

# MODERNIZATION FOR: FILER SCHOOL DISTRICT OFFICE 299 US-30, FILER, ID 83328

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**GENERAL NOTES:**

- ALL WORK SHALL MEET CURRENT ADOPTED STATE, LOCAL CODES, ORDINANCES, & 2018 IBC
- ALL MECHANICAL, ELECTRICAL, & PLUMBING WORK SHALL MEET ALL CURRENT APPLICABLE STATE & LOCAL CODES.
- ALL UTILITIES SHALL BE PROPERLY IDENTIFIED & LOCATED BEFORE WORK BEGINS ON PROJECT.
- CONTRACTOR SHALL VERIFY ALL CONDITIONS & DIMENSIONS AT THE JOB SITE & NOTIFY THE ARCHITECT OF ANY DIMENSIONAL ERRORS, OMISSIONS, OR DISCREPANCIES BEFORE BEGINNING OR FABRICATING ANY WORK.
- DO NOT SCALE DRAWINGS.
- ALL DOOR HANDLES SHALL BE LEVER TYPE, ALL DOOR HARDWARE SHALL BE A.D.A COMPLIANT AS PER CURRENT ANSI 117.1
- AT MAIN ENTRANCE DOOR SHALL HAVE SINGLE ACTION LOCKING DEVICE & OR SIGNED "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED."

**DESIGN TEAM:**

**MECHANICAL & PLUMBING:**

ENGINEERED SYSTEMS ASSOCIATES  
CONTACT: DWAYNE SUDWEEKS  
ADDRESS: 1355 EAST CENTER  
POCATELLO, ID 83204  
PHONE: (208) 233-0501

**ELECTRICAL:**

PAYNE ENGINEERING INC.  
CONTACT: SHAWN MEADOR  
ADDRESS: 1823 E. CENTER  
POCATELLO, ID 83201  
PHONE: 801-782-6008 ext. 6231

**ABBREVIATIONS**

AC	ACOUSTICAL CEILING	DIA	DIAMETER	GYP BD	GYPSUM BOARD	PL	PLATE, PLASTIC LAMINATE	T	THREAD
ADJ	ADJUSTABLE - ADJACENT	DIM	DIMENSION	HB	HOSE BIB	P-LAM	PLASTIC LAMINATE	TBB	TILE BACKER BOARD
AFF	ABOVE FINISH FLOOR	DF	DRINKING FOUNTAIN	HC	HANDICAPPED	PLWD	PLYWOOD	T&G	TONGUE AND GROOVE
AL	ALUMINUM	DP	DEEP	HDR	HEADER	PNL	PANEL	TO	TO OF
ALT	ALTERNATE	DR	DOOR	HMI	HOLLOW METAL	PORC. TILE	PORCELAIN TILE	TOW	TOP OF WALL
ANOD	ANODIZED	DS	DOWNSPOUT	HORIZ	HORIZONTAL	PR	PAIR	TPD	TOILET PAPER DISPENSER
AP	ACOUSTICAL WALL PANEL	DWVG	DRAWING	HT	HEIGHT	PSF	POUNDS PER SQUARE FOOT	TSCD	TOILET SEAT COVER DISPENSER
APPROX	APPROXIMATE	E	EAST	HVAC	HEATING/VENTILATING/	PSI	POUNDS PER SQUARE INCH	TT	TIRE TREAD
ARCH	ARCHITECT (-URAL)	(E)	EXISTING	ILO	AIR CONDITIONING	PT	PAINT, PRESSURE TREATED	TYP	TYPICAL
AW	ACOUSTICAL WALL	EACH	EACH	INSUL	IN LIEU OF	PTD	PAPER TOWEL DISPENSER	UNO	UNLESS NOTED OTHERWISE
AWF	ACOUSTICAL WALL FABRIC	EJ	EXPANSION JOINT	INT	INTERIOR	QT	QUARTZ TILE	UIS	UNDERSIDE
BLDG	BUILDING	EL	ELEVATION	JNT	JOINT	R	RISER, RADIUS	VB	VAPOR BARRIER
BM	BEAM	ELEC	ELECTRIC (-AL)	KD	KNOCK DOWN	RB	RESILIENT BASE	VCT	VINYL COMPOSITION TILE
BOD	BOTTOM OF DECK	EP	ENAMEL PAINT	KV	KEY	RD	ROOF DRAIN	VERT	VERTICAL
BOT	BOTTOM	EQ	EQUAL	LAV	LAVATORY	RO	ROUGH OPENING	VGF	VINYL GYM FLOORING
BTWN	BETWEEN	EW	EACH WAY	MCFP	MULTI-COLORED FINISH	RR	RESTROOM	VIF	VINYL INDUSTRIAL FLOORING
CB	CATCH BASIN	EXG	EXISTING	MRGF	MEDIUM DENSITY FIBERGLASS REINFORCED GYPSUM BOARD	RSF	RUBBER SHEET FLOORING	VR	VAPOR RETARDER
CBT	CATCH BASIN	EXP	EXPANSION	MDO	MEDIUM DENSITY OVERLAY PLYWOOD	S	SOUTH	VT	VINYL TILE
CG	CORNER GUARD	EXT	EXTERIOR	MECH	MECHANIC (-AL)	SCU	SOLID CORE	WVF	VINYL WALL FABRIC
CJ	CONTROL JOINT	FA	FIRE ALARM	MFR	MANUFACTURE (-R)	SD	SOAP DISPENSER	W	WEST
CL	CENTERLINE	FD	FLOOR DRAIN	MIN	MINIMUM	SDSV	STATIC DISIPATIVE SHEET VINYL	W/C	WATER CLOSET
CLG	CEILING	FE	FIRE EXTINGUISHER	MISC	MISCELLANEOUS	SF	SPECIALTY FINISH	WD	WOOD
CLR	CLEAR (-ANCE)	FEC	FIRE EXTINGUISHER CABINET	MRGB	MOISTURE RESISTANT GYPSUM BOARD	SFGL	SAFETY GLASS	W/D	WASHER & DRYER
CMT	CERAMIC MOSAIC TILE	FF	FACTORY FINISH, FINISH FLOOR	MTL	METAL	SHTG	SHEATHING	WF	WALL FABRIC
CMU	CONCRETE MASONRY UNIT	FIN	FINISH (-ED)	N	NORTH	SM	SIMILAR	WFV	WOOD FACE VENEER
CO	CLEAN OUT	FLR	FLOOR (-ING)	N	NORTH	SL	SLOPE	WG	WIRE GUARD
COL	COLUMN	FOC	FACE OF CONCRETE	(N)	NEW	SND	SANITARY NAPKIN DISPENSER	WGL	WIRED GLASS
CONC	CONCRETE	FRP	FIBERGLASS REINFORCED	NA, N/A	NOT APPLICABLE	SP	SPACE (-S)	WM	WIRE MESH
CONT	CONTINUOUS, CONTINUE	FRV	FLAME RESISTANT VAPOR BARRIER	NC	NOT IN CONTRACT	SPEC	SPECIFICATION	W/O	WITHOUT
CORR	CORRIDOR	FT	FOOT, FEET	NDU	NOMINAL	SQ	SQUARE	WOC	WALK-OFF CARPET
CP	CARPET	FTG	FOOTING	NOM	NOMINAL	S/S	STAINLESS STEEL	WP	WATERPROOFING
CS	CONCRETE SLAB, SEALED	FTG	FOOTING	NTS	NOT TO SCALE	ST	STAIN	WPS	WALL PROTECTION SYSTEM
CT	CERAMIC TILE	FWC	FABRIC WALL COVERING	OC	ON CENTER	STL	STEEL	WR	WATER RESISTANT
CTJ	CONTROL JOINT	GA	GAUGE	OD	OUTSIDE DIAMETER	STR	STRUCTURE (-AL)	WRGB	WATER RESISTANT GYPSUM BOARD
CTR	COUNTER (-TOP)	GALV	GALVANIZED	OPP	OPPOSITE	STRG	STORAGE	W	WALLBOARD
DBL	DOUBLE	GH	GARMENT HOOK	PCM	PRE-FACED CMU	SV	SHEET VINYL FLOORING	WWF	WELDED WIRE FABRIC
DET	DETAIL	GMM	GLASS MESH MORTAR BOARD			W/	WITH	W/W	WITH

PLAN ANALYSIS  
Based on 2018 Edition of I.B.C.

Architect of Record: Laughlin Ricks Architecture, L.L.C.

Engineer: REFER TO DESIGN TEAM THIS SHEET

Job Address: 299 US-30, FILER, ID 83328

Legal Description: \_\_\_\_\_

Occupancy Classification: B, S-1 Occupant Load Per Area: S-1 19

Occupancy Use: OFFICE & MAINTENANCE B 45

Allowable Stories Per Code: 1 Provided: 1 (IBC Table 505.4) Total: 64

Floor Area: Basement: \_\_\_\_\_ 1<sup>st</sup>: 3,111 S.F. Exits Required: Basement: \_\_\_\_\_ 1<sup>st</sup>: 1 REQ'D 2<sup>nd</sup>: 2 PROVIDED

Mezzanine: \_\_\_\_\_ 3<sup>rd</sup>: \_\_\_\_\_ Total: 9,656 S.F. 2<sup>nd</sup>: \_\_\_\_\_ 3<sup>rd</sup>: \_\_\_\_\_ 4<sup>th</sup>: \_\_\_\_\_

Total Required Exits Per Occupant Load: 2 (IBC Table 1006.3.2)

Actual furthest travel distance to exit: 85' (IBC Table 1017.2 & 1006.2.1)

Penetrations? Show Approved Listed Products on Plans: N/A

Type of Construction: VB Allowable Building Height: 40'-0"

Seismic Design Category: C Allowable Area Calc's: SEE COMMENTS BELOW

Automatic Sprinkler System: Yes: \_\_\_\_\_ No: X (IBC Table 506.2)

Maximum Floor Area Allowed: 9,000 S.F. Exit Signs: Yes: X No: \_\_\_\_\_

Special Inspections Required? Yes: \_\_\_\_\_ No: X Emergency Lights: Yes: X No: \_\_\_\_\_

Firewalls Required? (Specify Type & Rating) Yes: \_\_\_\_\_ No: X Fire Extinguishers Shown: Yes: X No: \_\_\_\_\_

Occupancy Separation Use? Yes: \_\_\_\_\_ No: X Fire Hydrant Locations Shown: Yes: \_\_\_\_\_ No: X

Areas of Refuge Required? (IBC Section 1009.2,3,4) Yes: \_\_\_\_\_ No: X Vestibule Required: Yes: X No: \_\_\_\_\_

Area Separation Required? Yes: \_\_\_\_\_ No: X Classified Areas? Yes: \_\_\_\_\_ No: X (Show on plans & Show Areas)

Fire Resistance Ratings of BLDG Elements : 0 (IBC Table 601) (Specify Rating)

Minimum Roof Class: EXISTING (IBC Table 1505.1) Exterior Wall Openings: NO LIMIT (IBC 705.8)

Fire Doors: N/A (IBC Table 716.1.2) Fire Alarm System: SEE COMMENT BELOW (IBC 907.2)

Fire Flow and Duration: X Corridor Width: 44" (IBC Table 1020.2)

Rated Structural Frame: (Roof Supports Only) Yes: \_\_\_\_\_ No: X Rated Corridors: Yes: \_\_\_\_\_ No: X (IBC Section 1020.1)

Rated Bearing Walls-Exterior: Yes: \_\_\_\_\_ No: X Rated Bearing Walls-Interior: Yes: \_\_\_\_\_ No: X

Rated Nonbearing Walls-Exterior: ( >30' Fire Separation) Yes: \_\_\_\_\_ No: X Rated Bearing Walls-Interior: Yes: \_\_\_\_\_ No: X (Roof Supports Only)

Rated Nonbearing Walls-Exterior: (10'-30' Fire Separation) Yes: \_\_\_\_\_ No: X Rated Nonbearing Walls-Interior: Yes: \_\_\_\_\_ No: X

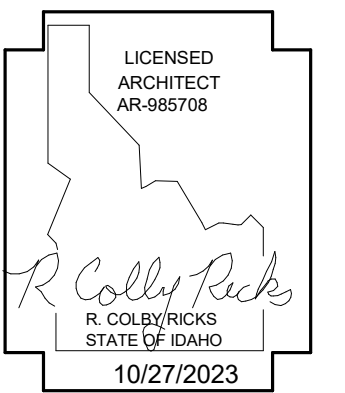
Rated Floor Construction: Yes: \_\_\_\_\_ No: X Rated Roof Construction: Yes: \_\_\_\_\_ No: X

Lighting Layout and COM Check? Yes: X No: \_\_\_\_\_

Comments: \_\_\_\_\_  
FRONTAGE  $I = [F/P - 0.25] W / 30$   
 $[287/430 - 0.25] 30 / 30 = 41\%$   
 $3000x41 = 3690$   
 $9000 + 3690 = 12,960$  S.F. ALLOWED

1 PLAN ANALYSIS  
1/4" = 1'-0"

**FIRE ALARM SHALL BE MODIFIED TO MEET CODE FOR TENANT IMPROVEMENTS**

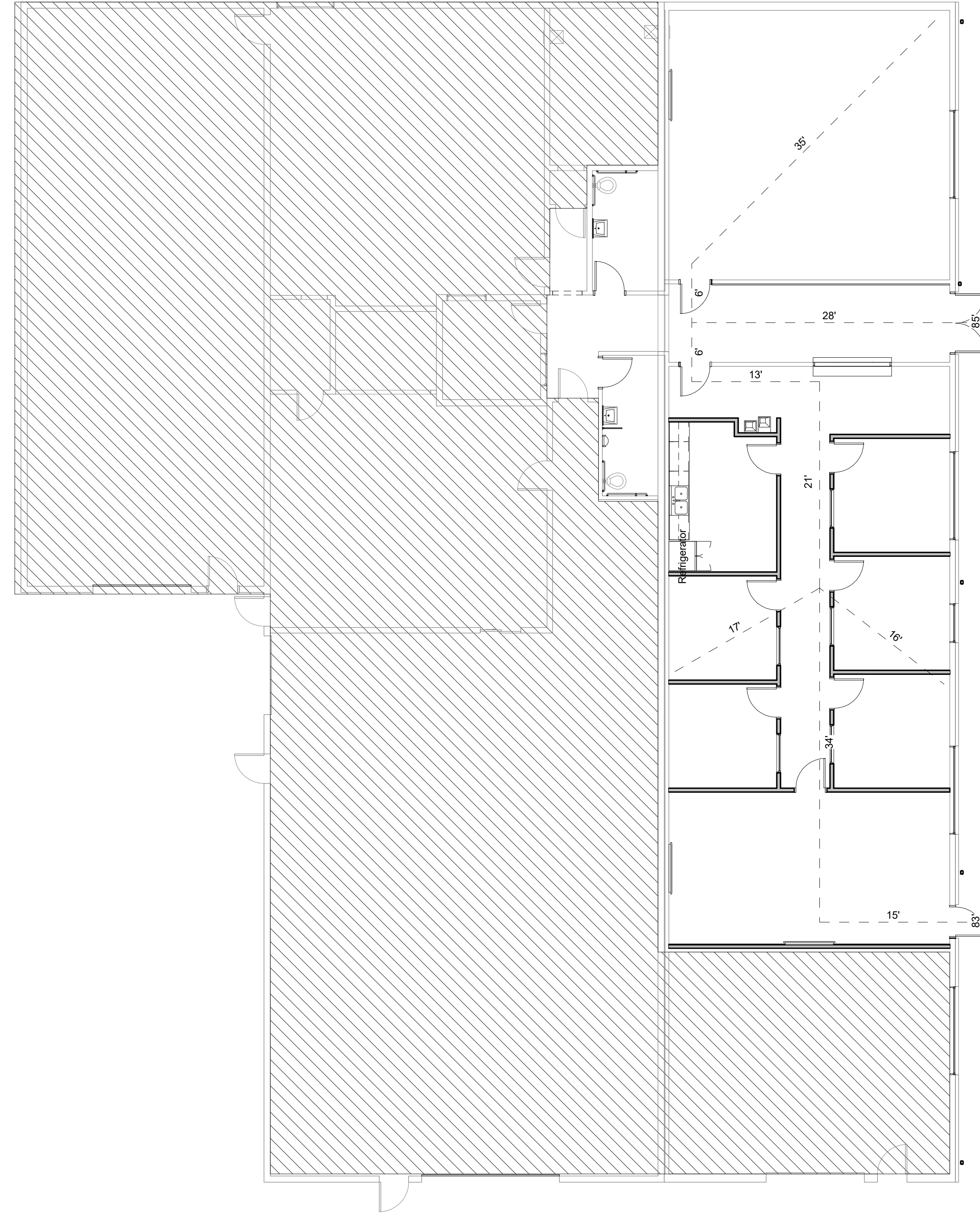


MODERNIZATION FOR:  
 FILER SCHOOL DISTRICT OFFICE  
 299 US-30, FILER, ID 83328  
 TITLE SHEET

Laughlin Ricks Architecture  
 architecture/planning  
 134 3<sup>RD</sup> Ave East, \* Twin Falls, Idaho 83301  
 (208) 756-8050

DATE: 10/27/2023  
 NM Drawn: RCR  
 RCR Checked: \_\_\_\_\_  
 PROJECT #: 23041

**A0-0**



① EXIT PLAN  
1/8" = 1'-0"

LICENSED ARCHITECT  
AR-86279  
*R. Colby Ricks*  
R. COLBY RICKS  
STATE OF IDAHO  
10/27/2023

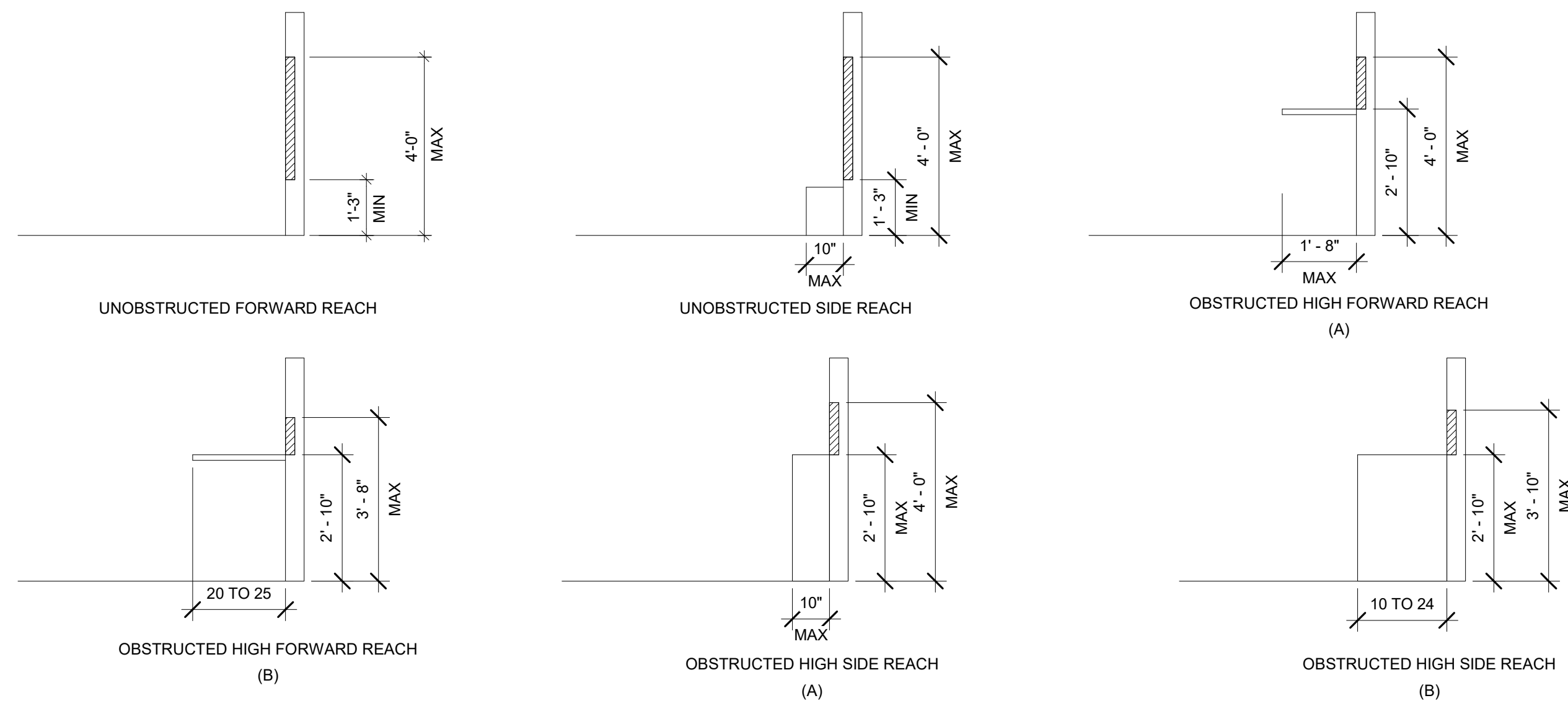
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EXIT PLAN

