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.	
SYMBOL	DESCRIPTION
	RECTANGULAR SUPPLY DUCT UP
	RECTANGULAR SUPPLY DUCT DOWN
	RECTANGULAR RETURN DUCT UP
	RECTANGULAR RETURN DUCT DOWN
	RECTANGULAR EXHAUST DUCT UP
	RECTANGULAR EXHAUST DUCT DOWN
	ROUND SUPPLY DUCT UP
	ROUND SUPPLY DUCT DOWN
	ROUND RETURN DUCT UP
	ROUND RETURN DUCT DOWN
	ROUND EXHAUST DUCT UP
	ROUND EXHAUST DUCT DOWN
	OVAL SUPPLY DUCT UP
	OVAL SUPPLY DUCT DOWN
	OVAL RETURN DUCT UP
	OVAL RETURN DUCT DOWN
	OVAL EXHAUST DUCT UP
	OVAL EXHAUST DUCT DOWN
	SPIRAL OVAL DUCT
	SPIRAL ROUND DUCT
	DUCT INSULATION
	DUCT LINING
	90° RECTANGULAR ELBOW WITH TURNING VANES
	90° ROUND RADIUS ELBOW
	GORED OVAL RADIUS ELBOW
	DUCT SIZE OR SHAPE TRANSITION
	DUCT TO BE DEMOLISHED

PIPING LEGEND	
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.	
ABBREVIATION	DESCRIPTION
—CHWR—	CHILLED WATER RETURN
—CHWS—	CHILLED WATER SUPPLY
—CA—	COMPRESSED AIR
—CD—	CONDENSATE DRAIN
—CO2—	CARBON DIOXIDE
—CWR—	CONDENSER WATER RETURN
—CWS—	CONDENSER WATER SUPPLY
—FP—	FIRE PROTECTION
—FOR—	FUEL OIL RETURN
—FOS—	FUEL OIL SUPPLY
—FOV—	FUEL OIL VENT
—GR—	GLYCOL RETURN
—GS—	GLYCOL SUPPLY
—HPC—	HIGH PRESSURE CONDENSATE
—MPC—	MEDIUM PRESSURE CONDENSATE
—LPC—	LOW PRESSURE CONDENSATE
—HPS—	HIGH PRESSURE STEAM
—MPS—	MEDIUM PRESSURE STEAM
—LPS—	LOW PRESSURE STEAM
—HHWR—	HEATING HOT WATER RETURN
—HHWS—	HEATING HOT WATER SUPPLY
—LPG—	LIQUID PROPANE GAS
—LPS—	LOW PRESSURE STEAM
—MA—	MEDICAL AIR
—NG—	NATURAL GAS
—NO—	NITROUS OXIDE
—O—	OXYGEN
—PC—	PUMPED CONDENSATE
—RG—	REFRIGERANT GAS
—RL—	REFRIGERANT LIQUID
—SMR—	SNOW MELT RETURN
—SMS—	SNOW MELT SUPPLY
—VAC—	VACUUM

SYMBOL LEGEND - MISC	
REFERENCE LINES AND SYMBOLS	
SYMBOL	DESCRIPTION
	VIEW OR DETAIL INDICATOR: # INDICATES DETAIL NUMBER, SHEET INDICATES DRAWING SHEET WHERE VIEW OR DETAIL IS SHOWN.
	ELEVATION OR SECTION INDICATOR: # INDICATES VIEW NUMBER, SHEET INDICATES DRAWING SHEET WHERE VIEW IS SHOWN.
	ROOM / SPACE INDICATOR
	KEYNOTE INDICATOR
	REVISION INDICATOR
	PLUMBING FIXTURE INDICATOR
	EQUIPMENT INDICATOR
	REGISTER, GRILLE, OR DIFFUSER INDICATOR
	BREAKLINE
	MATCHLINE INDICATOR
	CONTRACT LIMIT LINE: DASHDOT, WIDE LINE
	NEW CONNECTION TO EXISTING
	POINT OF DEMOLITION

ABBREVIATIONS	
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.	
(E)	EXISTING
(F)	FUTURE
AC	AIR CONDITION(ING-ED)
APD	AIR PRESSURE DROP
BD	BALANCING DAMPER
BHP	BRAKE HORSE POWER
BTU	BRITISH THERMAL UNIT
BTUH	BTU/HOUR
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CV	CONTROL VALVE
DB	DRY BULB TEMPERATURE
DOW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RECIRC
DP	DEPTH, DEEP, OR DROP IN PRESSURE
EA	EXHAUST AIR
EER	ENERGY EFFICIENCY RATIO
EFF	EFFICIENCY
ELEC	ELECTRIC
ELEV	ELEVATION
ENT	ENTERING
EVAP	EVAPORAT(E, -ING, -ED, -OR)
EWT	ENTERING WATER TEMPERATURE
EXT	EXTERNAL
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
FPI	FINS PER INCH
FS	FEET PER MINUTE
FPS	FEET PER SECOND
FSD	FIRE SMOKE DAMPER
GE	GREASE EXHAUST
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HD	HEAD
HG	MERCURY
HP	HORSEPOWER
HR	HOUR
HTG	HEATING
HZ	HERTZ (FREQUENCY)
IN	INCH
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LB	POUNDS
LH	LATENT HEAT
LRA	LOCKED ROTOR AMPS
LVG	LEAVING
LWT	LEAVING WATER TEMPERATURE
MBH	THOUSAND BTU PER HOUR
MCA	MINIMUM CIRCUIT AMPS
MFR	MANUFACTURER, -ED
NC	NORMALLY CLOSED OR NOISE CRITERIA
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NPSH	NET POSITIVE SUCTION HEAD
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OD	OUTSIDE DIAMETER
OZ	OUNCE
PD	PRESSURE DROP OR DIFFERENCE
PG	PROPYLENE GLYCOL
PH	PHASE
PPM	PARTS PER MILLION
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIA	PSI ABSOLUTE
PSIG	PSI GAUGE
RA	RETURN AIR
RECIRC	RECIRCULATE (-ER, -ED, -ING)
REFR	REFRIGERATION
REQD	REQUIRED
RLA	RATED LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SCFM	STANDARD CUBIC FEET PER MINUTE
SCW	SOFT COLD WATER
SH	SENSIBLE HEAT
SP	STATIC PRESSURE
SPEC(S)	SPECIFICATIONS(S)
SQ	SQUARE
STD	STANDARD
SW	SOIL, WASTE
TA(R)	TRANSFER AIR (RETURN)
TA(S)	TRANSFER AIR (SUPPLY)
TD	TEMP. DROP OR DIFF.
TEMP	TEMPERATURE
TOT	TOTAL
TSTAT	THERMOSTAT
V	VOLT, VOLTAGE OR VENT
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
VEL	VELOCITY
VENT	VENT, VENTILATION
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VOL	VOLUME
VTR	VENT THROUGH ROOF
WB	WET BULB TEMP
WC	WATER COLUMN
WG	WATER GAUGE
WPD	WATER PRESSURE DROP
WTR	WATER

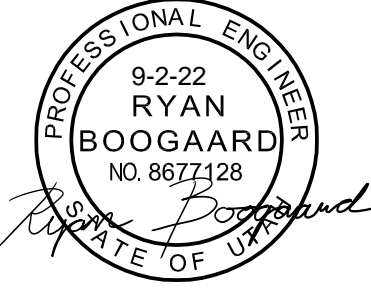
MECHANICAL GENERAL NOTES	
1. THE MECHANICAL DRAWINGS SHOW THE GENERAL DESIGN, ARRANGEMENT, & EXTENT OF THE MECHANICAL SYSTEM. BECAUSE OF THE SMALL SCALE OF THE DRAWINGS, THESE DRAWINGS DO NOT SHOW ALL OFFSETS, BENDS, OR ELBOWS NECESSARY FOR THE COMPLETE INSTALLATION IN THE SPACE PROVIDED. CONTRACTOR SHALL MAKE ALTERATIONS AS MAY BE NECESSARY TO MAKE THE SYSTEM COMPLETE & OPERATIONAL IN ACCORDANCE WITH THE DESIGN INTENT.	
2. MAJOR DEVIATIONS SUCH AS CHANGES IN SIZES, WEIGHTS, QUANTITIES, OR MATERIAL REQUIRE PRIOR APPROVAL BY THE DESIGN ENGINEER.	
3. THE DRAWINGS & SPECIFICATIONS HAVE BEEN PREPARED TO SUPPLEMENT EACH OTHER & SHALL BE INTERPRETED AS AN INTEGRAL UNIT WITH THE ITEMS SHOWN ON ONE & NOT THE OTHER BEING FURNISHED & INSTALLED AS THOUGH SHOWN AND CALLED OUT IN BOTH DOCUMENTS	
4. THE ENTIRE MECHANICAL INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE MOST RECENTLY ADOPTED BUILDING CODES, MECHANICAL CODE, PLUMBING CODE, ELECTRICAL CODE, & ALL OTHER APPLICABLE CITY, COUNTY, STATE, & FEDERAL CODES & REGULATIONS IN EFFECT.	
5. THE ENTIRE MECHANICAL INSTALLATION SHALL CONFORM TO ALL CODES, RULES, REGULATIONS, & REQUIREMENTS OF THE BUILDING OWNER.	
6. ALL MECHANICAL COMPONENTS AND EQUIPMENT SHALL BE INSTALLED TO CONFORM WITH ANY APPLICABLE LOCAL SEISMIC REQUIREMENTS.	
7. PRIOR TO FABRICATION & INSTALLATION OF ANY MECHANICAL COMPONENT THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL MECHANICAL WORK WITH ALL OTHER BUILDING TRADES, INCLUDING BUILDING TRADES HIRED DIRECTLY BY THE OWNER, WHERE CONFLICTS MAY OCCUR, THEY SHALL BE RESOLVED PRIOR TO INSTALLATION.	
8. VERIFY ALL REQUIRED SERVICE CONNECTIONS, INCLUDING ELECTRICAL CHARACTERISTICS, FOR ALL EQUIPMENT PRIOR TO ORDERING OR FABRICATING MECHANICAL EQUIPMENT AND COMPONENTS.	
9. THE SPACE ABOVE CEILINGS IS LIMITED. CAREFUL COORDINATION IS REQUIRED WITH ALL TRADES BEFORE ANY PIPE, DUCT, OR EQUIPMENT IS ORDERED &/OR INSTALLED. ANY CONFLICTS &/OR CHANGES FOUND DURING INSTALLATION THAT RESULTS FROM THE LACK OF COORDINATION BY THE CONTRACTORS DURING THE SHOP DRAWING PROCESS ARE THE RESPONSIBILITY OF THE CONTRACTOR.	
10. ALL MECHANICAL INFORMATION IS NOT SHOWN ON THE MECHANICAL DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL INFORMATION ON ALL OTHER CONSTRUCTION DOCUMENTS.	
11. THE CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW & USE, WHERE APPROPRIATE, ALL THE MECHANICAL DETAILS SHOWN IN THE DRAWINGS. DETAILS MAY OR MAY NOT BE CALLED OUT ON THE DRAWINGS WITH SYMBOLS OR KEYED NOTES. ANY CHANGES RESULTING FROM FAILURE TO INSTALL THE MECHANICAL SYSTEM WITHOUT USING THE INCLUDED DETAILS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.	
12. ALL EQUIPMENT SHALL BE INDEPENDENTLY SUPPORTED FROM STRUCTURAL MEMBERS. STRUCTURAL ELEMENTS SHOWN IN DETAILS MAY OR MAY NOT PERTAIN TO ANY PORTION OF THE BUILDING. COORDINATE ALL MOUNTING REQUIREMENTS WITH ARCHITECTURAL & STRUCTURAL DRAWINGS AND SPECIFICATIONS.	
13. ALL MECHANICAL COMPONENTS AND EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH ALL MANUFACTURER RECOMMENDATIONS.	
14. ALL SIMILAR EQUIPMENT SHALL BE OF THE SAME MANUFACTURER. AIR INLETS & OUTLETS OF SIMILAR TYPES SHALL BE OF THE SAME MANUFACTURER.	
15. ANY PART OF THE MECHANICAL INSTALLATION THAT FAILS, IS DEEMED UNFIT, OR BECOMES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EQUIPMENT CHECK-IN, SAFEKEEPING, & DAMAGE.	
16. COORDINATE WITH ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING DIFFUSERS & GRILLES.	
17. CONTRACTOR SHALL OPERATE INSTALLED &/OR MODIFIED SYSTEMS & DEMONSTRATE ALL ASPECTS OF THE SYSTEM TO THE ENGINEER &/OR OWNER TO PROVE ALL ASSOCIATED SYSTEMS ARE OPERATIONAL.	
18. DURING CONSTRUCTION THE CONTRACTOR SHALL MAINTAIN A SET OF AS-BUILT/REDLINED RECORD DRAWINGS AT THE PROJECT SITE. ALL CHANGES OR DEVIATIONS IN LAYOUT, ROUTING, EQUIPMENT, COMPONENTS, & ACCESSORIES SHALL BE RECORDED. THESE REDLINED DRAWINGS SHALL BE GIVEN TO THE ARCHITECT / ENGINEER AFTER THE FINAL INSPECTION IN ACCORDANCE WITH PROJECT SPECIFICATIONS.	

DEFINITIONS	
NOTE: ALL DEFINITIONS MAY NOT BE USED.	
INDICATED: THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS. OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS, WHERE TERMS SUCH AS "SHOWN," "NOTED," "SCHEDULED," AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE. NO LIMITATION ON LOCATION IS INTENDED.	
DIRECTED: TERMS SUCH AS "DIRECTED," "REQUESTED," "AUTHORIZED," "SELECTED," "APPROVED," "REQUIRED," AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER," "REQUESTED BY THE ENGINEER," AND SIMILAR PHRASES.	
APPROVED: THE TERM "APPROVED," WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.	
FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."	
INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."	
PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."	
INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.	

MECHANICAL SHEET INDEX	
M001	MECHANICAL COVER SHEET
M101	MECHANICAL PLANS
M501	MECHANICAL DETAILS
M601	MECHANICAL SCHEDULES



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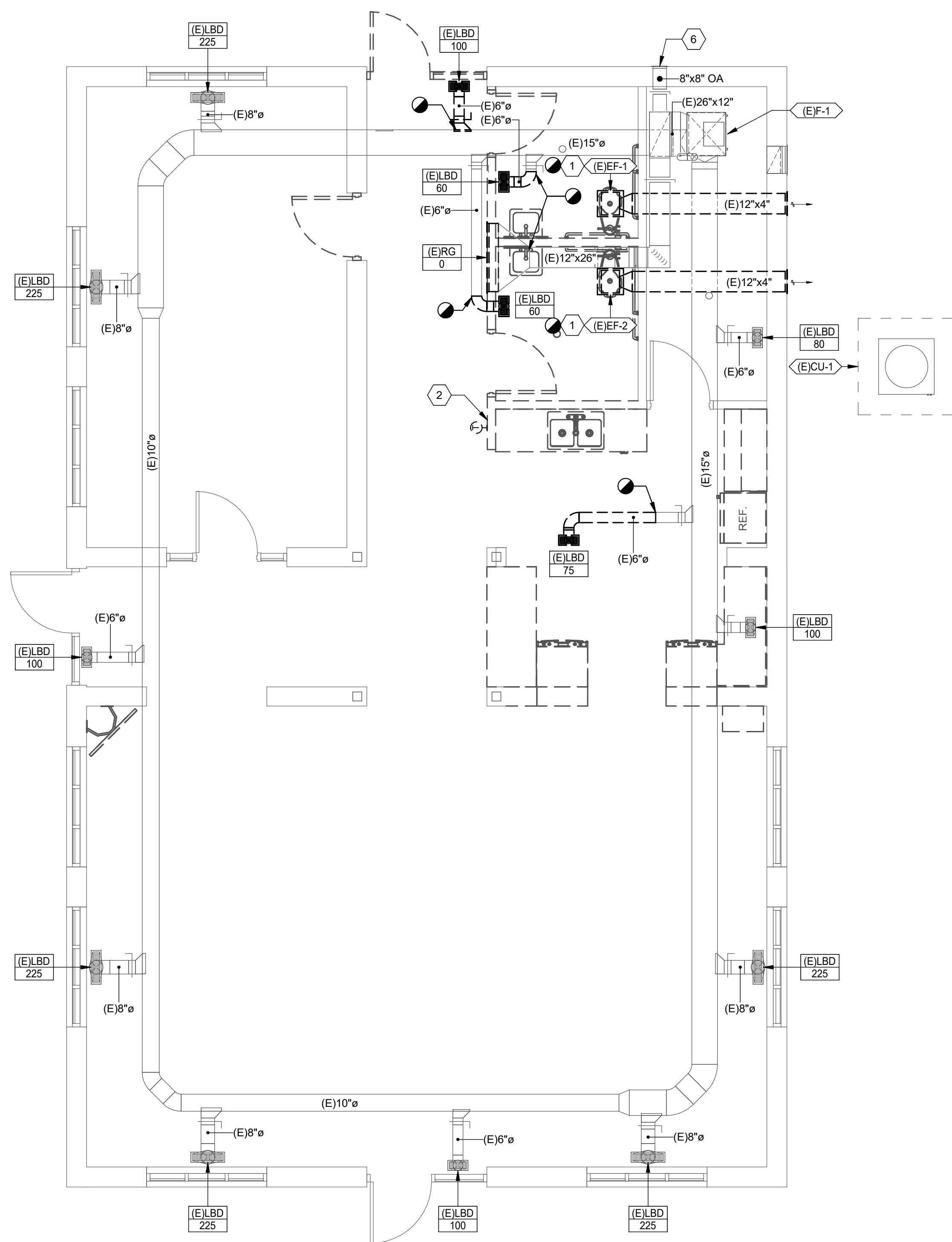
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CONSTRUCTION
DOCUMENTS

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SEPT 2, 2022

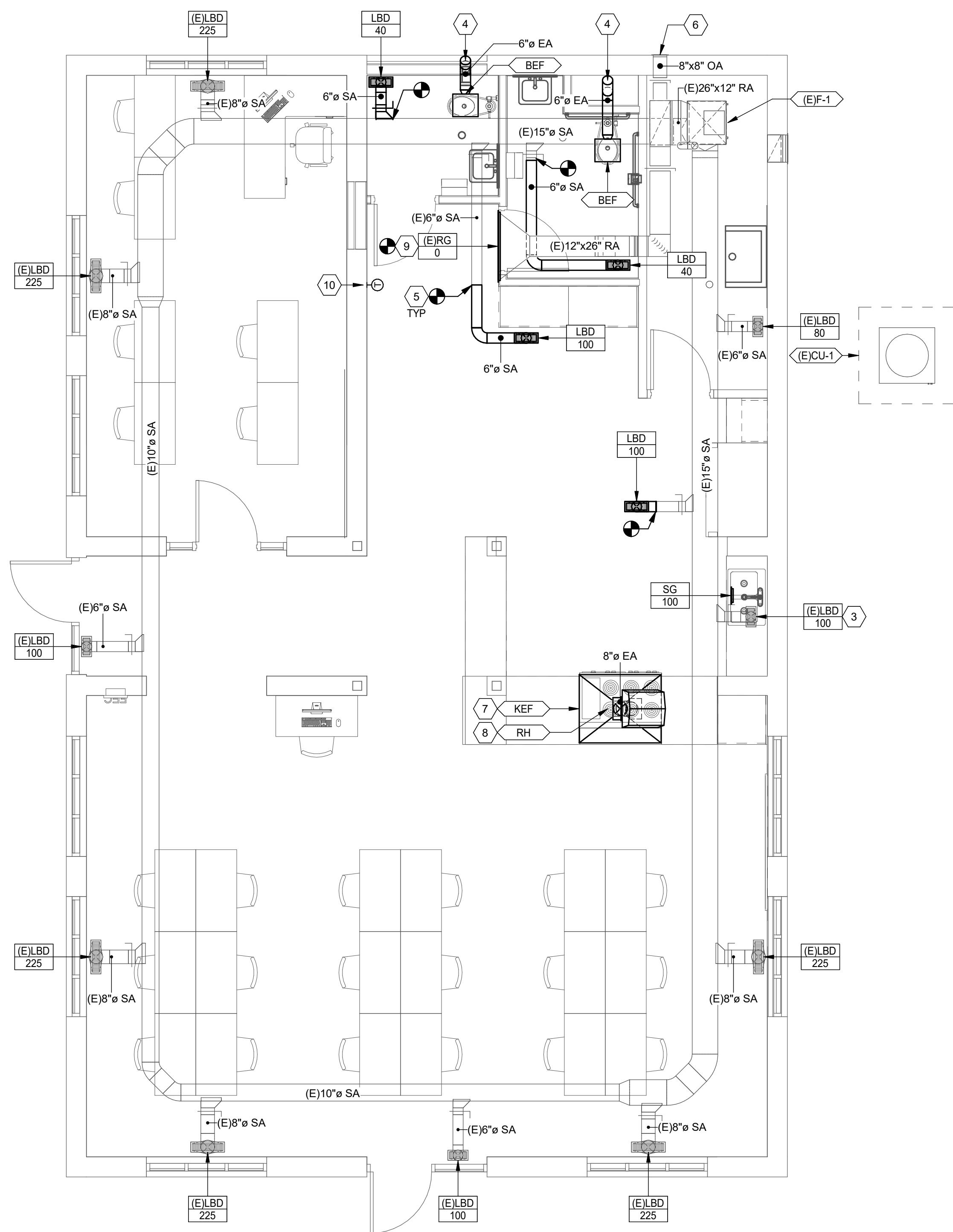
MECHANICAL
COVER SHEET

M001

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



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

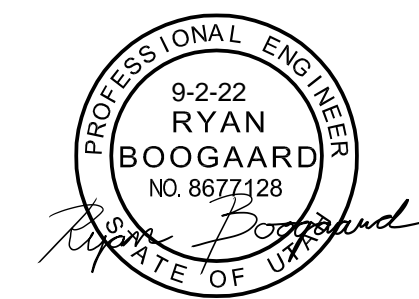


SHEET KEYNOTES

- 1 REMOVE EXISTING EXHAUST FAN SERVING RESTROOM. REMOVE ASSOCIATED CONTROL SWITCH LOCATED ON THE WALL.
- 2 SALVAGE EXISTING THERMOSTAT AND RELOCATE. SEE RENOVATION PLANS FOR PLACEMENT.
- 3 BALANCE AIRFLOW TO EXISTING FLOOR DIFFUSER TO 100 CFM.
- 4 EXHAUST DUCT THROUGH ROOF. PROVIDE MANUFACTURERS VENTILATION CAP. PROVIDE GRAVITY BACKDRAFT DAMPER AT ROOF PENETRATION. INSTALLATION IS TO MATCH THE SLOPE OF THE ROOF.
- 5 ALL SUPPLY DUCT IS INSTALLED BELOW SLAB. INSTALLATION MAY REQUIRE AFTER HOURS AND WEEKEND WORK. COORDINATE ALL SHUTDOWNS 72 HOURS IN ADVANCE WITH OWNER.
- 6 EXTERIOR LOUVER PROVIDES OUTSIDE AIR TO FURNACE.
- 7 INSTALL HOOK FOLLOWING THE MANUFACTURERS ISLAND HOOD INSTALLATION.
- 8 RELIEF HOOD SHOWN FOR DIAGRAMMATIC PURPOSES. INSTALL GRAVITY RELIEF HOOD ON ROOF AND MATCH THE SLOPE OF THE ROOF.
- 9 RELOCATE EXISTING RETURN GRILLE. LOCATE HIGH ON WALL.
- 10 RELOCATE THERMOSTAT NEAR RETURN PATH.



