

Owner

Utah School for the Deaf and Blind Activity Center

742 S Harrison Blvd.
Ogden, UT 84404

Construction Documents



DESIGN TEAM

ARCHITECT

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SPECTRUM ENGINEERS

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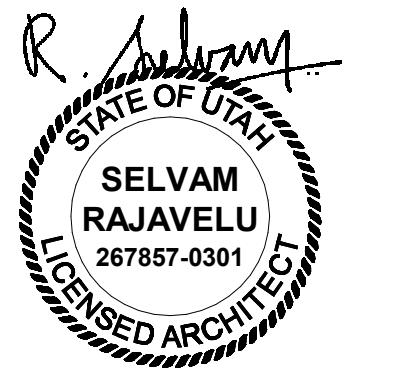
Utah School for the Deaf and Blind

Activity Center

NJRA Project # 27707.00
Construction Documents Sept 02, 2022

Cover Sheet

G001



Owner
Utah School for the Deaf and Blind
Activity Center

742 S Harrison Blvd.
Ogden, UT 84404

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General
Information

G002

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

ABBREVIATIONS

&	AND	DWL.	DOWEL	INT.	INTERIOR	P.S.F.	POUNDS PER SQUARE FOOT	V.C.P.	VITREOUS CLAY PIPE
ø	AT	DN.	DOWN	INV.	INVERT	R		W	
Ø	DIA-METER	D.S.	DOWN SPOUT			RAD.	RADIUS	W.C.	WATER CLOSET
(E), EXIST.	EXISTING	D.W.V.	DRAINAGE WASTE VENT	J		REC.	RECOMMENDATION	W.H.	WATER HEATER
(N)	NEW	DWG.	DRAWING	JAN.	JANITOR	REG.	REGISTER	W.R.	WATER-RESISTANT
d	PENNY			JT.	JOINT	REQ'D	REQUIRED	W.R.P.	WATERPROOF
#	POUND OR NUMBER	E	EACH	JST.	JOIST	R.A.	RETURN AIR	W.W.F.	WELDED WIRE FABRIC
A		E.W.C.	ELEC. WATER COOLER	L	LAMINATED	REV.	REVISION	W.F.	WIDE FLANGE
AC	ACOUSTIC	EL/ELEC.	ELECTRIC	LAM.	LAMINATED	R.D.	ROOF DRAIN	W.D.	WINDOW
ADD	ADDENDUM	ELEV.	ELEVATION	LDG.	LANDING	RFG.	ROOFING	W/	WITH
A/C	AIR CONDITIONING	EQ.	EQUAL	LAV.	LAVATORY	RM.	ROOM	W/O	WITHOUT
ALT.	ALTERNATE	EQUIP.	EQUIPMENT	LT.	LIGHT	RGH.	ROUGH	WD.	WOOD
AL	ALUMINUM	EXH.	EXHAUST	LWC.	LIGHT WEIGHT CONCRETE	RND.	ROUND		
A.B.	ANCHOR BOLT	EXIST.	EXISTING	LVR.	LOUVER				
ARCH.	ARCHITECTURAL	E.J.	EXPANSION JOINT						
ASP.	ASPHALT	EXT.	EXTERIOR						
		F	FEET						
B	BSMT.	FIELD	FIELD VERIFY						
B.M.	BENCHMARK	FIN.	FINISHED						
BLKG.	BLOCKING	F.E.	FIRE EXTINGUISHER						
BD.	BOARD	F.E.C.	FIRE EXTINGUISHER CABINET						
B.O.	BOTTOM OF	FIXT.	FIXTURE						
BLDG.	BUILDING	FL.	FLASHING						
C									
CABT.	CABINET	G	GALVANIZED						
CIP.	CAST IN PLACE	GA.	GAUGE						
C.B.	CATCH BASIN	G.C.	GENERAL CONTRACTOR						
CLG.	CEILING	G.S.N.	GENERAL STRUCTURAL NOTES						
CL	CENTER LINE	GL.	GLASS						
C.T.	CERAMIC TILE	GD.	GRADE						
CH	CHANNEL	GRL.	GRILLE						
C.O.	CLEAN OUT	GRD.	GROUND						
CLR.	CLEAR	GYP.	GYPSUM						
CL.	CLOSET								
COL.	COLUMN	H							
CONC.	CONCRETE	HDWD.	HARDWARE						
CMU	CONCRETE MASONRY UNIT	HDWD.	HARDWOOD						
COND.	CONDITION	HTR.	HEATER						
CONN.	CONNECTION	HT.	HEIGHT						
CONST.	CONSTRUCTION	H.M.	HOLLOW METAL						
CONT.	CONTINUOUS	HORIZ.	HORIZONTAL						
CJ	CONTROL JOINT	H.B.	HOSE BIB						
D.P.	DAMP PROOFING	H.W.	HOT WATER						
D.B.	DECK BEARING	HR.	HOUR						
DIAG.	DIAGONAL	I	INCH						
DIA.	DIA-METER	IN.	INCH						
DIM.	DIMENSION	I.D.	INSIDE DIAMETER						
DISP.	DISPENSER	INSUL.	INSULATION						

DEFERRED SUBMITTALS

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

1. DETAILS AND ENGINEERING CALCULATIONS FOR ALL NON-STRUCTURAL COMPONENTS THAT ARE PERMANENTLY ATTACHED TO STRUCTURES AND THEIR SUPPORTS AND ATTACHMENTS. THESE SHALL BE DESIGNED AND CONSTRUCTED TO RESIST THE EFFECTS OF EARTHQUAKE MOTIONS IN ACCORDANCE WITH ASCE 7-05. REFERENCE IBC SECTION 1613.2 WHICH INCLUDES:

- ELECTRICAL SYSTEMS
- MECHANICAL SYSTEMS
- PLUMBING SYSTEMS
- DECORATIVE ARCHITECTURAL COMPONENTS.

2. DETAILS AND ENGINEERING CALCULATIONS FOR THE FIRE SPRINKLER AND FIRE DETECTION SYSTEMS, WHICH ARE TO BE DESIGN-BUILD BY THE CONTRACTOR TO COMPLY WITH NFPA 13 AND SHALL INCLUDE:

- FIRE ALARM PLANS (INCLUDING CO DETECTOR LOCATIONS)
- AUTOMATIC FIRE SPRINKLER PLANS
- HOOD FIRE SUPPRESSION
- CLASS 'K' FIRE EXTINGUISHER LOCATION(S)

VICINITY MAP



DRAWING INDEX

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

G111	Code Compliance Plan, General Information, & Legend
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ARCHITECTURAL	
A111	Demolition Floor Plan & Reflected Ceiling Plan
A112	Floor Plan & Dimension Floor Plan
A113	Reflected Ceiling Plan
A116	Finish & Floor Pattern Plan

A202	Exterior Elevations
A251	Interior Elevations
A252	Interior Elevations

A351	Wall Sections
A501A	Wall Types
A502A	Wall Details
A502B	Wall Details
A503A	Ceiling Details
A505A	Cabinet Legend & Details
A505B	Cabinet Details
A505C	Cabinet Details
A506A	Details

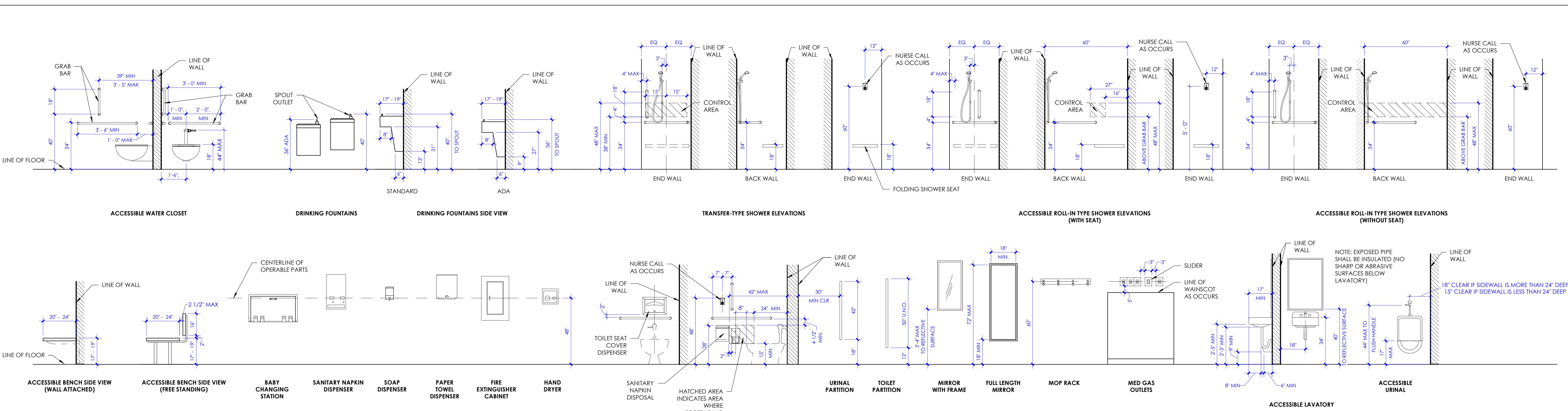
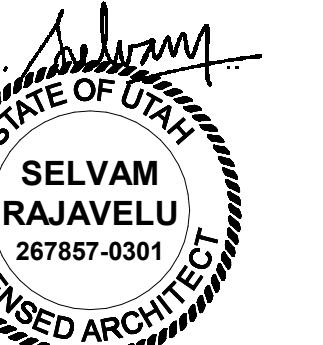
A601A	Door Schedule & Details
A603A	Finish Schedule & Details

MECHANICAL	
M001	Mechanical Drawing
M101	Mechanical Drawing
M102	Mechanical Drawing
M111	Mechanical Drawing
M112	Mechanical Drawing
M201	Mechanical Drawing
M202	Mechanical Drawing
M212	Mechanical Drawing
M301	Mechanical Drawing
M401	Mechanical Drawing
M402	Mechanical Drawing
M501	Mechanical Drawing
M601	Mechanical Drawing
M701	Mechanical Drawing

MP101	Mechanical Drawing
MP102	Mechanical Drawing
MP111	Mechanical Drawing
MP112	Mechanical Drawing

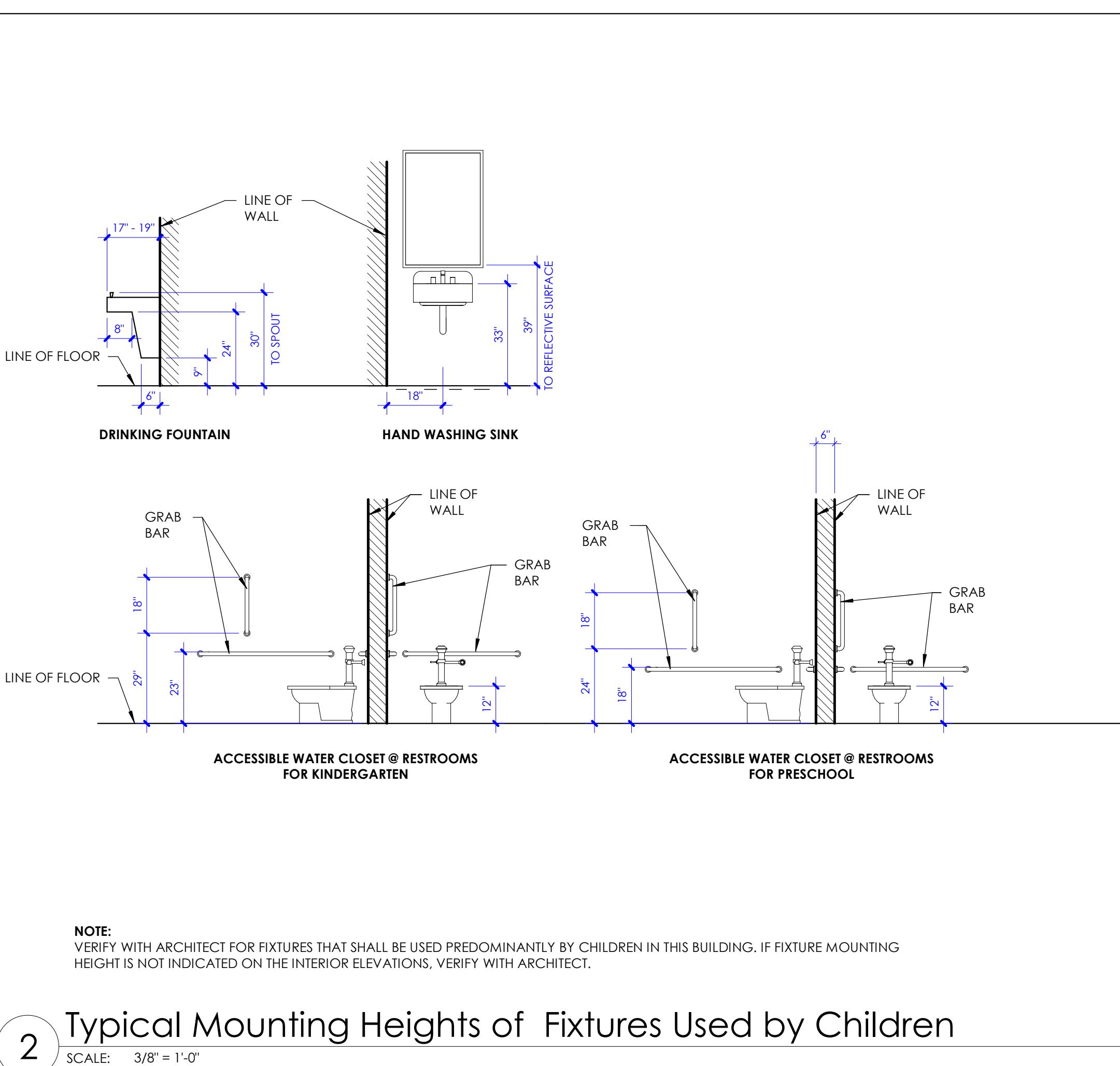
ELECTRICAL	
ED101	Electrical Demolition Plan
EE001	Sheet Index, Abbreviations, and General Notes
EE501	Electrical Details
EE701	Typical Mounting Height Details

EP101	Power Plan
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1 Typical Mounting Heights

SCALE: 3/8" = 1'

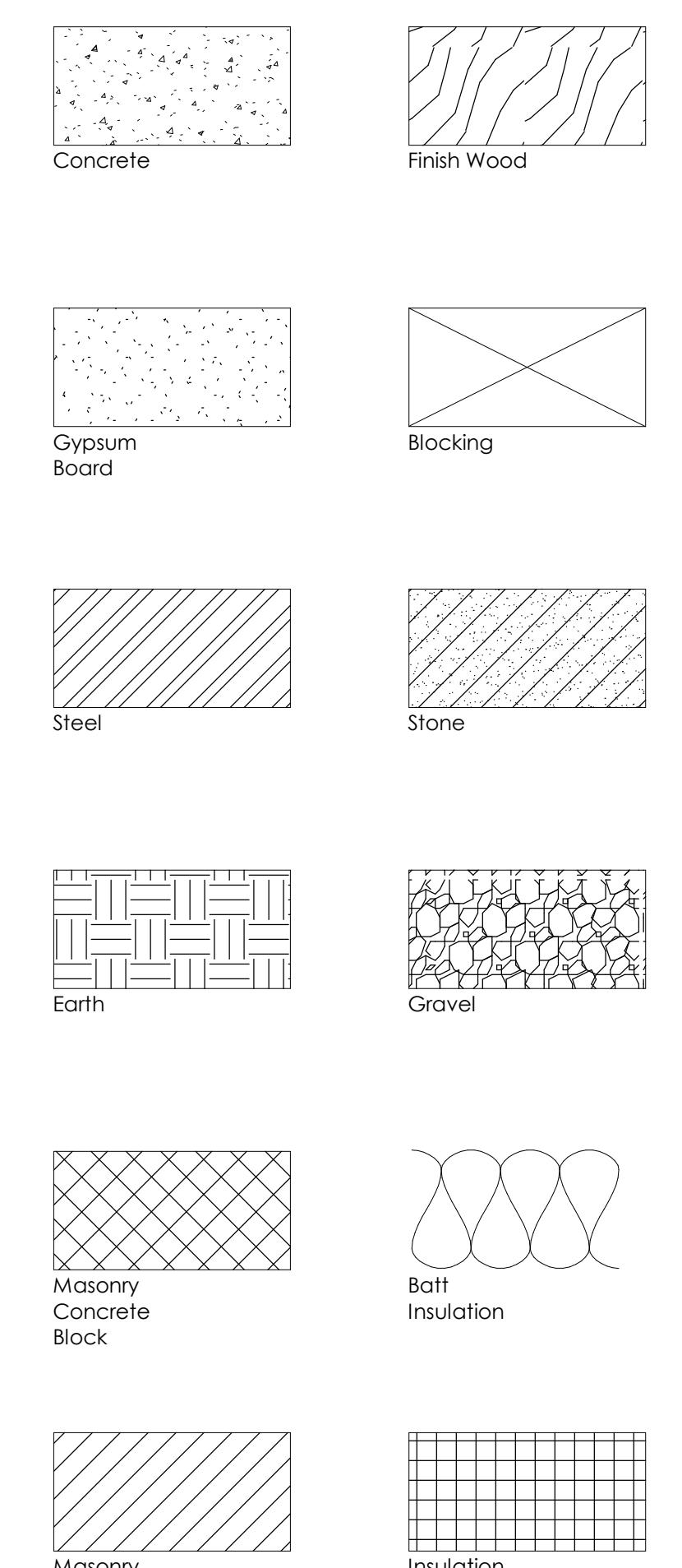


Typical Mounting Heights of Fixtures Used by Children

SCALE: $3/8"$ = 1

LEGEND - MATERIALS

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



GENERAL INFORMATION SYMBOLS & TAGS

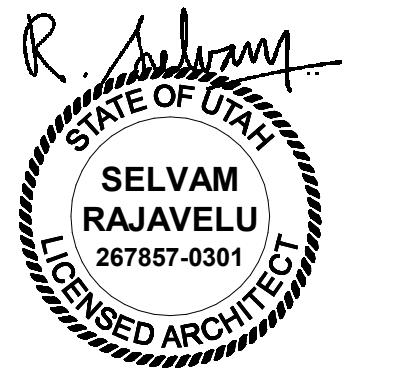
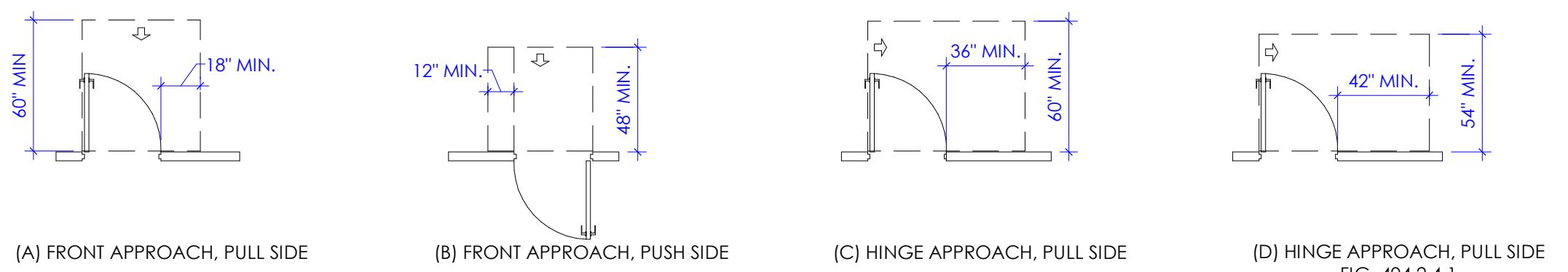
SHEET NUMBERING SYSTEM	<p>PROJECT AREA SHEET NUMBER SEQUENCE SHEET TYPE DISCIPLINE</p>	ROOM TAG <p>ROOM NAME DENOTES OCCUPANT LOAD IN CODE COMPLIANCE PLANS. ROOM COUNT DESIGNATION DENOTES ROOM AREA OF 155 SQUARE FEET ROOM NUMBER, LETTER "A" IN THE ROOM NUMBER DENOTES "AREA A" IN THE PROJECT. NUMBER "3" DENOTES "FLOOR LEVEL 3", NUMBER "24" DENOTES ROOM NUMBERING SEQUENCE IN THE PROJECT AREA.</p>	DOOR TAG <p>DOOR TAGS ARE INDICATED ON DIMENSION FLOOR PLANS THE FIRST LETTER "A" AND THE FOLLOWING THREE DIGITS "124" DENOTES ROOM NUMBER SUFFIX "C" DENOTES SEQUENCE OF DOOR ACCESSING THE ROOM.</p>
GRID TAG	<p>GRID REFERENCE LETTER - A,B,C, ETC. (USED FOR HORIZONTAL GRID SEQUENCE, TYPICALLY FROM LEFT TO RIGHT) GRID REFERENCE NUMBER - 1,2,3, ETC. (USED FOR VERTICAL GRID SEQUENCE, TYPICALLY FROM TOP TO BOTTOM)</p>	DATUM POINT TAG 	WINDOW TAG <p>WINDOWS TAGS ARE INDICATED ON DIMENSION FLOOR PLANS</p>
NORTH ARROW	<p>NORTH</p>	CEILING HEIGHT TAG <p>B.O.C. BOTTOM OF CEILING B.O.H. BOTTOM OF HEADER HEIGHT ABOVE FINISH FLOOR</p>	FLOOR FINISH TAG <p>TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A603A, FOR FLOOR COVERING AND FINISHES REQUIRED.</p>
BUILDING SECTIONS <p>SECTION TAGS ARE INDICATED ON OVERALL DIMENSION FLOOR PLANS</p>	<p>BUILDING SECTION SHEET WHERE DRAWN</p>	SPOT ELEVATION <p>DENOTES BUILDING REFERENCE ELEVATION T.O.W. TOP OF WALL T.O.C. TOP OF CURB D.B.E. DECK BEARING ELEVATION F.F.E. FINISH FLOOR ELEVATION B.O.V. BOTTOM OF VENEER T.O.S. TOP OF SIDEWALK T.O.C. TOP OF CURB</p>	WALL BASE TAG <p>TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A603A, FOR WALL BASE TYPE.</p>
WALL SECTIONS <p>SECTION TAGS ARE INDICATED ON DIMENSION FLOOR PLANS</p>	<p>WALL SECTION SHEET WHERE DRAWN</p>	VERTICAL ELEVATION <p>DENOTES FLOOR LEVEL LEVEL 1 DENOTES BUILDING REFERENCE ELEVATION</p>	WALL FINISH TAG <p>TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A603A, FOR WALL FINISHES REQUIRED.</p>
DETAIL TAGS	<p>DETAIL NUMBER SHEET WHERE DRAWN</p>	FLOOR PLAN MATCHLINE <p>DETAIL LOCATION NUMBER SHEET WHERE DRAWN</p>	CEILING FINISH TAG <p>TAGS ARE INDICATED ON REFLECTED CEILING PLAN. SEE FINISH SCHEDULE, SHEET A603A, FOR CEILING FINISHES REQUIRED.</p>
DETAIL TAGS	<p>DETAIL NUMBER SHEET WHERE DRAWN</p>	REVISION TAG <p>CLOUD INDICATES DRAWING REVISION AREA REVISION NUMBER</p>	OTHER FINISH TAG <p>TAGS ARE INDICATED ON FINISH FLOOR PLAN & INTERIOR ELEVATIONS. SEE FINISH SCHEDULE, SHEET A603A, FOR FINISHES REQUIRED.</p>
EXTERIOR ELEVATION TAGS <p>TAGS ARE INDICATED ON OVERALL DIMENSION FLOOR PLANS AND KEY PLAN</p>	<p>EXTERIOR ELEVATION NUMBER SHEET WHERE DRAWN</p>	KEYED NOTES - PROJECT SPECIFIC <p>KEYED NOTES THAT ARE PROJECT SPECIFIC AS INDICATED ON PLANS, SECTIONS AND ELEVATIONS DIVISION # DIVISION NOTE</p>	CABINET TAG <p>CABINET TYPES ARE INDICATED ON INTERIOR ELEVATIONS & CABINET LEGEND, SHEET A505A.</p>
INTERIOR ELEVATION TAGS <p>TAGS ARE INDICATED ON FINISH FLOOR PLANS</p>	<p>INTERIOR ELEVATION NUMBER SHEET WHERE DRAWN</p>	KEYED NOTES - GENERIC <p>KEYED NOTES THAT ARE NOT PROJECT SPECIFIC AS INDICATED ON GENERIC, TYPICAL DETAILS. 32</p>	SIGN TAG <p>TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE SIGN TYPE DETAIL 1 / A506A</p>

Utah School for the Deaf and Blind Activity Center

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General information

G003


DOORS AND DOORWAYS


MANEUVERING CLEARANCE AT SWINGING DOORS

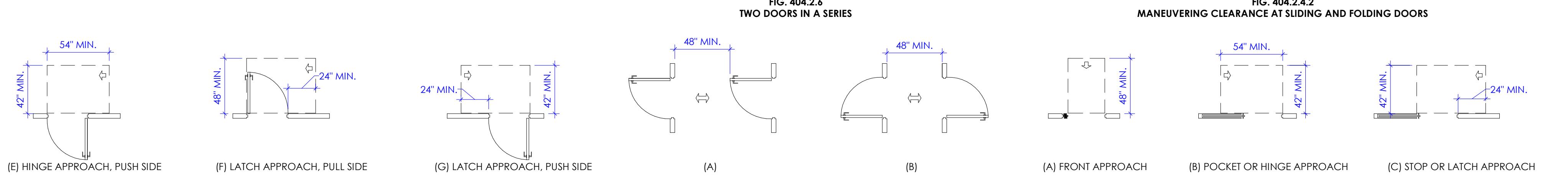
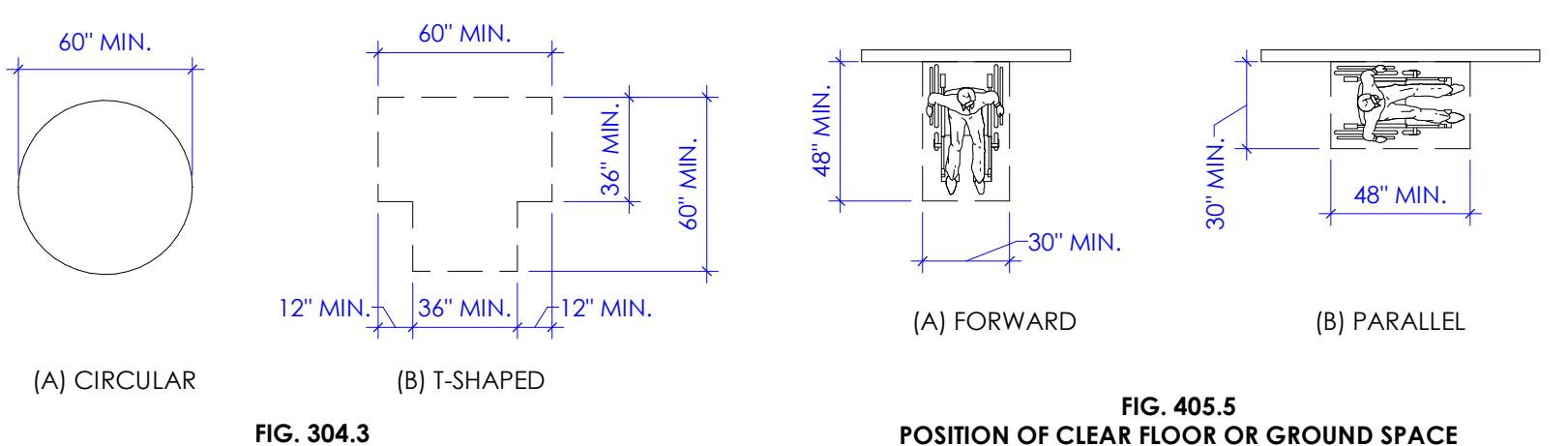
FIG. 404.2.4.7
TWO DOORS IN A SERIESFIG. 404.2.4.8
MANEUVERING CLEARANCE AT SLIDING AND FOLDING DOORS
CLEAR FLOOR SPACE


FIG. 405.5

POSITION OF CLEAR FLOOR OR GROUND SPACE

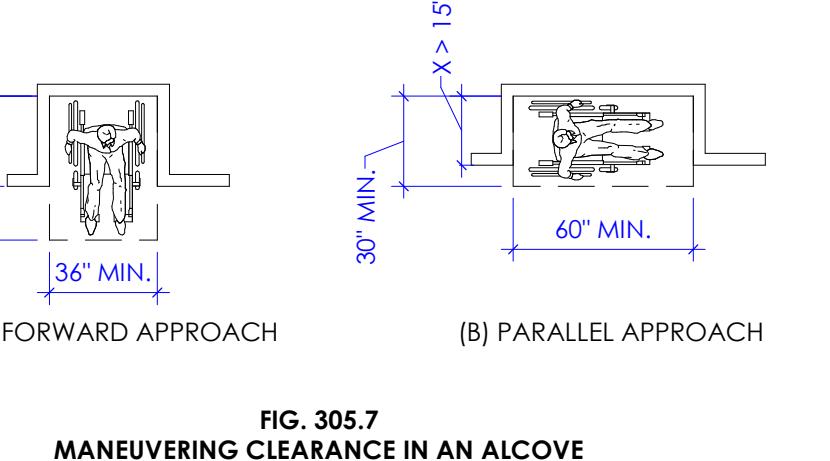


FIG. 305.7

MANEUVERING CLEARANCE IN AN ALCOVE

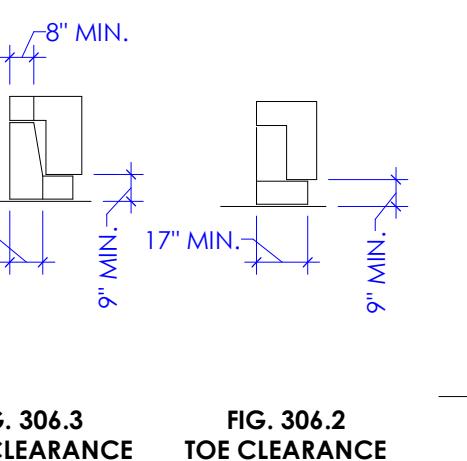


FIG. 306.2

TOE CLEARANCE

REDUCED VERTICAL CLEARANCE

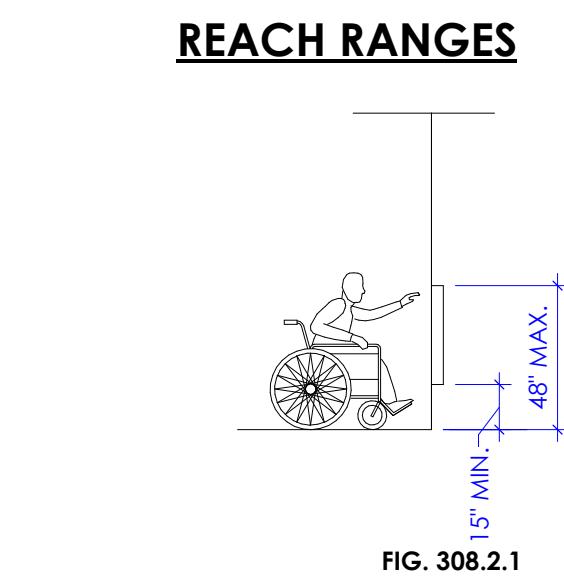


FIG. 308.1

UNOBSTRUCTED FORWARD REACH

FIG. 308.2

OBSTRUCTED HIGH FORWARD REACH

FIG. 308.3

UNOBSTRUCTED SIDE REACH

FIG. 308.4

OBSTRUCTED HIGH SIDE REACH

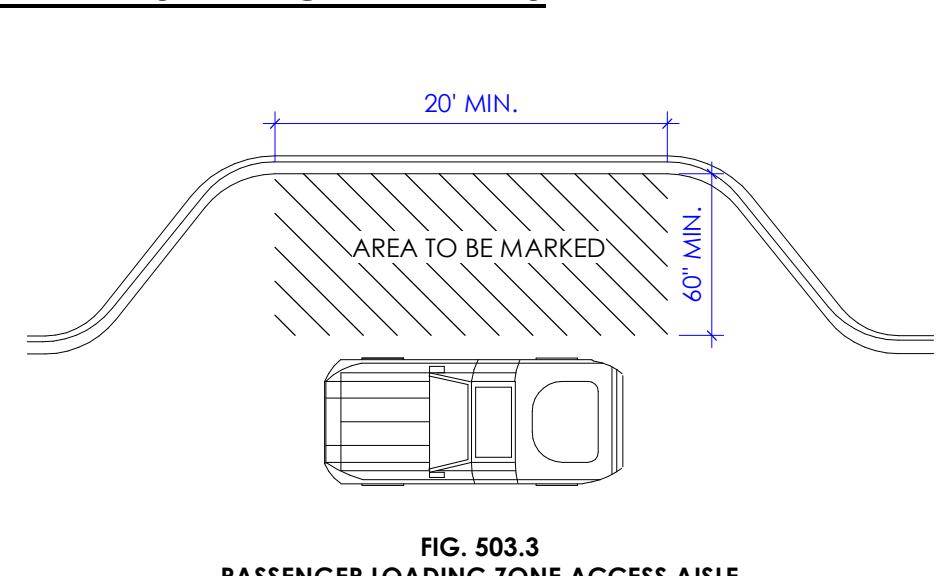
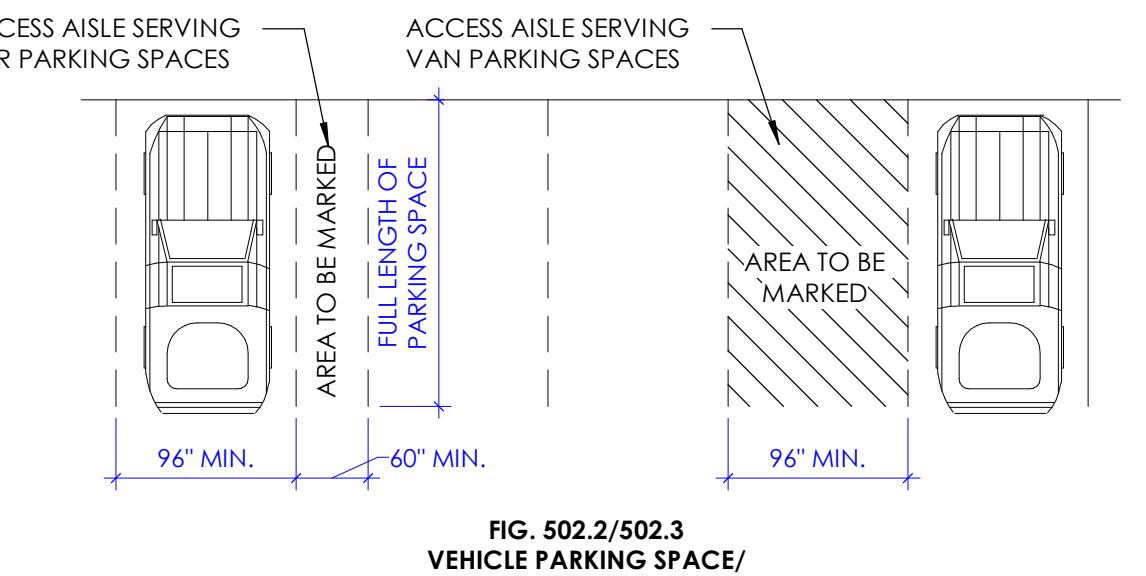
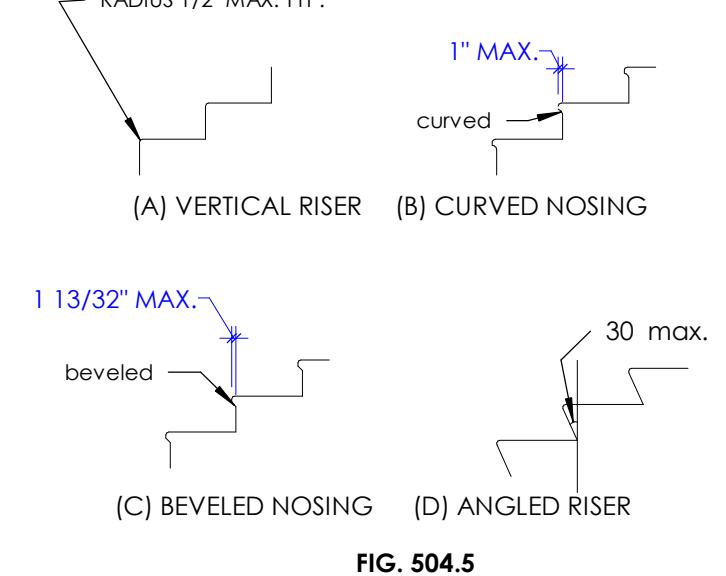
GENERAL SITE AND BUILDING ELEMENTS
FIG. 503.3
PASSENGER LOADING ZONE ACCESS AISLEFIG. 502.2/502.3
VEHICLE PARKING SPACE/PARKING SPACE ACCESS AISLE