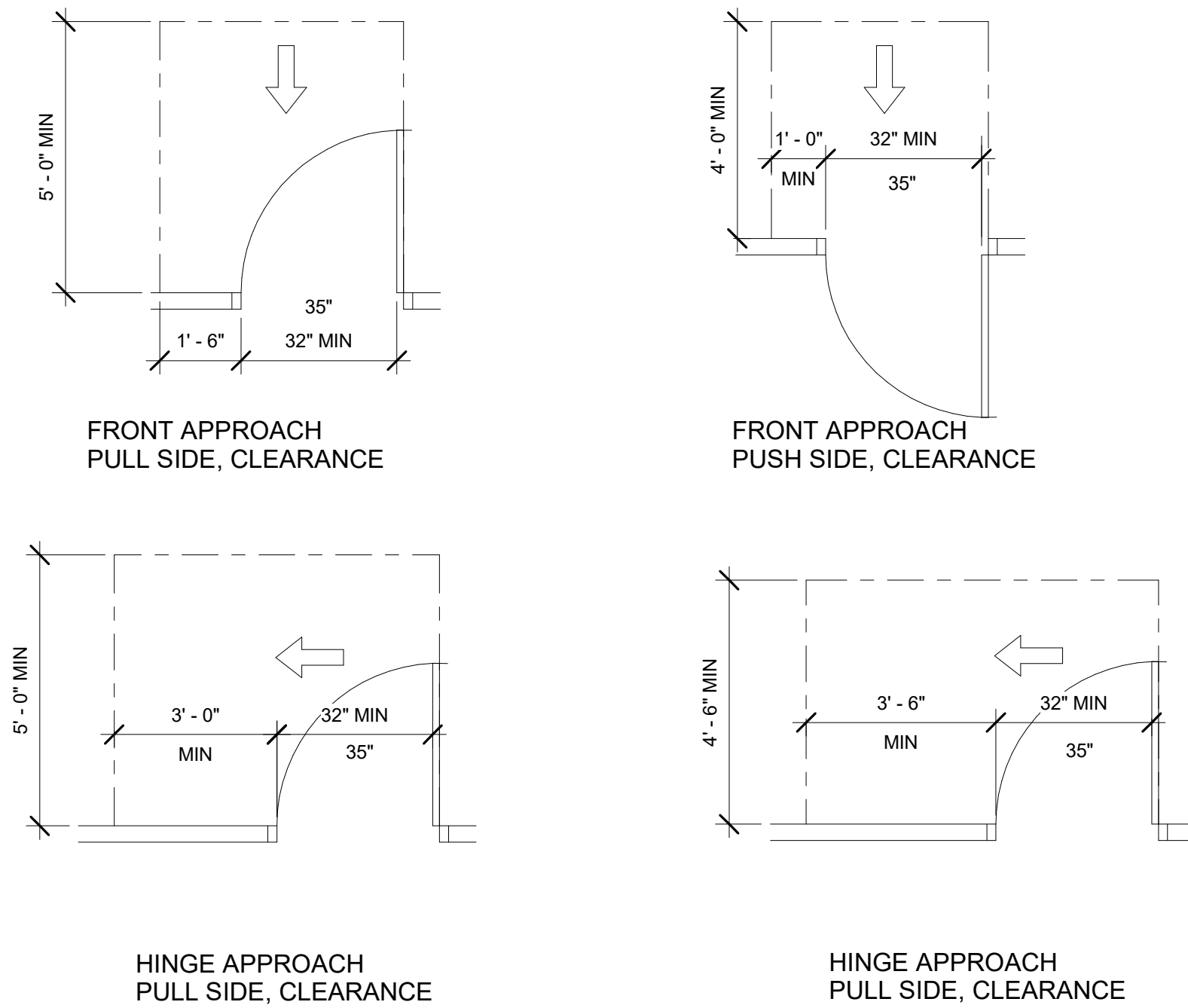
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23041 Checked  
PROJECT #

**A0-1**

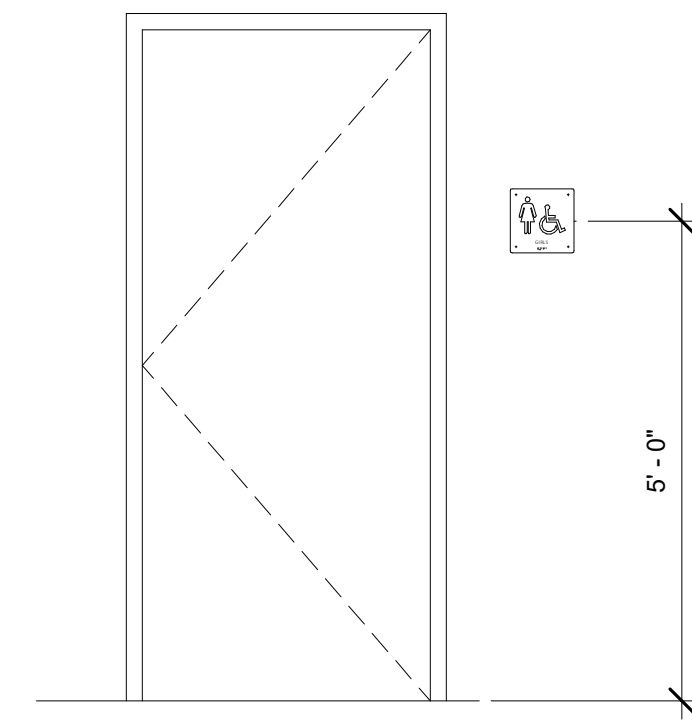


1 OPERABLE PARTS & REACH RANGES  
3/8" = 1'-0"

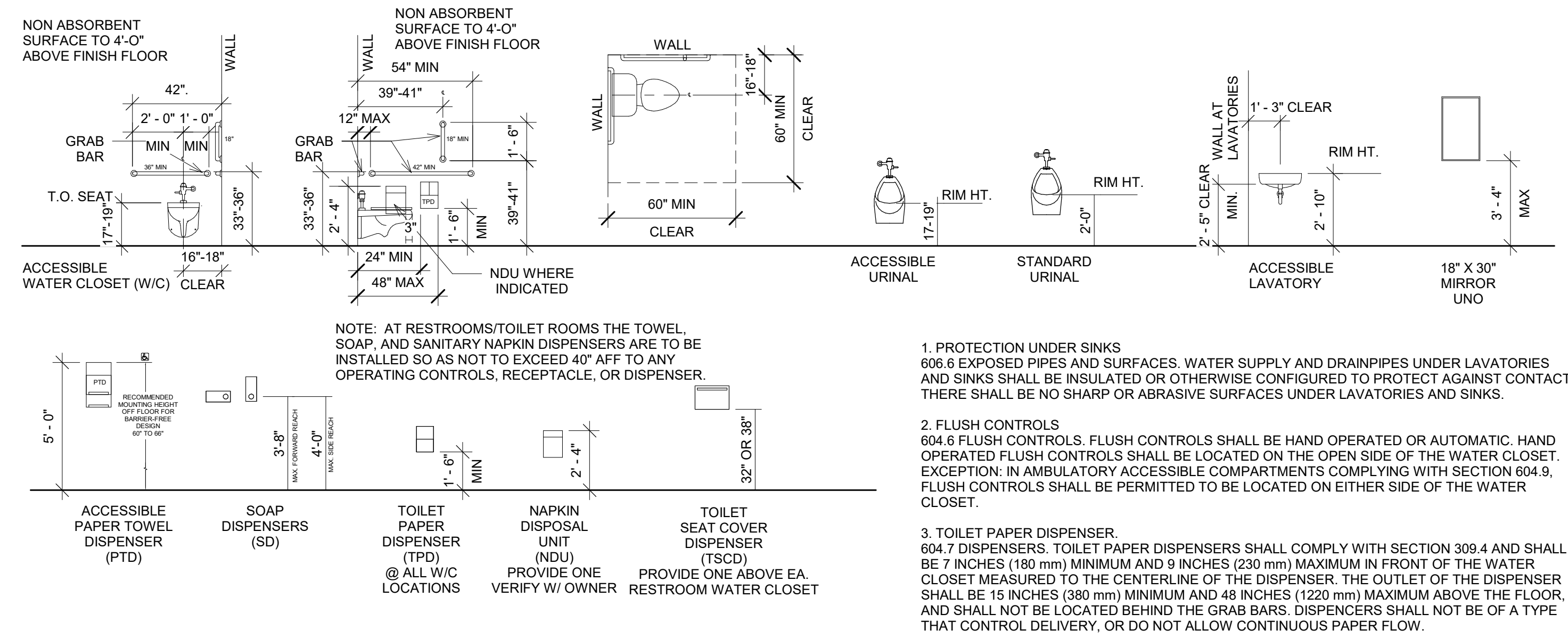
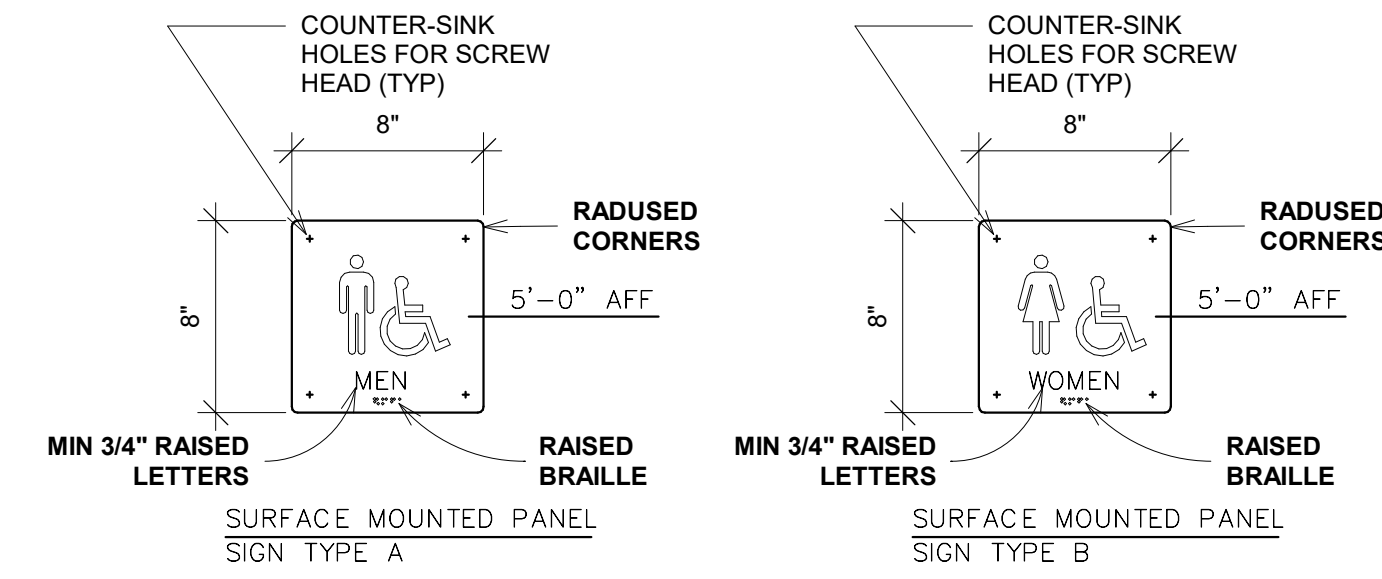


2 DOOR CLEARANCE REQUIREMENTS  
3/8" = 1'-0"

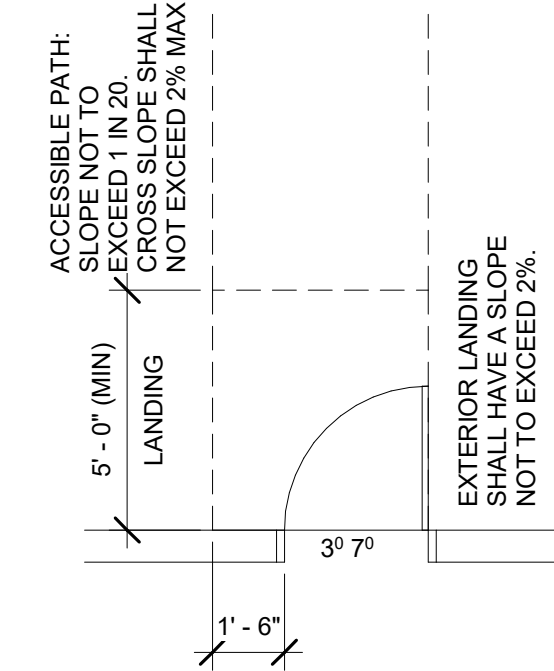
3 GENERAL - SIGN MOUNTING HEIGHT  
1/2" = 1'-0"



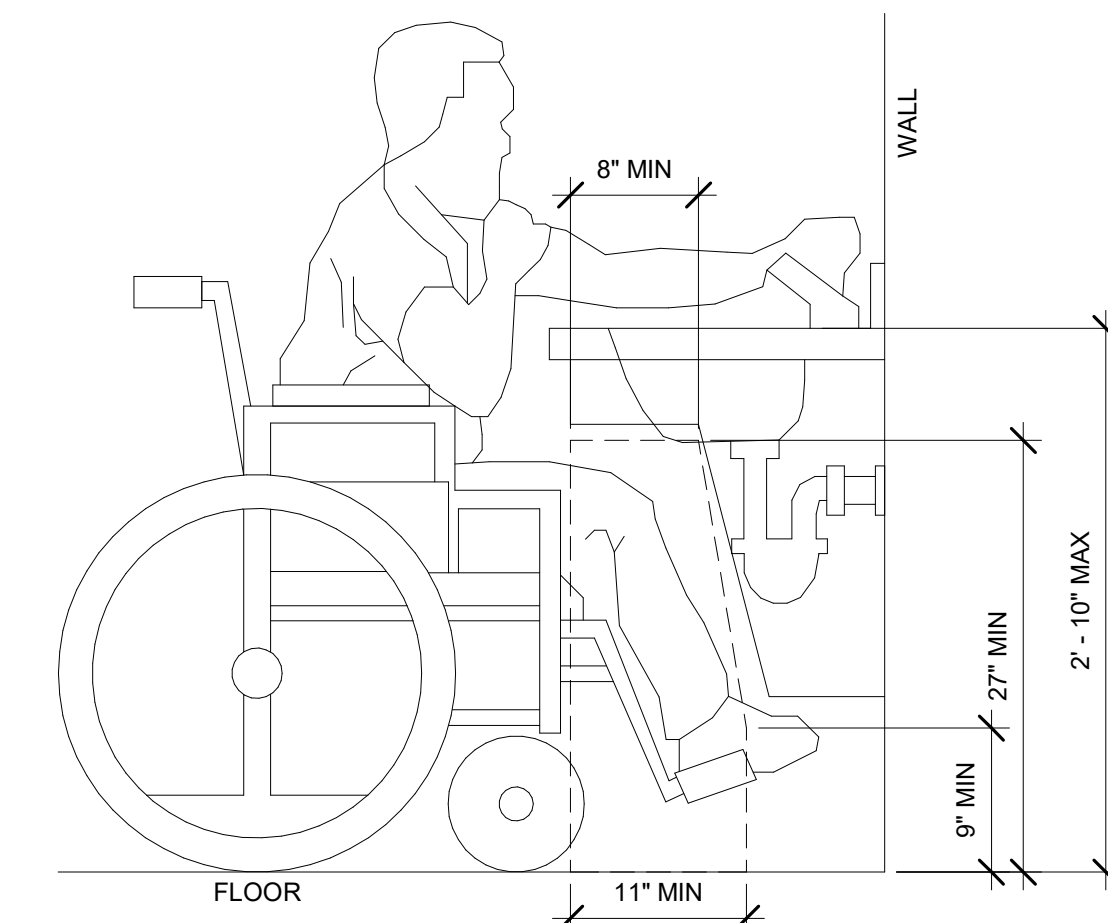
4 GENERAL - SIGNS  
1 1/2" = 1'-0"



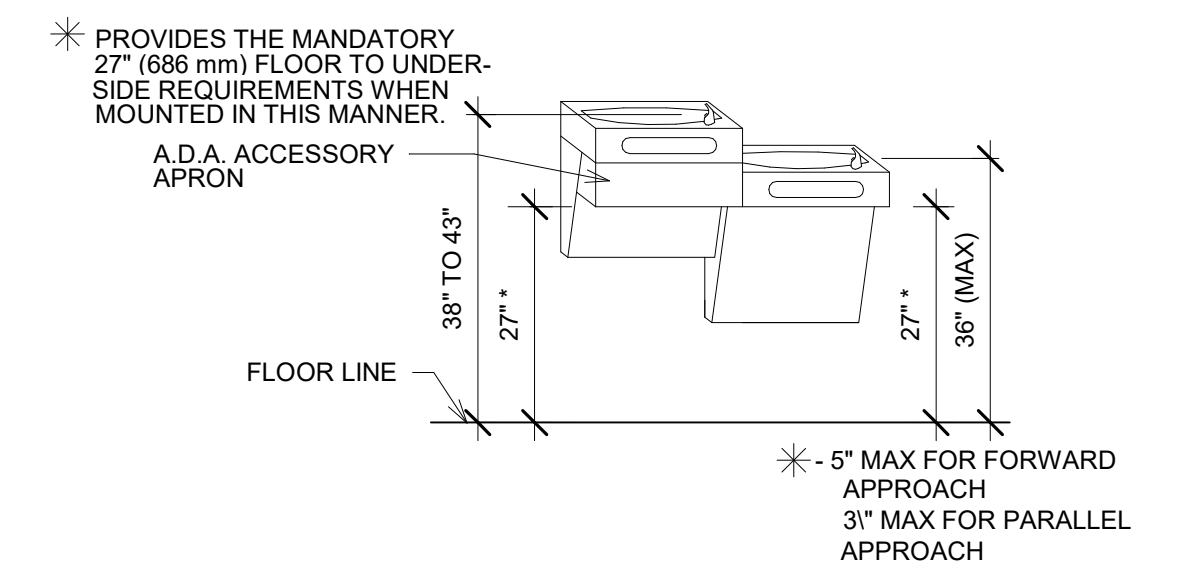
5 GENERAL - FIXTURE MOUNTING HEIGHTS  
1/4" = 1'-0"



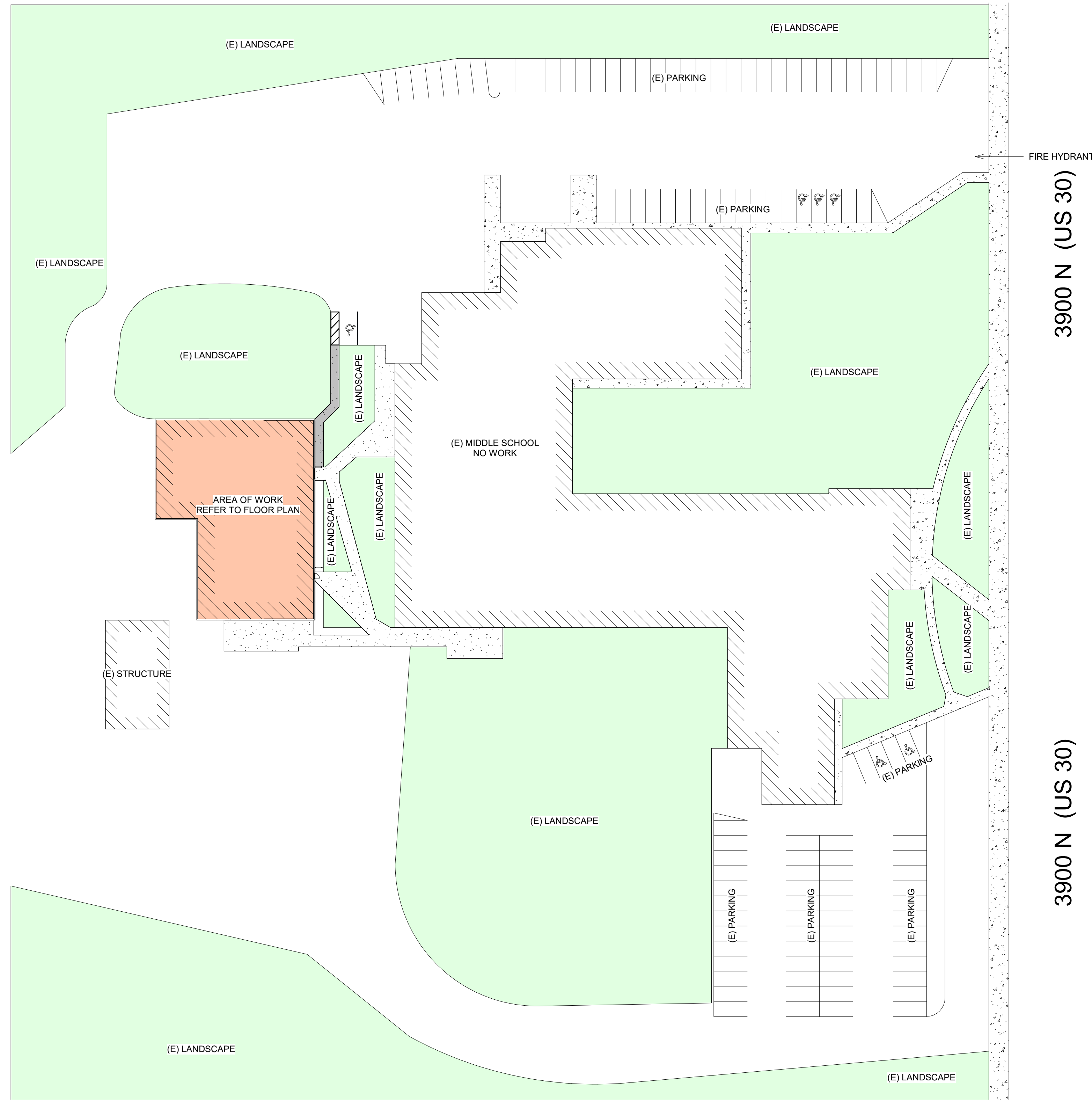
6 ACCESSIBLE ENTRANCE  
1/4" = 1'-0"