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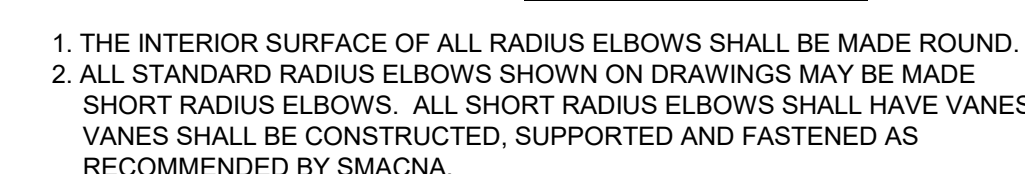
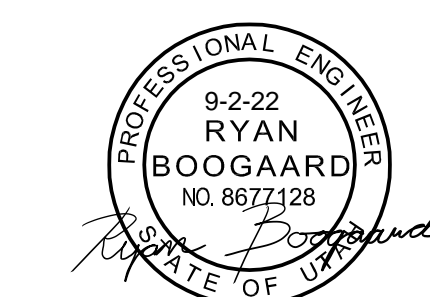
Owner
**Utah School for the Deaf and Blind
Activity Center**

742 Harrison Blvd.
Ogden, UT

NJRA Project # 27707.00
CONSTRUCTION DOCUMENTS
SEPT 2, 2022

MECHANICAL
PLANS

M101



Owner
Utah School for the Deaf and Blind
Activity Center

742 Harrison Blvd,
Oaden, UT

NJRA Project # 27707.00
CONSTRUCTION SEPT 2, 2022
DOCUMENTS

MECHANICAL DETAILS

M501

EXHAUST FAN SCHEDULE																
APPROVED EQUALS:				REMARKS:												
PENN BARRY LOREN COOK TWIN CITY GREENHECK BROAN				(1) ALL ALUMINUM CONSTRUCTION (2) BACKDRAFT DAMPER (3) INTEGRAL THERMAL OVERLOAD PROTECTION (4) SPRING CEILING MOUNTED VIBRATION ISOLATOR (5) DISCONNECT SWITCH								(6) CAPACITY AT JOB SITE ELEVATION (7) CEILING RADIATION DAMPER (8) CONTROLLED BY INTEGRAL HOOD SWITCH (9) CONTROLLED BY OCCUPANCY SENSOR (10) STAINLESS STEEL CONSTRUCTION				
LABEL	AREA SERVED	CFM	STATIC PRESSURE	FAN RPM	SOUND RATING	WEIGHT	HP	VOLTAGE	PHASE	Hz	EMERGENCY POWER	STARTER			MODEL	REMARKS
												FURN BY ELEC	FURN BY MECH	MANUFACTURER		
BEF	RESTROOM	50	0.20	985	0.3	10	5.1 W	120	1	60	N	Y	N	BROAN	ZB80	1-7.9
KEF	KITCHEN HOOD	400	0.08	0		50	385 W	110	1	60	N	Y	N	ZLINE	4824 VHB-G	1,8.10

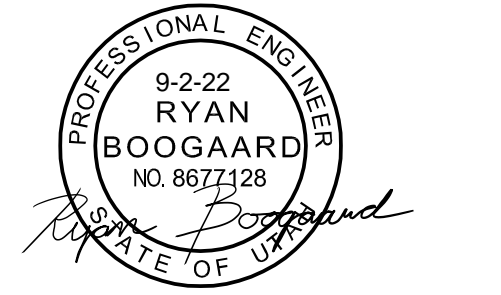
REGISTER - GRILLE- DIFFUSER SCHEDULE											
APPROVED EQUALS:				REMARKS:							
KRUEGER TUTTLE & BAILEY TITUS PRICE				(1) REGISTERS AND GRILLES SHALL BE TESTED IN ACCORDANCE WITH ANSI/ASHRAE STD 70. (2) NC VALUES ARE BASED ON OCTAVE BAND SOUND POWER LEVELS MINUS A ROOM ABSORPTION OF 10 dB, RE 10(-12) WATTS. (3) COORDINATE EXACT COLOR SELECTION WITH OWNER AND ARCHITECT. (4) FLOOR MOUNT DIFFUSERS ARE TO BE INSTALLED FLUSH WITH FLOORING.							
LABEL	TYPE	BLOW PATTERN	MAX AIR FLOW (CFM)	FACE SIZE	NECK SIZE	MAX NC	PRESSURE DROP (in-wg)	THROW	MANUFACTURER	MODEL	REMARKS
LBD	LINEAR BAR DIFFUSER (PENCIL PROOF)	30 DEG DEFLECTION	124	4X12	4X8	25	0.076	14-21-32	TITUS		ALL
SG	LINEAR BAR DIFFUSER (PENCIL PROOF)	0 DEG DEFLECTION	108	4X12	4X8	13	0.058	9-13-26	TITUS	CT-PP-0	1,2,3

ROOF HOOD SCHEDULE										
APPROVED EQUALS:				REMARKS:						
LOREN COOK GREENHECK PENN BARRY				(1) 16 GAUGE SPUN ALUMINUM (2) 12" HIGH PREFAB ROOF CURB (MATCH SLOPE OF ROOF) (3) 1/2" MESH BIRD SCREEN (4) GRAVITY BACKDRAFT DAMPER						
LABEL	DESCRIPTION	THROAT WIDTH	THROAT DEPTH	AIR FLOW (CFM)	THROAT VELOCITY (FPM)	MAX STATIC PRESSURE	WEIGHT	MANUFACTURER	MODEL	REMARKS
RH	RELIEF	12"	8"	400	660 FPM	0.08	37	GREENHECK	FGR	ALL

DUCT INSULATION REQUIREMENTS						
DUCT SYSTEM	DUCT LOCATION	INSULATION MATERIALS	MINIMUM THERMAL RESISTANCE (R ^T)		FIELD APPLIED JACKET	
			CLIMATE ZONES 1-4	CLIMATE ZONES 5-8		
SUPPLY AIR	BUILDING INTERIOR, CONCEALED	MINERAL-FIBER BLANKET	6.0	6.0	NONE	
	BUILDING INTERIOR, EXPOSED, OUTSIDE CONDITIONED...	MINERAL-FIBER BLANKET	6.0	6.0	NONE	
	BUILDING EXTERIOR (OUTSIDE BUILDING INSULATION)	MINERAL-FIBER BLANKET	8.0	12.0	ALUMINUM	
RETURN AIR	BUILDING INTERIOR, CONCEALED	MINERAL-FIBER BLANKET	6.0	6.0	NONE	
	BUILDING INTERIOR, EXPOSED, OUTSIDE CONDITIONED...	MINERAL-FIBER BLANKET	6.0	6.0	NONE	
	BUILDING EXTERIOR (OUTSIDE BUILDING INSULATION)	MINERAL-FIBER BLANKET	8.0	12.0	ALUMINUM	
EXHAUST AIR	ALL	NONE	—	—	—	
	BUILDING INTERIOR, CONCEALED OR EXPOSED	MINERAL-FIBER BLANKET	6.0	6.0	NONE	
OUTSIDE AIR	BUILDING EXTERIOR (OUTSIDE BUILDING INSULATION)	MINERAL-FIBER BLANKET	8.0	12.0	NONE	
	FLEXIBLE DUCT	MINERAL-FIBER BLANKET	6.0	6.0	NONE	
	BUILDING INTERIOR	POLYETHYLENE INNER AND OUTER JACKET	6.0	6.0	NONE	
NOTES						
1. DUCT INSULATION THERMAL RESISTANCE VALUES DETERMINED FROM 2018 IECC SECTION C403.11.1.						
2. CLIMATE ZONES DETERMINED BY ASHRAE. THIS PROJECT IS IN CLIMATE ZONE XXXX.						
3. ALL DUCT INSULATION SHALL HAVE ALL SERVICE JACKET MANUFACTURER FROM KRAFT PAPER, REINFORCED SCRIM, ALUMINUM FOIL, OR VINYL FILM.						
4. DUCT INSULATION SHALL BE MECHANICALLY FASTENED TO DUCTS WIDER THAN 24" AND SHALL BE AFFIXED TO BOTTOM OF DUCT WITH WELDED METAL PINS AND 2" WASHERS AT 18" MAXIMUM SPACING.						
5. DUCT LINER, WHERE SHOWN ON DRAWINGS, SHALL BE A MINIMUM OF 1" THICK AND SHALL HAVE A MINIMUM "R" VALUE OF 3.8.						
6. DUCT LINER SHALL NOT BE SUBSTITUTED FOR DUCT WRAP UNLESS THE MINIMUM "R" VALUE OF THE DUCT LINER IS INCREASED TO VALUE NEEDED PER TABLE ABOVE.						
7. DUCT DIMENSIONS SHOWN ON THE DRAWINGS ARE NET FREE AREA. WHERE DUCT LINER IS SHOWN, INCREASE METAL DUCT SIZE TO ALLOW FOR THICKNESS OF DUCT LINER.						
8. TOTAL LENGTH OF FLEXIBLE DUCT RUN SHALL NOT EXCEED 3'-0". EXTEND SHEET METAL DUCT TO WITHIN 3'-0" OF THE AIR INLET OR AIR OUTLET DEVICE.						
9. OFFSET OF FLEXIBLE DUCT SHALL NOT EXCEED ONE HALF OF THE DUCT DIAMETER.						
10. ALL DUCT CHANGES IN DIRECTION SHALL BE MADE WITH RIGID ELBOWS OR OTHER RIGID METAL FITTINGS.						
11. INDOOR DUCT INSULATION AND RELATED MATERIALS SHALL HAVE A FLAME-SPREAD INDEX OF 25 OR LESS, AND SMOKE-DEVELOPED INDEX OF 50 OR LESS WHEN TESTED TO ASTM 84.						
12. OUTDOOR DUCT INSULATION AND RELATED MATERIALS SHALL HAVE A FLAME-SPREAD INDEX OF 75 OR LESS, AND SMOKE-DEVELOPED INDEX OF 150 OR LESS WHEN TESTED TO ASTM 84.						
13. ALL DUCT COVERINGS AND LININGS SHALL NOT FLAME, GLOW, SMOLDER, OR SMOKE WHEN TESTED IN ACCORDANCE WITH ASTM 411.						
14. ALL MATERIALS USED AS INTERNAL INSULATION AND EXPOSED TO THE AIR STREAM IN DUCTS SHALL BE SHOWN TO BE DURABLE WHEN TESTED IN ACCORDANCE WITH UL 181.						



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CONSTRUCTION DOCUMENTS
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MECHANICAL
SCHEDULES

M601

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SYMBOL LEGEND - MISC	
REFERENCE LINES AND SYMBOLS	
SYMBOL	DESCRIPTION
	VIEW OR DETAIL INDICATOR: # INDICATES DETAIL NUMBER, SHEET INDICATES DRAWING SHEET WHERE VIEW OR DETAIL IS SHOWN.
	ELEVATION OR SECTION INDICATOR: # INDICATES VIEW NUMBER, SHEET INDICATES DRAWING SHEET WHERE VIEW IS SHOWN.
	ROOM / SPACE INDICATOR
	KEYNOTE INDICATOR
	REVISION INDICATOR
	PLUMBING FIXTURE INDICATOR
	EQUIPMENT INDICATOR
	REGISTER, GRILLE, OR DIFFUSER INDICATOR
	BREAKLINE
	MATCHLINE INDICATOR
	CONTRACT LIMIT LINE: DASHDOT, WIDE LINE
	NEW CONNECTION TO EXISTING
	POINT OF DEMOLITION

SYMBOL LEGEND - PIPING	
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.	
SYMBOL	DESCRIPTION
	HOSE BIBB / WALL HYDRANT
	CLEANOUT TO GRADE
	FLOOR CLEANOUT
	WALL CLEANOUT
	FLOOR DRAIN
	FLOOR SINK

DEFINITIONS	
NOTE: ALL DEFINITIONS MAY NOT BE USED.	
INDICATED: THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED", AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE. NO LIMITATION ON LOCATION IS INTENDED.	
DIRECTED: TERMS SUCH AS "DIRECTED", "REQUESTED", "AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.	
APPROVED: THE TERM "APPROVED" WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.	
FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."	
INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."	
PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."	
INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.	

PIPING LEGEND	
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.	
ABBREVIATION	DESCRIPTION
—180—	180°F HOT WATER
-----180R-----	160°F HOT WATER RETURN / CIRCULATION
—180—	180°F HOT WATER
-----180R-----	180°F HOT WATER RETURN / CIRCULATION
—AW—	ACID WASTE
---AV---	ACID VENT
—CO2—	CARBON DIOXIDE
—CWV—	COMBINATION WASTE AND VENT
—CA—	COMPRESSED AIR
—CD—	CONDENSATE DRAIN
—DCW—	DOMESTIC COLD WATER
—DHW—	DOMESTIC HOT WATER
—DHWV—	DOMESTIC HOT WATER RECIRCULATION
—DI—	DEIONIZED WATER
—DSW—	DOMESTIC SOFT WATER
—DEM—	DEMOLISHED PIPING
—FP—	FIRE PROTECTION
—FOR—	FUEL OIL RETURN
—FOS—	FUEL OIL SUPPLY
—FOV—	FUEL OIL VENT
—GW—	GREASE WASTE
—HPC—	HIGH PRESSURE CONDENSATE
—MPC—	MEDIUM PRESSURE CONDENSATE
—LPC—	LOW PRESSURE CONDENSATE
—ICW—	INDUSTRIAL COLD WATER
—IHW—	INDUSTRIAL HOT WATER
—IW—	IRRIGATION WATER
—LPG—	LIQUID PROPANE GAS
—MA—	MEDICAL AIR
—NG—	NATURAL GAS
—NO—	NITROUS OXIDE
—O—	OXYGEN
—PC—	PUMPED CONDENSATE
—RW—	RAINWATER / STORM DRAIN
—SRW—	SECONDARY RAINWATER / STORM DRAIN
—SS—	SANITARY SEWER
—VAC—	VACUUM
—V—	VENT

SYMBOL LEGEND - PIPING	
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.	
SYMBOL	DESCRIPTION
	SHUT OFF VALVE
	GATE VALVE
	CHECK VALVE
	AUTOMATIC 2-WAY VALVE
	AUTOMATIC 3-WAY VALVE
	GLOBE VALVE
	BALL VALVE
	RELIEF VALVE
	PRESSURE REDUCING VALVE
	BUTTERFLY VALVE
	SOLENOID VALVE
	ANGLE VALVE
	VENTURI VALVE
	BALANCING OR PLUG COCK
	FLOW SETTER
	EXPANSION VALVE
	GAS COCK
	MANUAL AIR VENT
	STRAINER
	GAUGE COCK
	FLEXIBLE CONNECTION
	PRESSURE GAUGE
	THERMOMETER
	PIPE REDUCER
	REFRIGERANT SITE GLASS
	REFRIGERANT STRAINER
	REFRIGERANT FILTER DRIER
	90 DEGREE ELBOW UP
	90 DEGREE ELBOW DOWN
	90 DEGREE TEE UP
	90 DEGREE TEE DOWN
	PIPE UNION
	PIPE CAP
	PIPE ANCHOR
	FLOAT AND THERMOSTATIC TRAP

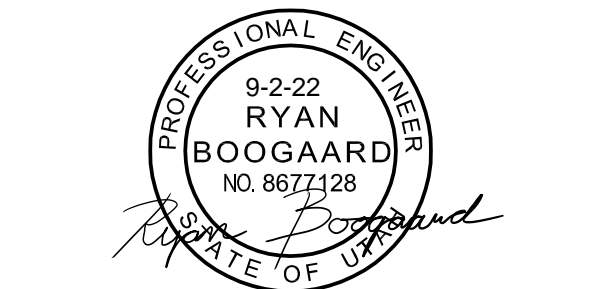
ABBREVIATIONS	
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.	
(E)	EXISTING
(F)	FUTURE
AC	AIR CONDITION(-ING,-ED)
APD	AIR PRESSURE DROP
BD	BALANCING DAMPER
BHP	BRAKE HORSE POWER
BTU	BRITISH THERMAL UNIT
BTUH	BTU/HOUR
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CV	CONTROL VALVE
DB	DRY BULB TEMPERATURE
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHWV	DOMESTIC HOT WATER RECIRC
DP	DEPTH, DEEP, OR DROP IN PRESSURE
EA	EXHAUST AIR
EER	ENERGY EFFICIENCY RATIO
EFF	EFFICIENCY
ELEC	ELECTRIC
ELEV	ELEVATION
ENT	ENTERING
EVAP	EVAPORAT(-E,-ING,-ED,-OR)
EWT	ENTERING WATER TEMPERATURE
EXT	EXTERNAL
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
FPI	FINS PER INCH
FFM	FEET PER MINUTE
FFS	FEET PER SECOND
FSD	FIRE SMOKE DAMPER
GE	GREASE EXHAUST
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HD	HEAD
HG	MERCURY
HP	HORSEPOWER
HR	HOUR
HTG	HEATING
HZ	HERTZ (FREQUENCY)
IN	INCH
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LH	LATENT HEAT
LRA	LOCKED ROTOR AMPS
LVG	LEAVING
LWT	LEAVING WATER TEMPERATURE
MBH	THOUSAND BTU PER HOUR
MCA	MINIMUM CIRCUIT AMPS
MFR	MANUFACTUR(-ER,-ED)
NC	NORMALLY CLOSED OR NOISE CRITERIA
NIC	NOT IN CONTACT
NO	NORMALLY OPEN
NPSH	NET POSITIVE SUCTION HEAD
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OD	OUTSIDE DIAMETER
OZ	OUNCE
PD	PRESSURE DROP OR DIFFERENCE
PG	PROPYLENE GLYCOL
PH	PHASE
PPM	PARTS PER MILLION
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIA	PSI ABSOLUTE
PSIG	PSI GAUGE
RA	RETURN AIR
RECIRC	RECIRCULATE (-ER,-ED,-ING)
REFR	REFRIGERATION
REQD	REQUIRED
RLA	RATED LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SCFM	STANDARD CUBIC FEET PER MINUTE
SCW	SOFT COLD WATER
SH	SENSIBLE HEAT
SP	STATIC PRESSURE
SPEC(S)	SPECIFICATION(S)
SQ	SQUARE
STD	STANDARD
SW	SOIL, WASTE
TA(R)	TRANSFER AIR (RETURN)
TA(S)	TRANSFER AIR (SUPPLY)
TD	TEMP. DROP OR DIFF.
TEMP	TEMPERATURE
TOT	TOTAL
TSTAT	THERMOSTAT
V	VOLT, VOLTAGE OR VENT
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
VEL	VELOCITY
VENT	VENT, VENTILATION
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VOL	VOLUME
VTR	VENT THROUGH ROOF
WB	WET BULB TEMP
WC	WATER COLUMN
WG	WATER GAUGE
WPD	WATER PRESSURE DROP
WTR	WATER

PLUMBING GENERAL NOTES	
1. THE PLUMBING DRAWINGS SHOW THE GENERAL DESIGN, ARRANGEMENT AND EXTENT OF THE PLUMBING SYSTEM. BECAUSE OF THE SMALL SCALE OF THE DRAWINGS, THESE DRAWINGS DO NOT SHOW ALL OFFSETS, BENDS OR ELBOWS NECESSARY FOR THE COMPLETE INSTALLATION IN THE SPACE PROVIDED. CONTRACTOR SHALL MAKE SUCH SLIGHT ALTERATIONS AS MAY BE NECESSARY TO MAKE THE SYSTEM COMPLETE AND OPERATIONAL IN ACCORDANCE WITH THE DESIGN INTENT. MAJOR DEVIATIONS SUCH AS CHANGES IN COMPONENT SIZES, WEIGHTS, QUANTITIES OR MATERIAL REQUIRE PRIOR APPROVAL BY THE DESIGN ENGINEER.	
2. THE DRAWINGS AND SPECIFICATIONS HAVE BEEN PREPARED TO SUPPLEMENT EACH OTHER AND SHALL BE INTERPRETED AS AN INTEGRAL UNIT WITH THE ITEMS SHOWN ON ONE AND NOT THE OTHER BEING FURNISHED AND INSTALLED AS THOUGH SHOWN AND CALLED OUT IN BOTH.	
3. THE ENTIRE PLUMBING INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE MOST RECENTLY ADOPTED BUILDING CODES, MECHANICAL CODE, PLUMBING CODE, ELECTRICAL CODE, AND ALL OTHER APPLICABLE CITY, COUNTY, STATE, AND FEDERAL CODES AND REGULATIONS IN EFFECT.	
4. THE ENTIRE PLUMBING INSTALLATION SHALL CONFORM TO ANY CODES, RULES, REGULATIONS AND REQUIREMENTS OF THE BUILDING OWNER.	
5. PRIOR TO FABRICATION AND INSTALLATION OF ANY PLUMBING COMPONENT THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL PLUMBING WORK WITH ALL OTHER BUILDING TRADES, INCLUDING BUILDING TRADES HIRED DIRECTLY BY THE OWNER. WHERE CONFLICTS MAY OCCUR, THEY SHALL BE RESOLVED PRIOR TO INSTALLATION.	
6. ALL PLUMBING INFORMATION IS NOT SHOWN ON THE PLUMBING DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL INFORMATION ON ALL OTHER CONSTRUCTION DOCUMENTS.	
7. THE CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW AND USE, WHERE APPROPRIATE, ALL THE PLUMBING DETAILS SHOWN ON THE DRAWINGS. DETAILS MAY OR MAY NOT BE CALLED OUT ON THE DRAWINGS WITH SYMBOLS OR KEYED NOTES. ANY CHANGES RESULTING FROM FAILURE TO INSTALL THE PLUMBING SYSTEM WITHOUT USING THE INCLUDED DETAILS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.	
8. ANY PART OF THE PLUMBING INSTALLATION THAT FAILS, IS UNFIT, OR BECOMES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.	
9. PROVIDE PROPER PROVISIONS FOR EXPANSION, CONTRACTION, OR MOVEMENT OF ALL PIPING.	
10. PROVIDE LARGE ENOUGH PIPE SLEEVES THROUGH WALL OR FLOOR TO ALLOW FOR ANTICIPATED DIFFERENTIAL MOVEMENT.	
11. ALL PIPING SHALL BE SUPPORT WITH CLEVIS HANGERS (MSS TYPE 1), PERFORATED METAL STRAPS OR PLASTIC STRAPPING (PLUMBER TAPE) SHALL NOT BE USED TO SUPPORT OR BRACE ANY PIPE.	
12. PROVIDE PIPE HANGERS WITHIN 16-INCHES OF ALL CHANGES OF DIRECTION.	
13. PROVIDE SWAY BRACING FOR ALL PIPING 4" AND LARGER AT ALL CHANGES IN DIRECTION GREATER THAN 45-DEGREES.	
14. ALL STEEL CLEVIS HANGERS USED TO SUPPORT COPPER PIPING SHALL BE COPPER OR PLASTIC COATED.	
15. COPPER PIPING SHALL NOT COME IN CONTACT WITH FIRE TREATED LUMBER. PROVIDE 1/2" THICK SLIP-ON CLOSED CELL INSULATION WHERE COPPER PIPING IS ADJACENT TO FIRE TREATED LUMBER. CLOSED CELL INSULATION SHALL EXTEND A MINIMUM OF 1'-1/2" PAST LUMBER.	
16. ALL EXPOSED PIPING SHALL BE INSTALLED IN A NEATLY ARRANGED MANNER PARALLEL TO THE BUILDING STRUCTURE.	
17. ALL EXPOSED DOMESTIC WATER PIPE IN OCCUPIED SPACES SHALL BE POLISHED CHROME PLATED.	
18. ALL EXPOSED DRAINAGE PIPING IN OCCUPIED SPACES INCLUDING TRAPS UNDER SINKS SHALL BE POLISHED CHROME PLATED.	
19. DRAWINGS SHOW GENERAL ARRANGEMENT OF THE DRAIN WASTE AND VENT SYSTEM WITH THE REQUIRED CLEANOUTS. CONTRACTOR SHALL PROVIDE ALL ADDITIONAL CLEANOUTS AS REQUIRED BY THE PLUMBING CODE.	
20. ALL SANITARY DRAINAGE SYSTEM PIPING 3" AND LARGER SHALL BE SLOPED IN DIRECTION OF FLOW AT A MINIMUM OF 1/8" PER FOOT.	
21. ALL SANITARY DRAINAGE SYSTEM PIPING SMALLER THAN 3" SHALL BE SLOPED IN DIRECTION OF FLOW AT A MINIMUM OF 1/4" PER FOOT.	
22. SLOPE VENT SYSTEM TOWARDS DRAINAGE SYSTEM.	
23. SIMILAR EQUIPMENT SHALL BE OF THE SAME MANUFACTURER.	
24. ALL EQUIPMENT SHALL PROVIDE THE SCHEDULED PERFORMANCE AT THE JOB SITE ELEVATION.	
25. FUTURE AND EQUIPMENT MODEL NUMBERS SHOWN IN PLUMBING FIXTURE SCHEDULE AND PLUMBING EQUIPMENT SCHEDULE ARE SHOWN TO ESTABLISH THE TYPE OF PRODUCT THAT SHALL BE USED. THE SELECTED PRODUCT SHALL MEET THE SCHEDULED PERFORMANCE DATA SHOWN ON THE SCHEDULE EVEN IF A DIFFERENT MODEL IS SUPPLIED THAT IS DIFFERENT THAN THAT SCHEDULED.	
26. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S INSTALLATION INSTRUCTIONS. PROVIDE ALL NECESSARY FITTINGS, TRANSITIONS, VALVES AND OTHER DEVICES AND ACCESSORIES REQUIRED FOR A COMPLETE, WORKABLE INSTALLATION.	
27. SEE "PLUMBING FIXTURE SCHEDULE" FOR INDIVIDUAL TRAPS, WASTE, VENT, AND DOMESTIC WATER PIPING FOR INDIVIDUAL FIXTURES.	
28. ALL PLUMBING EQUIPMENT SHALL BE LISTED AND LABELED BY AN APPROVED TESTING AGENCY.	
29. FIXTURES, EQUIPMENT AND PIPING INSTALLATION SHALL MEET NSF STANDARDS.	