FIG. 504.5

STAIR NOSINGS

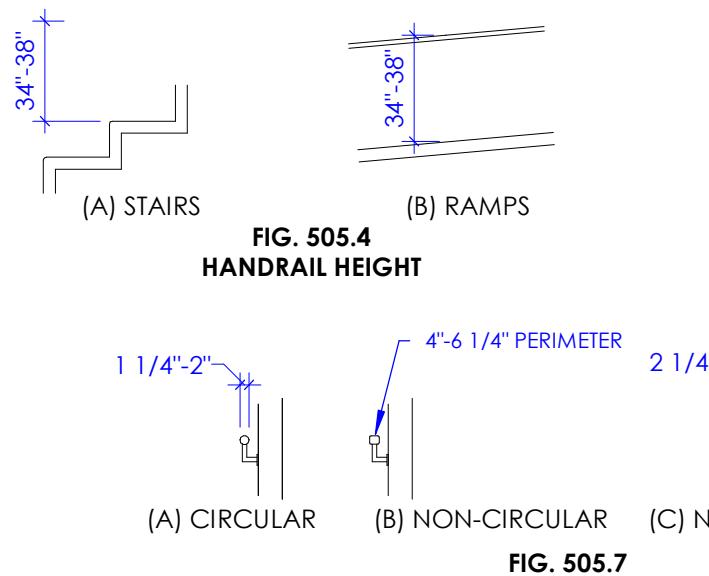


FIG. 505.4

RAMP

FIG. 505.5

HANDRAIL HEIGHT

FIG. 505.7

HANDRAIL CROSS SECTION

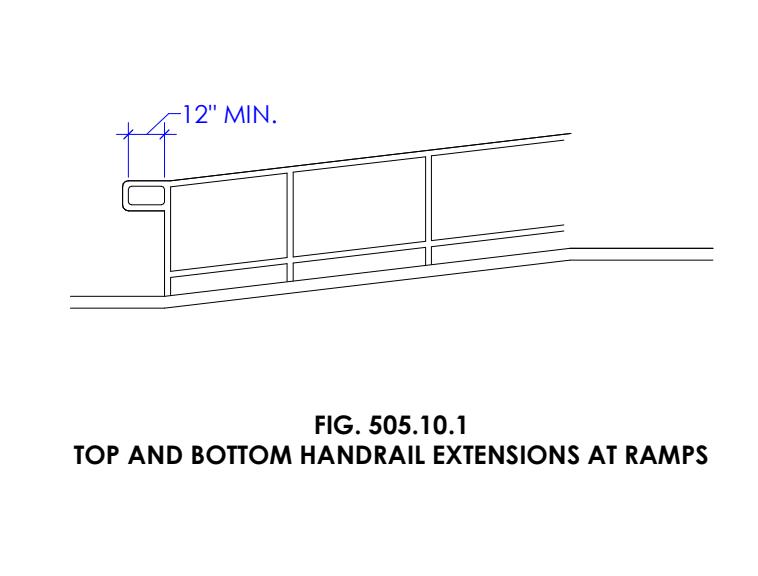
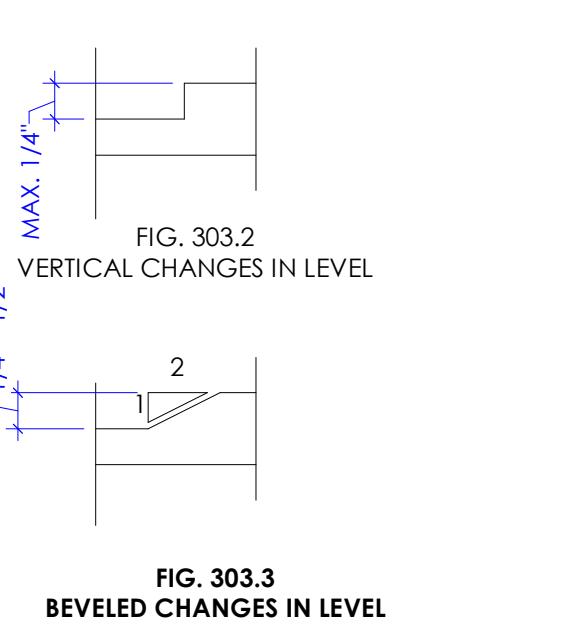
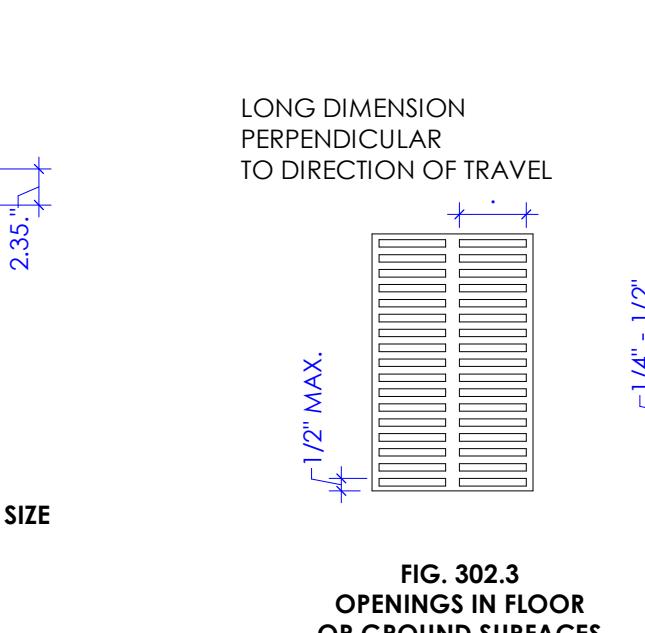
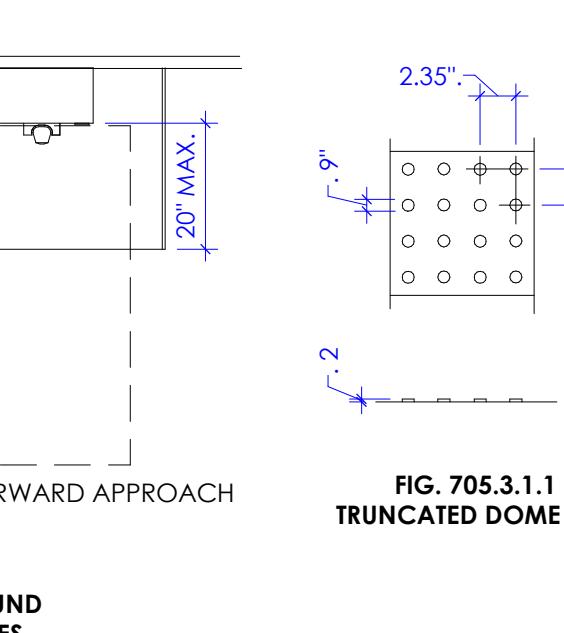
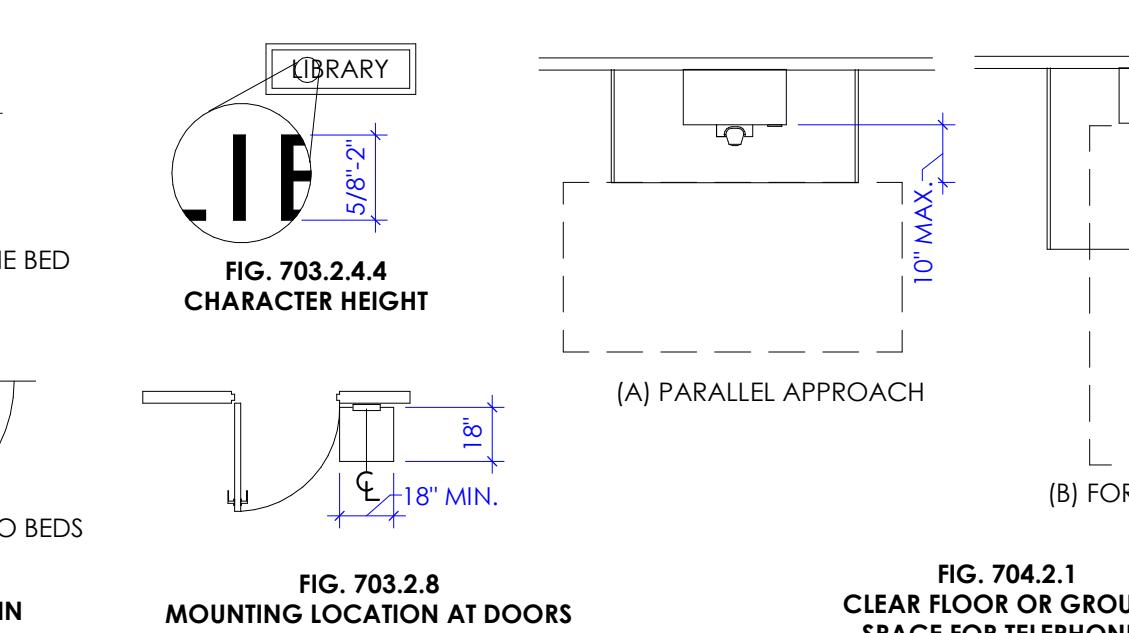
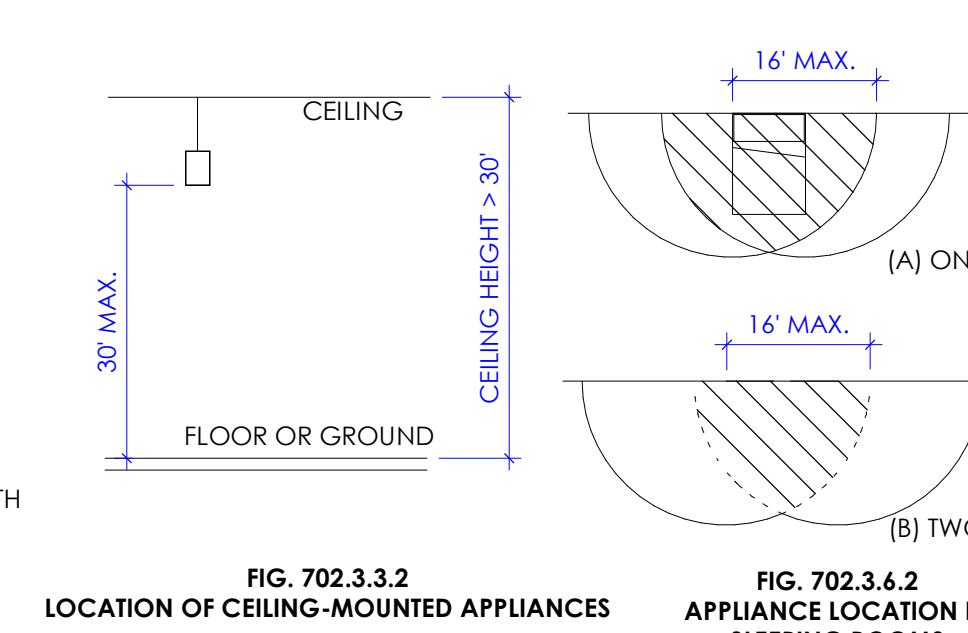
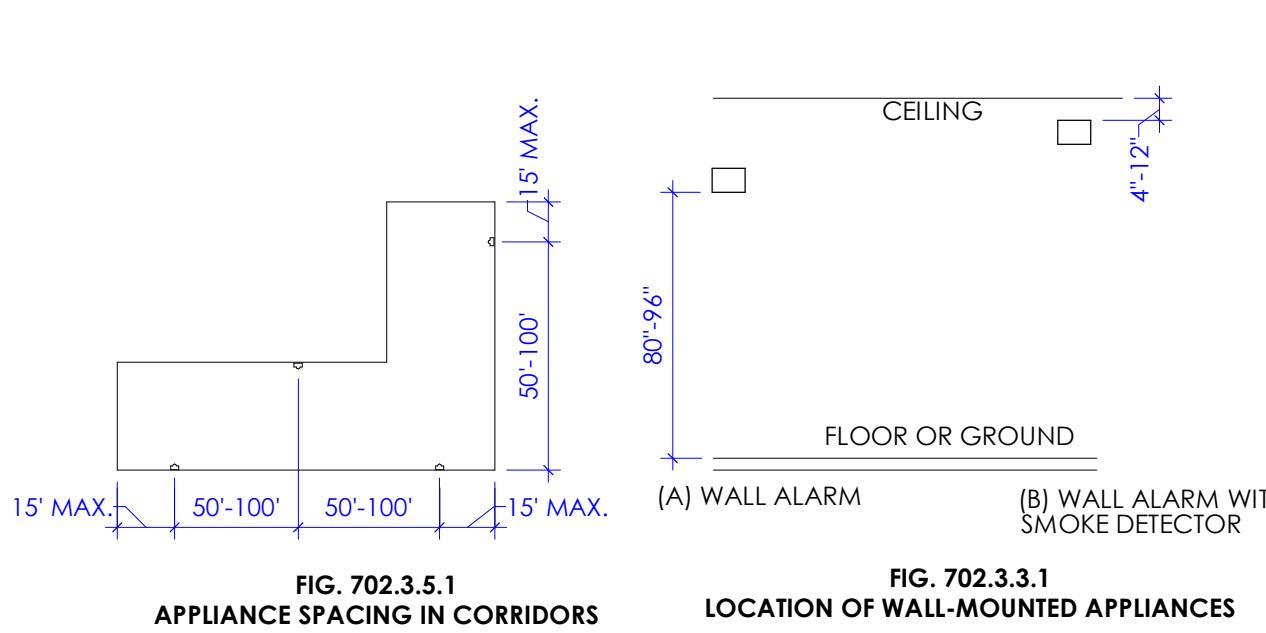
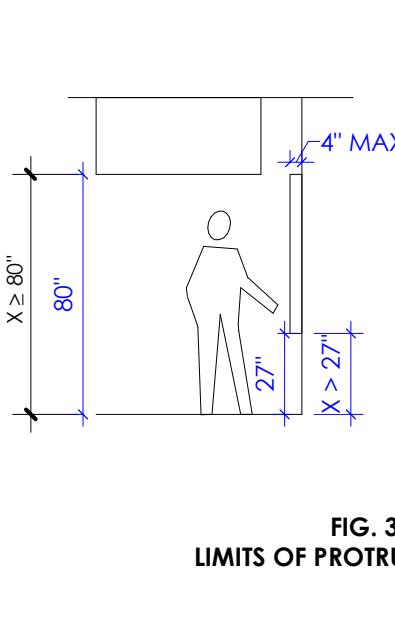
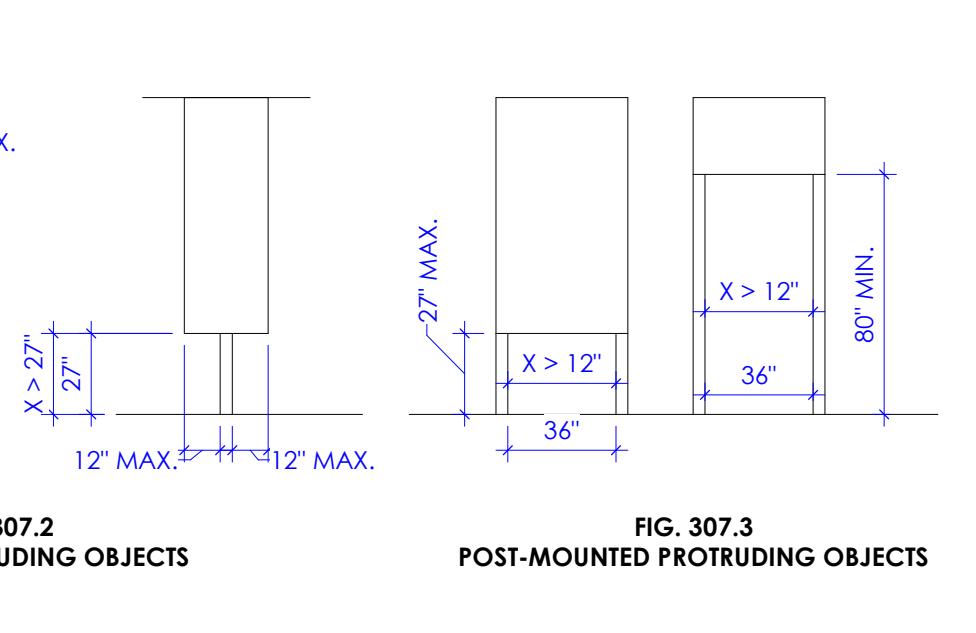
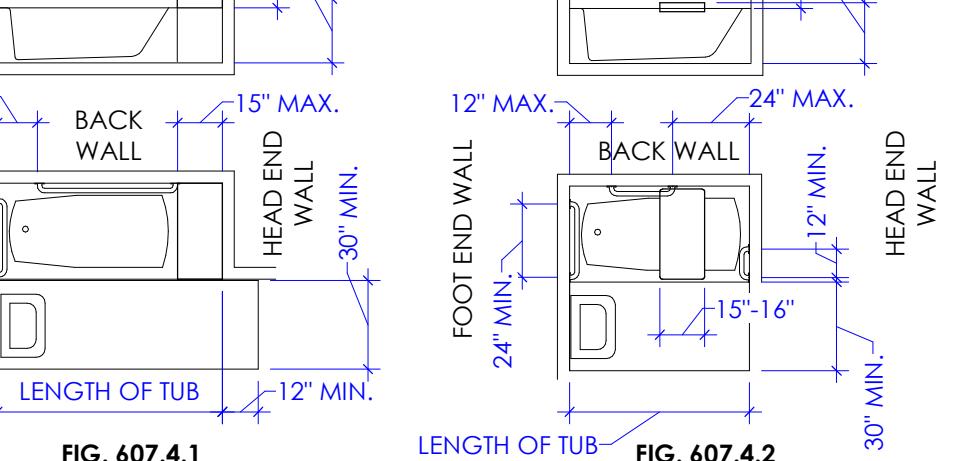
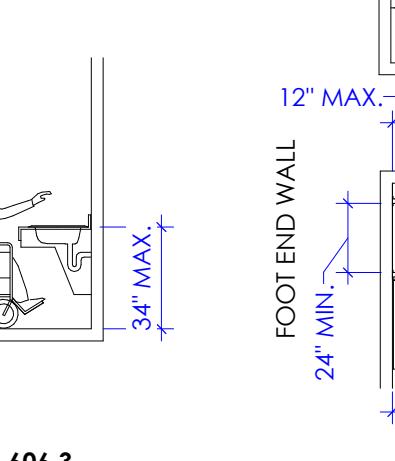
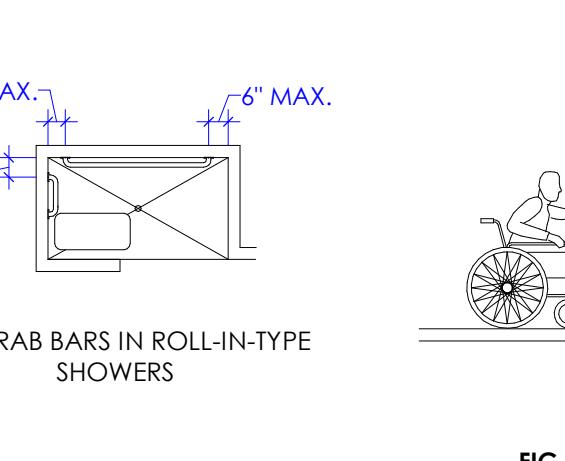
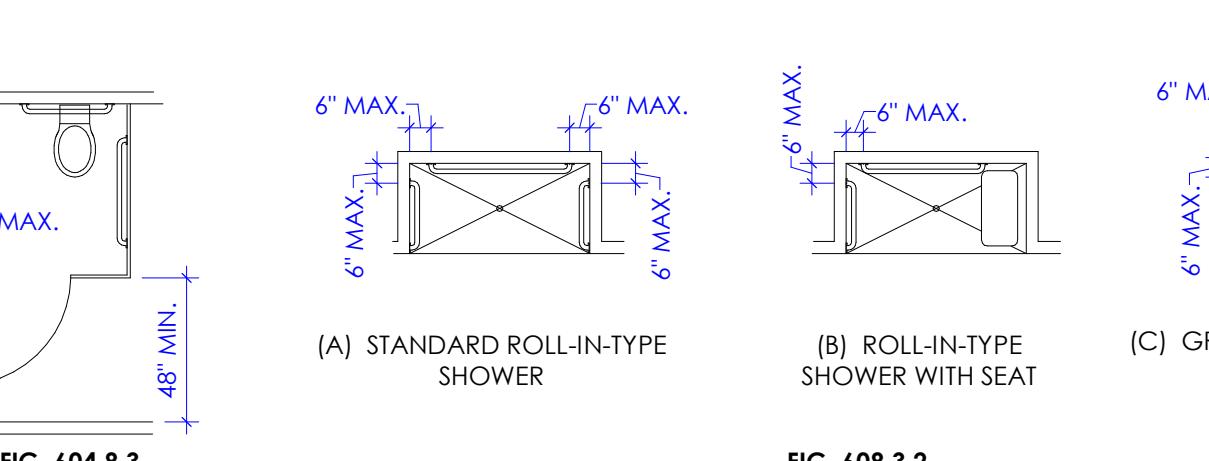
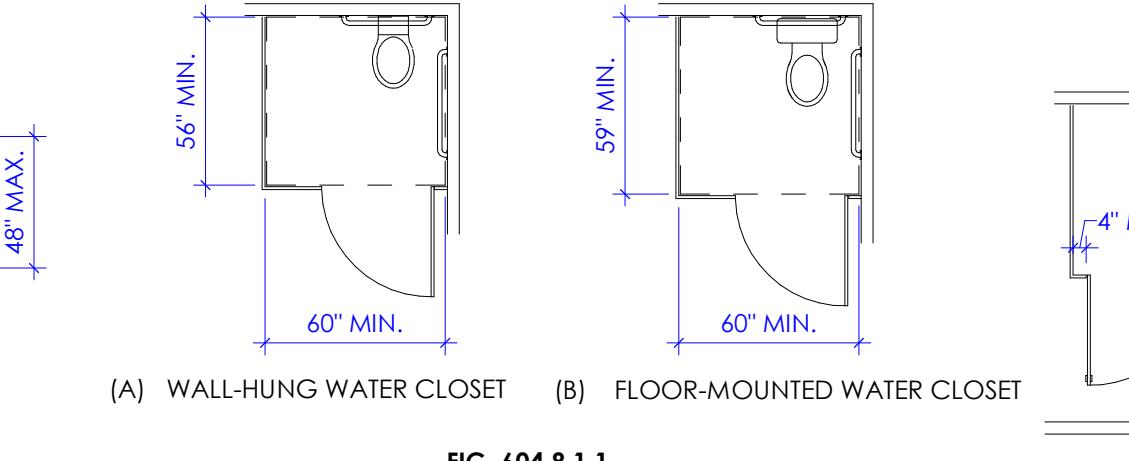
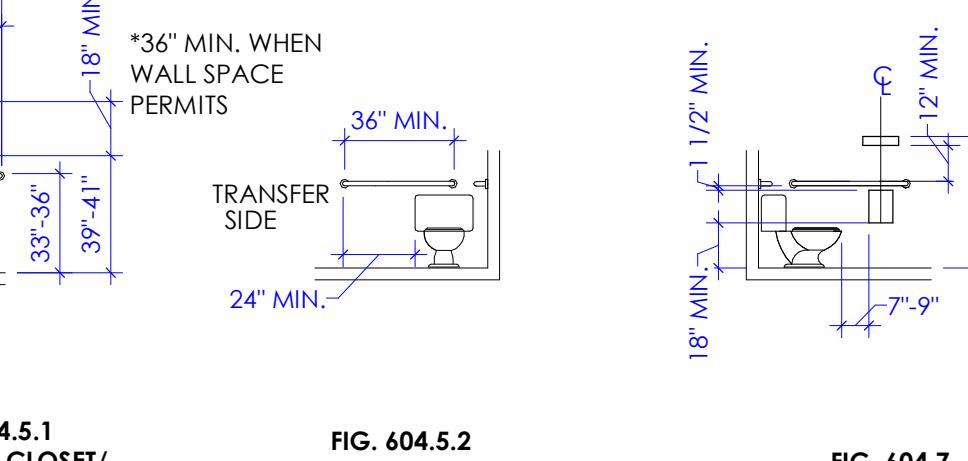
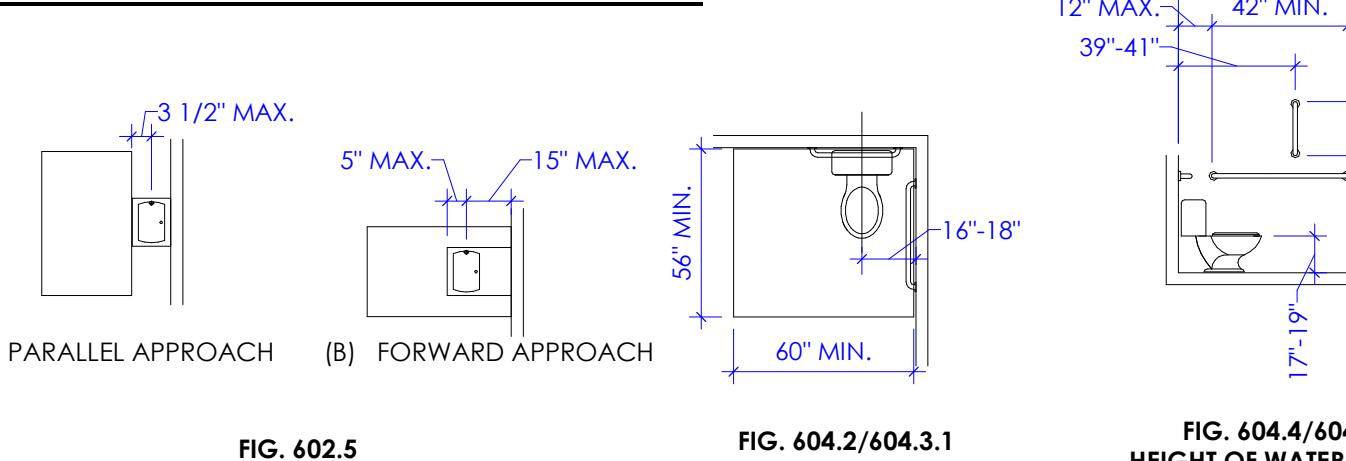
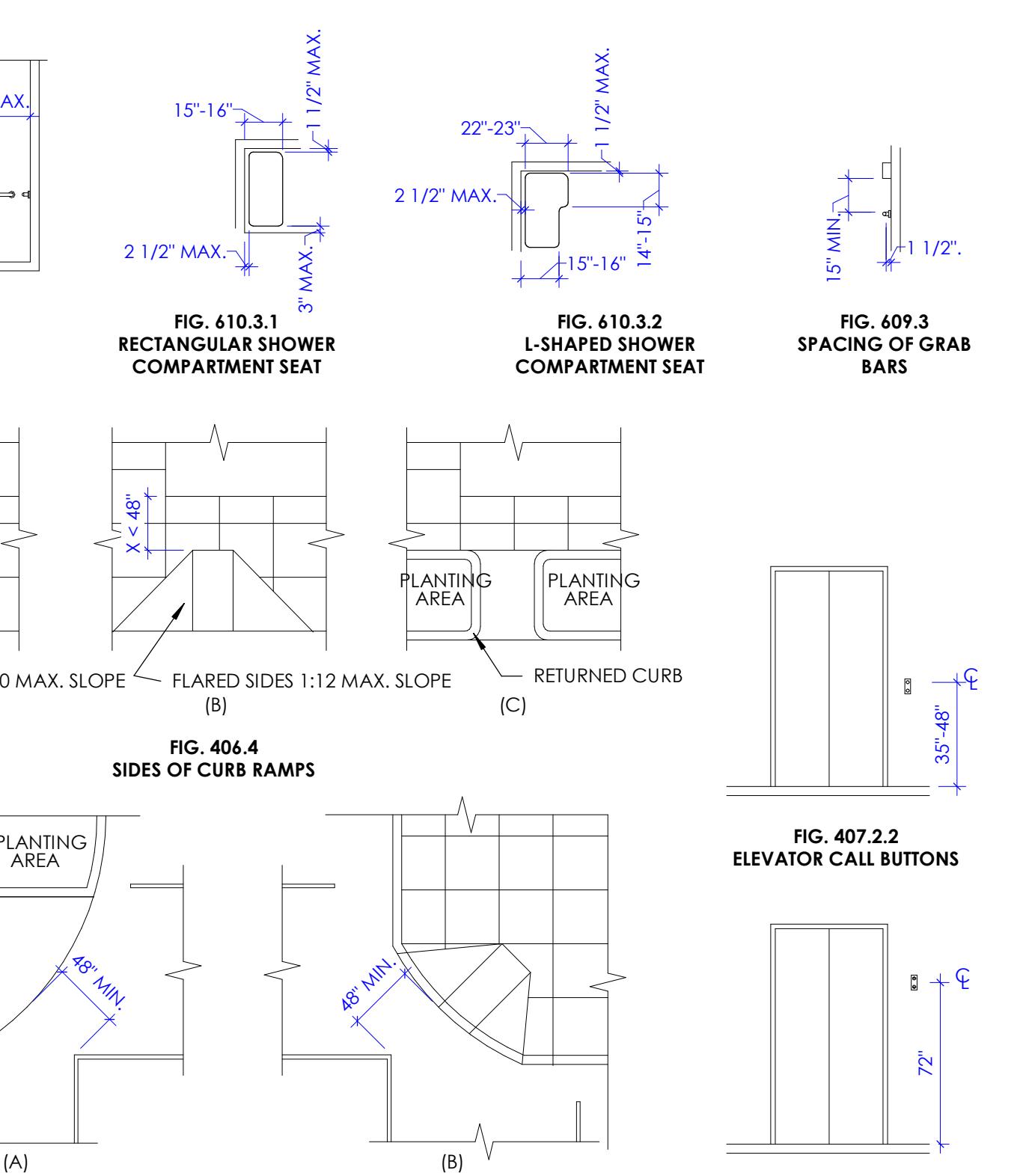
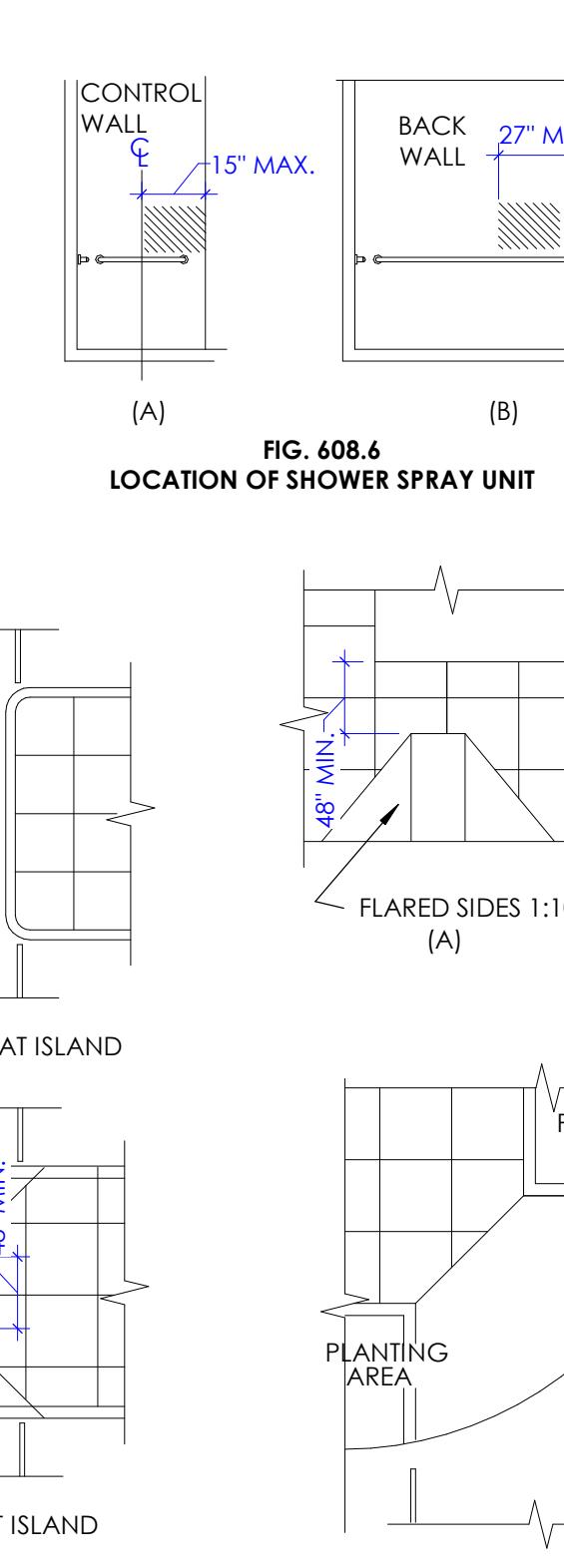
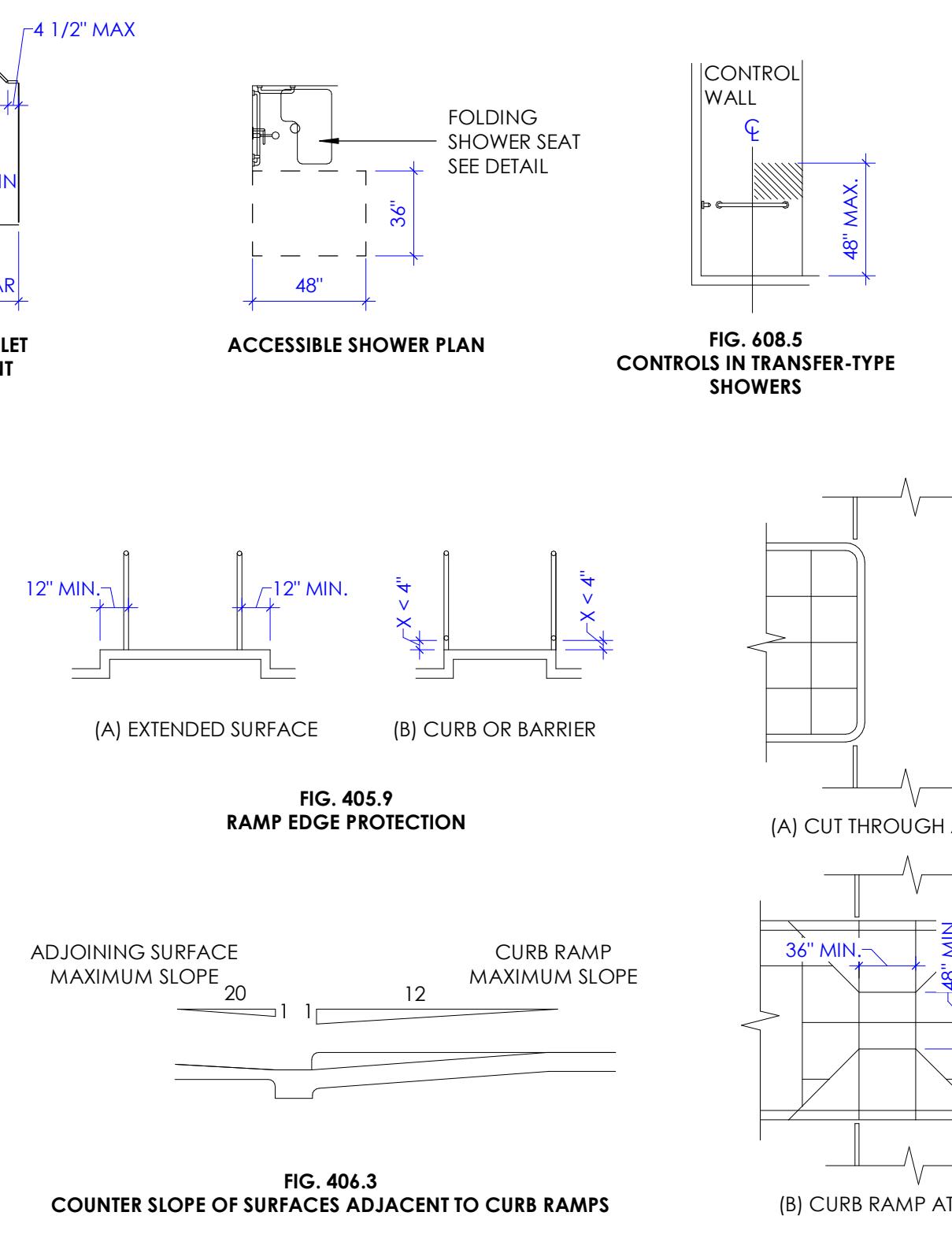
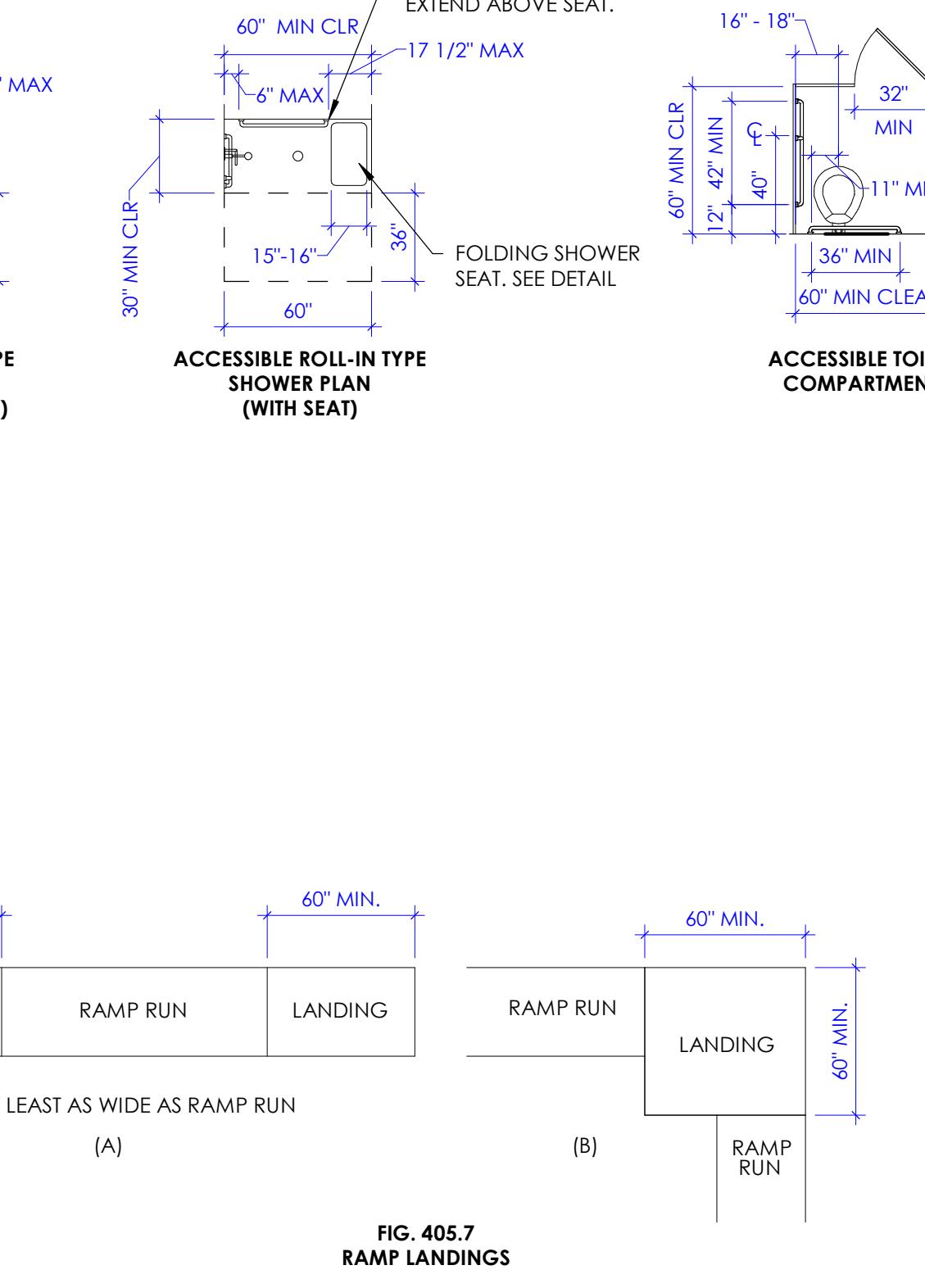
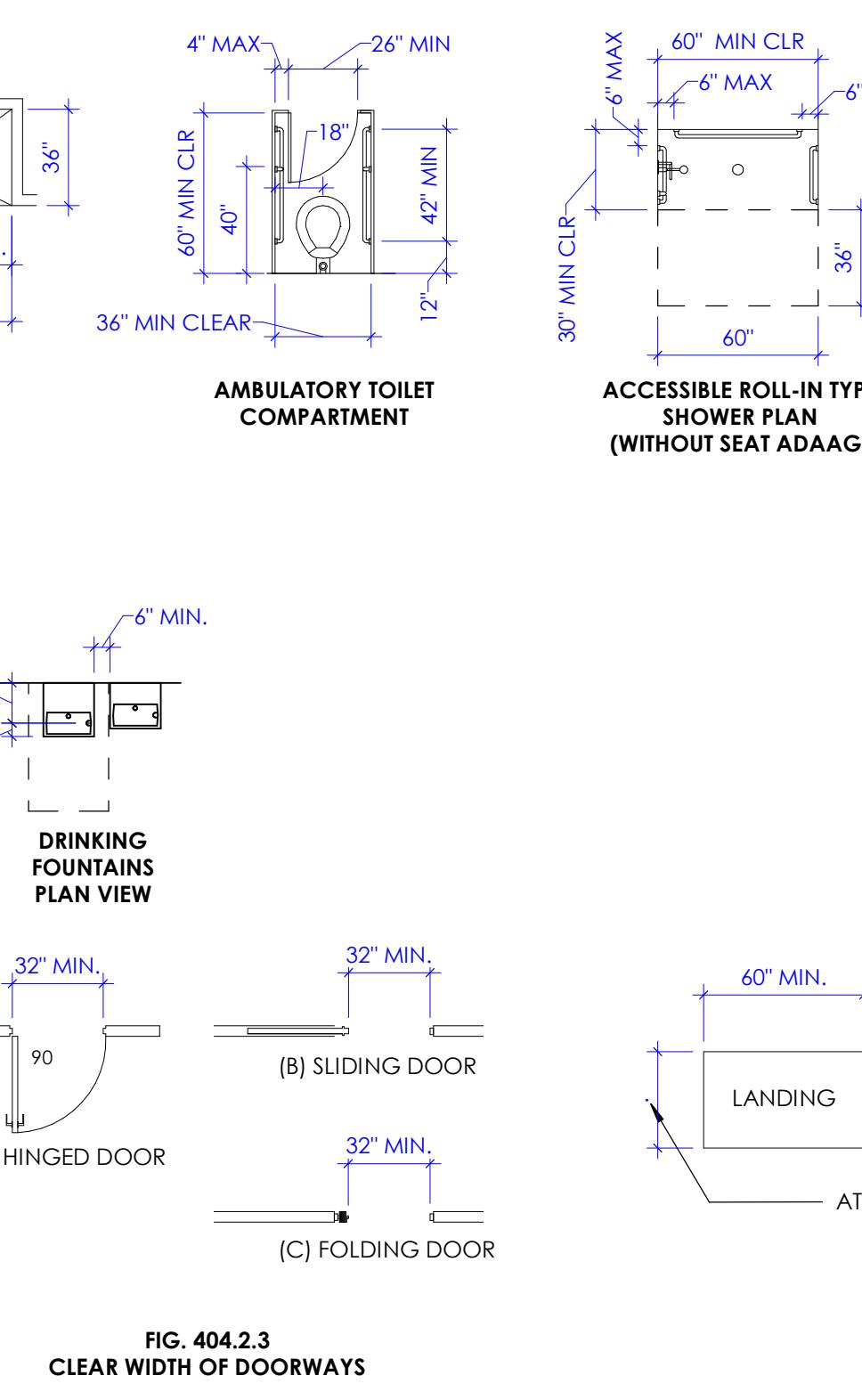
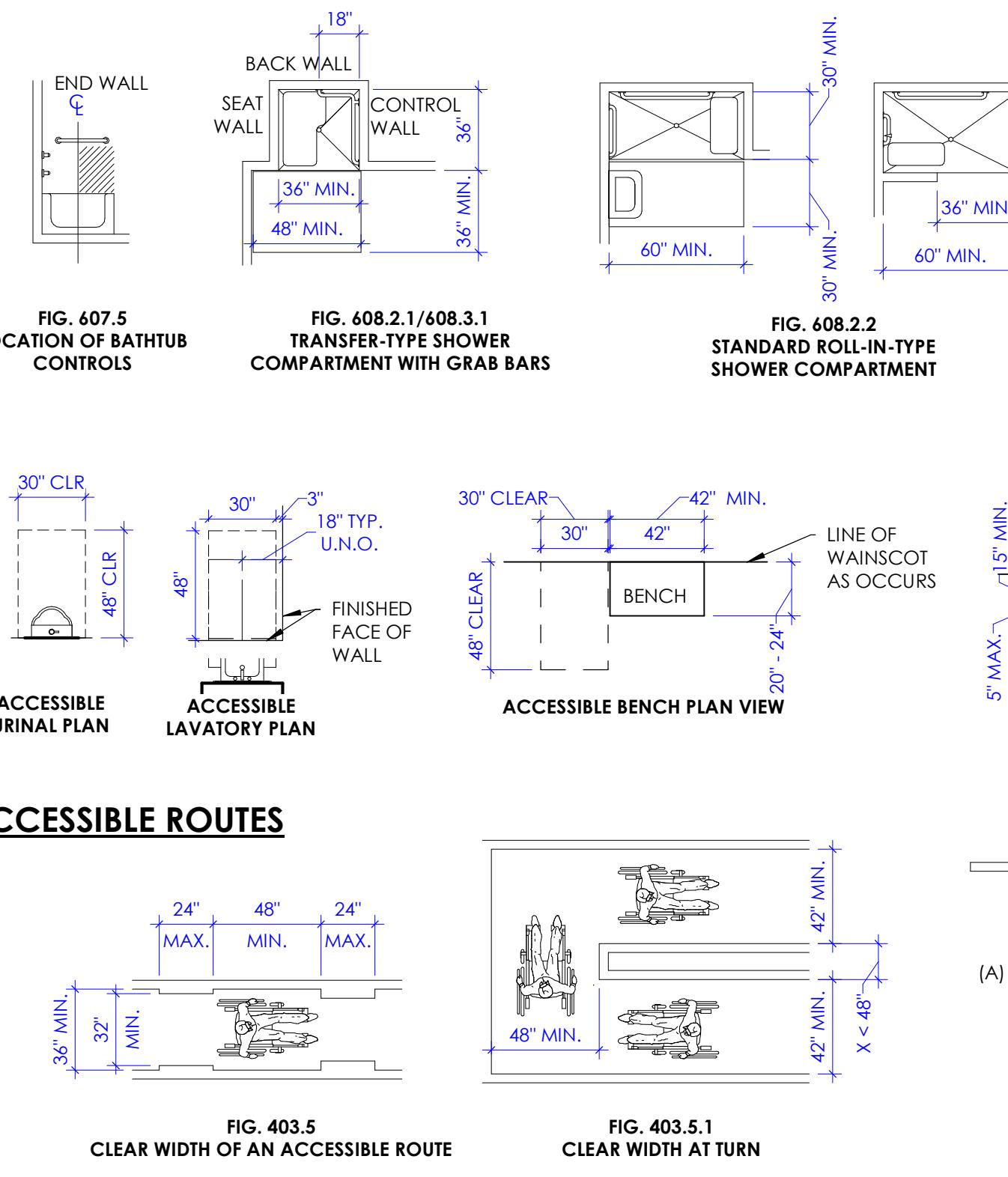


FIG. 505.10.1

TOP AND BOTTOM HANDRAIL EXTENSIONS AT RAMPS

FIG. 505.10.2

BOTTOM HANDRAIL EXTENSIONS AT STAIRS

FIG. 504.2
TREADS AND RISERS FOR
ACCESSIBLE STAIRWAYS
COMMUNICATION ELEMENTS AND FEATURES

BUILDING BLOCKS

PROTRUDING OBJECTS

PLUMBING ELEMENTS AND FACILITIES

ACCESSIBLE ROUTES


GENERAL NOTES

SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
SEE SHEET A505A FOR CABINET LEGEND.
SEE SHEET A601A FOR DOOR SCHEDULE.
SEE SHEET A602A FOR WINDOW SCHEDULE.
SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

KEYED NOTES

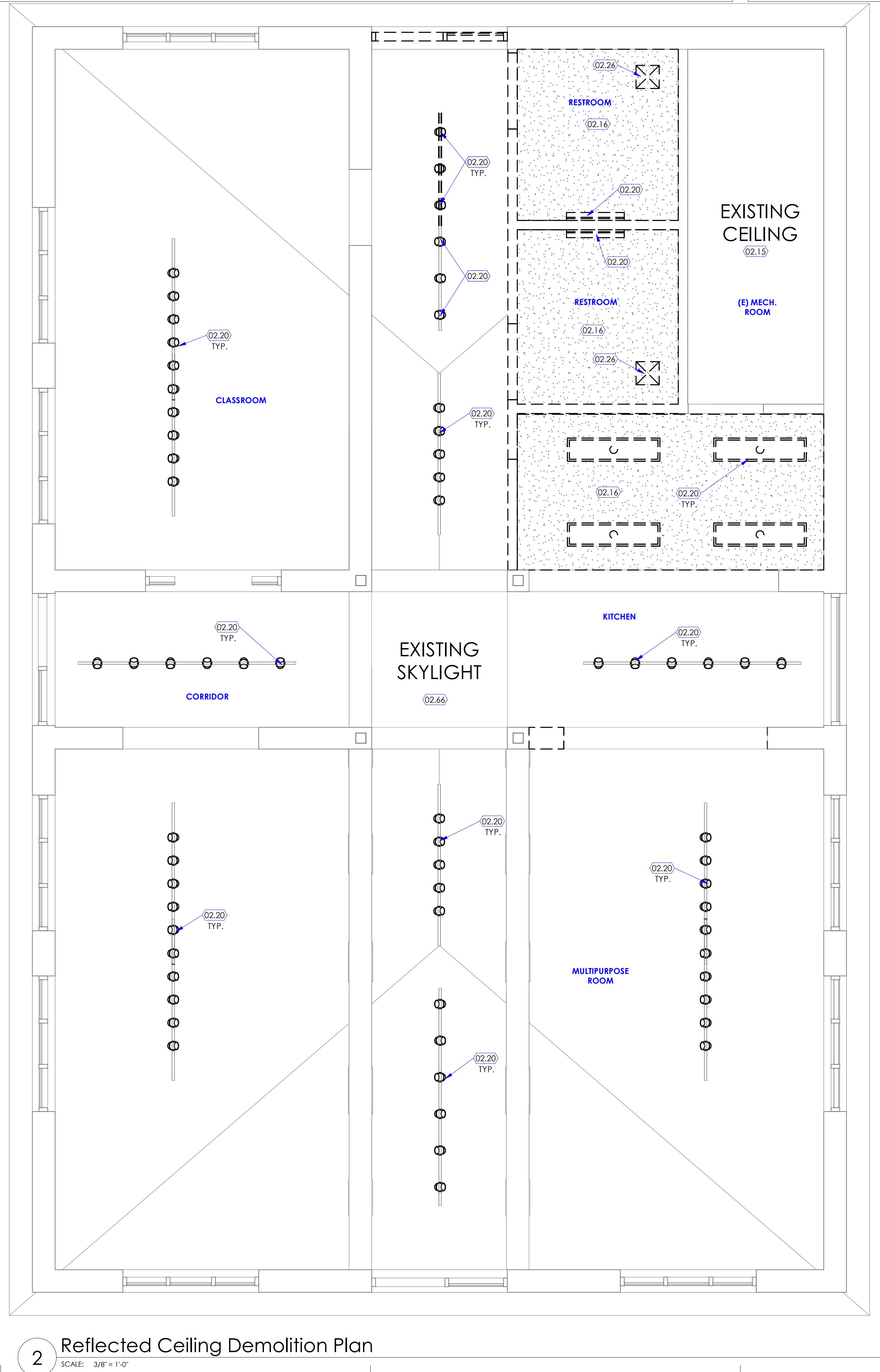
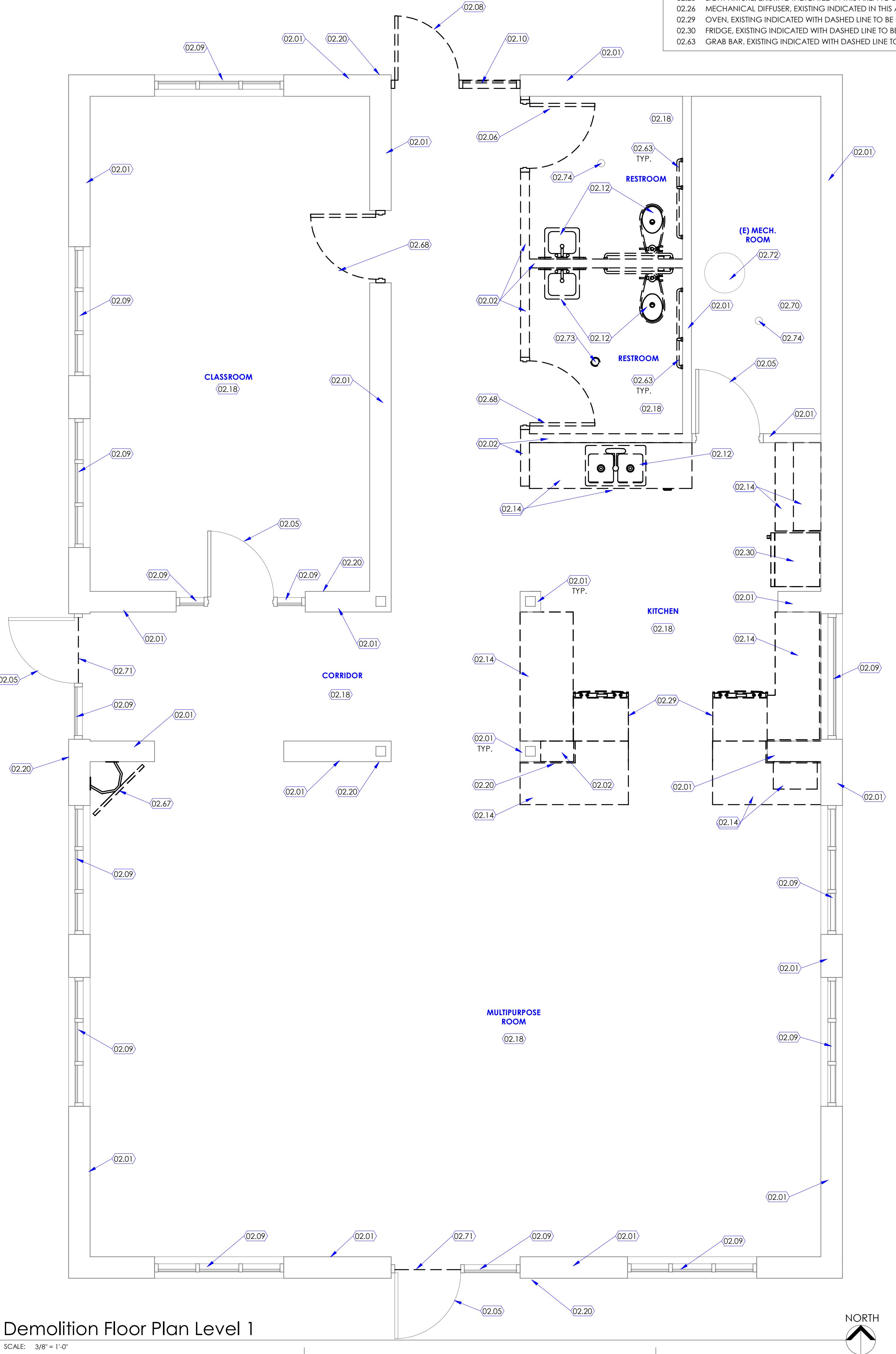
02.01	WALL. EXISTING TO REMAIN. PROTECT WALL FROM DAMAGE DURING CONSTRUCTION.	02.66	SKYLIGHT. EXISTING TO REMAIN. PROTECT SKYLIGHT FROM DAMAGE DURING CONSTRUCTION.
02.02	WALL, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED.	02.67	TELEVISION (TV), EXISTING INDICATED WITH DASHED LINE TO BE REMOVED. RETURN TO OWNER.
02.05	DOOR. EXISTING TO REMAIN. PROTECT DOOR FROM DAMAGE DURING CONSTRUCTION.	02.68	DOOR AND DOOR FRAME, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED. DOOR FRAME SHALL BE REMOVED UNLESS NOTED OTHERWISE. STORE AND PROTECT DOOR FROM DAMAGE DURING CONSTRUCTION. EXISTING DOOR TO BE REUSED WHERE POSSIBLE.
02.06	DOOR AND DOOR FRAME, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED. DOOR FRAME SHALL BE REMOVED UNLESS NOTED OTHERWISE.	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.
02.08	DOOR FRAME, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED.	02.71	THRESHOLD, EXISTING INDICATED IN THIS AREA TO BE REMOVED.
02.09	WINDOW. EXISTING TO REMAIN. PROTECT WINDOW FROM DAMAGE DURING CONSTRUCTION.	02.72	BOILER EXISTING TO REMAIN. PROTECT BOILER FROM DAMAGE DURING CONSTRUCTION.
02.10	WINDOW, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED.	02.73	FLOOR DRAIN, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED.
02.12	PLUMBING FIXTURE, EXISTING INDICATED WITH DASHED LINE TO BE REMOVED.	02.74	FLOOR DRAIN, EXISTING TO REMAIN.
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.		

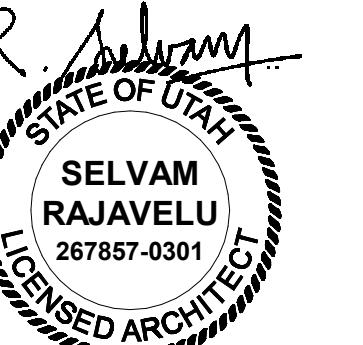
Utah School for the Deaf and Blind Activity Center

742 S Harrison Blvd.
Ogden, UT 84404

Demolition Floor Plan & Reflected Ceiling Plan

A111





Utah School for the Deaf and Blind
Activity Center

740 S Harrison Blvd.
Ogden, UT 84404

NJRA Project # 27707.00
Construction Documents Sept 02, 2022

Floor Plan &
Dimension
Floor Plan

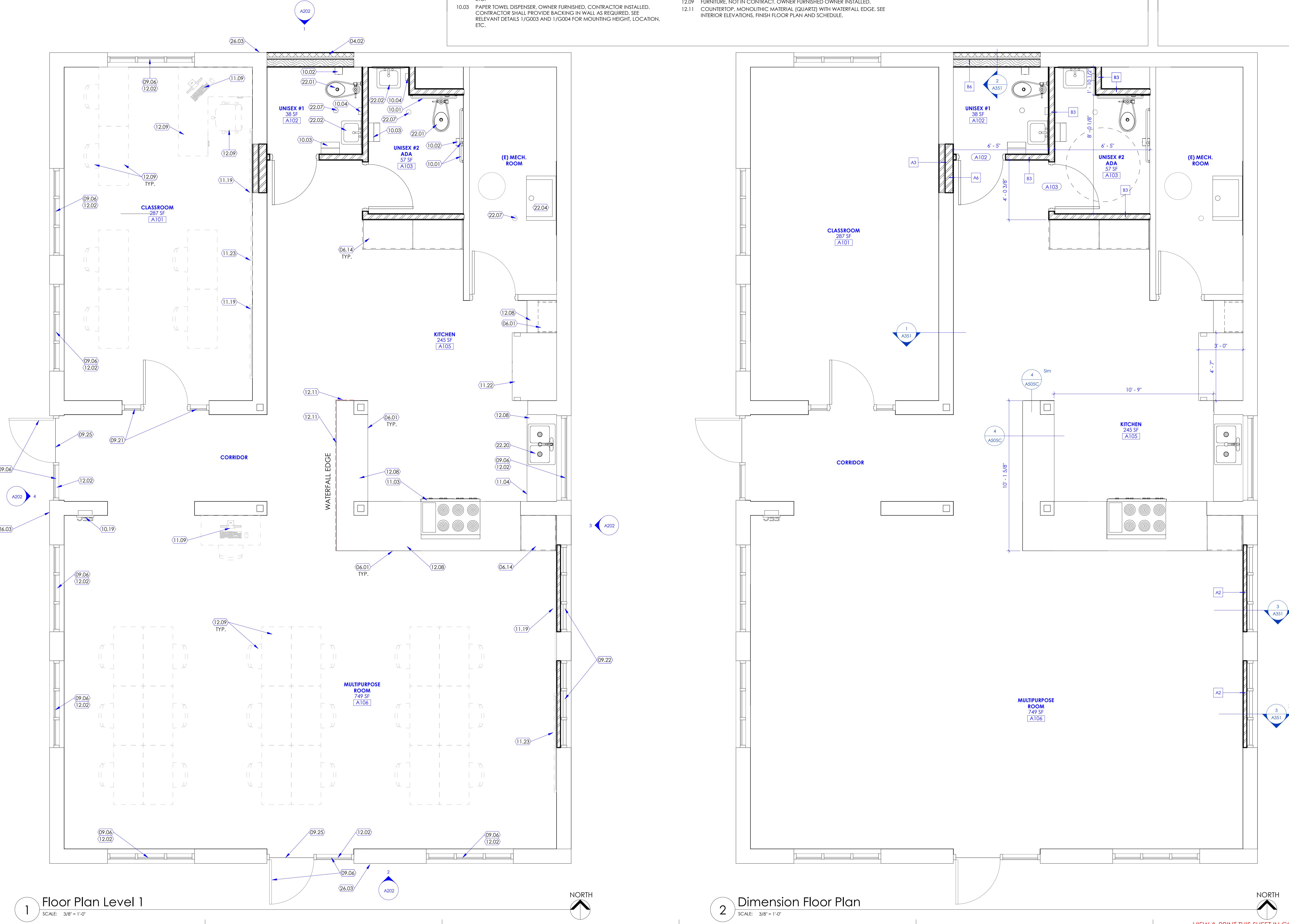
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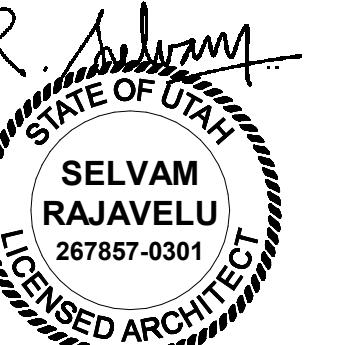
GENERAL NOTES

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

KEYED NOTES

- 04.02 CAVI 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/A603A, 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, BATH, 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 OTHERWISE, THIS APPLIANCE SHALL BE OVERCOUNTER. PROVIDE CONCRETE INTEGRATION.
- 11.04 UNDER COUNTER TOP DISH WASHER. UNLESS NOTED OTHERWISE, THIS APPLIANCE SHALL BE OWNER FURNISHED. CONTRACTOR INSTALLED. SEE PLUMBING DRAWINGS.
- 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 OTHERWISE, 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.

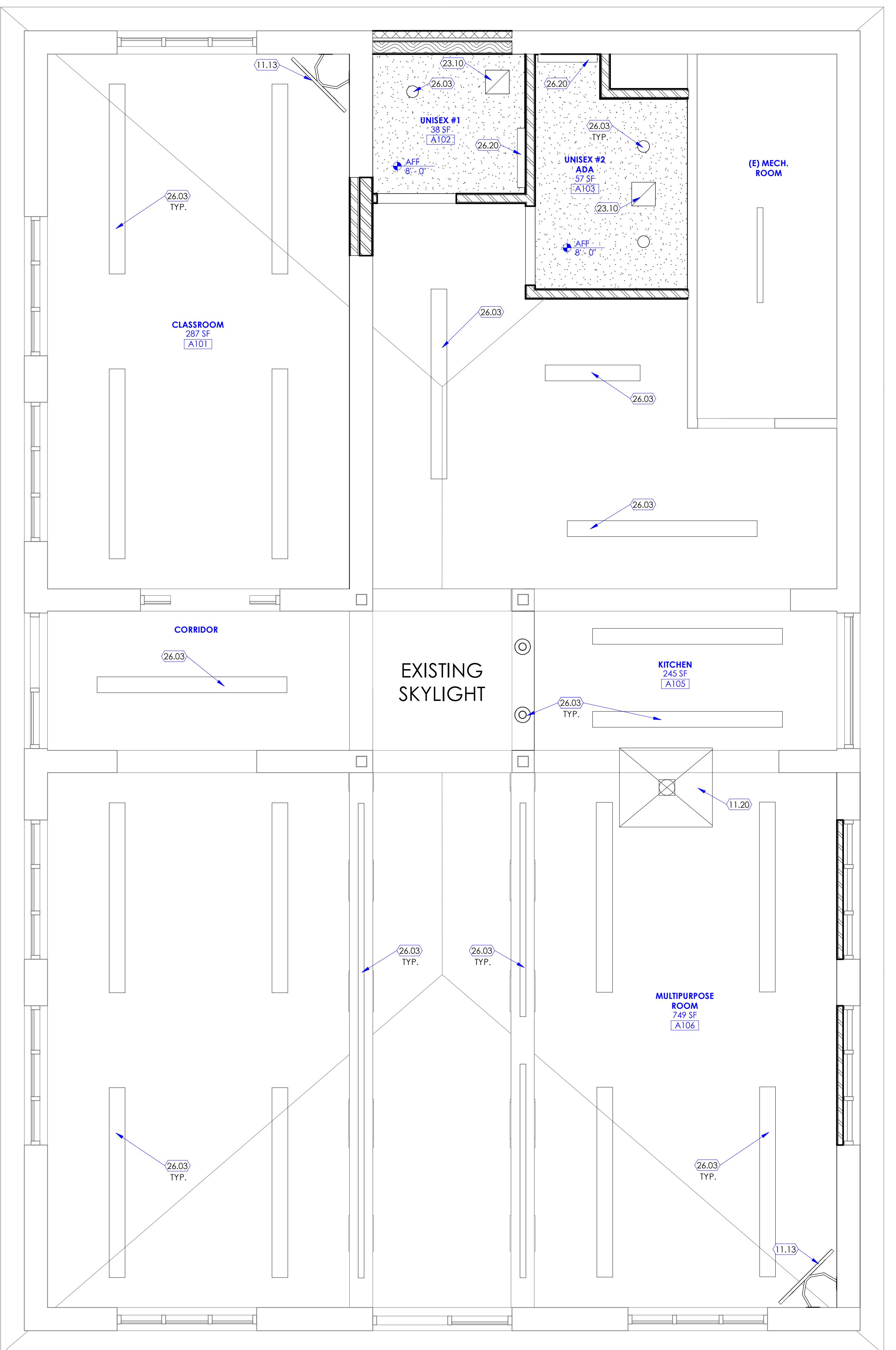




Owner
Utah School for the Deaf and Blind
Activity Center

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A113



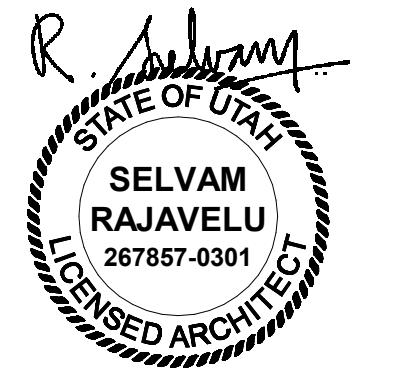
KEYED NOTES

- 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 BRACKETS 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 GO01 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A602A FOR WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

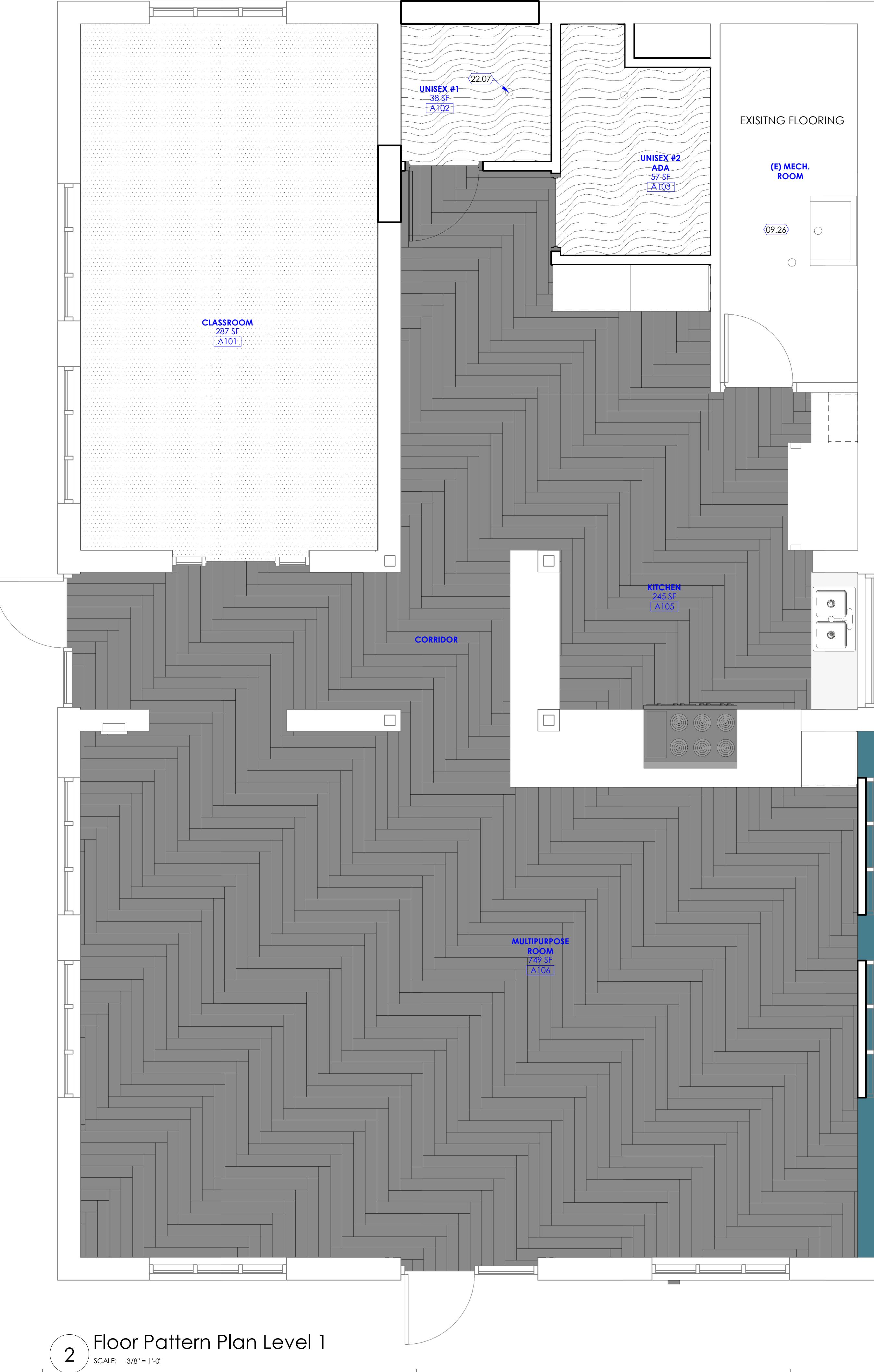
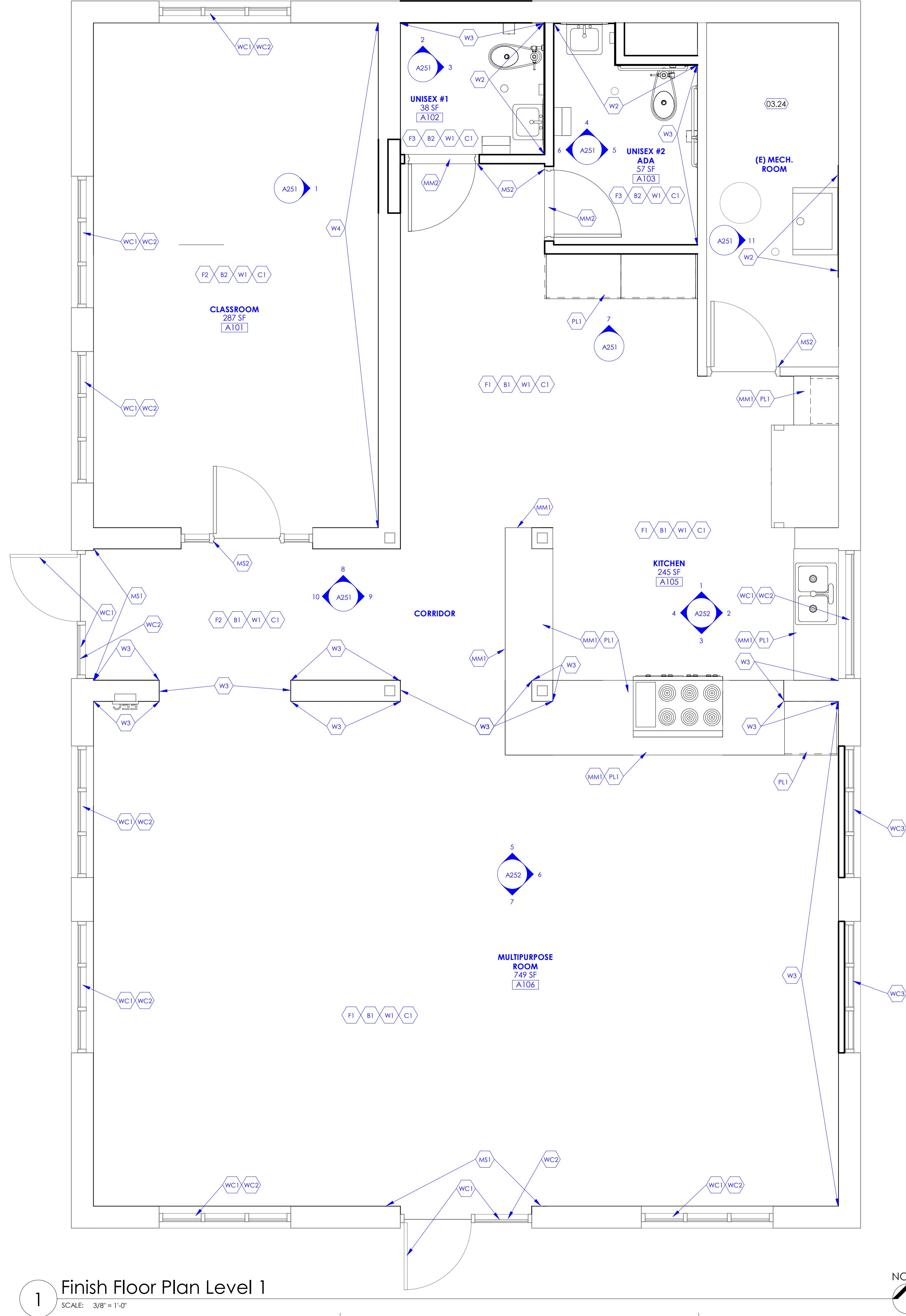


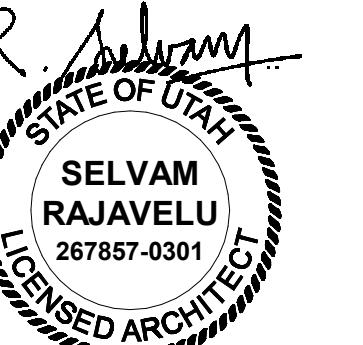
KEYED NOTES	
03.24 CONCRETE SLAB ON GRADE. COORDINATE EXTENT OF POURING FOR NEW FLOOR LOCATIONS WITH PLUMBING DRAWINGS. BUFF AND SMOOTH THE TRANSITION LINE BETWEEN EXISTING AND NEW FLOOR.	
09.26 PATCH AND REPAIR CONCRETE SLAB ON GRADE, AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. COORDINATE EXTENT OF REPAIR WITH PLUMBING DRAWINGS.	
22.07 FLOOR DRAIN, EXISTING, TO REMAIN. PROJECT 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.)
	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	SAMPLE LAYOUT 2
ROOM NAME 101 (F2 B1 W2)	NORTH WALL ROOM NAME 102 (F2 B3 W2) (F3 W3 W4) WEST WALL EAST WALL SOUTH WALL LINE OF FLOOR COVERING TRANSITION

GENERAL NOTES	
A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.	
B. SEE SHEET A603A 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.	





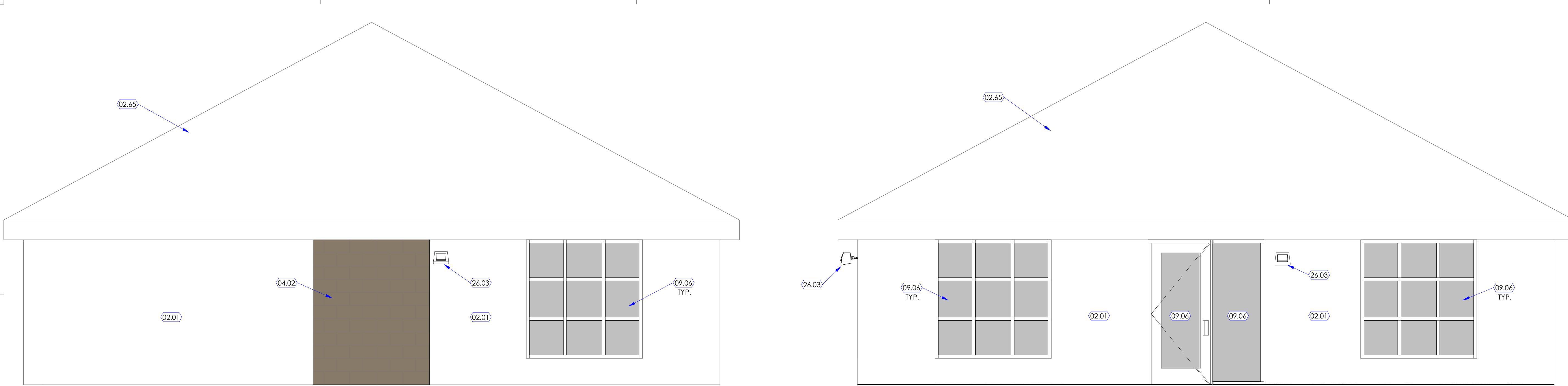
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Activity Center

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A202

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. CONTRACTOR TO COORDINATE WITH ARCHITECT.
- 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.