7 LAVATORY CLEARANCE  
1" = 1'-0"



8 DRINKING FOUNTAIN DETAIL  
1/4" = 1'-0"



① OVERALL VICINITY MAP  
1" = 40'-0"

LICENSED ARCHITECT  
*R. Colby Ricks*  
 R. COLBY RICKS  
 STATE OF IDAHO  
 10/27/2023

DATE \_\_\_\_\_

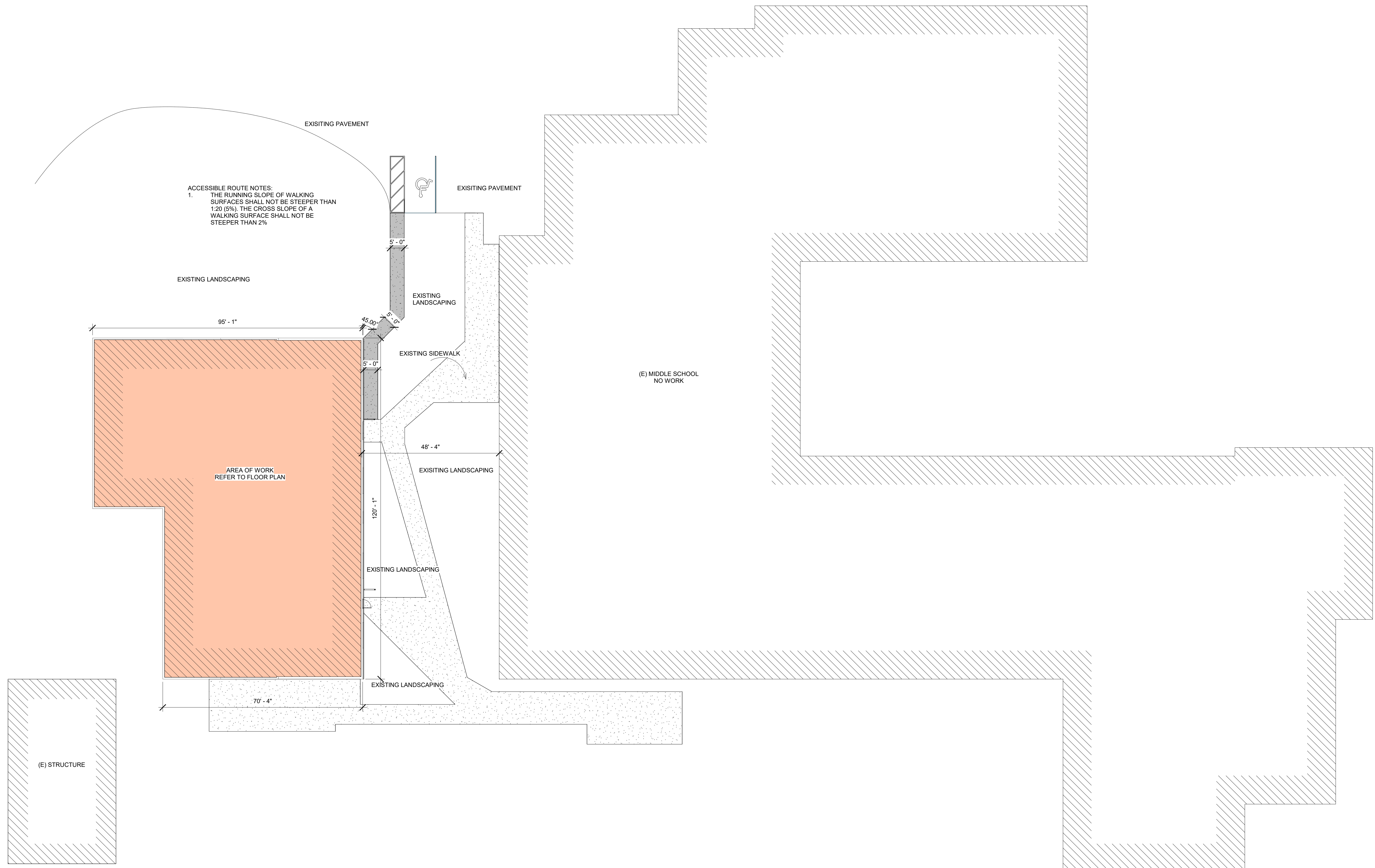
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 OVERALL VICINITY MAP

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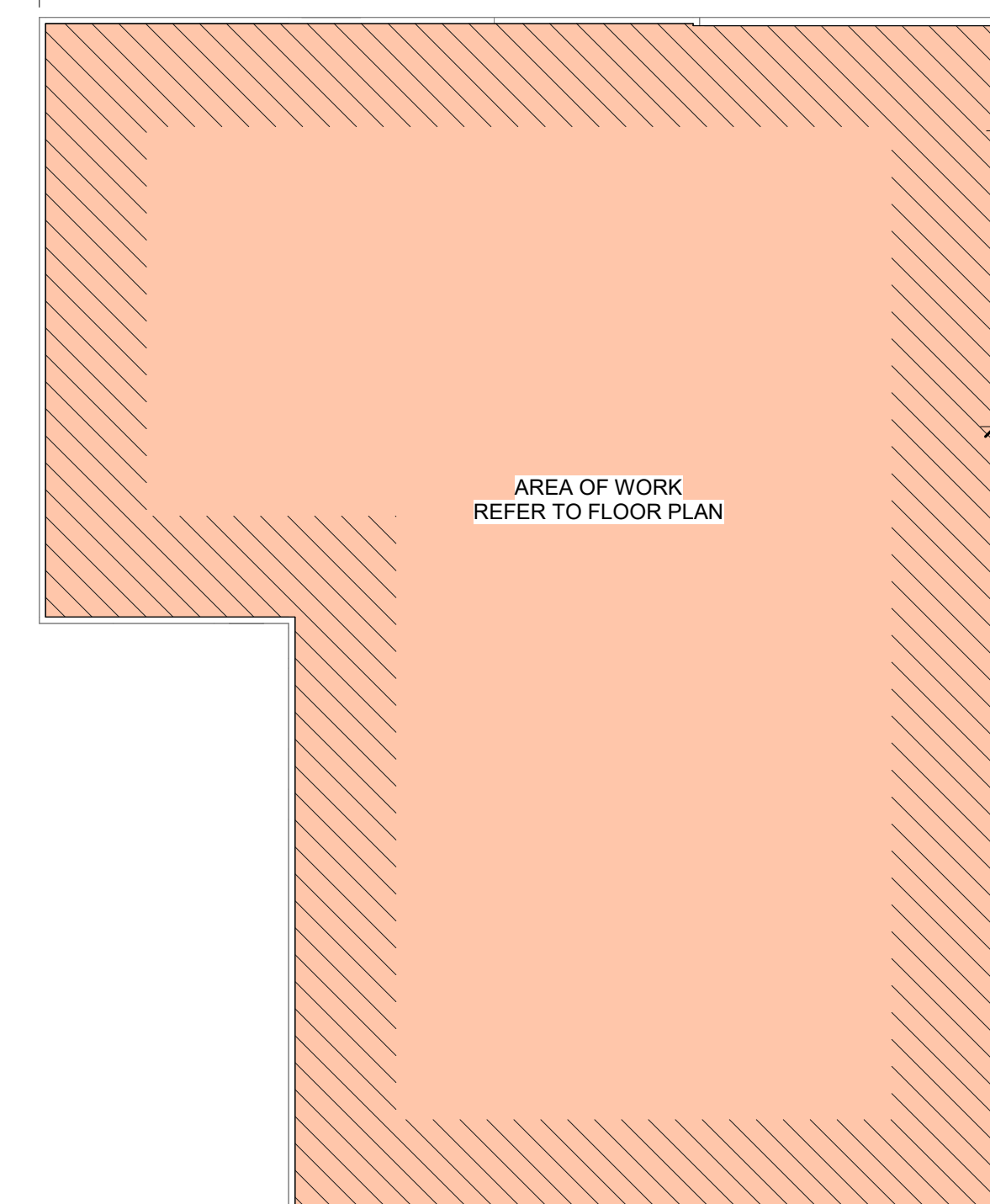
**A1-0**





ACCESSIBLE ROUTE NOTES:  
 1. THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20 (5%). THE CROSS SLOPE OF A WALKING SURFACE SHALL NOT BE STEEPER THAN 2%

95' - 1"



AREA OF WORK  
 REFER TO FLOOR PLAN

45.00'

5' - 0"

5' - 0"

5' - 0"

5' - 0"

5' - 0"

5' - 0"

5' - 0"

5' - 0"

5' - 0"

5' - 0"

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5' - 0"

5' - 0"

5' - 0"

5' - 0"

5' - 0"

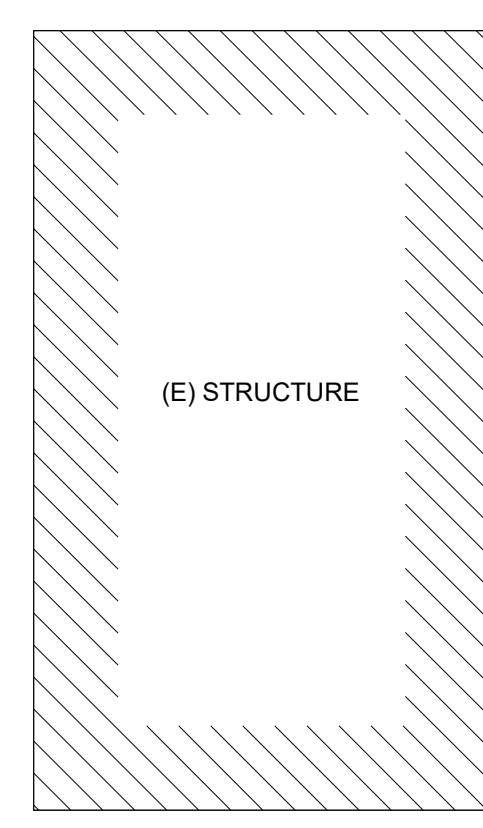
5' - 0"

48' - 4"

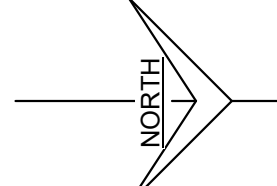
120' - 1"

70' - 4"

(E) MIDDLE SCHOOL  
 NO WORK



(E) STRUCTURE



1 SITE PLAN  
 1/16" = 1'-0"

LICENSED ARCHITECT  
 ARCHITECT ID: AR-86789  
*R. Colby Ricks*  
 R. COLBY RICKS  
 STATE OF IDAHO  
 10/27/2023

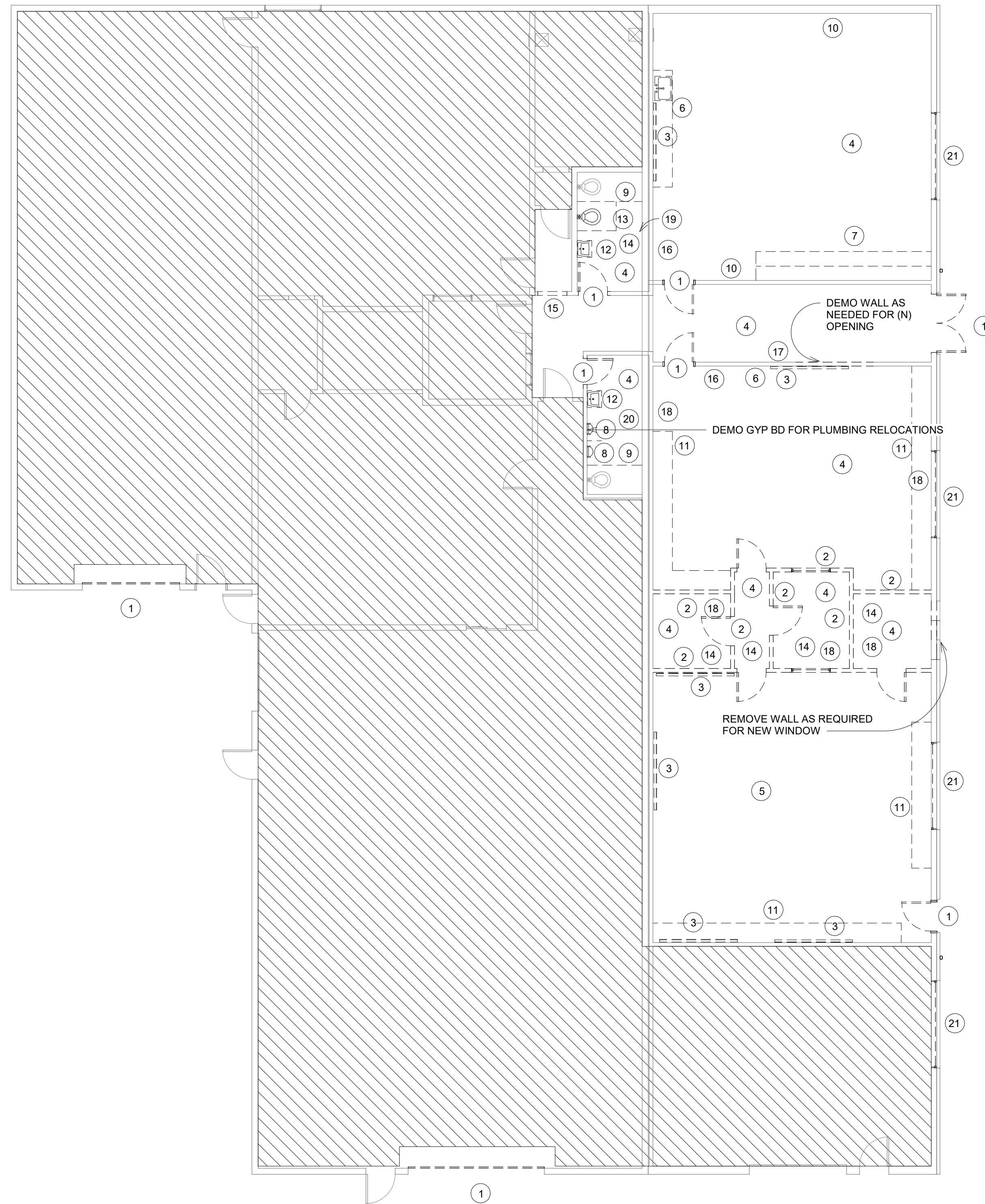
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 SITE PLAN

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**A1-1**



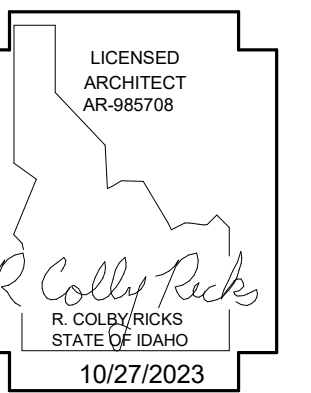
**GENERAL DEMOLITION NOTES**

1. REFER TO THE STRUCTURAL, MECH., ELEC., PLUMBING DRAWINGS FOR LOCATIONS OF DEMOLITION AND SAW CUTTING WORK NOT INDICATED ON ARCHITECTURAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF SELECTIVE DEMOLITION SAW CUTTING, AND PATCHING BACK IN ORDER TO PROVIDE NEW WORK.
2. DEMOLITION WORK INDICATED IS INTENDED AS A GENERAL GUIDE. AREAS OF WORK INDICATED ARE TAKEN FROM THE AS-BUILT DRAWINGS. THESE DRAWINGS MUST BE USED IN COORDINATION WITH THE AS-BUILT DRAWINGS.
3. ALL AREAS OF WORK WHERE EXISTING ELEMENTS OR SYSTEMS HAVE BEEN REMOVED SHALL BE CLEANED, REPAIRED, PATCHED, AND PREPARED FOR NEW WORK.

**DEMOLITION KEY**

- 1 DEMO DOOR IN ITS ENTIRETY
- 2 REMOVE WALL IN ITS ENTIRETY
- 3 REMOVE WHITE BOARDS/CORK BOARDS
- 4 REMOVE VCT TILE
- 5 REMOVE CARPET
- 6 REMOVE CASEWORK IN ITS ENTIRETY
- 7 REMOVE BOOK SHELVE
- 8 REMOVE URINALS
- 9 REMOVE PARTITION WALLS
- 10 REMOVE TILE AND GYP. BD.
- 11 REMOVE COUNTERTOPS AND MOUNTING BRACKETS
- 12 REMOVE SINKS IN ITS ENTIRETY
- 13 REMOVE TOILET IN ITS ENTIRETY
- 14 DEMO GYP. BD. CEILING
- 15 DEMO DOOR FRAME
- 16 REMOVE SPEAKER AND WIRE
- 17 REMOVE GYP BD FROM WALL IN ITS ENTIRETY (1) SIDE
- 18 REMOVE CABLE TRAY AND RETURN TO SCHOOL DIST.
- 19 DEMO GAS WALL HEATER & REMOVE GAS LINE AND CAP SIDE OF BATHROOM
- 20 REMOVE ELCTERIC WALL HEATER
- 21 REMOVE WINDOW IN ITS ENTIRETY

1 DEMOLITION PLAN  
1/8" = 1'-0"



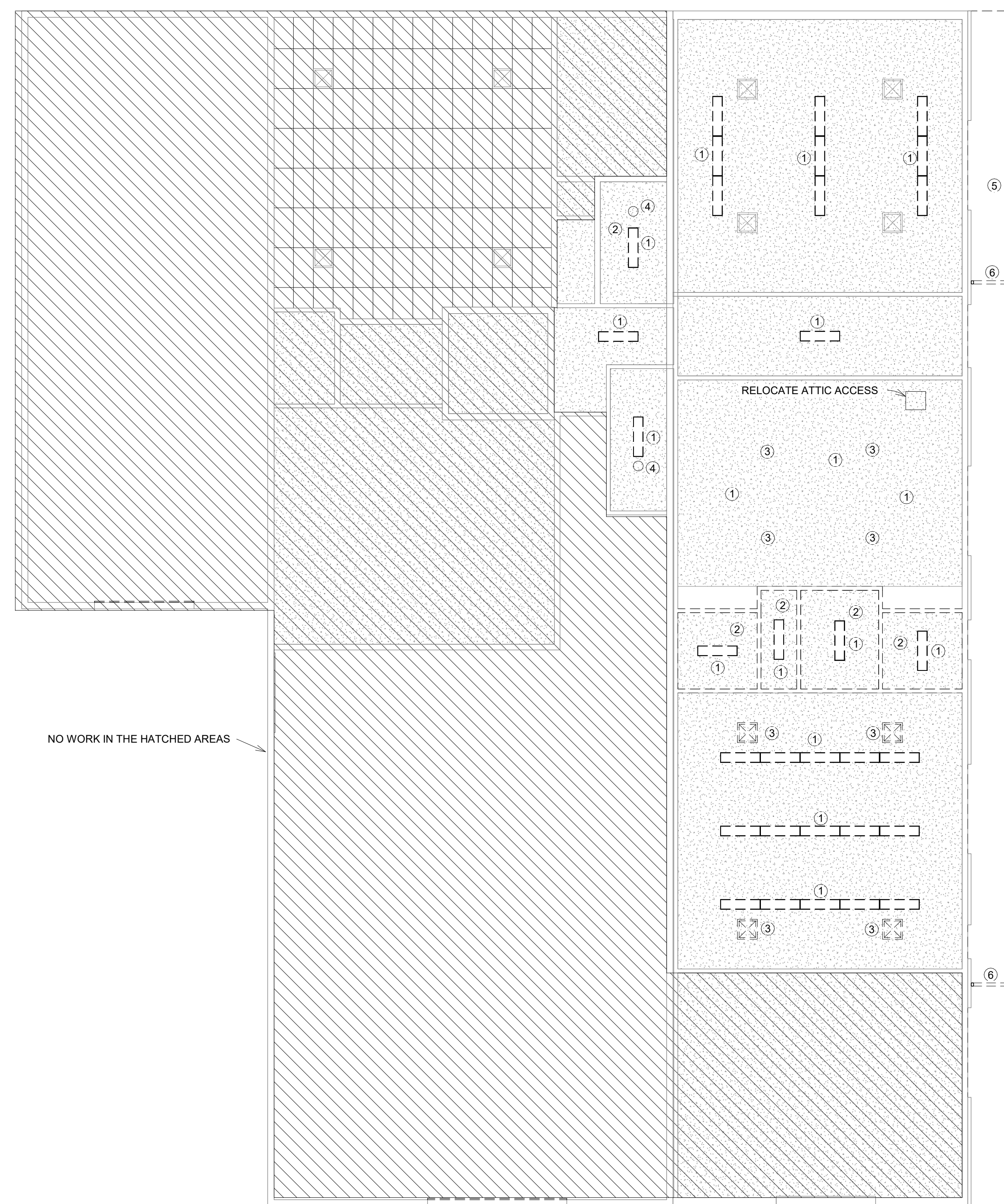
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**DEMO FLOOR PLAN**