PLUMBING SHEET INDEX	
P001	PLUMBING COVER SHEET
P101	PLUMBING PLAN DOMESTIC WATER
P102	PLUMBING PLAN WASTE & VENT
P501	PLUMBING DETAILS
P601	PLUMBING SCHEDULES



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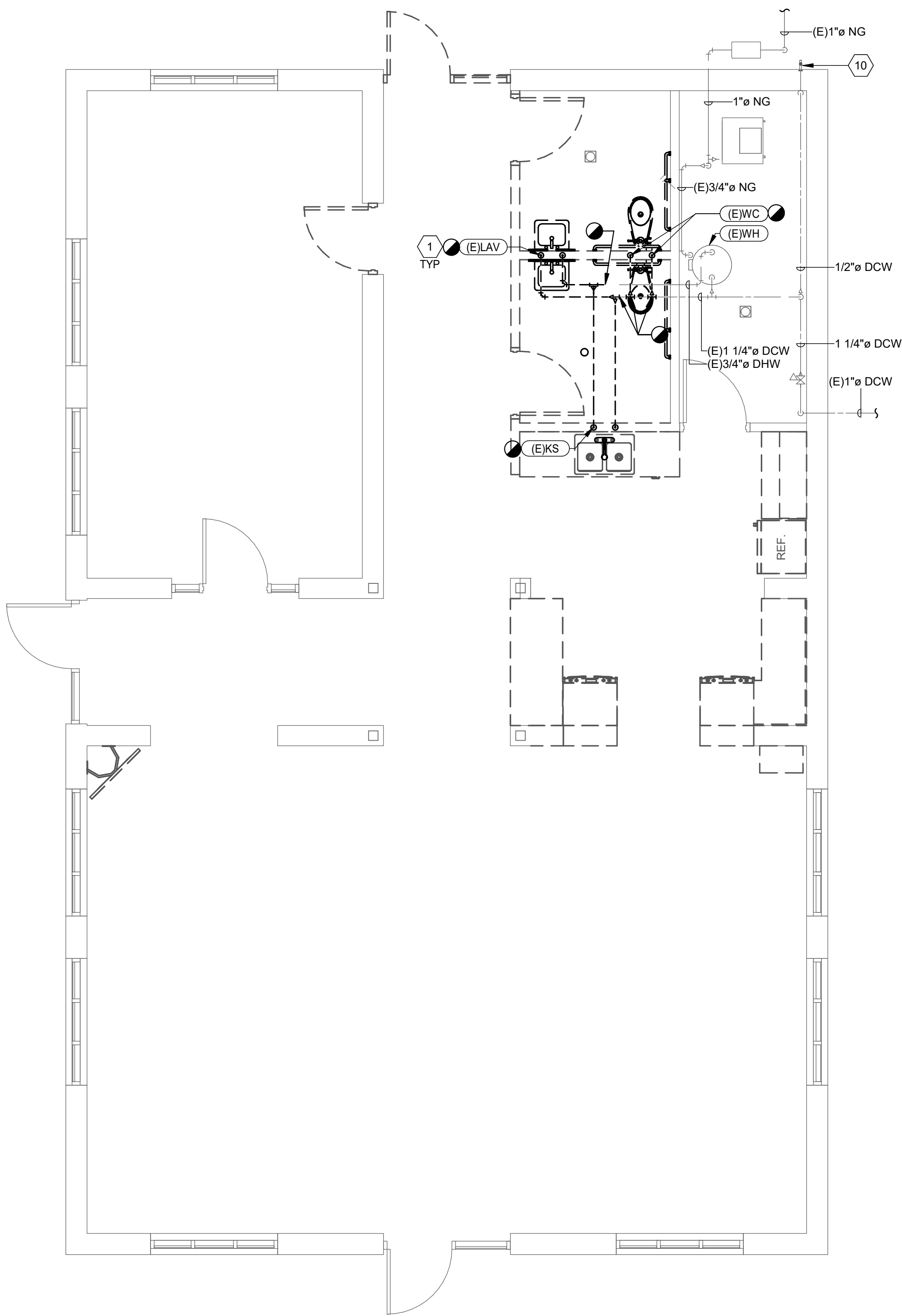
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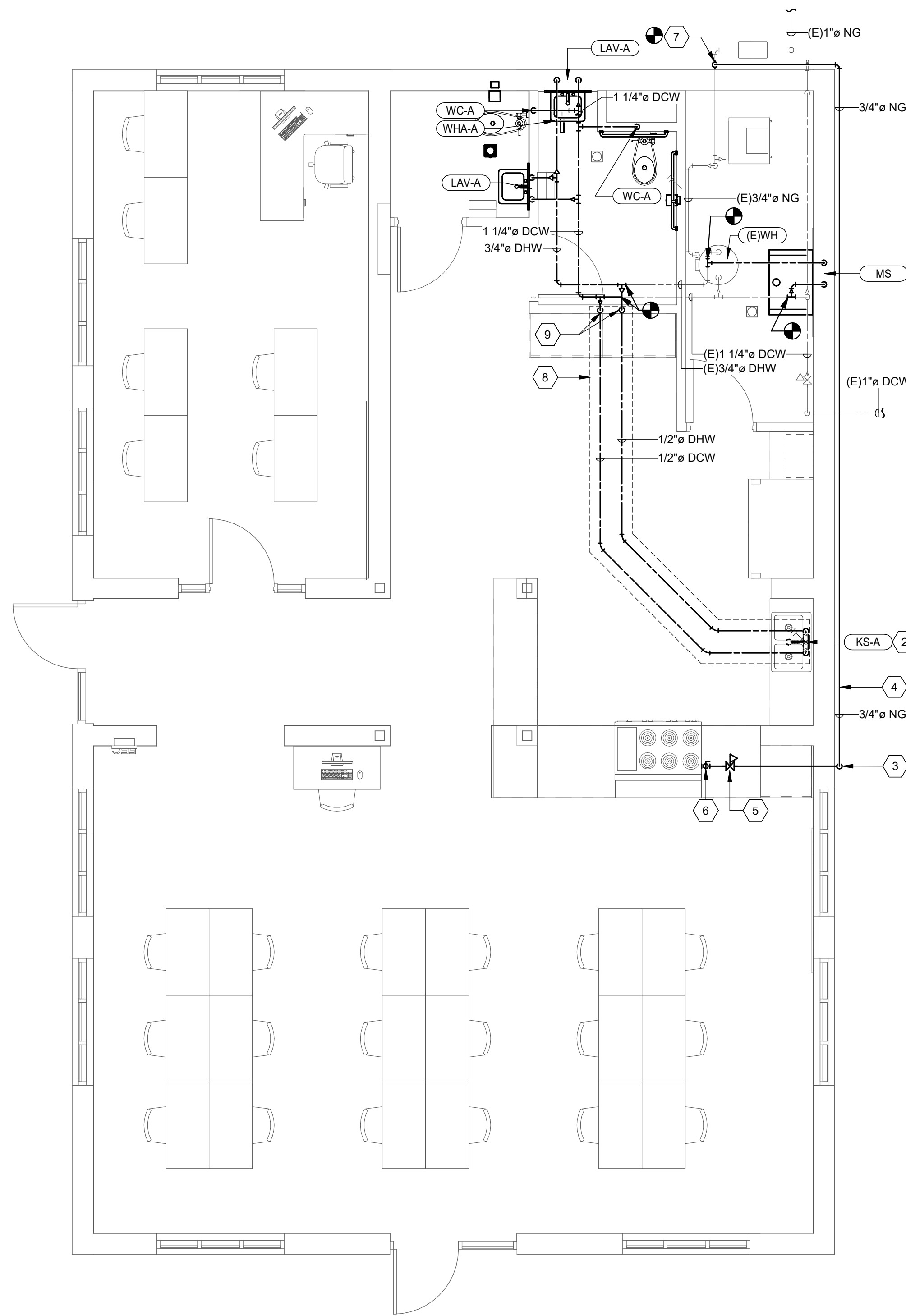
PLUMBING
COVER SHEET

P001

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



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

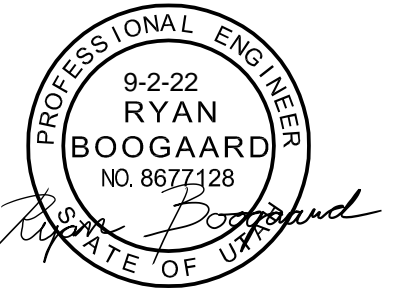


SHEET KEYNOTES

- 1 REMOVE PLUMBING FIXTURE AND ASSOCIATED PIPING BACK TO MAINS, UNLESS OTHERWISE INDICATED.
- 2 PROVIDE AIR ADMITTANCE VALE. SEE DETAIL.
- 3 GAS PIPING IT TO RUN HIGH ALONG ROOF LINE TO THIS POINT AND DROP BEFORE ENTERING THE BUILDING. RUN PIPING WITHIN CABINTRY TO GAS APPLIANCE.
- 4 NATURAL GAS PIPING 2" AND SMALLER = SCHEDULE 40 BLACK STEEL PIPE - THREADED
- 5 PROVIDE MANUFACTURER'S REQUIRED PRESSURE REGULATOR ON GAS LINE SERVING KITCHEN RANGE. MAXIMUM INCOMING PRESSURE IS 0.5 PSI. BASIS OF DESIGN FOR RANGE: ZLINE RA48
- 6 PROVIDE MANUAL SHUTOFF VALVE FOR GAS SERVING KITCHEN RANGE. VALVE IS TO BE LOCATED WHERE IT IS EASILY ACCESSIBLE FOR MAINTENANCE PURPOSES.
- 7 PROVIDE NEW GAS CONNECTION ON THE EXTERIOR OF THE BUILDING. RUN PIPING HIGH ALONG ROOF LINE.
- 8 PROVIDE A SAND BED WITH SIX (6") INCHES MINIMUM COVERAGE AROUND ALL BELOW GRADE PIPES. PROVIDE BACKFILL FREE OF BOULDERS LARGER THAN TWO (2") INCHES COMPACT AND TEST ALL BACKFILL ACCORDING TO ASTM COMPACTION STANDARDS OR PROVIDE PEA GRAVEL BACKFILL. PROVIDE MINIMUM TRENCH WIDTH OF NOT LESS THAN 1.5 TIMES THE PIPE OUTSIDE DIAMETER PLUS 12 INCHES. WHEN COPPER PIPING IS UTILIZED IT MUST BE ENCASED IN A PROTECTIVE PLASTIC SLEEVE.
- 9 PROVIDE ISOLATION VALVES DOMESTIC WATER LINES AT APPROXIMATELY 4' ABOVE FINISHED FLOOR. PROVIDE AN ACCESS PANEL IN WALL TO MAINTAIN ACCESS TO ISOLATION VALVES SERVING THE DOMESTIC WATER LINES DROPPING BELOW GRADE. ACCESS PANEL IS TO BE LOCATED ON RESTROOM WALL.
- 10 EXTERIOR HOSE BIBB TO REMAIN.



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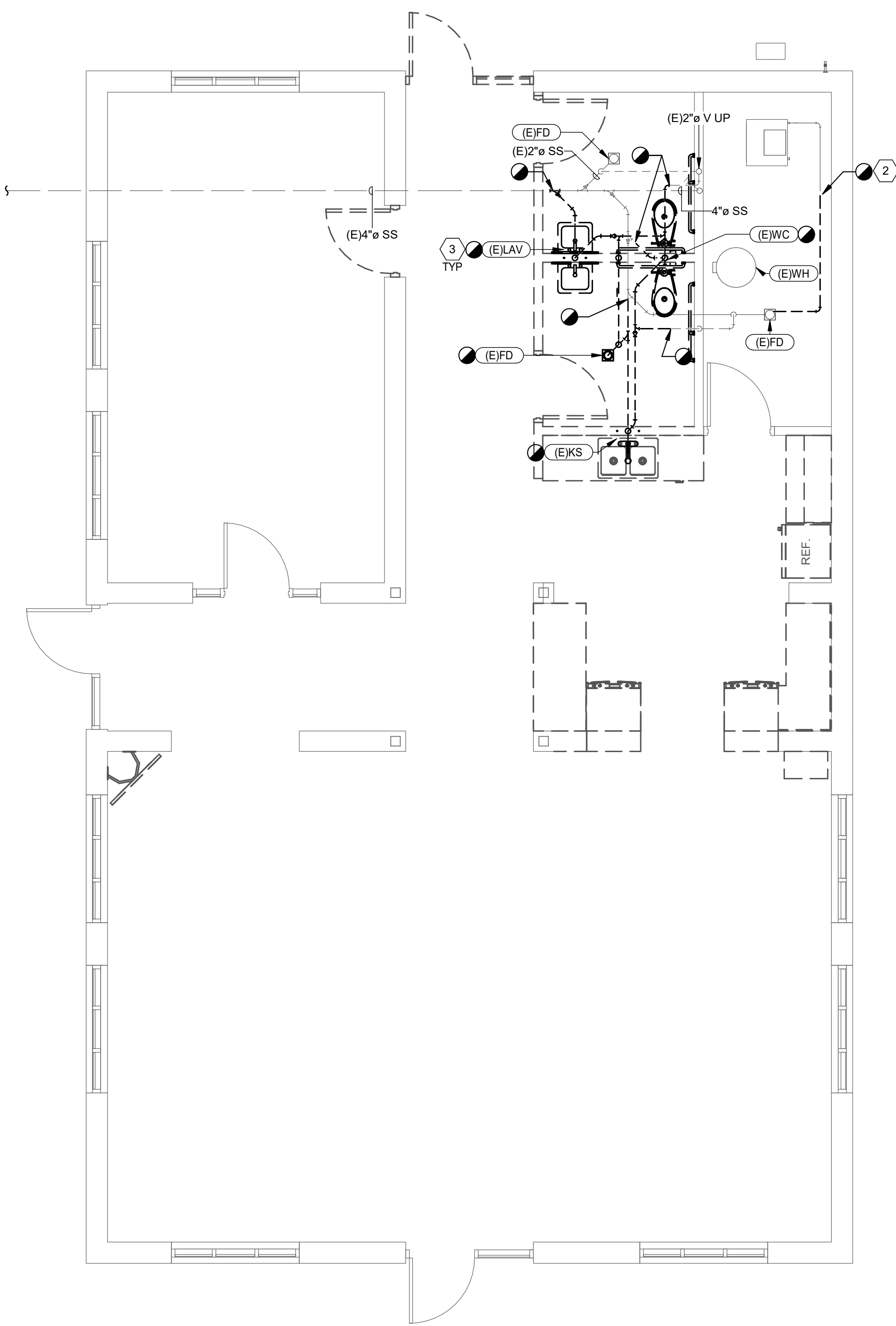
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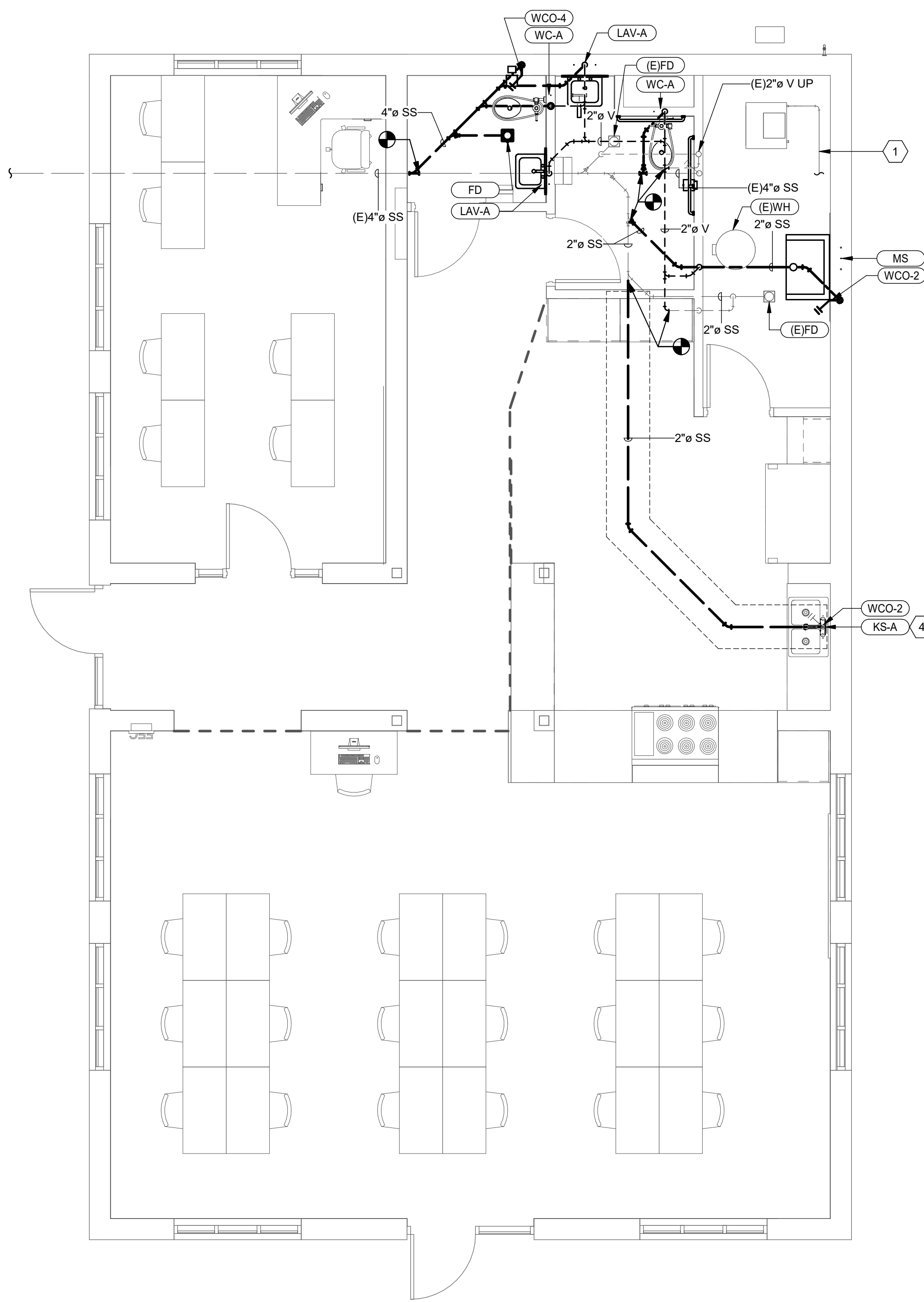
PLUMBING
PLAN
DOMESTIC
WATER

P101

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



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

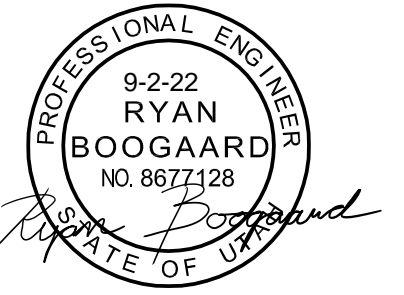


SHEET KEYNOTES

- 1 EXTEND CONDENSATE DRAIN SERVING FURNACE AND WATER HEATER TO THE NEAREST FLOOR DRAIN.
- 2 REMOVE A PORTION OF THE CONDENSATE DRAIN FROM FURNACE. CURRENT LOCATION CONFLICTS WITH LOCATION OF MOP SINK IN RENOVATION PLANS.
- 3 REMOVE PLUMBING FIXTURE AND ASSOCIATED PIPING BACK TO MAINS, UNLESS OTHERWISE INDICATED.
- 4 PROVIDE AIR ADMITTANCE VALE. SEE DETAIL.



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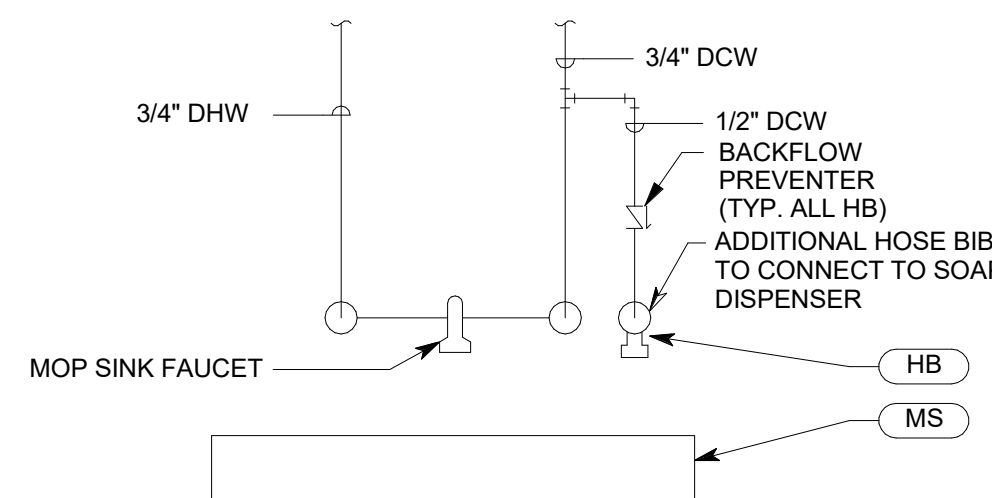
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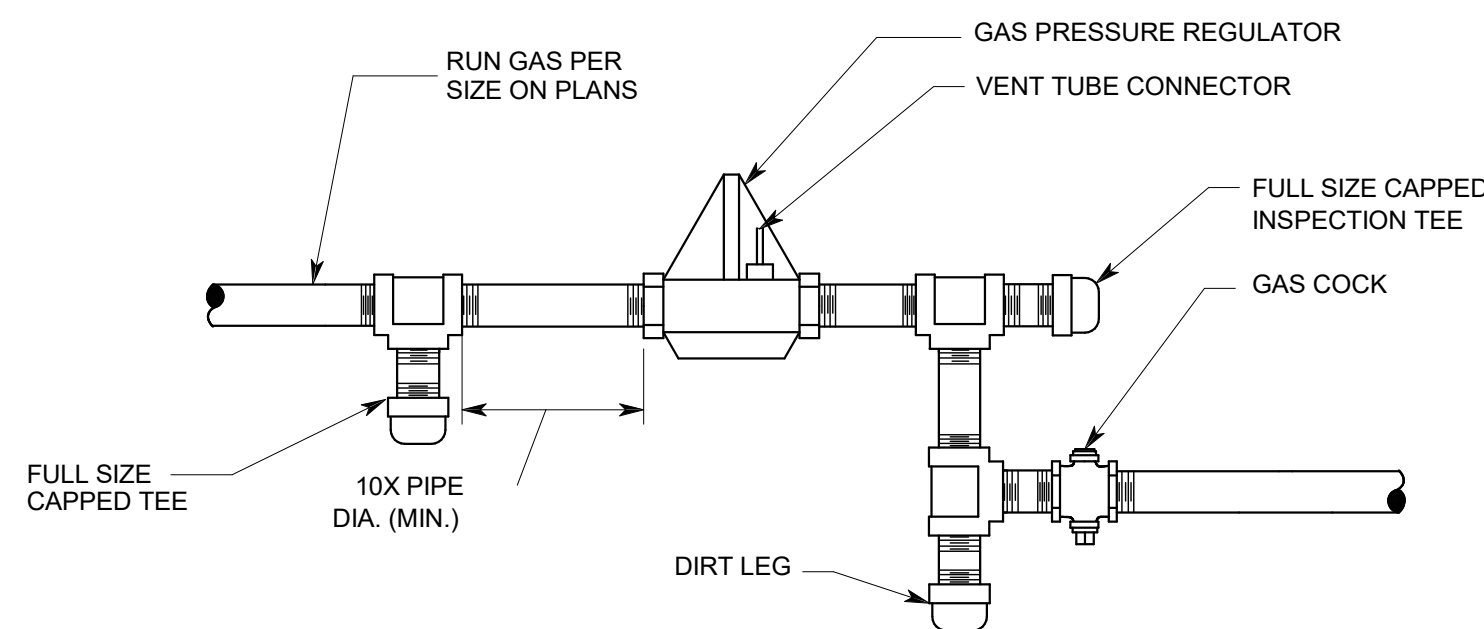
PLUMBING
PLAN WASTE
& VENT

P102

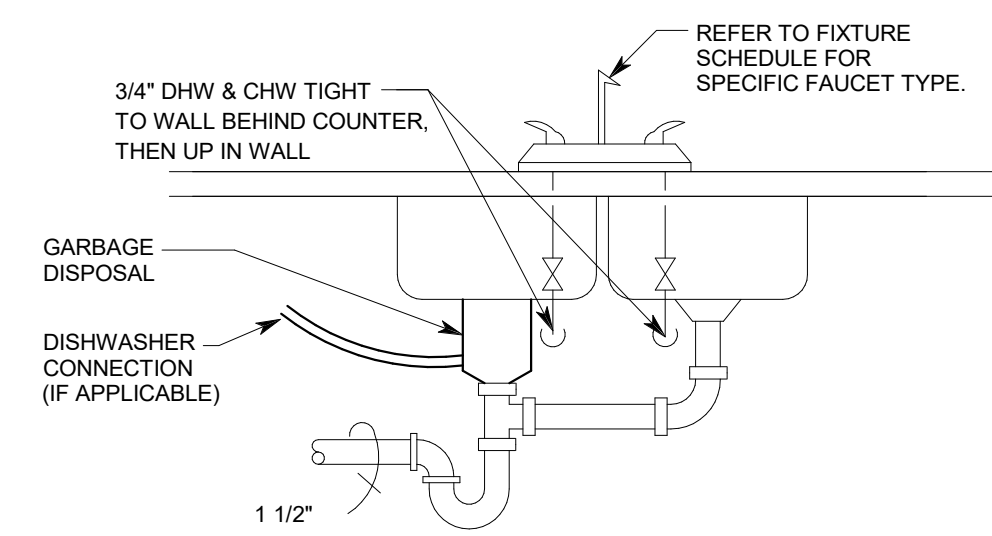
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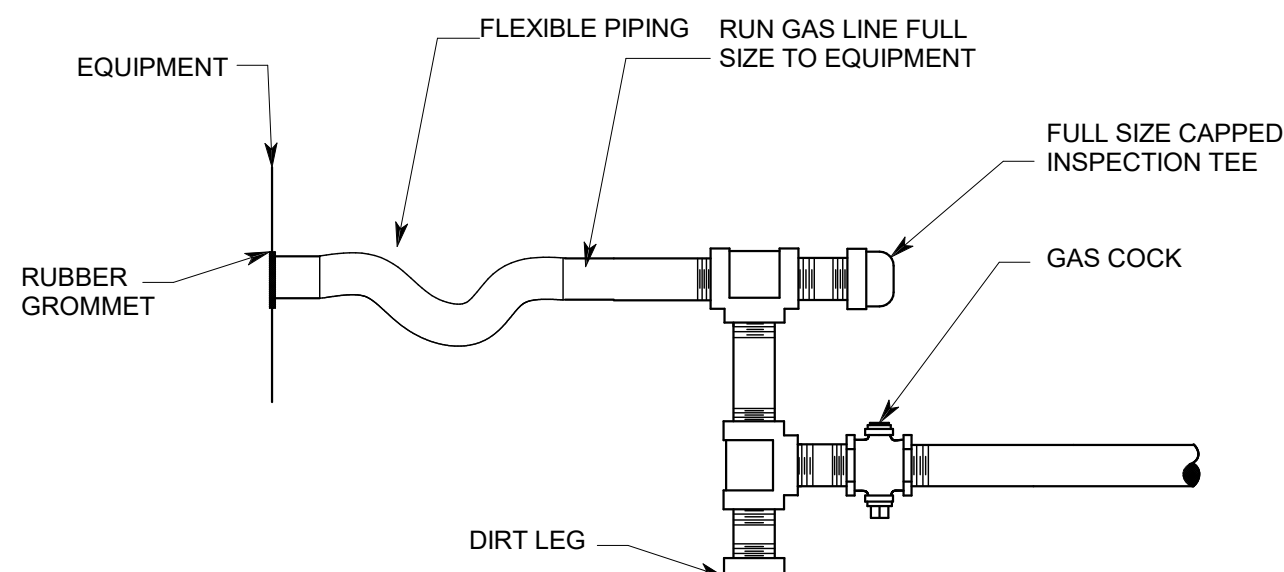
10 MOP SINK CONNECTION DETAIL
SCALE: NTS