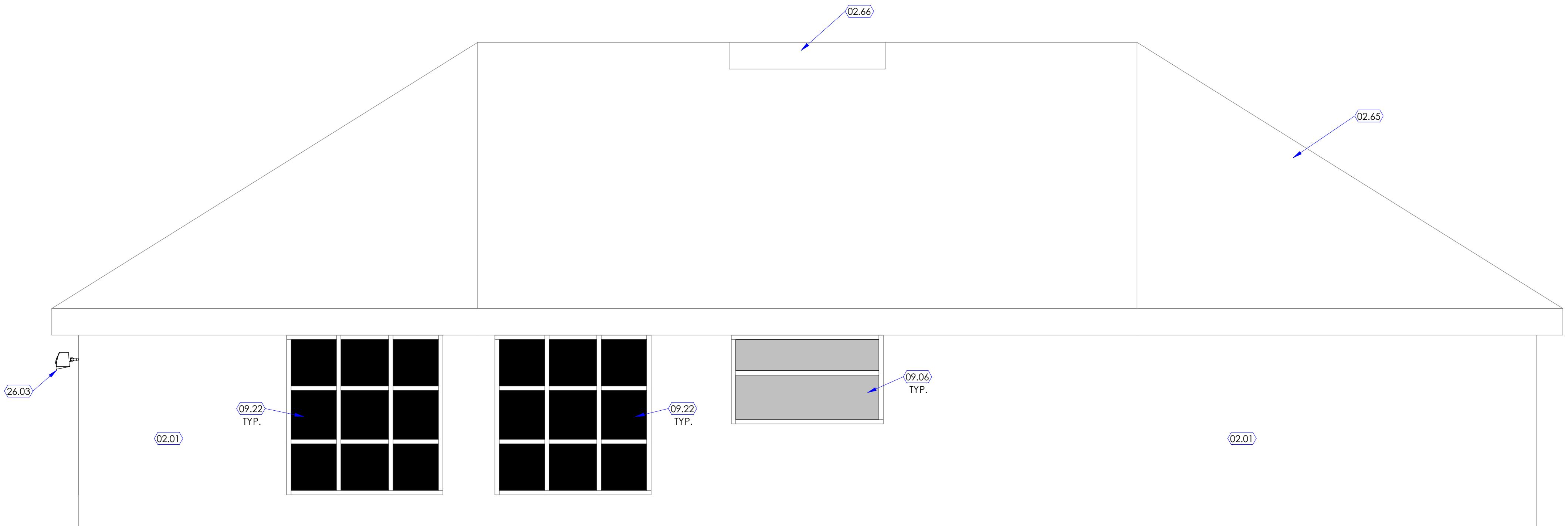


1 North Exterior Elevation

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

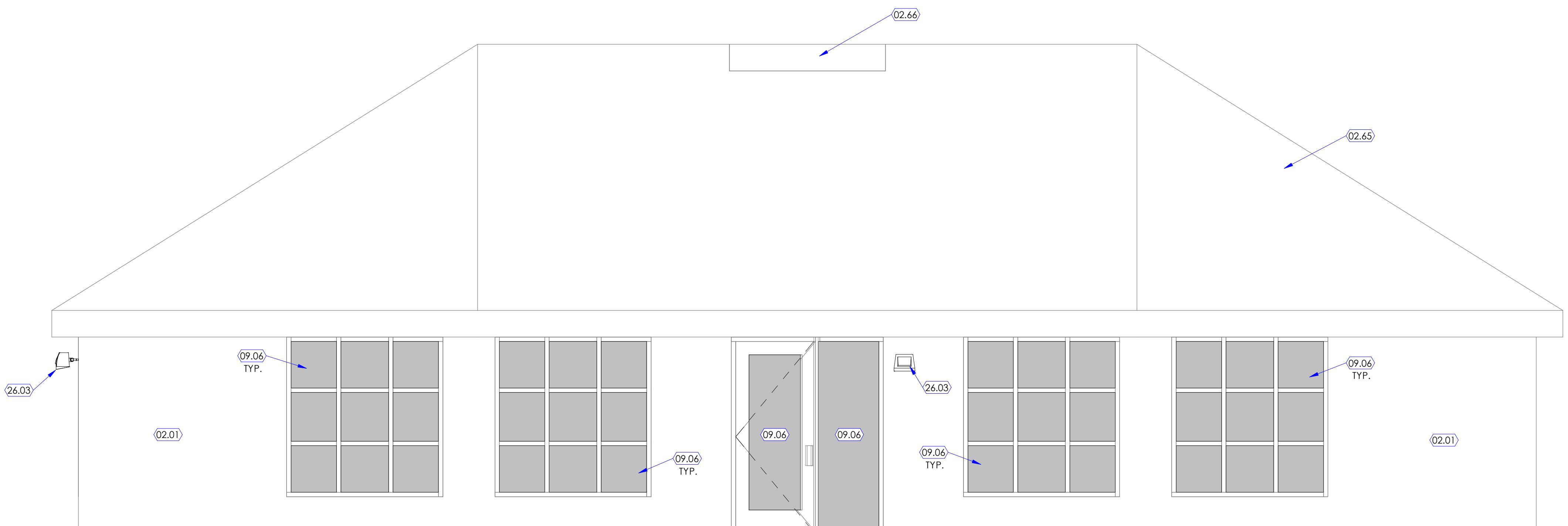
2 South Exterior Elevation

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



3 East Exterior Elevation

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



4 West Exterior Elevation

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

COLOR LEGEND

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

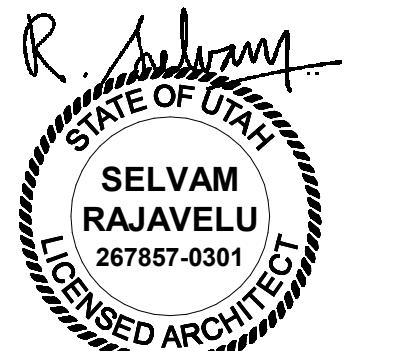
	WINDOW FILM. SEE FINISH FLOOR PLAN AND SCHEDULE
	BLACK OUT WINDOW FILM. SEE FINISH FLOOR PLAN AND SCHEDULE
	CMU VENEER TO MATCH EXISTING ADJACENT. CONTRACTOR TO COORDINATE WITH ARCHITECT.

GENERAL NOTES

- A. SEE SHEET G003 AND GO01R 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.

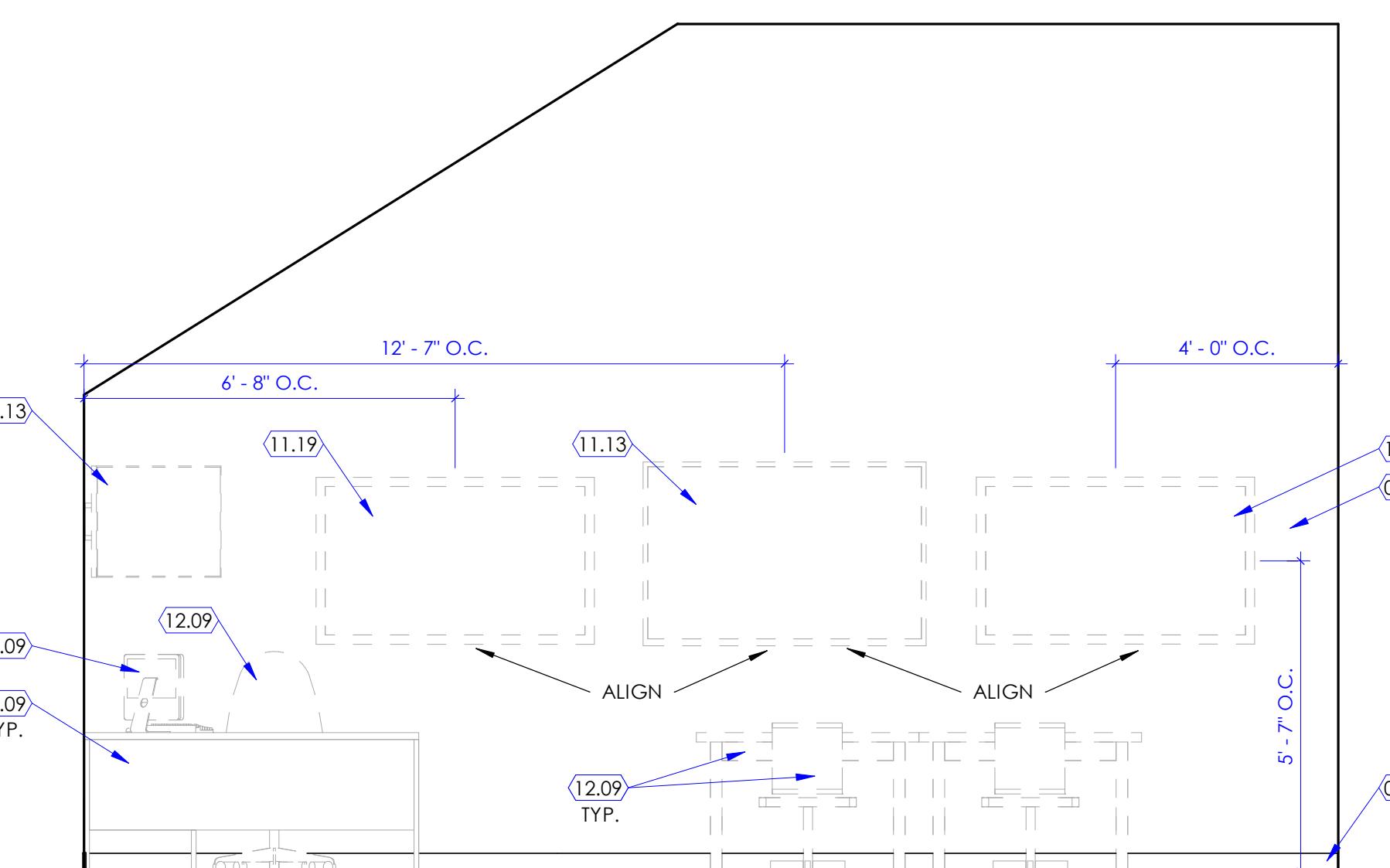
Exterior
Elevations

VIEW & PRINT THIS SHEET IN COLOR FOR CLARITY



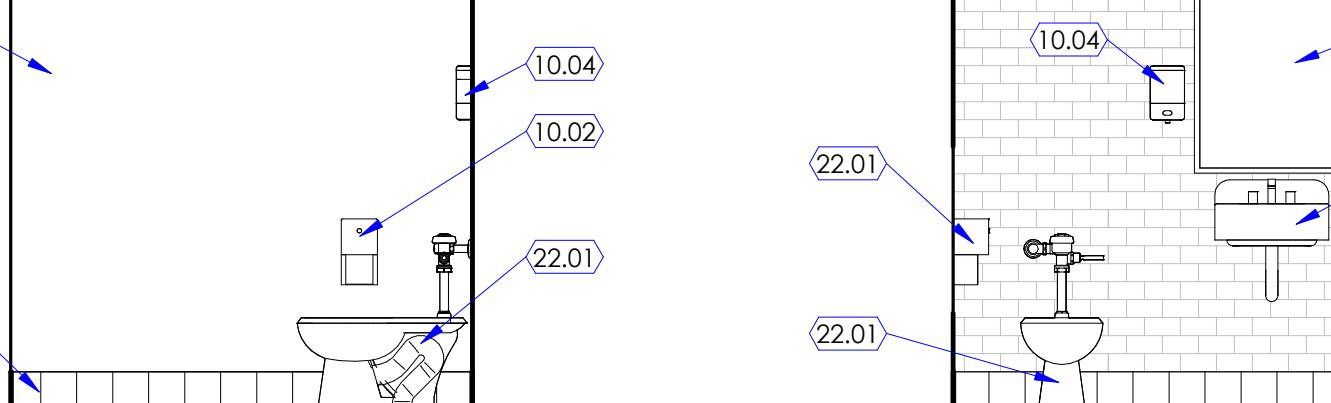
KEYED NOTES

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/A503A, AND INTERIOR ELEVATIONS, FOR CABINET TYPES SUCH AS BASE CABINETS, WALL CABINETS, TALL CABINETS, ETC.
06.02 FILLED PANEL, PLASTIC LAMINATE WRAPPED OVER 3/4" PARTICLE BOARD, PROVIDE FILLED 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 FINISH, SEE FINISH FLOOR PLANS FOR WALL BASE TYPE 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.
09.09 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 DOOR FINISH TAG.
09.23 PARTITION BRACES ON PARTITION 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 COMPUTER STATION, UNLESS NOTED OTHERWISE, THIS APPLIANCE SHALL BE OWNER FURNISHED. CONTRACTOR INSTALLED.
11.09 COMPUTER, NOT IN CONTRACT, OWNER FURNISHED OWNER INSTALLED. 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. PROVIDE METAL BRACKET, PROVIDE POWER, DATA AND HOT/COLD, 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 FINISH FLOOR PLAN AND FINISH 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.



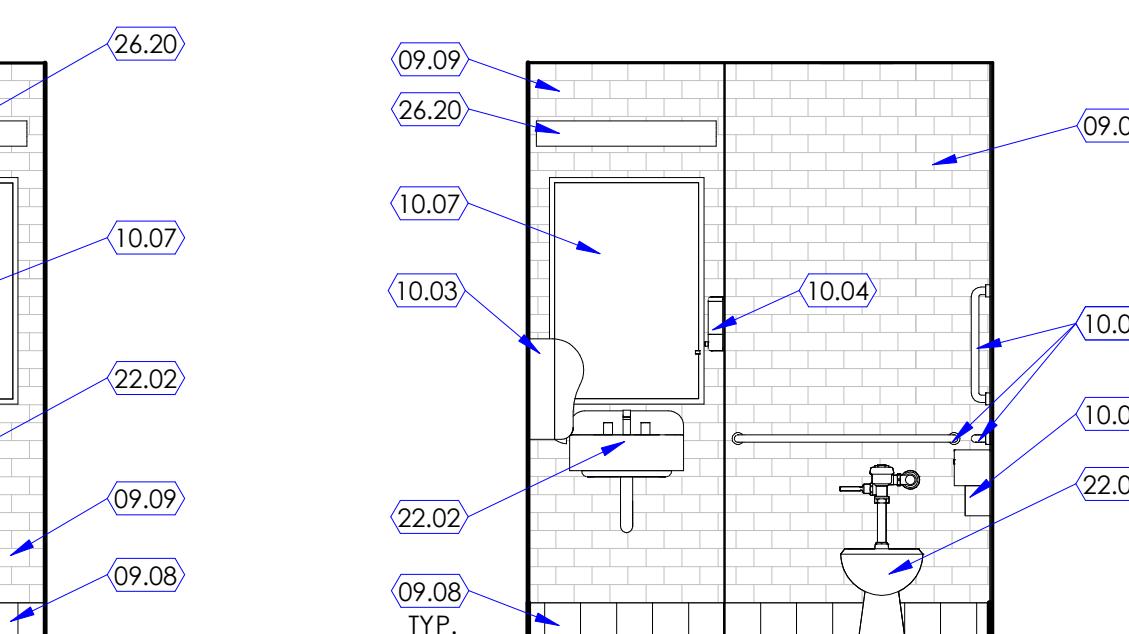
1 A101 Classroom

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



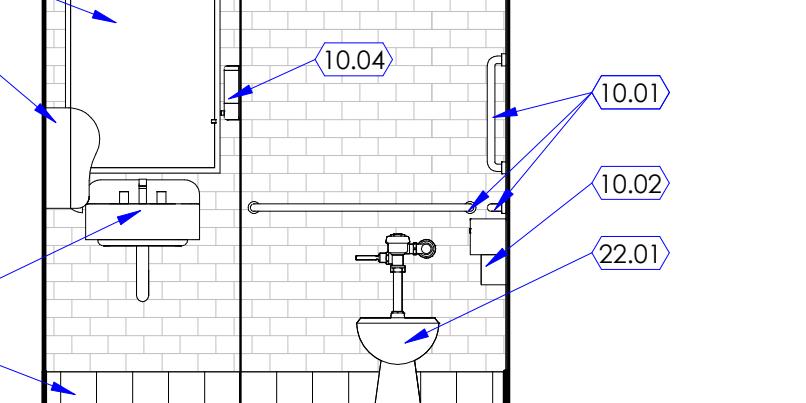
2 A102 Unisex #1

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



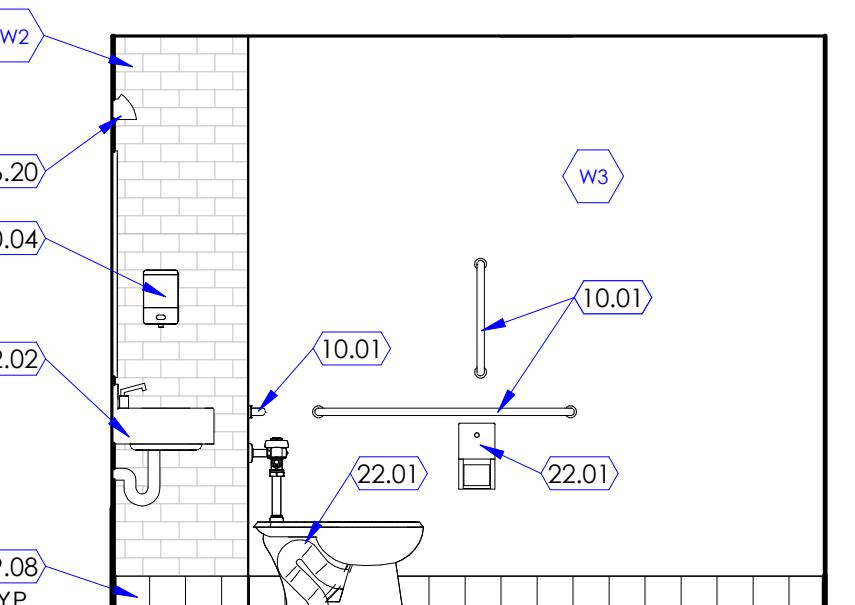
3 A102 Unisex #1

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



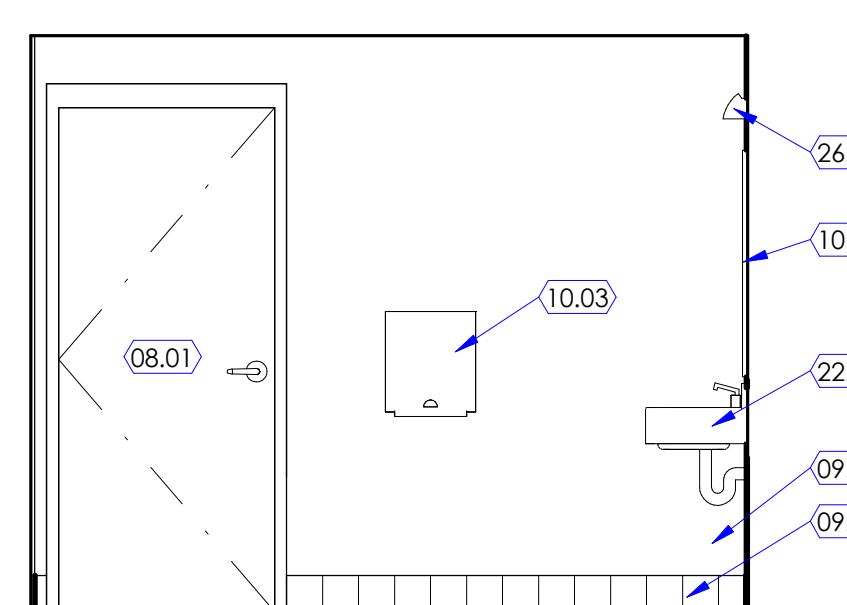
4 A103 Unisex #2 ADA

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



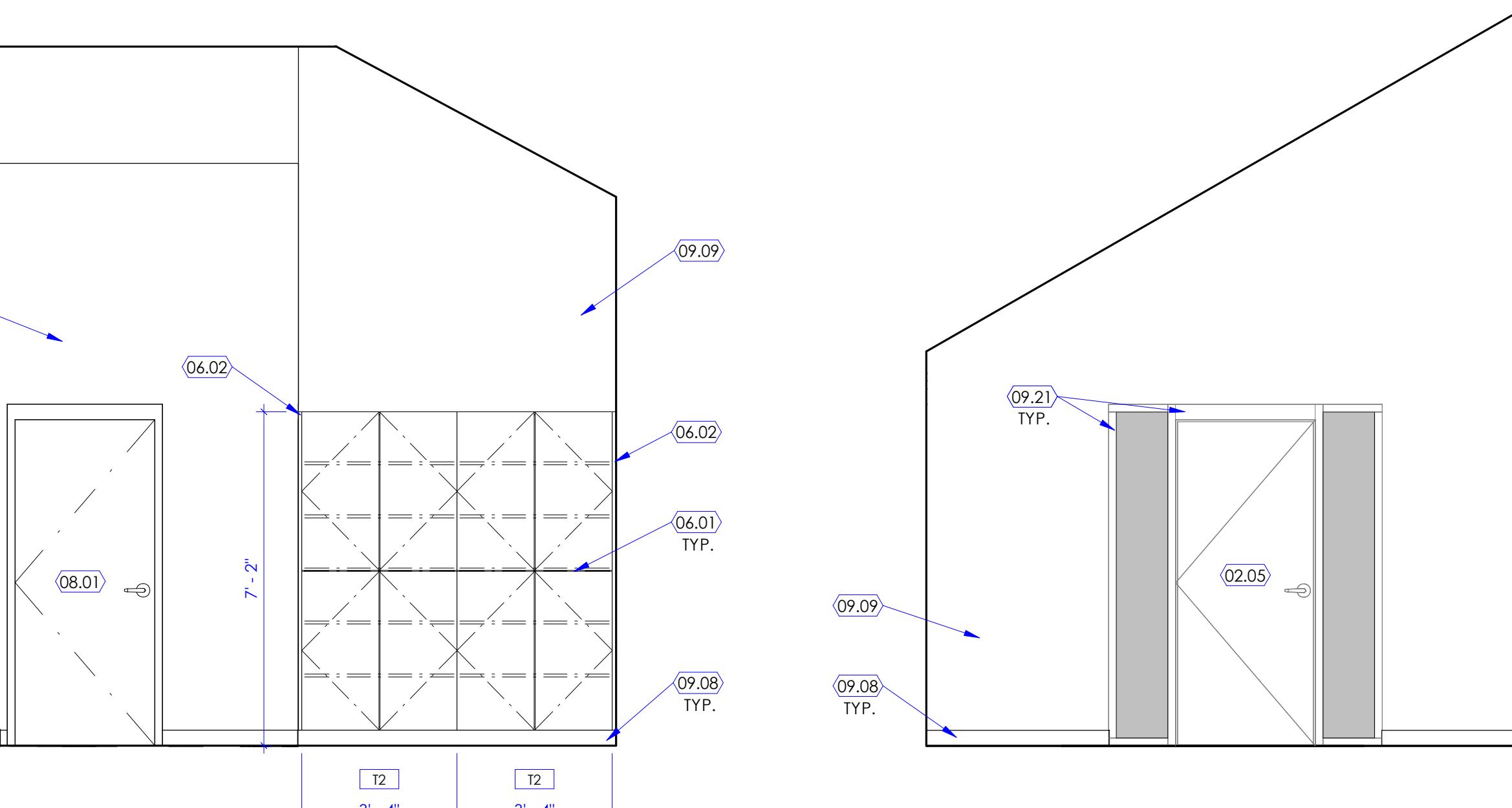
5 A103 Unisex #2 ADA

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



6 A103 Unisex #2 ADA

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

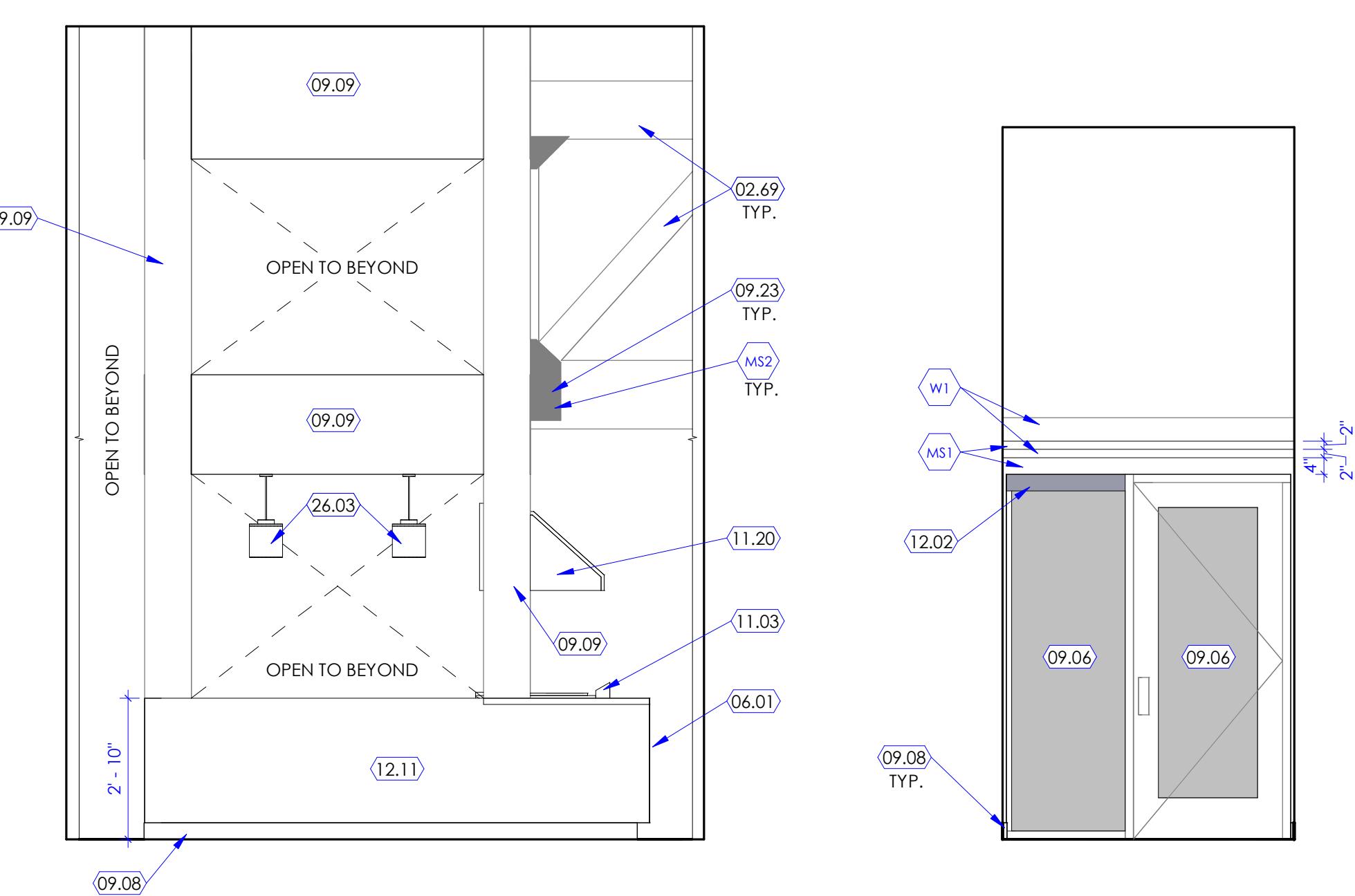


7 A104 Viewing Area

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

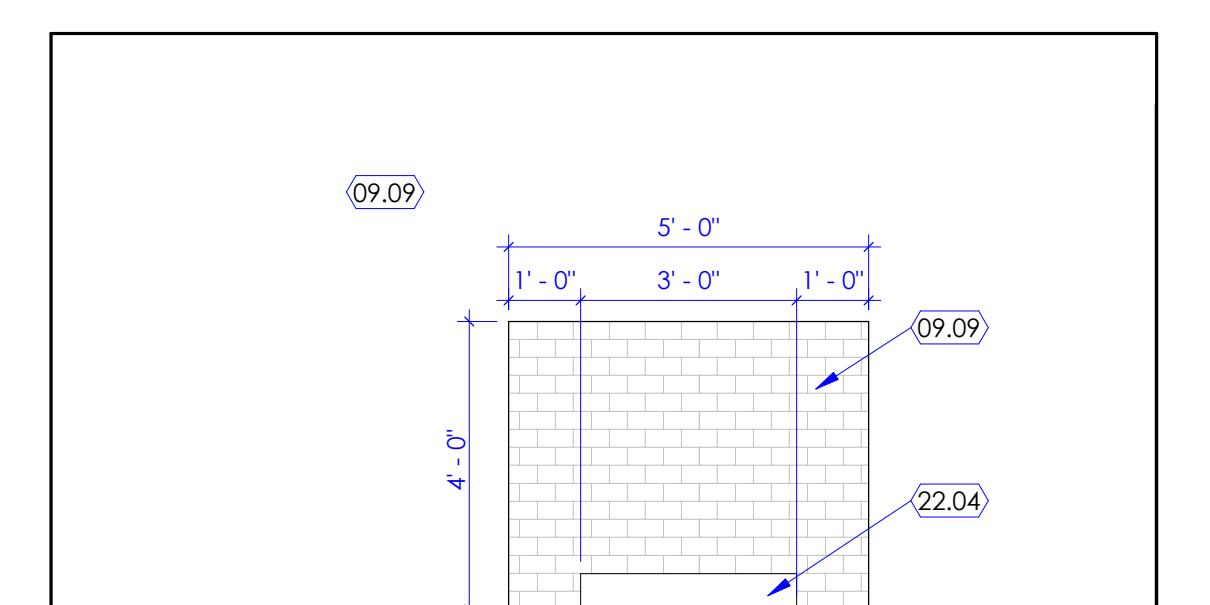
8 Corridor

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



9 Corridor

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



10 Corridor

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

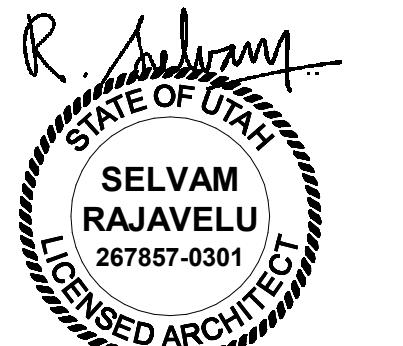
11 Mechanical Room

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

GENERAL NOTES

A. SEE SHEET G003 AND GOVERNING 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.

VIEW & PRINT THIS SHEET IN COLOR FOR CLARITY



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/A50A, AND INTERIOR ELEVATIONS, FOR CABINET TYPES SUCH AS BASE CABINETS, WALL CABINETS, TALL CABINETS, ETC.
 06.02 PROVIDE FILLER PANEL BETWEEN CABINET 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, COLOR, ETC. FOR EACH FLOOR 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 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.
 09.23 PARTITION, SEE FINISH SCHEDULE ON SHEET A603A FOR MATERIAL SIZE, COLOR, ETC. FOR EACH FLOOR FINISH TAG.
 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 DISHWASHER, 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 INTERNET FOR THE TV.
 11.19 WHITE BOARD, NOT IN CONTRACT, OWNER FURNISHED OWNER INSTALLED.
 11.20 CEILING MOUNTED RANGE HOOD, PROVIDE SUPPORT BRACKETS AS REQUIRED PER MANUFACTURER'S RECOMMENDATIONS. SEE ELECTRICAL AND MECHANICAL DRAWINGS.
 12.02 ROLLER WINDOW SHADE, SEE FINISH FLOOR PLAN AND FINISH SCHEDULE.
 12.08 COUNTERTOP, MONOLITHIC MATERIAL, QUARTZITE WITH WATERFALL EDGE, SEE INTERIOR ELEVATIONS, FINISH FLOOR PLAN AND SCHEDULE.
 12.11 COUNTERTOP, MONOLITHIC MATERIAL, QUARTZITE 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.

Owner
Utah School for the Deaf and Blind
Activity Center

740 S Harrison Blvd.
Ogden, UT 84404

NJRA Project # 27707.00
Construction Documents Sept 02, 2022

Interior
Elevations

A252

VIEW & PRINT THIS SHEET IN COLOR FOR CLARITY

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

A circular stamp with a decorative outer border. The text "STATE OF UTAH" is curved along the top inner edge, and "LICENSED ARCHITECT" is curved along the bottom inner edge. In the center, the name "SELVAM RAJAVELU" is printed above the number "267857-0301". A handwritten signature "R. Selvam Rajavelu" is written across the top of the stamp.

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 6" 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 EXTERIORS 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

Utah School for the Deaf and Blind Activity Center

742 S Harrison Blvd.
Ogden, UT 84404

1 Wall Section @ Upper Wall Infilling

SCALE: 3/4" = 1'-0"

2 Wall Section @ Exterior Wall

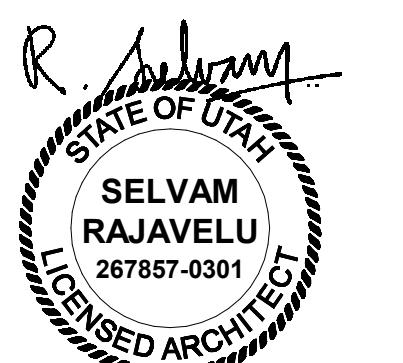
(2)

3 Wall Section @ Window

3) SCALE: 3/4" = 1'-0"

Wall Sections

A351



Utah School for the Deaf and Blind Activity Center

740 S Harrison Blvd.
Ogden, UT 84404

NJRA Project #
27707.00
Construction Documents
Sept 02, 2022

Wall Types

A501A

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 #A502B
- STUD FRAMING AROUND DUCT OPENINGS.
- 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 DUCT OPENINGS, USE 16 GA STUDS AT 16" O.C. U.N.O.
- LINE OF CEILING AS OCCURS, SEE REFLECTED CEILING PLAN.
- STEEL STUDS, "C-H" SHAPED, 20 GA STRUCTURAL AT 24" O.C.
- PROVIDE ACOUSTIC INSULATION BLANKET FOR FULL DEPTH OF THE STUD CAVITY THROUGHOUT UNO. FOR 4" & 3 5/8" STUDS PROVIDE R-13 UNFACED BATT INSULATION AND FOR 6" STUDS PROVIDE R-19 UNFACED BATT INSULATION.
- PROVIDE KRAFT FACED INSULATION FOR ALL APPLICATIONS AT EXTERIOR WALLS.
- GYPSUM BOARD 1/2" THICK, TYPE-X, U.N.O. ATTACHED TO METAL STUD FRAMING. SEE GENERAL NOTES B BELOW.
- ANCHOR BASED TRACK TO CONCRETE FLOOR BELOW. SEE DETAIL #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 FIRE BARRIER WALL (CONTINUOUS) AND AROUND ALL PENETRATIONS TO MAINTAIN THE INTEGRITY 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 PARTITION WALLS. TYPE-X.
- PROVIDE STUDS, PLATE AND BLOCKING AT FURRING WALL. SEE DETAIL #A502A
- LINE INDICATES EXISTING WALL OR STRUCTURE. PROVIDE 1/4" AIR GAP.
- GYPSUM BOARD SHAFTRUNNER PANEL, 1/16" THICK, TYPE-X, ATTACHED TO "C-H" STUDS.
- SHAFTRUNNER, "J" 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 OF STAIR.
- STOP PLATE, 3/16" THICK, 1/4" O.D. DIA. MULTI-HY200 EPOXY ANCHORS WITH 2-3/8" DIA. HOLE, 2-3 ANCHORS, EMBED INTO CONCRETE 2-3/8".
- TOUBE STEEL, 3" x 3/16" AT 6" O.C.
- WALL CAP, ATTACHED TO WALL BELOW. SEE FINISH SCHEDULE FOR MATERIAL.
- PLYWOOD, 3/4" THICK, CONTINUOUS FIRE TREATED. ATTACH PLYWOOD TO VERTICAL STEEL POST WITH L-SHAPED METAL CLIPS AND FASTENERS.
- PROVIDE 1/4" RADIUS ROUNDED EDGE, CONTINUOUS.
- METAL STUDS 16 GA STRUCTURAL (33 MILS) AT 16" O.C. PROVIDE RUNNERS AT TOP AND BOTTOM. ATTACH TOP RUNNER TO PLYWOOD AND VERTICAL STEEL POST.
- LINE OF FLOOR.
- REINFORCED CHANNEL, 2" X 1/2", INSTALLED HORIZONTALLY AND SPACED AT 24" O.C.
- WHERE CONDITIONS PROHIBIT EXTENDING STUDS TO DECK, PROVIDED CROSS BRACING FROM TOP RUNNER OF WALL TO STRUCTURE ABOVE WITH 3-5/8" 20 GA STUDS AT 4'-0" O.C. ALTERNATE DIRECTION OF BRACING TO STRUCTURE EVERY 48" AS CONDITIONS ALLOW.
- TOP TRACK, 18 GA, REQUIRED AT CROSS-BRACED WALLS.

Type - A
Metal Stud Furring Wall

WALL TYPE	STUD SIZE	WALL WIDTH
A1	1 1/2"	2 1/8"
A2	2 1/2"	3 1/8"
A3	3 5/8"	4 1/4"
A6	6"	6 5/8"

Type - B
Typical Metal Stud Wall

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

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

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

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

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

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

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

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

WALL TYPE	STUD SIZE	WALL WIDTH
F2	2 1/2"	3 3/4"
F4	4"	4 7/8"
F6	6"	7 1/4"

Type - G
Smoke Partition

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

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

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

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

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

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

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

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

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

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

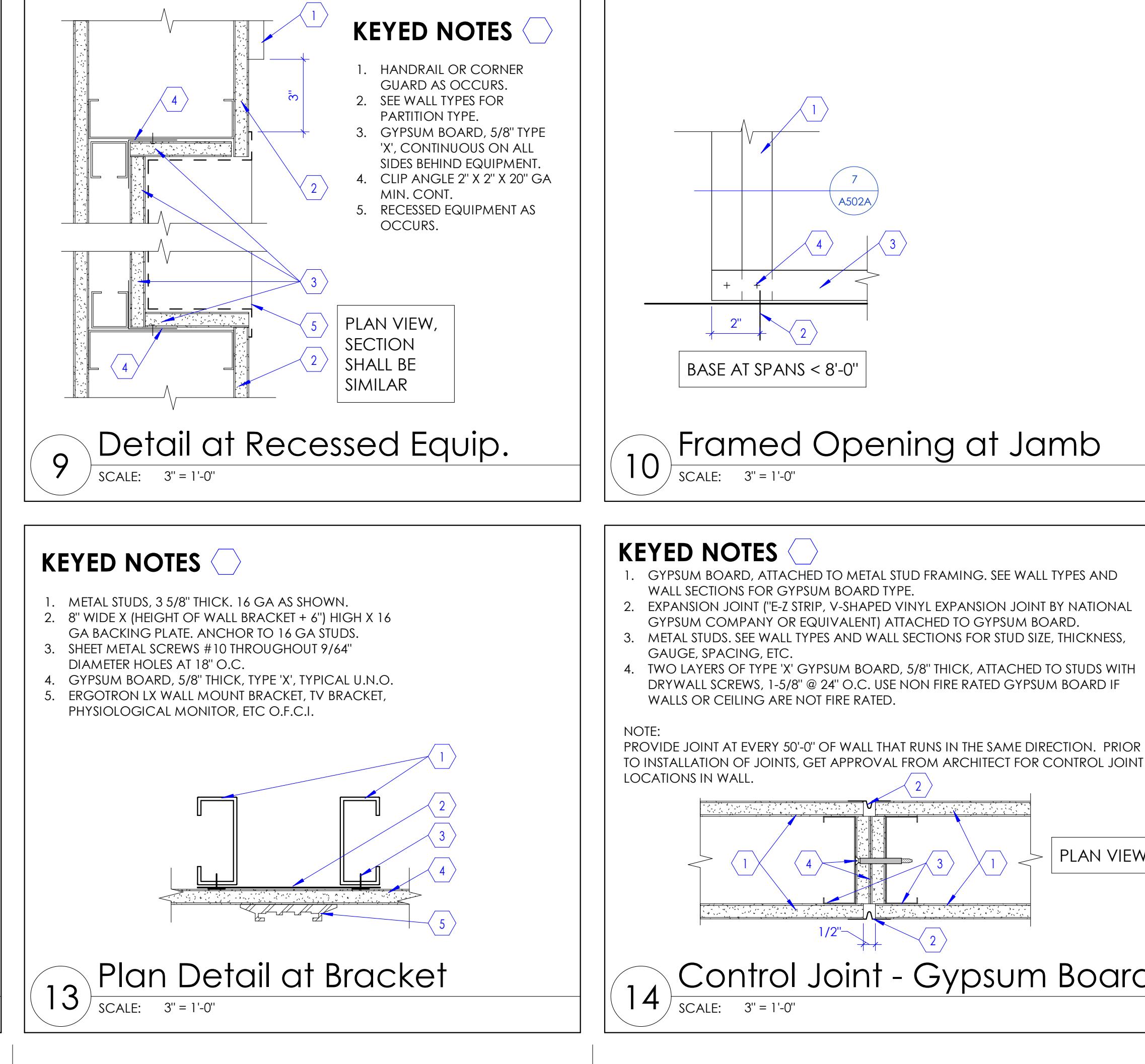
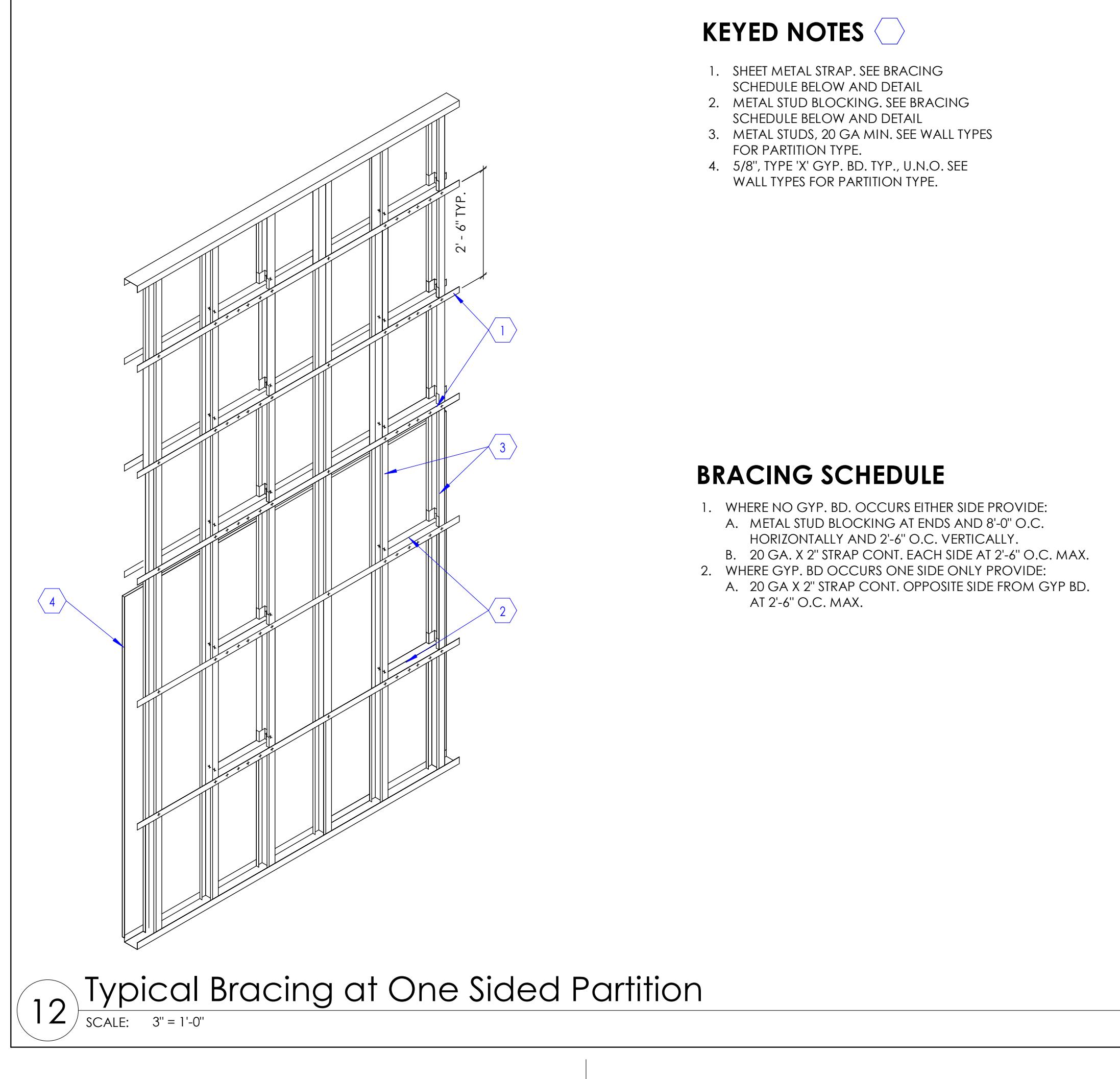
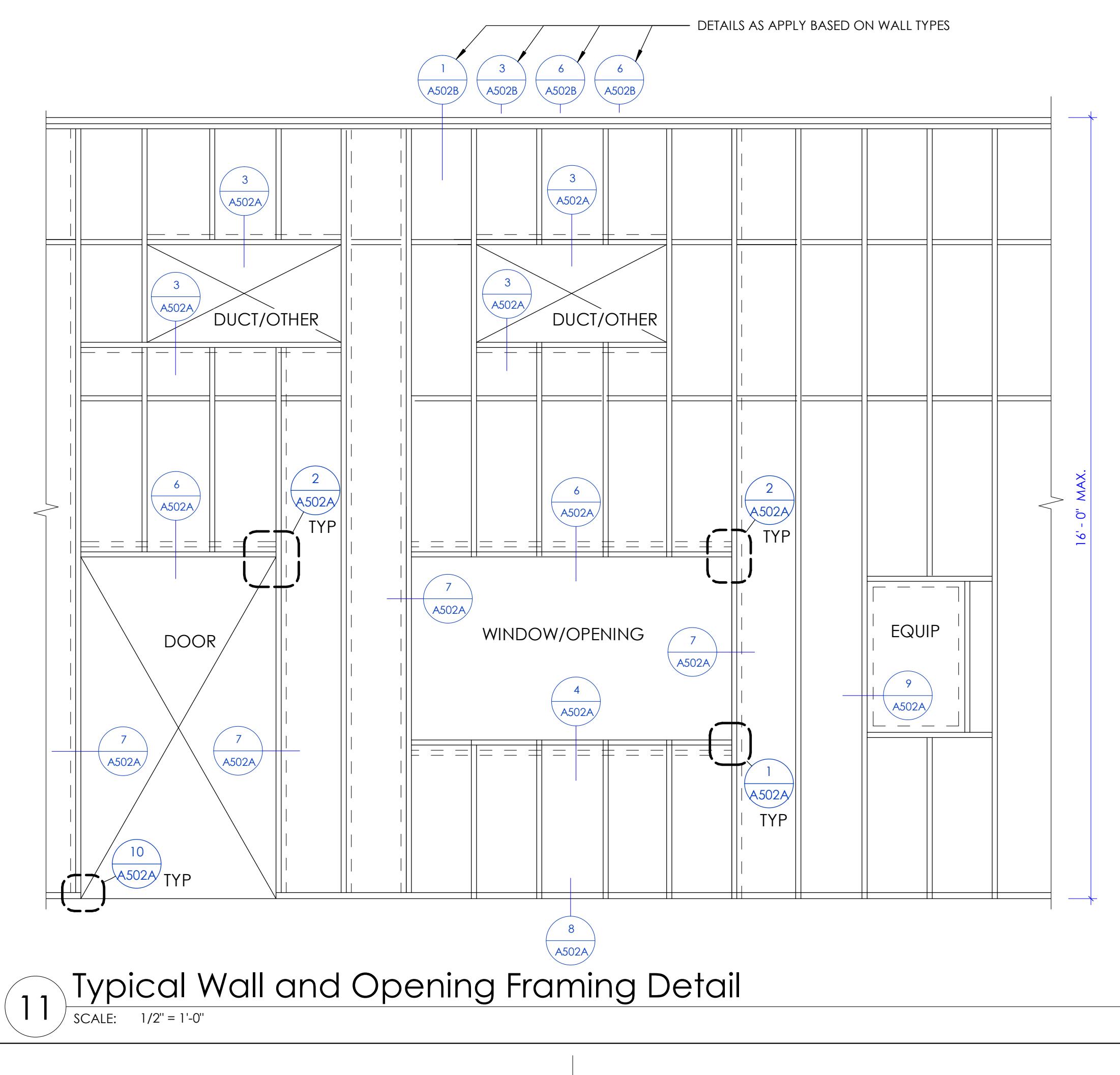
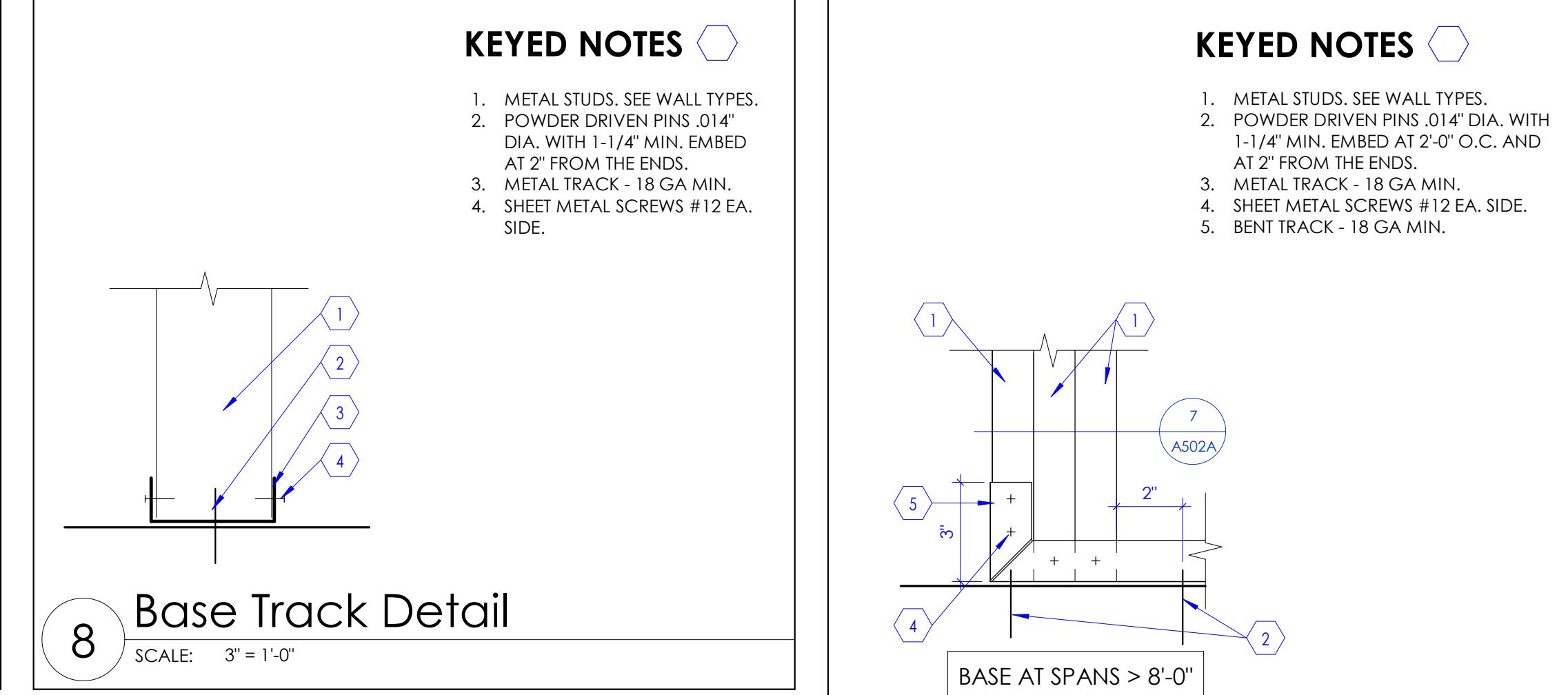
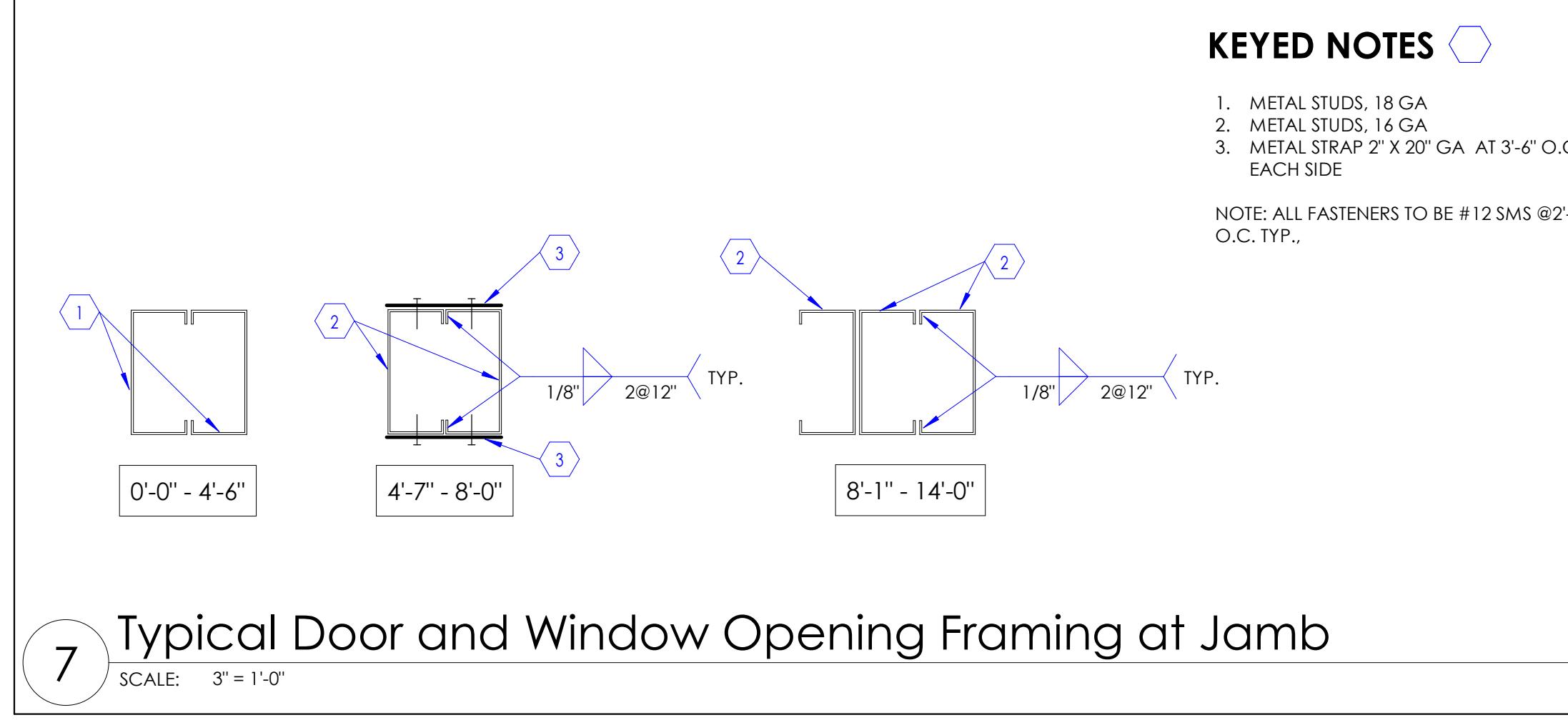
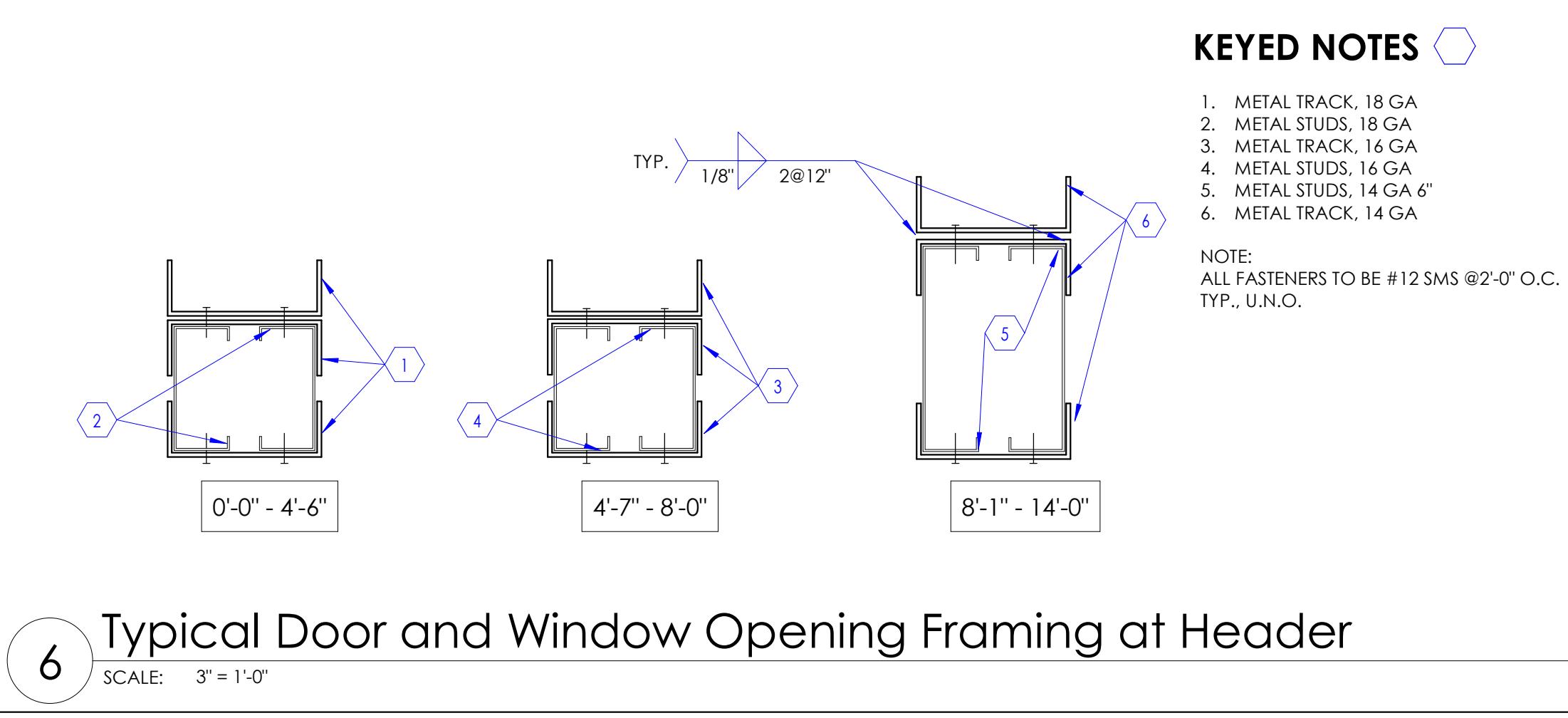
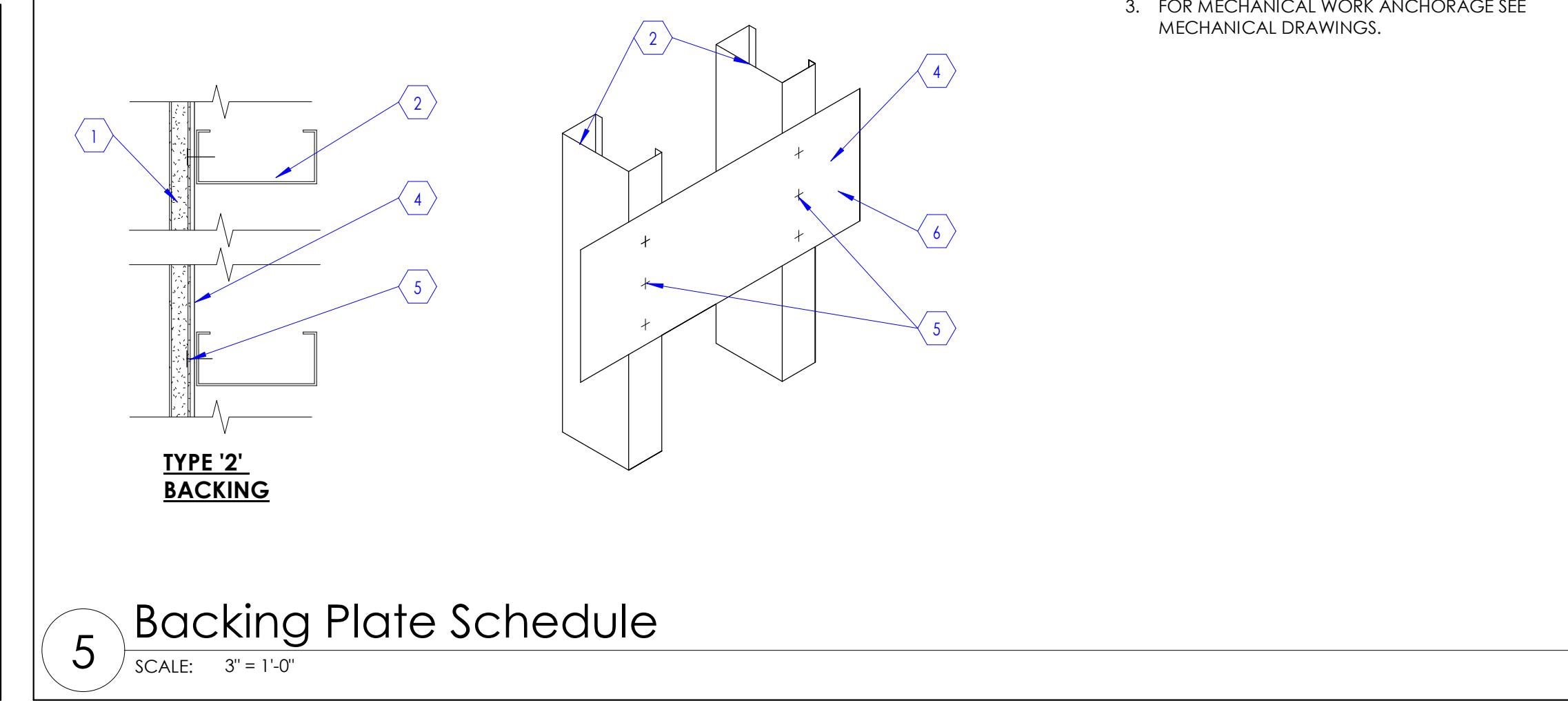
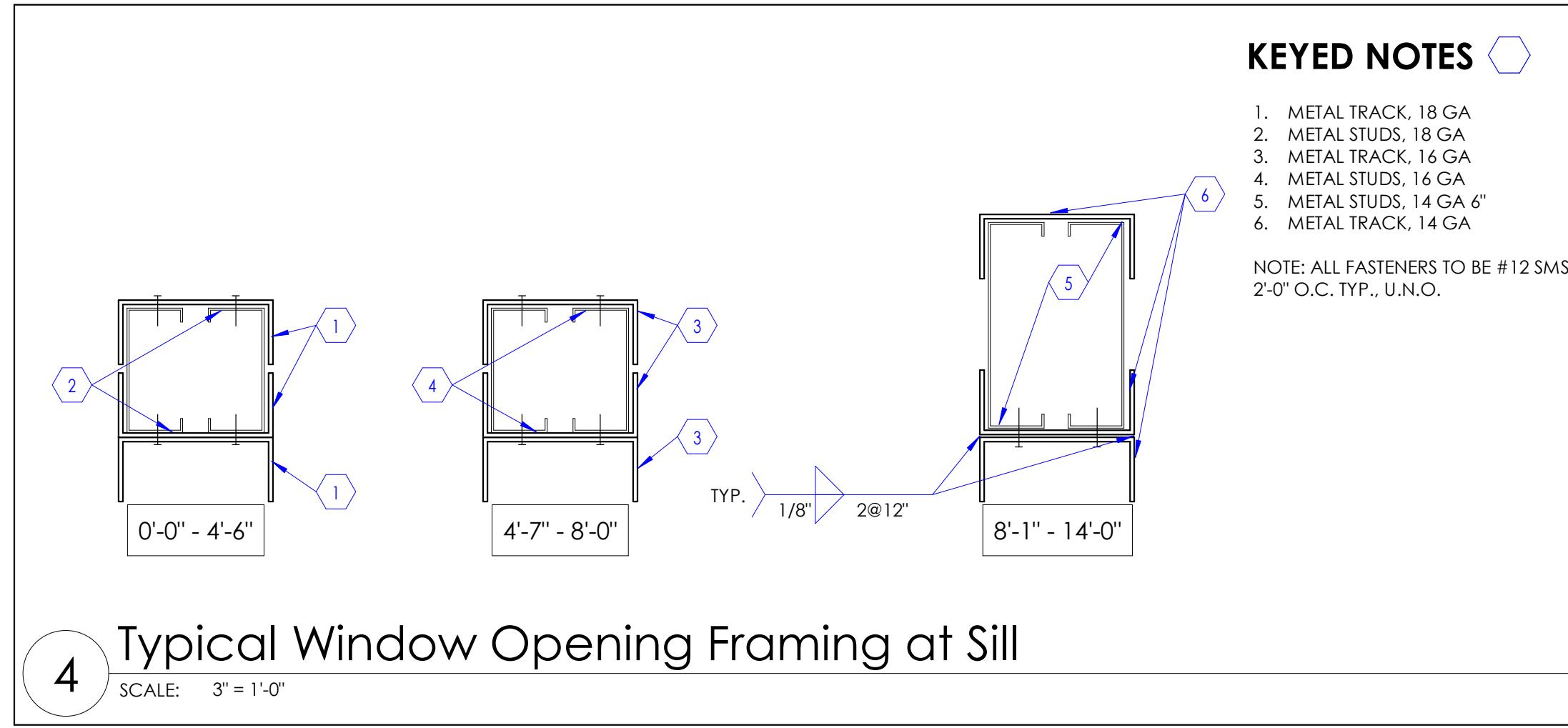
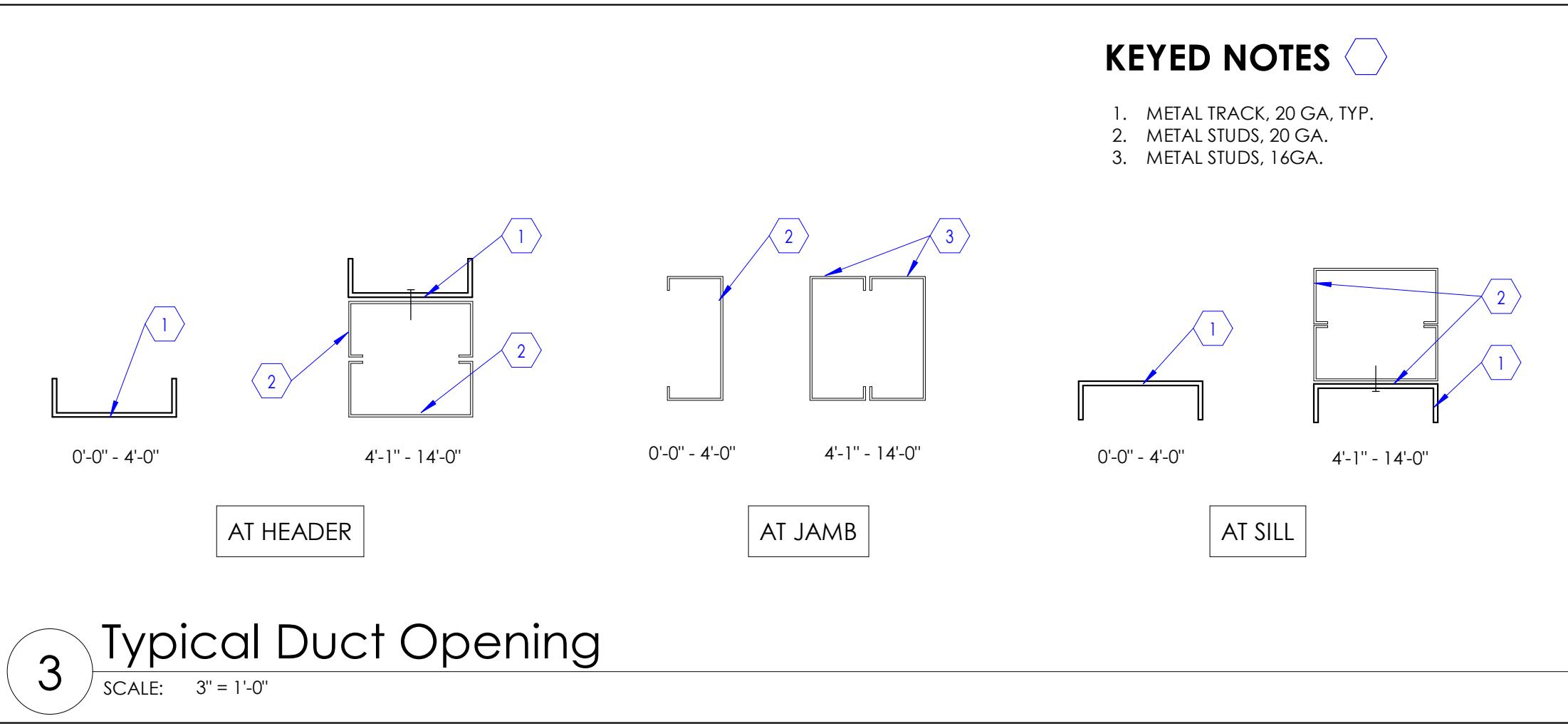
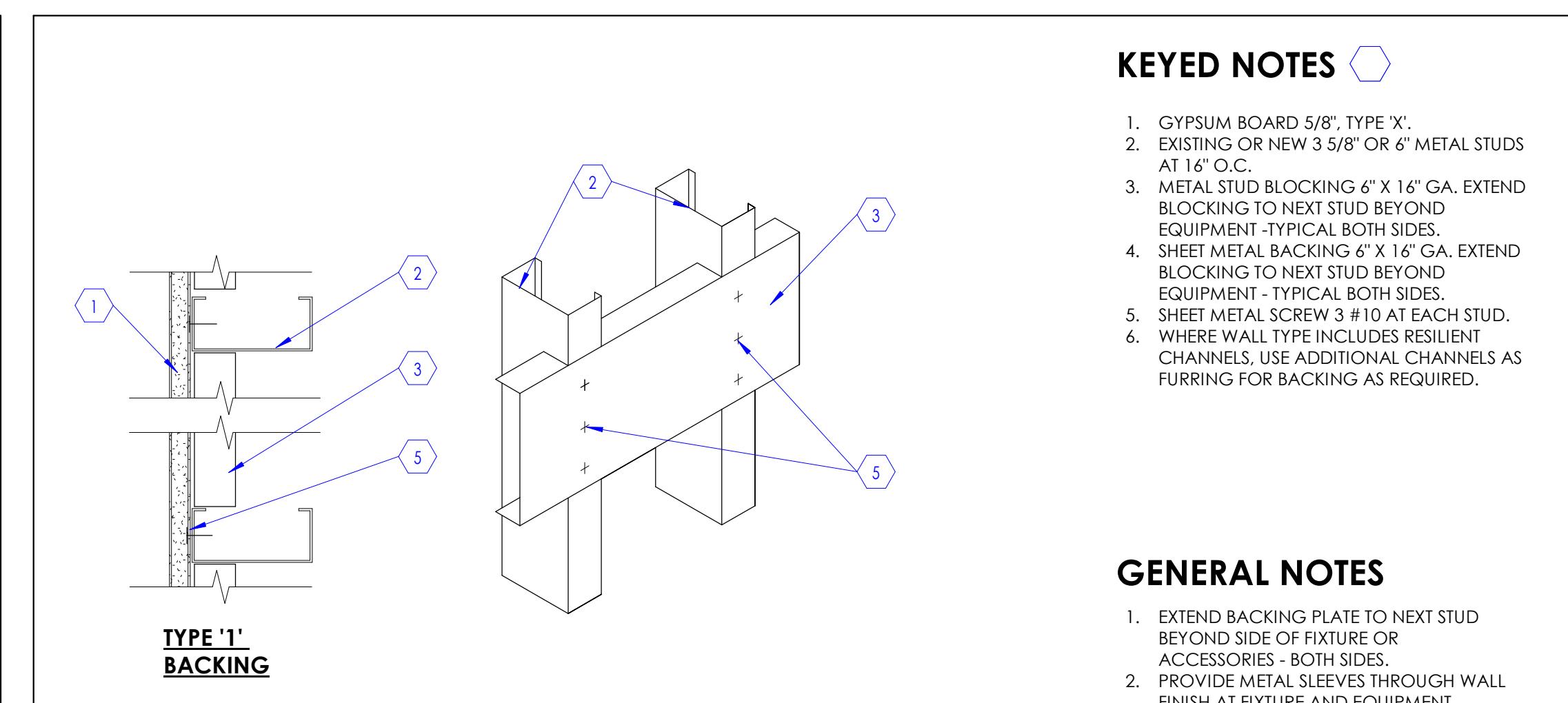
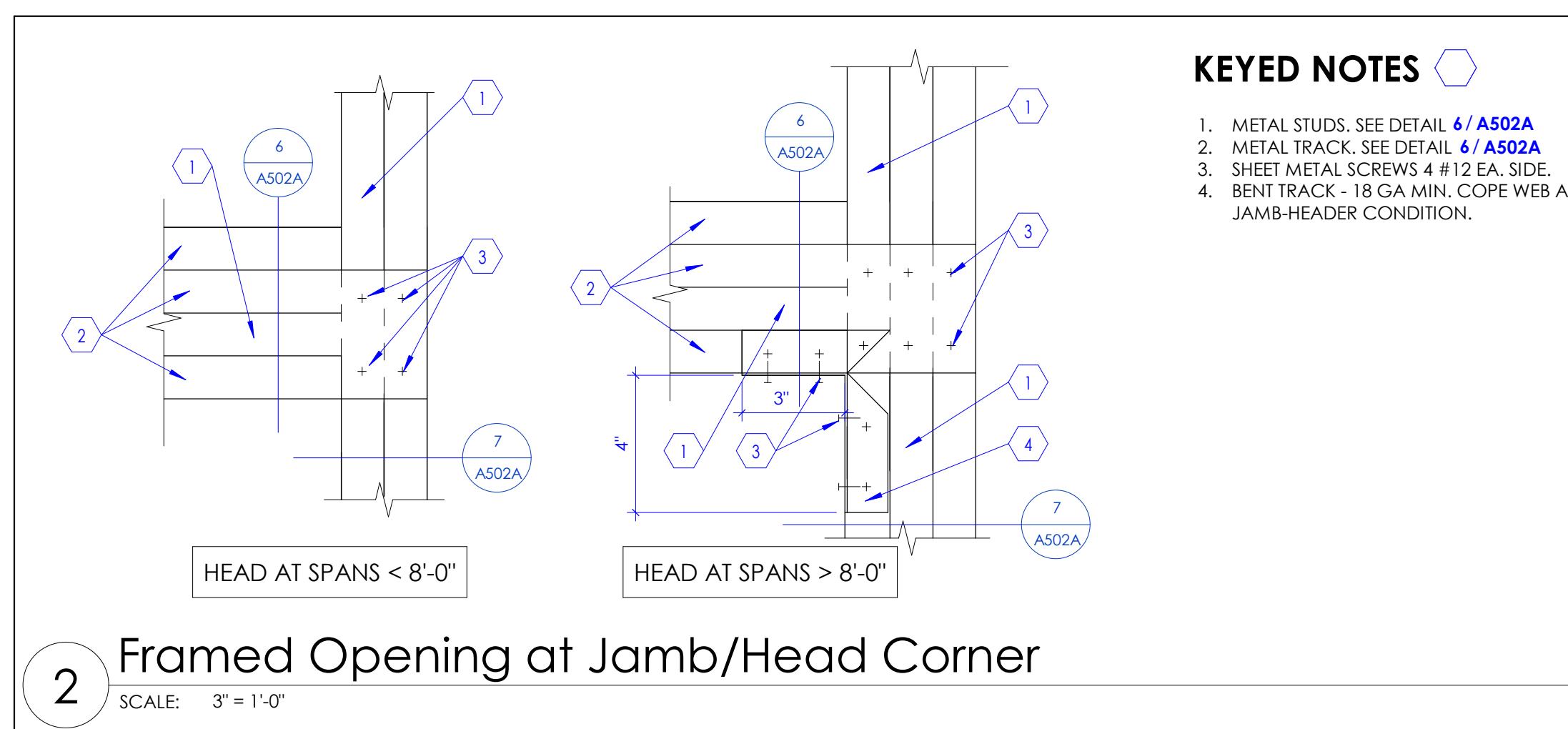
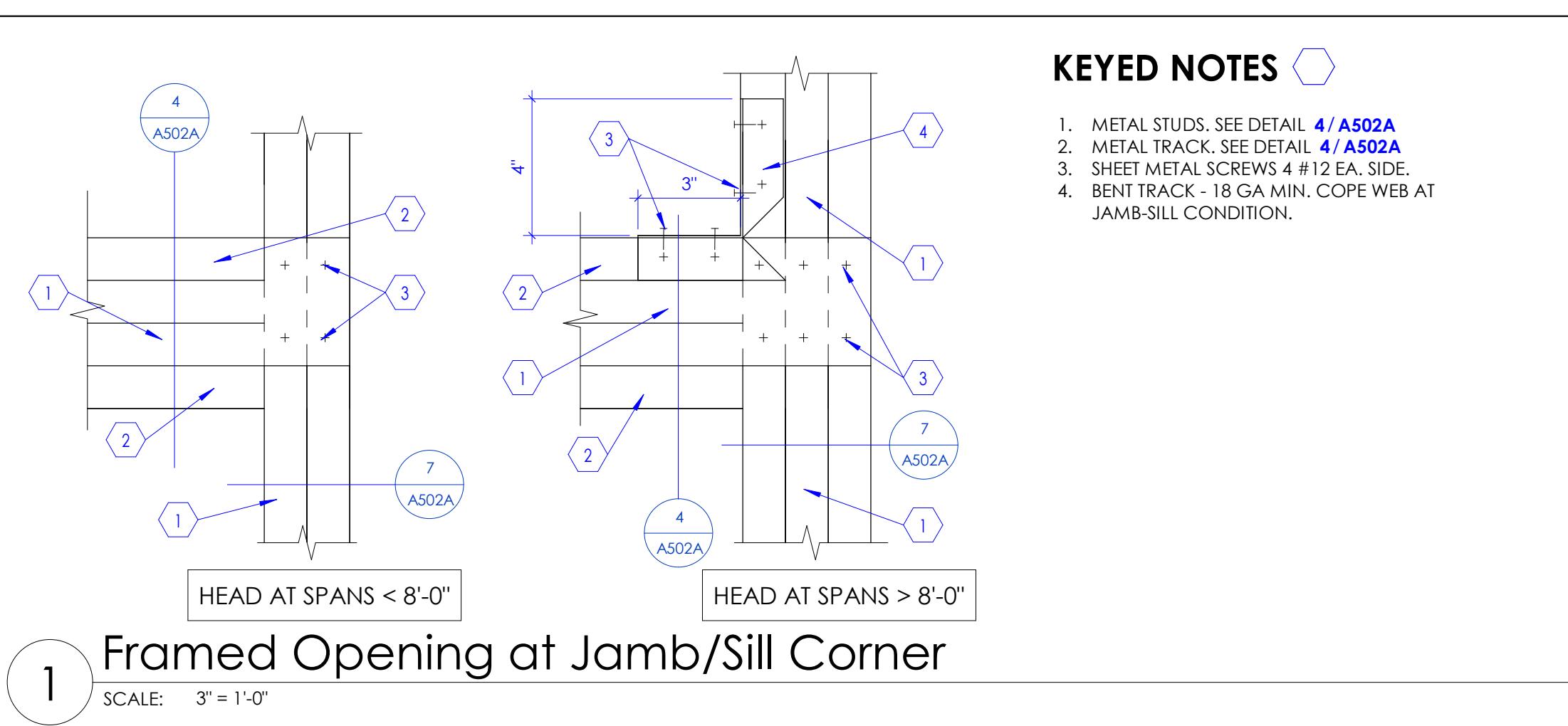
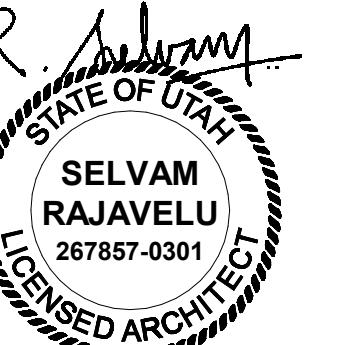
WALL TYPE	STUD SIZE	WALL WIDTH
M3	3 5/8"	6 1/8"
M4	4"	6 1/2"
M6	6"	8 1/2"