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**A1-2**

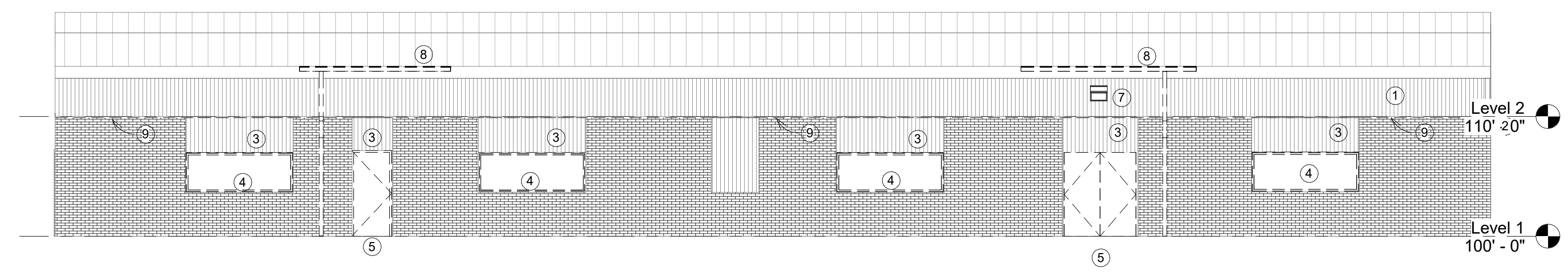


1 DEMO CEILING PLAN  
 1/8" = 1'-0"

**GENERAL DEMOLITION NOTES**

1. REFER TO THE STRUCTURAL, MECH. ELEC., PLUMBING DRAWINGS FOR LOCATIONS OF DEMOLITION AND SAW CUTTING WORK NOT INDICATED ON ARCHITECTURAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF SELECTIVE DEMOLITION SAW CUTTING, AND PATCHING BACK IN ORDER TO PROVIDE NEW WORK
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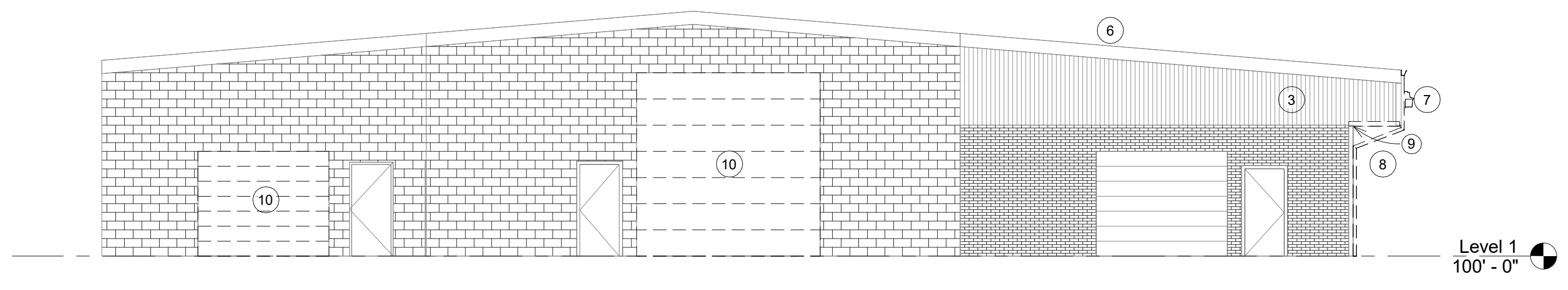
- 1 DEMO LIGHTS
- 2 REMOVE GYPSUM CEILING
- 3 REMOVE HVAC SUPPLY REGISTERS
- 4 REMOVE BATHROOM FAN
- 5 DEMO WOOD EXTERIOR SOFFIT
- 6 DEMO EXISTING GUTTER & DOWNSPOUTS



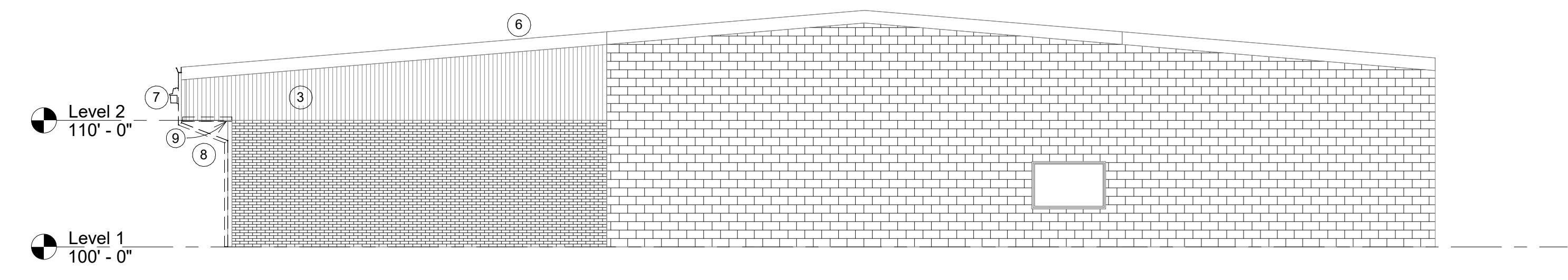
1 EAST DEMO ELAVATION  
 1/8" = 1'-0"

**DEMOLITION KEY**

- 1 REMOVE WOOD FASCIA IN ITS ENTIRETY
- 2 REMOVE WOOD SOFFIT IN ITS ENTIRETY
- 3 REMOVE WOOD SIDING IN ITS ENTIRETY
- 4 REMOVE WINDOW
- 5 REMOVE DOOR
- 6 REMOVE METAL FASCIA
- 7 DEMO LIGHT
- 8 DEMO GUTTER AND DOWNSPOUTS
- 9 REMOVE TRIM PIECE IN ITS ENTIRETY
- 10 REMOVE OHD IN ITS ENTIRETY



2 SOUTH DEMO PLAN  
 1/8" = 1'-0"



3 NORTH DEMO ELAVATION  
 1/8" = 1'-0"

DATE \_\_\_\_\_

MODERNIZATION FOR:  
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 289 US-30, FILER, ID 83328  
 DEMO EXTERIOR ELEVATIONS

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23041	
PROJECT #	

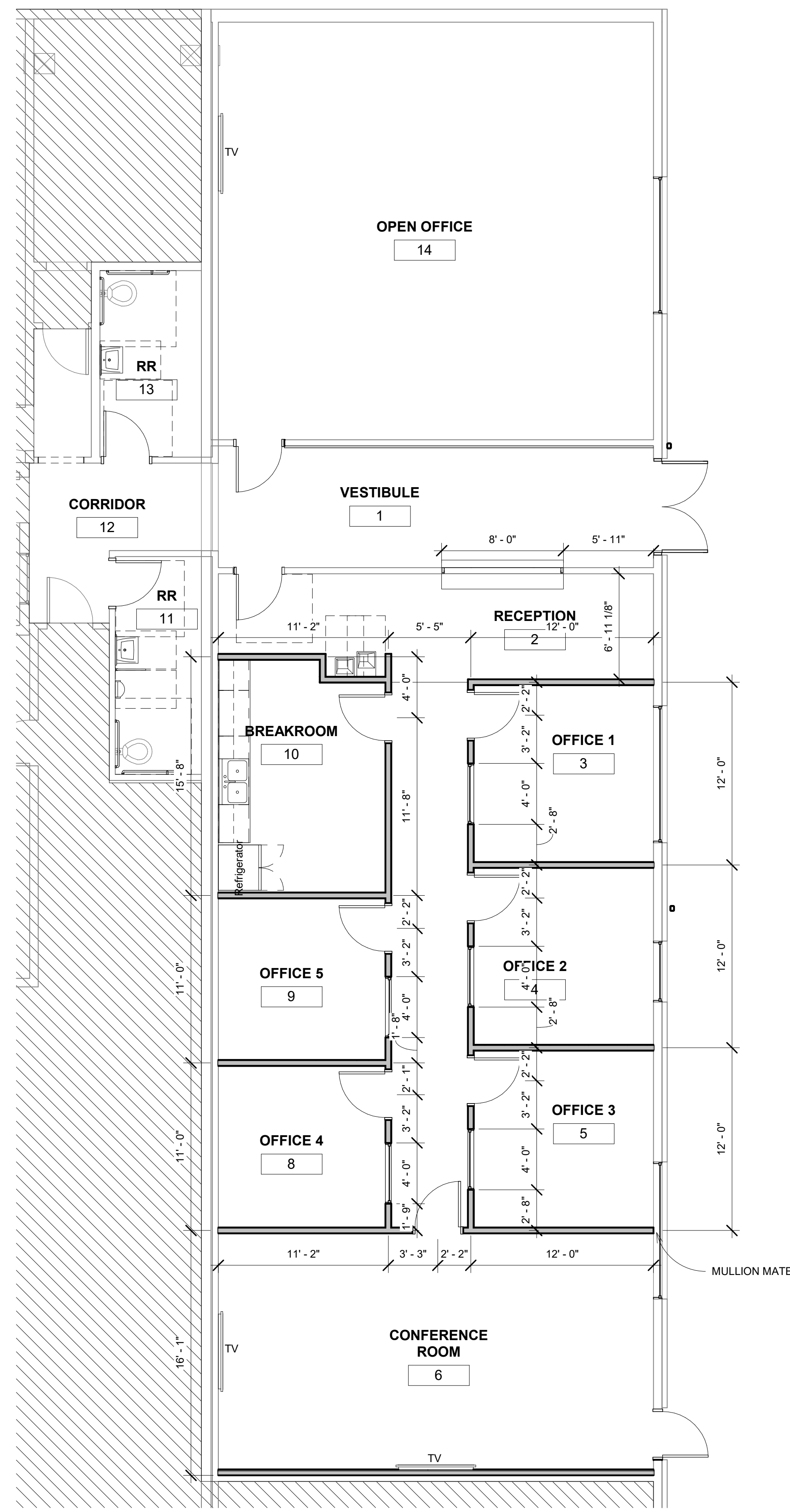




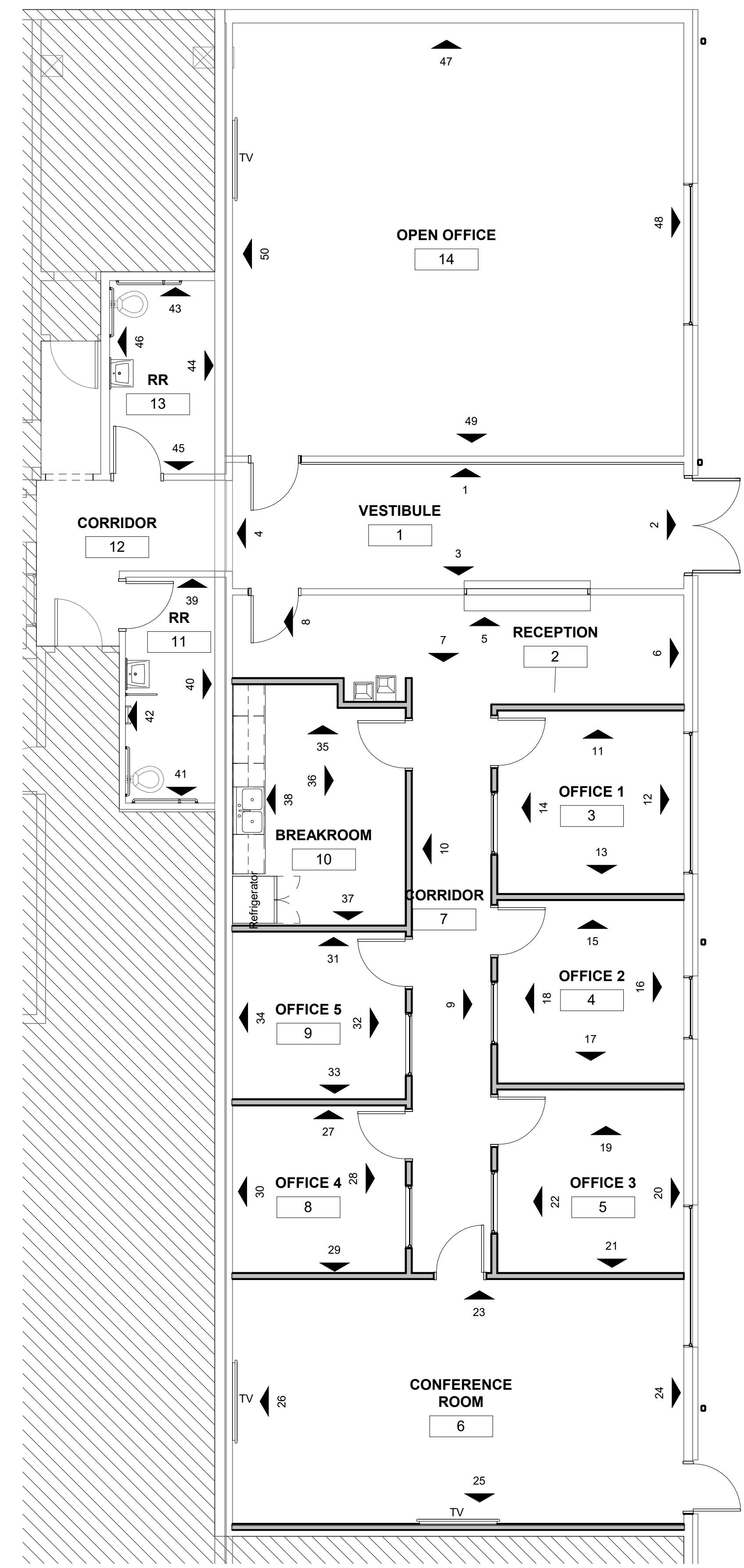
1. ANY LOCATION WHERE WOOD IS TOUCHING CONCRETE, MASONRY, CMU, OR STEEL SHALL BE PRESSURE TREATED.
2. ALL WOOD SHALL BE DOUGLAS FIR #2 OR BETTER.
3. ALL NEW INTERIOR WALLS SHALL BE 2x4 W/ 5/8" GYP BD EA. SIDE U.N.O.
4. ALL NEW INTERIOR WALLS SHALL HAVE SOUND BATT INSULATION
5. PATCH AND REPAIR GYPSUM ON WALLS AND CEILINGS AS NEEDED

GENERAL NOTES  
 NTS \_\_\_\_\_

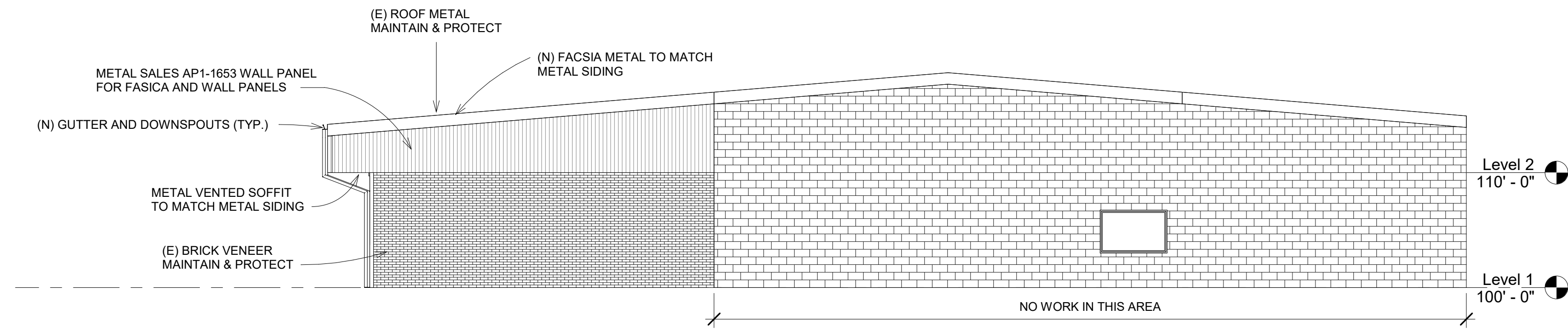
1 MAIN FLOOR PLAN  
 1/8" = 1'-0"



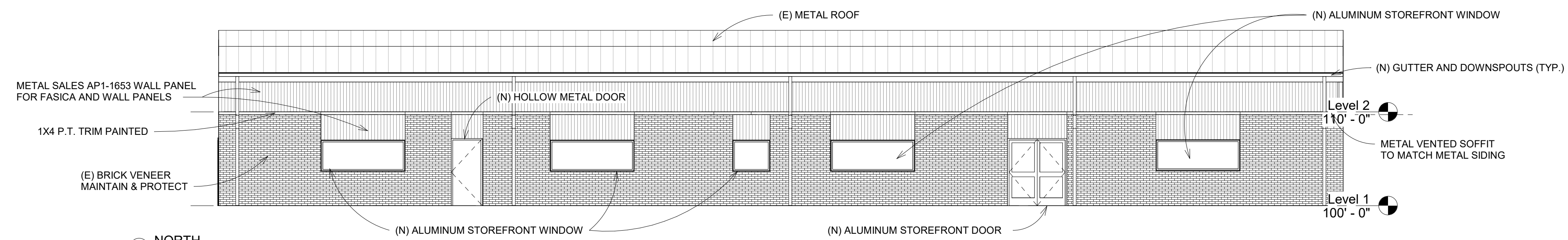
1 DIMENSION PLAN  
 3/16" = 1'-0"



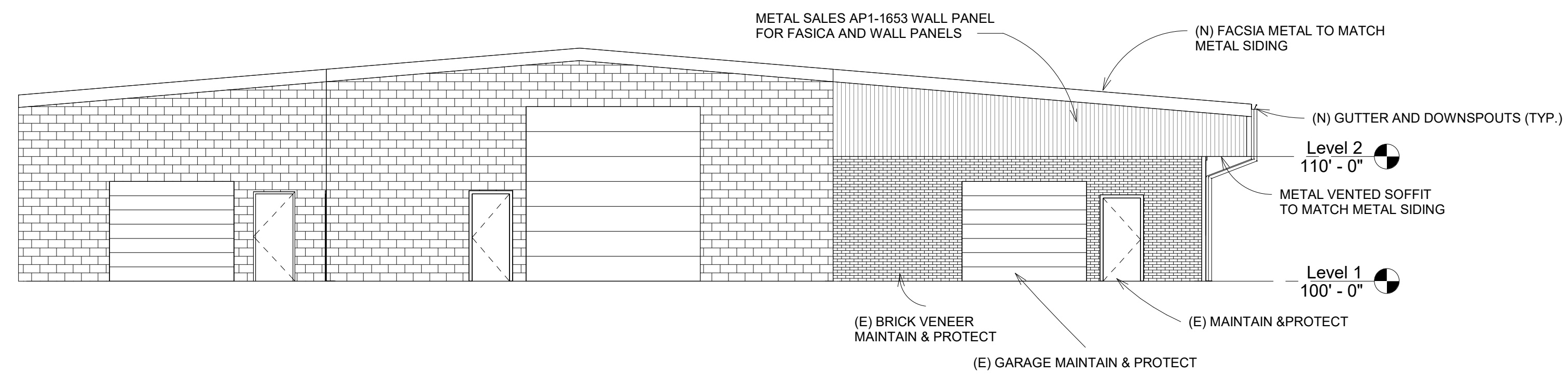
2 INTERIOR ELEVATION PLAN  
 3/16" = 1'-0"



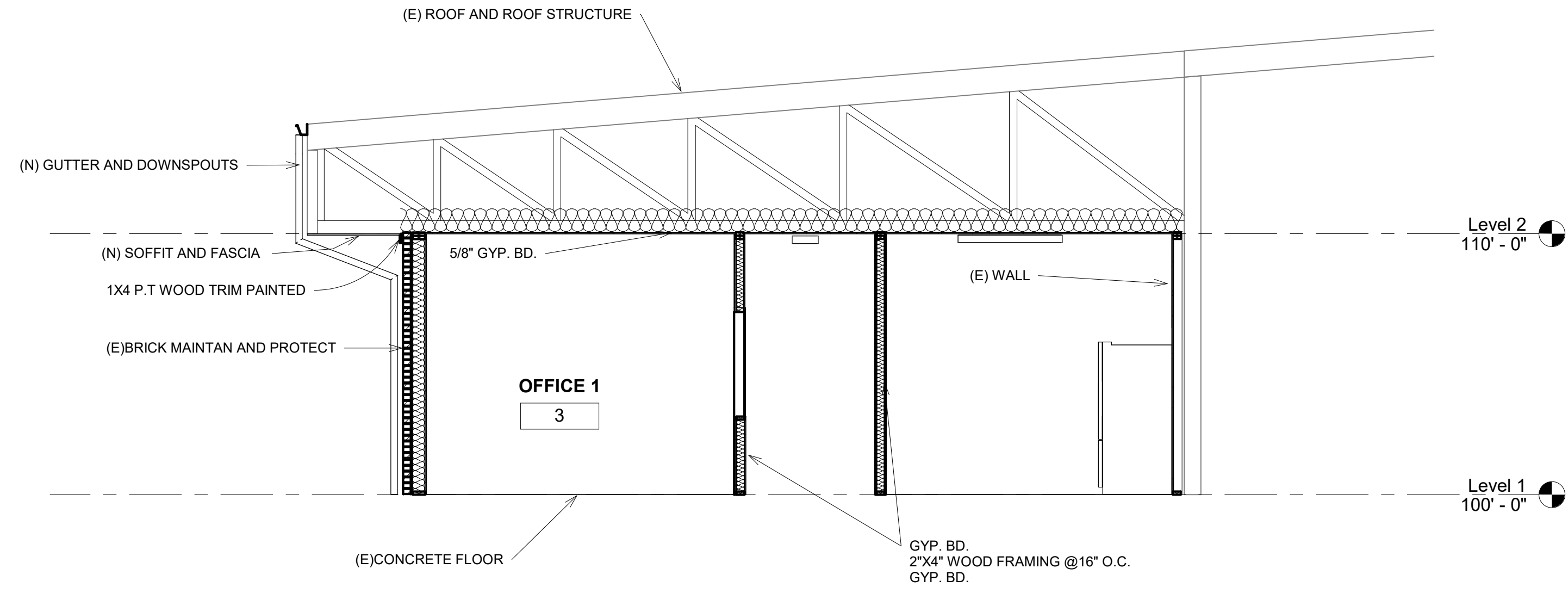
① WEST  
1/8" = 1'-0"