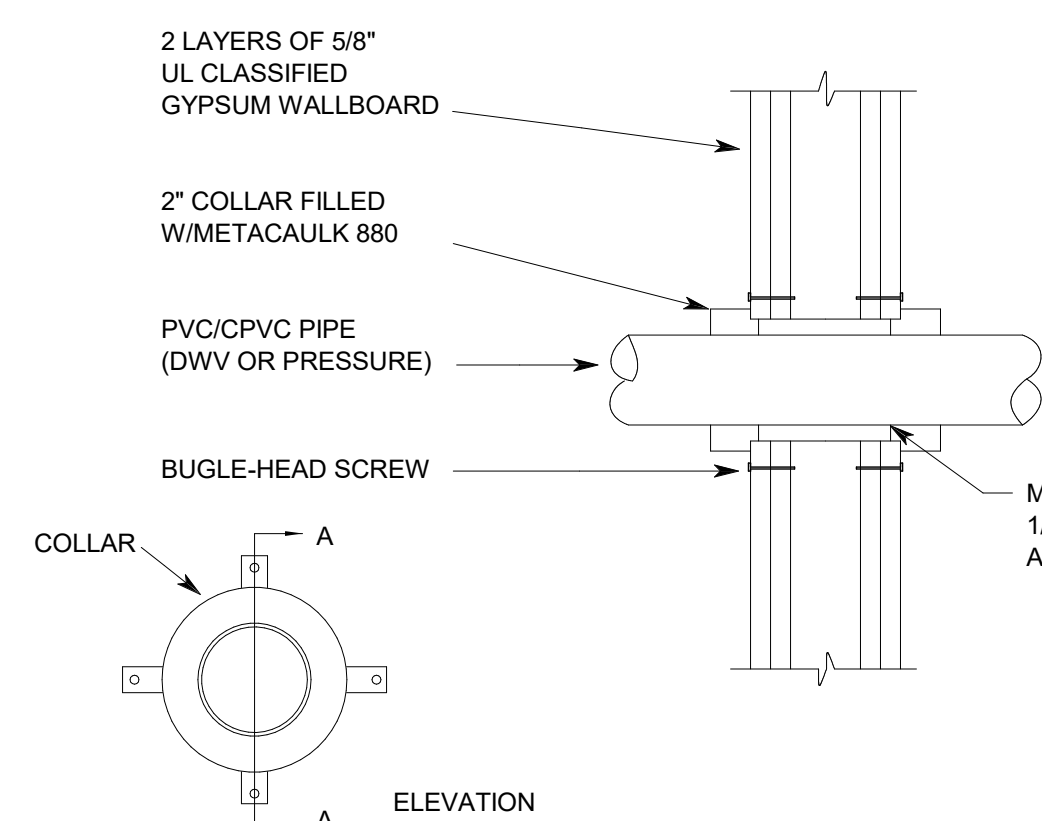
9 PLUMBING GAS PRESSURE REGULATOR
SCALE: NTS



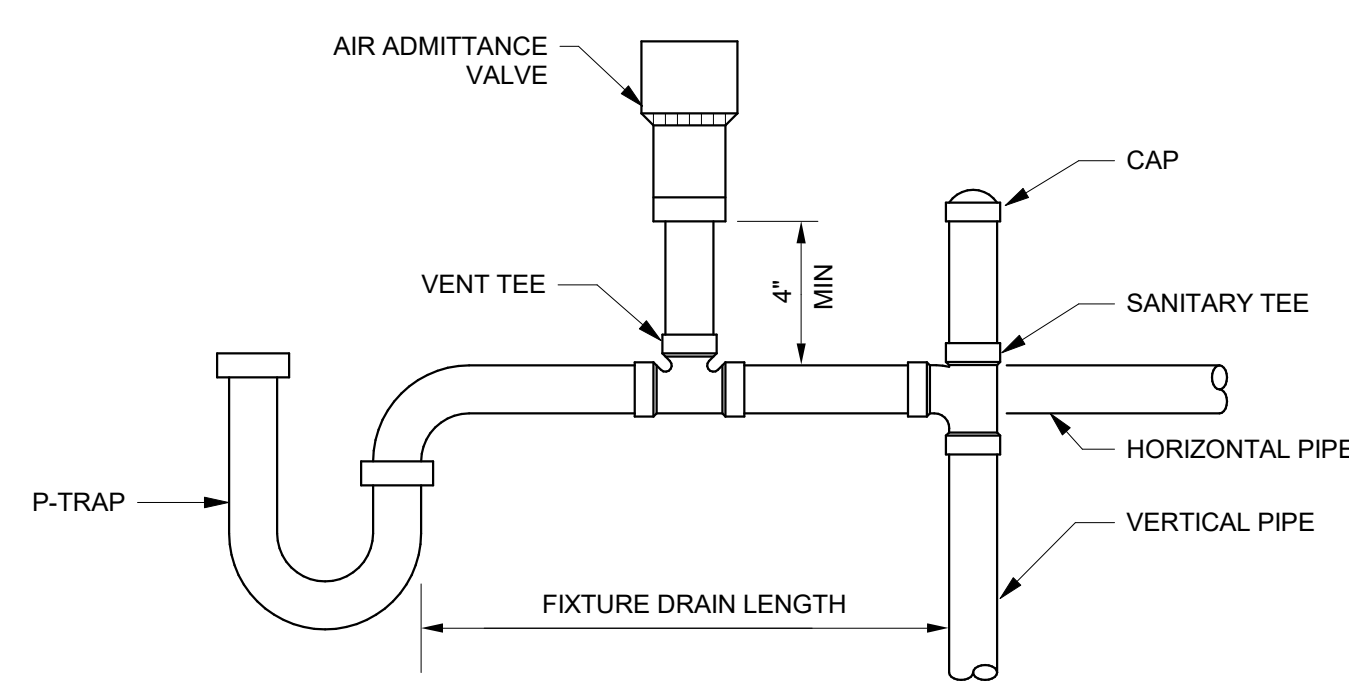
8 KITCHEN SINK CONNECTION
SCALE: NTS



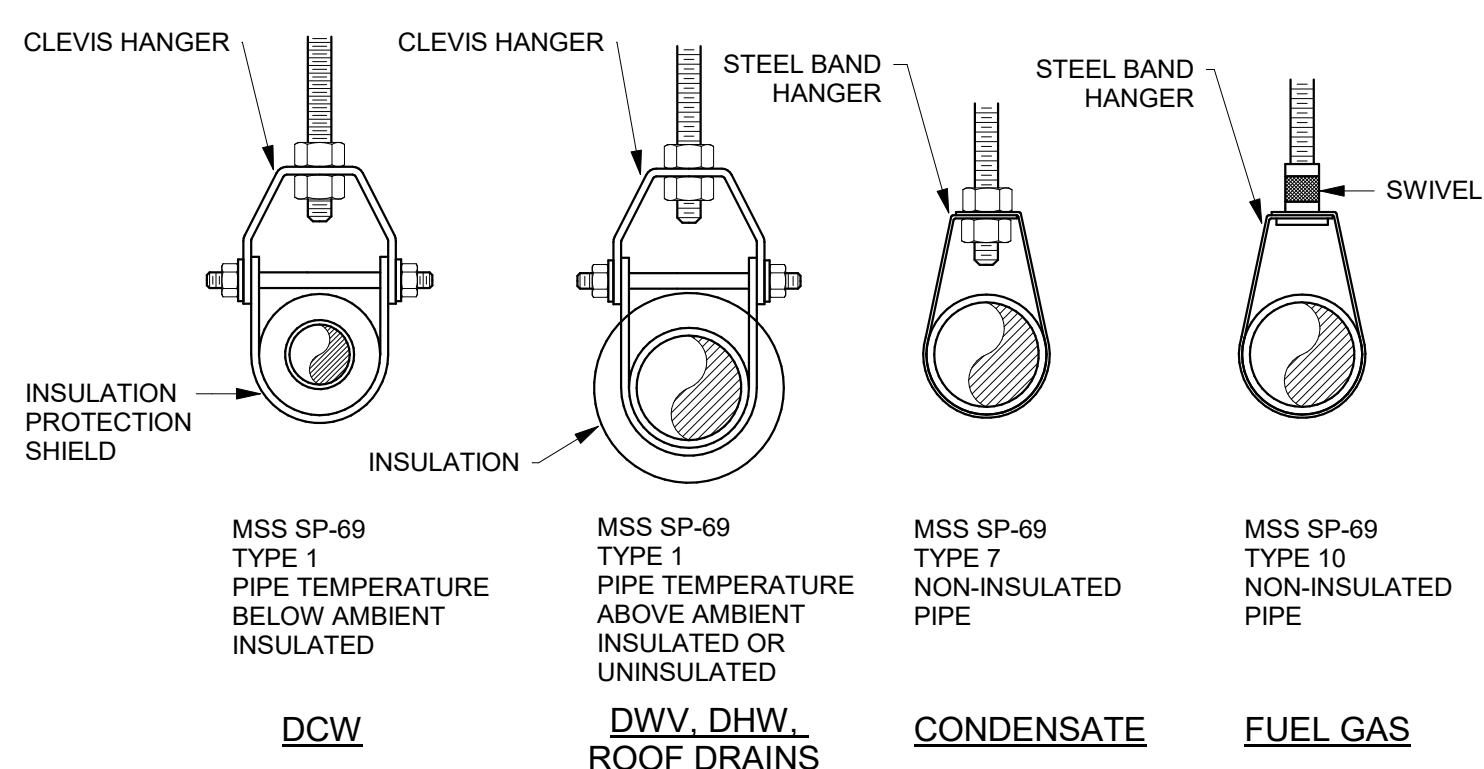
12 GAS PIPE DETAIL
SCALE: NTS



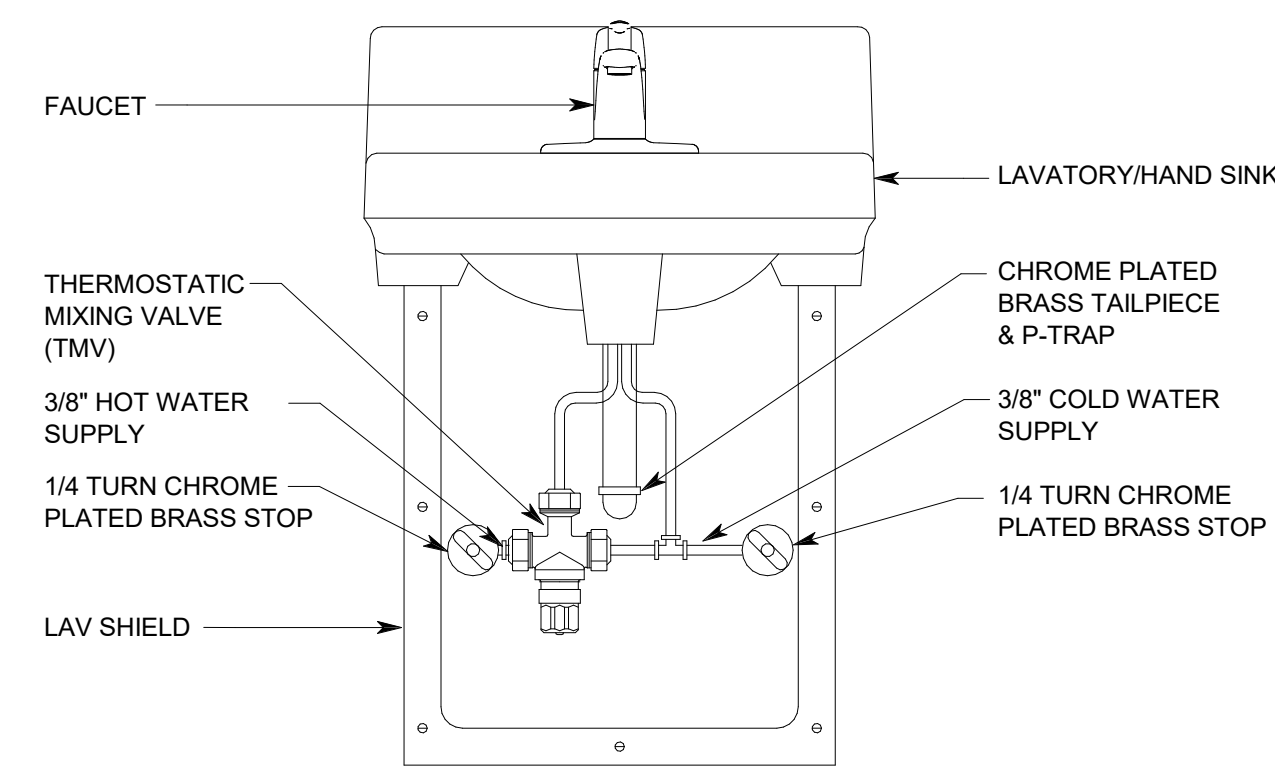
11 PIPE WALL SLEEVE
SCALE: NTS



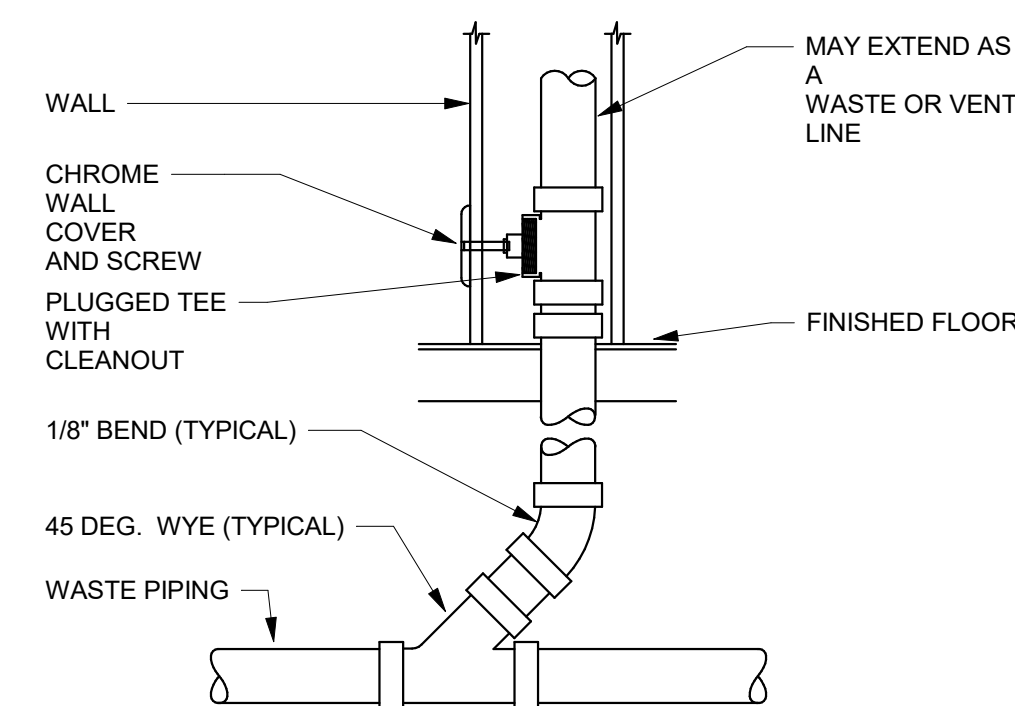
7 AIR ADMITTANCE VALVE
SCALE: NTS



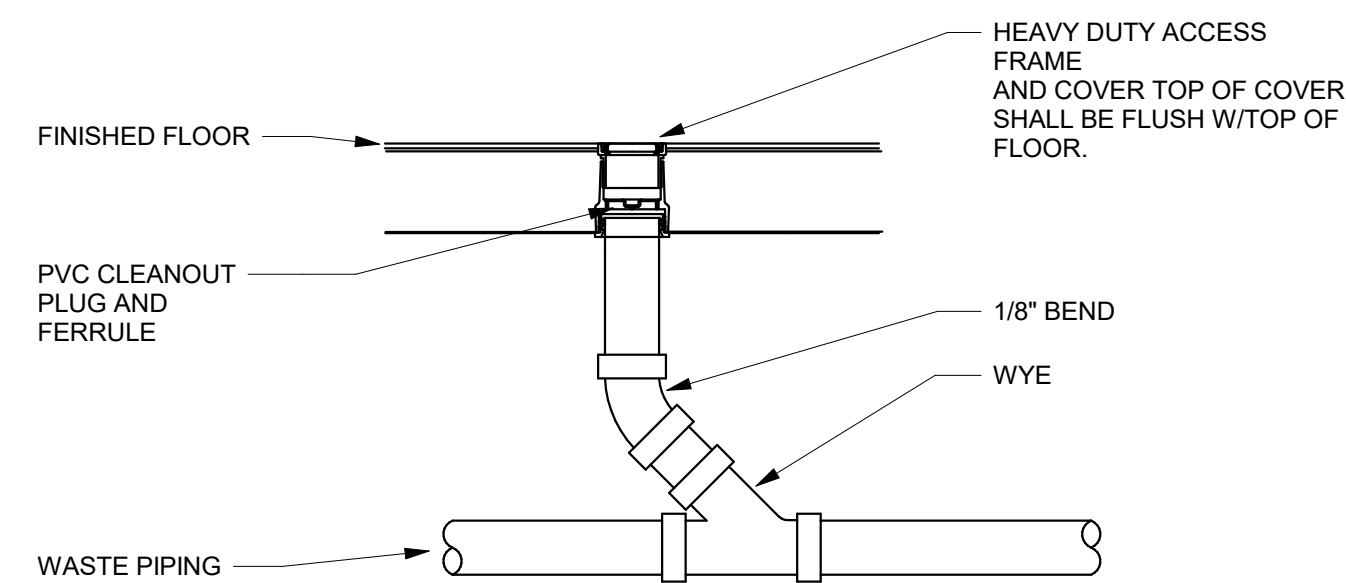
6 PIPE HANGERS x4
SCALE: NTS



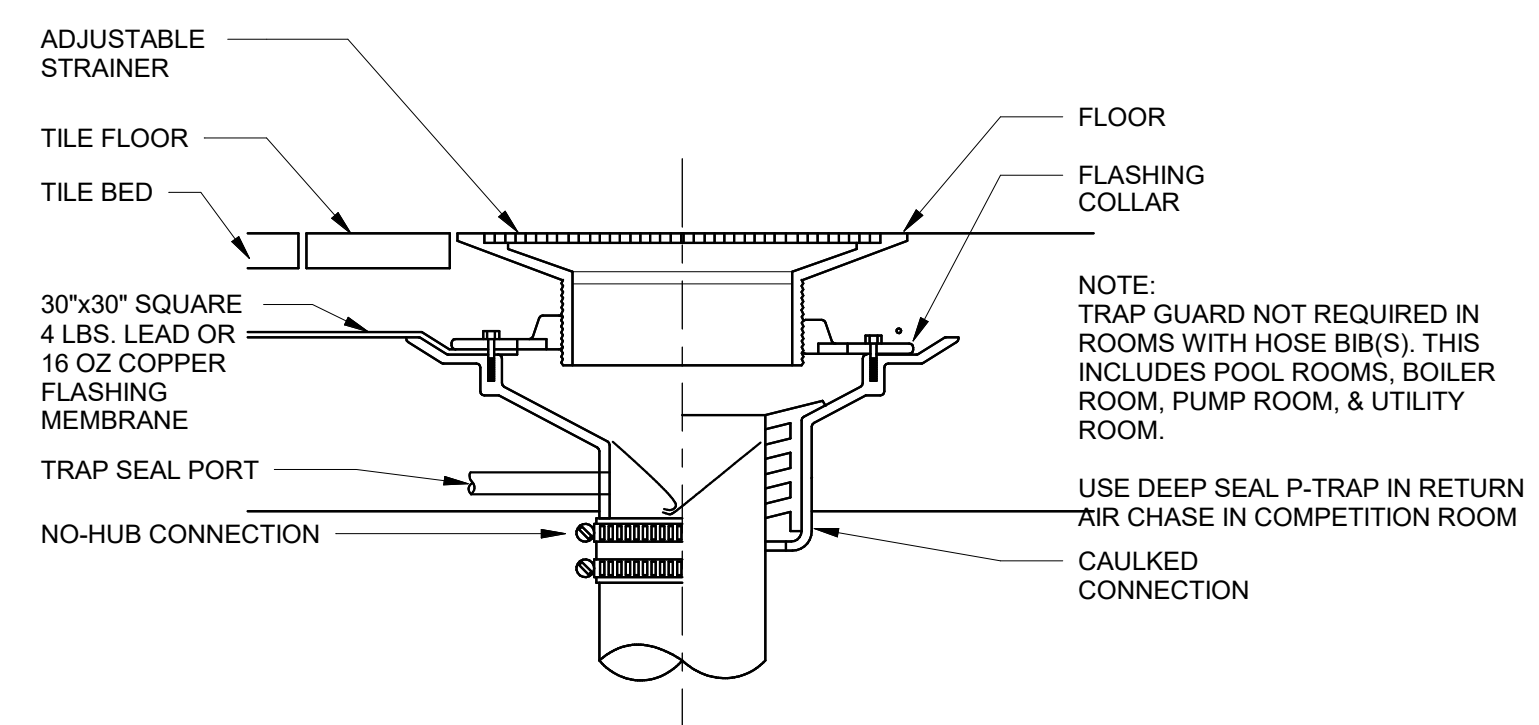
5 THERMOSTATIC MIXING VALVE AT HAND SINK
SCALE: NTS



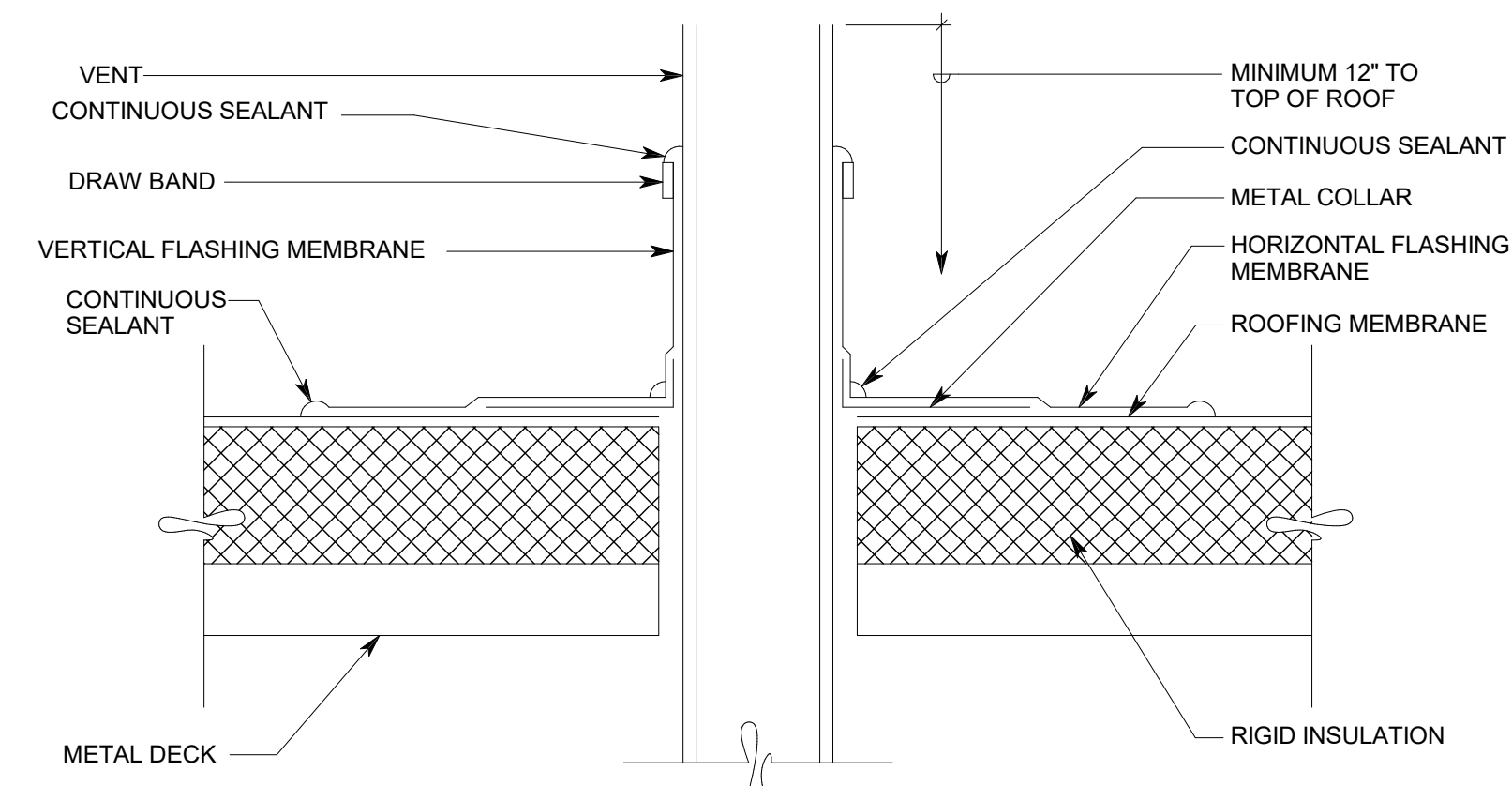
4 WALL CLEANOUT
SCALE: NTS



3 FLOOR CLEANOUT
SCALE: NTS



2 FLOOR DRAIN
SCALE: NTS

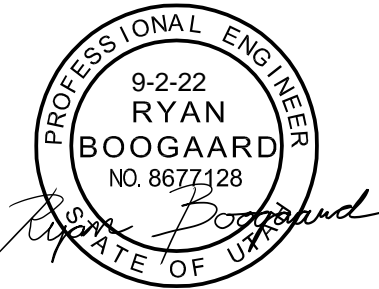


1 VENT THROUGH ROOF DETAIL
SCALE: NTS

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NJRA Project # 27707-00
CONSTRUCTION SEPT 2, 2022
DOCUMENTS