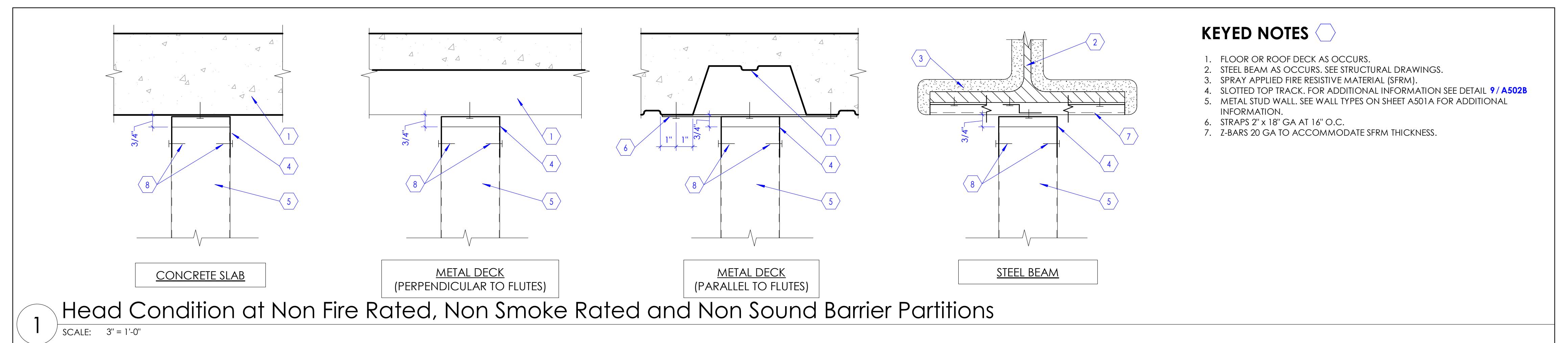
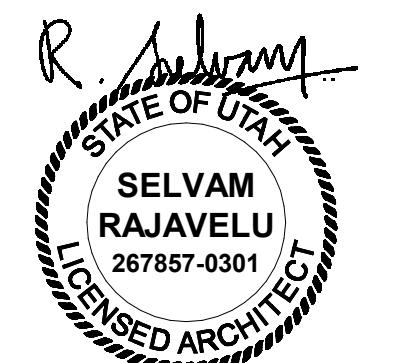
Type - N
2 Hour Fire Rated
Sound Barrier 50 STC
Sound Attenuation (STC) Test: NGC 25116

WALL TYPE	STUD SIZE	WALL WIDTH
N3	3 5/8"	4 7/8"
N4	4"	5 1/4"
N6	6"	7 1/4"

Type - P
Partial Height Wall

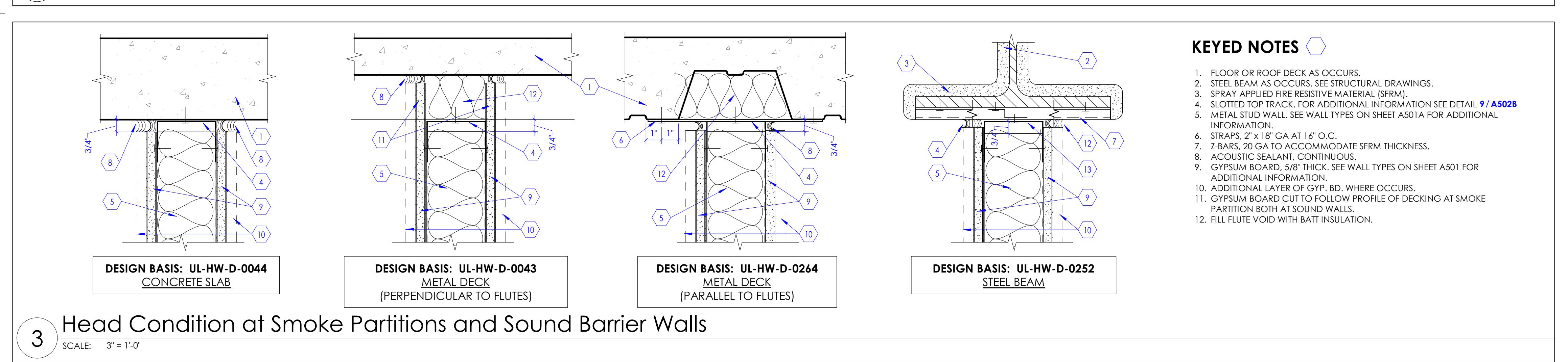
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Wall Types (Note: See dimension floor plans for locations of wall types used in this project. Some wall types shown above may not be used in this project.)
SCALE: 1 1/2" = 1'-0"





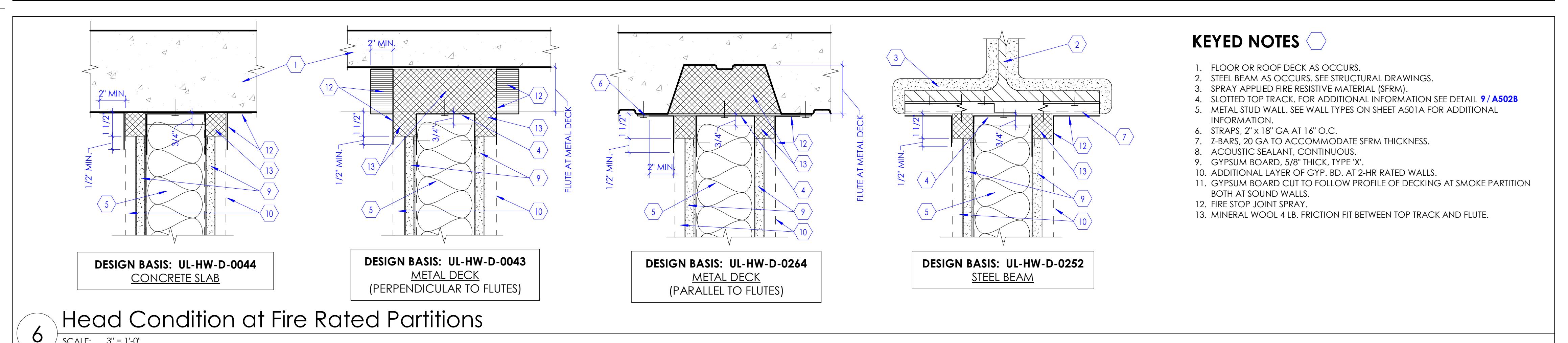
KEYED NOTES

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



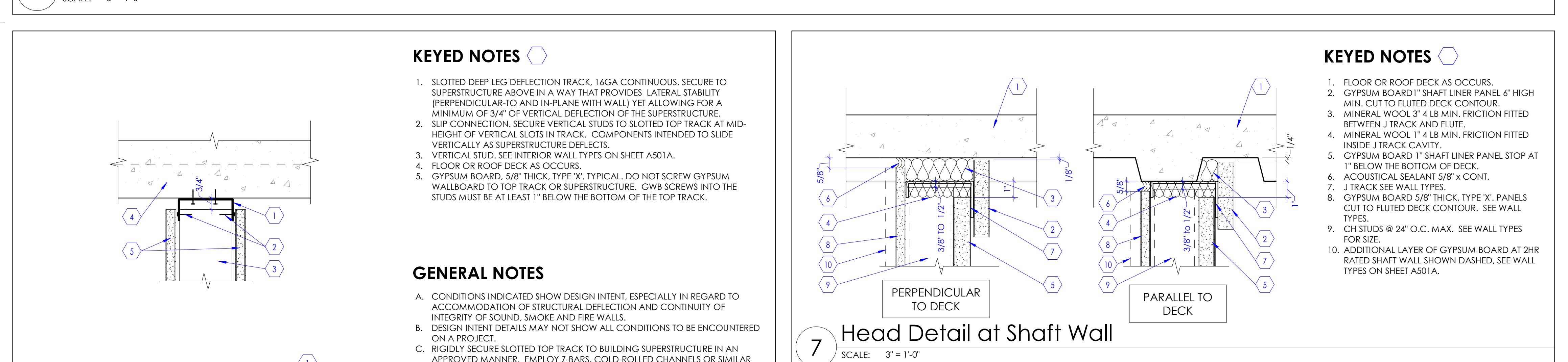
KEYED NOTES

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



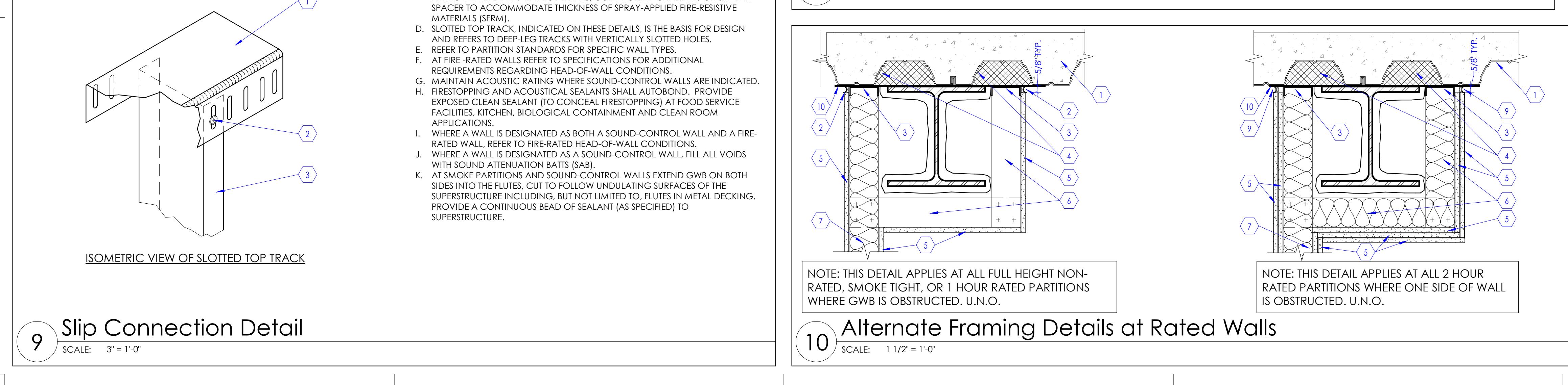
KEYED NOTES

1. FLOOR OR ROOF DECK AS OCCURS.
2. STEEL BEAM AS OCCURS, SEE STRUCTURAL DRAWINGS.
3. SPRAY APPLIED FIRE RESISTIVE MATERIAL (SFRM).
4. SLOPED TOP TRACK, FOR ADDITIONAL INFORMATION SEE DETAIL [9/A502B](#).
5. METAL STUD WALL, SEE WALL TYPES ON SHEET A501A FOR ADDITIONAL INFORMATION.
6. STRAPS, 2" x 18" GA AT 16" O.C.
7. Z-BARS, 20 GA TO ACCOMMODATE SFRM THICKNESS.
8. ACOUSTICAL SEALANT, CONTINUOUS.
9. GYPSUM BOARD, 5/8" THICK, TYPE 'X'.
10. ADDITIONAL LAYER OF GYPSUM BOARD, 5/8" THICK, TYPE 'X'.
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.



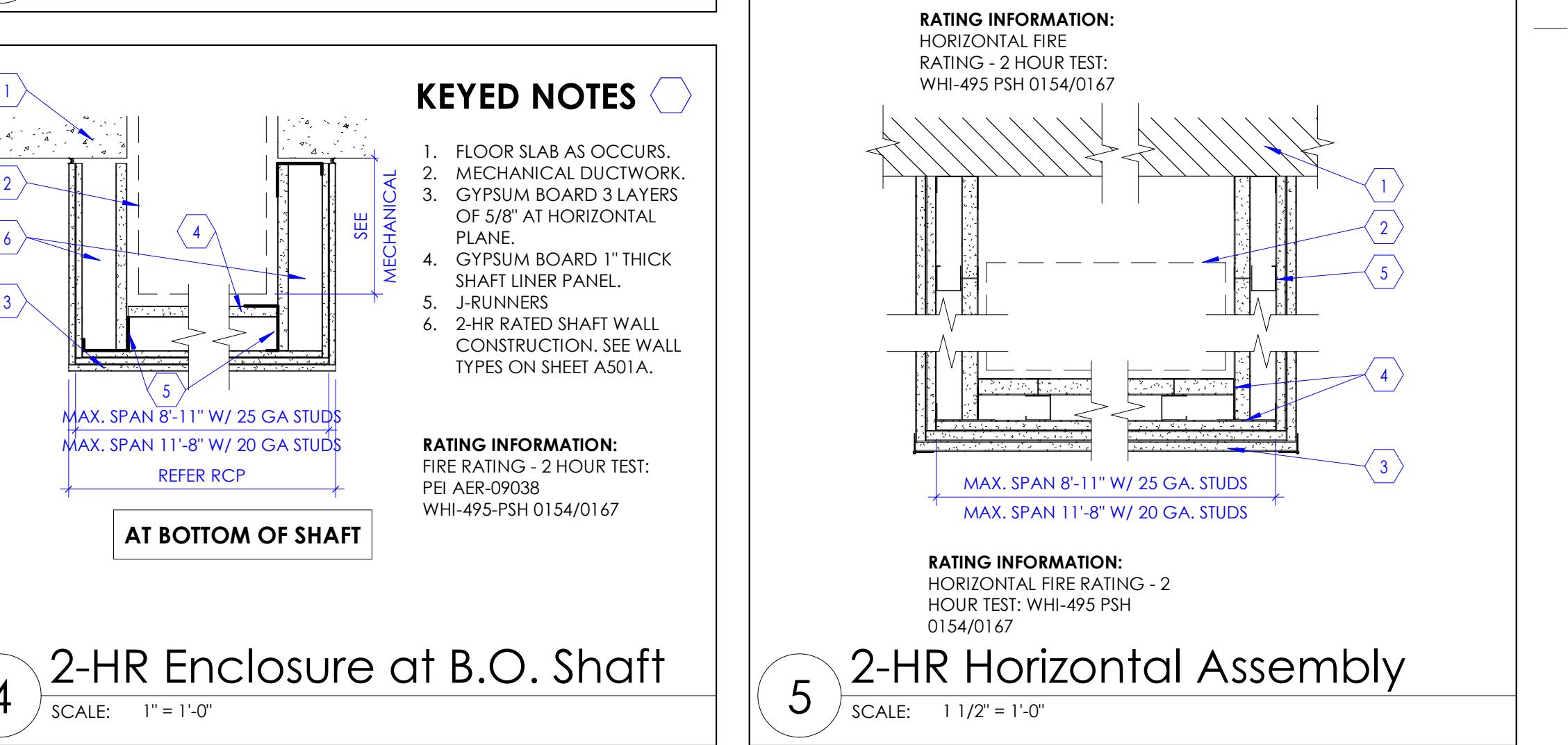
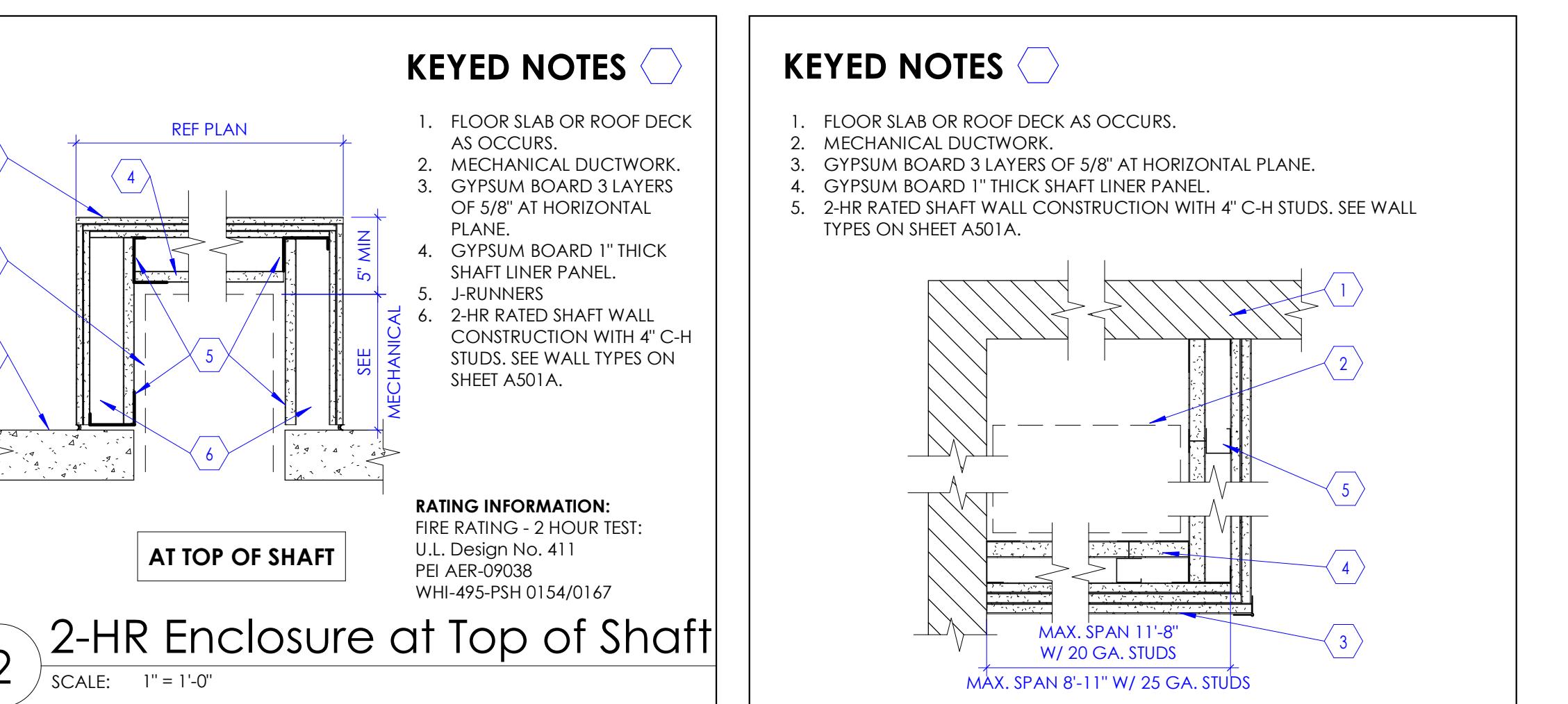
KEYED NOTES

1. FLOOR OR ROOF DECK AS OCCURS.
2. GYPSUM BOARD 1" SHAFT 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 BETWEEN J TRACK AND FLUTE.
5. GYPSUM BOARD 1" SHAFT 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 2HR RATED SHAFT WALL SHOWN DASHED. SEE WALL TYPES ON SHEET A501A.



KEYED NOTES

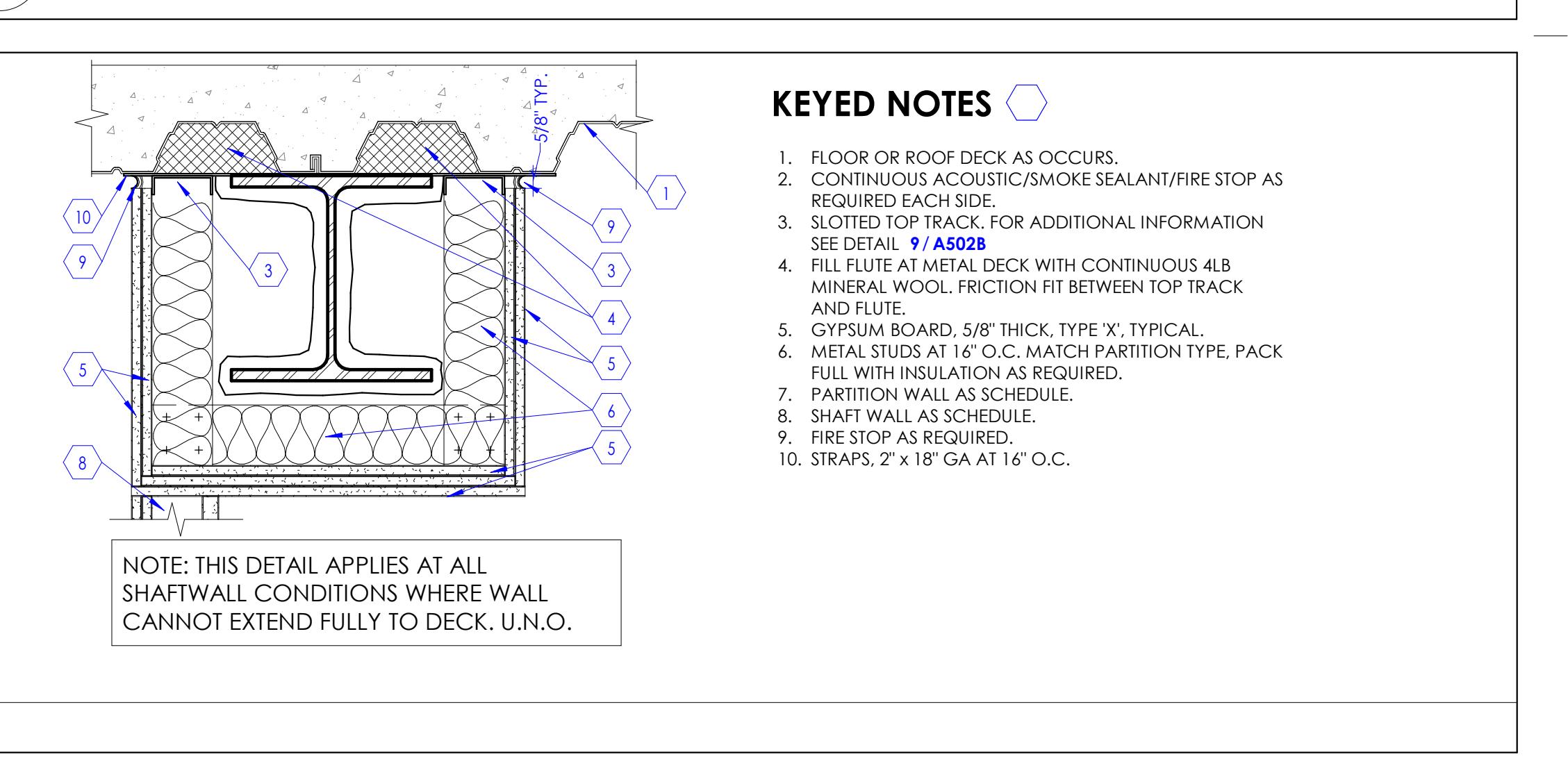
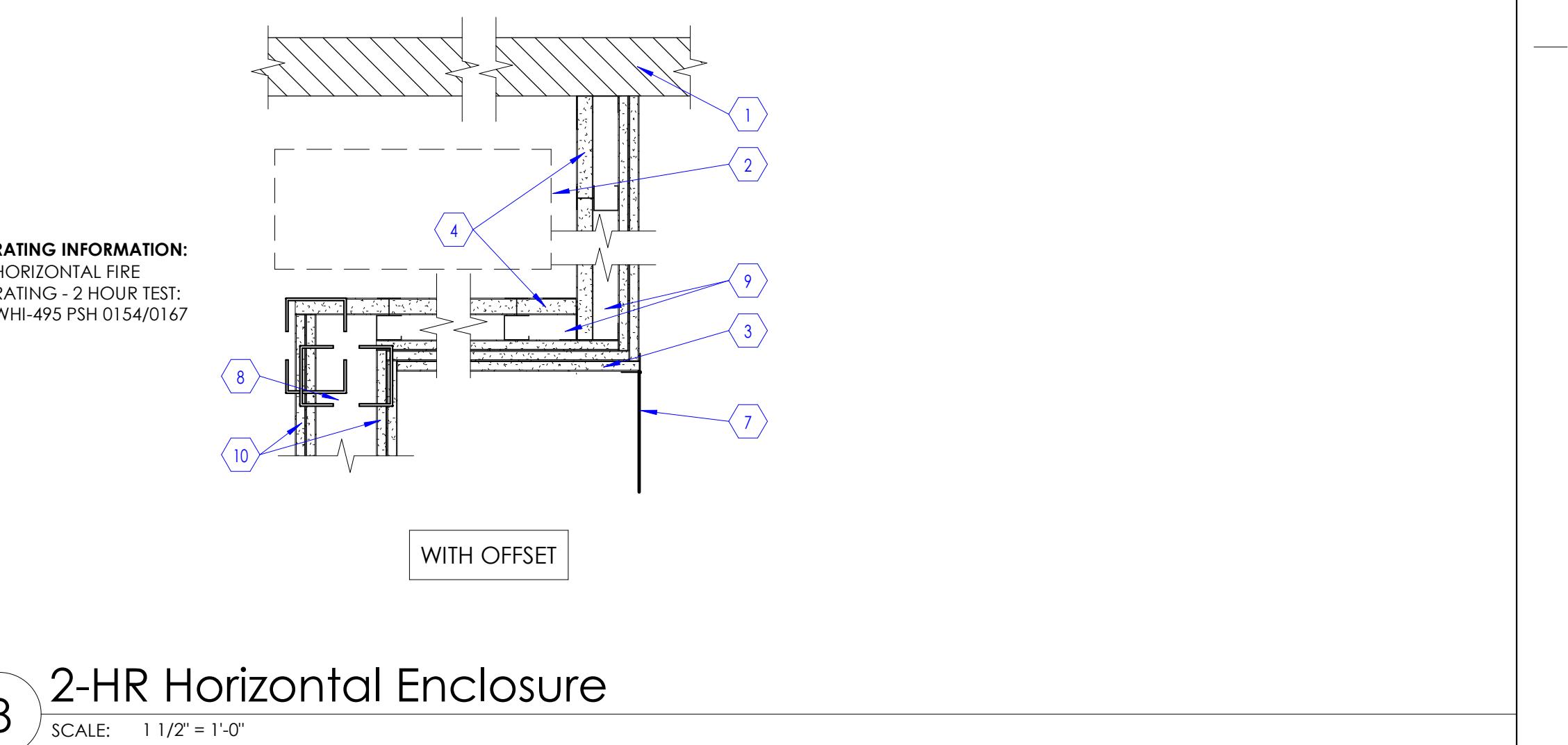
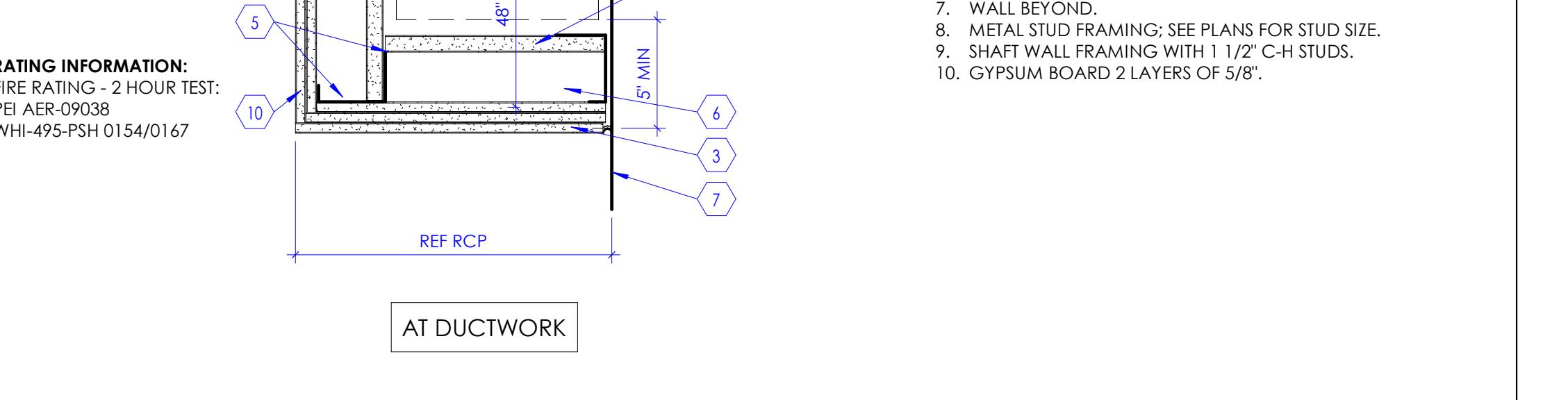
1. FLOOR OR ROOF DECK AS OCCURS.
2. CONTINUOUS ACOUSTIC/SMOKE SEALANT/FIRE STOP AS REQUIRED EACH SIDE.
3. SMOKE TIGHT, SEE WALL TYPES FOR ADDITIONAL INFORMATION SEE DETAIL [9/A502B](#).
4. FILL FLUTE AT METAL DECK WITH CONTINUOUS 4LB MINERAL WOOL, FRICTION FIT BETWEEN TOP TRACK AND FLUTE.
5. GYPSUM BOARD,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



KEYED NOTES

KEYED NOTES

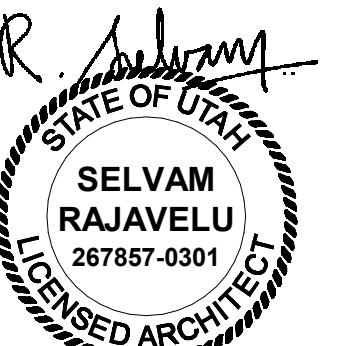
1. FLOOR SLAB OR ROOF DECK AS OCCURS.
2. MECHANICAL DUCTWORK.
3. GYPSUM BOARD 3 LAYERS OF 5/8" AT HORIZONTAL PLANE.
4. GYPSUM BOARD 1" THICK SHAFT LINER PANEL.
5. J-BEADERS.
6. 2-HR RATED SHAFT WALL CONSTRUCTION, SEE WALL TYPES ON SHEET A501A.



KEYED NOTES

KEYED NOTES

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



KEYED NOTES

1. EXPOSED CROSS GRID MEMBER @ 2'-0" O.C.
2. EXPOSED MAIN GRID MEMBER @ 4'-0"
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.

KEYED NOTES

1. EXPOSED CROSS GRID MEMBER @ 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

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
5. LONG LEG TRACK 16 GA WITH (2) 1/4" EXPANSION BOLTS.
6. #12 S.M.S. @ 16" O.C.
7. METAL STUD, 18 GA MIN. 3-5/8" @ 4'-0" O.C.
8. FL WASHER 1/8" x 3" x 3"

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

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

KEYED NOTES

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

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

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. EXPOSED CROSS TEE ATTACHED TO MAIN RUNNERS.
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. 1/2" OF CLOTHING NO TILES. SEE CEILING PLANS.
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.

KEYED NOTES

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

FIELD VERIFY

SEE CEILING PLAN

KEYED NOTES

1. METAL STUD FRAMING 3-5/8" X 18 GA STUDS, SUSPENDED FROM STRUCTURE ABOVE @ 16" O.C. SEE DETAIL 5/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.

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 HEIGHT.
4. METAL STUD FRAMING 3-5/8" THICK, 20 GAUGE STUDS, SUSPENDED FROM STRUCTURE ABOVE. STUDS SHALL BE AT 16" O.C.
5. LINE OF STRUCTURE ABOVE.

SEE REFLECTED CEILING PLAN FOR CEILING HEIGHT

SEE REFLECTED CEILING PLAN FOR SOFFIT HEIGHT

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" X 6'XL EXPOSED TEE SYSTEM.
3. SEISMIC SEPARATION JOINT CLIP, BASIS OF DESIGN: ARMSTRONG SJMR-4X1".
4. SEISMIC SEPARATION JOINT CLIP, BASIS OF DESIGN: ARMSTRONG SJMR-4X1".
5. CROSS TEE, BASIS OF DESIGN: ARMSTRONG PRELUDE 15/16" X 6'XL EXPOSED TEE SYSTEM.

AT CROSS TEE

AT MAIN BEAM

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, CROSS BRACE SUSPENDED FROM STRUCTURE ABOVE.
6. THREADED ROD, 5/8" THICK, PROVIDE NUTS, 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 RCP FOR HEIGHT. SUSPEND CEILING GRID FROM UNISTRUT ONLY. CONTRACTOR SHALL NOT SUSPEND LIGHTS, GRIDS, ETC. FROM DUCTS.