② NORTH  
1/8" = 1'-0"



③ EAST  
1/8" = 1'-0"



① Section 1  
1/4" = 1'-0"

LICENSED ARCHITECT  
*R. Colby Ricks*  
 R. COLBY RICKS  
 STATE OF IDAHO  
 10/27/2023

DATE \_\_\_\_\_

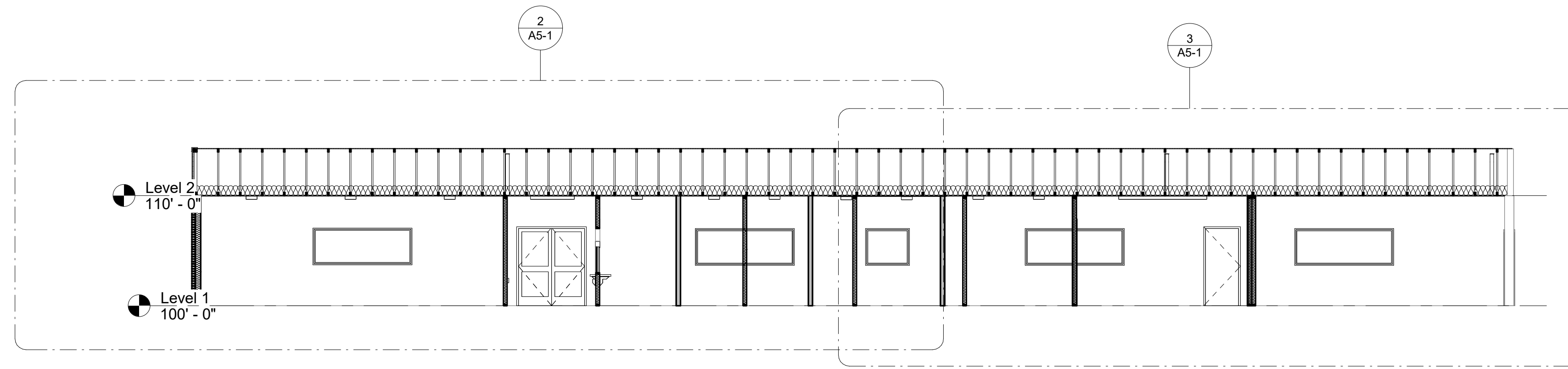
MODERNIZATION FOR:  
 FILER SCHOOL DISTRICT OFFICE  
 289 US-30, FILER, ID 83328  
 BUILDING SECTION

**Laughlin Ricks Architecture**  
 architecture/planning  
 134 3<sup>RD</sup> Ave East, # Twin Falls, Idaho 83301  
 (208) 736-8050

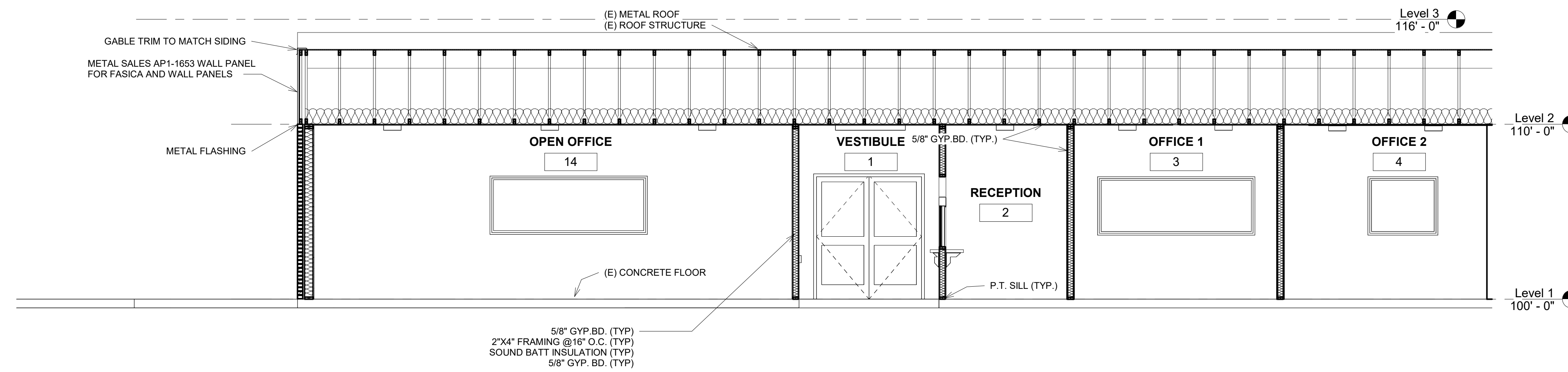
DATE: 10/27/2023  
 NM RCR  
 Drawn Checked  
 23041  
 PROJECT #

**A5-0**

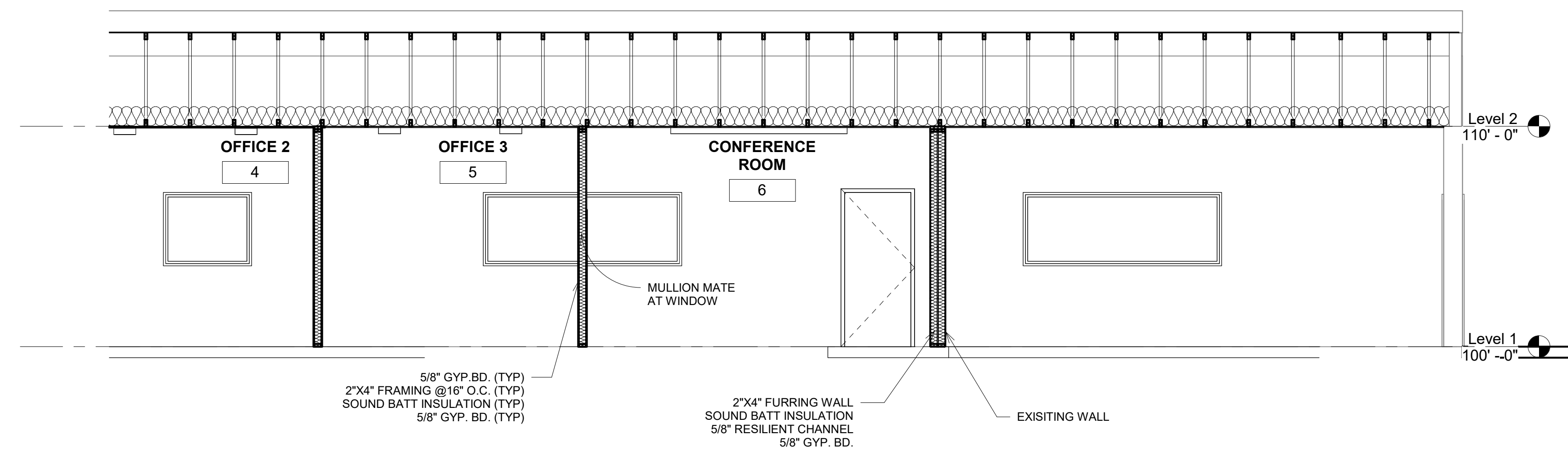




1 Section 2  
1/8" = 1'-0"



2 Section 2 - Callout 1  
1/4" = 1'-0"



3 Section 2 - Callout 2  
1/4" = 1'-0"



① REMODEL CEILING PLAN  
1/8" = 1'-0"

LICENSED ARCHITECT  
R. COLBY RICKS  
STATE OF IDAHO  
10/27/2023

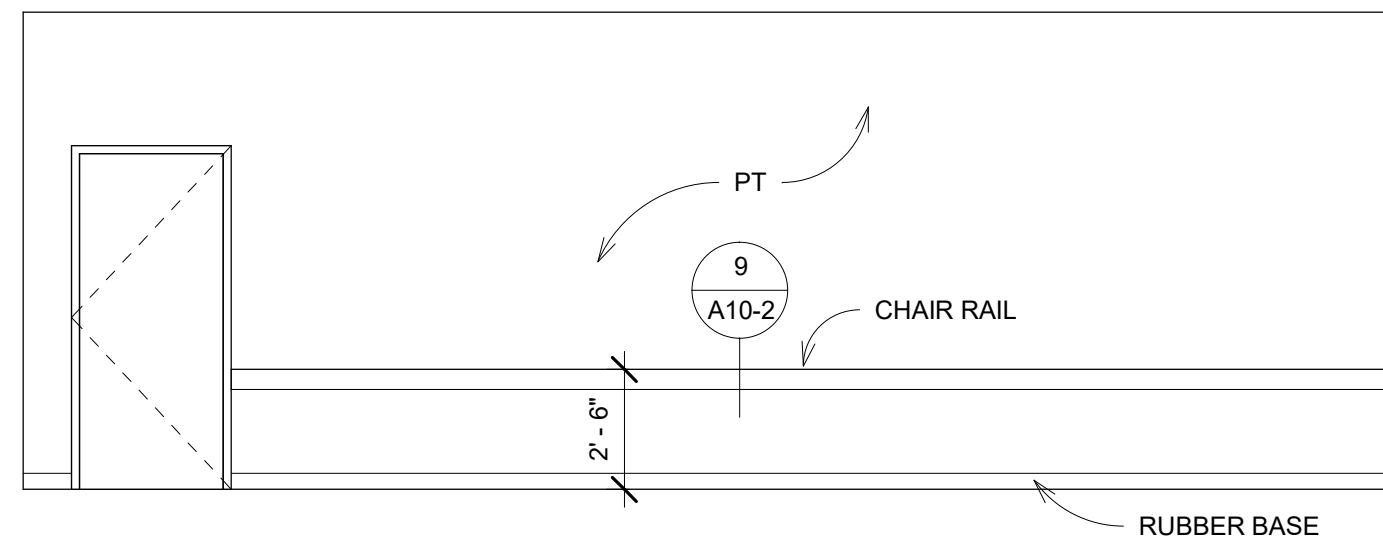
DATE

MODERNIZATION FOR:  
FILER SCHOOL DISTRICT OFFICE  
289 US-30, FILER, ID 83328  
REFLECTIVE CEILING PLAN

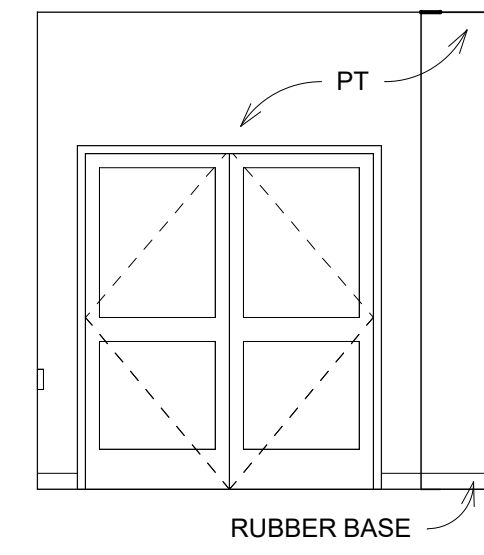
Laughlin Ricks Architecture  
architecture/planning  
134 3<sup>RD</sup> Ave East, # Twin Falls, Idaho 83301  
(208) 736-8050

DATE: 10/27/2023  
NM Drawn RCR  
23041 Checked  
PROJECT #

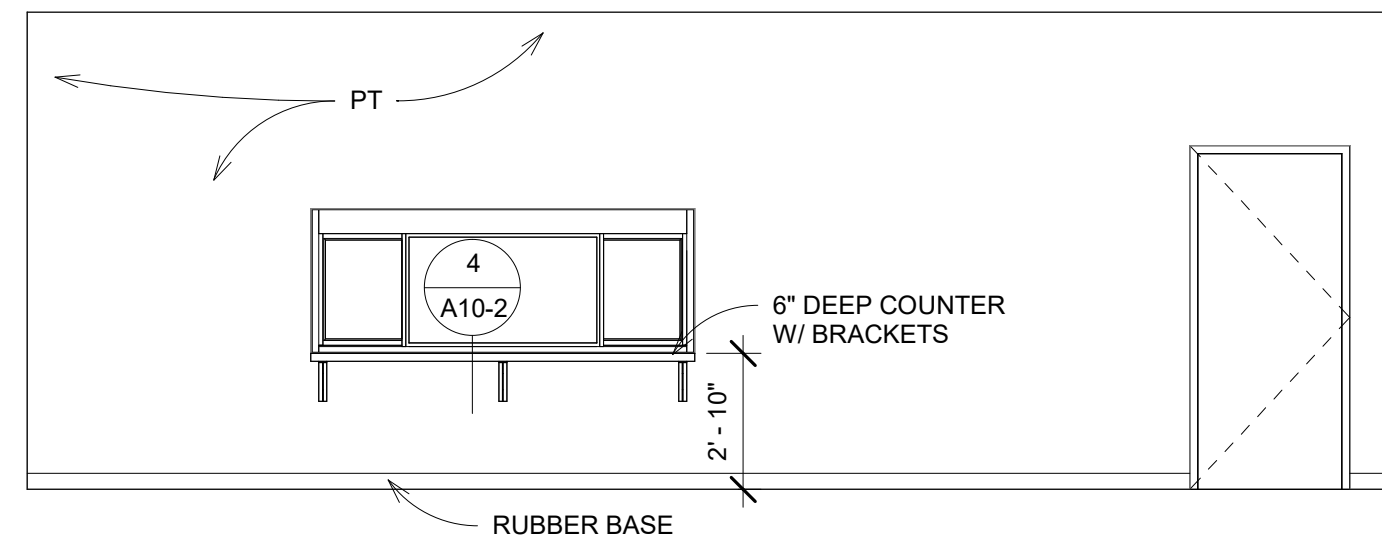
**A7-1**



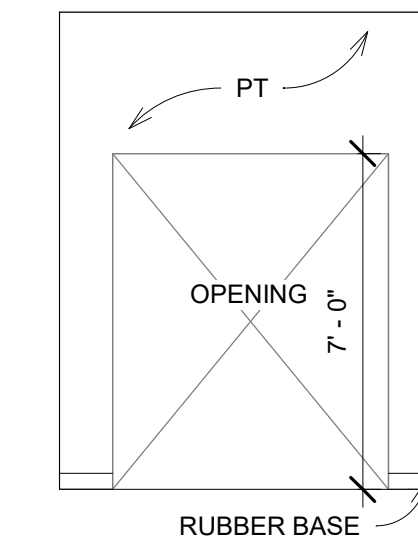
1 VESTIBULE A  
1/4" = 1'-0"



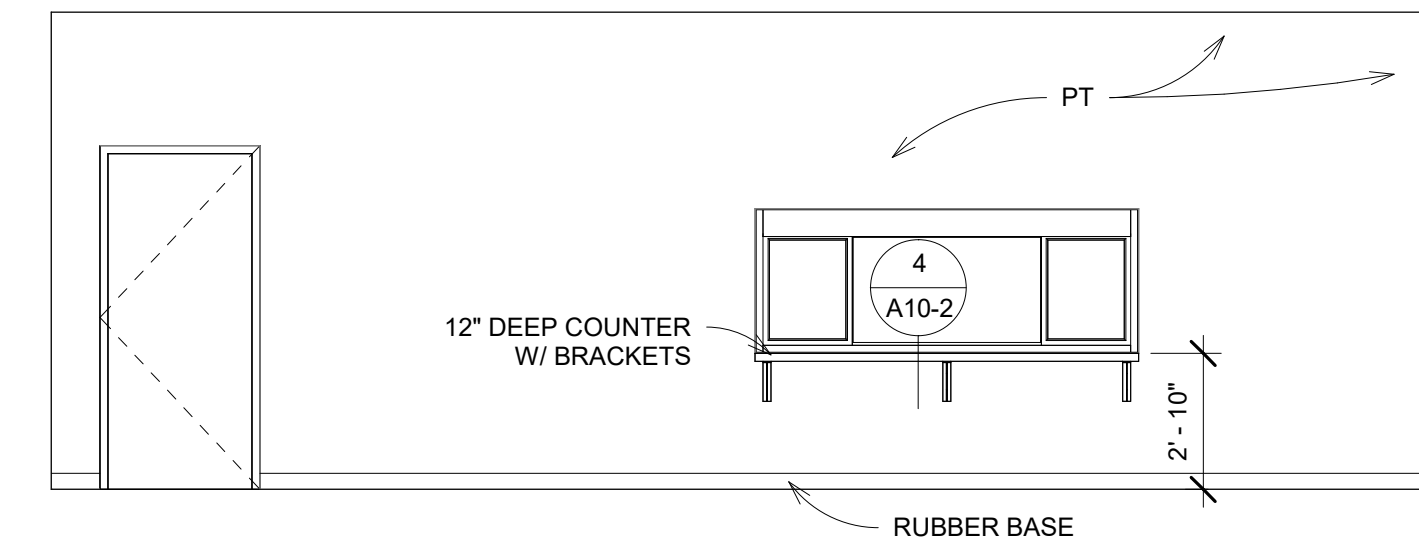
2 VESTIBULE B  
1/4" = 1'-0"



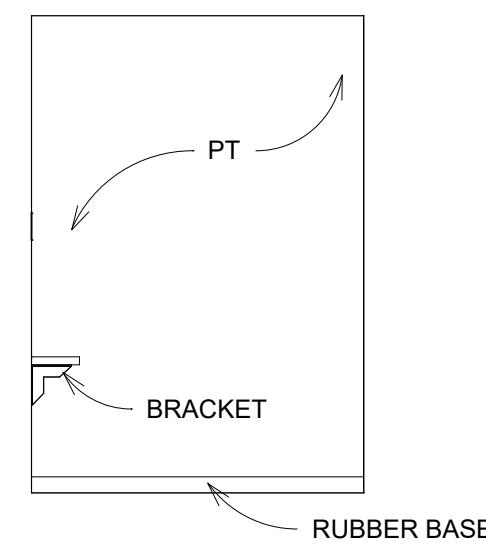
3 VESTIBULE C  
1/4" = 1'-0"



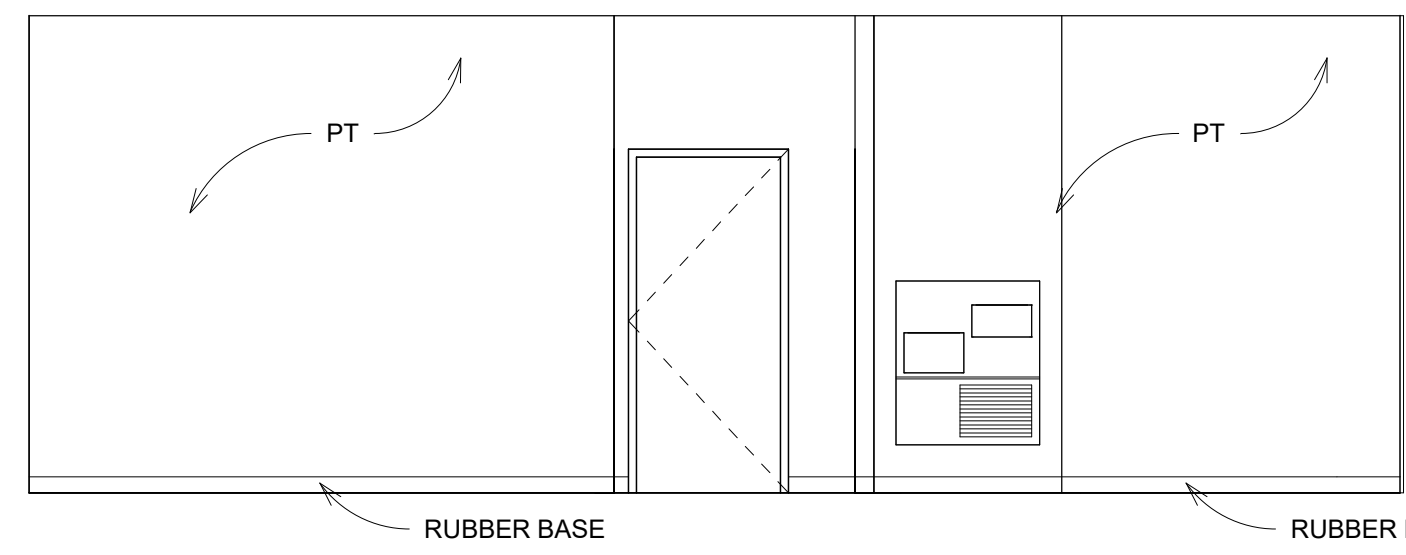
4 VESTIBULE D  
1/4" = 1'-0"