PLUMBING
SCHEDULES

P601

PLUMBING FIXTURE SCHEDULE									
REFER TO PLUMBING SPECIFICATIONS FOR COMPLETE FIXTURE COMPONENTS									
LABEL	DESCRIPTION	WASTE	TRAP	VENT	CW	HW	MANUFACTURER	MODEL	REMARKS
FD	FLOOR DRAIN	2"	2"	2"	0"	0"	FIXTURE: ZURN TRAP SEAL: RECTORSEAL	FIXTURE: Z415-B21 TRAP SEAL: SURESEAL	TRAP SEAL TO MATCH FD SIZE
KS-A	TOP MOUNT DOUBLE BOWL KITCHEN SINK (ACCESSIBLE)	1 1/2"	1 1/2"	1 1/2"	1/2"	1/2"	FIXTURE: ELKAY FAUCET: KOHLER DISPOSER: BADGER 5 TMV: BRADLEY	FIXTURE: LRAD291855 FAUCET: K-10445 DISPOSER: BADGER 5 TMV: S59-4016 SERIES	MOUNT AT ADA HEIGHT DISPOSER ELECTRICAL: 1/2 HP, 1725 RPM, 6.3A, 120/1
LAV-A	WALL MOUNTED LAVATORY (ACCESSIBLE)	1 1/4"	1 1/4"	1 1/2"	1/2"	1/2"	FIXTURE: KOHLER FAUCET: KOHLER INSULATION: TRUEBRO TMV: WEBSTONE	FIXTURE: K-2035-1 FAUCET: K013461 INSULATION: LAVGUARD 2 TMV: H-77211W-TG	MOUNT AT ADA HEIGHT SET TMV AT 110 DEG. F.
MS	SERVICE SINK	3"	3"	2"	3/4"	3/4"	FIXTURE: MUSTEE FAUCET: KOHLER	FIXTURE: 63M FAUCET: K-8907	PROVIDE HOSE AND HOSE HOLDER, MOP HANGER, BUMPER AND WALL GUARDS
WC-A	FLOOR MOUNT FLUSH VALVE WATER CLOSET (ACCESSIBLE)	3"	INT.	2"	1 1/2"	0"	FIXTURE: KOHLER FLUSH VALVE: ZURN SEAT: BEMIS	FIXTURE: K-96057-SSL FLUSH VALVE: ZER8000-CP-WS1 SEAT: 1955CTJ	
WCO-2	WALL CLEAN OUT	2"		0"	0"	0"	FIXTURE: ZURN	FIXTURE: Z1446	PROVIDE WASTE CONNECTION SAME AS PIPE SIZE
WCO-4	WALL CLEAN OUT	4"		0"	0"	0"	FIXTURE: ZURN	FIXTURE: Z1446	PROVIDE WASTE CONNECTION SAME AS PIPE SIZE

DOMESTIC COLD WATER DEMAND					
2018 INTERNATIONAL PLUMBING CODE - TABLE E103.3(3) ESTIMATED DEMAND (GPM):					30
PIPE SIZE (WATER SUPPLY TO BUILDING):					1-1/4"
2018 INTERNATIONAL PLUMBING CODE - FIGURE E103.3(5) PIPE FRICTION (PSI / 100 FT):					6
PIPE VELOCITY (FEET / SECOND):					6
EQUIPMENT	OCCUPANCY	TYPE OF SUPPLY CONTROL	QUANTITY	COMBINED WATER SUPPLY FIXTURE UNITS (WSFU)	TOTAL WATER SUPPLY FIXTURE UNITS (WSFU)
KITCHEN SINK	PRIVATE	FAUCET	1	1.4	1.4
LAVATORY	PUBLIC	FAUCET	2	2	4
SERVICE SINK	OFFICES, ETC.	FAUCET	1	3	3
WATER CLOSET, PUBLIC (1.6 GPF)	PUBLIC	FLUSHOMETER VALVE	2	10	20
TOTAL			6		28.4

DOMESTIC HOT WATER DEMAND					
2018 INTERNATIONAL PLUMBING CODE - TABLE E103.3(3) ESTIMATED DEMAND (GPM):					11
PIPE SIZE (WATER SUPPLY TO BUILDING):					3/4"
2018 INTERNATIONAL PLUMBING CODE - FIGURE E103.3(5) PIPE FRICTION (PSI / 100 FT):					12
PIPE VELOCITY (FEET / SECOND):					6
EQUIPMENT	OCCUPANCY	TYPE OF SUPPLY CONTROL	QUANTITY	COMBINED WATER SUPPLY FIXTURE UNITS (WSFU)	TOTAL WATER SUPPLY FIXTURE UNITS (WSFU)
KITCHEN SINK	PRIVATE	FAUCET	1	1	1
LAVATORY	PUBLIC	FAUCET	2	1.5	3
SERVICE SINK	OFFICES, ETC.	FAUCET	1	2.25	2.25
TOTAL			4		6.25

SANITARY SEWER DEMAND			
BASIS FOR DESIGN			
2018 INTERNATIONAL PLUMBING CODE - MINIMUM SLOPE = 1/8" PER FOOT			
CHAPTER 7 - SANITARY DRAINAGE- REQUIRED PIPE SIZE =			
TABLE 710.1(1) - BUILDING DRAINS AND SEWERS - 180 DFUS PERMITTED ON MAIN			
EQUIPMENT	QUANTITY	INDIVIDUAL DRAINAGE FIXTURE UNIT	TOTAL DRAINAGE FIXTURE UNITS
FLOOR DRAINS	1	2	2
KITCHEN SINK	1	2	2
LAVATORY	2	1	2
SERVICE SINK	1	2	2
WATER CLOSET, PUBLIC (1.6 GPF)	2	4	8
TOTAL	7		16

VALVE SCHEDULE			
SERVICE	VALVE TYPE	PIPE SIZE	DESCRIPTION
DOMESTIC WATER SERVICE	BALL VALVE	2" & SMALLER	COPPER ALLOY, 2-PIECE, STANDARD PORT, CHROME PLATED BALL, TFE SEAT, LEVER HANDLE, 400 PSIG WOG, MSS SP-110, SOLDERED OR THREADED END
	CHECK VALVE	2" & SMALLER	BRONZE BODY, SPRING TYPE, TFE SEAT, BRONZE DISC, SOLDERED OR THREADED ENDS, MSS SP-80
	UNION	2" & SMALLER	ASTM B16.39, CLASS 150, MALLEABLE IRON, HEXAGONAL STOCK BODY, BRONZE-TO-BRONZE SEAT
NATURAL GAS	BALL VALVE	2" & SMALLER	COPPER ALLOY, 2-PIECE, STANDARD PORT, CHROME PLATED BALL, TFE SEAT, LEVER HANDLE, 400 PSIG WOG, MSS SP-110, AGA APPROVED, ASME B26.33, THREADED END
	UNION	2" & SMALLER	ASTM B16.39, CLASS 150, MALLEABEL IRON, HEXAGONAL STOCK BODY, BRONZE-TO-BRONZE SEAT

IECC TABLE C403.11.3 MINIMUM PIPE INSULATION THICKNESS (in inches)						
FLUID OPERATING TEMPERATURE RANGE AND USAGE (F)	INSULATION CONDUCTIVITY		NOMINAL PIPE SIZE (inches)			
	CONDUCTIVIT Y (BTU / IN.)	MEAN RATING TEMPERATURE (F)	< 1	1 to < 1 1/2	1 1/2 to < 4	4 to < 8
251 - 350	0.29 - 0.32	200	3.0	4.0	4.5	4.5
201 - 250	0.27 - 0.30	150	2.5	2.5	2.5	3.0
141 - 200	0.25 - 0.29	125	1.5	1.5	2.0	2.0
105 - 140	0.21 - 0.28	100	1.0	1.0	1.5	1.5
40 - 60	0.21 - 0.27	75	0.5	0.5	1.0	1.0
< 40	0.20 - 0.26	50	0.5	1.0	1.0	1.5
NOTES:						
1. FOR PIPING SMALLER THAN 1 1/2" INCHES AND LOCATED IN PARTITIONS WITHIN CONDITIONED SPACES, REDUCTION OF THESE THICKNESS BY 1" SHALL BE PERMITTED, BUT NOT TO A THICKNESS LESS THAN 1 INCH.						
2. FOR DIRECT-BURIED HEATING AND HOT WATER PIPING, REDUCTION OF THICKNESSES BY 1 1/2" SHALL BE PERMITTED, BUT NOT LESS THAN 1 INCH						

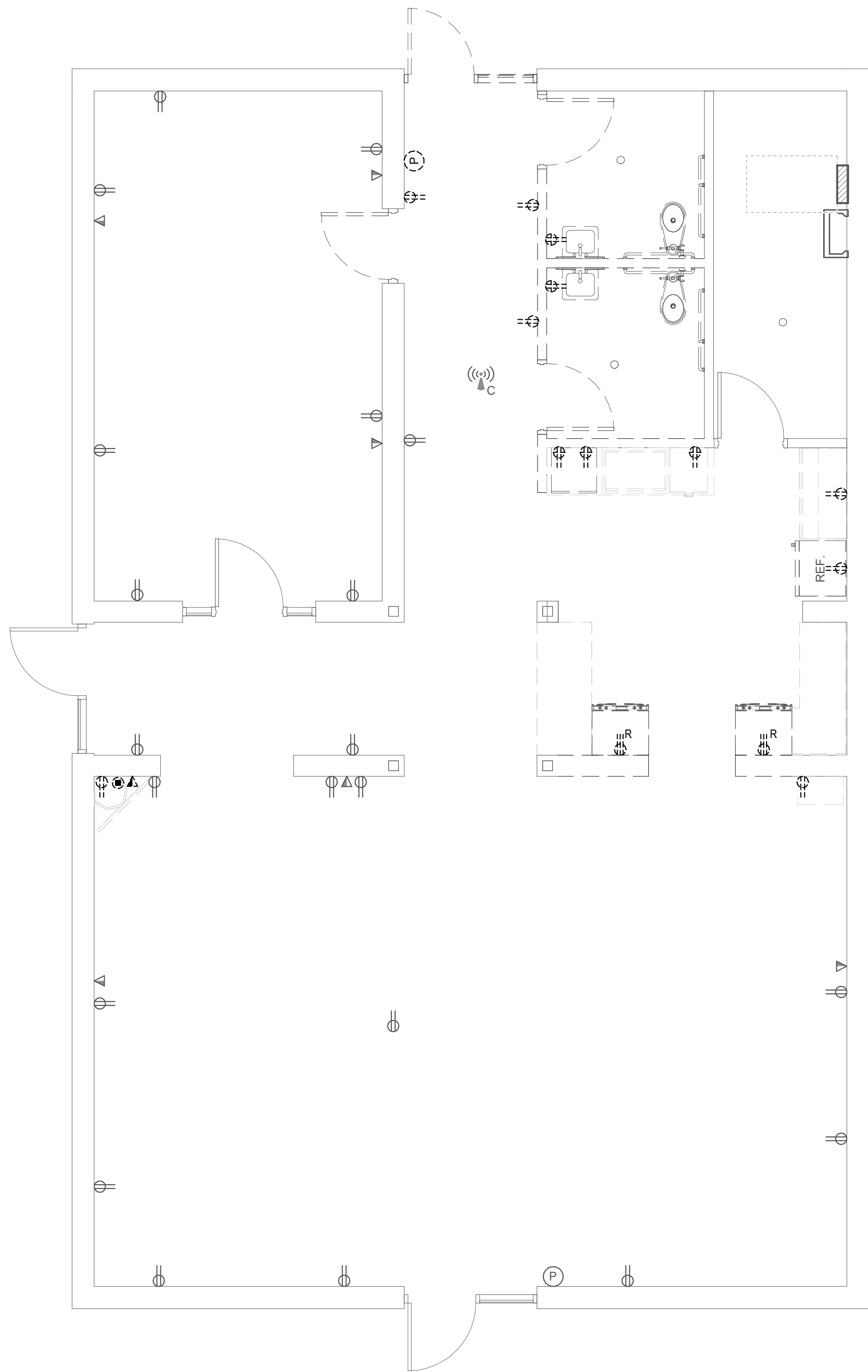
NATURAL GAS REQUIREMENTS						
EQUIPMENT	QUANTITY	SEA LEVEL FUEL GAS INPUT CAPACITY (MBH)	JOB SITE FUEL GAS REQUIREMENTS (CFH)	TOTAL FUEL GAS CAPACITY (CFH)	BRANCH PIPE SIZES (INCHES)	
					2 PSIG	0.5 PSIG
GAS RANGE COOKTOP	1	85.5	96	96	X	3/4"
WATER HEATER	1	40	45	45	X	1/2"
FURNACE	1	99	111	111	X	3/4"
TOTAL:				252	X	1"
BASIS OF DESIGN			NOTES:			
2018 INTERNATIONAL FUEL GAS CODE						

PLUMBING PIPE MATERIAL SCHEDULE				
SERVICE	PIPE MATERIAL	FITTINGS	JOINTS	NOTES
DOMESTIC WATER DISTRIBUTION	TYPE "L" COPPER TUBING	CAST COPPER-ALLOY SOLDER JOINT OR WROUGHT COPPER SOLDER JOINT	LEAD FREE SOLDER	FITTING AND JOINING METHOD APPROVED BY PIPE MANUFACTURER PROVIDE A 2-FT x 3-FT THERMAL EXPANSION LOOP...
	CROSS-LINKED POLYETHYLENE (PEX) SDR 9	LEAD FREE BRASS INSERT OR ENGINEERED PLASTIC INSERT	COPPER CRIMP RING OR COLD EXPANSION	
DRAIN WASTE AND VENT (BELOW GRADE)	SCHEDULE 40 RIGID POLYVINYL CHLORIDE (PVC)	SCHEDULE 40 RIGID PVC JOINT	PIPE JOINT COMPOUND	
DRAIN WASTE AND VENT (ABOVE GRADE)	SCHEDULE 40 RIGID POLYVINYL CHLORIDE (PVC)	SCHEDULE 40 RIGID PVC JOINT	PIPE JOINT COMPOUND	
NATURAL GAS	SCHEDULE 40 BLACK STEEL	CLASS 150 MALLEABLE IRON OR BUTT WELDED STEEL	THREADED TEFLON TAPE	
CONDENSATE DRAIN	SCHEDULE 40 POLYVINYL CHLORIDE (PVC)	PVC SOCKET JOINT	PURPLE PRIMER SOLVENT CEMENT	
ALL PLUMBING MATERIALS SHALL COMPLY WITH THE LATEST APPLICABLE ASTM, CISPI CODES				

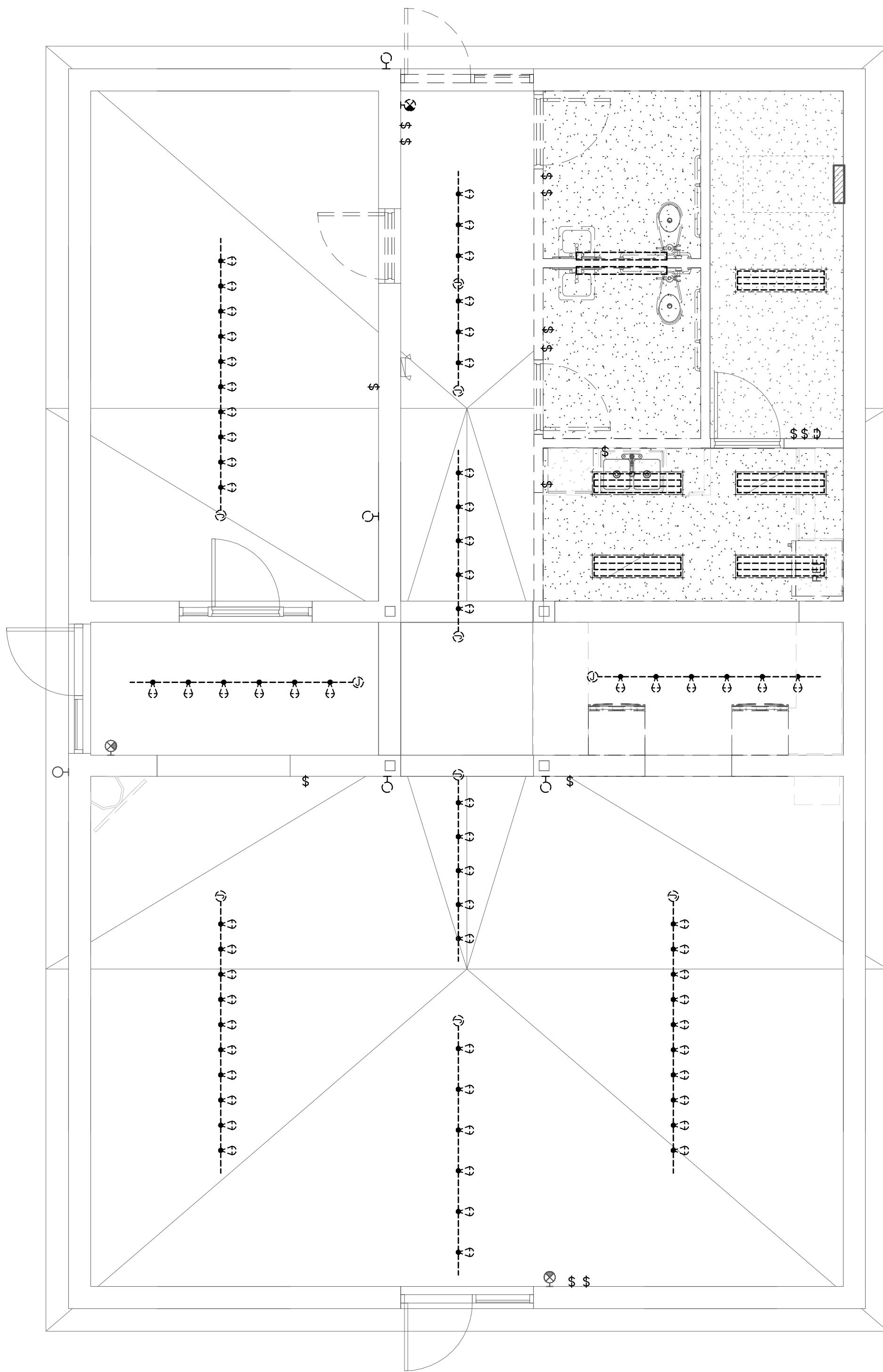
WATER HAMMER ARRESTER SCHEDULE				
ACCEPTABLE MANUFACTURERS:		NOTES:		
SIOUX CHIEF "HYDRA-ARRESTER" MIFAB "MWH" PPP "SC" WATT'S LF02		(1) ANSI / ASSE 1010 LISTED (2) LEAD FREE CONSTRUCTION (3) COPPER TUBE BODY, POLY PISTON, EDPM O-RING (4) MIP THREADED INLET		
SYMBOL	INLET SIZE (INCHES)	PDI SYMBOL	CAPACITY (DFU)	BASIS OF DESIGN MANUFACTURER & MODEL
WHA-A	1/2	A	1-11	SIOUX CHIEF 652-A
WHA-B	3/4	B	12-32	SIOUX CHIEF 653-B
WHA-C	1	C	22-60	SIOUX CHIEF 654-C
WHA-D	1	D	61-113	SIOUX CHIEF 655-D
WHA-E	1	E	114-154	SIOUX CHIEF 656-E
WHA-F	1	F	155-330	SIOUX CHIEF 657-F

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



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



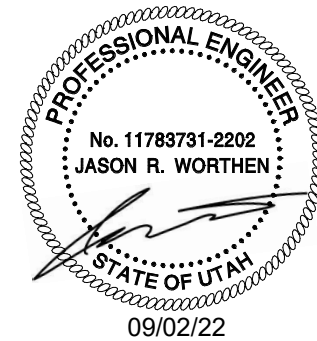
GENERAL SHEET NOTES

- 1 UNLESS NOTED OTHERWISE REMOVE ALL LIGHTING FIXTURES DEVICES AND EQUIPMENT SHOWN DASHED. REMOVE CONDUIT AND WIRING BACK TO PANELBOARD OF ORIGIN OR TO FIRST ACTIVE DEVICE THAT REMAINS.
- 2 SALVAGE ALL LIGHT FIXTURES, TWIST-LOCK RECEPTACLES AND WALLPLATES, CEILING SPEAKERS AND SECURITY AND FIRE ALARM DEVICES TO OWNER. PROTECT SALVAGED EQUIPMENT FROM DAMAGE.
- 3 PRIOR TO SUBMITTING BID, VISIT THE SITE AND FIELD VERIFY THE EXTENT OF ELECTRICAL DEMOLITION WORK TO MEET THE INTENT OF THE BID DOCUMENTS AND INCLUDE ALL COSTS IN BID.
- 4 PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE.
- 5 REMOVE ALL DEVICES, RACEWAYS AND WIRING FROM WALLS TO BE REMOVED. WHERE ACTIVE RACEWAYS OCCUR IN WALLS TO BE REMOVED, RE-ROUTE THE RACEWAY WITH ASSOCIATED WIRING TO KEEP THE CIRCUIT OPERATIONAL.
- 6 REMOVE ALL FIRE ALARM DEVICES WHERE EXISTING WALLS AND CEILINGS ARE BEING REMOVED WITH ASSOCIATED CONDUIT AND WIRING. EXISTING FIRE ALARM DEVICES AND SYSTEM NOT INDICATED FOR REMOVAL SHALL REMAIN ACTIVE THROUGHOUT DEMOLITION AND CONSTRUCTION UNTIL THE NEW SYSTEM IS TESTED AND OPERATIONAL. MAINTAIN ALL CLASS A FIRE ALARM INITIATING AND INDICATING LOOPS WHERE EXISTING DEVICES ARE REMOVED.
- 7 REMOVE ALL ABANDONED RACEWAY, CONDUIT, WIRING AND CABLING WHETHER ABANDONED PREVIOUS TO THIS PROJECT OR AS A RESULT OF THIS PROJECT. NOT ALL ABANDONED ITEMS ARE SHOWN ON THESE PLANS AND FIELD VERIFICATION OF DEMOLITION SCOPE EXTENT IS REQUIRED.
- 8 DEVICES MARKED "RR" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION.
- 9 REFER TO ARCHITECTURAL DRAWINGS FOR REMOVAL OF MOTORS, CONDUIT, CONDUCTOR AND CONTROL WIRING ASSOCIATED WITH EXISTING MOTORIZED DOORS, PARTITIONS AND LIGHTING.
- 10 DEMOLISH ALL WI-FI ACCESS POINTS WHETHER SHOWN ON DRAWINGS OR NOT WITHIN SCOPE OF WORK AREA.
- 11 REMOVE FEEDERS FOR ALL DEMOLISHED PANELS, DISCONNECTS, ETC. BACK TO SOURCE
- 12 ALL ITEMS INDICATED TO REMAIN SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.
- 13 CONTRACTOR TO TRACE AND LABEL ALL EXISTING LOADS TO REMAIN, THAT ARE CURRENTLY FED FROM PANELS THAT ARE BEING DEMOLISHED IN THIS PHASE. THESE LOADS TO BE RE-FED FROM NEW PANELS IN NEXT PHASE.
- 14 ALL HVAC UNITS TO BE REMOVED BY MECHANICAL CONTRACTOR UNLESS NOTED OTHERWISE. REMOVE ALL ASSOCIATED RACEWAYS AND CONDUCTORS BACK TO SOURCE.