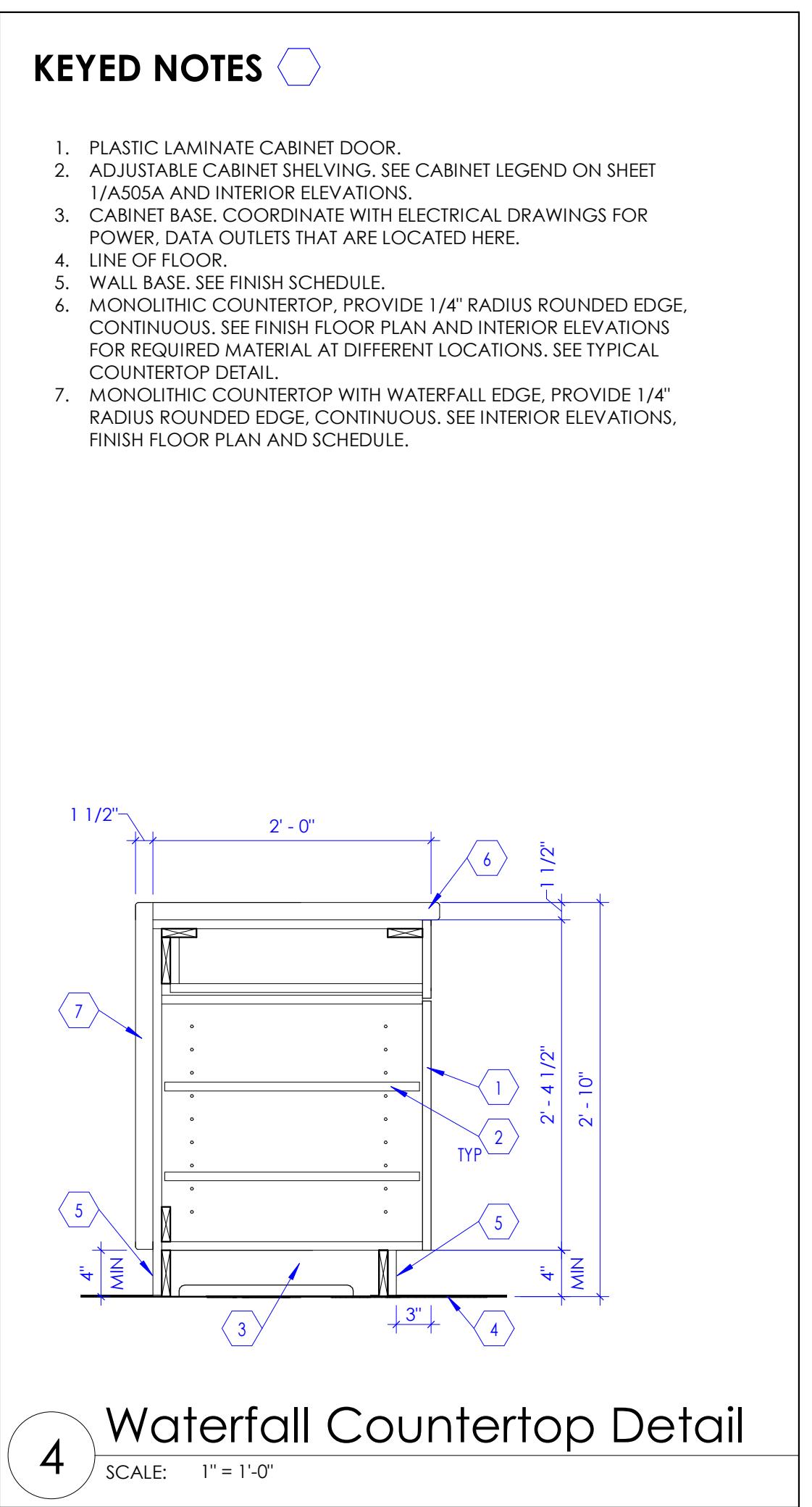
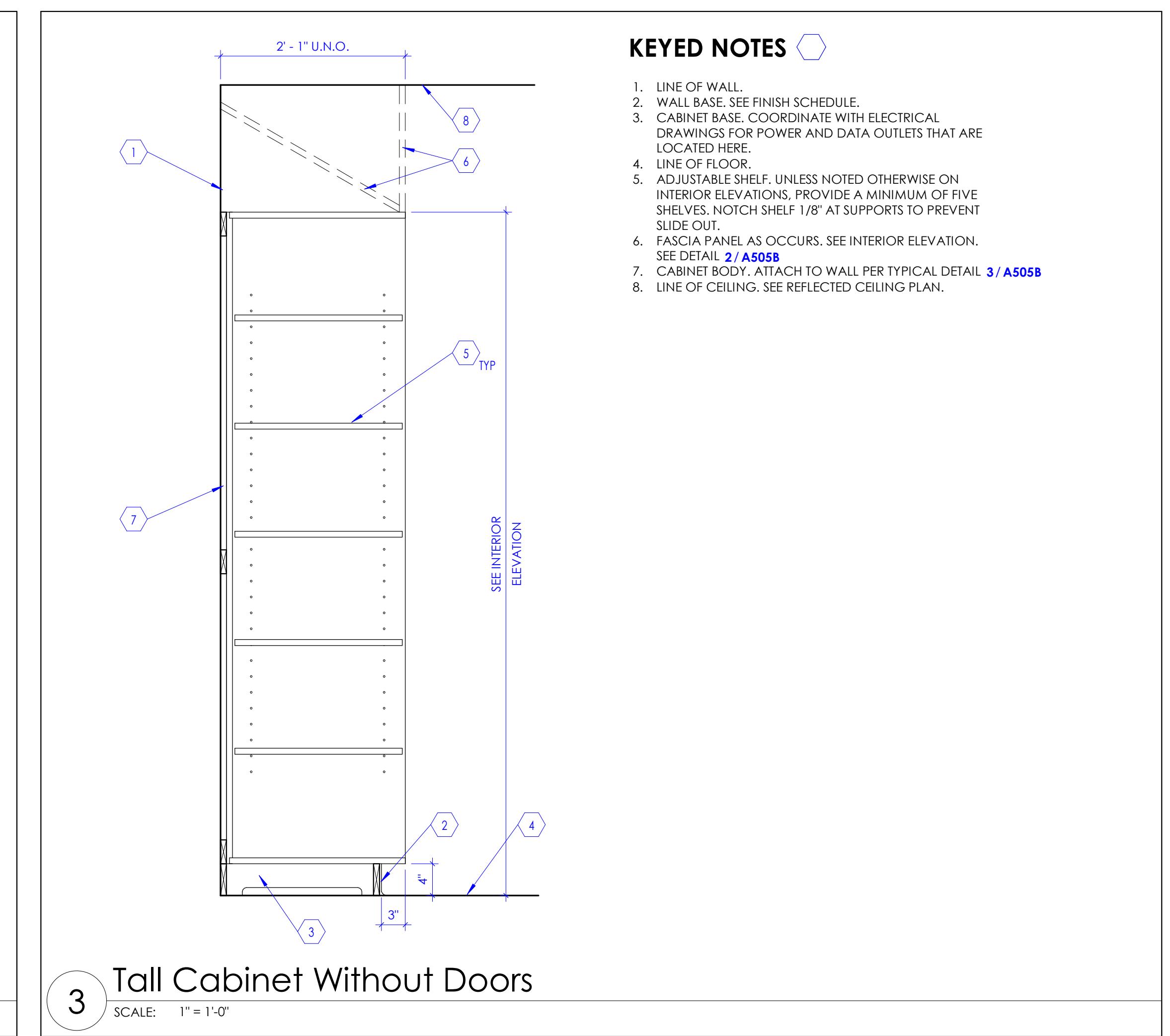
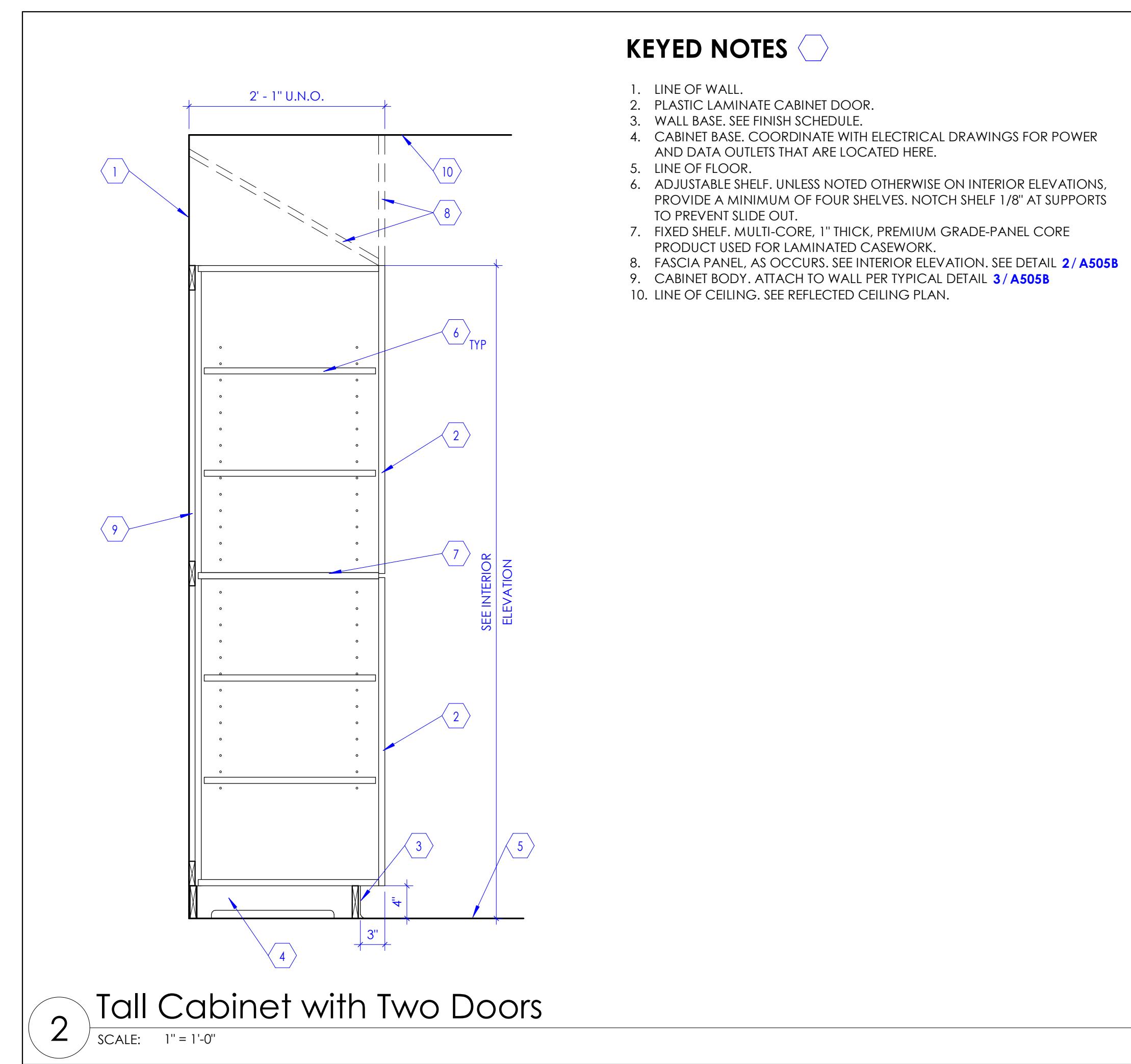
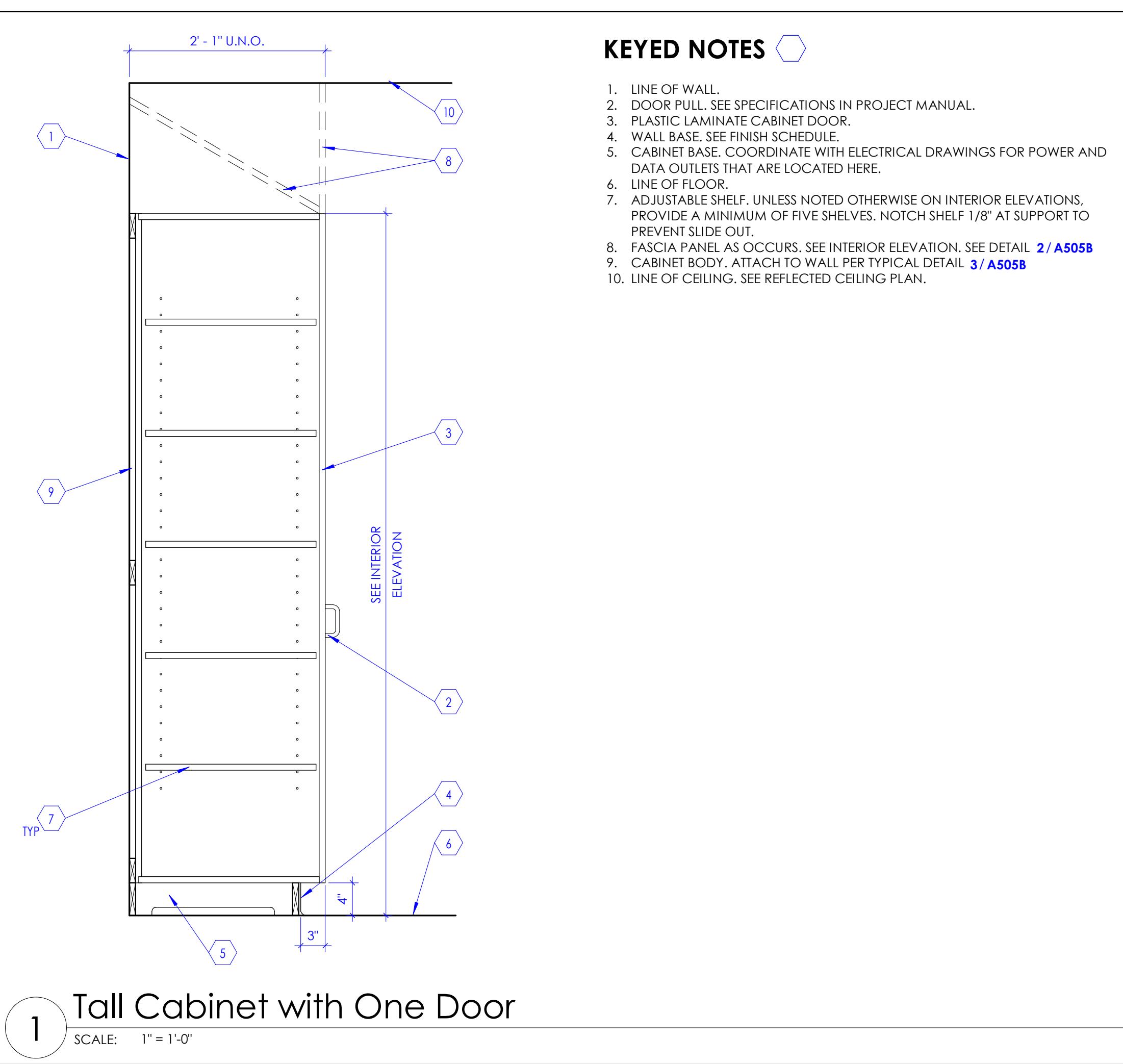
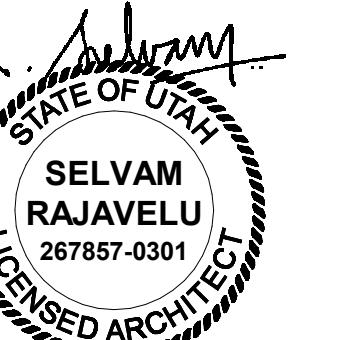
NOTE: CONTRACTOR SHALL PROVIDE UNISTRUTS AS INDICATED IN THIS DETAIL WHEREVER DUCT INTERFERS WITH CEILING SUSPENSION SYSTEM.

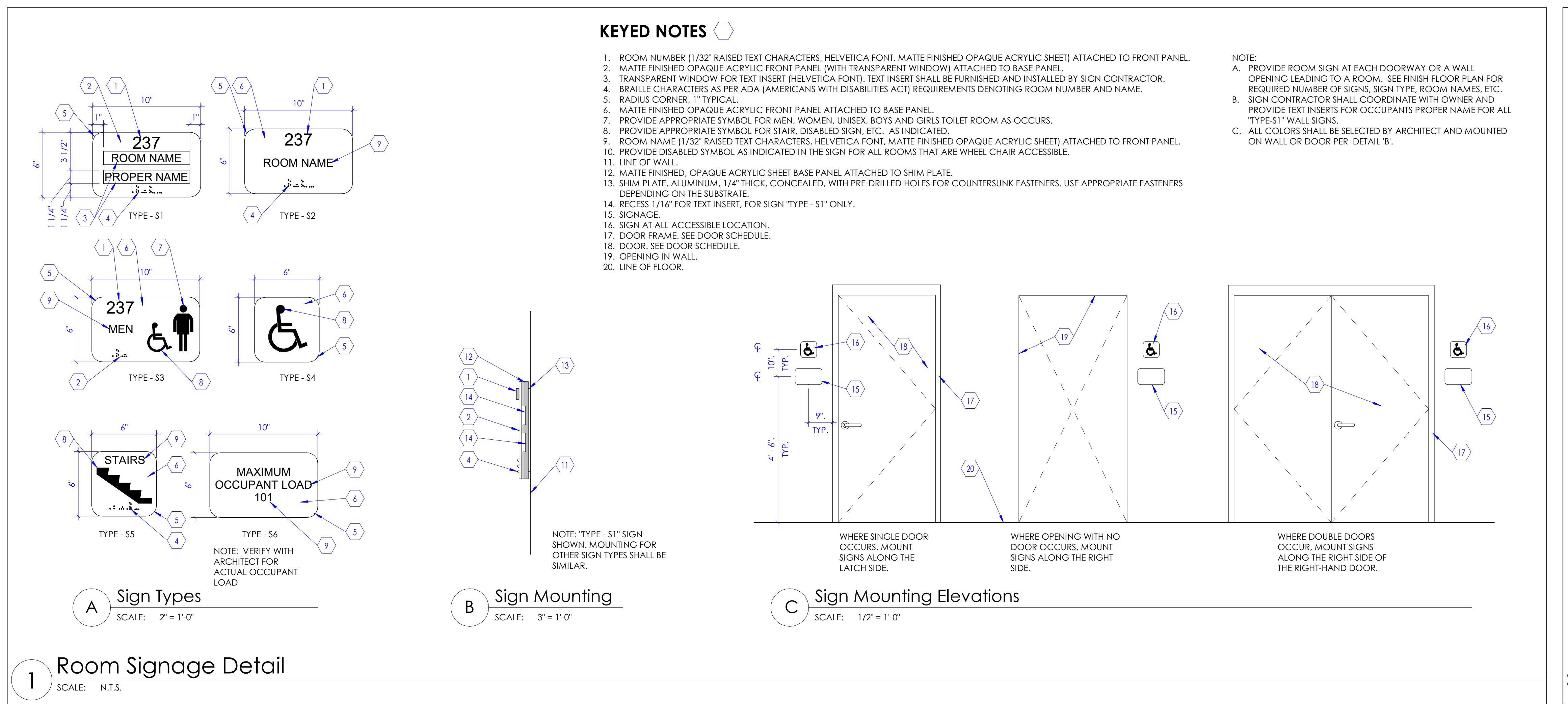
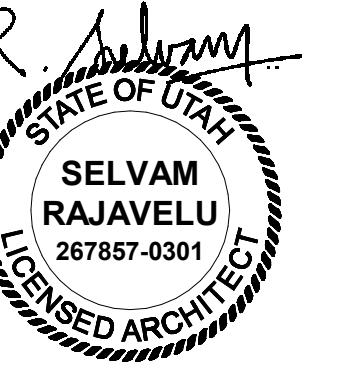
KEYED NOTES

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.

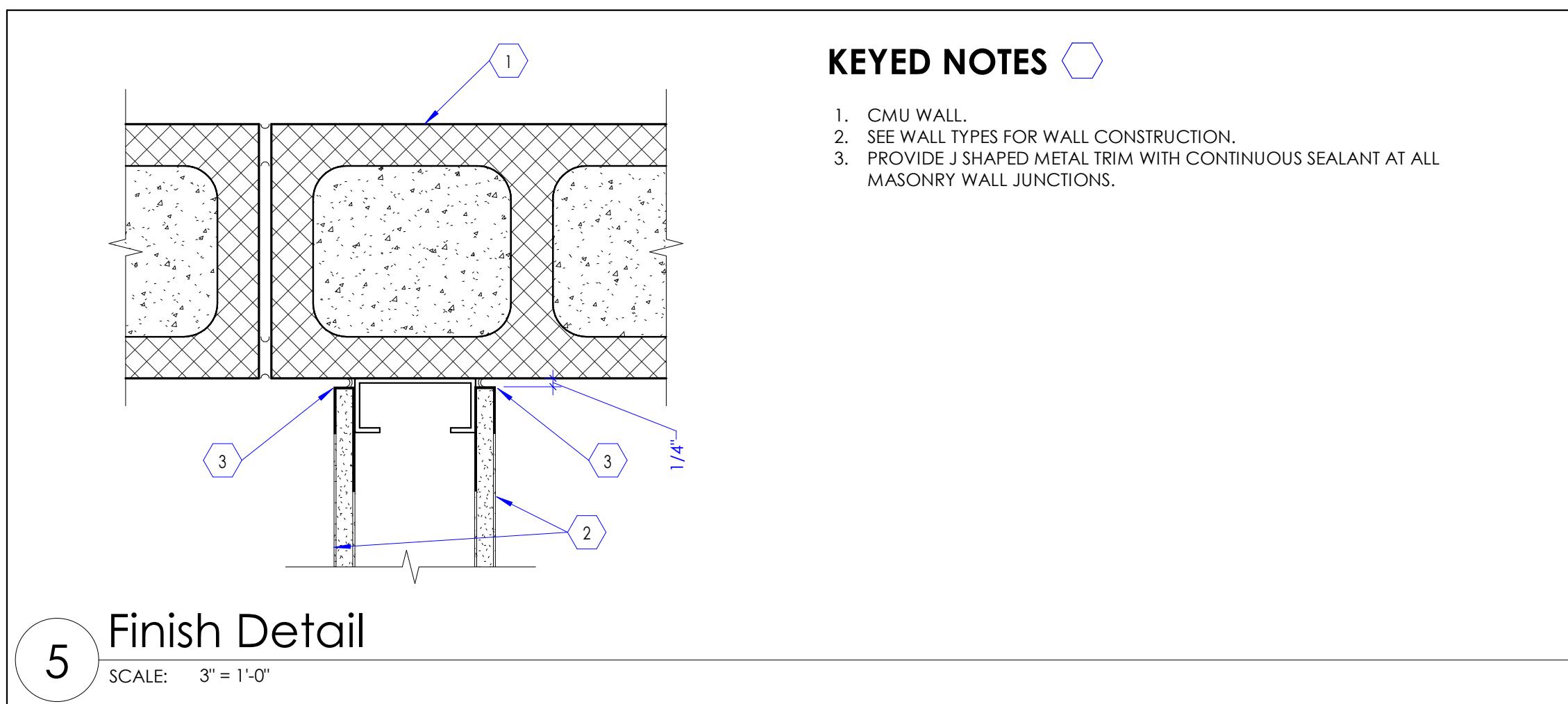
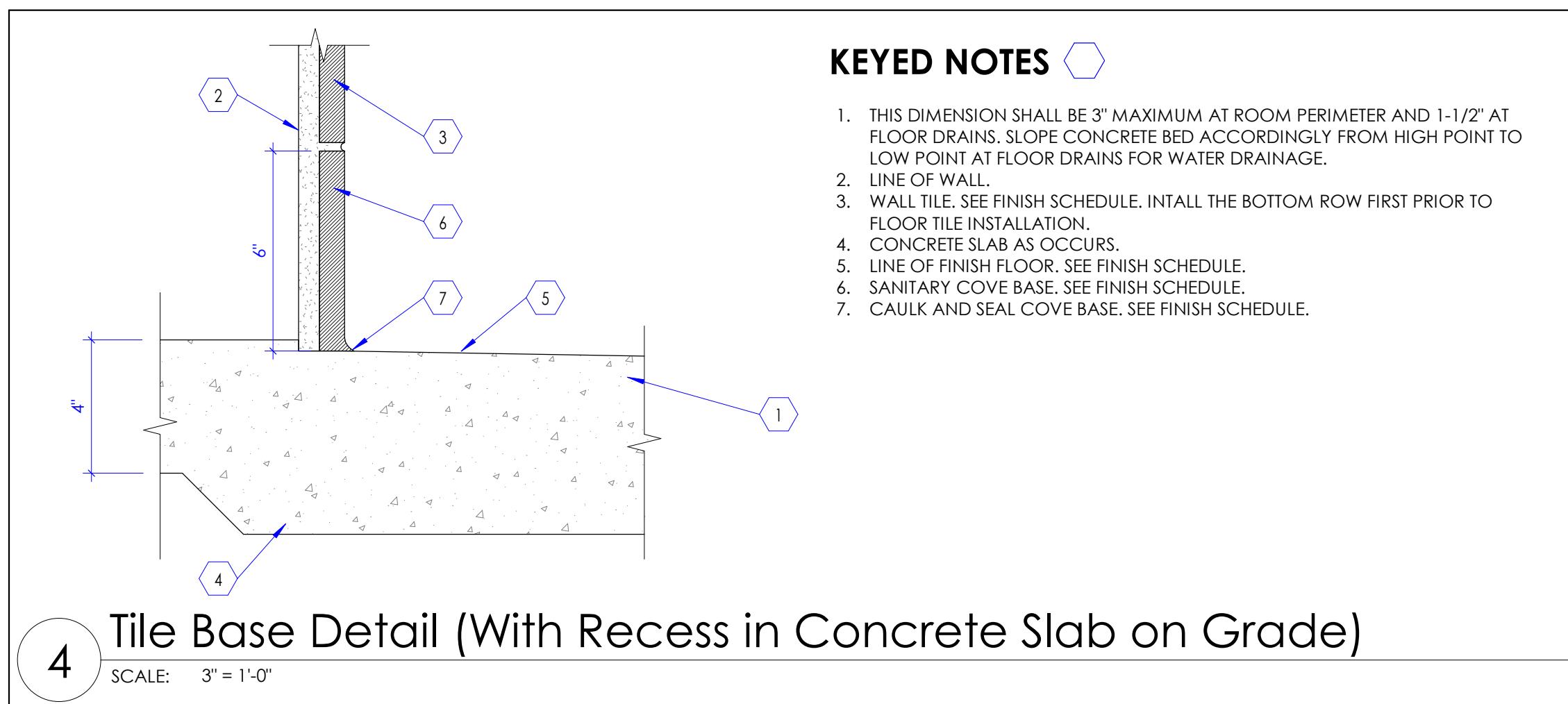
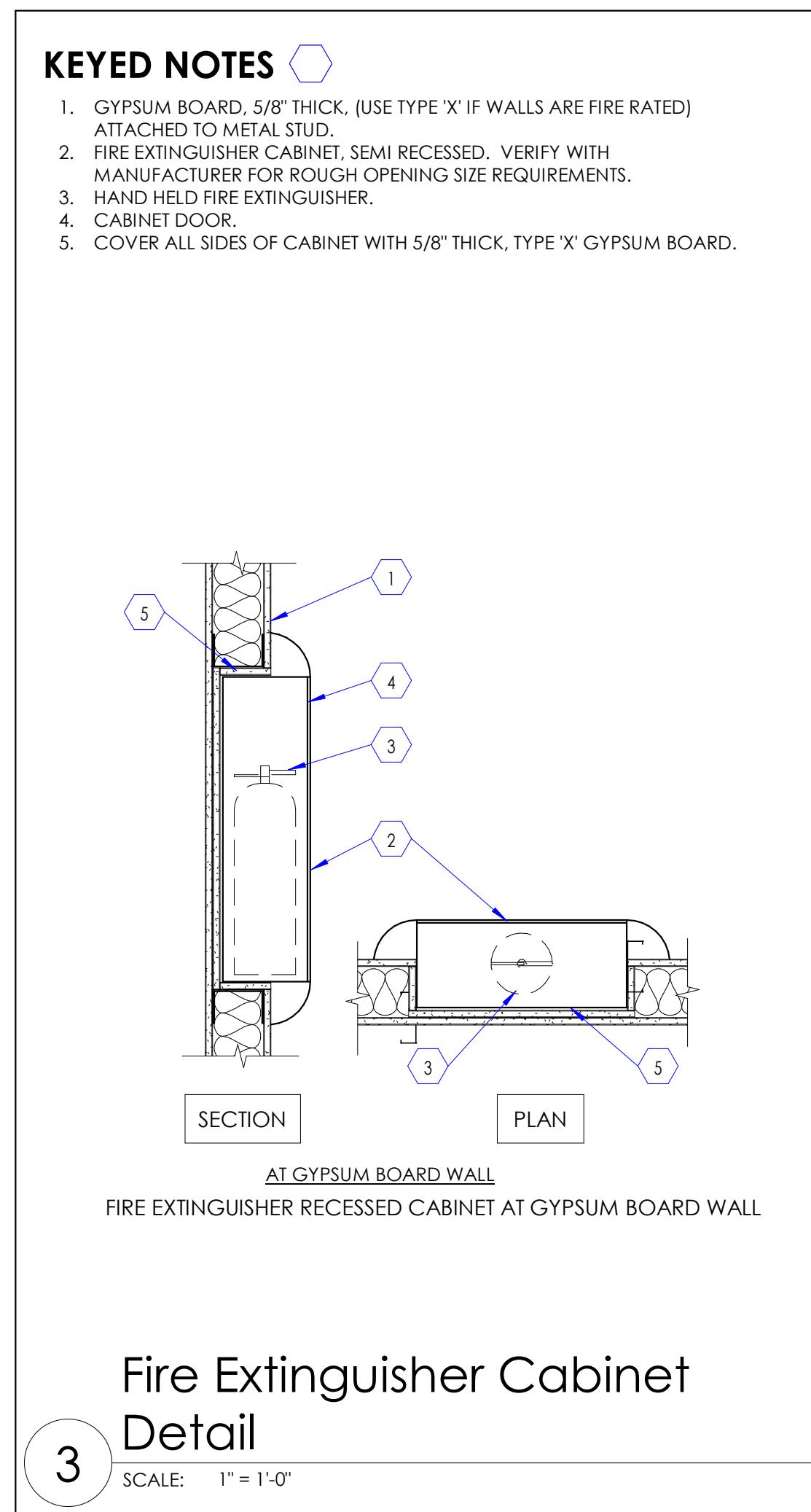
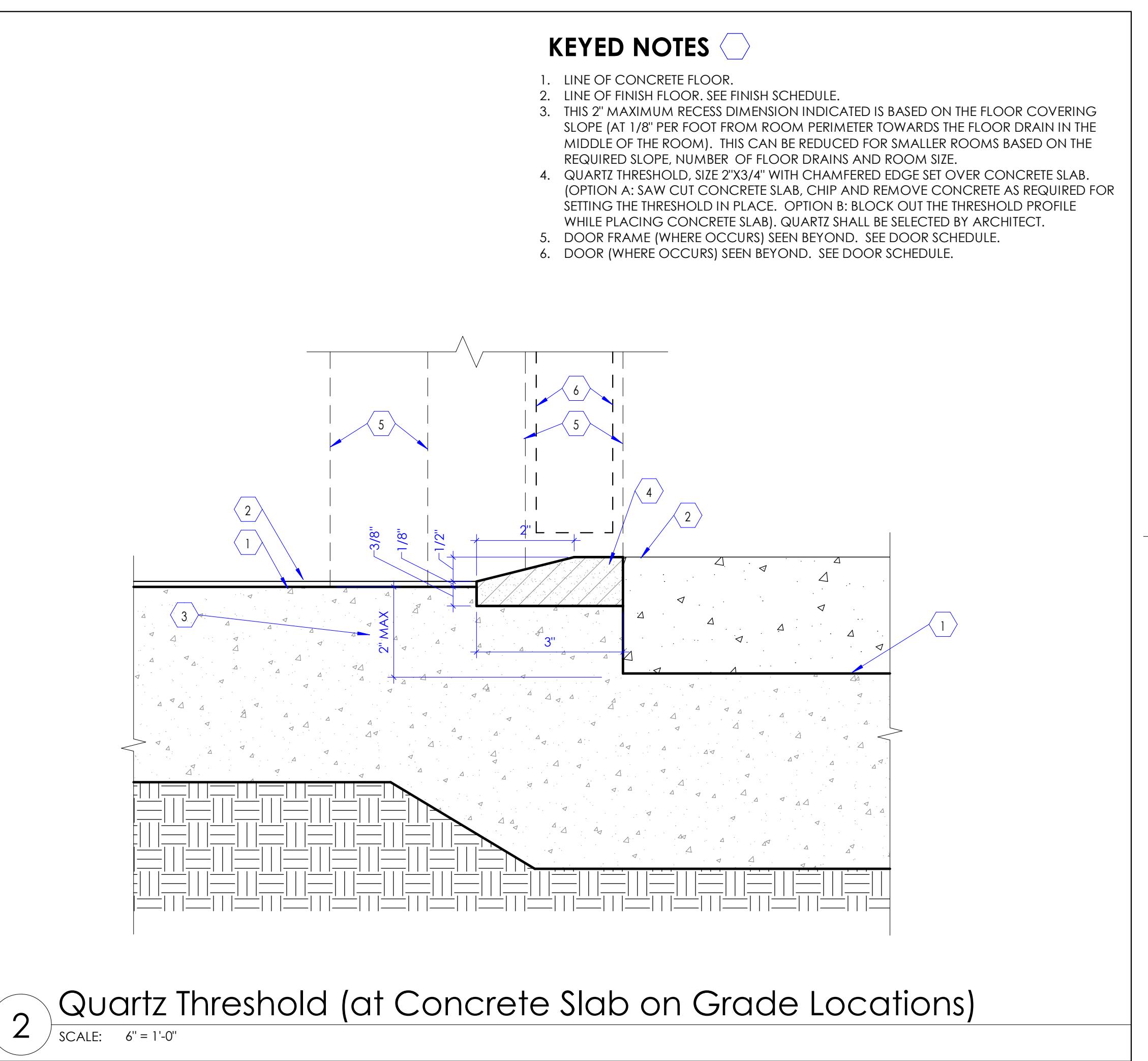
KEYED NOTES

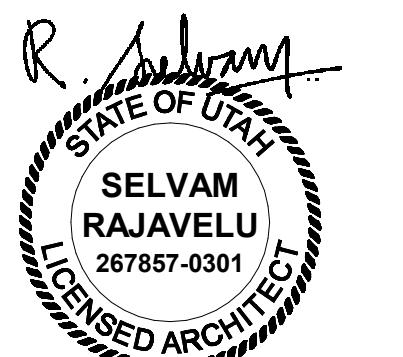
1. CLASS 1 ZINC COATED, SOFT TEMPERED WIRES, 12 GA MIN.
2. EXPOSED CROSS GRID MEMBER @ 2'-0" O.C.
3. HANGER WIRE 12 GA. @ 4'-0" O.C. MAX EACH WAY.
4. SEISMIC RESTRAINT, SEE DETAIL 7/A503A
5. SLOTTED ANGLE SPACER.





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





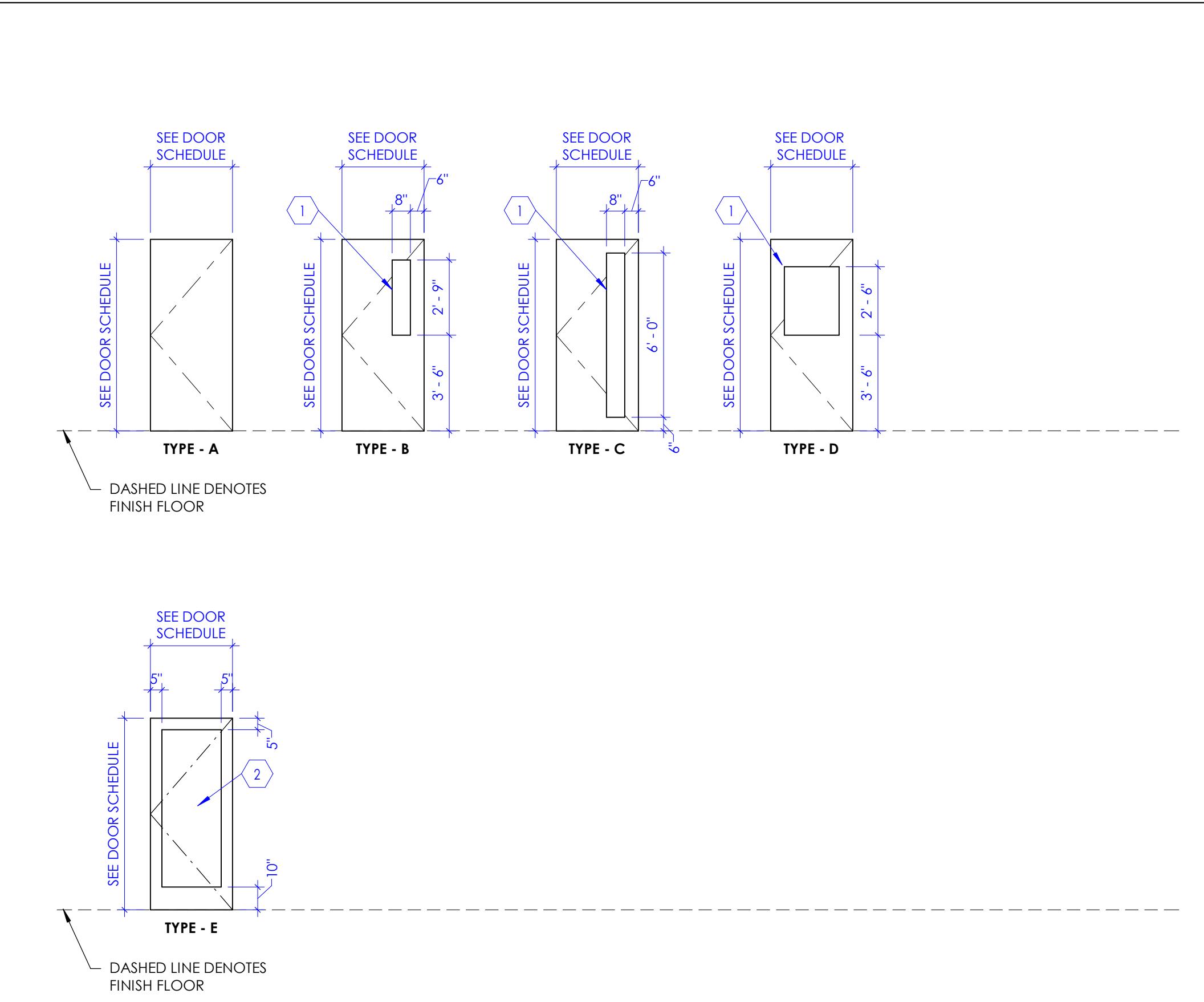
**Utah School for the Deaf and Blind
Activity Center**

740 S Harrison Blvd.
Ogden, UT 84404

NJRA Project #
Construction Documents
Sept 02, 2022

Door
Schedule &
Details

A601A



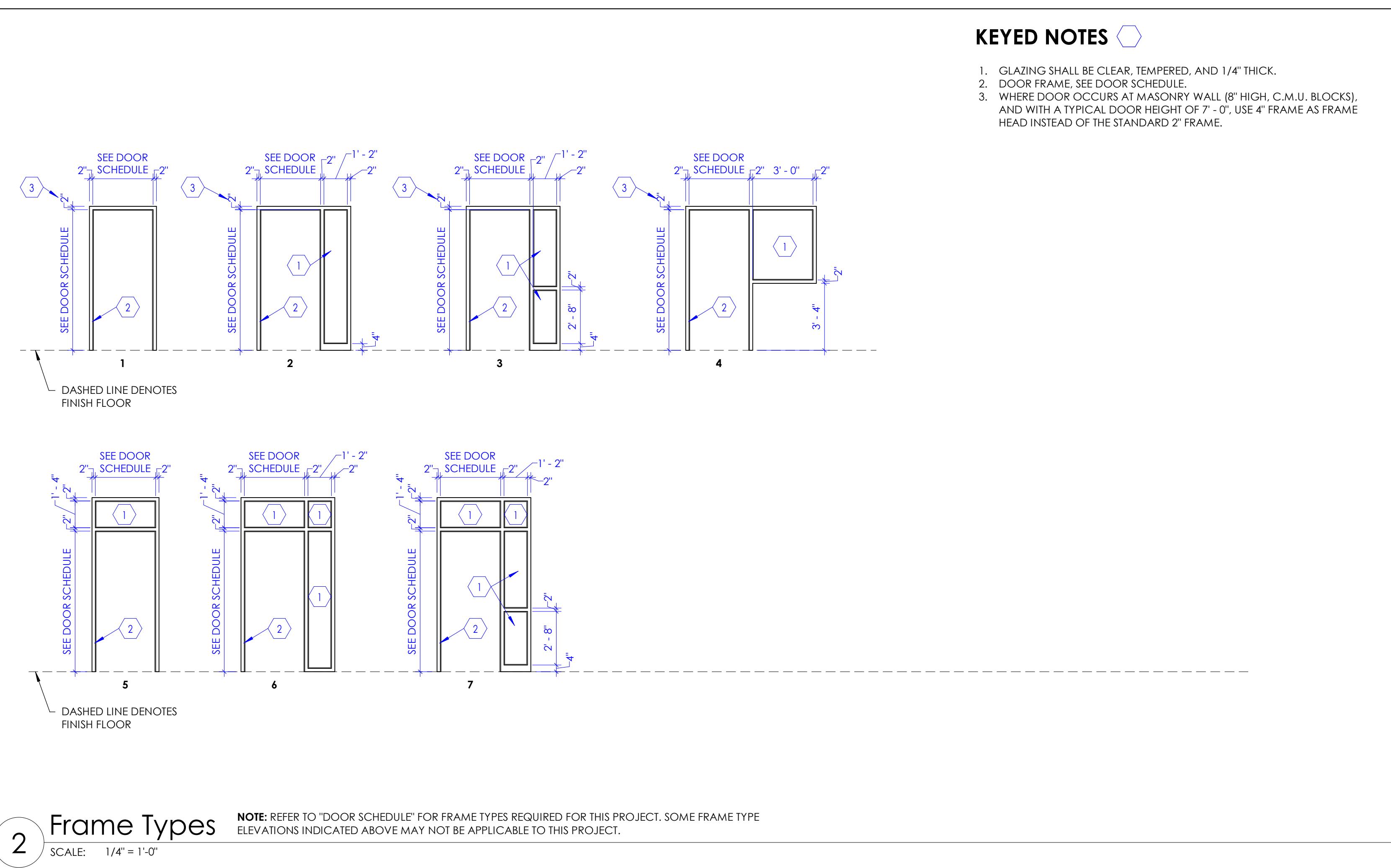
KEYED NOTES

- 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. FOR METAL DOOR, PROVIDE METAL TRIM. 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.

1 Door Types

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

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



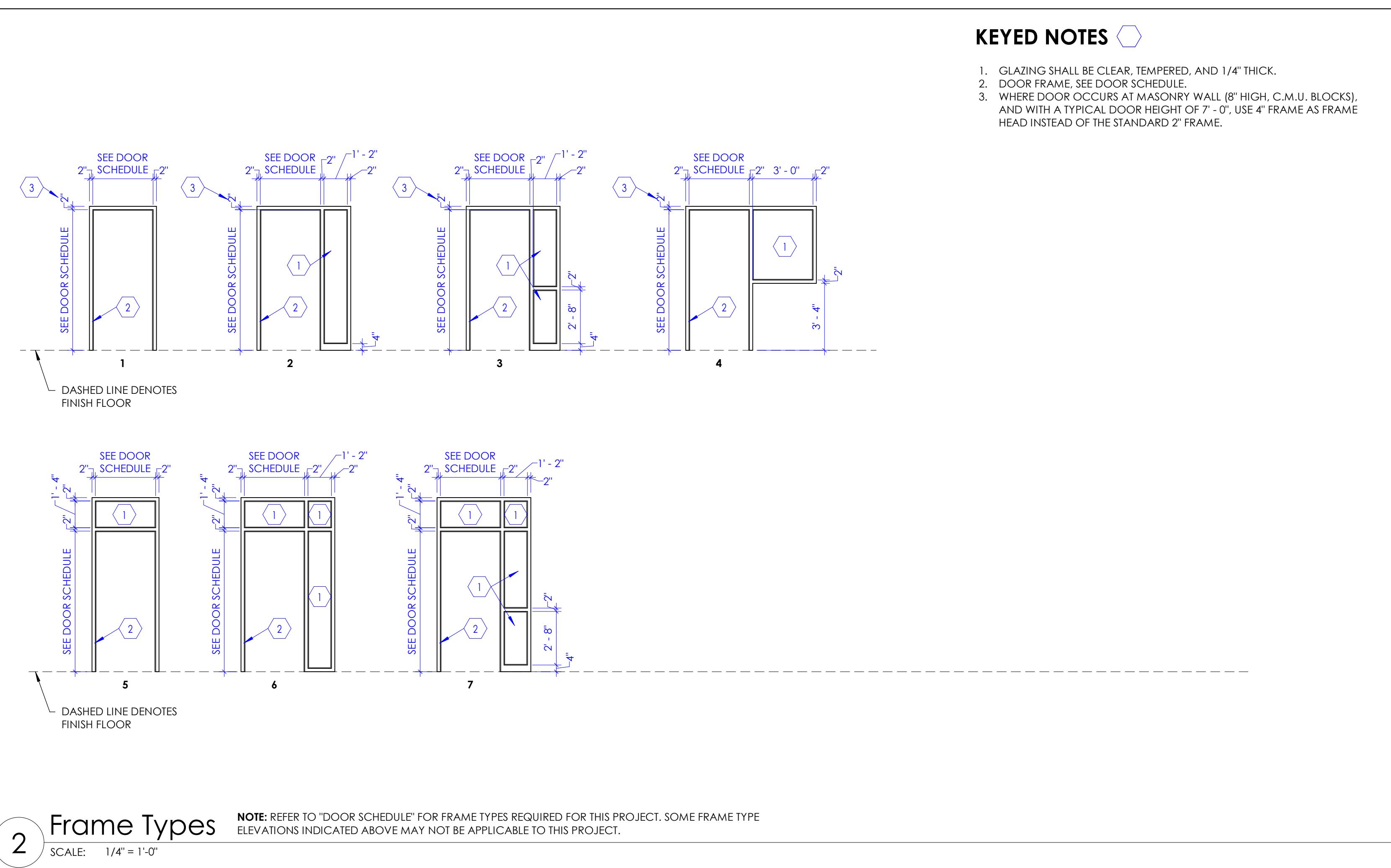
KEYED NOTES

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

2 Frame Types

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

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



3 Door Frame in Stud Wall

SCALE: 3" = 1'-0"

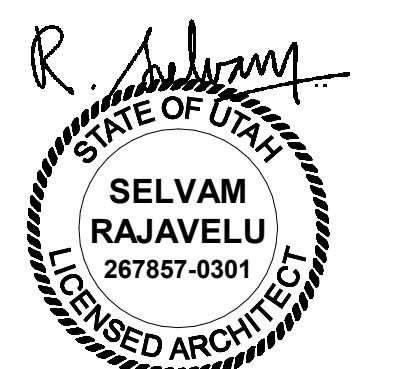
DOOR SCHEDULE

DOOR #	# OF PANELS	DOOR			FRAME		DETAILS			DOOR #	FIRE RATING (MINUTES)	HARDWARE GROUP	COMMENTS			
		W1	W2	HEIGHT	THICKNESS	MATERIAL	TYPE (1/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.

Door
Schedule &
Details



FINISH SCHEDULE

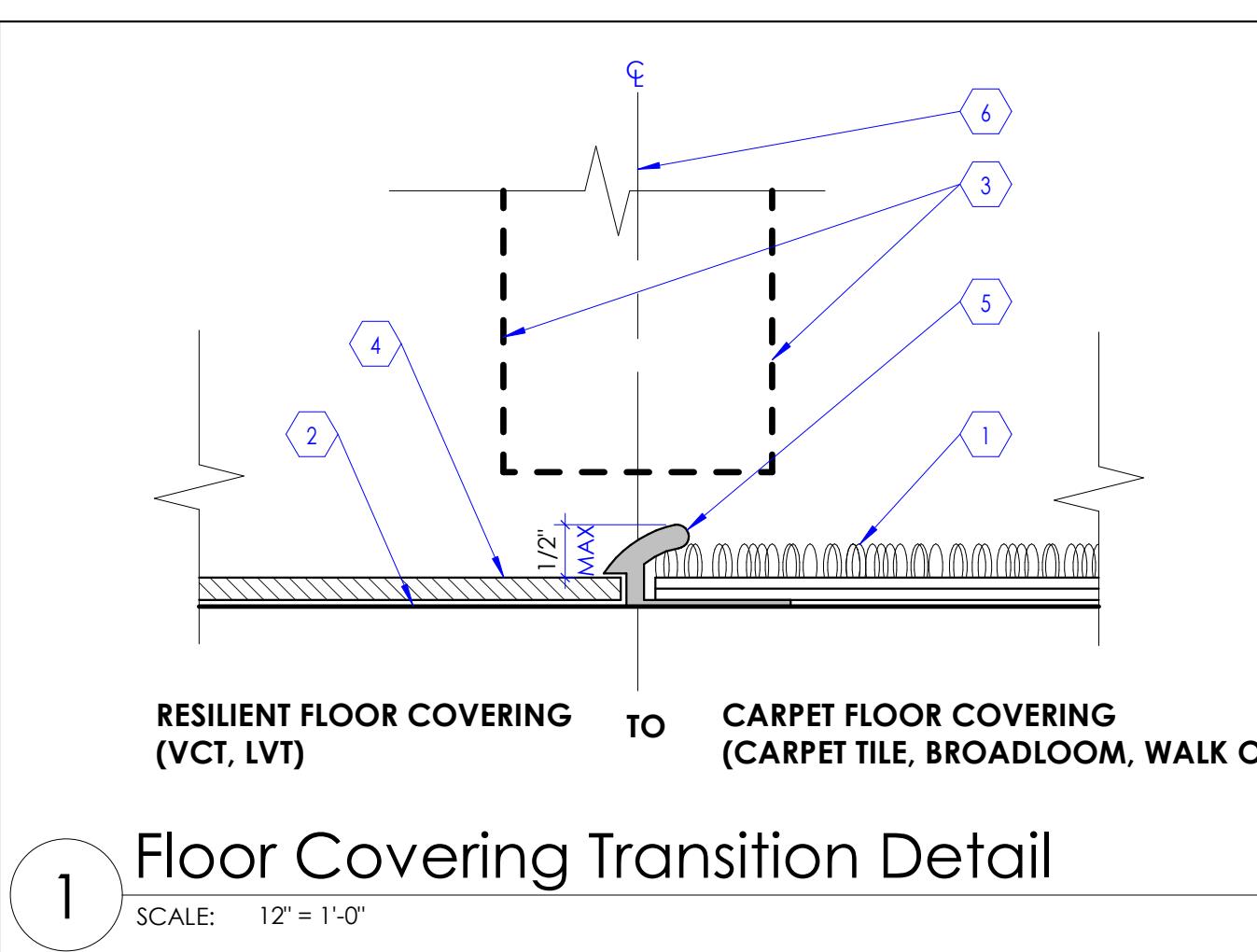
TAG	FINISH TYPE	SIZE	MATERIAL DESCRIPTION	MANUFACTURER	STYLE	MODEL #	COLOR	COMMENTS
F1	FLOOR FINISH	5.96" X 48"	LUXURY VINYL PLANK	PATCRAFT	MARK MAKING	1509V	LOAM 00700	1
F2	FLOOR FINISH	24" X 24"	CARPET TILE	PATCRAFT	STATES OF WATER, GLACIAL ICE	10577	CLOUD 00530	2
F3	FLOOR FINISH		CONCRETE SEALER AND DENSIFIER	EUCLID CHEMICAL	EUCO DIAMOND HARD	-	-	-
B1	WALL BASE	4" HIGH	RUBBER BASE	ROPPE	PINNACLE 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 - GREENACCENT	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	ULTRACOOL 35% VLT	S3560	SILVER	-
WC2	WINDOW COVERINGS		MANUAL ROLLER SHADE	HUNTER DOUGLAS ARCHITECTURAL	MANUAL SERIES STANDARD DUTY INSIDE MOUNT	0% OPENNESS OR BLACKOUT	FLOCHE BLANC	-
WC3	WINDOW COVERINGS		WINDOW FILM	DECORATIVE FILMS	TOTAL LIGHT BLOCKOUT - SOLYX	SXF-5050	WHITE	-

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 THE FINISH SCHEDULE PLANS FOR CLARIFICATION ON HOW FINISHES ARE TO BE APPLIED. FINISHES ARE TO BE APPLIED WITH FINISH TAGS FOR REQUIRED FINISHES (INDICATED WITH FINISH TAGS SUCH AS F1, B1, WI, ETC.).
- C. LINE OF TRANSITION BETWEEN DIFFERENT TYPES OF FLOOR COVERINGS IS INDICATED ON THE FINISH FLOOR PLANS. IN PLACES WHERE TWO OR MORE DIFFERENT FLOOR COVERINGS ARE ADJACENT, PROVIDE A COORDINATE LINE OF TRANSITION. THE RELEVANT 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 CENTERLINE OF THE DOOR LOCATED IN THE CENTER OF THE TWO ROOMS, AS INDICATED BY THE LINE OF TRANSITION INDICATED BELOW THE DOOR IN THE FINISH FLOOR PLANS. CONTRACTOR SHALL PROVIDE METAL TRANSITION STRIP (MANUFACTURED BY SCHULTER OR EQUIVALENT) AS REQUIRED. AT EXTERIOR DOORS, PROVIDE ALUMINUM THRESHOLD MATCHING THE DOORWAY. FOR REQUIRED THRESHOLD, 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 W1, WP2, ETC.), ON WALLS, COORDINATE WITH FINISH FLOOR PLANS AND INTERIOR ELEVATIONS.
- E. FINISHES ARE TO BE APPLIED TO 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 SPECIFIED AS "NOT TO BE PAINTED". PAINT COLOR IS TO BE MATCHED TO THE EXISTING SURFACE FINISH. PAINT ALL EXPOSED METAL SURFACES THAT ARE EXPOSED AND WILL REQUIRE A FINISH. SUCH SURFACES INCLUDE 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 PAINT COLOR (SUCH AS WHITE, BLACK, ETC.). SEE 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 PAINT AS ADJACENT WALLS. IN WET ROOMS LIKE SHOWER, BATH, ETC. WHERE EPOXY IS INDICATED AS A REQUIREMENT ON WALLS, PAINT CEILINGS AND SOFFITS WITH EPOXY 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 SCHULTER OR EQUIVALENT) AT ALL COUNTERTOPS AND CORNERS TO BE PAINTED.
- 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.

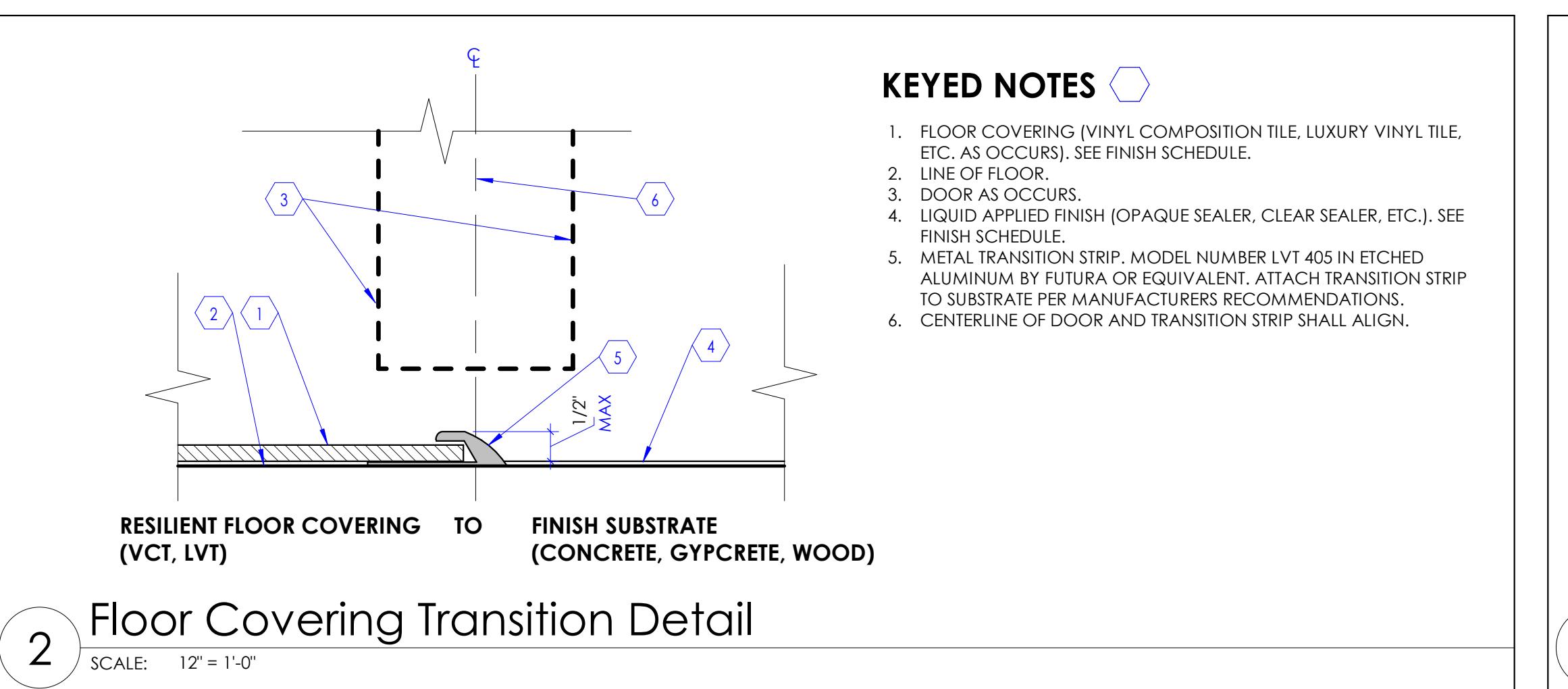
COMMENTS

1. SEE FLOOR PATTERN PLAN FOR INSTALLATION PATTERN 2/A111.
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.



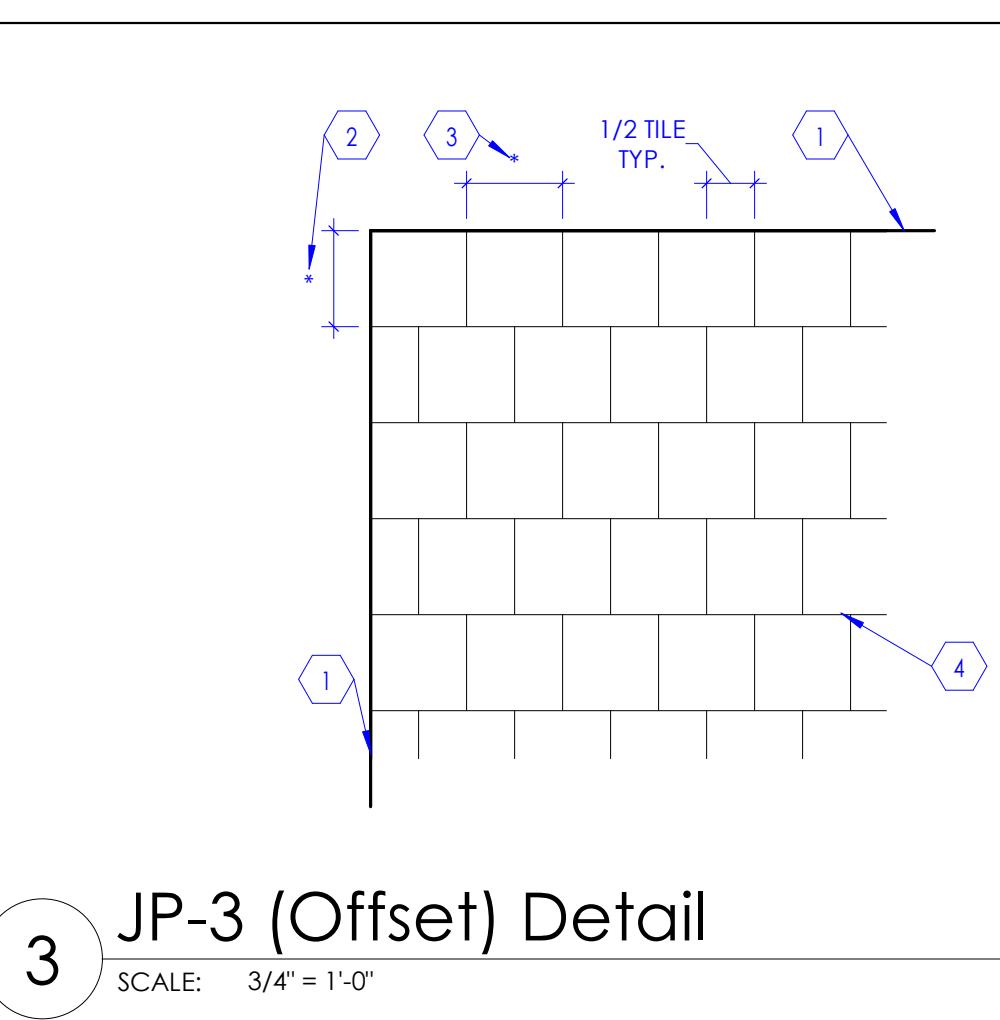
KEYED NOTES

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



KEYED NOTES

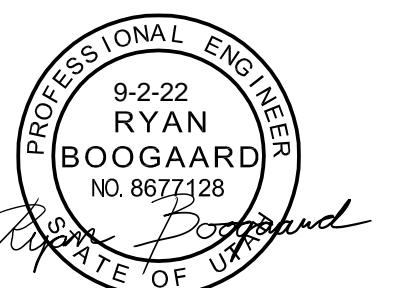
1. FLOOR COVERING (VINYL COMPOSITION TILE, LUXURY VINYL TILE, ETC. AS OCCURS). SEE FINISH SCHEDULE.
2. LINE OF FLOOR.
3. DOOR LINE CURS.
4. LIQUID APPLIED FINISH (OPAQUE SEALER, CLEAR SEALER, ETC.). SEE FINISH SCHEDULE.
5. METAL TRANSITION STRIP. MODEL NUMBER LVT 405 IN ETCHED ALUMINUM BY FUTURA OR EQUIVALENT.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



KEYED NOTES

1. LINE OF WALL.
2. DIMENSION TO BE 3" FOR CERAMIC TILE OR 5 1/2" FOR LVP. SEE FINISH SCHEDULE.
3. DIMENSION TO BE 4" 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".