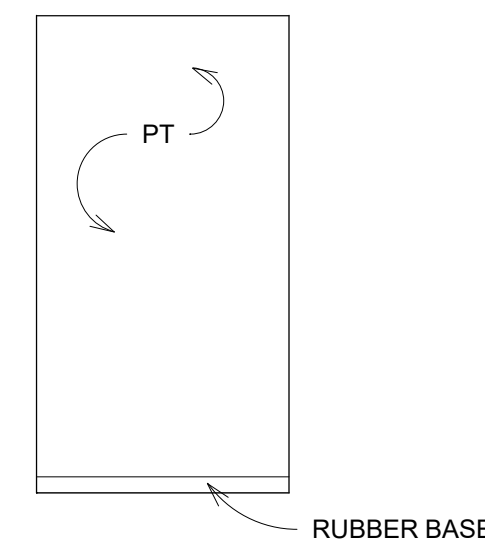
5 RECEPTION A  
1/4" = 1'-0"



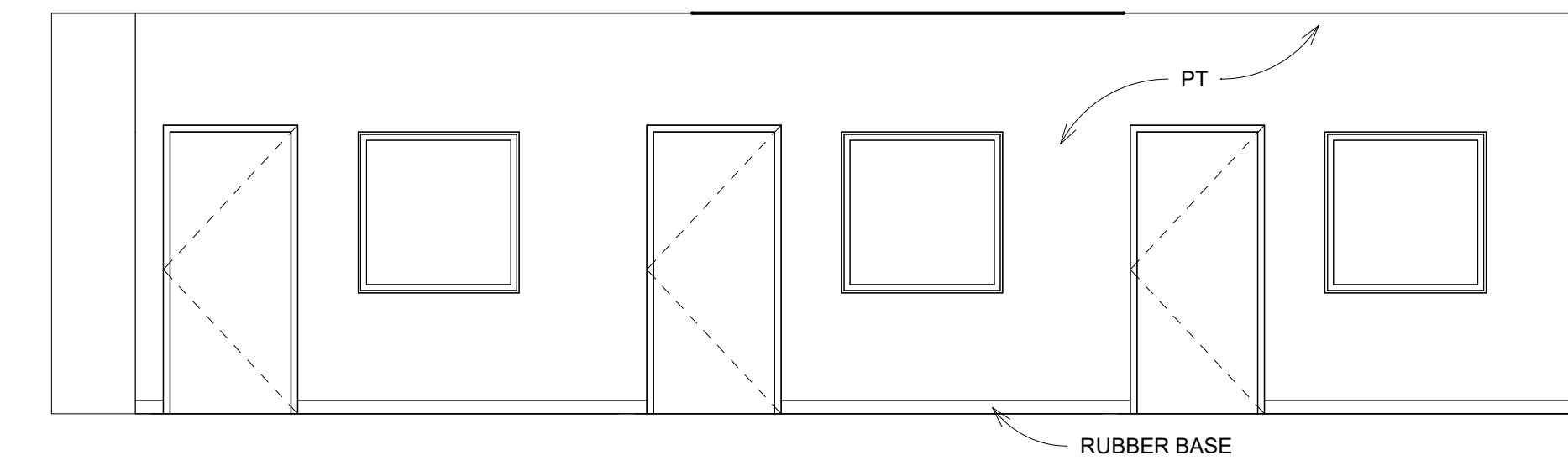
6 RECEPTION B  
1/4" = 1'-0"



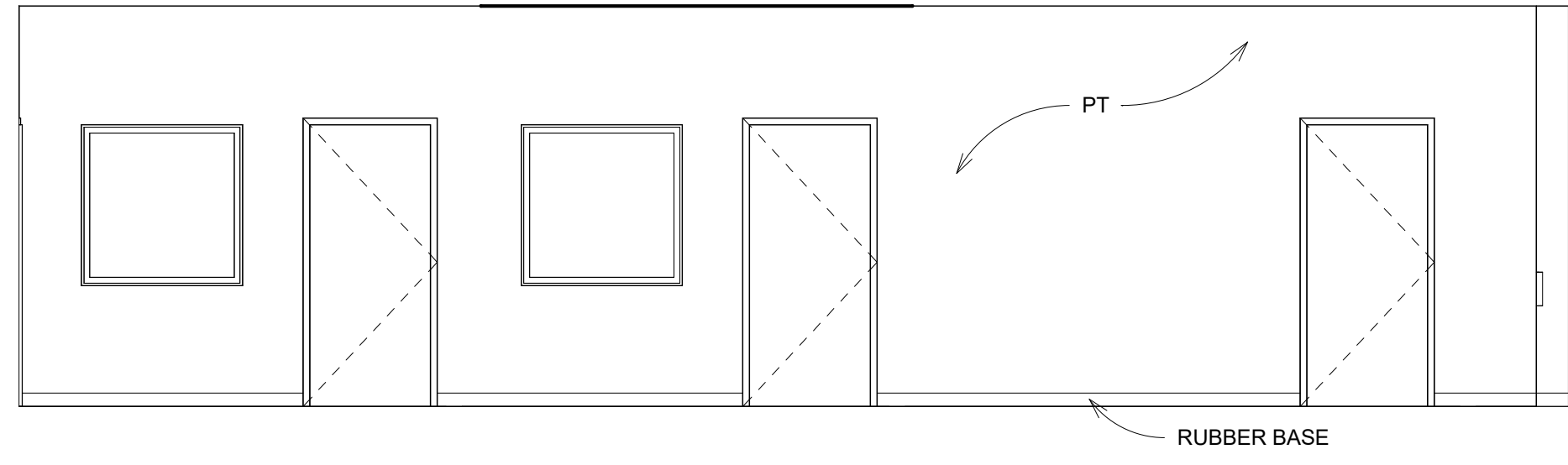
7 RECEPTION C  
1/4" = 1'-0"



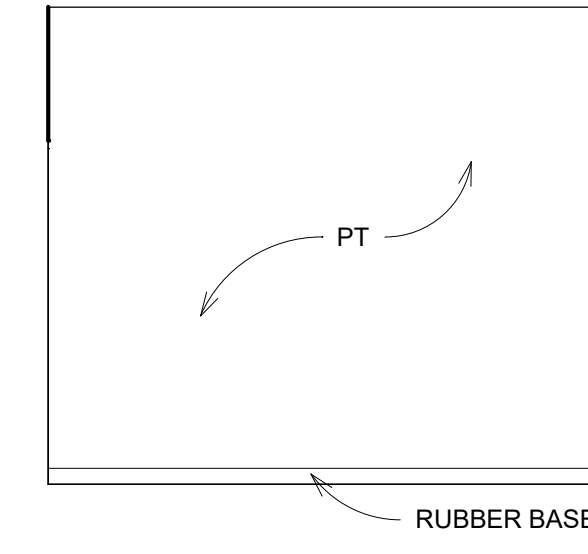
8 RECEPTION D  
1/4" = 1'-0"



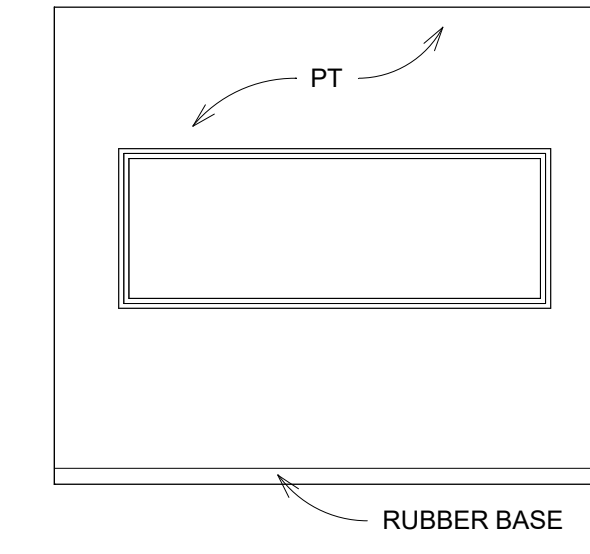
9 CORR 7A  
1/4" = 1'-0"



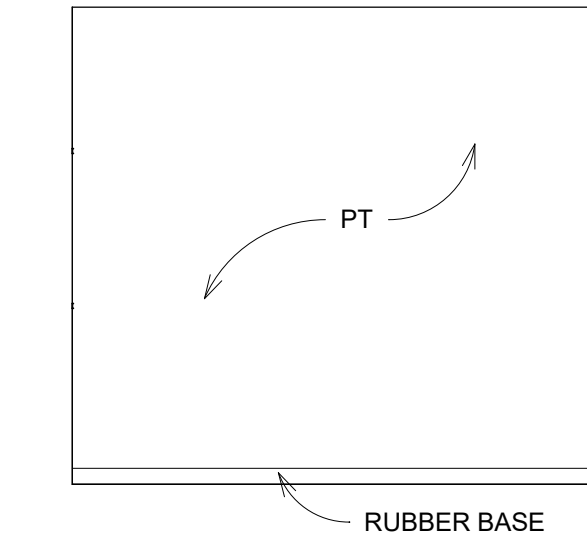
10 CORR 7B  
1/4" = 1'-0"



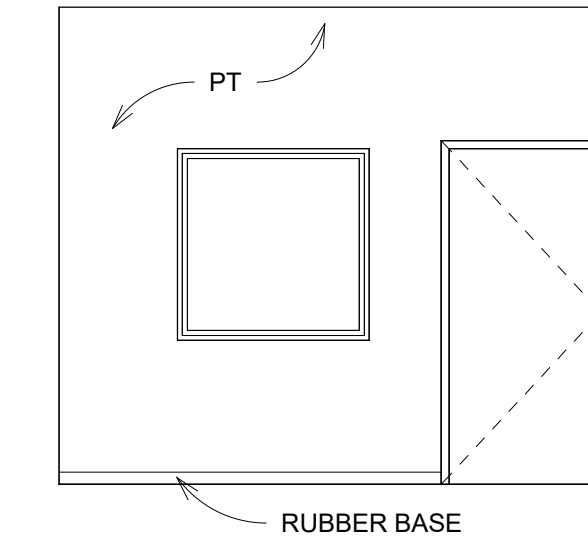
11 OFFICE 1A  
1/4" = 1'-0"



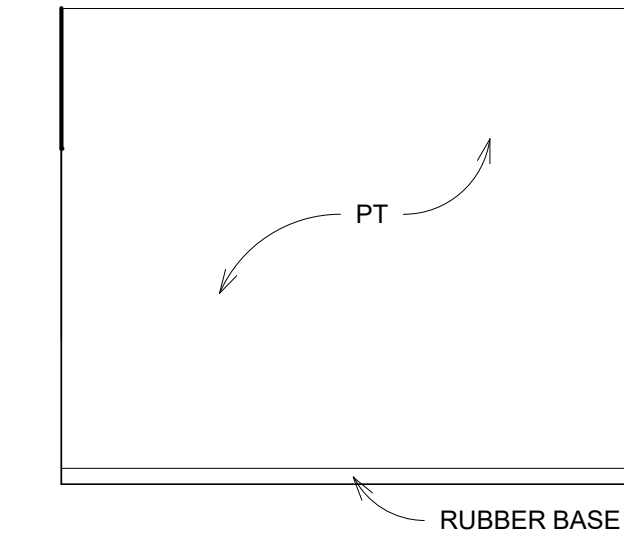
12 OFFICE 1B  
1/4" = 1'-0"



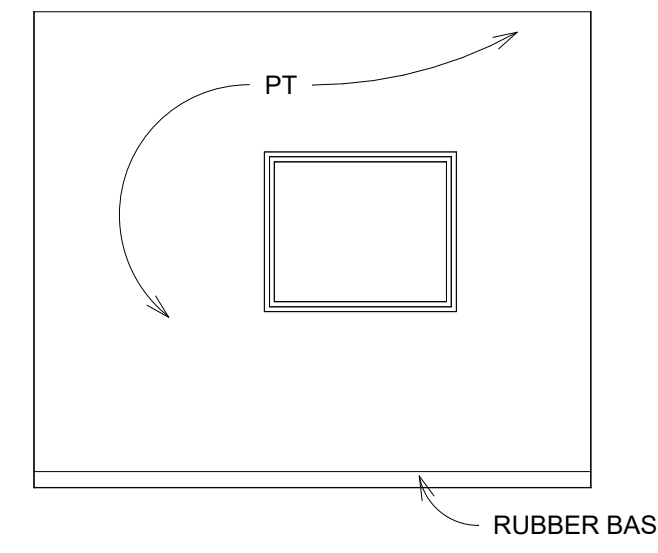
13 OFFICE 1C  
1/4" = 1'-0"



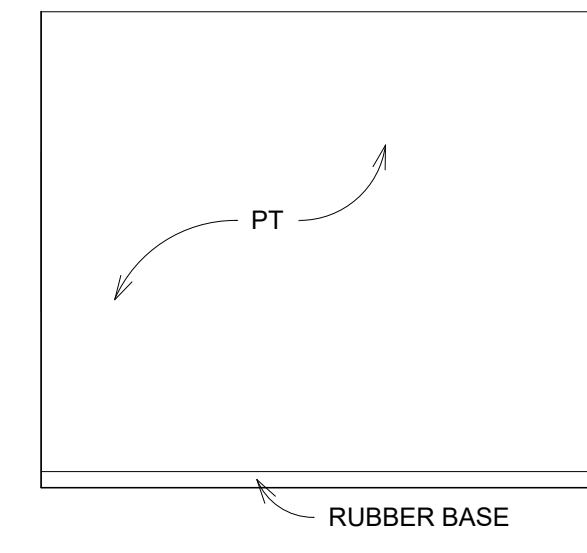
14 OFFICE 1D  
1/4" = 1'-0"



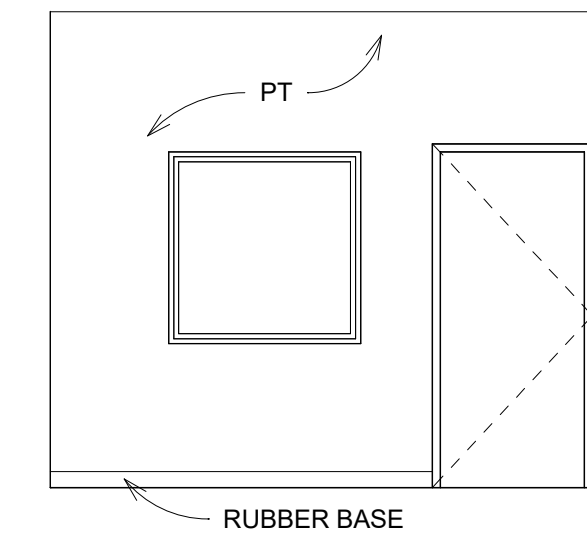
15 OFFICE 2A  
1/4" = 1'-0"



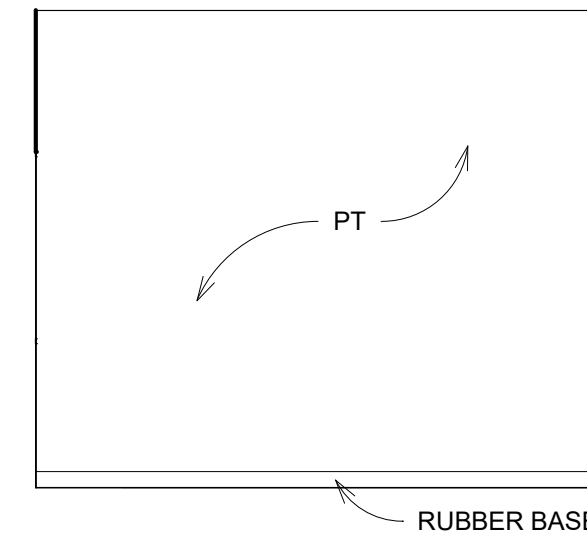
16 OFFICE 2B  
1/4" = 1'-0"



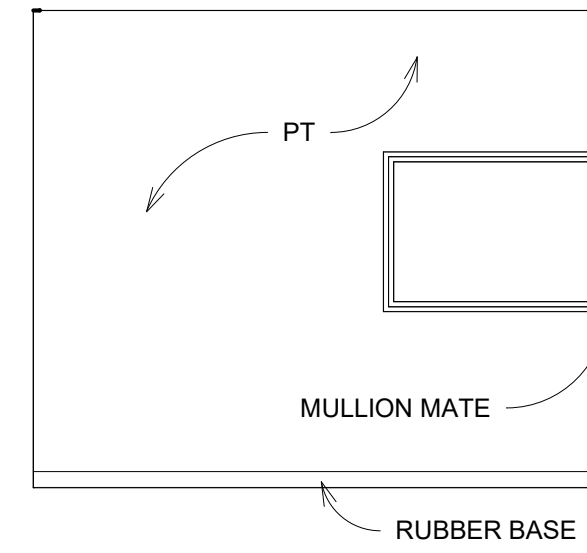
17 OFFICE 2C  
1/4" = 1'-0"



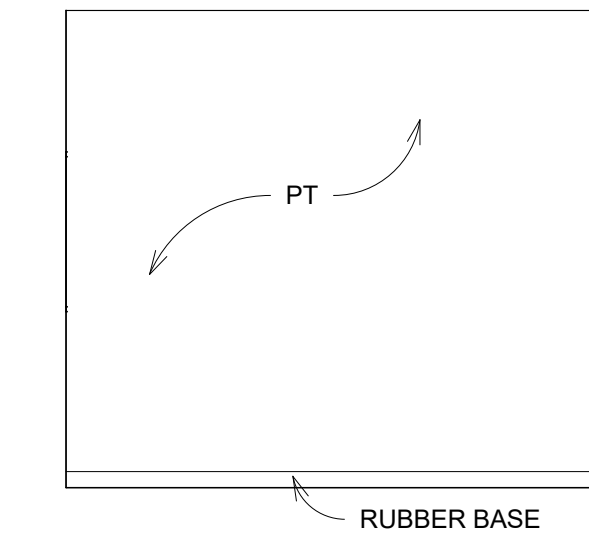
18 OFFICE 2D  
1/4" = 1'-0"



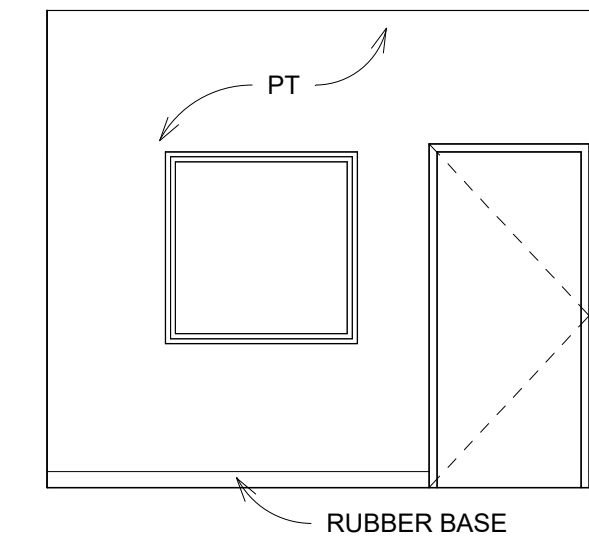
19 OFFICE 3A  
1/4" = 1'-0"



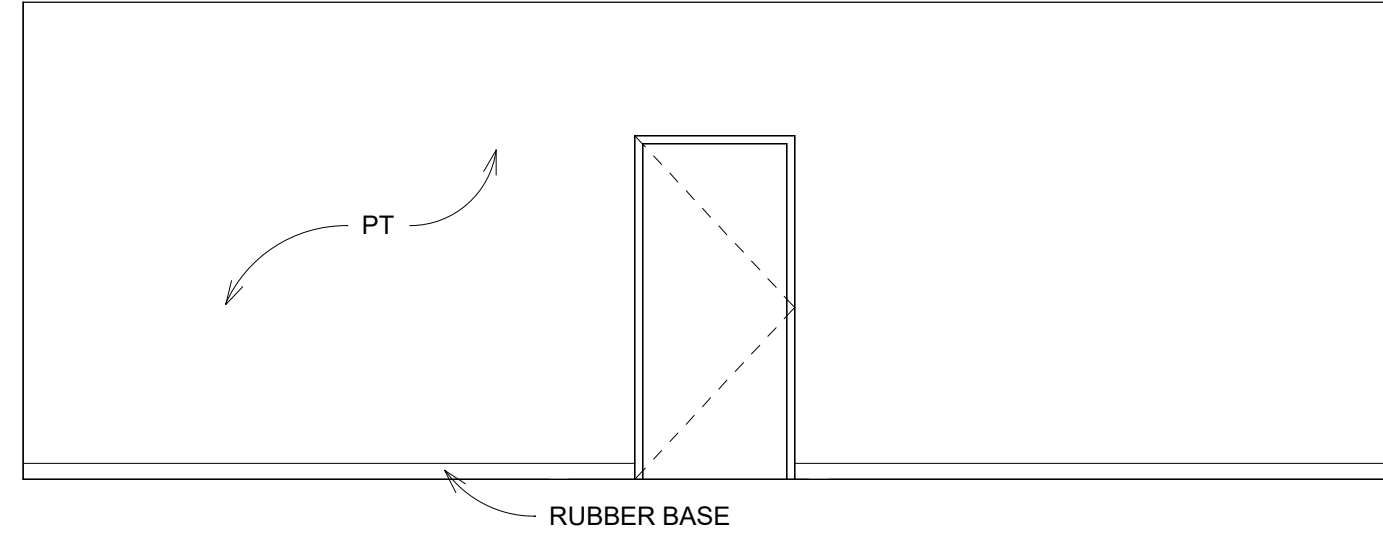
20 OFFICE 3B  
1/4" = 1'-0"