SHEET KEYNOTES



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NJRA Project # 27707.00
Construction Documents Sept. 6, 2022

**ELECTRICAL
DEMOLITION
PLAN**

ED101

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
REFERENCE AND LINE SYMBOLS	
	DETAIL INDICATOR. A5 INDICATES DETAIL NUMBER, E-501 INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN.
	ELEVATION OR SECTION INDICATOR, EXTERIOR. A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
	ELEVATION OR SECTION INDICATOR, INTERIOR. A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
	ROOM IDENTIFIER WITH ROOM NAME AND NUMBER.
	KEYNOTE INDICATOR.
	REVISION INDICATOR.
	EQUIPMENT INDICATOR.
	BREAK, STRAIGHT: TO BREAK PARTS OF DRAWING
	BREAK, ROUND
	NEW LINE: MEDIUM LINE.
	HIDDEN FEATURES LINE: HIDDEN, THIN LINE
	EXISTING TO REMAIN LINE: THIN LINE.
	DEMOLITION LINE: DASHED, MEDIUM LINE
WIRING METHODS	
	WIRING.
	WIRING TURNED UP OR TOWARDS OBSERVER.
	WIRING TURNED DOWN OR AWAY FROM OBSERVER.
	SINGLE BRANCH CIRCUIT HOME RUN TO PANELBOARD WITH DEDICATED NEUTRAL CONDUCTOR. LETTER AND NUMBER NOTATION IDENTIFY PANEL AND CIRCUIT NUMBER.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS. NUMBER IN BOX REFERS TO THE CONDUCTOR AND CONDUIT SCHEDULE.
	LOW VOLTAGE WIRING: DIVIDE, MEDIUM LINE.
	CONDUIT STUB. DIMENSION RECORD DRAWINGS AND MARK.
	CONDUCTOR & CONDUIT ("C") SCHEDULE INDICATOR. REFER TO ONE-LINE DIAGRAM.
	ADA ACCESS PUSH PLATE
	JUNCTION BOX.
	JUNCTION BOX, CEILING.
	JUNCTION BOX, SYSTEMS FURNITURE COMMUNICATION CONNECTION.
	JUNCTION BOX, SYSTEMS FURNITURE POWER CONNECTION.
	PULL BOX.
	CABLE TRAY ABOVE ACCESSIBLE CEILING. "A" DENOTES CABLE TRAY WIDTH, "B" DENOTES CABLE TRAY DEPTH. "+C-D" DENOTES CABLE TRAY ELEVATION ABOVE OR BELOW FINISHED SURFACE.
	LADDER RACK.
	CABLE J-HOOKS ABOVE ACCESSIBLE CEILING.
	MECHANICAL EQUIPMENT CONNECTION. REFER TO EQUIPMENT SCHEDULE FOR REQUIREMENTS.
	ELECTRIC VEHICLE CHARGING STATION.
	GROUND BUSBAR. REFER TO GROUNDING RISER DIAGRAM FOR ADDITIONAL INFORMATION.
CCTV	
	CCTV CABLE, POWER.
	CCTV CABLE, VIDEO SIGNAL.
	CCTV HEADEND EQUIPMENT.
	CCTV CAMERA/ENCLOSURE WITH LENS, TYPICAL. SEE SCHEDULE.
	CCTV CAMERA WITH PAN, TILT AND ZOOM.
TV DISTRIBUTION	
	TV DISTRIBUTION CABLE, INDIVIDUAL DROPS.
	TV DISTRIBUTION CABLE, TRUNK.
	DIRECTIONAL COUPLER.
	DISTRIBUTION AMPLIFIER (ONE-LINE DIAGRAM).
	SPLITTER (ONE-LINE DIAGRAM).
	TV OUTLET.
SECURITY	
	SECURITY CABLE. SEE EQUIPMENT SCHEDULE FOR CABLE TYPE.
	ACCESS CONTROL HEADEND EQUIPMENT.
	CARD ACCESS DOOR TYPE #1 OR AS NOTED. SEE SCHEDULE.
	CARD READER.
	KEYPAD/CARD READER COMBINATION.
	PANIC DURESS SWITCH.

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
WIRING DEVICES	
	RECEPTACLE, DUPLEX. NEMA 5-20R.
	RECEPTACLE, DUPLEX, ABOVE COUNTER: NEMA 5-20R.
	RECEPTACLE, DUPLEX, CEILING: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, DRINKING FOUNTAIN. CONCEAL WATER COOLER RECEPTACLE BEHIND WATER COOLER. SEE MECHANICAL/PLUMBING SHOP DRAWINGS FOR INSTALLATION REQUIREMENTS.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER. NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF. NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER. NEMA 5-20R.
	RECEPTACLE, SPECIAL PURPOSE. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG.
	RECEPTACLE, DRYER: NEMA 14-30R.
	RECEPTACLE, RANGE: NEMA 14-50R.
	MULTI-OUTLET ASSEMBLY: NEMA 5-20R.
	DROP CORD. SEE DETAIL.
	FLUSH FLOOR BOX. "F" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
	FLUSH FIRE RATED POKE THRU. "F" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
	SWITCH, DIMMER.
	SWITCH, SINGLE POLE ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, DOUBLE POLE ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, THREE-WAY ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, FOUR-WAY ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, KEY OPERATED.
	SWITCH, WEATHERPROOF.
	RECEPTACLE, SINGLE PLEX, WITH USB OUTLET
	RECEPTACLE, DULEX, RECESSED, NEMA 5-20R, AUTOMATICALLY CONTROLLED THROUGH TIME OR OCCUPANCY BASED CONTROLS (REFER TO PLANS FOR CONTROL METHOD)
	RECEPTACLE, QUADRAPLEX, RECESSED, NEMA 5-20R, AUTOMATICALLY CONTROLLED THROUGH TIME OR OCCUPANCY BASED CONTROLS (REFER TO PLANS FOR CONTROL METHOD)
LIGHTING	
	FIXTURE IDENTIFICATION: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
	FIXTURE IDENTIFICATION: EMERGENCY LIGHTING FIXTURE WITH BATTERY PACK AND/OR GENERATOR AND/OR CENTRALIZED INVERTER AND/OR CENTRALIZED UPS CONNECTION AS INDICATED IN PLANS. (W-3E) INDICATES FIXTURE TYPE AS SCHEDULED.
	EMERGENCY.
	NIGHT LIGHT: DO NOT SWITCH.
	EGRESS DIRECTION ARROW (EXIT SIGNS).
	EXIT SIGN: SINGLE FACE; CEILING MOUNTED
	EXIT SIGN: SINGLE FACE; WALL MOUNTED
	EXIT SIGN: DOUBLE FACE; CEILING MOUNTED
	EXIT SIGN: DOUBLE FACE; WALL MOUNTED
LIGHTING CONTROL	
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, WALL.
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, DIRECTIONAL.
	PHOTOCELL.
	PHOTOCELL, WALL MOUNTED.
	VACANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
	VACANCY SENSOR, DUAL TECHNOLOGY, WALL.
	LOW VOLTAGE DIGITAL LIGHTING CONTROL SWITCH: LETTER "a,b" INDICATES ZONING WHERE SHOWN (REFER TO PLANS, SCHEDULES, AND DETAILS FOR EXACT BUTTON CONFIGURATION AND PROGRAMMING REQUIREMENTS)
	DIGITAL LIGHTING ROOM CONTROLLER
	DIGITAL LIGHTING DIMMING CONTROLLER
	LIGHTING EMERGENCY TRANSFER DEVICE
	LIGHTING SPACE CONTROL TYPE. X INDICATES TYPE. SEE SCHEDULE / DIAGRAM.
STRUCTURED CABLING	
	COMMUNICATIONS DEVICE (1 DATA).
	COMMUNICATIONS DEVICE (1 DATA WALL PHONE).
	COMMUNICATIONS DEVICE (2 DATA).
	COMMUNICATIONS DEVICE (3 DATA).
	COMMUNICATIONS DEVICE (4 DATA).
	COMMUNICATIONS DEVICE WIRELESS ACCESS POINT (2 DATA).

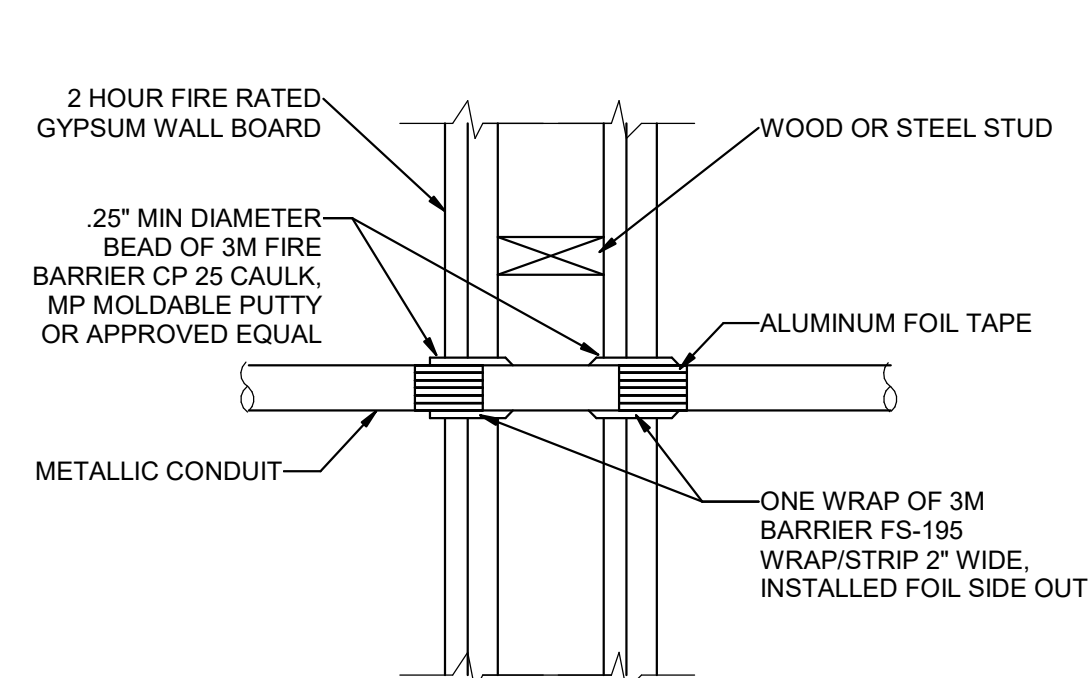
SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
ELECTRICAL POWER AND DISTRIBUTION	
	FUSE WITH RATING (ONE-LINE DIAGRAM).
	DISCONNECT, FUSED (ONE-LINE DIAGRAM).
	DISCONNECT, NONFUSED (ONE-LINE DIAGRAM).
	DISCONNECT WITH FUSE AND MOTOR STARTER COMBINATION (ONE-LINE DIAGRAM).
	OVERLOAD RELAY (ONE-LINE DIAGRAM).
	STARTER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

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
FIRE ALARM	
	FIRE ALARM ANNUNCIATOR PANEL.
	FIRE ALARM CONTROL PANEL, SEMI-RECESSED.
	FIRE ALARM TERMINAL CABINET: NAC, SLC, SPEAKER CIRCUITS, AMPLIFIERS, BATTERIES
	CONTROL PANEL FOR HVAC; SMOKE CONTROL, STAIR PRESSURIZATION.
	VOICE EVACUATION PANEL.
	PRE-ACTION CONTROL PANEL.
	REMOTE VOICE EVACUATION MICROPHONE.
	FIRE PUMP CONTROLLER.
	JOCKEY PUMP CONTROLLER.
	AUTOMATIC DOOR CLOSERS: DOOR CLOSERS SHALL BE FURNISHED WITH DOOR HARDWARE AND CONNECTED BY FIRE ALARM INSTALLER.
	CONTROL MODULE.
	MONITOR MODULE.
	FIRE ALARM MANUAL PULL STATION.
	SHUT DOWN RELAY. INSTALL RELAY IN CONTROL CIRCUIT OF EQUIPMENT TO BE CONTROLLED IN THE EVENT OF A FIRE.
	WATER FLOW SWITCH. FLOW SWITCHES SHALL BE PROVIDED AND INSTALLED BY FIRE SPRINKLER CONTRACTOR AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
	VALVE SUPERVISORY SWITCH, TAMPER SWITCH. TAMPER SWITCHES SHALL BE PROVIDED AND INSTALLED BY FIRE SPRINKLER CONTRACTOR AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
	PRESSURE SUPERVISORY SWITCH. PRESSURE SWITCHES SHALL BE PROVIDED AND INSTALLED BY FIRE SPRINKLER CONTRACTOR AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
	MAGNETIC DOOR HOLDERS.
	DETECTOR, SMOKE.
	DETECTOR, SMOKE, WALL MOUNTED.
	DETECTOR, SMOKE WITH AUXILIARY CONTACT.
	DETECTOR, SMOKE, BEAM RECEIVER.
	DETECTOR, SMOKE, BEAM TRANSMITTER.
	DETECTOR, SMOKE, ELEVATOR RECALL DESIGNATION.
	DETECTOR, SMOKE WITH GUARD.
	DETECTOR, SMOKE, RESIDENTIAL.
	DETECTOR, SMOKE WITH STROBE.
	DETECTOR, SMOKE, RESIDENTIAL WITH SOUNDER BASE.
	DETECTOR, SMOKE, AIR SAMPLING SYSTEM PORT LOCATION.
	DETECTOR, SMOKE, DUCT WITH HOUSING AND SAMPLING TUBE.
	SMOKE DAMPER. 120V POWER FROM ELECTRICAL SYSTEM.
	COMBINATION FIRE/SMOKE DAMPER. 120V POWER FROM ELECTRICAL SYSTEM.
	REMOTE ALARM INDICATING AND TEST SWITCH.
	DETECTOR, HEAT.
	DETECTOR, CARBON MONOXIDE.
	STROBE, WALL MOUNTED. SUBSCRIPT INDICATES CANDELLA RATING.
	ALARM, HORN/SPEAKER, WALL MOUNTED, WEATHERPROOF.
	ALARM, HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY.
	ALARM, HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY. SUBSCRIPT INDICATES CANDELLA RATING.
	ALARM, CHIME/STROBE, WALL MOUNTED, ONE ASSEMBLY.
	ALARM, HORN/STROBE WITH GUARD, WALL MOUNTED, ONE ASSEMBLY.
	ALARM, MINI HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY.
	SPEAKER, WALL MOUNTED, EVACUATION.
	SPEAKER, WALL MOUNTED, EVACUATION, COMBINATION STROBE. SUBSCRIPT INDICATES CANDELLA RATING.
	ALARM, HORN/STROBE, ONE ASSEMBLY, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELLA RATING.
	ALARM, HORN, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELLA RATING.
	SPEAKER/STROBE, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELLA RATING.
	SPEAKER, CEILING MOUNTED.
	ALARM, STROBE, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELLA RATING.
	BELL, ELECTRIC, 120V FROM ELECTRICAL SYSTEM OR 24V FROM FIRE ALARM SYSTEM

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

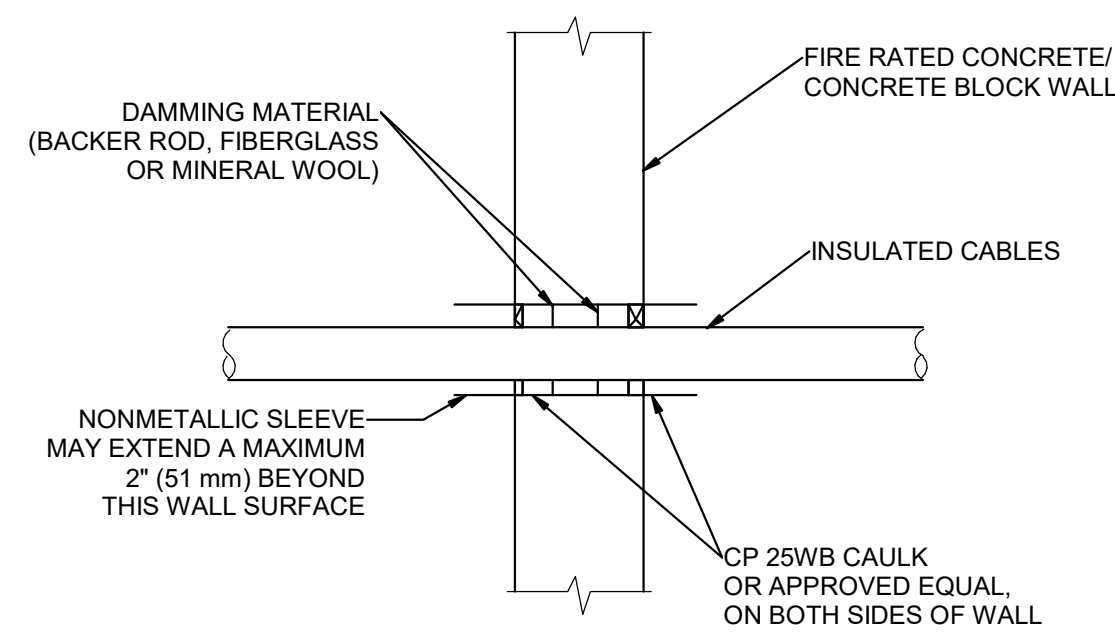
GENERAL ELECTRICAL NOTES	
1.	CLARIFICATION METHODS: AT THE TIME OF BIDDING, BIDDERS SHALL FAMILIARIZE THEMSELVES WITH THE DRAWINGS AND SPECIFICATIONS. ANY QUESTIONS, MISUNDERSTANDINGS, CONFLICTS, DELETIONS, DISCONTINUED PRODUCTS, CATALOG NUMBER DISCREPANCIES, DISCREPANCIES BETWEEN THE EQUIPMENT SUPPLIED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

ELECTRICAL SHEET INDEX	
EE001	SHEET INDEX, ABBREVIATIONS, AND GENERAL NOTES
EE501	ELECTRICAL DETAILS
EE701	TYPICAL MOUNTING HEIGHT DETAILS
EE101	ELECTRICAL DEMOLITION PLAN
EP101	POWER PLAN
EL101	LIGHTING PLAN
EL601	INTERIOR LIGHTING FIXTURE SCHEDULE
EL602	LIGHTING CONTROL SCHEDULES
EY101	AUXILIARY PLAN



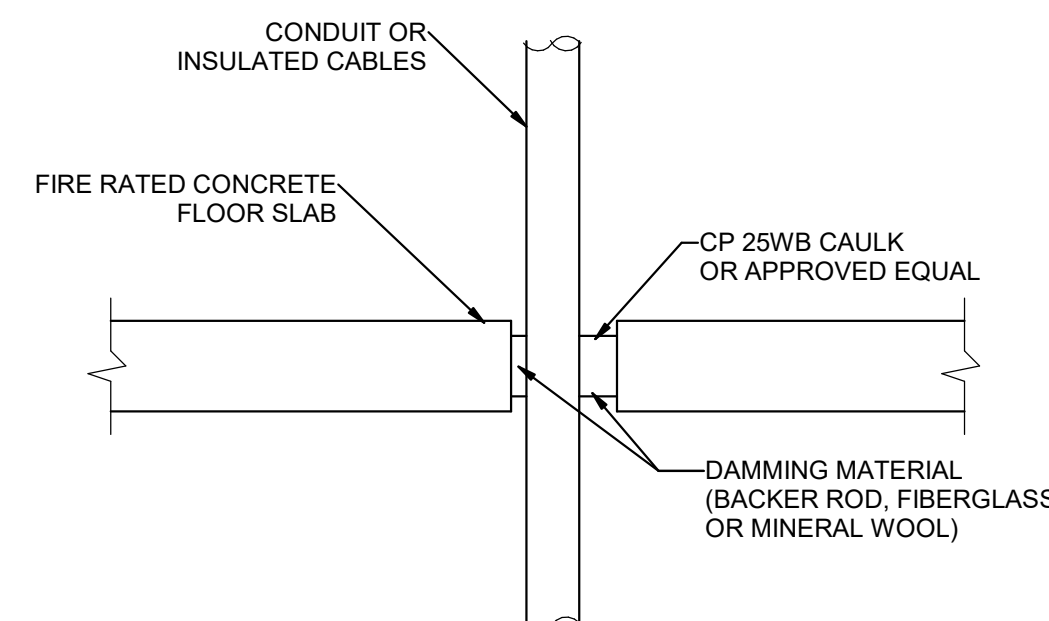
5 FIRE STOP FOR METAL CONDUIT
THROUGH GYPSUM WALL BOARD