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
○ S H	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
○	ROUND EXHAUST DUCT DOWN
○	ROUND EXHAUST DUCT UP
○	ROUND EXHAUST DUCT DOWN
○	SPRAL OVAL DUCT
○	SPRAL ROUND DUCT
○	DUCT INSULATION
○	DUCT LINING
○	90° RECTANGULAR ELBOW WITH TURNING VENES
○	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
C02	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
PC	PUMPED CONDENSATE
RG	REFRIGERANT GAS
RL	REFRIGERANT LIQUID
SMR	SNOW MELT RETURN
SMS	SNOW MELT SUPPLY
VAC	VACUUM

ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT BE USED.	
(E)	EXISTING
(F)	FUTURE
AC	AIR CONDITIONING, ETC.
APD	AIR PRESSURE DROP
BD	BALANCING DAMPER
BHP	BRAKE HORSE POWER
BTU	BTU/HOUR
BTU/H	CUBIC FEET PER HOUR
CFH	CUBIC FEET PER MINUTE
CV	CONTROL VALVE
DB	DRY BULB TEMPERATURE
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RECIRC
DP	DEPTH, DEEP, OR DROP IN PRESSURE
EA	EXHAUST AIR
EFF	ENERGY EFFICIENCY RATIO
EFF	EFFICIENCY
ELEC	ELECTRIC
ELEV	ELEVATION
ENT	ENTERING
EVAP	EVAPORATION, ETC.
EWT	ENTERING WATER TEMPERATURE
EXT	EXTERNAL
FD	FIRE DAMPER
FLA	FLOOR LOAD AMPS
FPI	FPS IN PER INCH
FPM	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
LBS	POUNDS
LH	LATENT HEAT
LDA	LOCKDOWN MOTOR AMPS
LVS	LEAVING
LWT	LEAVING WATER TEMPERATURE
MBH	THOUSAND BTU PER HOUR
MCA	MINIMUM CIRCUIT AMPS
MFR	MANUFACTURER, ETC.
NC	NORMALLY CLOSED OR NOISE CRITERIA
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NPSH	NET POSITIVE SUCTION HEAD
NTS	NOT TO SCALE
OD	OUTDOOR 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
PSIG	PSEUDO-SATURATE
RA	PSI GAUGE
RECIRC	RETURN AIR
REFR	RECIRCULATE (ER, ED, ING)
REQD	REFRIGERATION
RLA	REQUIRED
RAMP	RATED LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SCFM	STANDARD CUBIC FEET PER MINUTE
SCW	SUPPLY CONDENSATE WATER
SH	SEPARATE HEAT
SP	STATIC PRESSURE
SPEC(S)	SPECIFICATIONS
SO	SQUARE
STD	STANDARD
SW	SOIL, WASTE
TAR(R)	TRANSFER AIR (RETURN)
TAS(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. THE DRAWINGS DO NOT SHOW THE DETAILS OF THE SYSTEM, 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 DRAWINGS.
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 RELEASERED TO SUPPLEMENT EACH OTHER & ARE TO BE READ IN CONJUNCTION. THE ITEMS SHOWN ON ONE & NOT THE OTHER BEING FURNISHED.
4. THE ENTIRE MECHANICAL INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE APPROPRIATE CODES, INCLUDING MECHANICAL CODE, PLUMBING CODE, ELECTRICAL CODE, & ALL OTHER APPROPRIATE 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. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL MECHANICAL WORK WITH ALL OTHER BUILDING TRADES, INCLUDING BUILDING TRADES HIRE DIRECTLY BY THE OWNER, WHERE CONFLICTS MAY OCCUR, AND SHALL MAKE THE NECESSARY ADJUSTMENTS.
8. VERIFY ALL REQUIRED SERVICE CONNECTIONS, INCLUDING ELECTRICAL CHARACTERISTICS, FOR ALL EQUIPMENT PRIOR TO ORDERING OR FABRICATING MECHANICAL EQUIPMENT AND COMPONENTS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL MECHANICAL COORDINATE WITH OTHER TRADES DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE TO RELOCATE USES WHERE APPROPRIATE, ALL THE MECHANICAL INFORMATION IS SHOWN ON THE DRAWINGS. DETAILS MAY OR MAY NOT BE CALLED OUT ON THE DRAWINGS WITH SYMBOLS OR KEYED NOTES. ANY CHANGES MADE FROM FAILURE TO INSTALL THE MECHANICAL SYSTEM WITHOUT USING THE INCLUDED DETAILS SHALL BE 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 MECHANICAL COORDINATE WITH OTHER TRADES DOCUMENTS.
11. THE CONTRACTOR SHALL BE RESPONSIBLE TO RELOCATE USES WHERE APPROPRIATE, ALL THE MECHANICAL INFORMATION IS SHOWN ON THE DRAWINGS. DETAILS MAY OR MAY NOT BE CALLED OUT ON THE DRAWINGS WITH SYMBOLS OR KEYED NOTES. ANY CHANGES MADE 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 AND STRUCTURAL ELEMENTS SHOWN IN DETAILS MAY OR NOT REFER TO ANY PORTION OF THE BUILDING COORDINATE ALL MOUNTING REQUIREMENTS WITH ARCHITECTURAL & STRUCTURAL DRAWINGS AND SPECIFICATIONS.
13. ALL SIMILAR EQUIPMENT SHALL BE OF THE SAME MANUFACTURER. AIR INLETS & OUTLETS OF SIMILAR TYPES SHALL BE OF THE SAME MANUFACTURER.
14. ALL EQUIPMENT SHALL BE INDEPENDENTLY SUPPORTED FROM STRUCTURAL MEMBERS AND STRUCTURAL ELEMENTS SHOWN IN DETAILS MAY OR NOT REFER TO ANY PORTION OF THE BUILDING COORDINATE ALL MOUNTING REQUIREMENTS WITH ARCHITECTURAL & STRUCTURAL DRAWINGS AND SPECIFICATIONS.
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-SUPPLY & REPAIRS.
16. COORDINATE WITH ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING DIFFUSERS & GRILLES.
17. CONTRACTOR SHALL OPERATE INSTALLED & MODIFIED SYSTEMS & DOCUMENTS ON THE SYSTEMS & RELATED TO THE ENGINEER & 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 MODIFICATIONS MADE TO THE SYSTEMS & RELATED ACCESSORIES SHALL BE RECORDED. THESE REDL

SHEET KEYNOTES

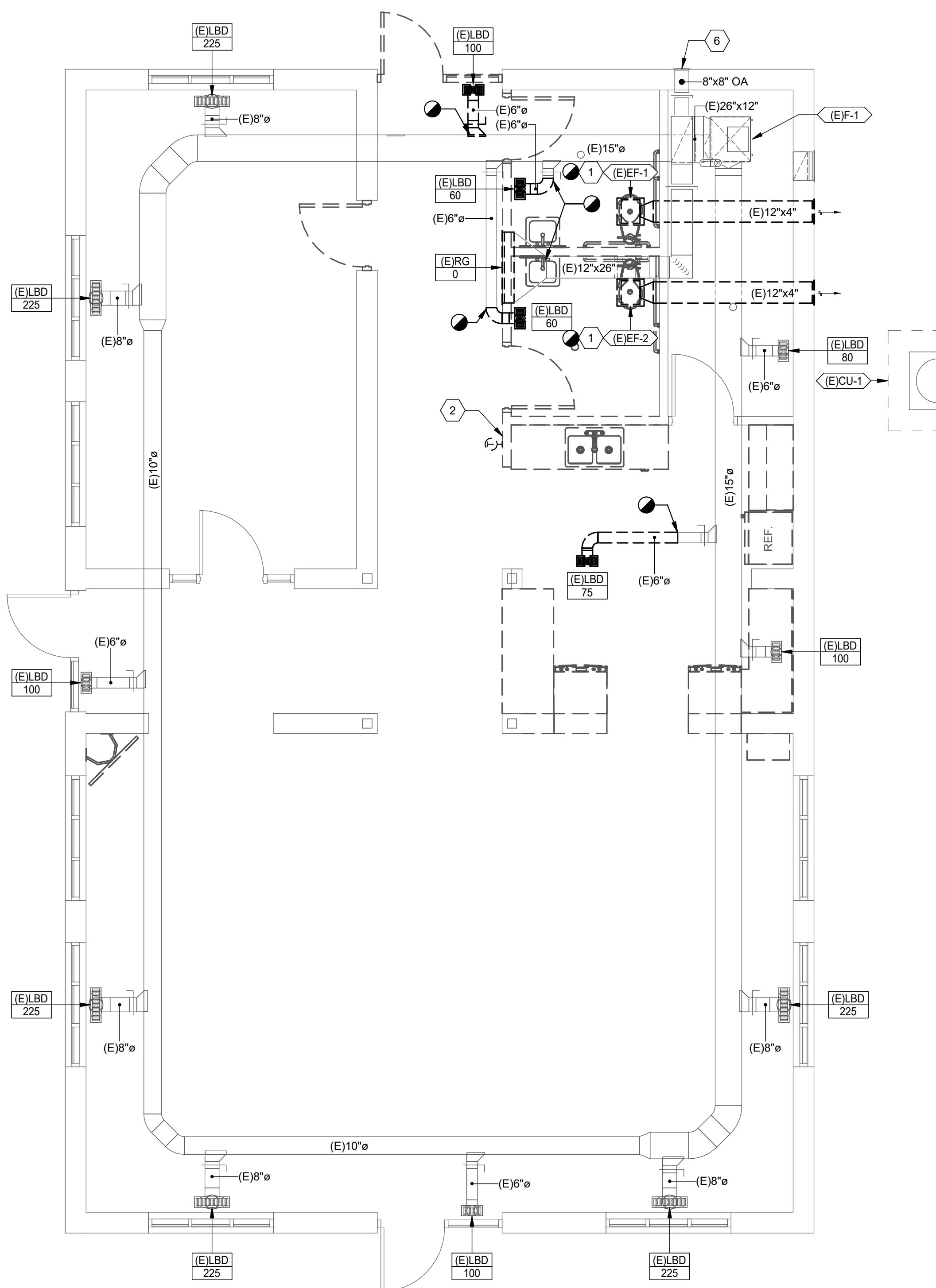
- 1 REMOVE EXISTING EXHAUST FAN SERVING RESTROOM. REMOVE ASSOCIATED CONTROL SWITCH LOCATED ON THE WALL.
- 2 SALVAGE EXISTING THERMOSTAT AND RELOCATE. SEE RENOVATION PLANS FOR PLACEMENT.
- 3 BALANCE AIRFLOW TO EXISTING FLOOR DIFFUSER TO 100 CFM.
- 4 EXHAUST DUCT THROUGH ROOF. PROVIDE MANUFACTURERS VENTILATION 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.

Utah School for the Deaf and Blind Activity Center

Utah Active Construction

MECHANICAL PLANS

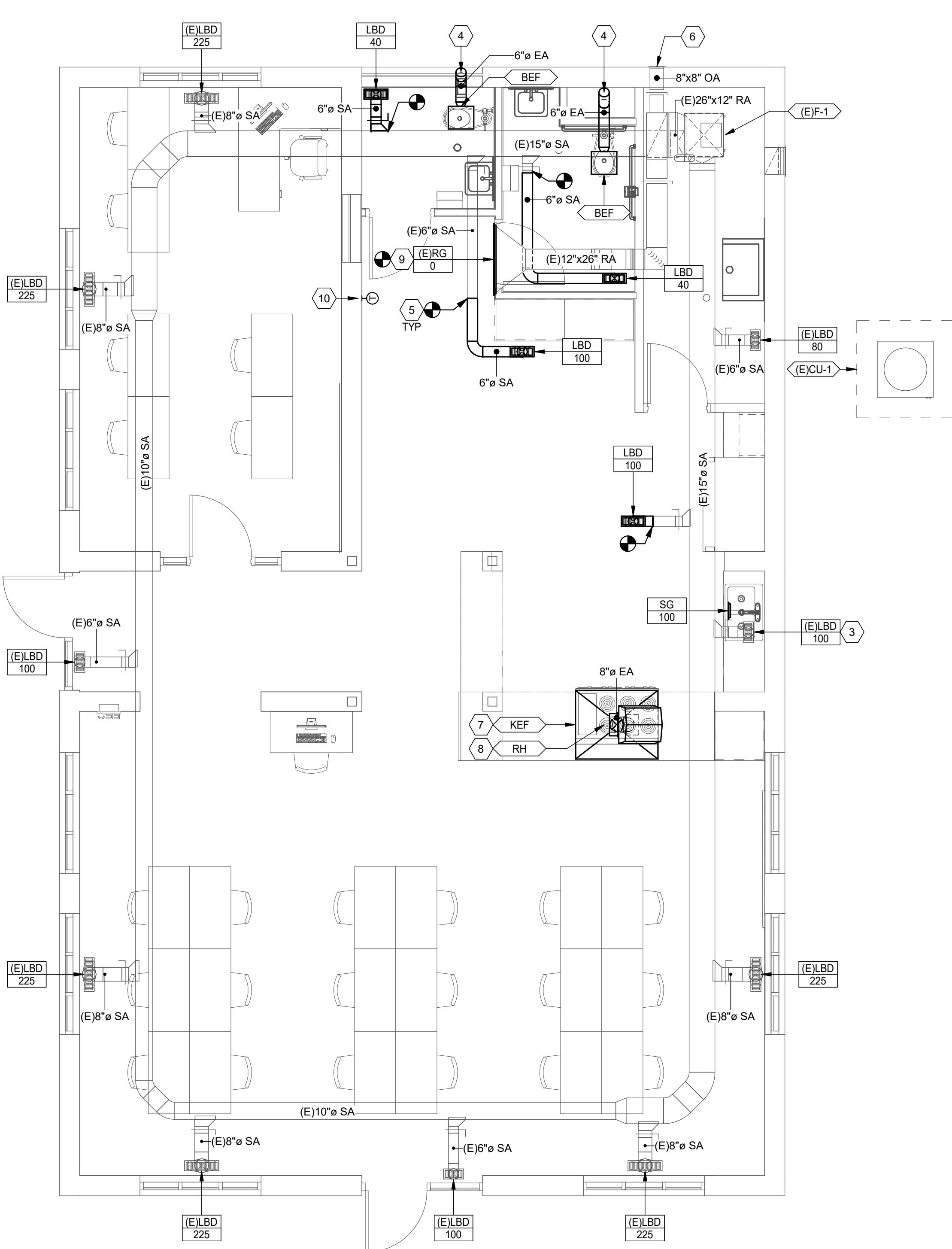
M101



1 MECHANICAL DEMOLITION PLAN

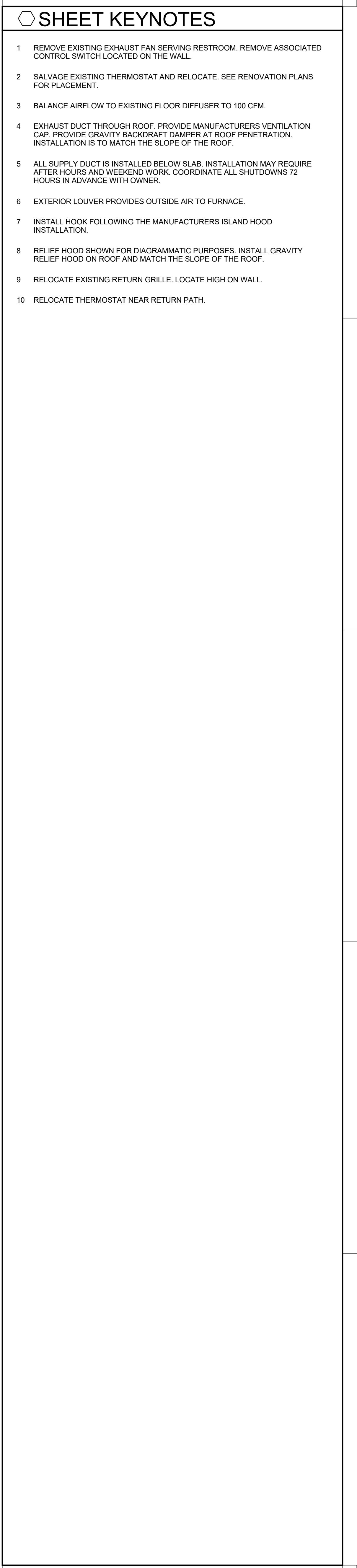
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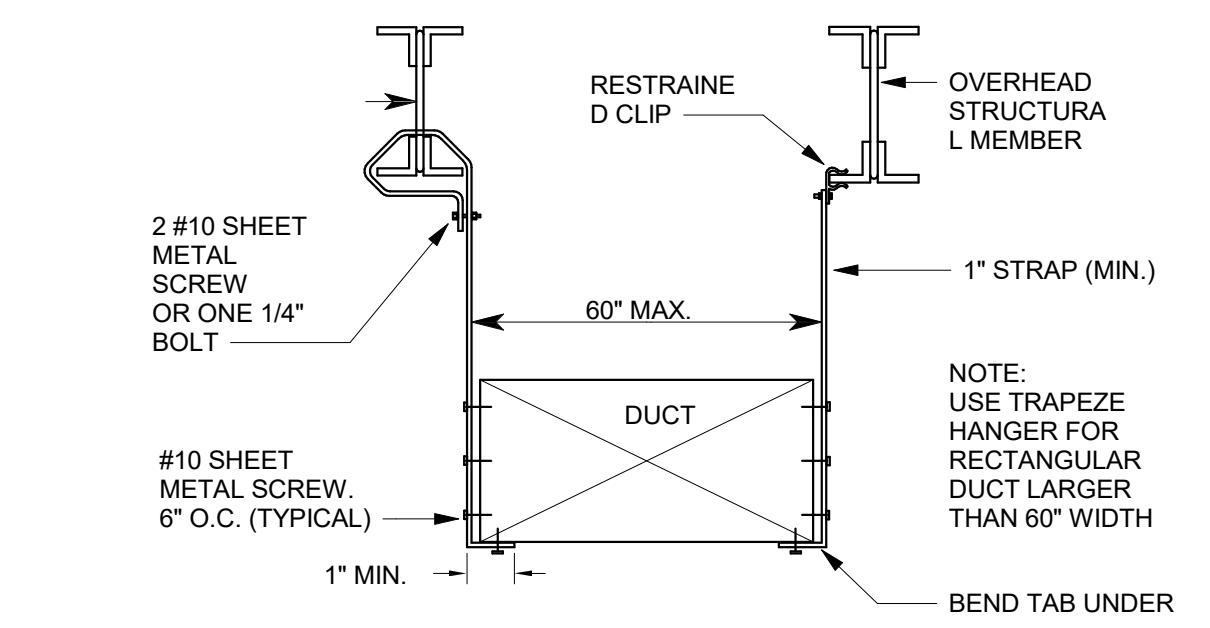
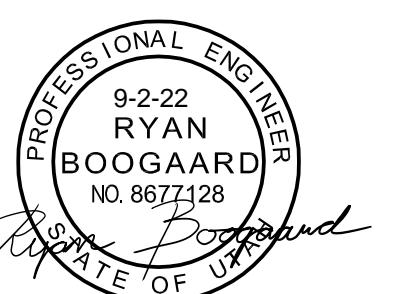
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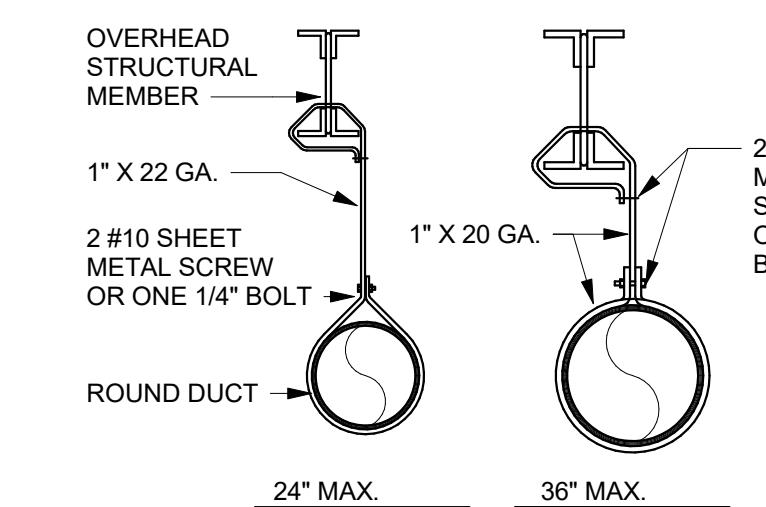
2 MECHANICAL PLAN

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

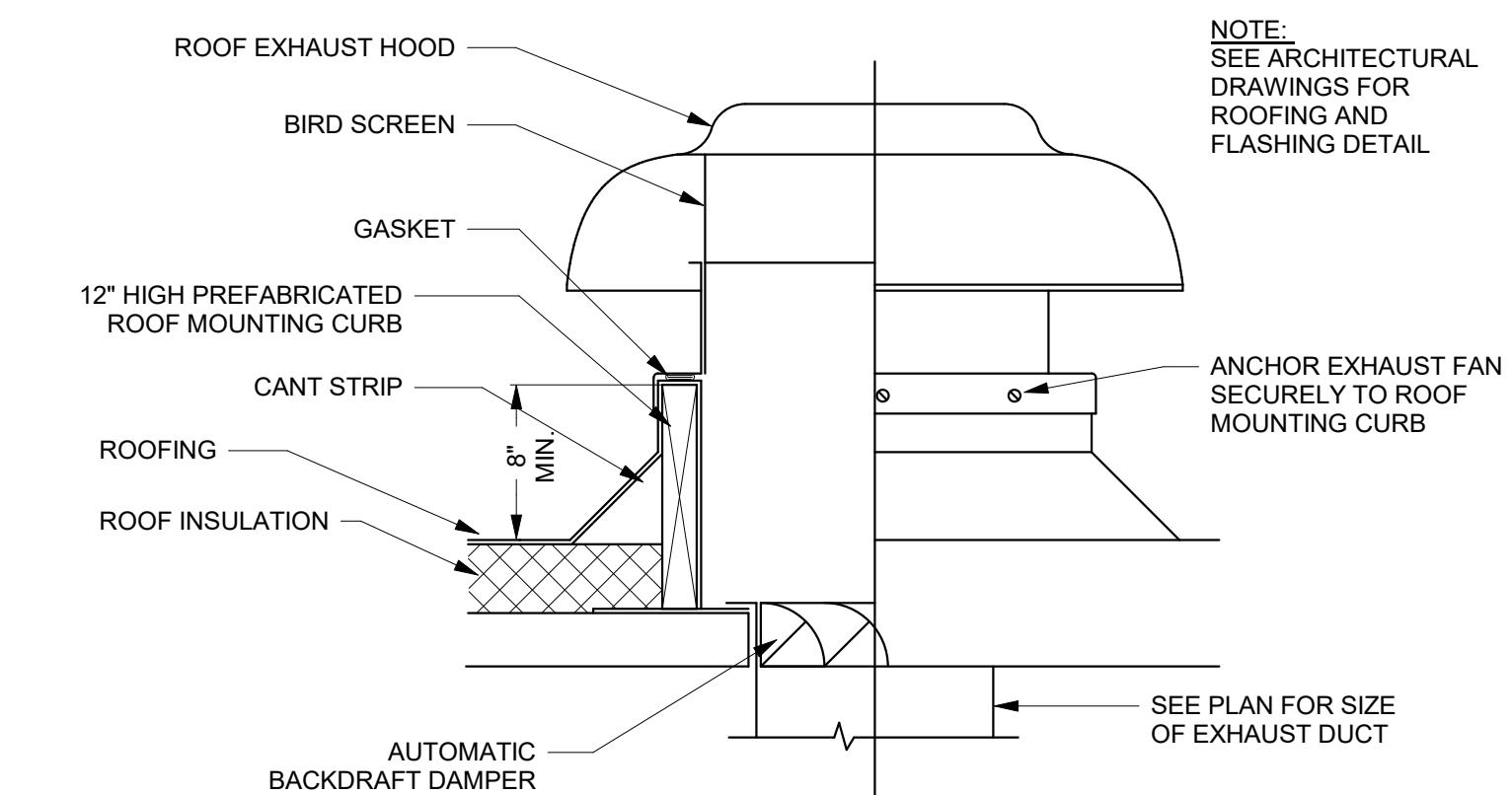




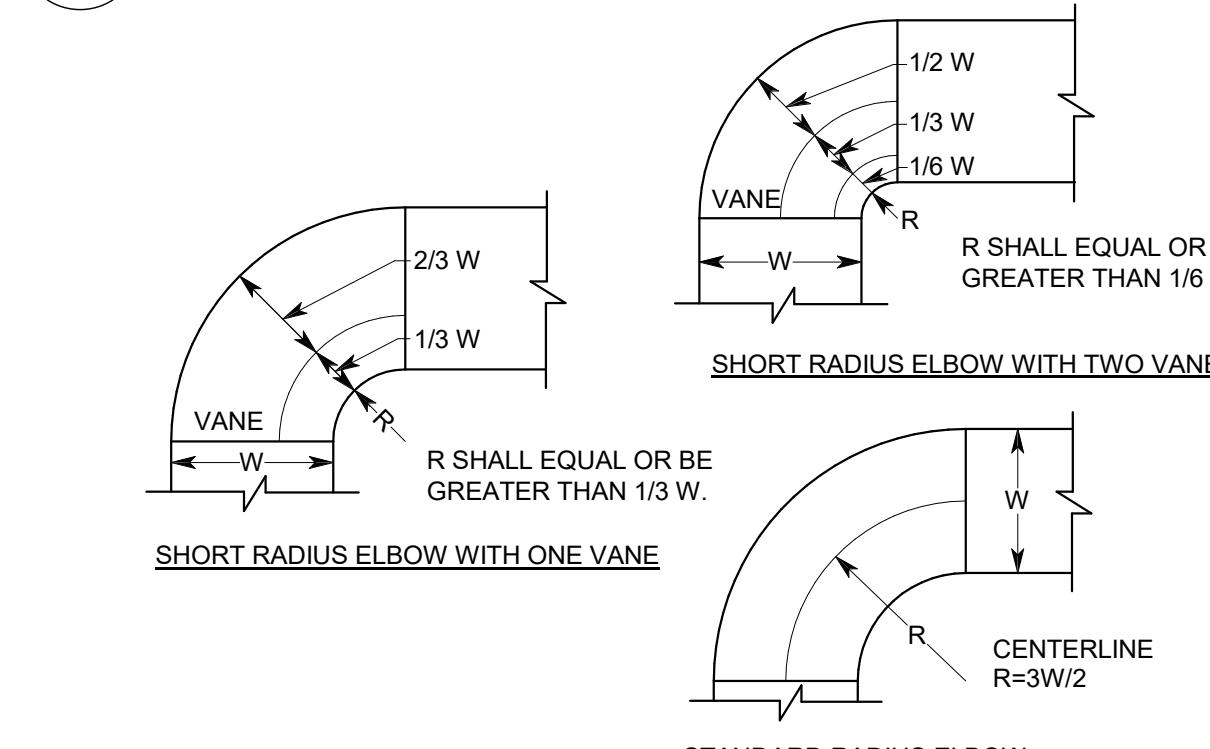
5 RECTANGULAR DUCT HANGER
SCALE: NTS



4 ROUND DUCT HANGER
SCALE: NTS

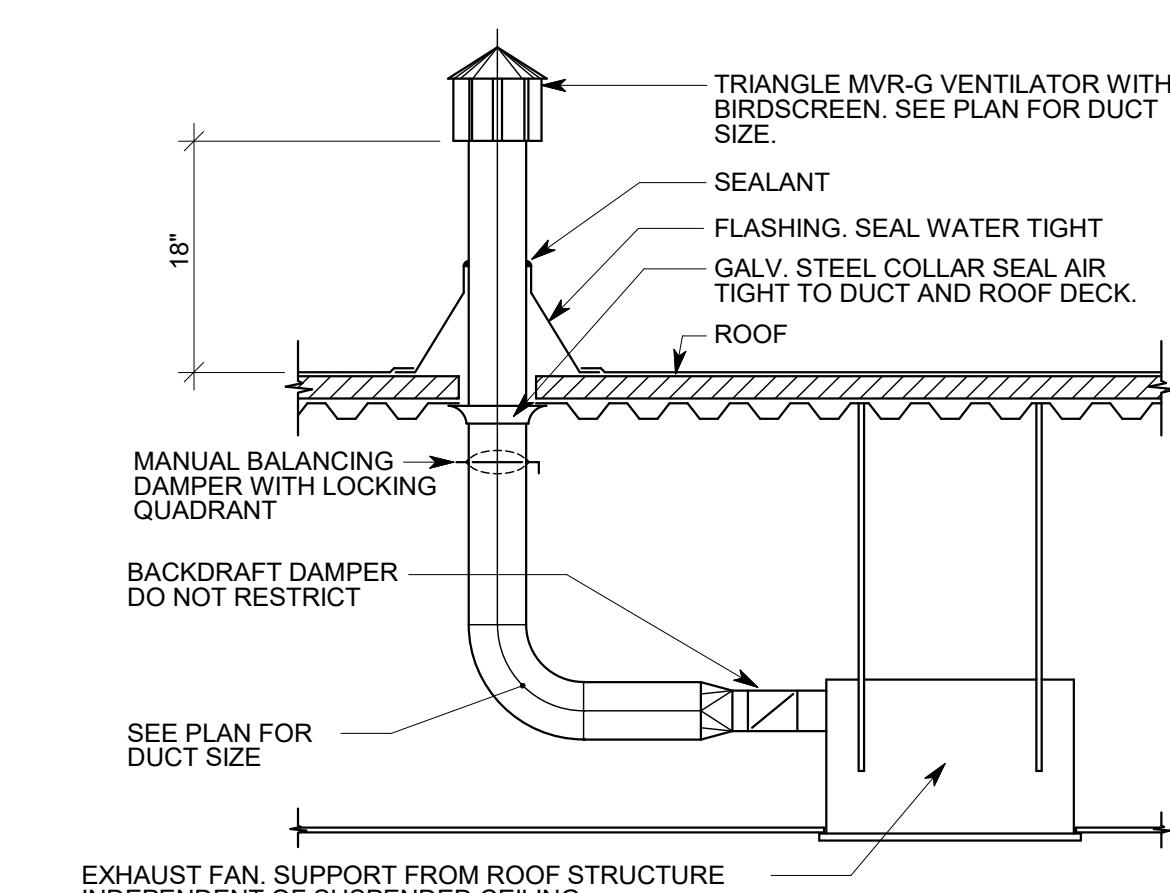


3 ROOF HOOD
SCALE: NTS

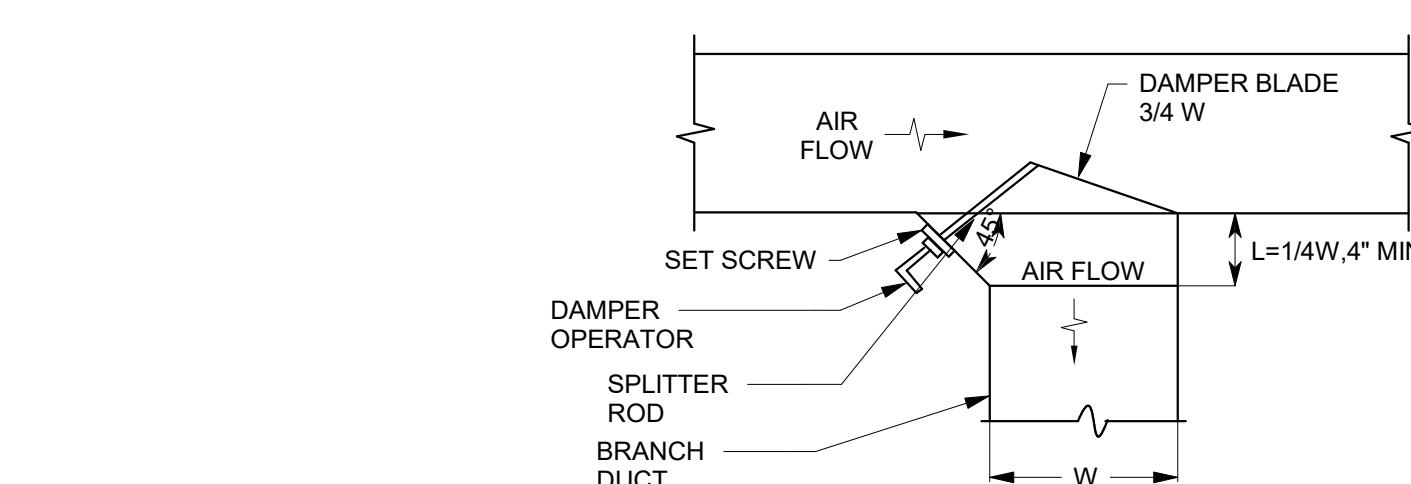


1. THE INTERIOR SURFACE OF ALL RADIUS ELBOWS SHALL BE MADE ROUND.
2. ALL STANDARD RADIUS ELBOWS SHOWN ON DRAWINGS MAY BE MADE SHORT RADIUS ELBOWS. ALL SHORT RADIUS ELBOWS SHALL HAVE VANES. VANES SHALL BE CONSTRUCTED, SUPPORTED AND FASTENED AS RECOMMENDED BY SMACNA.

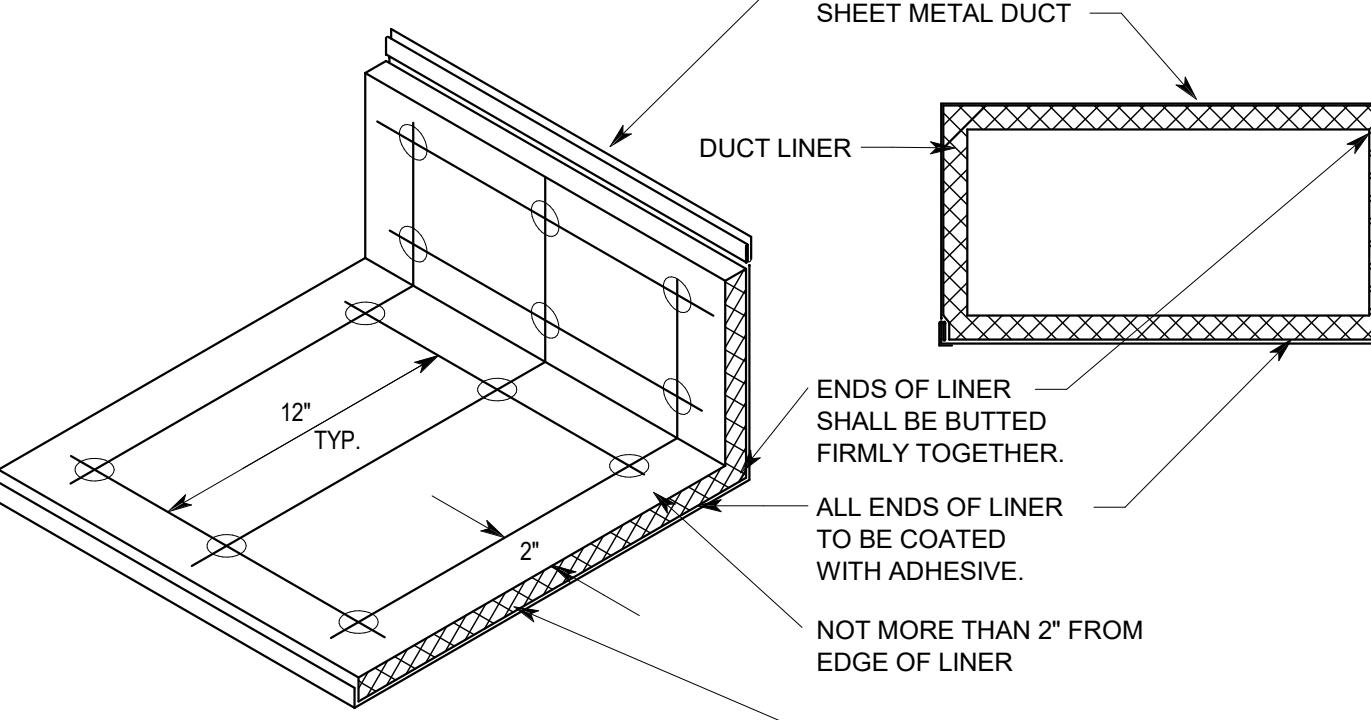
2 DUCT RADIUS ELBOWS
SCALE: NTS



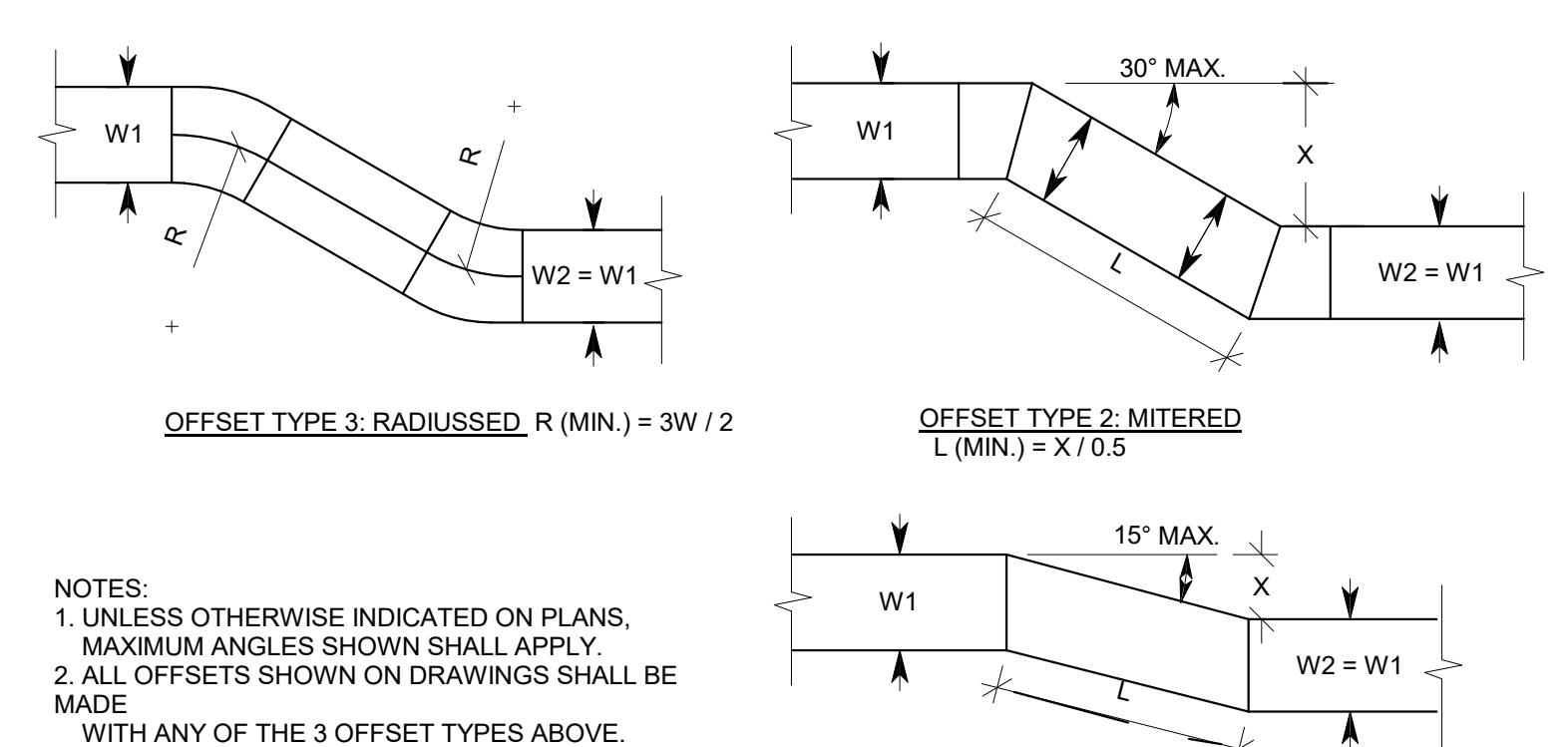
1 CEILING MOUNTED EXHAUST FAN DETAIL
SCALE: NTS



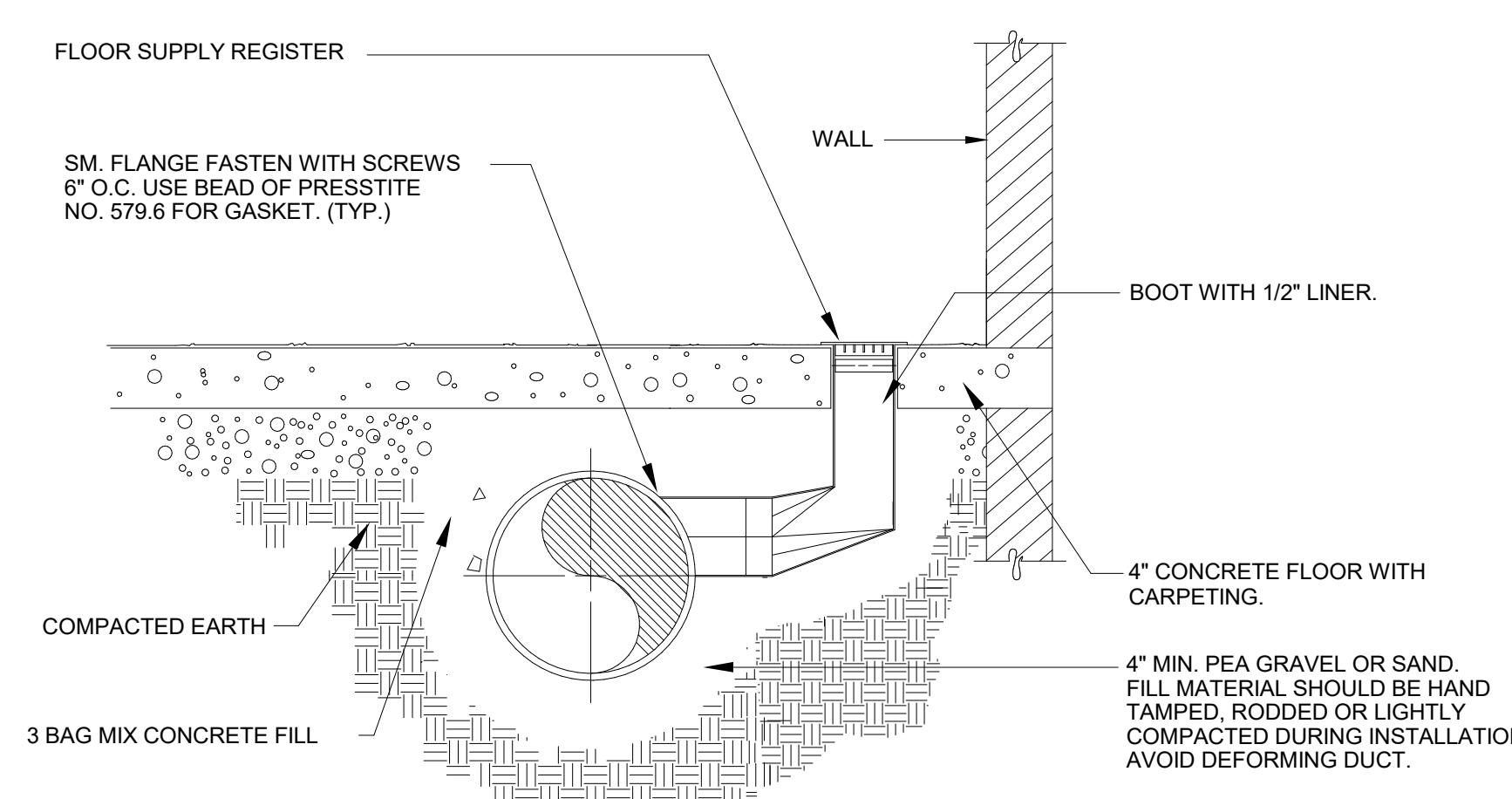
9 DUCT TAKE-OFF
SCALE: NTS



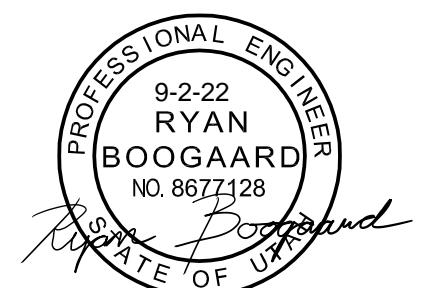
8 DUCT LINER
SCALE: 1/8" = 1'-0"



7 DUCT OFFSETS
SCALE: NTS



6 UNDERGROUND DUCT AND FLOOR SUPPLY AIR REGISTER DETAIL
SCALE: NTS



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								
B6F RESTROOM 50 0.20 985 0.3 10 5.1 W 120 1 60 N Y N BROAN ZB80 1-7.9			STARTER								
KEF KITCHEN HOOD 400 0.08 0 50 385 W 110 1 60 N Y N ZLINE 4824 VHB-G 1.8,10			FURN BY ELEC FURN BY MECH MANUFACTURER MODEL REMARKS								

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.								
LBD LINEAR BAR DIFFUSER (PENCIL PROOF)			BLOW PATTERN 30 DEG DEFLECTION 124								
SG LINEAR BAR DIFFUSER (PENCIL PROOF)			FACE SIZE 4X12 NECK SIZE 4X8 MAX NC 25 PRESSURE DROP (in-wg) 0.076 THROW 14-21-32 MANUFACTURER TITUS MODEL ALL								
KEF KITCHEN HOOD 400 0.08 0 50 385 W 110 1 60 N Y N ZLINE 4824 VHB-G 1.8,10			REMARKS								

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								
RH RELIEF			BLOW PATTERN 30 DEG DEFLECTION 124								
RH RELIEF			FACE SIZE 4X12 NECK SIZE 4X8 MAX NC 25 PRESSURE DROP (in-wg) 0.076 THROW 14-21-32 MANUFACTURER TITUS MODEL ALL								
KEF KITCHEN HOOD 400 0.08 0 50 385 W 110 1 60 N Y N ZLINE 4824 VHB-G 1.8,10			REMARKS								

DUCT INSULATION REQUIREMENTS											
DUCT SYSTEM	DUCT LOCATION			INSULATION MATERIALS			MINIMUM THERMAL RESISTANCE ("R")		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 INTERIOR, CONCEALED OR EXPOSED			MINERAL-FIBER BLANKET			8.0	12.0	NONE		
	BUILDING EXTERIOR (OUTSIDE BUILDING INSULATION)			MINERAL-FIBER BLANKET			8.0	12.0	NONE		
FLEXIBLE	BUILDING INTERIOR DUCT			MINERAL-FIBER BLANKET			6.0	6.0	NONE		
				POLYETHYLENE INNER AND OUTER JACKET							

NOTES

1. DUCT INSULATION THERMAL RESISTANCE VALUES DETERMINED FROM 2018 IECC SECTION C403.11.
2. CLIMATE ZONES ARE TERMINATED AS PER THE PROJECT REQUIREMENTS ZONE XXXX.
3. ALL INSULATION SHALL HAVE ALL SERVICE FROM MANUFACTURER: FIBERGLASS, 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 DUCT LINER "R" VALUE IS 1.5X THE DUCT WRAP "R" VALUE. ADDITIONAL DUCT LINER SHALL BE PROVIDED TO VALUE NEEDED PER TABLE ABOVE.
7. DUCT DIMENSIONS AND DRAWS SHALL BE SHOWN ON DRAWINGS. WHERE DUCT LINER IS CHOSEN, INCREASE METAL DUCT SIZE TO ALLOW FOR THICKNESS OF DUCT LINER.
8. TOTAL LENGTH OF FLEXIBLE DUCT 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. DUCT LINER SHALL NOT BE USED IN CONJUNCTION WITH RIGID METAL FITTINGS.
11. INDOOR DUCT INSULATION 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 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, SMOULDER, 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.

Owner
Utah School for the Deaf and Blind
Activity Center

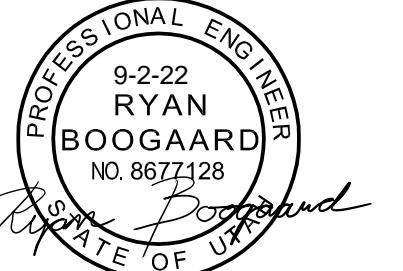
742 Harrison Blvd.
Ogden, UT

NJRA Project #
CONSTRUCTION DOCUMENTS

27707.00
SEPT 2, 2022

MECHANICAL
SCHEDULES

M601



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. THE TERM "INDICATED" AND "NOTED" AND "SCHEDULED" AND "SPECIFIED" ARE USED IT IS TO HELP THE READER LOCATE THE REFERENCE, AND NO LIMITATION ON LOCATION IS INTENDED.	
DIRECTED: TERMS SUCH AS "DIRECTED", "REQUESTED", "AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "APPROVED 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.	

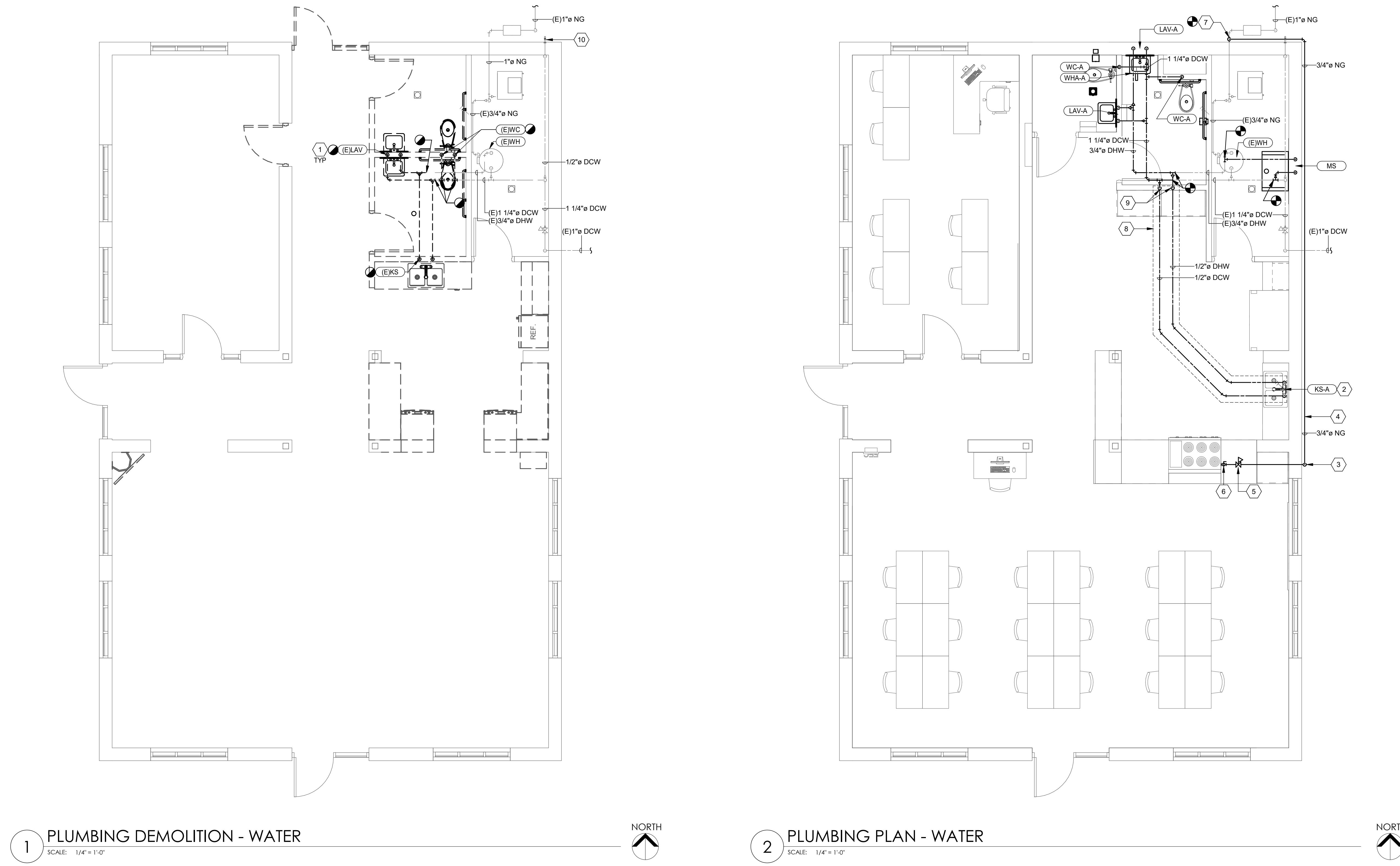
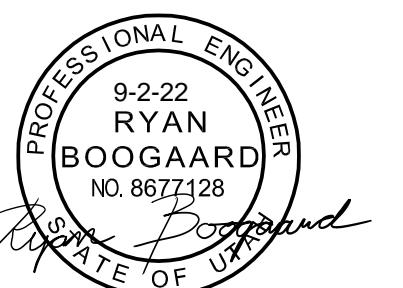
PIPING LEGEND	
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.	
ABBREVIATION	DESCRIPTION
	160°F HOT WATER
	160°F HOT WATER RETURN / CIRCULATION
	180°F HOT WATER
	180°F HOT WATER RETURN / CIRCULATION
	ACID WASTE
	ACID VENT
	CARBON DIOXIDE
	COMBINATION WASTE AND VENT
	COMPRESSED AIR
	CONDENSATE DRAIN
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC HOT WATER RECIRCULATION
	DEIONIZED WATER
	DOMESTIC SOFT WATER
	DEMOLISHED PIPING
	FIRE PROTECTION
	FUEL OIL RETURN
	FUEL OIL SUPPLY
	FUEL OIL VENT
	GREASE WASTE
	HIGH PRESSURE CONDENSATE
	MEDIUM PRESSURE CONDENSATE
	LOW PRESSURE CONDENSATE
	INDUSTRIAL COLD WATER
	INDUSTRIAL HOT WATER
	IRRIGATION WATER
	LIQUID PROpane GAS
	MEDICAL AIR
	NATURAL GAS
	NITROUS OXIDE
	OXYGEN
	PUMPED CONDENSATE
	RAINWATER / STORM DRAIN
	SECONDARY RAINWATER / STORM DRAIN
	SANITARY SEWER
	VACUUM
	VENT

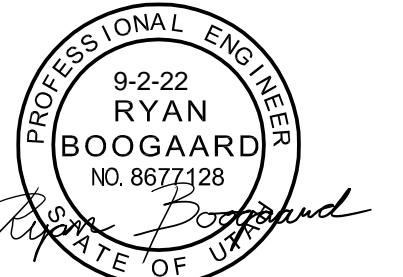
SYMBOL LEGEND - PIPING	
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.	
SYMBOL	DESCRIPTION
	SHUT OFF VALVE
	GATE VALVE
	CHECK VALVE
	AUTOMATIC 2-WAY VALVE
	AUTOMATIC 3-WAY VALVE
	GLOBE VALVE
	BALL VALVE
	RELIEF VALVE
	PRESSURE REDUCING VALVE
	BUTTERFLY VALVE
	SOLENOID VALVE
	ANGLE VALVE
	VENTURI VALVE
	BALANCING 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

SYMBOL LEGEND - PIPING	
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.	
SYMBOL	DESCRIPTION
	EXISTING FUTURE
	AIR CONDITIONING,-ED)
	AIR PRESSURE DROP
	BALANCING DAMPER
	BRAKE HORSE POWER
	BRITISH THERMAL UNIT
	BTU/HOUR
	CUBIC FEET PER HOUR
	CUBIC FEET PER MINUTE
	CONTROL VALVE
	DRY BULB TEMPERATURE
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC HOT WATER RECIRC
	DEPTH, DEEP, OR DROP IN PRESSURE
	EXHAUST AIR
	ENERGY EFFICIENCY RATIO
	EFFICIENCY
	ELECTRICAL
	ELEVATION
	ENTERING
	EVAPORATE,-ING,-ED,-OR)
	ENTERING WATER TEMPERATURE
	EXTERNAL
	FIRE DAMPER
	FULL LOAD AMPS
	FINS PER INCH
	FEET PER MINUTE
	FEET PER SECOND
	FEET PER SECOND
	GEARING EXHAUST
	GALLONS PER HOUR
	GALLONS PER MINUTE
	HEAD
	MERCURY
	HORSEPOWER
	HOUR
	HEATING
	HERTZ (FREQUENCY)
	INCH
	KILOWATT
	LEAVING AIR TEMPERATURE
	POUNDS
	LATENT HEAT
	LOCKED ROTOR AMPS
	LEAVING
	LEAVING WATER TEMPERATURE
	THOUSAND BTU PER HOUR
	MINIMUM CIRCUIT AMPS
	MANUFACTURER (MFR, ED)
	NORMALLY CLOSED OR NOISE CRITERIA
	NOT IN CONTRACT
	NORMALLY OPEN
	NET POSITIVE SUCTION HEAD
	NOT TO SCALE
	OUTSIDE AIR
	OUTSIDE DIAMETER
	OUNCE
	PRESSURE DROP OR DIFFERENCE
	PROPYLENE GLYCOL
	PHASE
	PARTS PER MILLION
	POUNDS PER SQUARE FOOT
	POUNDS PER SQUARE INCH
	PSI ABSOLUTE
	PSI GAUGE
	RETURN AIR
	RECIRCULATE (-ER,-ED,-ING)
	REFRIGERATION
	REOD
	RATED LOAD AMPS
	REVOLUTIONS PER MINUTE
	SUPPLY AIR
	STANDARD CUBIC FEET PER MINUTE
	SOFT COLD WATER
	SENSIBLE HEAT
	STATIC PRESSURE
	SPECIFICATION(S)
	SQUARE
	STANDARD
	SOIL, WASTE
	TRANSFER AIR (RETURN)
	TRANSFER AIR (SUPPLY)
	TEMP. DROP OR DIFF.
	TEMPERATURE
	TOTAL
	THERMOSTAT
	VOLT, VOLTAGE OR VENT
	VACUUM
	VARIABLE AIR VOLUME

HEX 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 CABINERY 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.





Utah School for the Deaf and Blind
Activity Center

742 Harrison Blvd.
Ogden, UT

Owner
Utah School for the Deaf and Blind
Activity Center

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Ogden, UT

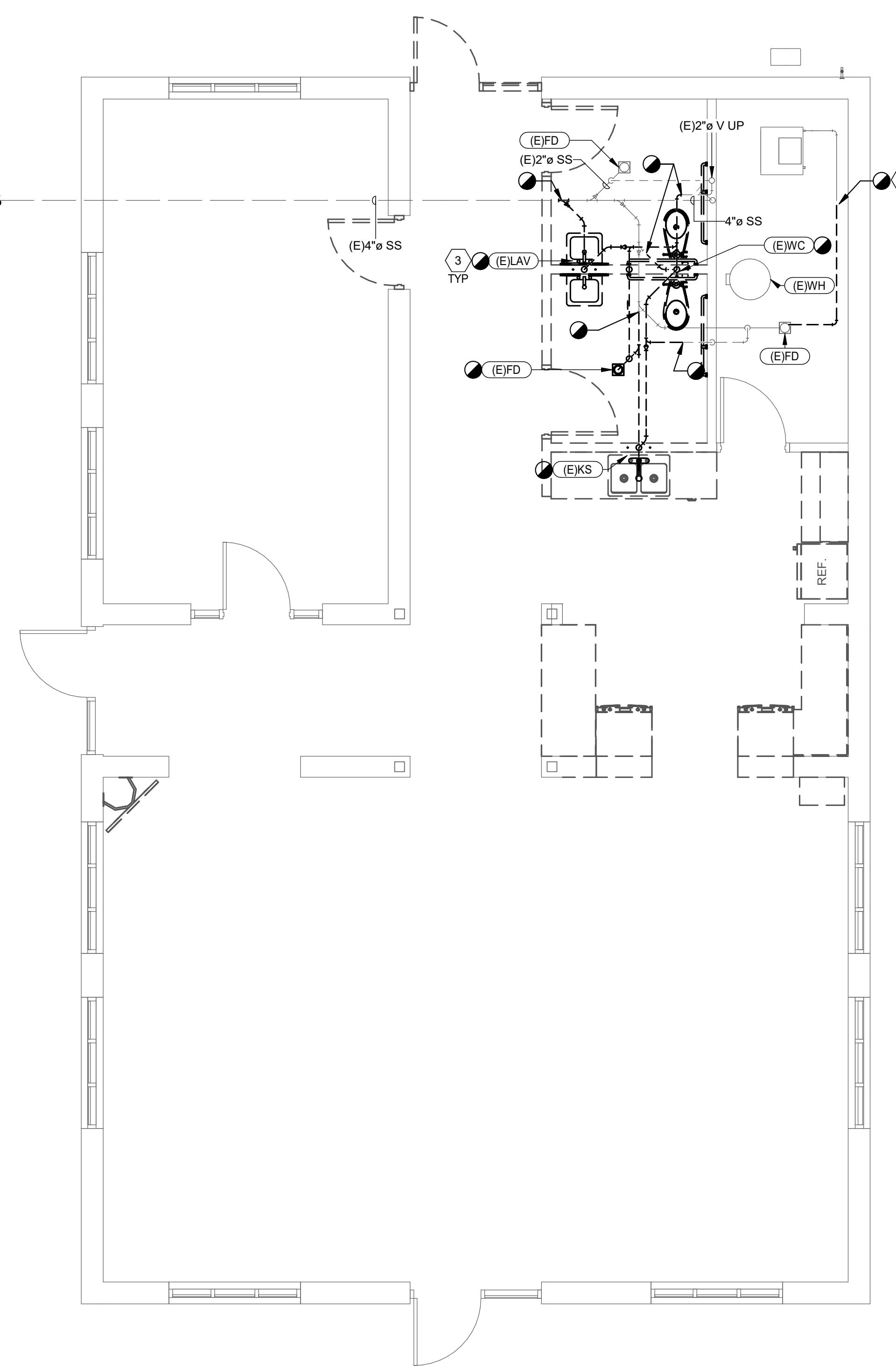
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CONSTRUCTION DOCUMENTS
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SEPT 2, 2022

PLUMBING
PLAN WASTE
& VENT

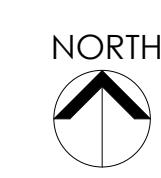
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Sheet Keynotes

- 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 VALVE. SEE DETAIL.