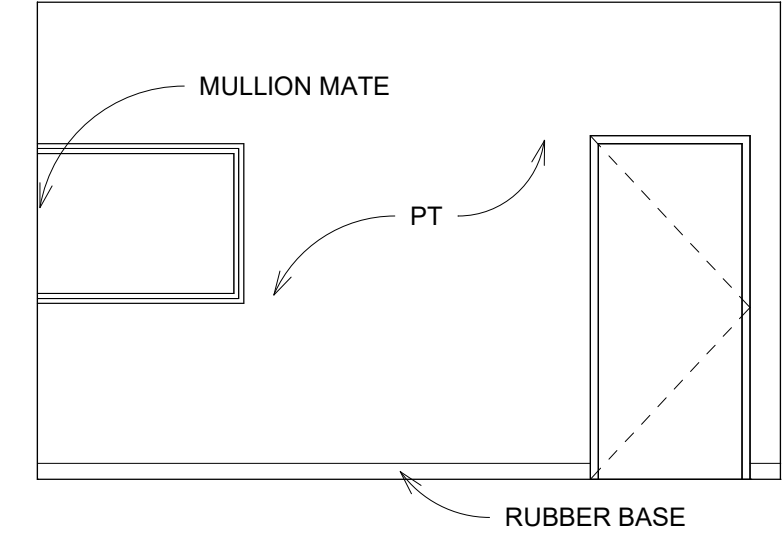
21 OFFICE 3C  
1/4" = 1'-0"



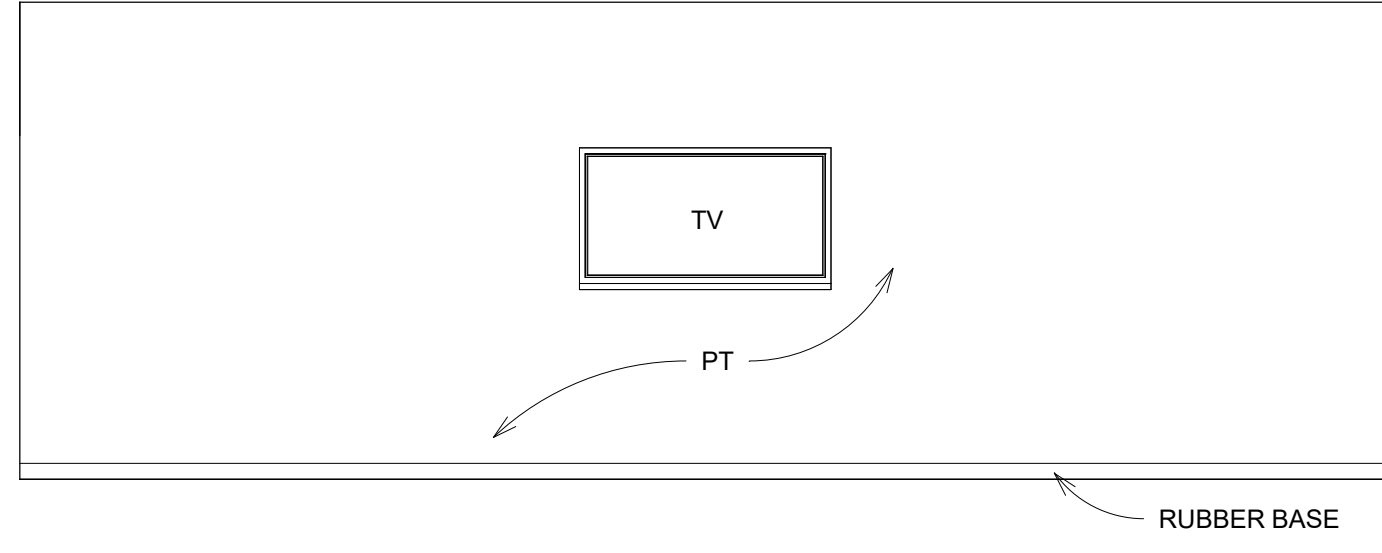
22 OFFICE 3D  
1/4" = 1'-0"



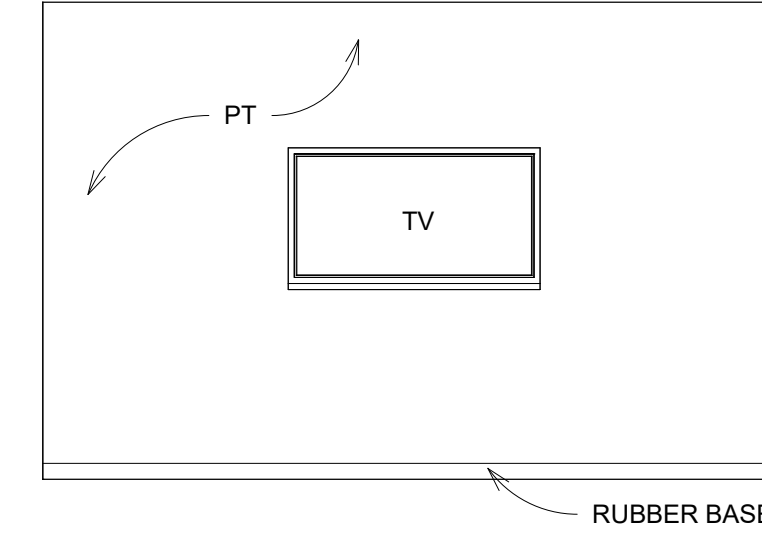
23 CONFERENCE A  
1/4" = 1'-0"



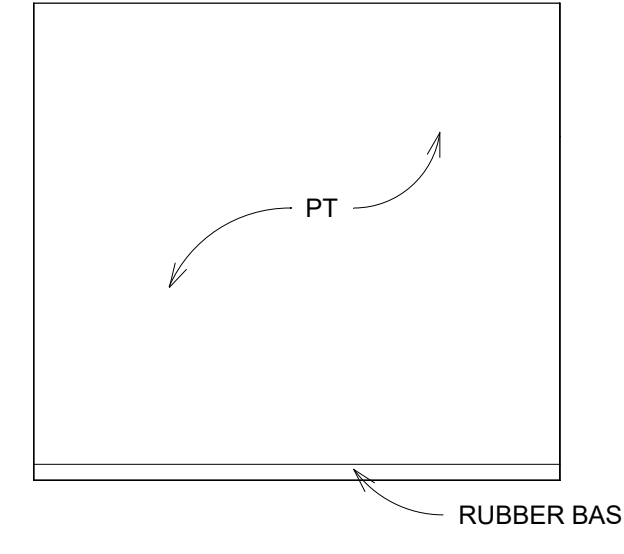
24 CONFERENCE B  
1/4" = 1'-0"



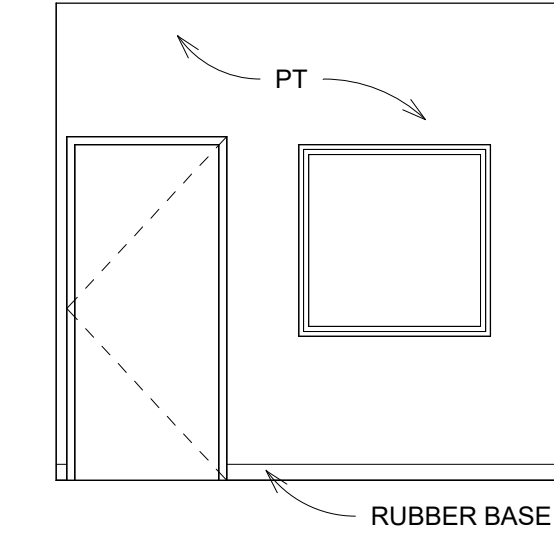
25 CONFERENCE C  
1/4" = 1'-0"



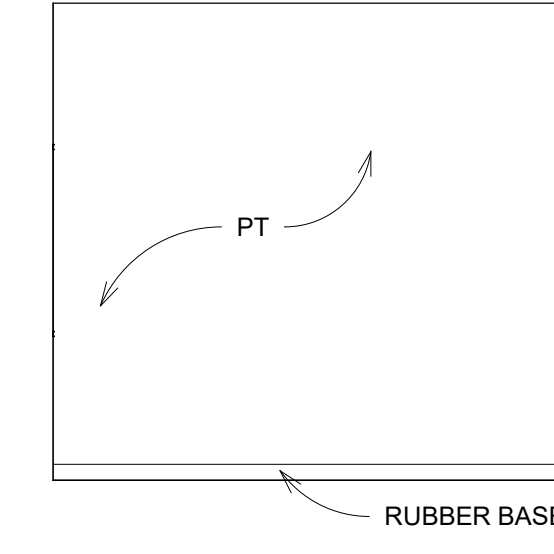
26 CONFERENCE D  
1/4" = 1'-0"



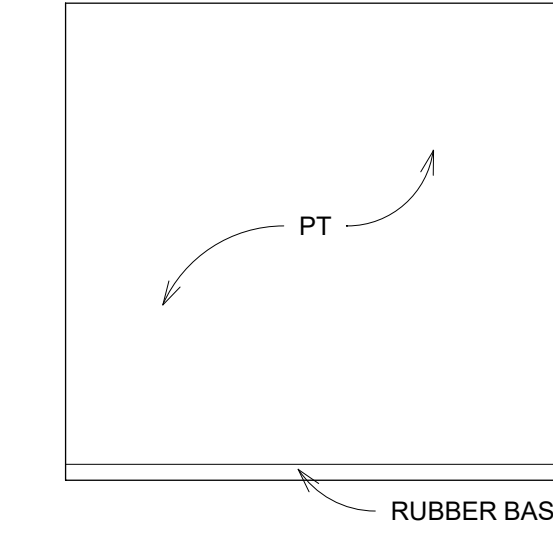
27 OFFICE 4A  
 1/4" = 1'-0"



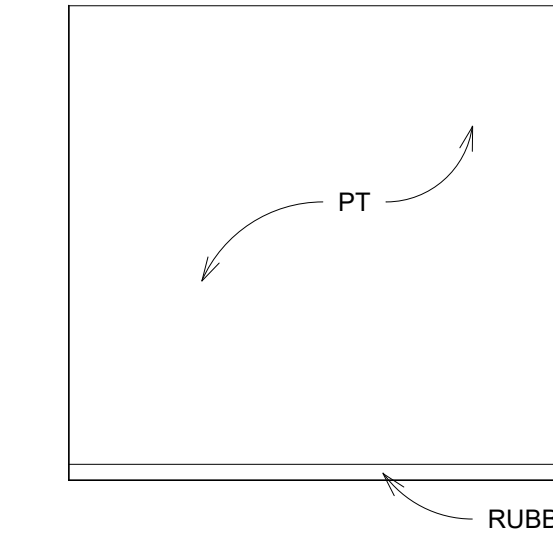
28 OFFICE 4B  
 1/4" = 1'-0"



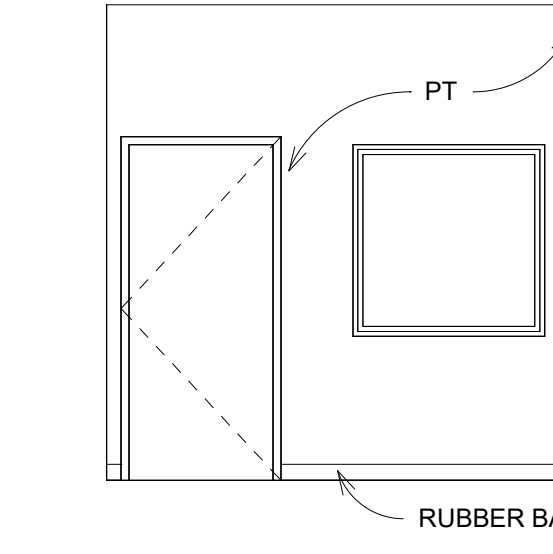
29 OFFICE 4C  
 1/4" = 1'-0"



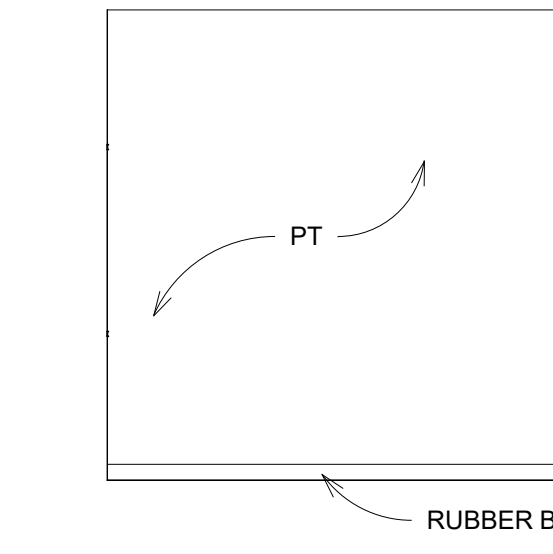
30 OFFICE 4D  
 1/4" = 1'-0"



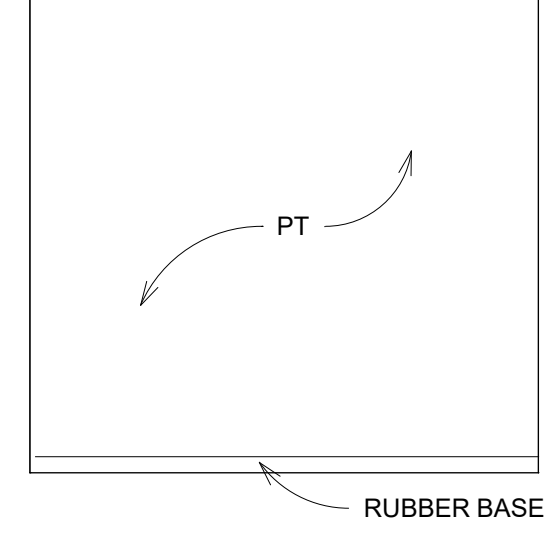
31 OFFICE 5A  
 1/4" = 1'-0"



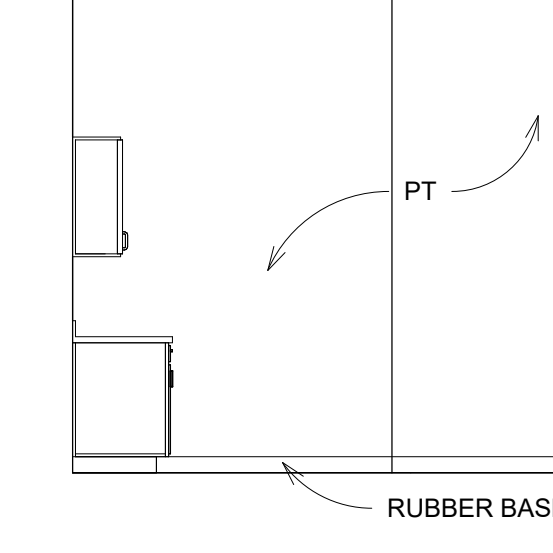
32 OFFICE 5B  
 1/4" = 1'-0"



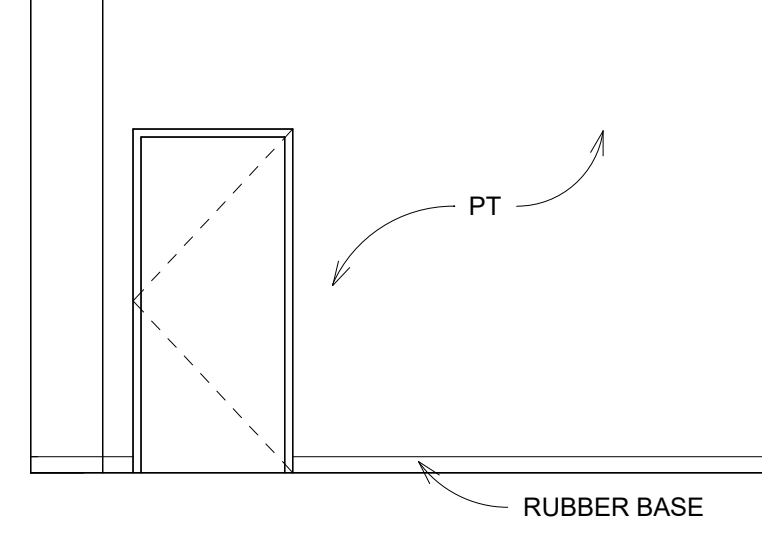
33 OFFICE 5C  
 1/4" = 1'-0"



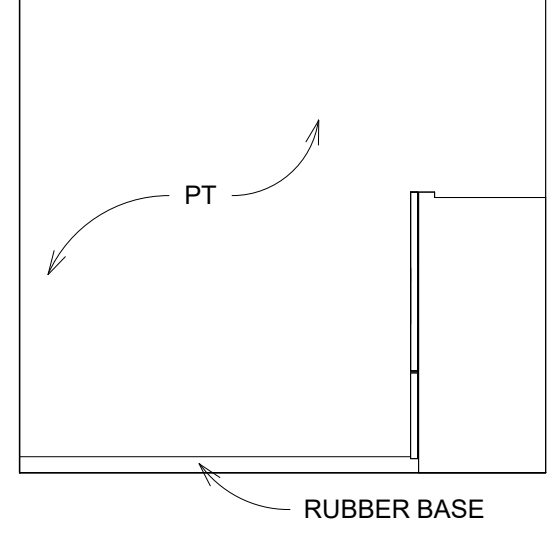
34 OFFICE 5D  
 1/4" = 1'-0"



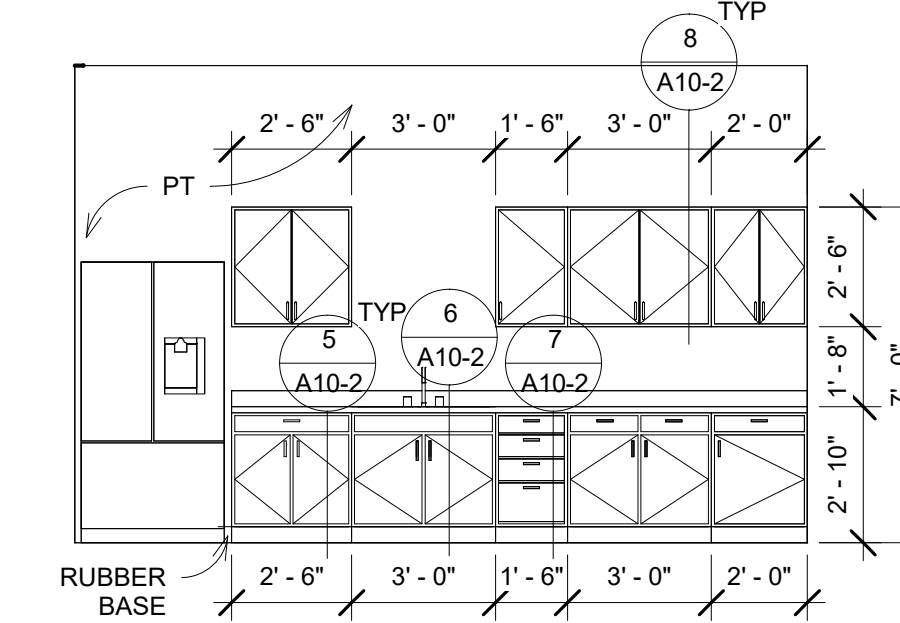
35 BREAK RM A  
 1/4" = 1'-0"



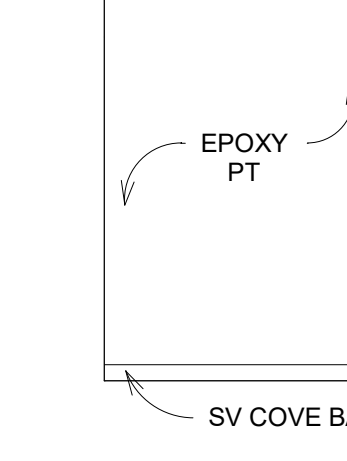
36 BREAK RM B  
 1/4" = 1'-0"



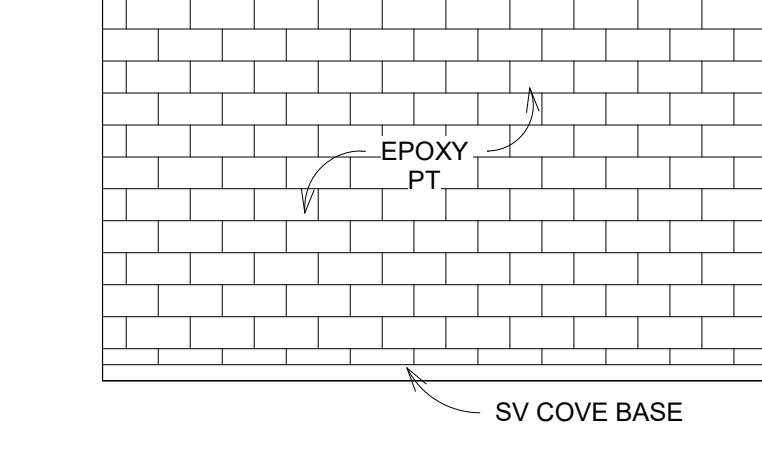
37 BREAK RM C  
 1/4" = 1'-0"