SCALE: NTS



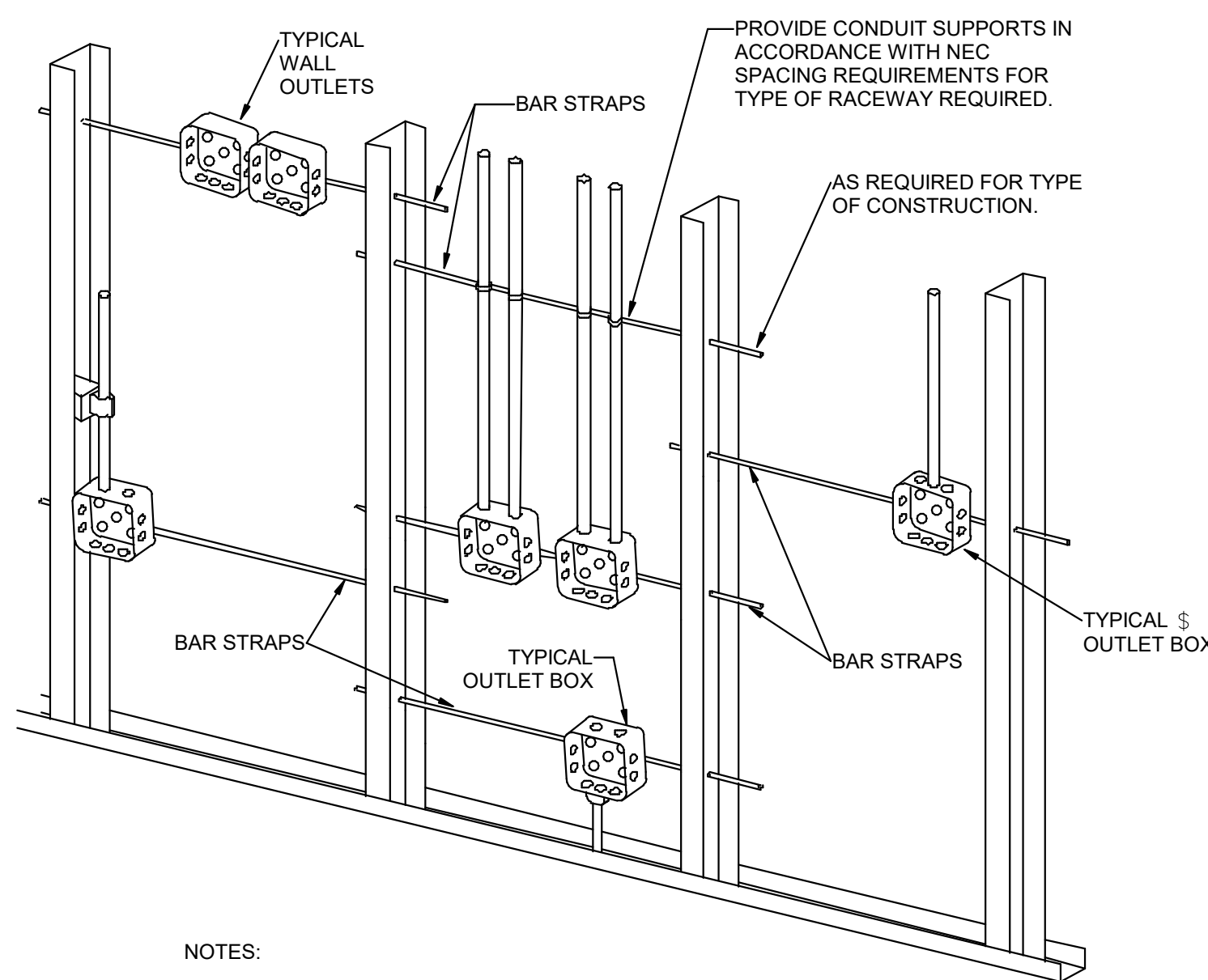
6 TYPICAL FIRE STOP FOR
CABLES/CONDUIT THROUGH
CONCRETE WALLS

SCALE: NTS



7 TYPICAL FIRE STOP FOR
CABLES/CONDUIT THROUGH
CONCRETE FLOORING

SCALE: NTS

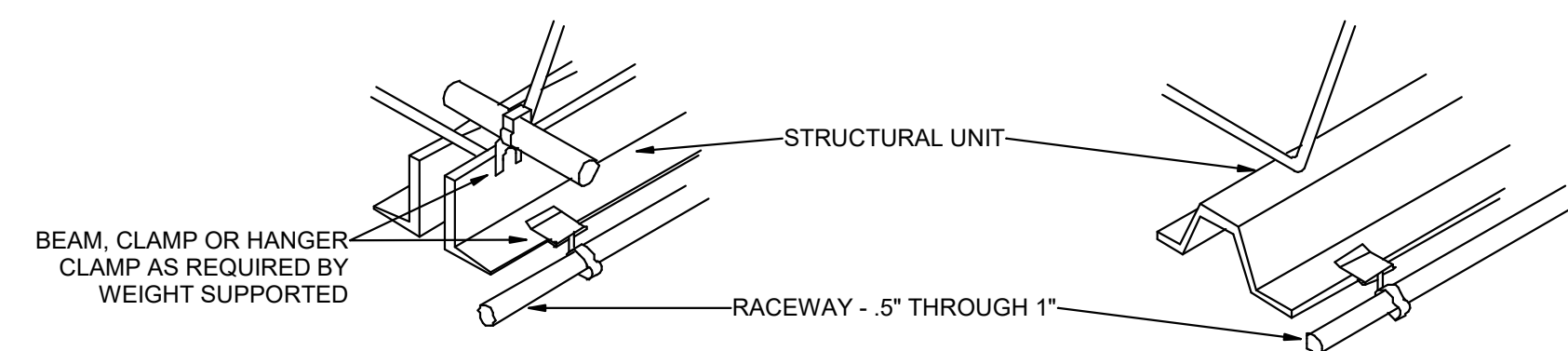
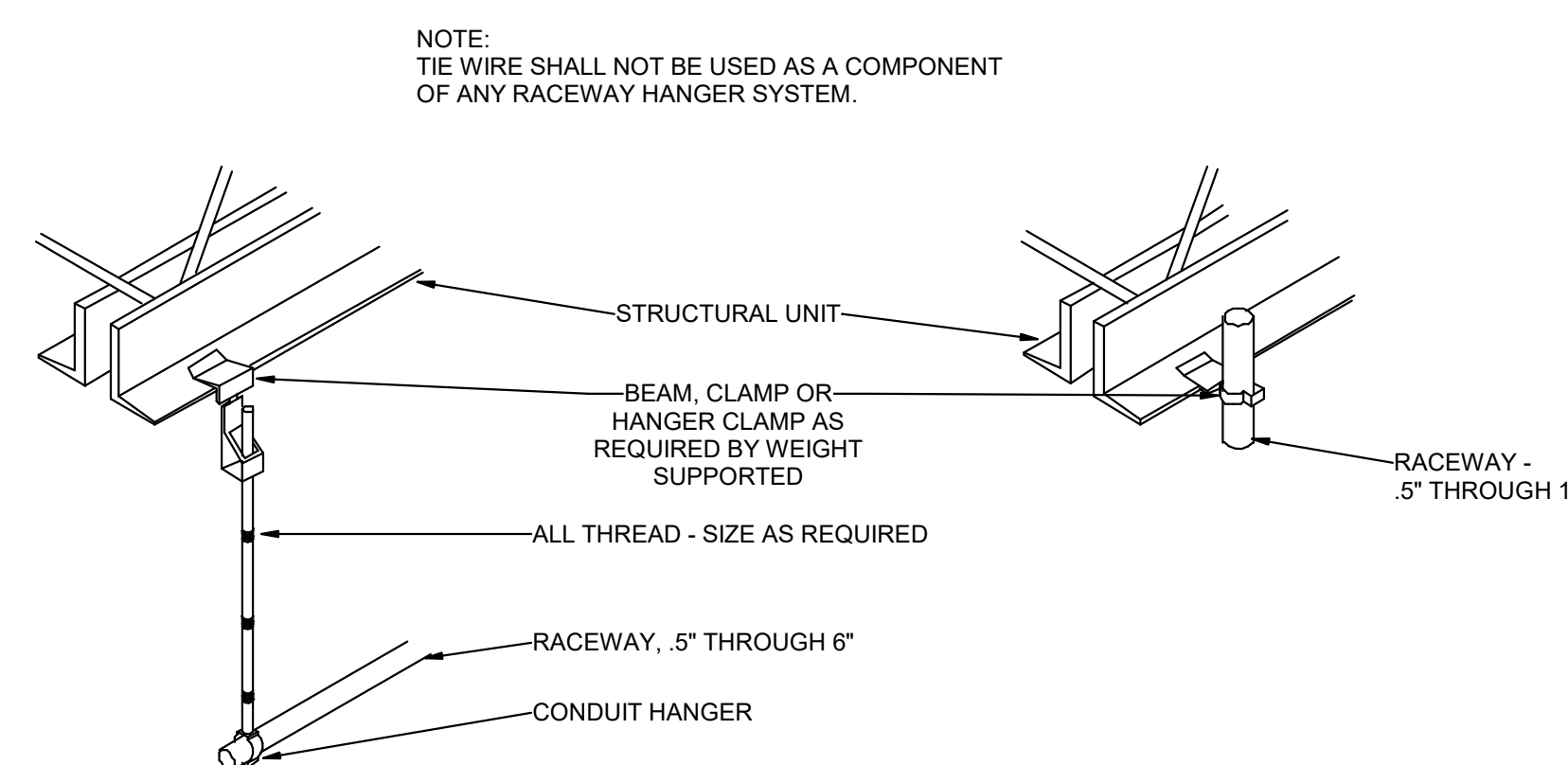


NOTES:

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

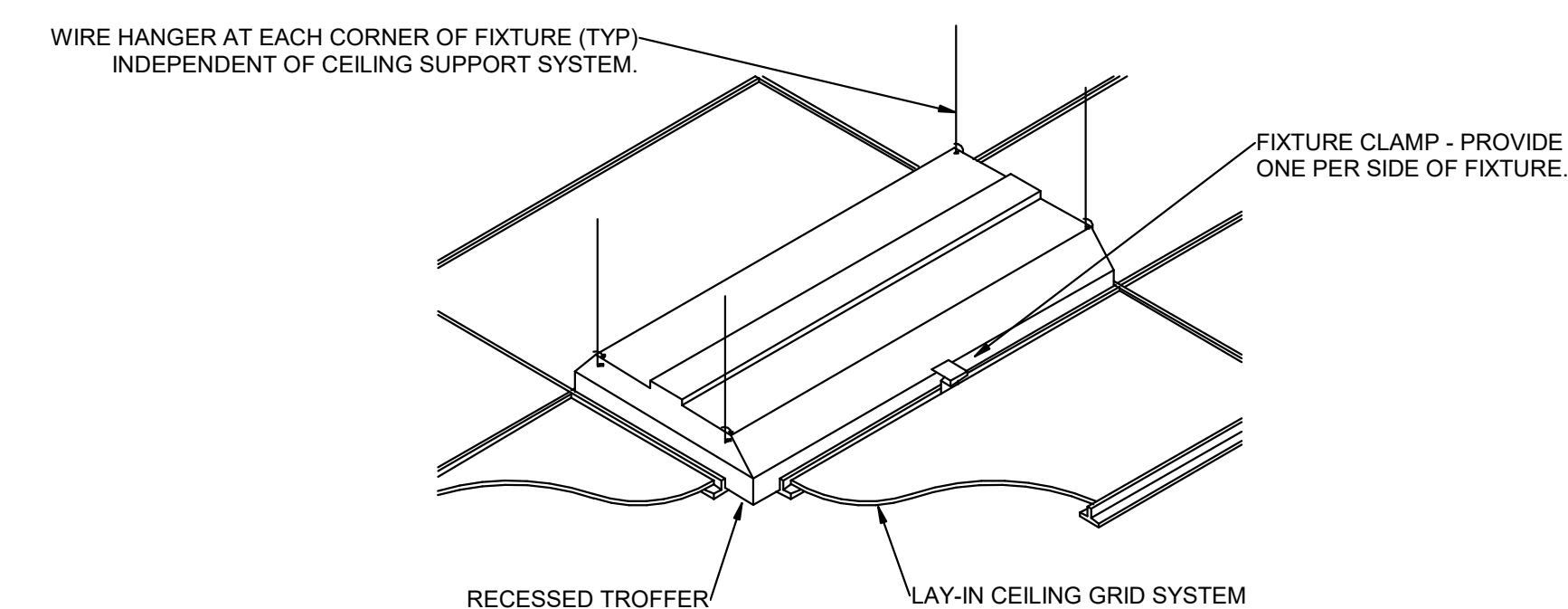
1 TYPICAL ROUGH-IN REQUIREMENTS DETAIL

SCALE: NTS



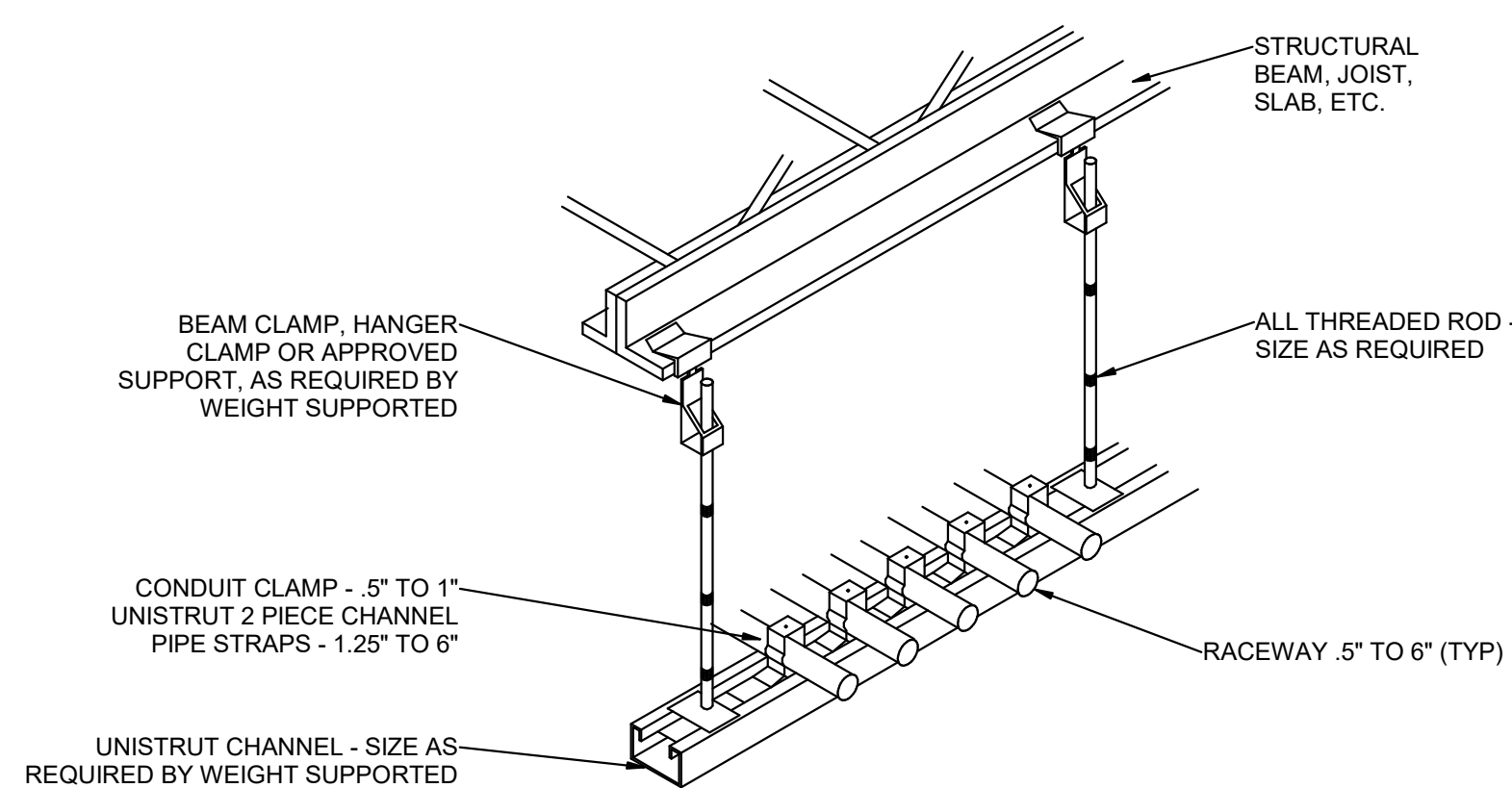
2 TYPICAL RACEWAY SUPPORT METHODS DETAIL

SCALE: NTS



3 RECESSED FIXTURE MOUNTING DETAIL

SCALE: NTS



4 TYPICAL CONDUIT RACK DETAIL

SCALE: NTS

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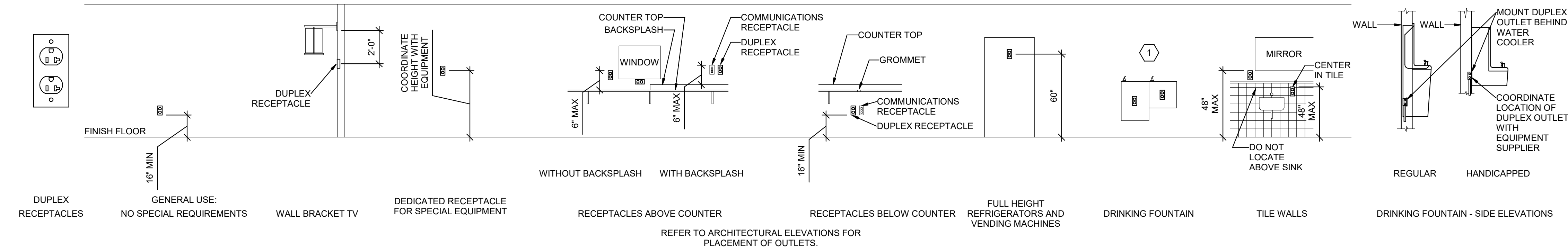
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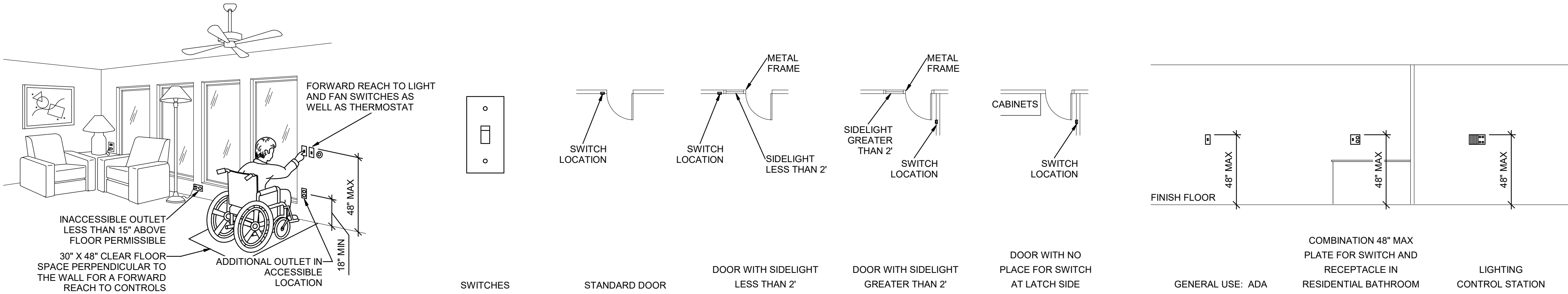
ELECTRICAL
DETAILS

EE501

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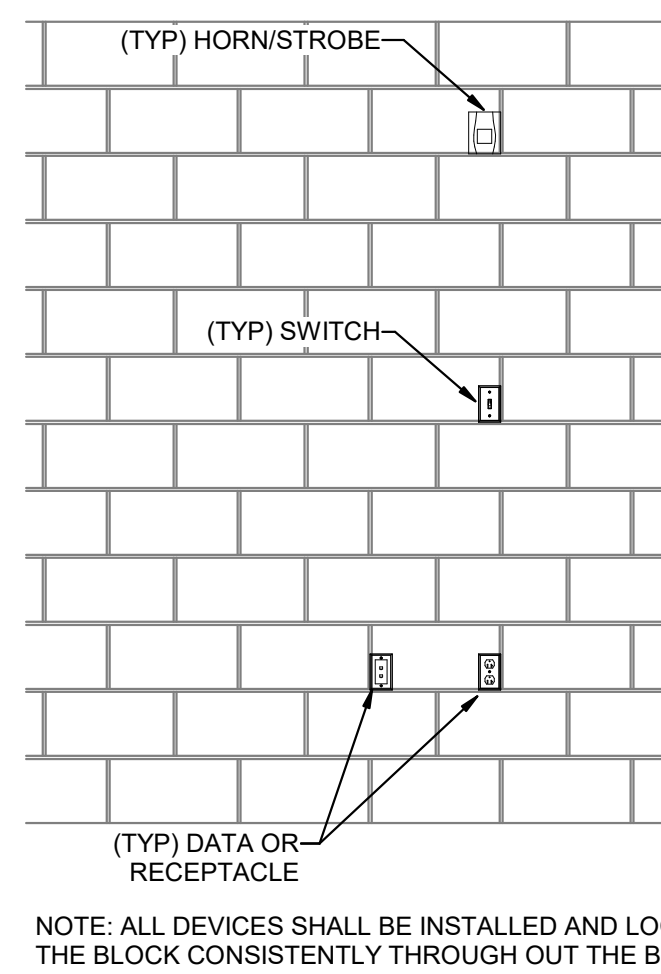


9 RECEPTACLE MOUNTING DETAILS
SCALE: NTS

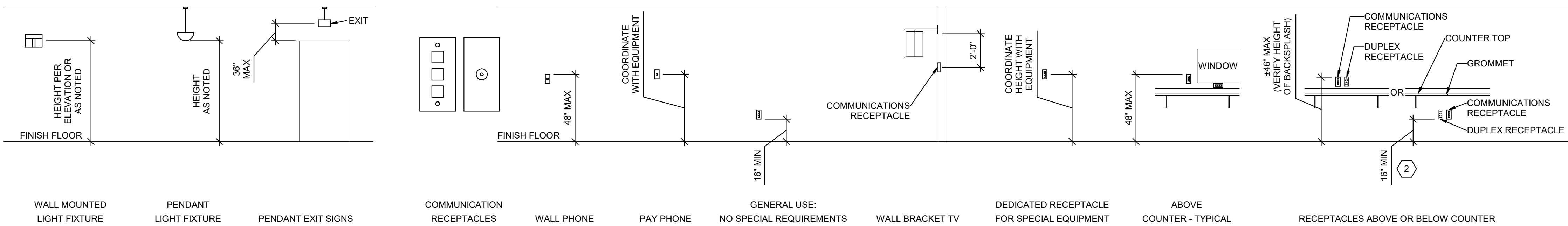


7 ADA DETAIL
SCALE: NTS

8 SWITCH MOUNTING DETAILS
SCALE: NTS

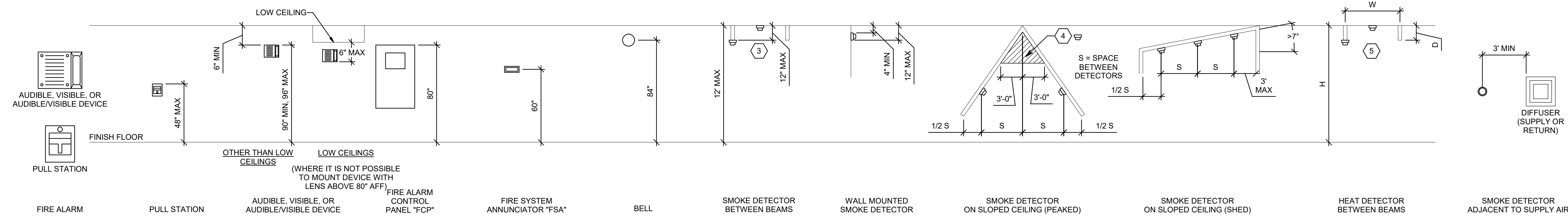


4 CMU DEVICE MOUNTING ALIGNMENT DETAIL
SCALE: NTS

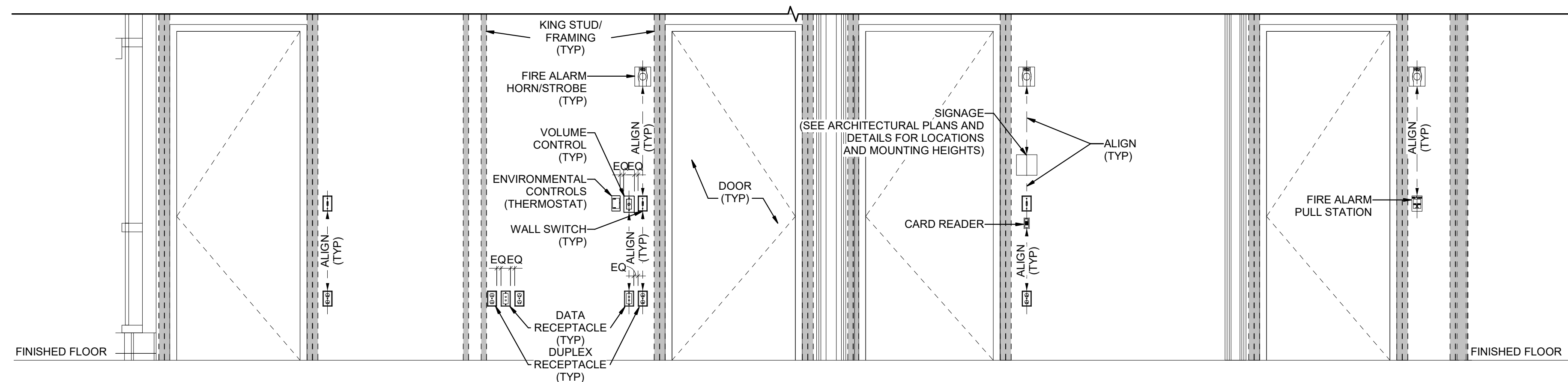


5 LIGHTING MOUNTING DETAILS
SCALE: NTS

6 COMMUNICATIONS MOUNTING DETAILS
SCALE: NTS



3 FIRE ALARM MOUNTING DETAILS
SCALE: NTS



2 TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL
SCALE: NTS

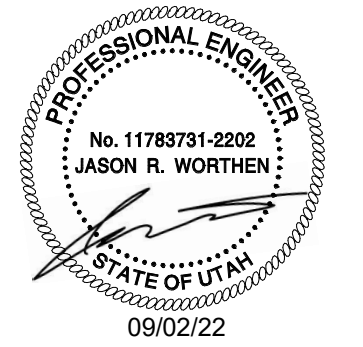
1 BOX MOUNTING DETAILS
SCALE: NTS

GENERAL SHEET NOTES

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



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SHEET KEYNOTES

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

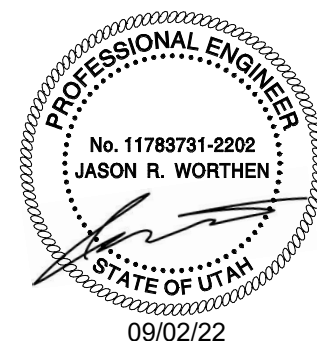
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TYPICAL
MOUNTING
HEIGHT
DETAILS

EE701



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NJRA Project # 27707.00
Construction Documents Sept. 6, 2023