2 PLUMBING DEMOLITION - DWV

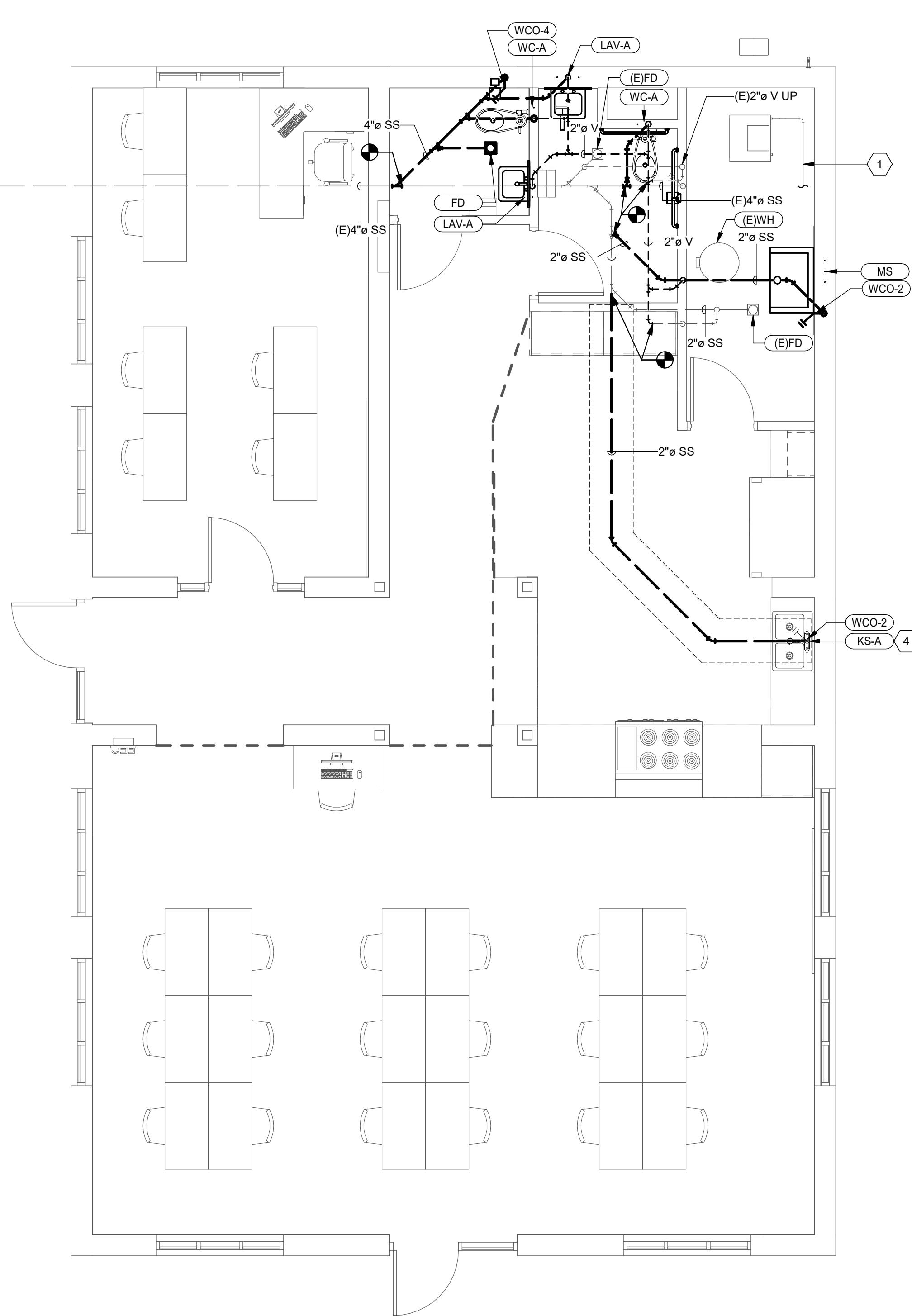


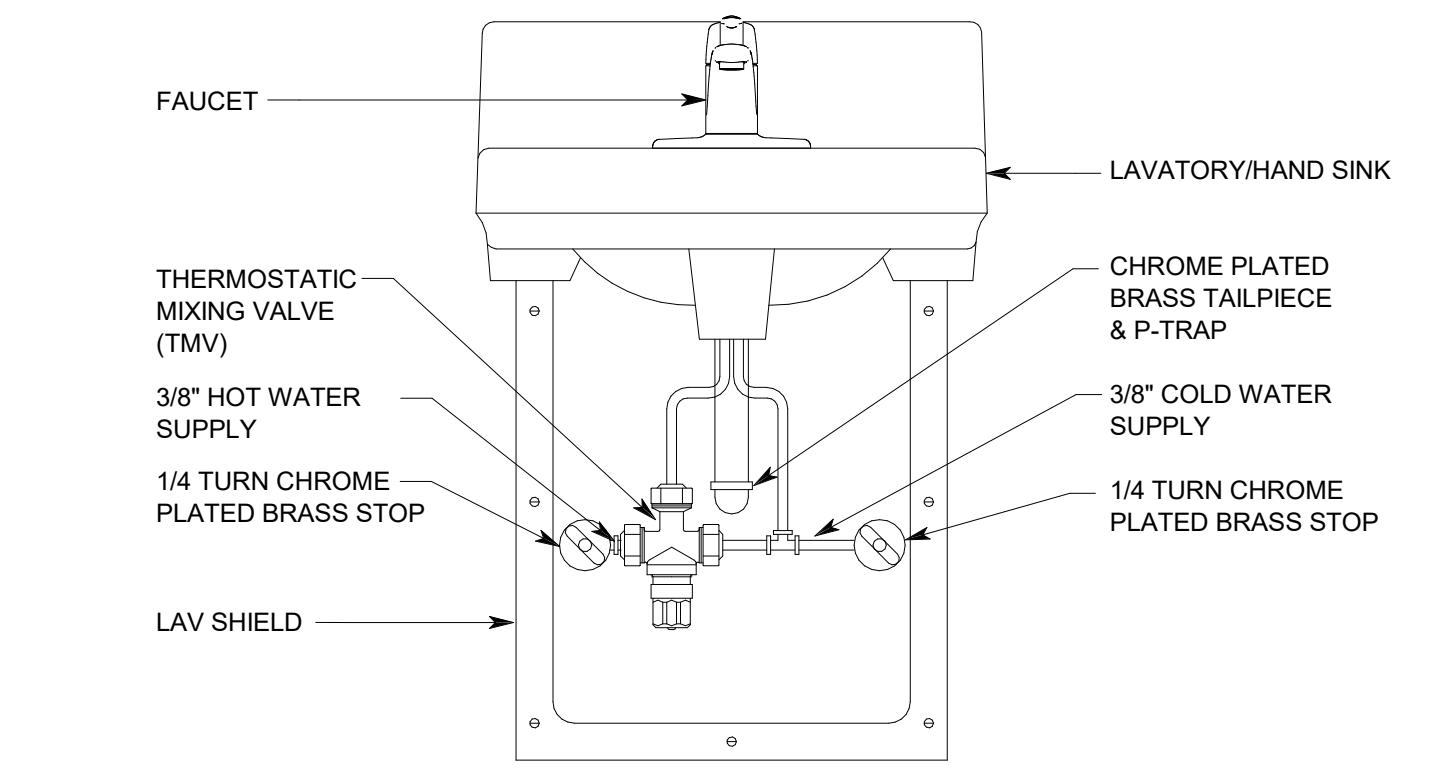
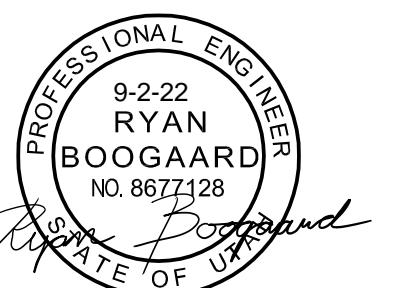
1 PLUMBING PLAN - DWV

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

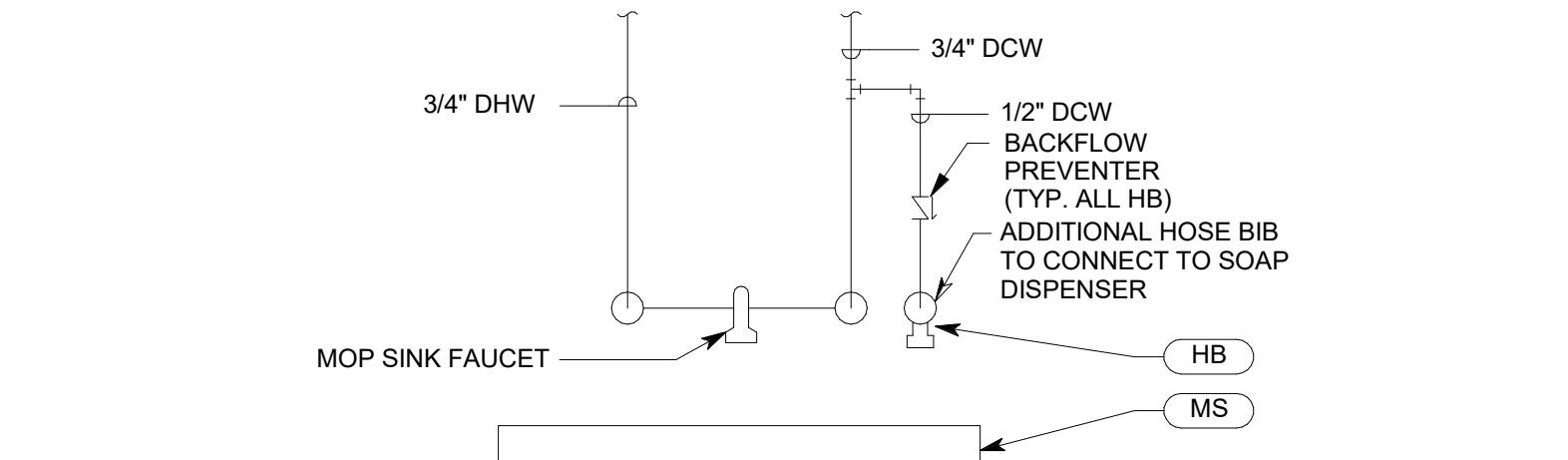


SCALE: 1/4" = 1'-0"

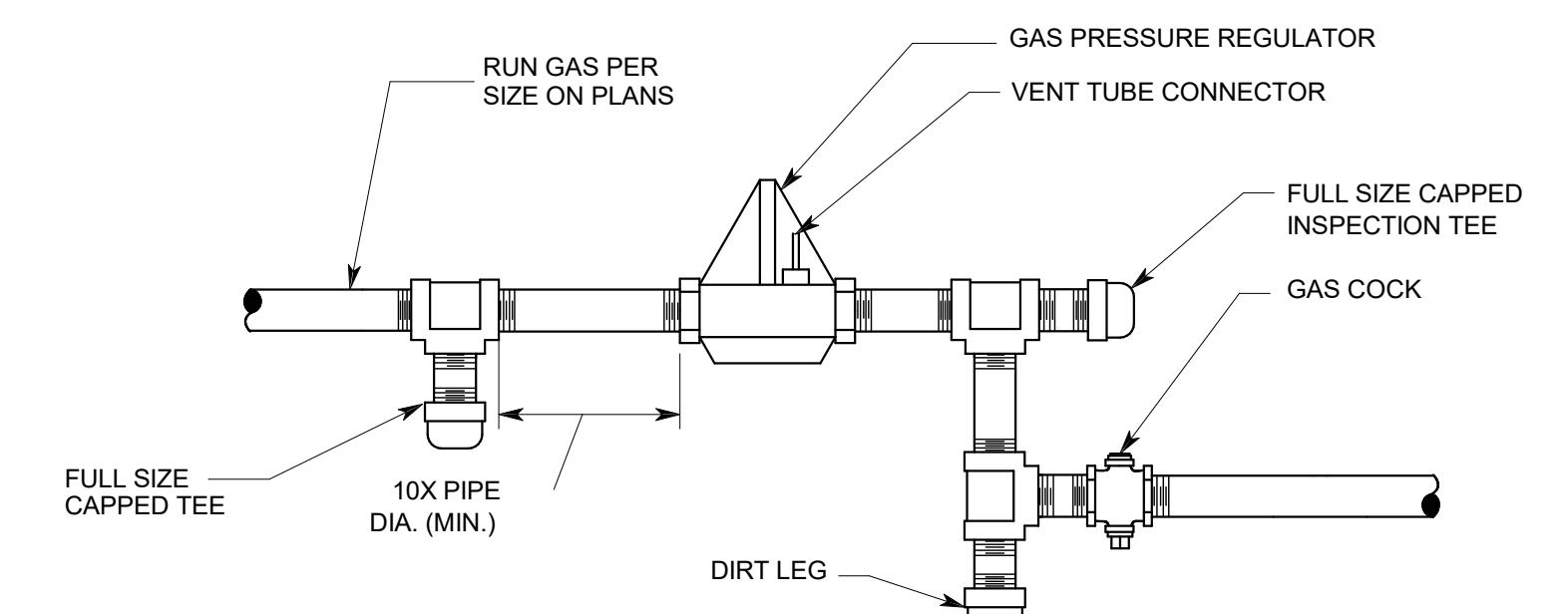




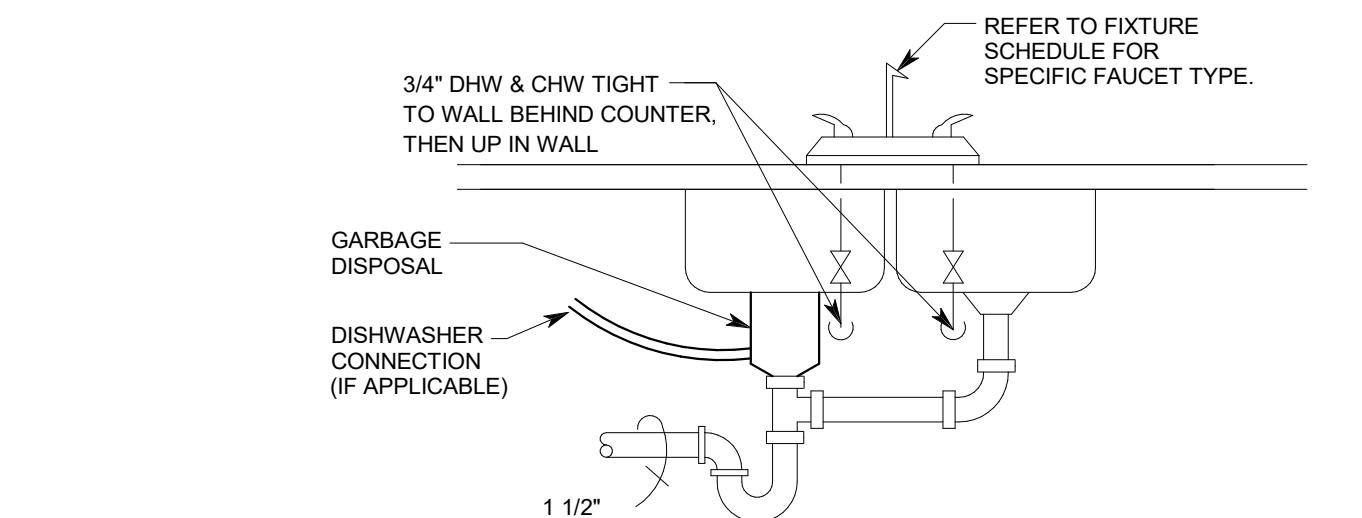
5 THERMOSTATIC MIXING VALVE AT HAND SINK
SCALE: NTS



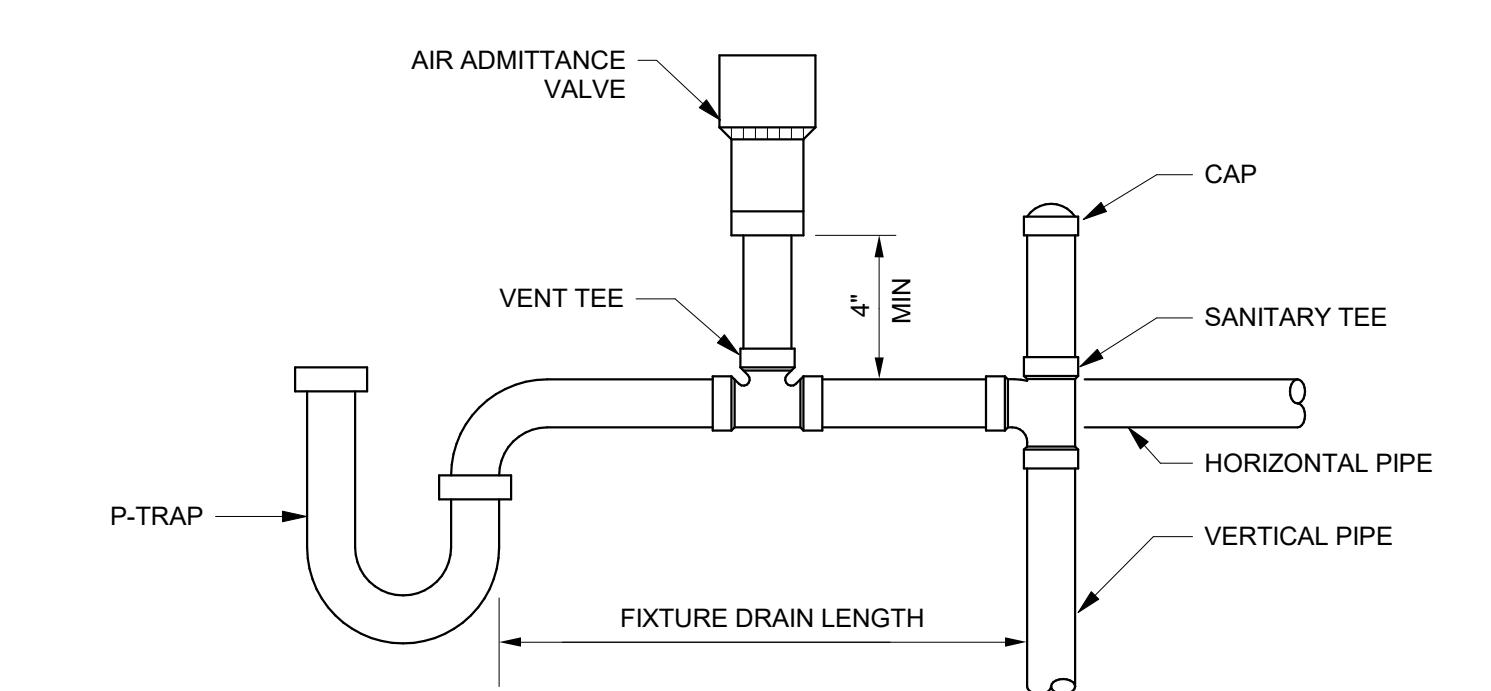
10 MOP SINK CONNECTION DETAIL
SCALE: NTS



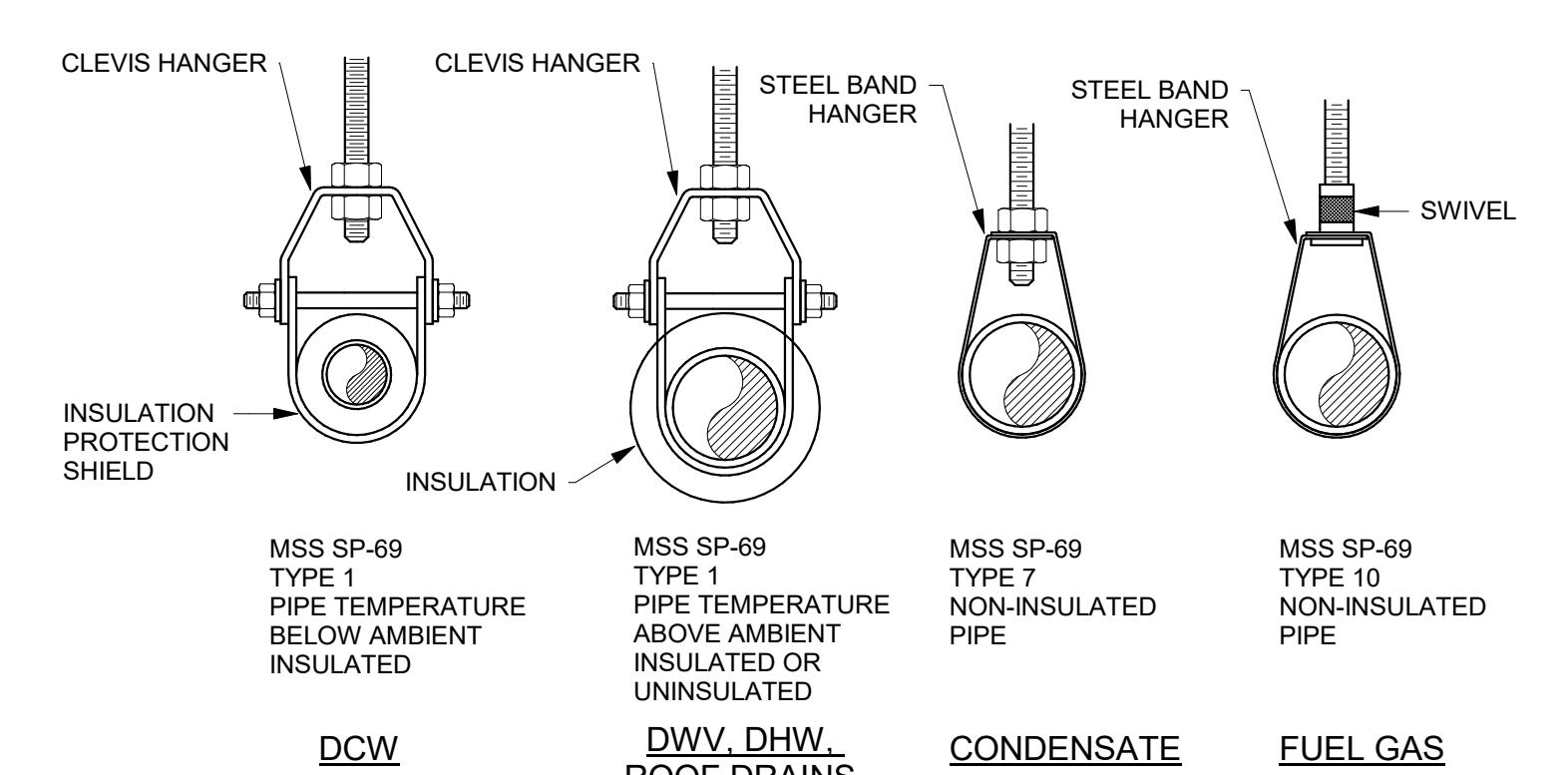
9 PLUMBING GAS PRESSURE REGULATOR
SCALE: NTS



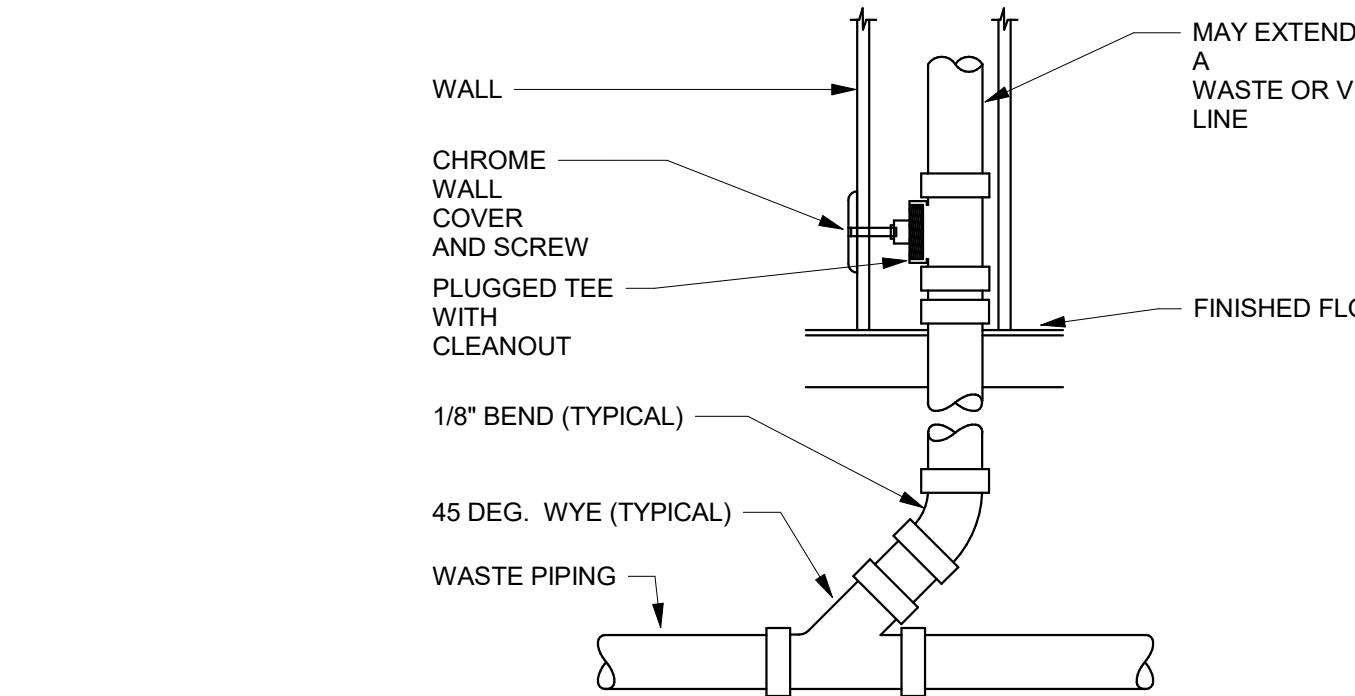
8 KITCHEN SINK CONNECTION
SCALE: NTS



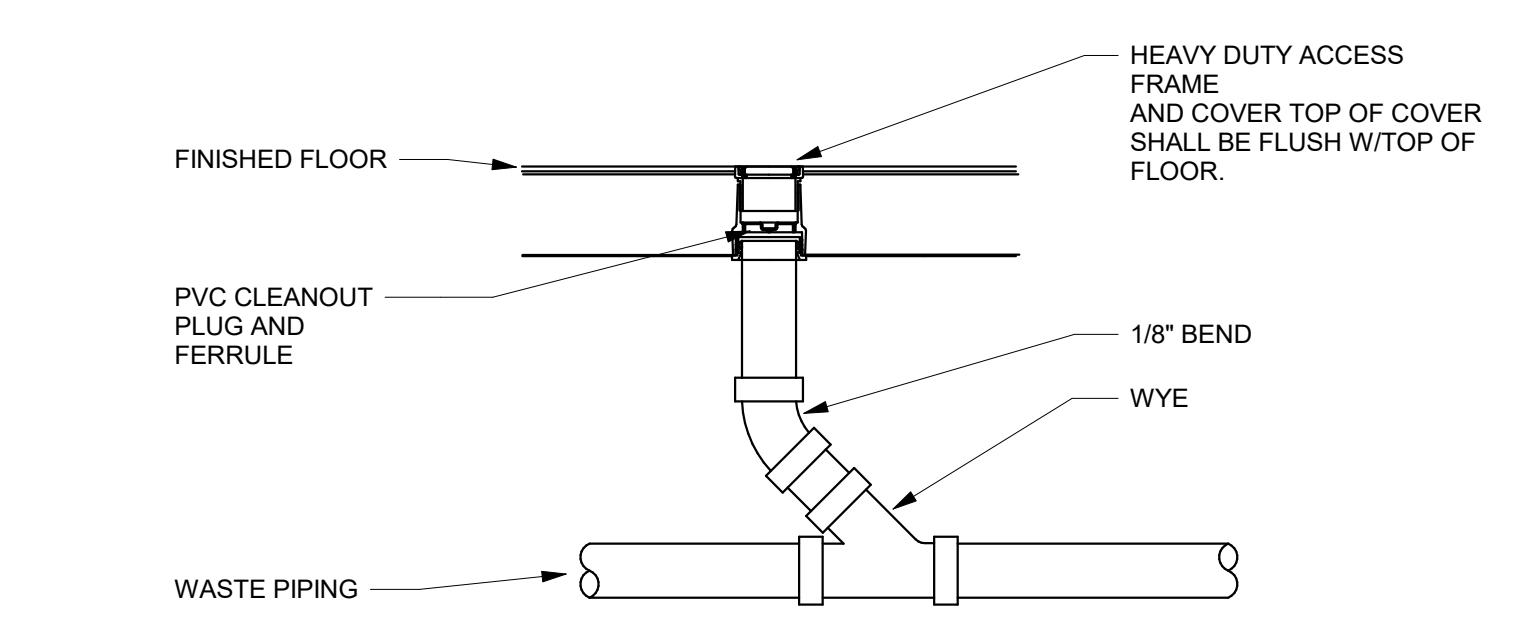
7 AIR ADMITTANCE VALVE
SCALE: NTS



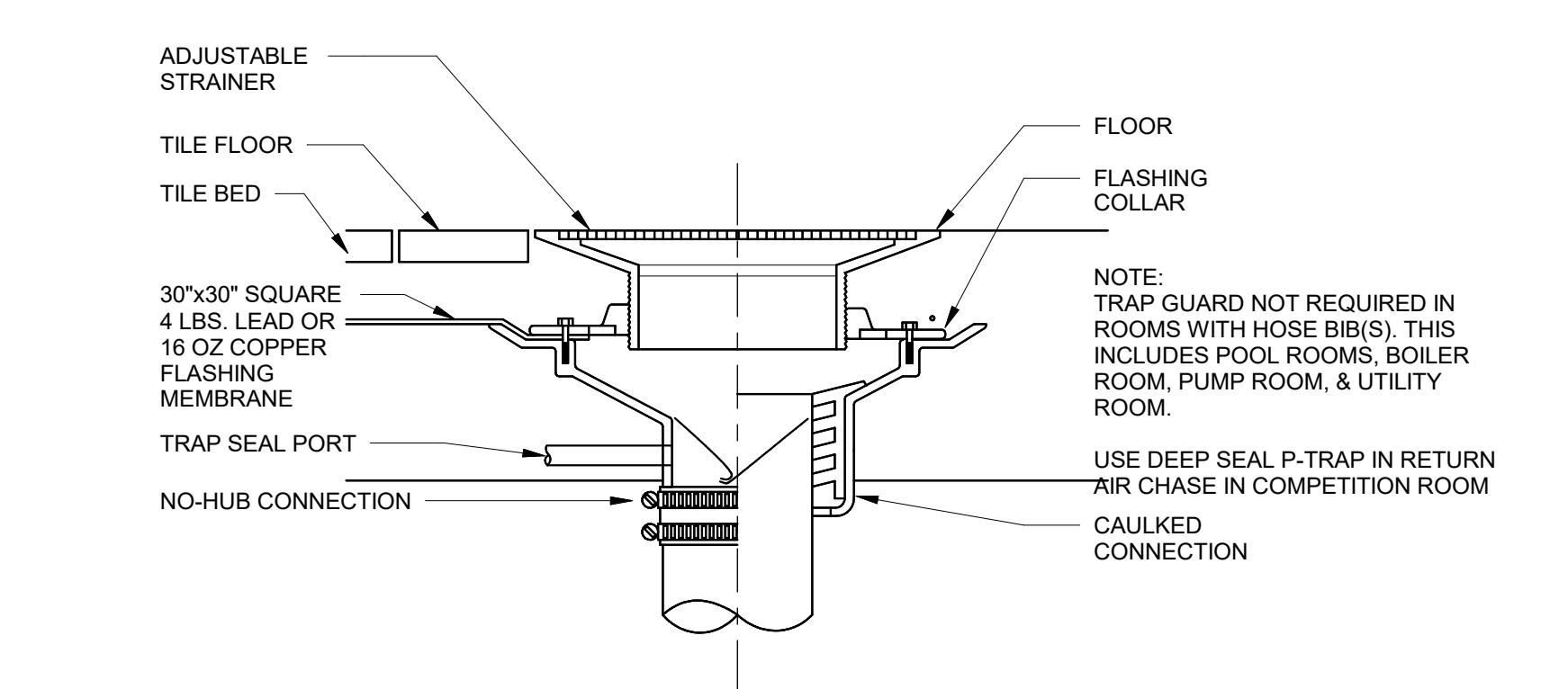
6 PIPE HANGERS x4
SCALE: NTS



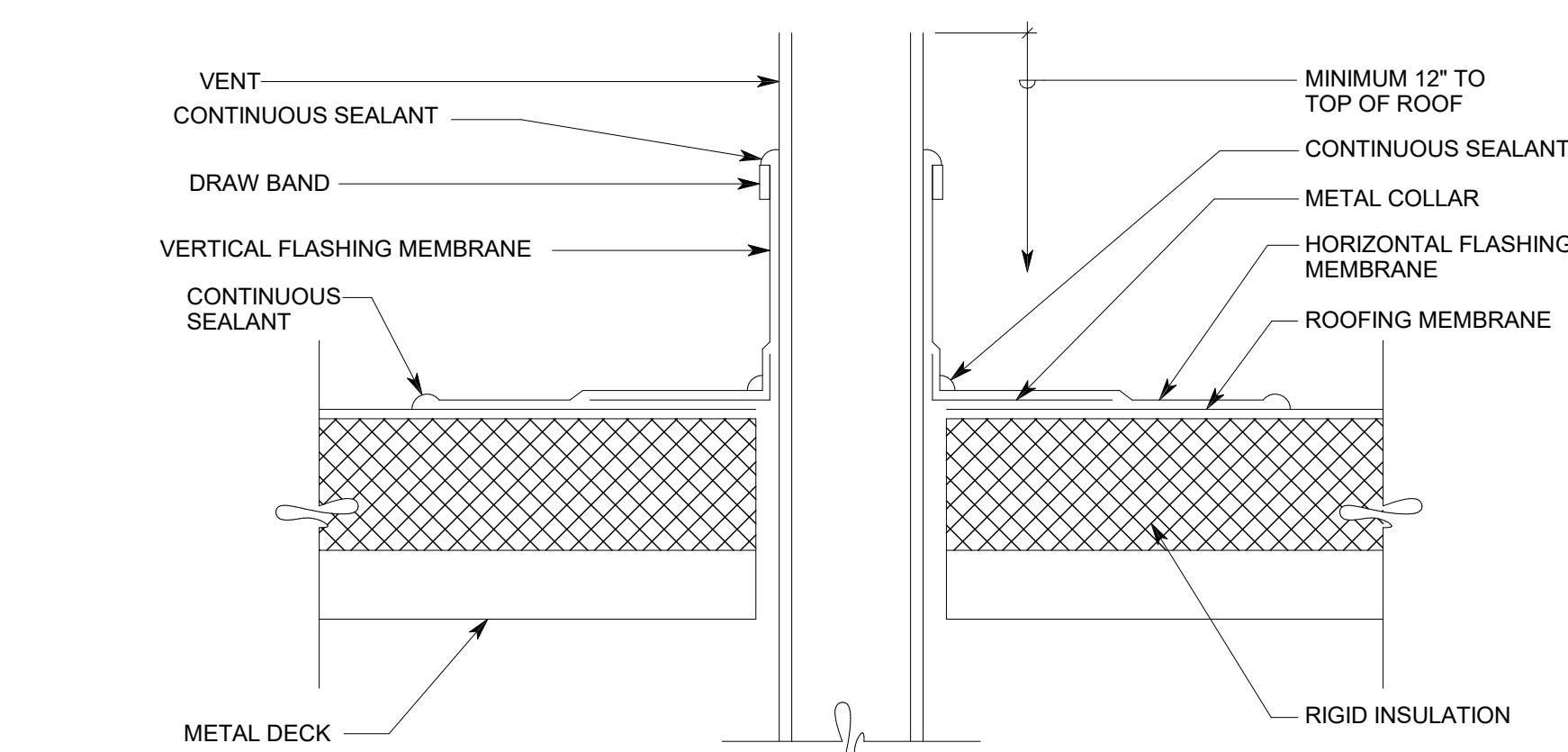
4 WALL CLEANOUT
SCALE: NTS



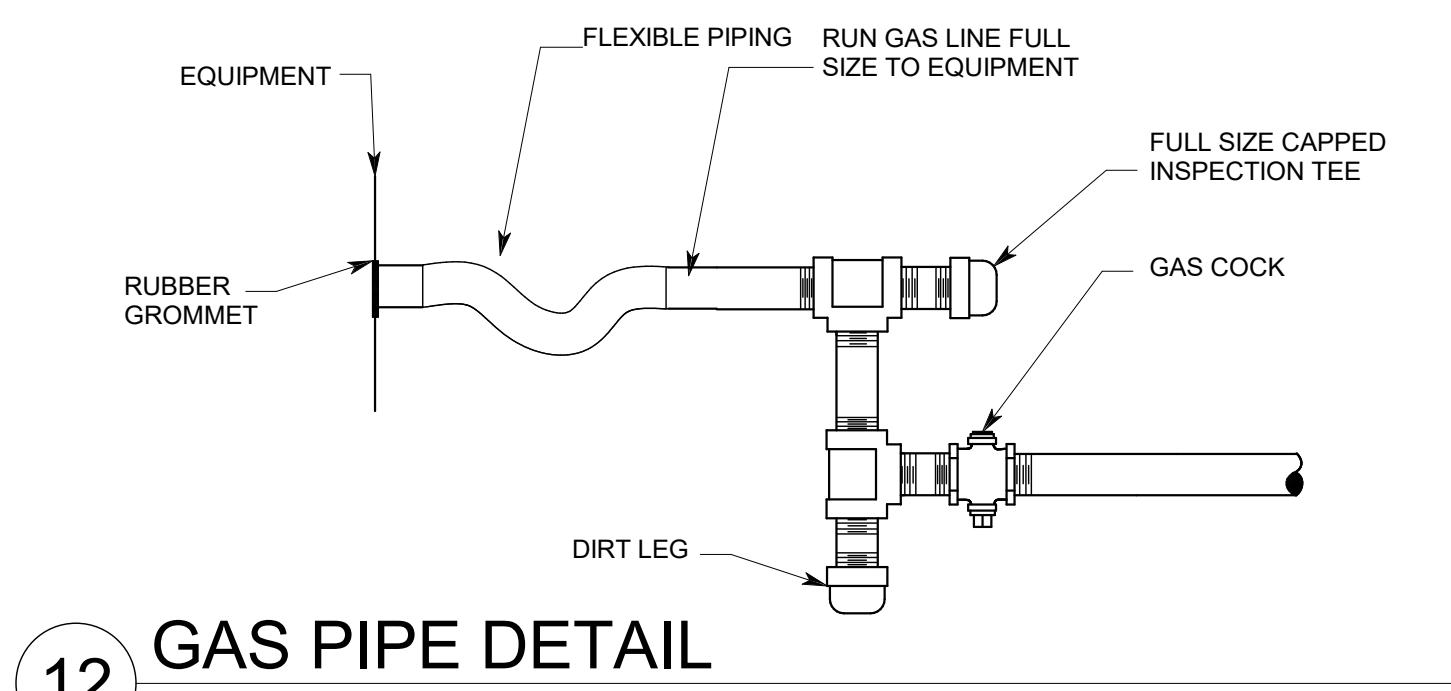
3 FLOOR CLEANOUT
SCALE: NTS



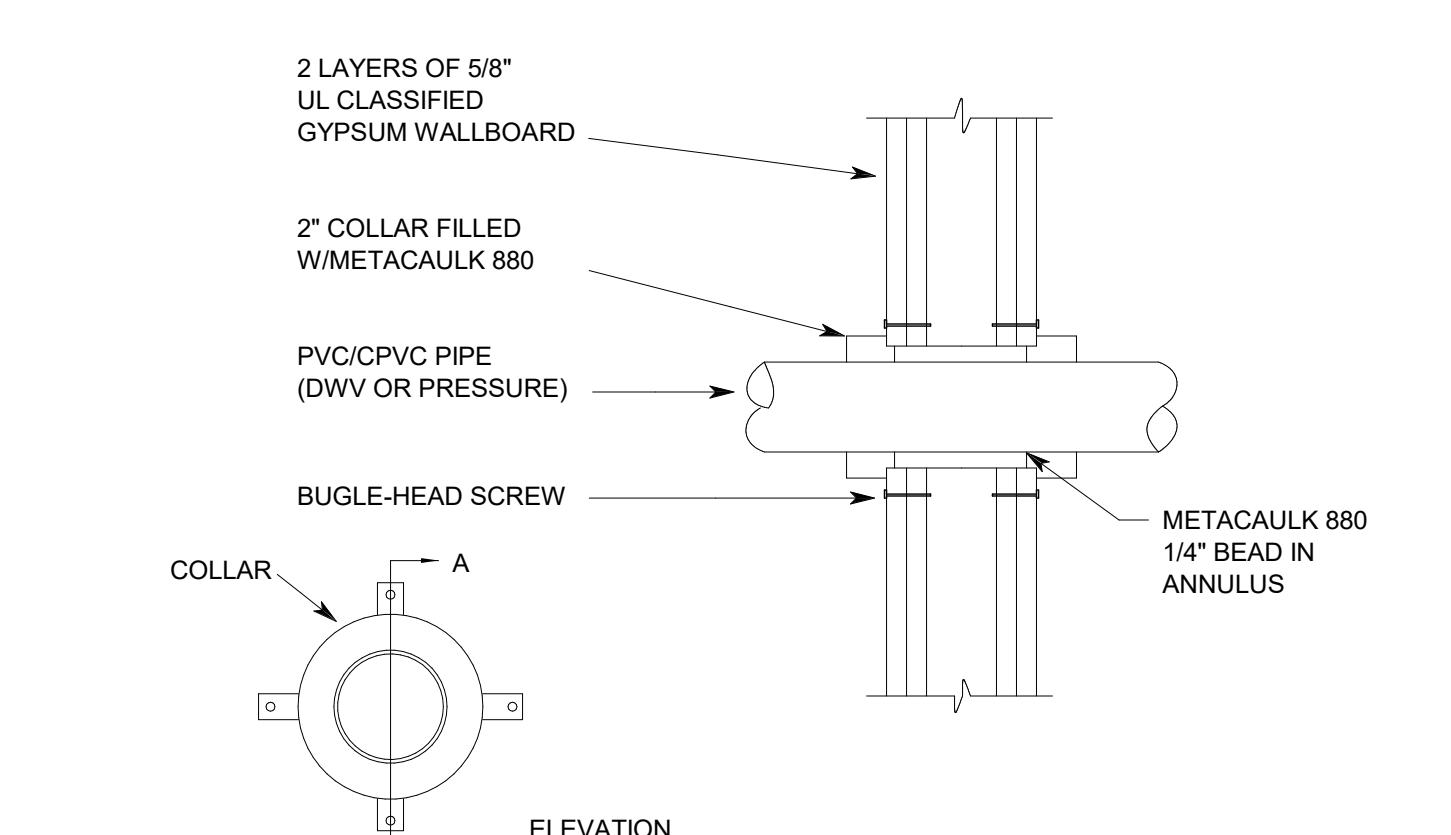
2 FLOOR DRAIN
SCALE: NTS



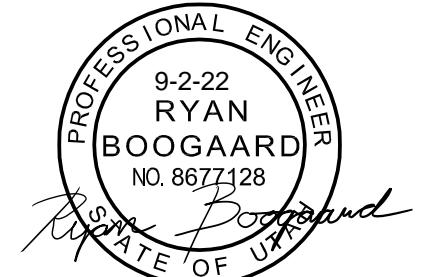
1 VENT THROUGH ROOF DETAIL
SCALE: NTS



12 GAS PIPE DETAIL
SCALE: NTS



11 PIPE WALL SLEEVE
SCALE: NTS



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: Zurn 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: Insinkerator TMV: Bradley	Fixture: LRAD291655 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: Elkay Faucet: Kohler Insulation: Truebro TMV: Webstone	Fixture: K-2034-1 Faucet: K-8907 Insulation: LavGuard 2 TMV: H-7211W-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-2057-SSL Flush Valve: ZER6000-CP-WS1 Seat: 1955CTJ	
WCO-2	WALL CLEAN OUT	2"	0"	0"	0"	0"	Fixture: Zurn	Fixture: Z1446	PROVIDE WASTE CONNECTION SAME AS PIPE SIZE
WCO-4	WALL CLEAN OUT	4"	0"	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	COMBINED WATER SUPPLY FIXTURE UNITS (WSFU)	TOTAL WATER SUPPLY FIXTURE UNITS (WSFU)
KITCHEN SINK	PRIVATE	FAUCET	1	1.4
LAVATORY	PUBLIC	FAUCET	2	2
SERVICE SINK	OFFICES, ETC.	FAUCET	1	3
WATER CLOSET, PUBLIC	PUBLIC	FLUSHOMETER VALVE	2	10
(1.6 GPF)				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	COMBINED WATER SUPPLY FIXTURE UNITS (WSFU)	TOTAL WATER SUPPLY FIXTURE UNITS (WSFU)
KITCHEN SINK	PRIVATE	FAUCET	1	1.4
LAVATORY	PUBLIC	FAUCET	2	1.5
SERVICE SINK	OFFICES, ETC.	FAUCET	1	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 =	4"		
TABLE 710.1(1) - BUILDING DRAINS AND SEWERS - 180 DFU'S PERMITTED ON MAIN			
EQUIPMENT	QUANTITY	INDIVIDUAL DRAINEAGE FIXTURE UNIT	TOTAL DRAINEAGE 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, MALLEABLE 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)				
	CONDUCTIVITY (BTU/IN. H. DEG. F)	MEAN RATING TEMPERATURE (F)	< 1	1 to < 1 1/2	1 1/2 to < 4	4 to < 8	> 8
251 - 350	0.29 - 0.32	200	3.0	4.0	4.5	4.5	4.5
201 - 250	0.27 - 0.30	150	2.5	2.5	2.5	3.0	3.0
141 - 200	0.25 - 0.29	125	1.5	1.5	2.0	2.0	2.0
105 - 140	0.21 - 0.28	100	1.0	1.0	1.5	1.5	1.5
40 - 60	0.21 - 0.27	75	0.5	0.5	1.0	1.0	1.0
< 40	0.20 - 0.26	50	0.5	1.0	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 THICKNESSES 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.

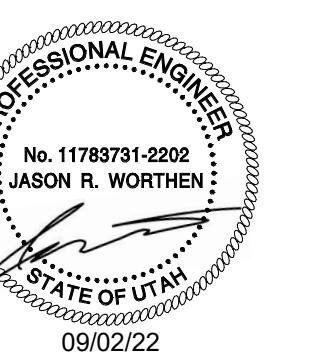
NATURAL GAS REQUIREMENTS

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	
				CAST COPPER-ALLOY SOLDER JOINT OR WROUGHT COPPER SOLDER JOINT	LEAD FREE SOLDER
DOMESTIC WATER DISTRIBUTION	TYPE "L" COPPER TUBING				
	CROSS-LINKED POLYETHYLENE (PEX) SDR 9	LEAD FREE BRASS INSERT OR ENGINEERED PLASTIC INSERT	PIPE JOINT COMPOUND	COPPER CRIMP RING COLD EXPANSION	APPROVED BY PIPE MANUFACTURER PROVIDE A 2-FT x 3-FT THERMAL EXPANSION LOOP...
DRAIN WASTE AND VENT (BELOW GRADE)	SCHEDULE 40 RIGID POLYVINYL CHLORIDE (PVC)	SCHEDULE 40 RIGID PVC JOINT			
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			



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. REMOVE ALL FIRE ALARM DEVICES WHERE EXISTING WALLS AND CEILINGS ARE NOT REMOVED. 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 CABLEING WHETHER ABANDONED DUE TO THIS PROJECT OR AS A RESULT OF THIS PROJECT. NOT ALL ABANDONED ITEMS ARE SHOWN ON THE 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 WiFi 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.

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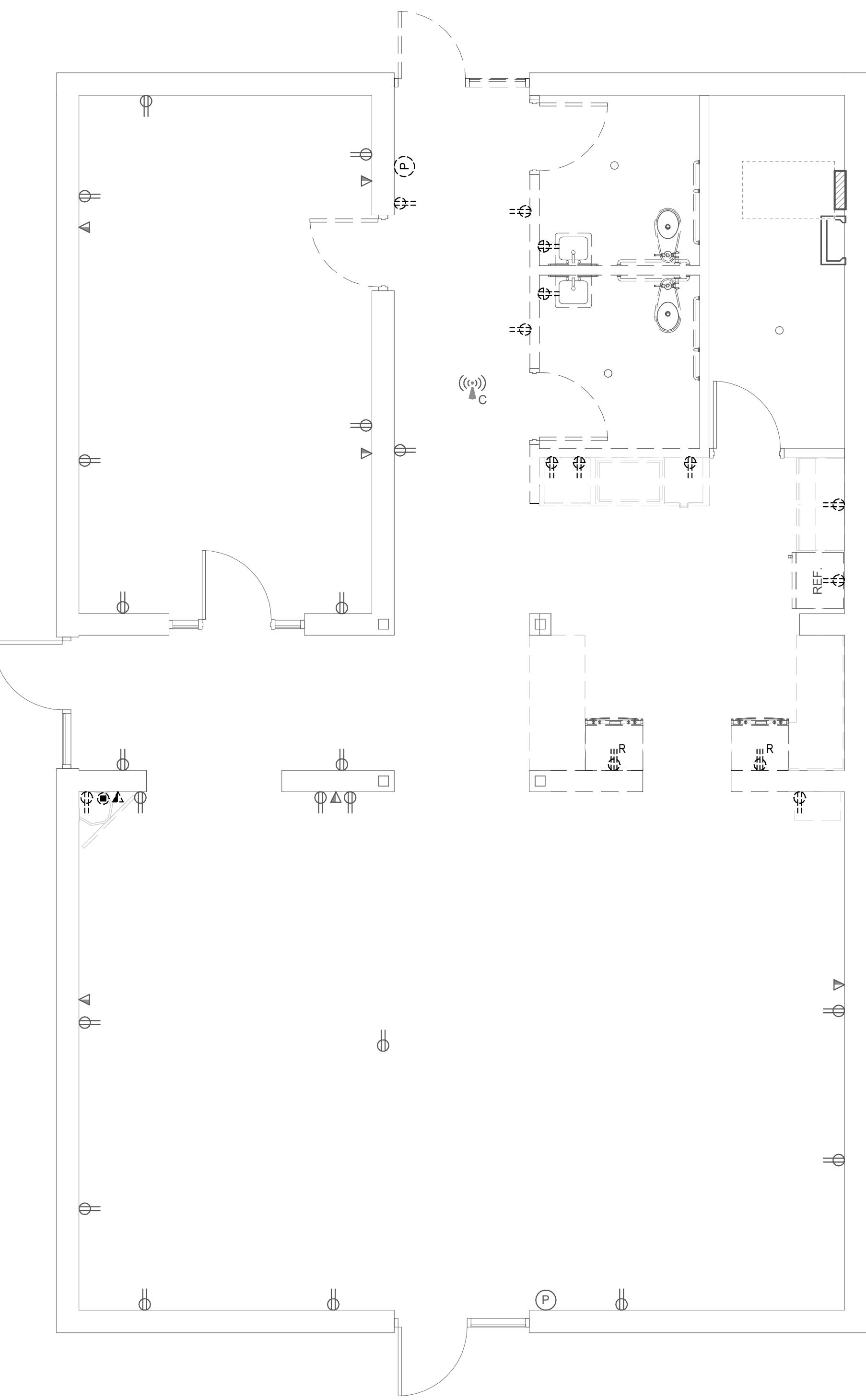
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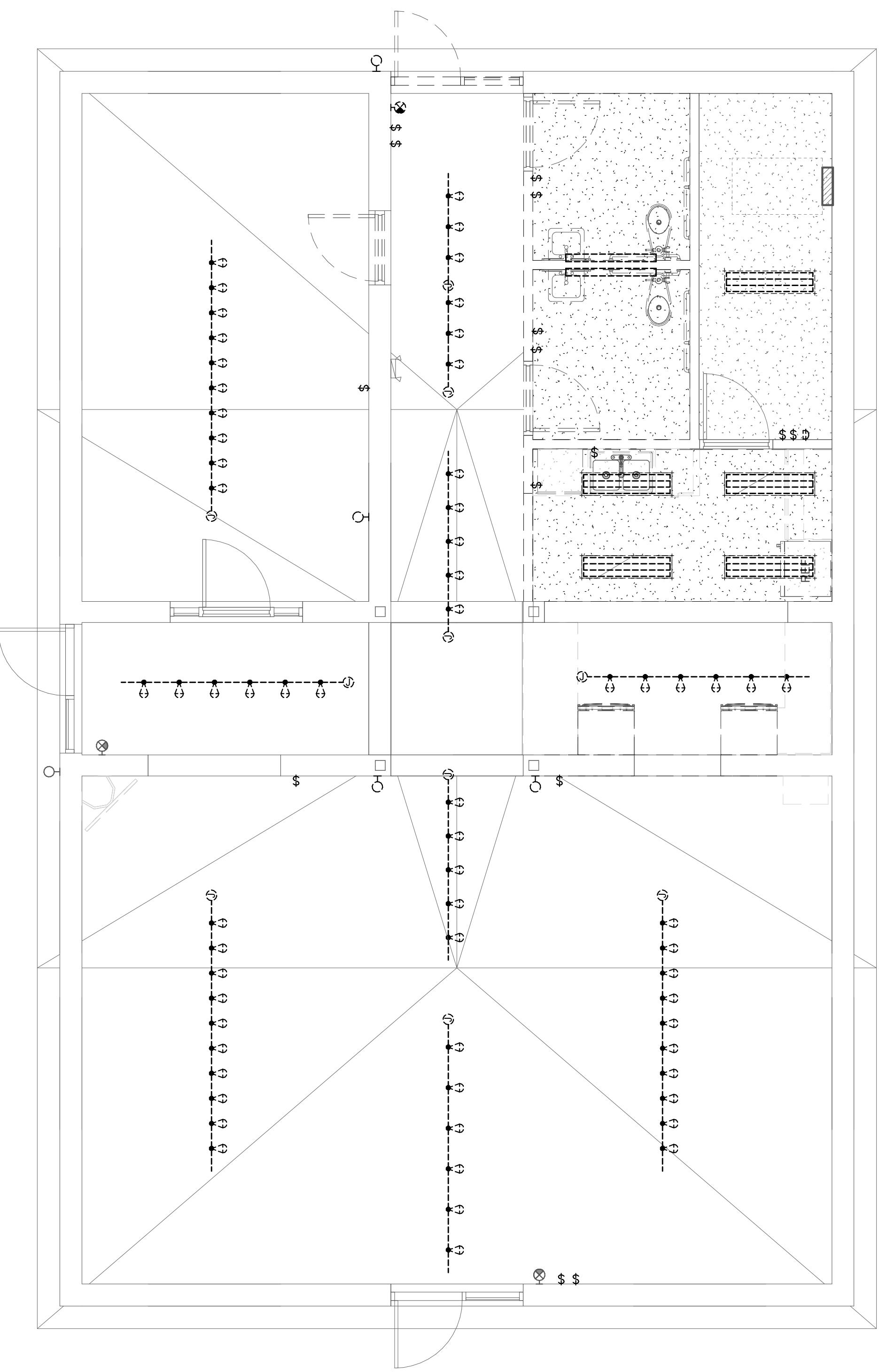
ELECTRICAL
DEMOLITION
PLAN

ED101

SHEET KEYNOTES



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



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

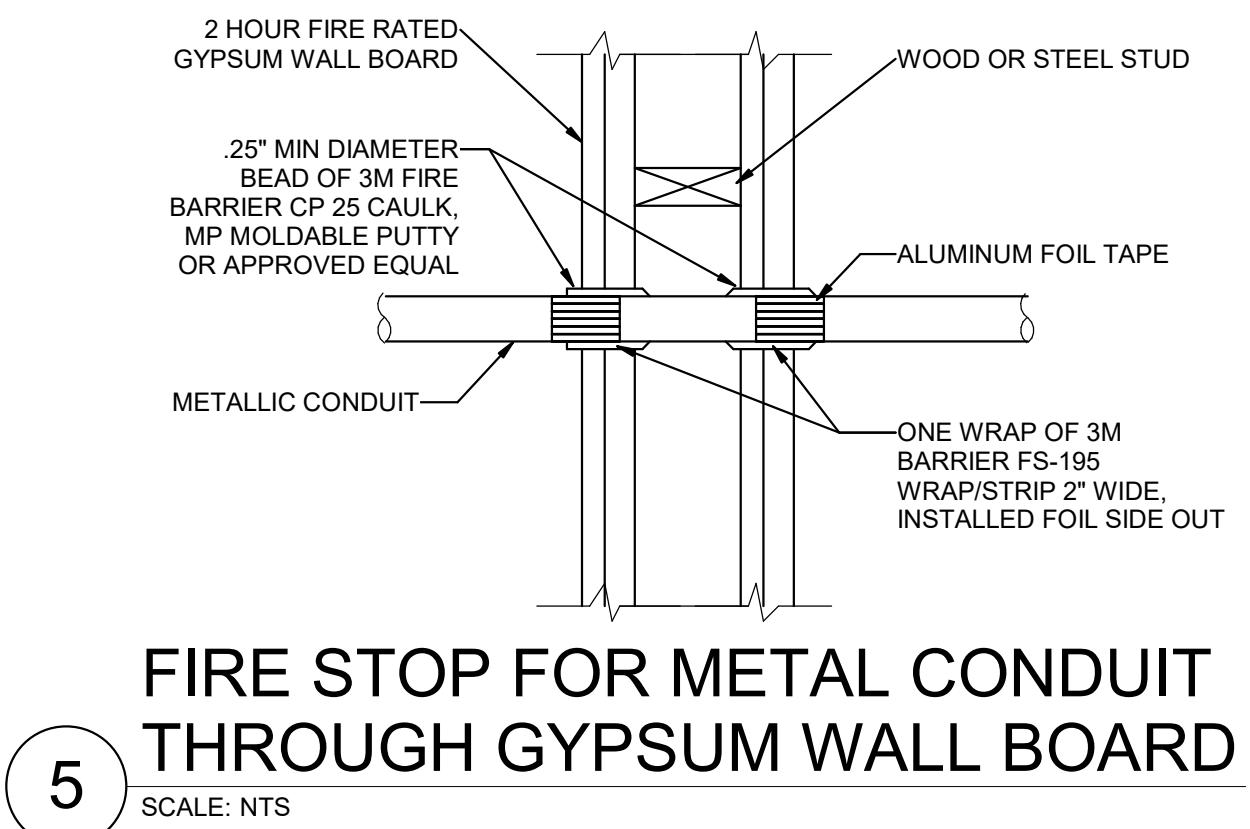
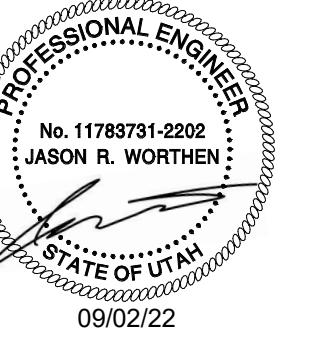


SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
REFERENCE AND LINE SYMBOLS	
	DETAIL INDICATOR: AS INDICATES DETAIL NUMBER, E-501 INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN.
	ELEVATION OR SECTION INDICATOR, EXTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION 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 NAME 100	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.
	A-1.3.5 BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS, LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS.
	A-1.3.5 BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS, LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS.
	LOW VOLTAGE WIRING: DIVIDE, MEDIUM LINE.
	CONDUIT STUB. DIMENSION RECORD DRAWINGS AND MARK.
	CONDUCTOR & CONDUIT ("CC") SCHEDULE INDICATOR. REFER TO ONE-LINE DIAGRAM.
	ADA ACCESS PUSH PLATE
	JUNCTION BOX.
	JUNCTION BOX, CEILING.
	JUNCTION BOX, SYSTEMS FURNITURE CONNECTION.
	JUNCTION BOX, SYSTEMS FURNITURE POWER CONNECTION.
	PULL BOX.
	CABLE TRAY ABOVE ACCESSIBLE CEILING. "A" DENOTES CABLE TRAY WIDTH, "B" DENOTES CABLETRAY DEPTH, "C" 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.
	PTZ CCTV CAMERA WITH PAN, TILT AND ZOOM.
TV DISTRIBUTION	
	TV DISTRIBUTION CABLE, INDIVIDUAL DROPS.
	TV DISTRIBUTION CABLE, TRUNK.
	DC DIRECTIONAL COUPLER.
	DA 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.
	KCR 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.
	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.
	RECEPTACLE, WEATHERPROOF: NEMA 5-20R.
	RECEPTACLE, QUADRUPLEX: NEMA 5-20R.
	RECEPTACLE, QUADRUPLEX 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: "# SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
	POWER DEVICE SYMBOL: "# SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
	FLUSH FIRE RATED POKE THRU: "# SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
	CIRCUIT BREAKER, ADJUSTABLE TRIP: "225AF" REPRESENTS THE RATING AND "150AT" REPRESENTS THE TRIP SETTING. (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, SOLID STATE (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, SOLID STATE WITH GROUND FAULT PROTECTION (ONE-LINE DIAGRAM).
	SWITCH, DIMMER.
	X \$ SWITCH, SINGLE POLE ("X" INDICATES FIXTURES CONTROLLED).
	X \$2 SWITCH, DOUBLE POLE ("X" INDICATES FIXTURES CONTROLLED).
	X \$3 SWITCH, THREE-WAY ("X" INDICATES FIXTURES CONTROLLED).
	X \$4 SWITCH, FOUR-WAY ("X" INDICATES FIXTURES CONTROLLED).
	SK SWITCH, KEY OPERATED.
	\$WP SWITCH, WEATHERPROOF.
	RECEPTACLE, SINGLE PLEX, WITH USB OUTLET
	RECEPTACLE, DUXLE, RECESSED, NEMA 5-20R, AUTOMATICALLY CONTROLLED THROUGH TIME OR OCCUPANCY BASED CONTROLS (REFER TO PLANS FOR CONTROL METHOD)
	RECEPTACLE, QUADRUPLEX, 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.
	EM EMERGENCY.
	NL 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.
	a,b 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)
	RC DIGITAL LIGHTING ROOM CONTROLLER
	DC DIGITAL LIGHTING DIMMING CONTROLLER
	ET LIGHTING EMERGENCY TRANSFER DEVICE
	X 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).
	WAP COMMUNICATIONS DEVICE WIRELESS ACCESS POINT (2 DATA).
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.
	KCR KEYPAD/CARD READER COMBINATION.
	PANIC DURESS SWITCH.