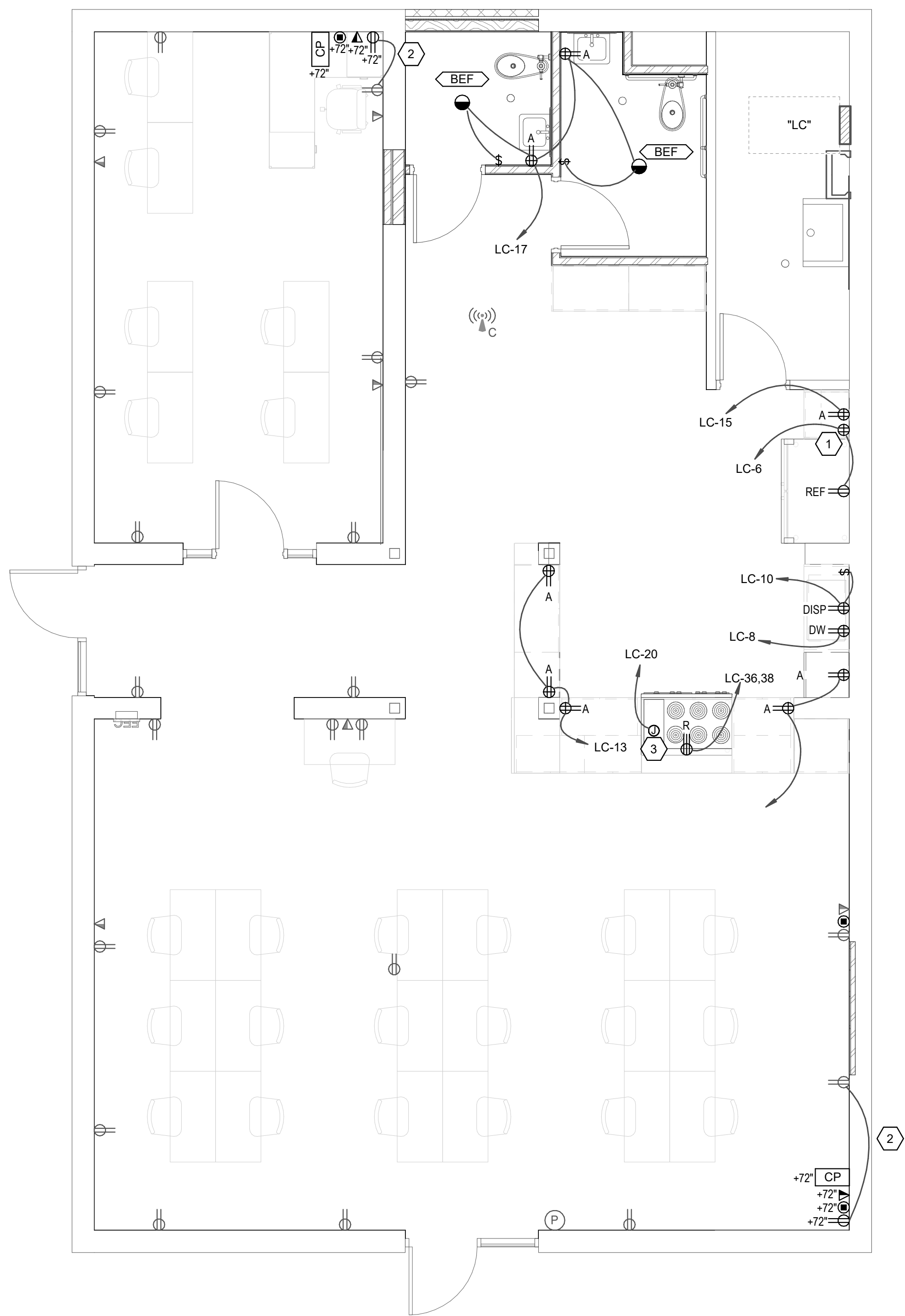
POWER PLAN

EP101

GENERAL SHEET NOTES

SHEET KEYNOTES

- 1 REMOTE GFCI FOR FRIDGE.
2 CONNECT TO EXISTING 120V RECEPTACLE CIRCUIT
3

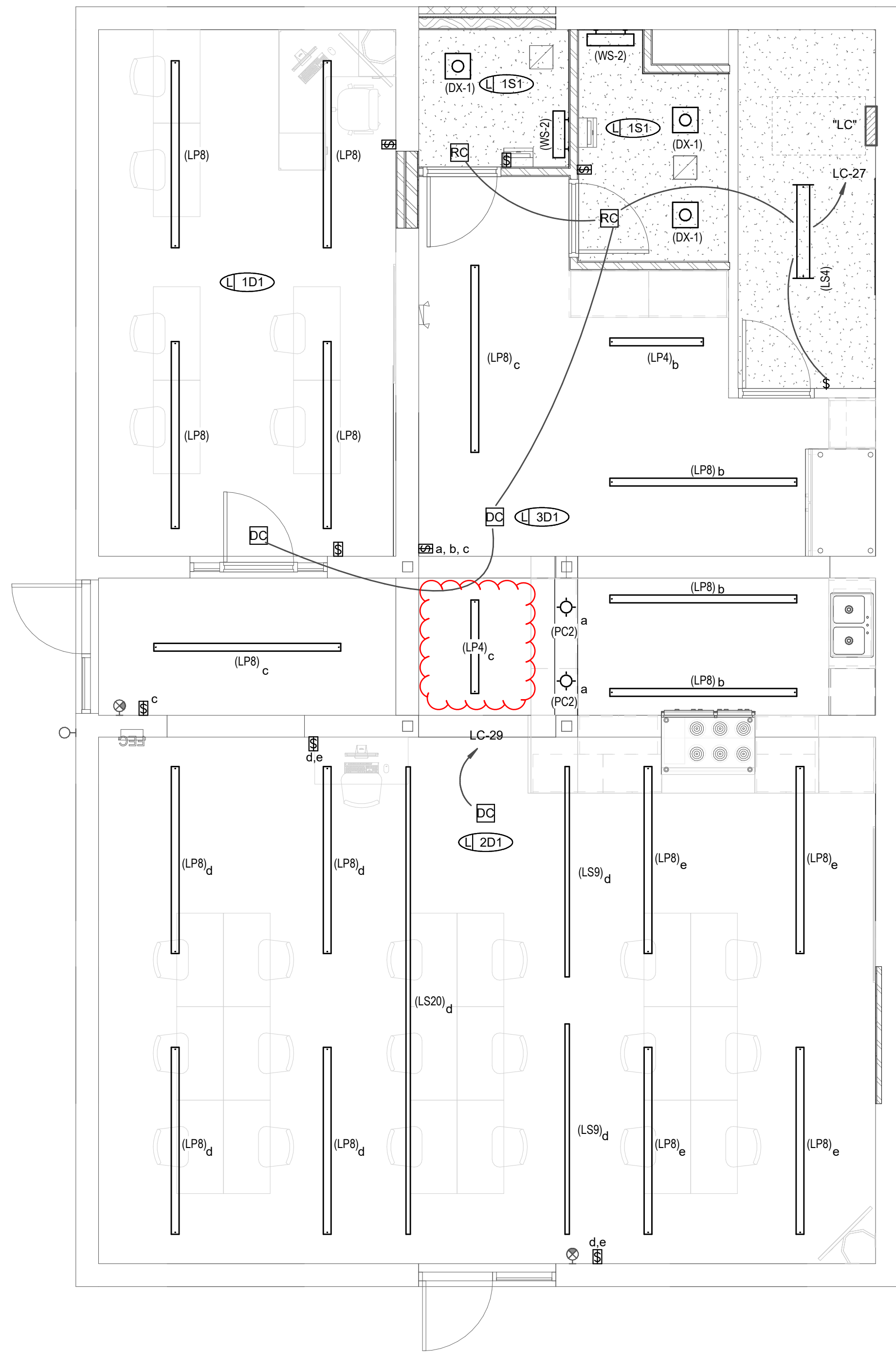


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1 LEVEL 1 POWER PLAN
SCALE: 1/4" = 1'-0"

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

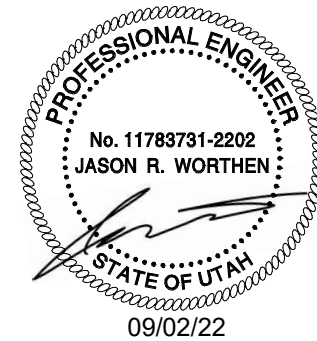


GENERAL SHEET NOTES

SHEET KEYNOTES



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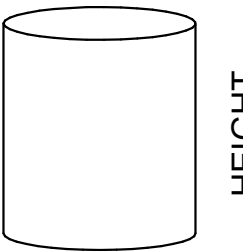
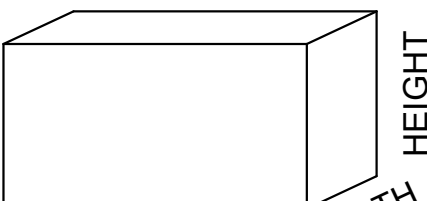
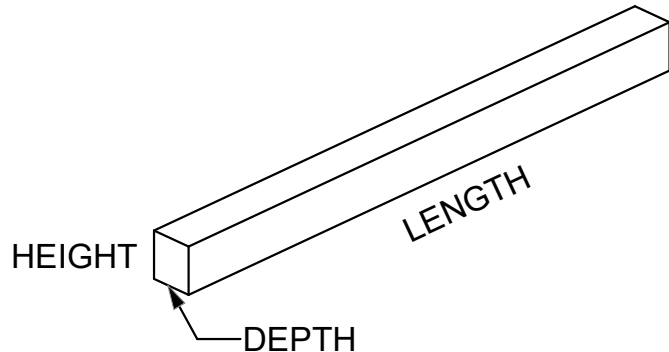
Owner
Utah School for the Deaf and Blind
Activity Center

742 S Harrison Blvd.
Ogden, UT 84404

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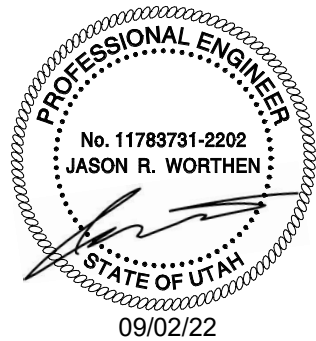
LIGHTING
PLAN

EL101

INTERIOR LIGHTING FIXTURE SCHEDULE														GENERAL NOTES							
ABBREVIATIONS																					
MOUNTING				LUMINAIRE OPTIONS				FINISH				DIFFUSER/LENS				REFLECTOR					
B - BASE C - CEILING F - FLANGE G - GRID P - PENDANT PL - POLE R - RECESSED S - SURFACE W - WALL										ARRH - AIR RETURN AND HEAT REJECTION DL - DAMP LOCATION EOC - EARTHQUAKE CLIPS F - FUSING HLD - HINGED AND LATCHED DOOR HS - HOUSE SIDE SHIELD PS - PHOTOCELL SWITCH QRS - QUARTZ RESTRIKE ST - STATIC WG - WIRE GUARD WL - WET LOCATION			MW - MATTE WHITE BL - BLACK SL - SILVER GL - GOLD CL - CLEAR PW - PAINTED WHITE EA - EXTRUDED ALUMINUM S - STEEL GS - GALVANIZED STEEL C - CAST CSA - COLOR BY ARCHITECT SCBA - STANDARD COLOR BY ARCHITECT CCA - CUSTOM COLOR BY ARCHITECT FS 209D - MEETS FEDERAL STANDARD 209D TP - THERMALLY PROTECTED FL - FLUSH R - REGRESS M - MITERED			#A - ACRYLIC #THICK #OA - ACRYLIC #THICK (OPAL) GC - GLASS (CLEAR) GO - GLASS (OPAL) GF - GLASS (FROSTED) SGL - SOFT GLOW LENS HPL - HIGH PERFORMANCE LENS DO - DROP OPAL CGL - CONVEX GLASS LENS S - SATIN LENS			OP - NONE/OPEN SP - SPECULAR SS - SEMI-SPECULAR D - DIFFUSE (WHITE ENAMEL) SC - SPECULAR (COLORED) PR - PRISMATIC FDR - FULL DEPTH REFLECTOR DS - DIFFUSE (SEMI SPECULAR) SILVER LI - LOW IRIDESCENT IR - IRIDESCENT SL - SILVER GL - GOLD CA - CLEAR ALZAK		
NOTES														1. PROVIDE UNIT PRICES AND FIXTURE BRAND SELECTED FOR ADD/DELETE CHANGES FOR EACH FIXTURE TYPES SHOWN WITHIN 48 BUSINESS HOURS OF THE BID DATE. FAILURE TO COMPLY WITH THIS REQUIREMENT MAY DISQUALIFY THE PRODUCTS AND EMPOWER THE ENGINEER TO DETERMINE FAIR VALUE FOR FIXTURE AND INSTALLATION CHANGES, WITHOUT FURTHER INPUT FROM THE CONTRACTOR OR INSTALLER. 2. CONTRACTOR ALLOWANCE PRICES ARE ACCURATE WHEN THIS JOB WAS SPECIFIED. CONTRACTOR AND ELECTRICAL DISTRIBUTOR SHALL VERIFY THIS ALLOWANCE AND REPORT ANY PROBLEMS TO THE ENGINEER BEFORE THE BID. ALLOWANCE PRICE MAY OR MAY NOT INCLUDE LAMP(S) OR FREIGHT AS NOTED, AND DO NOT INCLUDE ANY TAXES. 3. SUBSTITUTIONS AND/OR EQUAL FIXTURES MUST RECEIVE APPROVAL PRIOR TO BIDDING, THEY MUST BE SUBMITTED TO THE ENGINEER NO LESS THAN 2 WEEKS PRIOR TO BID OPENING. 4. SAMPLES MUST BE PROVIDED FOR ANY AND ALL FIXTURES UPON A/E REQUEST PRIOR TO RELEASING FIXTURES. 5. ALL FIXTURES SHALL BE LISTED AND APPROVED FOR THEIR INTENDED USE AND LOCATION. 6. VERIFY THE PROPER MOUNTING KITS OR ACCESSORIES TO FACILITATE INSTALLATION AS SHOWN AT EACH LOCATION ON THE DRAWINGS. 7. COMPLY WITH THE "INTERIOR LIGHTING" SECTION OF THE SPECIFICATIONS. 8. REFER TO SPECIFICATIONS FOR IMPORTANT TECHNICAL REQUIREMENTS FOR LIGHTING FIXTURES, DRIVERS, AND LAMPS. 9. ALL LIGHT FIXTURES TO BE EITHER "DLC" OR "LIGHTING FACTS" LISTED OR TO BE APPROVED BY ARCHITECT/ENGINEER AND OWNER.							
MANUFACTURER (CATALOG SERIES)																					
ID	DESCRIPTION	LENGTH	DEPTH	HEIGHT	DIAMETER/APERTURE	MOUNTING	TYPE	COLOR TEMP	CRI	DRIVER CONFIGURATION	VOLTAGE	WATTS	FINISH	FIXTURE LUMENS	DIFFUSER/LENS	REFLECTOR	OPTIONS	NOTES			
(DX-1)	6" ROUND, RECESSED LED DOWNLIGHT, SEMI-SPECULAR REFLECTOR, WHITE TRIM FINISH	-	-	-	0" - 6"	CR	LED	3500K		0-10V DIMMING (10%)	120/277	19	-	1500			-				
(LP4)	8" X 4" LINEAR PENDANT, DIRECT/INDIRECT FIXTURE, 80% DIRECT, 20% INDIRECT	4' - 0"	0" - 8"	-	-	CP	LED	3500K	80	LED (0-10V DIMMING)	120/277V	32	-	3301			-				
(LP8)	8" X 8" LINEAR PENDANT, DIRECT/INDIRECT FIXTURE, 80% DIRECT, 20% INDIRECT	8' - 0"	0" - 8"	-	-	CP	LED	3500K	80	LED (0-10V DIMMING)	120/277V	70	-	3301			-				
(LS4)	4' LED STRIP LIGHT, WHITE FINISH	4' - 0"	-	-	-	CS	LED	3500K		NO DIMMING	120/277	42	WH	3000	-	-	-				
(LS9)	3" X 9" LINEAR SURFACE, COLOR BY ARCHITECT	9' - 0"	0" - 3"	-	-	CS	LED	3500K		0-10V DIMMING (1%)	120/277	45	-	4500			-				
(LS20)	3" X 20' LINEAR SURFACE, COLOR BY ARCHITECT	20' - 0"	0" - 3"	-	-	CS	LED	3500K		0-10V DIMMING (1%)	120/277	100	-	10000			-				
(PC2)	9.4" CONE PENDANT					CP	LED	3000K	80	LED (0-10V DIMMING) 1%	120/277V	20		1000							
(WS-2)	3' LED VANITY LIGHT, SATIN CHROME FINISH, 2.25" WIDE	3' - 0"	0" - 2.25"	-	-	WS	LED	3500K		NO DIMMING	120/277	19	-	2000			-				
																		OPTION 1	OPTION 2	OPTION 3	
																		GOTHAM (EVO-35/15-6AR-WD-LSS-MVOLT-EZ10-TWR)	LITON (LH4LD612C034UE-D10L RALD6SWF160-B60-T35)	PORTFOLIO (LD6B15D010/EU6B10208 035/6L BW2H HB26)	
																		LITHONIA (GRD)	-	-	
																		LITHONIA (GRD)	-	-	
																		LITHONIA (ZL1D)	DAYBRITE (FSS 4 30L 835 UNV DIM)	METALUX (4SNLED-LD4-30SL-LW-U NV-L840-CD1-U)	
																		PINNACLE (EX3D)	NULITE (RR4)		
																		PINNACLE (EX3D)	NULITE (RR4)		
																		COORDINATE SUSPENSION EIGHT WITH OWNER	CASTLE (PENDANT CONE)		
																		EDGE LIGHT (TW12-S11-RE-36"-35K-C H)	EUREKA (3541-35-LED-17-40-120/277-SC-WH)	LBL (LW496-OP-XX-LED-277)	



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Construction Documents Sep. 6, 2022

INTERIOR
LIGHTING
FIXTURE
SCHEDULE

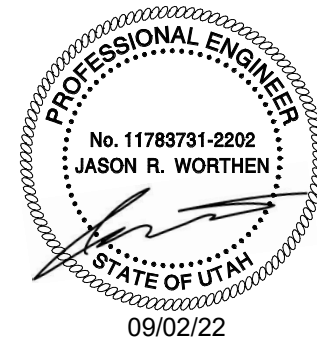
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WIRING LEGEND		APPROVED MANUFACTURERS	LIGHTING CONTROL ID	GENERAL NOTES															GENERAL NOTES								
— LINE VOLTAGE WIRING - - - - 0-10V WIRING ----- CAT5E CABLING — WIRING BY OTHERS ○-○ TWP SEGMENT NETWORK CABLING		1. WATTSTOPPER (BASIS OF DESIGN) 2. NLIGHT 3. HUBBELL BUILDING AUTOMATION 4. GREENGATE	1. # = NUMBER OF ZONES 2. D = DIMMING, S = SWITCHING 3. P = DAYLIGHT PHOTOCCELL 4. L = PLUG LOAD CONTROLLER 5. # = INSTANCE	1. COORDINATE INITIAL PROGRAMMING WITH OWNER AND MODIFY CONTROL TIMES AND OPERATION AS REQUESTED BY OWNER. 2. PROVIDE FINE TUNING PROGRAMMING AND ADJUSTMENTS UPON REQUEST BY OWNER WITHIN FIRST 6 MONTHS AFTER SUBSTANTIAL COMPLETION. 3. PROVIDE CUSTOMIZED ENGRAVED PERMANENT BUTTON LABELS ON EACH SWITCH, LABEL TO MATCH BUTTON LABEL ID OR AS DIRECTED BY OWNER. 4. PART NUMBERS SHOWN ARE BASED ON WATTSTOPPER AS THE BASIS OF DESIGN. ALL APPROVED MANUFACTURERS ARE SUBJECT TO MEETING ALL FUNCTIONS AND CAPABILITIES OF THE BASIS OF DESIGN SYSTEM AND PRODUCTS. FAILURE TO MEET THESE SHALL REQUIRE THE CONTRACTOR TO PROVIDE A SYSTEM THAT DOES AT NOT ADDITIONAL COST.															5. REFER TO PLANS FOR LOCATIONS AND QUANTITIES OF DEVICES. 6. INSTALL ONE OF EACH CONTROL TYPE WITH PROGRAMMING, ADJUST, AND OBTAIN OWNERS APPROVAL PRIOR TO PROGRAMMING THE REMAINING CONTROLS. 7. WIRING MAY VARY BETWEEN MANUFACTURERS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE REQUIRED WIRING THAT WILL BOTH MEET THE MANUFACTURERS REQUIREMENTS AND MATCH WITH THE SHOWN SYSTEM. 8. PROVIDE COMPLETE SHOP DRAWING SUBMITTALS INCLUDING OCCUPANCY SENSOR LAYOUT AND COVERAGE PATTERNS. PROVIDE ADDITIONAL SENSORS AS REQUIRED FOR 100% COVERAGE OF SPACES WITH OCCUPANCY SENSOR CONTROL.								
ID	DETAIL		LIGHTS ON CONTROL	LIGHTS OFF CONTROL	LIGHTING CONTROL TYPE	DAYLIGHT SENSOR SETTING (FC)	TIME DELAY TO OFF (MIN.)	BAS AUX RELAY SIGNAL	PLUG LOAD CONTROLLER	NETWORKED CONTROLS	BUTTON_1	BUTTON_2	BUTTON_3	BUTTON_4	BUTTON_5	BUTTON_6	BUTTON_7	BUTTON_8	BUTTON_9	NOTES							
1D1			MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	DIMMING 0-10V	-	15	RELAY CLOSED ON OCCUPANCY	-	-	FUNCTION: PRESS TOP-ON, HOLD TOP-RAISE LABEL ID: TOP- "ON/RAISE" BOTTOM-"OFF/ LOWER"	-	-	-	-	-	-	-	-								
1S1			MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	ON/OFF	-	15	RELAY CLOSED ON OCCUPANCY	-	-	FUNCTION: PRESS-ON PRESS-OFF LABEL ID:"ON/OFF"	-	-	-	-	-	-	-	-								
2D1			MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	DIMMING 0-10V	-	15	RELAY CLOSED ON OCCUPANCY	-	-	TOGGLE PRESS TOP-ON, PRESS BOTTOM-OFF, HOLD TOP-RAISE, HOLD BOTTOM-"OFF/ LOWER"	FUNCTION: PRESS- PRESET SCENE #01 ZONE "a" 75% ZONE "b" 75% LABEL ID: "PRE #1"	FUNCTION: PRESS- PRESET SCENE #02 ZONE "a" 0% ZONE "b" 50% LABEL ID: "PRE #2"	FUNCTION: PRESS- SELECT ZONE "a" FOR DIMMING LABEL ID: "ZONE a"	FUNCTION: PRESS- SELECT ZONE "b" FOR DIMMING LABEL ID: "ZONE b"	-	-	-	-								
3D1			MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	DIMMING 0-10V	-	15	RELAY CLOSED ON OCCUPANCY	-	-	FUNCTION: PRESS TOP-ON, HOLD TOP-RAISE, PRESS BOTTOM-OFF, HOLD BOTTOM-LOWER LABEL ID: TOP- "ON/RAISE" BOTTOM-"OFF/ LOWER"	FUNCTION: PRESS- PRESET SCENE #01 ZONE "a" 0% ZONE "b" 50% ZONE "c" 100% LABEL ID: "PRE #1"	FUNCTION: PRESS- SELECT ZONE "a" FOR DIMMING LABEL ID: "ZONE a"	FUNCTION: PRESS- SELECT ZONE "b" FOR DIMMING LABEL ID: "ZONE b"	FUNCTION: PRESS- SELECT ZONE "c" FOR DIMMING LABEL ID: "ZONE c"	-	-	-	-								



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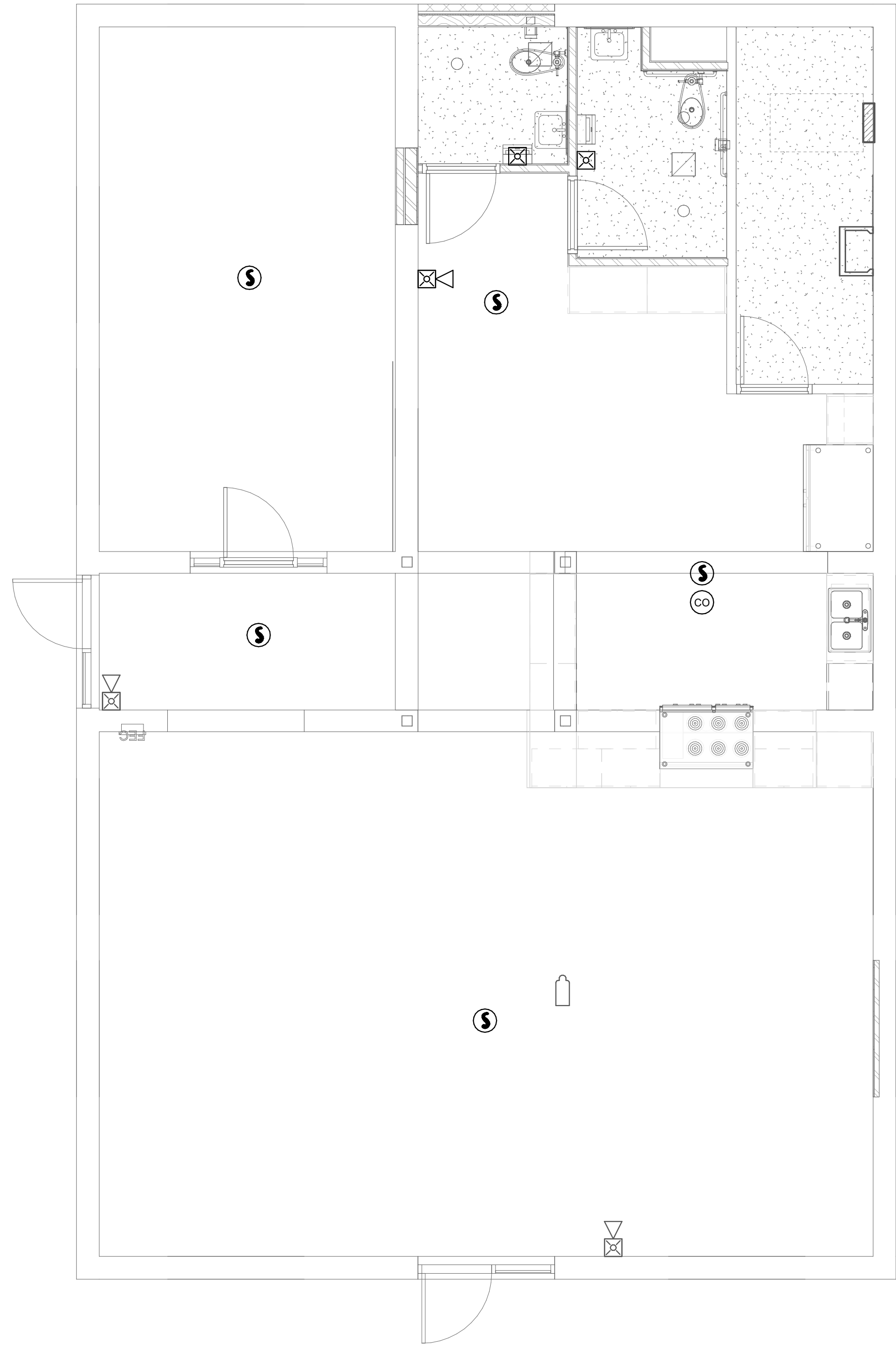
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LIGHTING
CONTROL
SCHEDULES

EL602



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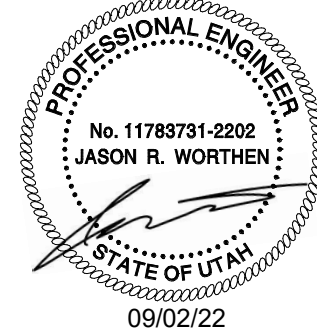
1 LEVEL 1 AUXILIARY PLAN
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

○ SHEET KEYNOTES



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AUXILIARY
PLAN

EY101