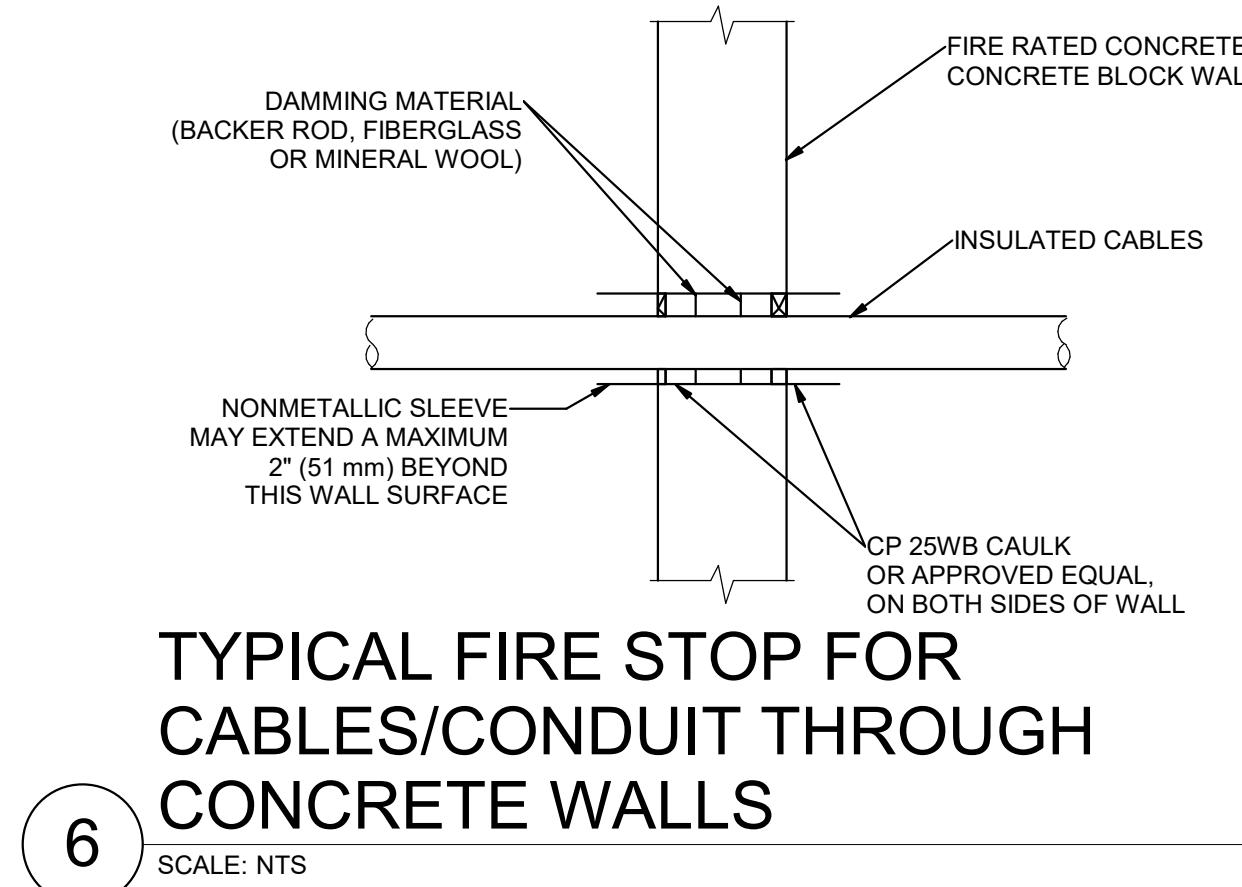
SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
WIRING DEVICES	
	FUSE WITH RATING (ONE-LINE DIAGRAM).
	DISCONNECT, FUSED (ONE-LINE DIAGRAM).
	DISCONNECT, NONFUSED (ONE-LINE DIAGRAM).
	DISCONNECT WITH FUSE AND MOTOR STARTER COMBINATION (ONE-LINE DIAGRAM).
	OVERLOAD RELAY (ONE-LINE DIAGRAM).
	STARTER (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, MOLDED CASE (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, SOLID STATE (ONE-LINE DIAGRAM).
	TRANSFORMER (ONE-LINE DIAGRAM).
	DELTA CONNECTION (ONE-LINE DIAGRAM).
	WYE CONNECTION (ONE-LINE DIAGRAM).
	"10PH" 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 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).
	CT CABINET PER UTILITY'S REQUIREMENTS (ONE-LINE DIAGRAM).
	METER.
	VFC (VFD) 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.
	DISTRIBUTION PANEL OR SWITCHBOARD.
	LP LIGHTING RELAY, CONTACTOR PANEL, OR DIMMING ENCLOSURE.
	ST\$T SWITCH, TOGGLE MOTOR STARTER WITH OVERLOAD PROTECTION.
	TRANSFORMER (SEE ONE-LINE FOR SIZE).

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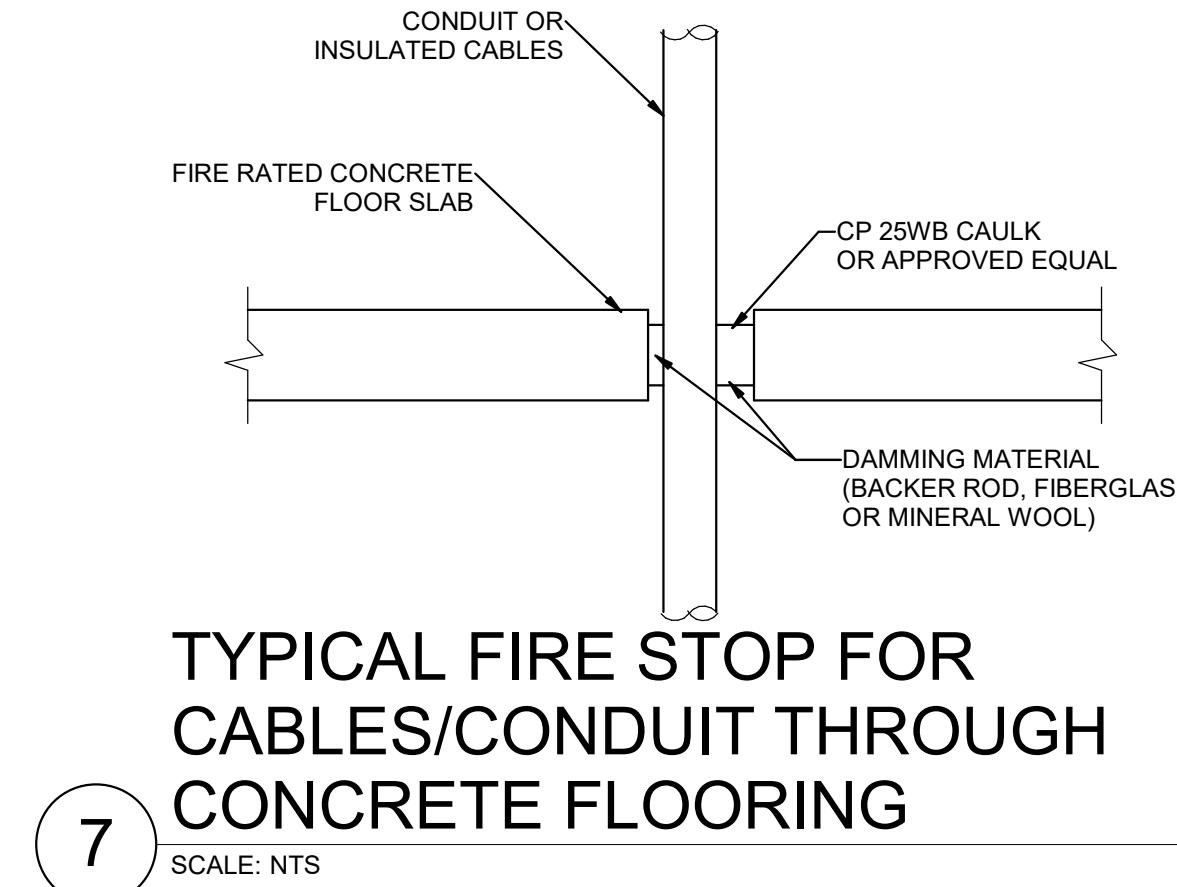
5 FIRE STOP FOR METAL CONDUIT THROUGH GYPSUM WALL BOARD

SCALE: NTS



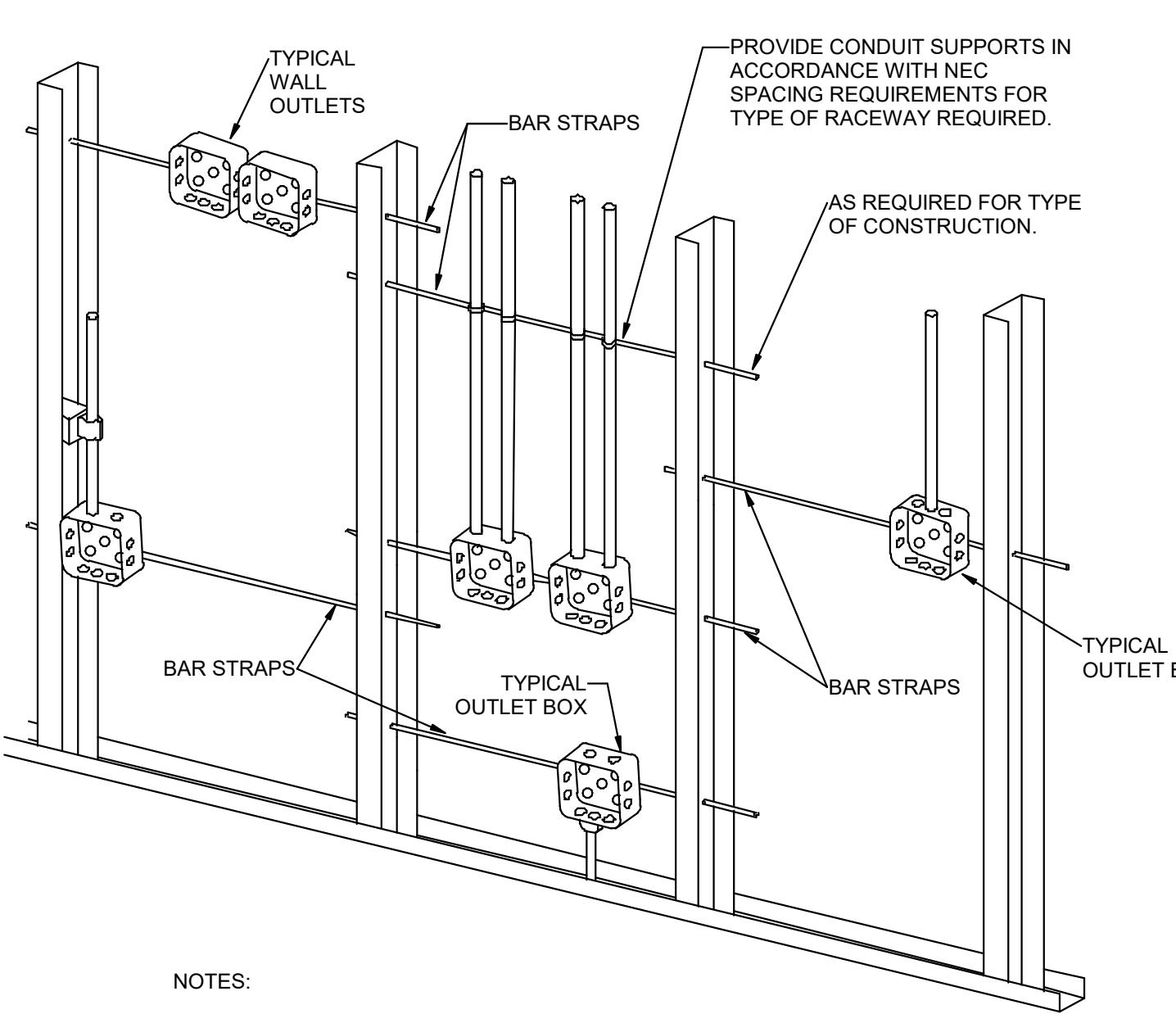
6 TYPICAL FIRE STOP FOR CABLES/CONDUIT THROUGH CONCRETE WALLS

SCALE: NTS



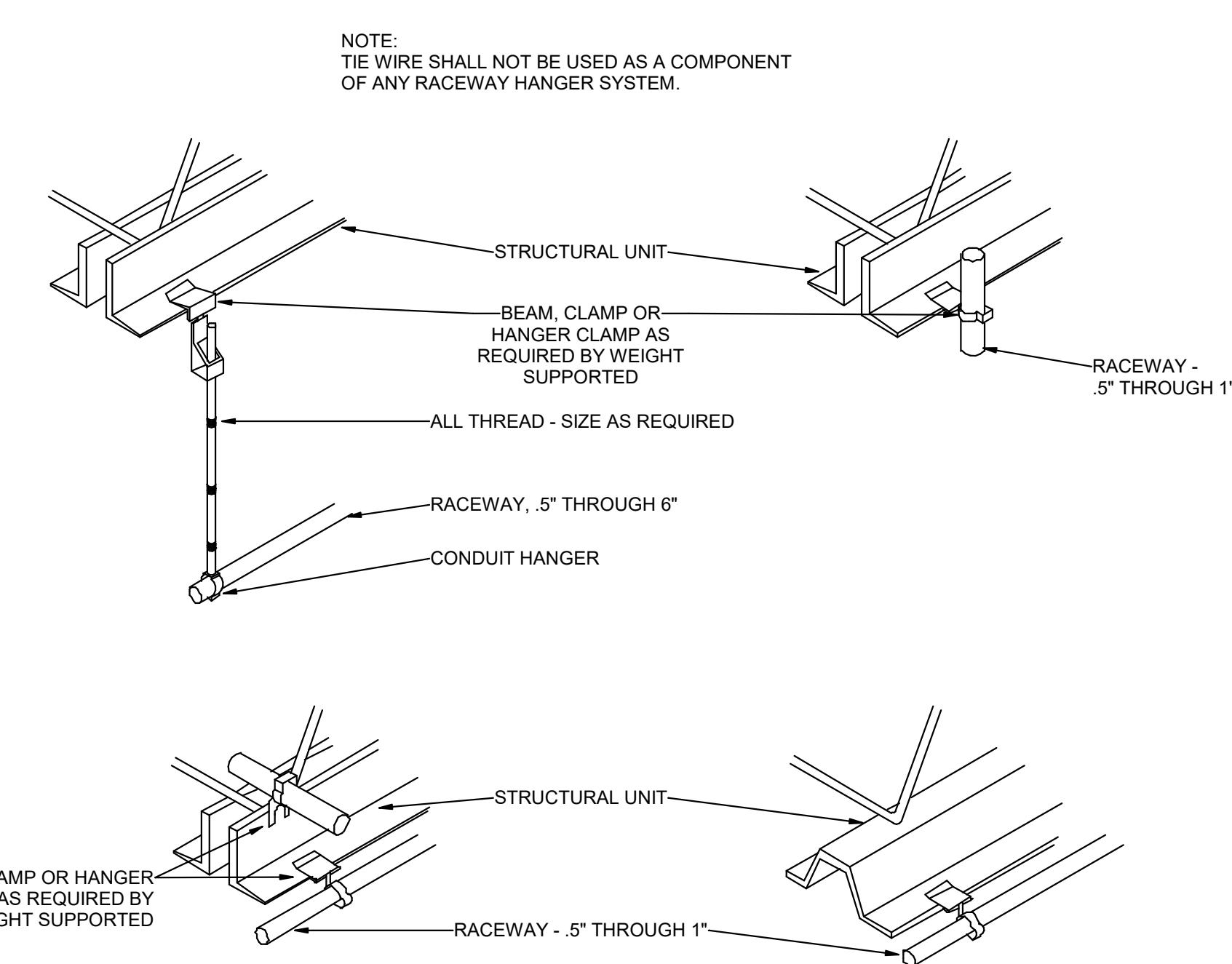
7 TYPICAL FIRE STOP FOR CABLES/CONDUIT THROUGH CONCRETE FLOORING

SCALE: NTS



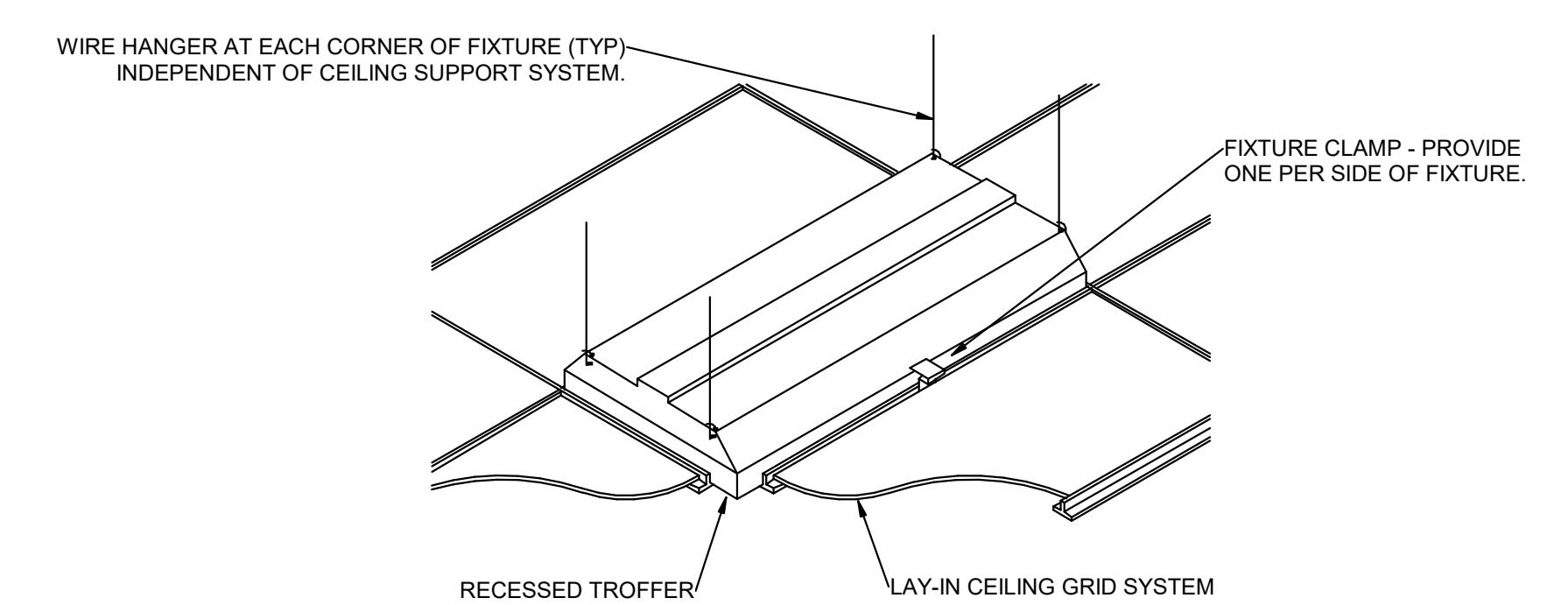
1 TYPICAL ROUGH-IN REQUIREMENTS DETAIL

SCALE: NTS



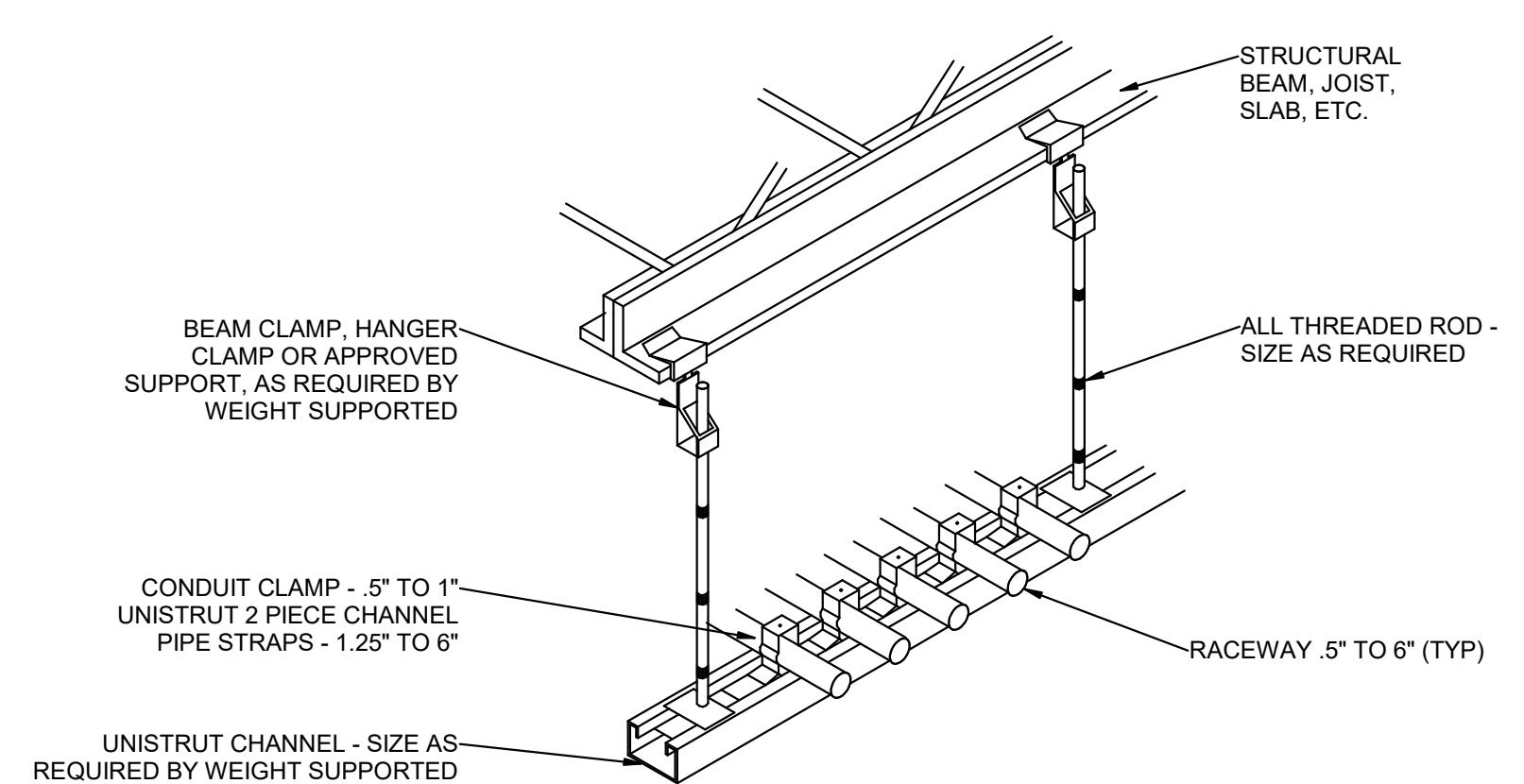
2 TYPICAL RACEWAY SUPPORT METHODS DETAIL

SCALE: NTS



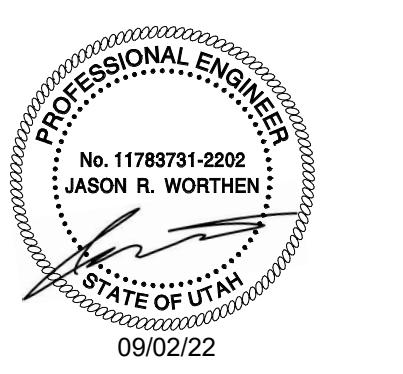
3 RECESSED FIXTURE MOUNTING DETAIL

SCALE: NTS



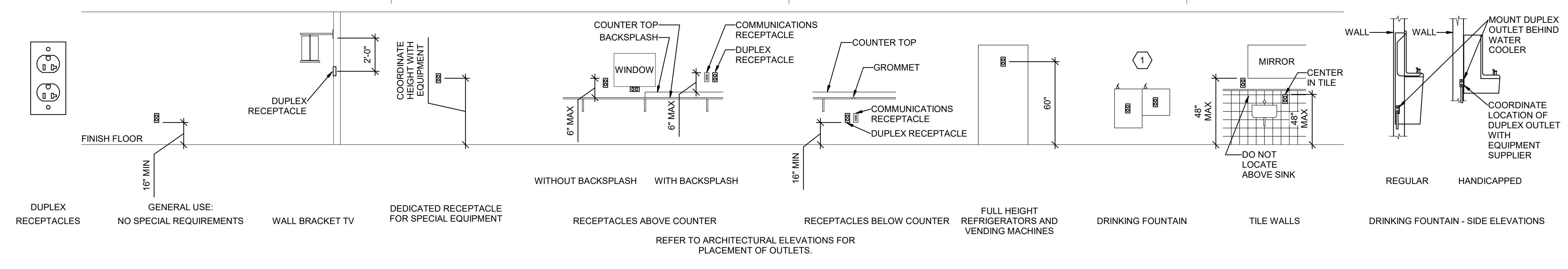
4 TYPICAL CONDUIT RACK DETAIL

SCALE: NTS



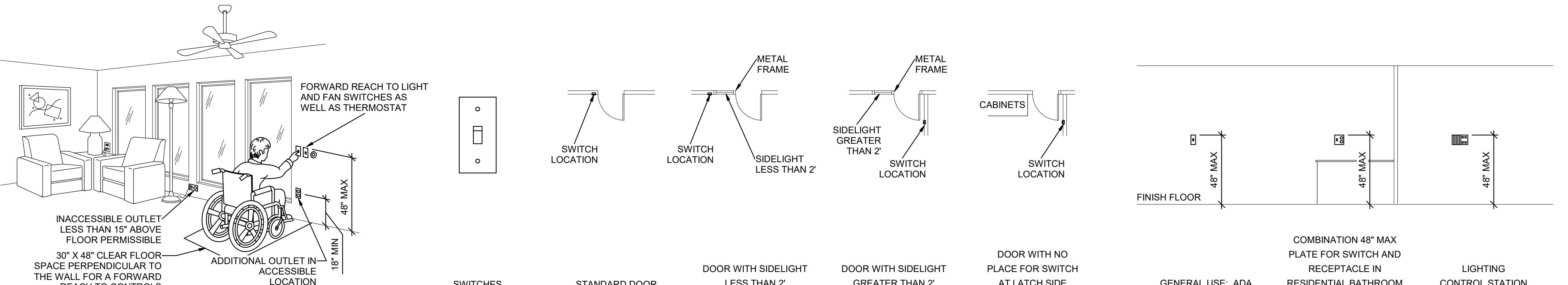
GENERAL SHEET NOTES

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



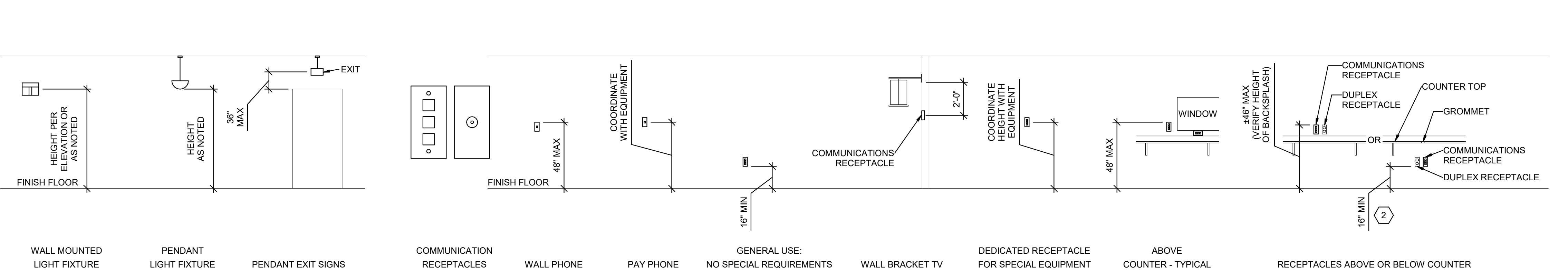
9 RECEPTACLE MOUNTING DETAILS

SCALE: NTS



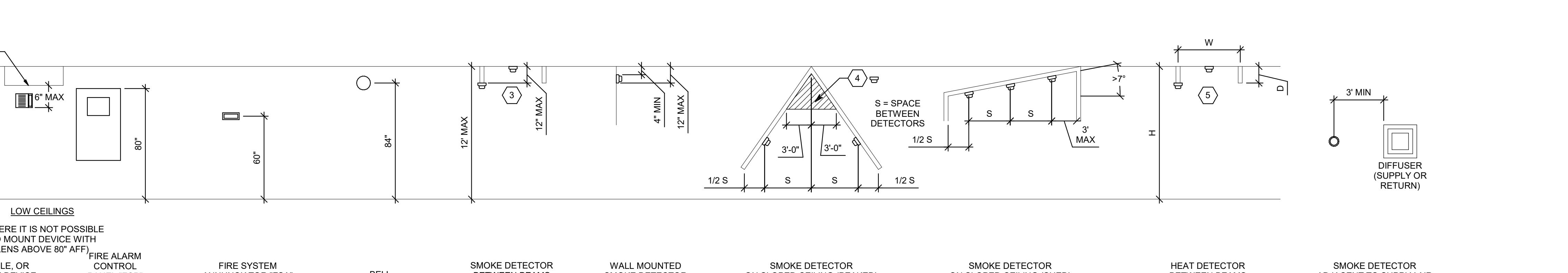
7 ADA DETAIL

SCALE: NTS



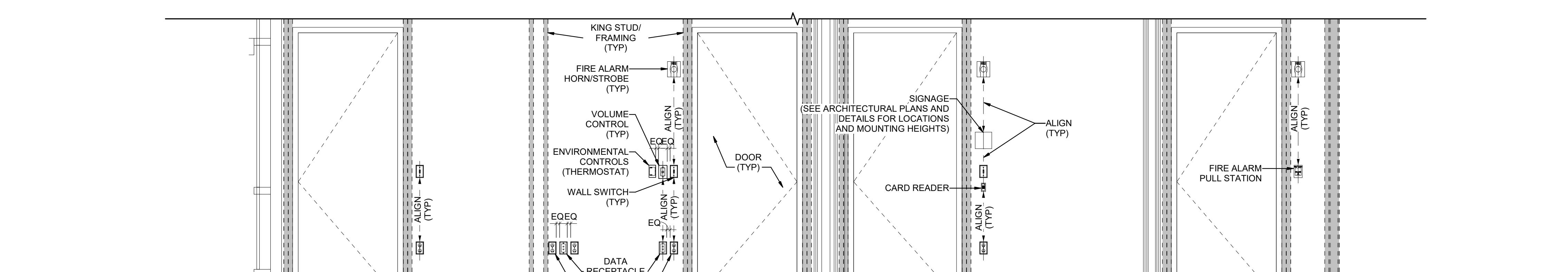
CMU DEVICE MOUNTING ALIGNMENT DETAIL

SCALE: NTS



3 FIRE ALARM MOUNTING DETAILS

SCALE: NTS



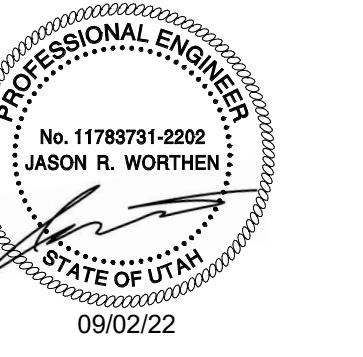
1 BOX MOUNTING DETAILS

SCALE: NTS



2 TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL

SCALE: NTS



GENERAL SHEET NOTES

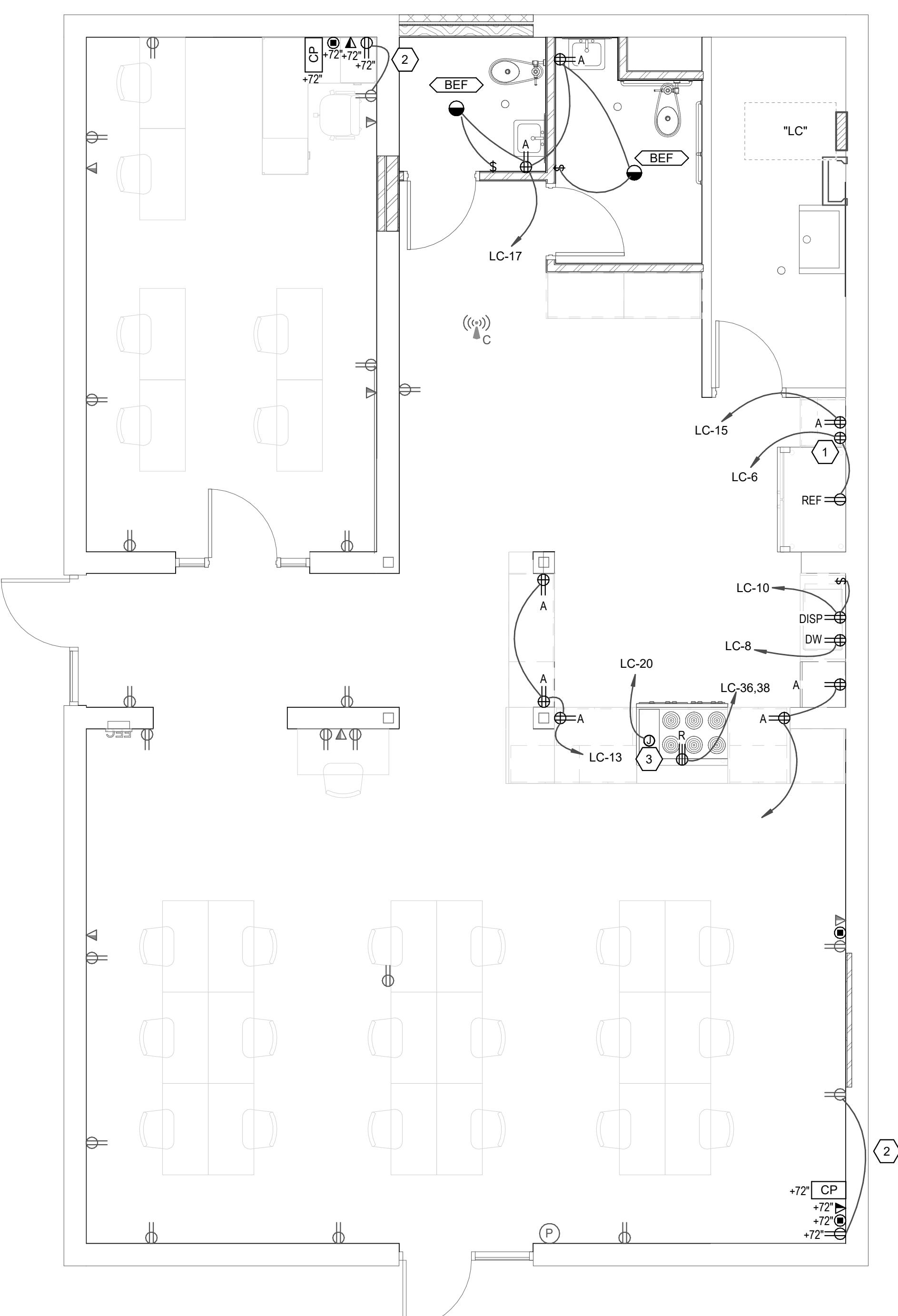
SHEET KEYNOTES

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

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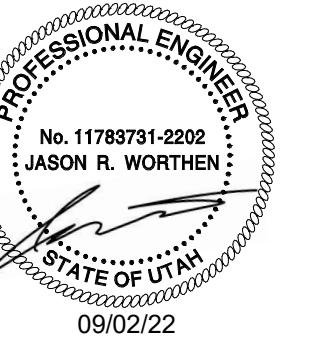


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1 LEVEL 1 POWER PLAN
SCALE: 1/4" = 1'-0"

POWER PLAN

EP101



GENERAL SHEET NOTES

□ SHEET KEYNOTES

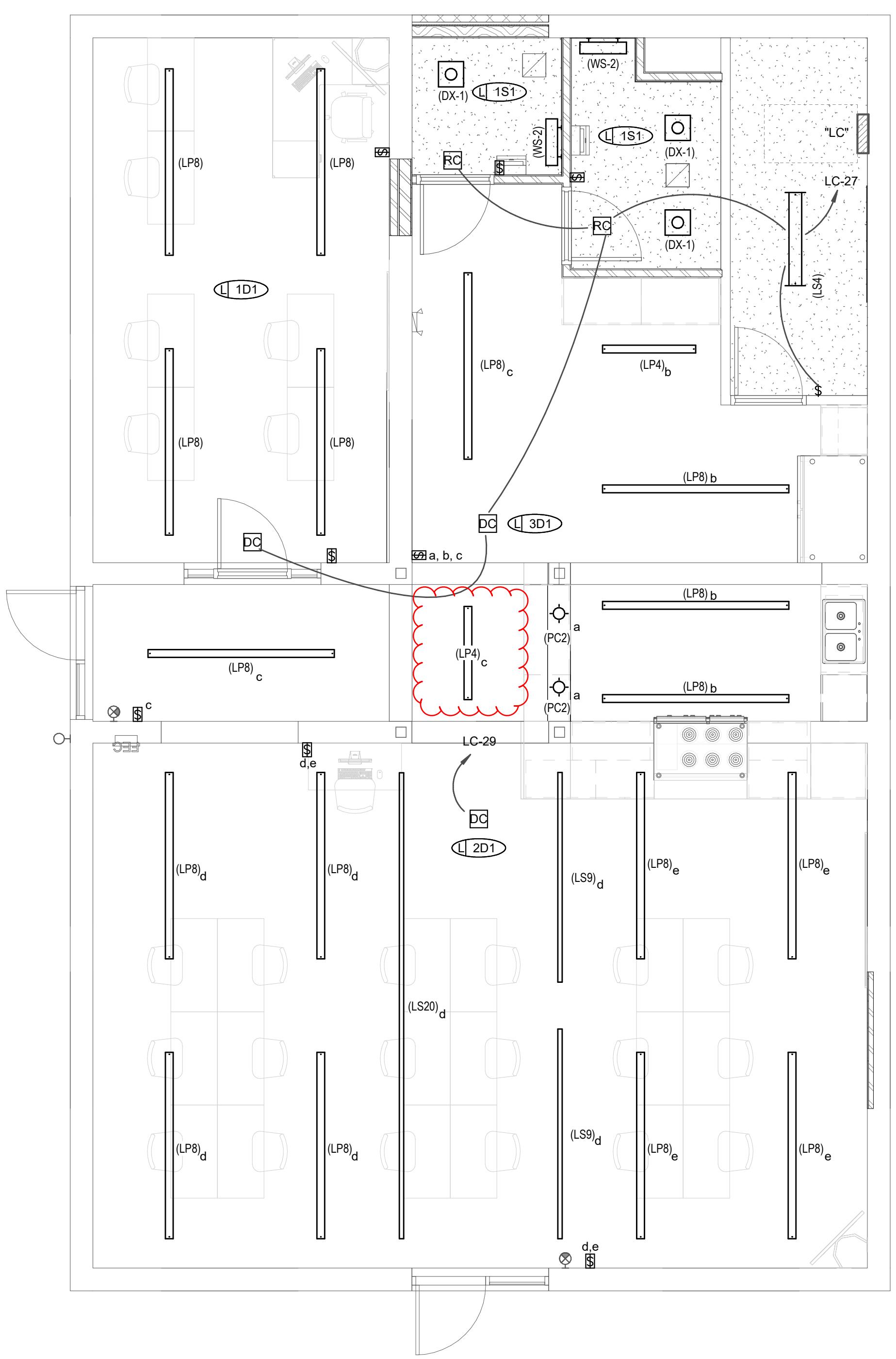
Owner
Utah School for the Deaf and Blind
Activity Center

740 S Harrison Blvd.
Ogden, UT 84404

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LIGHTING
PLAN

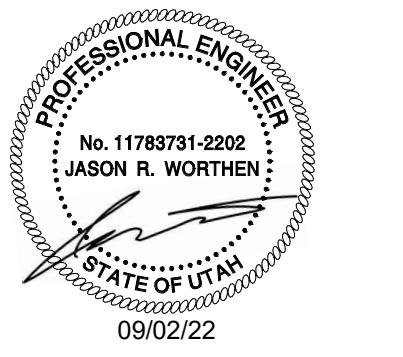
EL101



1 LEVEL 1 LIGHTING PLAN

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INTERIOR LIGHTING FIXTURE SCHEDULE
ABBREVIATIONS

MOUNTING	LUMINAIRE OPTIONS	FINISH	DIFFUSER/LENS	REFLECTOR	GENERAL NOTES
B - BASE	ARH - AIR RETURN AND HEAT REJECTION	MW - MATTE WHITE	#A - ACRYLIC #THICK	OP - NONOPEN	1. PROVIDE UNIT PRICES AND FIXTURE BRAND SELECTED FOR ADD/DELETE CHANGES FOR EACH FIXTURE TYPE 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.
C - CEILING	DL - DAMP LOCATION	BL - BLACK	#O - ACRYLIC #THICK (OPAL)	SP - SPECULAR	2. CONTRACTOR ALLOWANCE PRICES ARE ACCURATE WHEN THIS JOB WAS SPECIFIED. CONTRACTOR AND ELECTRICAL DISTRIBUTOR SHALL VERIFY THIS AND PROVIDE THE ENGINEER WITH 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.
F - FLANGE	EQ - EARTHQUAKE CLIPS	SL - SILVER	GC - GLASS (CLEAR)	SS - SEMI-SPECULAR	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.
G - GRID	FUSING	GL - GOLD	GO - GLASS (OPAL)	D - DIFFUSER (WHITE ENAMEL)	4. SAMPLES MUST BE PROVIDED FOR ANY AND ALL FIXTURES UPON REQUEST PRIOR TO RELEASING FIXTURES.
P - PENDANT	HLD - HUNG AND LATCHED DOOR	CL - CLEAR	GR - GLASS (TRANSPARENT)	SC - SEMI-CLEAR (COLORED)	5. ALL FIXTURES SHALL BE LISTED AND APPROVED FOR THEIR INTENDED USE AND LOCATION.
PL - POLE	HS - HOUSE SIDE SHIELD	PW - PAINTED WHITE	SGL - SOFT GLOW LENS	PR - PRISMATIC	6. VERIFY THE PROPER MOUNTING KITS OR ACCESSORIES 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.
R - RECESSED	PS - PHOTOCELL SWITCH	EA - EXTRUDED ALUMINUM	HPL - HIGH PERFORMANCE LENS	FDR - FULL DEPTH REFLECTOR	7. COMPLY WITH THE "INTERIOR LIGHTING" SECTION OF THE SPECIFICATIONS.
S - SURFACE	QRS - QUARTZ RESTRIKE	S - STEEL	DO - DROP OPAL	DS - DIFFUSE (SEMI SPECULAR) SILVER	8. REFER TO SPECIFICATIONS FOR IMPORTANT TECHNICAL REQUIREMENTS FOR LIGHTING FIXTURES, DRIVERS, AND LAMPS.
W - WALL	SG - SPOT GUARD	GS - COATED/ANNEALED STEEL	CGL - CONVEX GLASS LENS	LI - LUMINESCENT	9. ALL LIGHT FIXTURES TO BE EITHER "DLC" OR "LIGHTING FACTS" LISTED OR TO BE APPROVED BY ARCHITECT/ENGINEER AND OWNER.
	WG - WIRE GUARD	C - CAST	S - SATIN LENS	IR - IRIDESCENT	
	WL - WET LOCATION	CBA - COLOR BY ARCHITECT	GL - GOLD	SL - SILVER	
		SCBA - STANDARD COLOR BY ARCHITECT	CA - CLEAR ALZAK		
		CCA - CUSTOM COLOR BY ARCHITECT			
		CSA - STAINLESS COLOR BY ARCHITECT			
		FS - LIGHTS FEDERAL			
		209D - STANDARDS STANDARD 209D			
		TP - THERMALLY PROTECTED			
		FL - FLUSH			
		M - REGRESS			
		R - MITERED			

ID	DESCRIPTION	NOMINAL SIZE			MOUNTING	TYPE	COLOR TEMP	CRI	DRIVER CONFIGURATION			VOLTAGE	WATTS	FINISH	FIXTURE LUMENS	DIFFUSER/LENS	REFLECTOR	OPTIONS	NOTES	MANUFACTURER (CATALOG SERIES)			
		LENGTH	DEPTH	HEIGHT					LENGTH	DEPTH	HEIGHT												
(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								OPTION 1	OPTION 2	OPTION 3
(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							(EVO-3515-6A8R-WD-LSS (LHALD612C034UE-D10L (LD612C010E0U6B10208	(LHALD612C034UE-D10L (LD612C010E0U6B10208	(LHALD612C034UE-D10L (LD612C010E0U6B10208
(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							LITHONIA (GRD)	-	-
(LS4)	4' LED STRIP LIGHT, WHITE FINISH	4'-0"	-	-	-	CS	LED	3500K		NO DIMMING	120/277	42	WH	3000	-	-	-				LITHONIA (ZL1D)	DAYBRITE (FSS 4 30L 835 UNV DIM (4SNLED-LD4-30S-LW-U NV-L840-C01-U)	METALUX
(LS9)	3" X 9' LINEAR SURFACE, COLOR BY ARCHITECT	9'-0"	0'-3"	-	-	CS	LED	3500K		0-10V DIMMING	120/277	45	-	4500							PINNACLE (EX3D)	NULITE (RR4)	
(LS20)	3" X 20' LINEAR SURFACE, COLOR BY ARCHITECT	20'-0"	0'-3"	-	-	CS	LED	3500K		0-10V DIMMING (1%)	120/277	100	-	10000							PINNACLE (EX3D)	NULITE (RR4)	
(PC2)	9.4" CONE PENDANT					CP	LED	3000K	80	LED (0-10V DIMMING) 1%	120/277V	20		1000							COORDINATE SUSPENSION EIGHT WITH OWNER	CASTLE (PENDANT CONE)	
(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							EDGE LIGHT (TW12-S11-IRE-36'-35K-C)	EUREKA (3541-35-LED-17-40-120/2 (LW496-OP-XX-LED-277)	LBL (LW496-OP-XX-LED-277)

Owner
Utah School for the Deaf and Blind
 Activity Center

740 S Harrison Blvd.
 Ogden, UT 84404

740

NJRA Project #
 Construction Documents
 Sept. 6, 2022

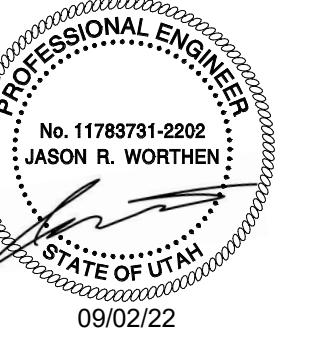
INTERIOR
 LIGHTING
 FIXTURE
 SCHEDULE

EL601



LIGHTING/SPACE CONTROL TYPE SCHEDULE

WIRING LEGEND		APPROVED MANUFACTURERS	LIGHTING CONTROL ID	GENERAL NOTES							GENERAL NOTES								
— LINE VOLTAGE WIRING	— 0-10V WIRING	1. WATTSTOPPER (BASIS OF DESIGN)	1. # = NUMBER OF ZONES	1. COORDINATE INITIAL PROGRAMMING WITH OWNER AND MODIFY CONTROL TIMES AND OPERATION AS REQUESTED BY OWNER.							5. REFER TO PLANS FOR LOCATIONS AND QUANTITIES OF DEVICES.								
— CAT5E CABLING	— WIRING BY OTHERS	2. NIGHT	2. D = DIMMING, S = SWITCHING	2. PROVIDE FINE TUNING PROGRAMMING AND ADJUSTMENTS UPON REQUEST BY OWNER WITHIN FIRST 6 MONTHS AFTER SUBSTANTIAL COMPLETION.							6. INSTALL ONE OF EACH CONTROL TYPE WITH PROGRAMMING, ADJUST, AND OBTAIN OWNERS APPROVAL PRIOR TO PROGRAMMING THE REMAINING CONTROLS.								
— TMP SEGMENT	— NETWORK CABLEING	3. HUBBELL BUILDING AUTOMATION	3. P = DAYLIGHT PHOTOCELL	3. PROVIDE CUSTOMIZED ENGRAVED PERMANENT BUTTON LABELS ON EACH SWITCH, LABEL TO MATCH BUTTON LABEL ID OR AS DIRECTED BY OWNER.							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.								
		4. GREENGATE	4. L = PLUG LOAD CONTROLLER	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.							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	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 PRESS-ON PRESS BOTTOM-OFF HOLD TOP-RAISE, HOLD BOTTOM-OFF LOWER"	FUNCTION: PRESS-ON PRESS SCENE #01 ZONE "a" 75% ZONE "b" 75% LABEL ID: "PRE #1"	FUNCTION: PRESS-ON PRESS SCENE #02 ZONE "a" 0% ZONE "b" 50% LABEL ID: "PRE #2"	FUNCTION: PRESS-ON SELECT ZONE "a" FOR DIMMING LABEL ID: "ZONE a"	FUNCTION: PRESS-ON SELECT ZONE "b" FOR DIMMING LABEL ID: "ZONE b"	FUNCTION: PRESS-ON SELECT ZONE "c" FOR DIMMING LABEL ID: "ZONE c"	-	-	-	
3D1		MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	DIMMING 0-10V	-	15	RELAY CLOSED ON OCCUPANCY	-	-	FUNCTION: PRESS-ON TOP-ON, HOLD TOP-RAISE PRESS BOTTOM-OFF HOLD BOTTOM-LOW ER LABEL ID: "ON/RAISE" BOTTOM-OFF LOWER"	FUNCTION: PRESS-ON SCENE #01 T ZONE "a" ZONE "b" 50% ZONE "c" 100% LABEL ID: "PRE #1"	FUNCTION: PRESS-ON SCENE #02 T ZONE "b" FOR DIMMING LABEL ID: "ZONE b"	FUNCTION: PRESS-ON SCENE #03 T ZONE "c" FOR DIMMING LABEL ID: "ZONE c"	-	-	-	-		



GENERAL SHEET NOTES

□ SHEET KEYNOTES

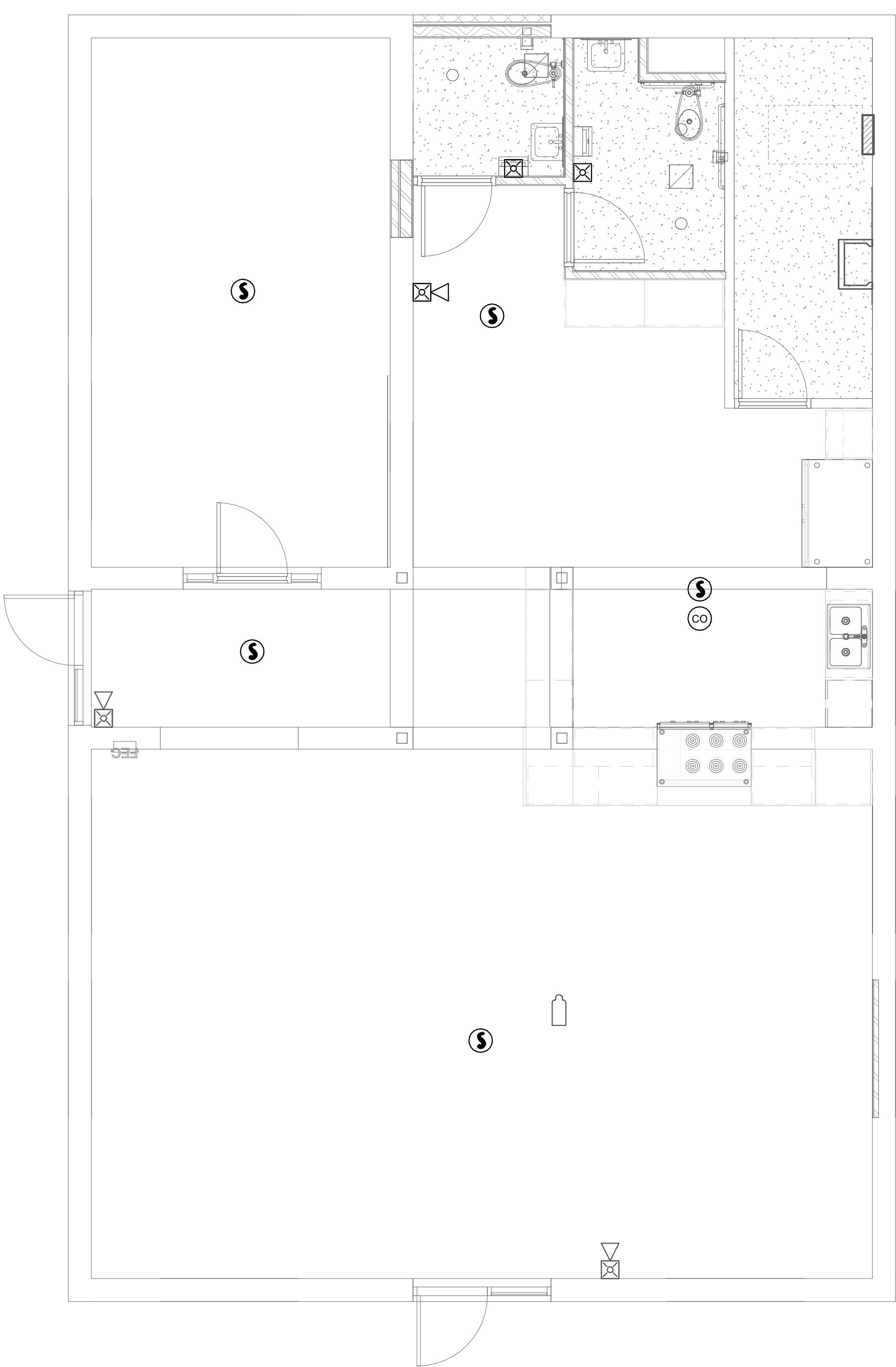
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AUXILIARY
PLAN

EY101



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