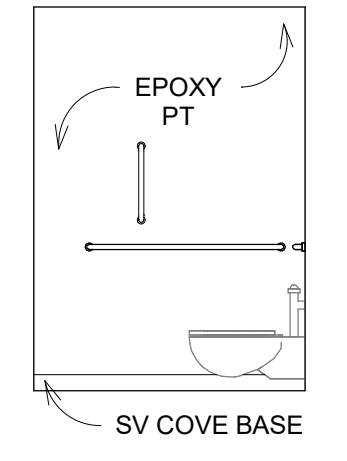
38 BREAK RM D  
 1/4" = 1'-0"



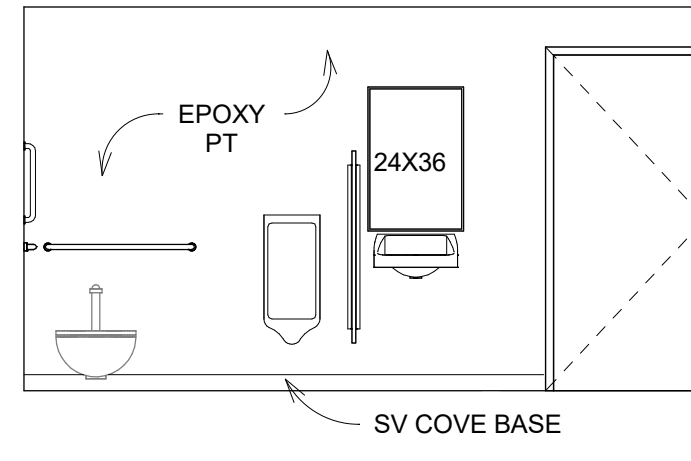
39 RR 11A  
 1/4" = 1'-0"



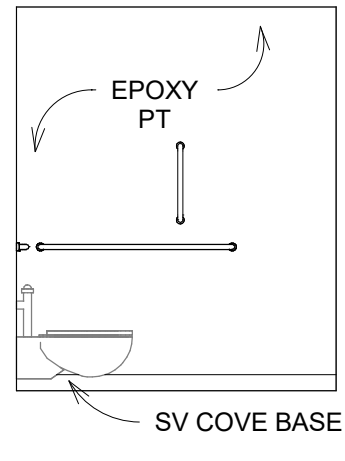
40 RR 11B  
 1/4" = 1'-0"



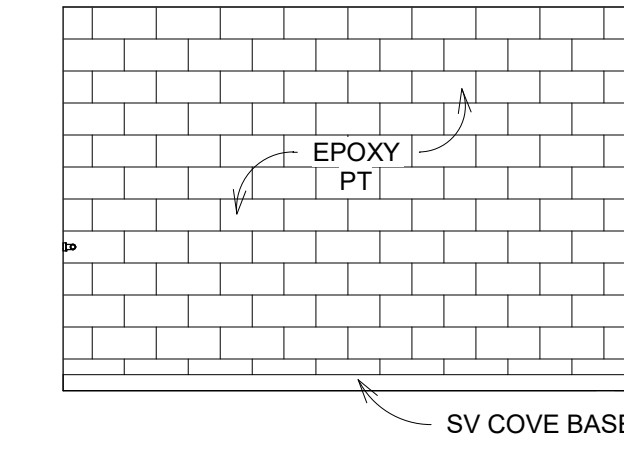
41 RR 11C  
 1/4" = 1'-0"



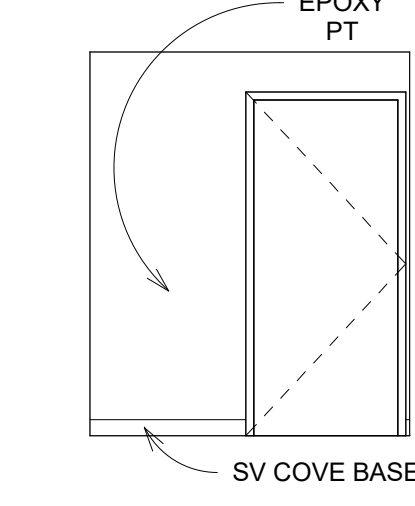
42 RR 11D  
 1/4" = 1'-0"



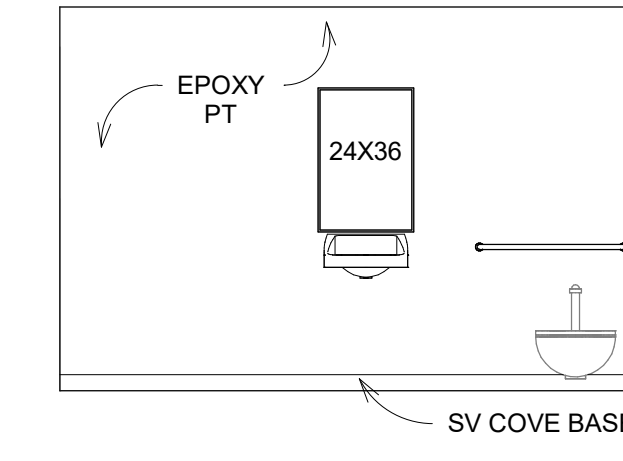
43 RR 13A  
 1/4" = 1'-0"



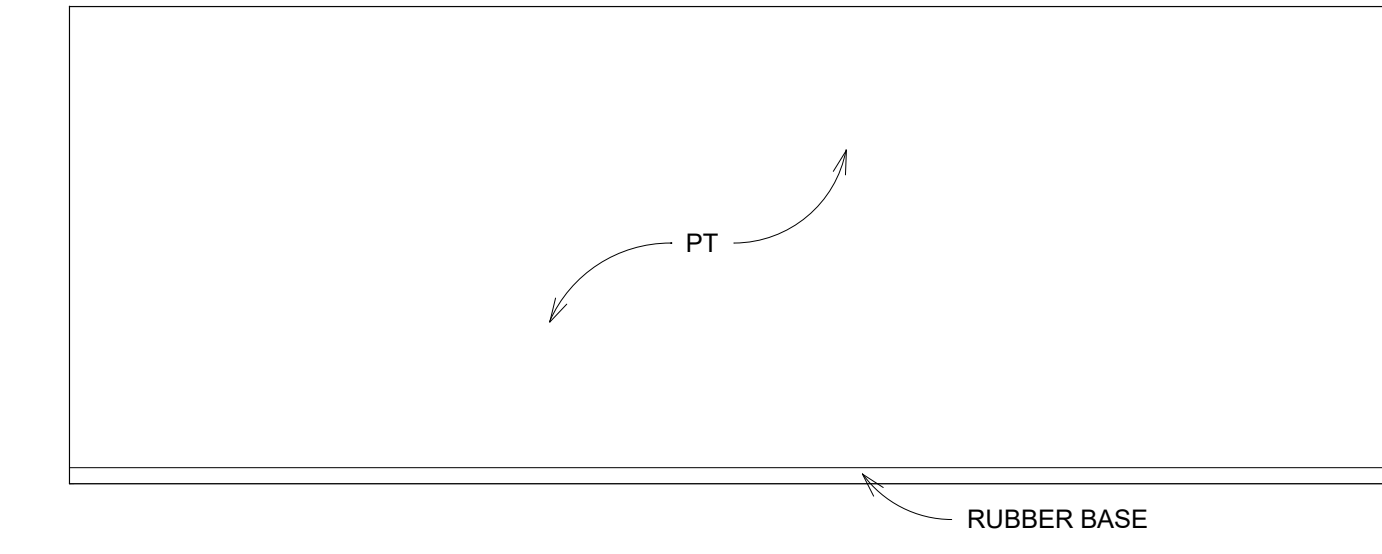
44 RR 13B  
 1/4" = 1'-0"



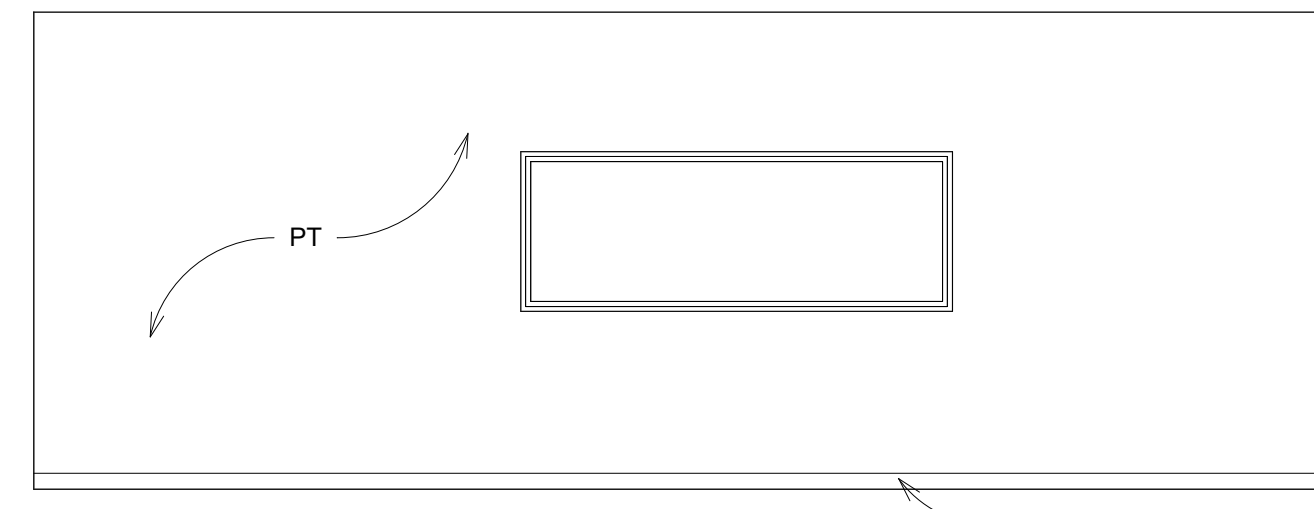
45 RR 13C  
 1/4" = 1'-0"



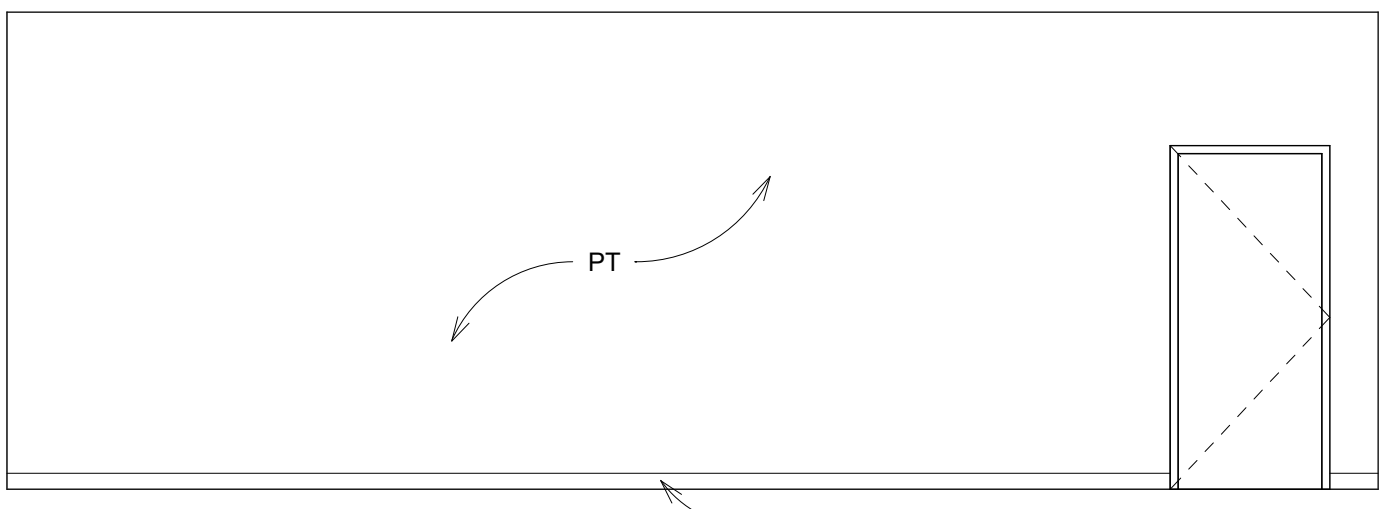
46 RR 13D  
 1/4" = 1'-0"



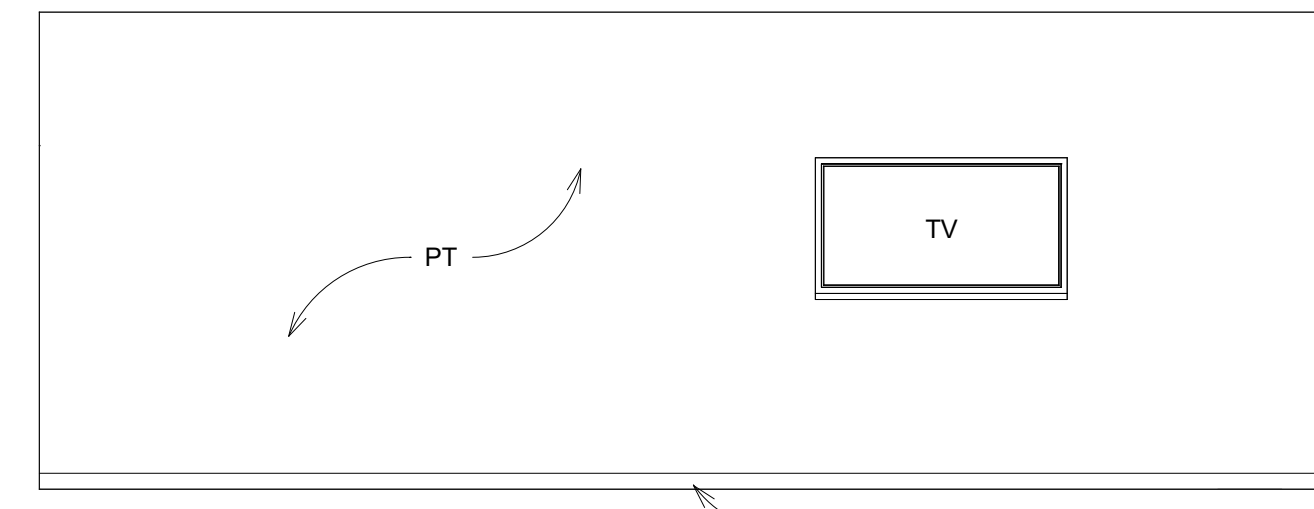
47 OPEN OFFICE A  
 1/4" = 1'-0"



48 OPEN OFFICE B  
 1/4" = 1'-0"



49 OPEN OFFICE C  
 1/4" = 1'-0"



50 OPEN OFFICE D  
 1/4" = 1'-0"

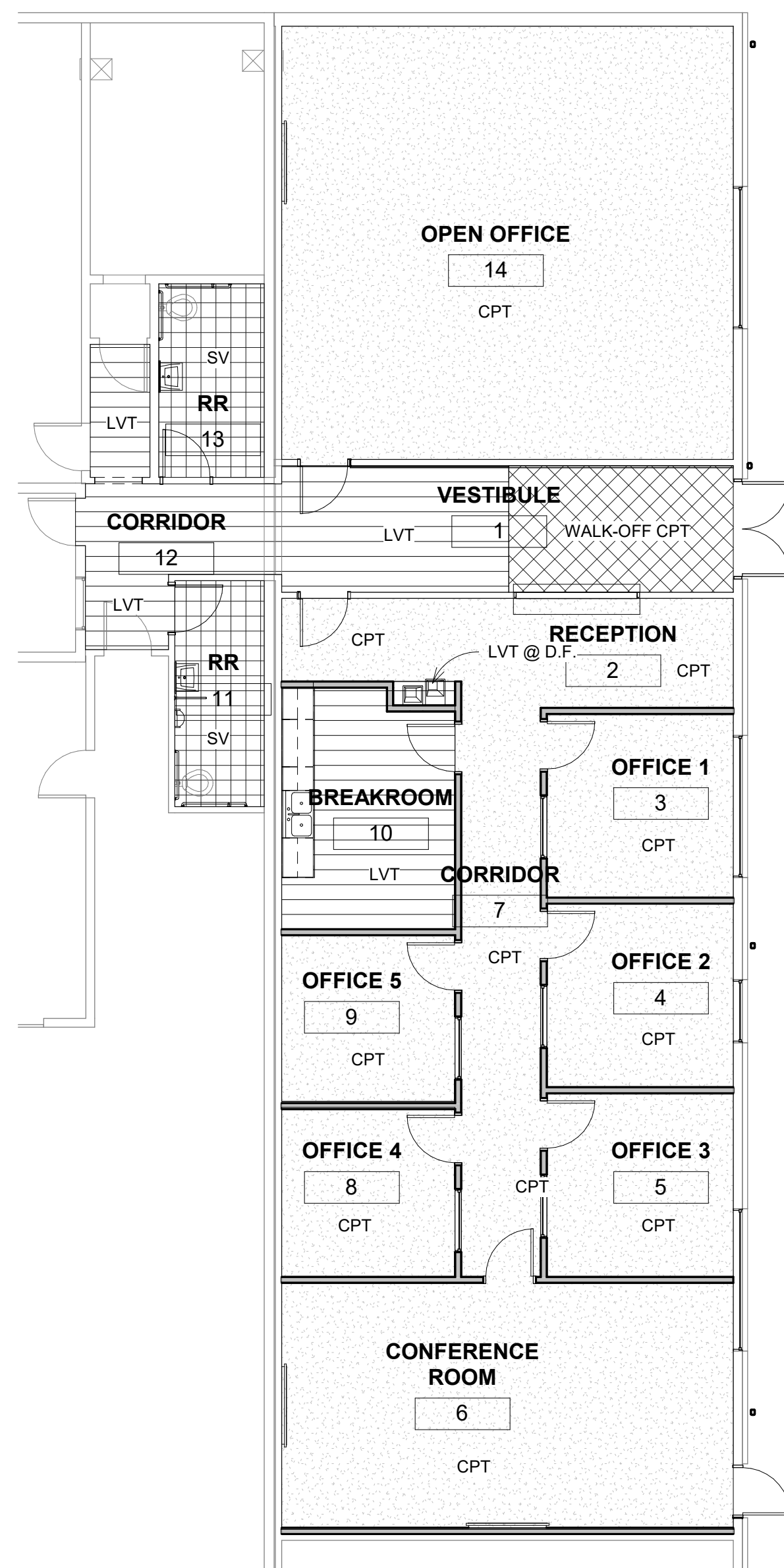


Door Schedule													
DOOR	ROOM	EL	Width	Height	Thick ness	DOOR			DOOR LATCH	FRAME		Door Glass	Comments
						Material	Finish	Accessories		Material	Finish		
1	VESTIBULE	b	3'-0"	7'-0"	2"	ALUMINUM STOREFRONT	FF	WEATHER-STRIP/ THRESHOLD / CLOSER / CONTINUOUS HINGES / PANIC HARDWARE	ENTRY	ALUMINUM	FF	SFGL	PAIR
2	RECEPTION	c	3'-0"	7'-0"	1 3/4"	S.C. WOOD	FF		CLASSROOM	HM	FF	SFGL	
3	OFFICE 1	d	3'-0"	7'-0"	1 3/4"	S.C. WOOD	FF		CLASSROOM	HM	FF	SFGL	
4	OFFICE 2	d	3'-0"	7'-0"	1 3/4"	S.C. WOOD	FF		CLASSROOM	HM	FF	SFGL	
5	OFFICE 3	d	3'-0"	7'-0"	1 3/4"	S.C. WOOD	FF		CLASSROOM	HM	FF	SFGL	
6	CONFERENCE ROOM	c	3'-0"	7'-0"	1 3/4"	S.C. WOOD	FF		CLASSROOM	HM	FF	SFGL	
7	CONFERENCE ROOM	a	3'-0"	7'-0"	1 3/4"	HM	PT	WEATHER-STRIP/ THRESHOLD / CLOSER / CONTINUOUS HINGES / PANIC HARDWARE	CLASSROOM	HM	FF	NONE	
8	OFFICE 4	d	3'-0"	7'-0"	1 3/4"	S.C. WOOD	FF		CLASSROOM	HM	FF	SFGL	
9	OFFICE 5	d	3'-0"	7'-0"	1 3/4"	S.C. WOOD	FF		CLASSROOM	HM	FF	SFGL	
10	BREAKROOM	d	3'-0"	7'-0"	1 3/4"	S.C. WOOD	FF		CLASSROOM	HM	FF	SFGL	
11	RR	a	3'-0"	7'-0"	1 3/4"	S.C. WOOD	FF	CLOSER	PRIVACY	HM	FF	NONE	
12	RR	a	3'-0"	7'-0"	1 3/4"	S.C. WOOD	FF	CLOSER	PRIVACY	HM	FF	NONE	
13	OPEN OFFICE	c	3'-0"	7'-0"	1 3/4"	S.C. WOOD	FF		CLASSROOM	HM	FF	SFGL	
14	--	--	14'-0"	14'-0"	1 1/2"	STEEL	FF	PER MANUF. / ELECTRIC OPERATOR	PER MANUF.	STEEL	PT	SFGL	WAYNE DALTON THERMOMARK 5150
15	--	--	10'-0"	8'-0"	1 1/2"	STEEL	FF	PER MANUF. / ELECTRIC OPERATOR	PER MANUF.	STEEL	PT	SFGL	WAYNE DALTON THERMOMARK 5150

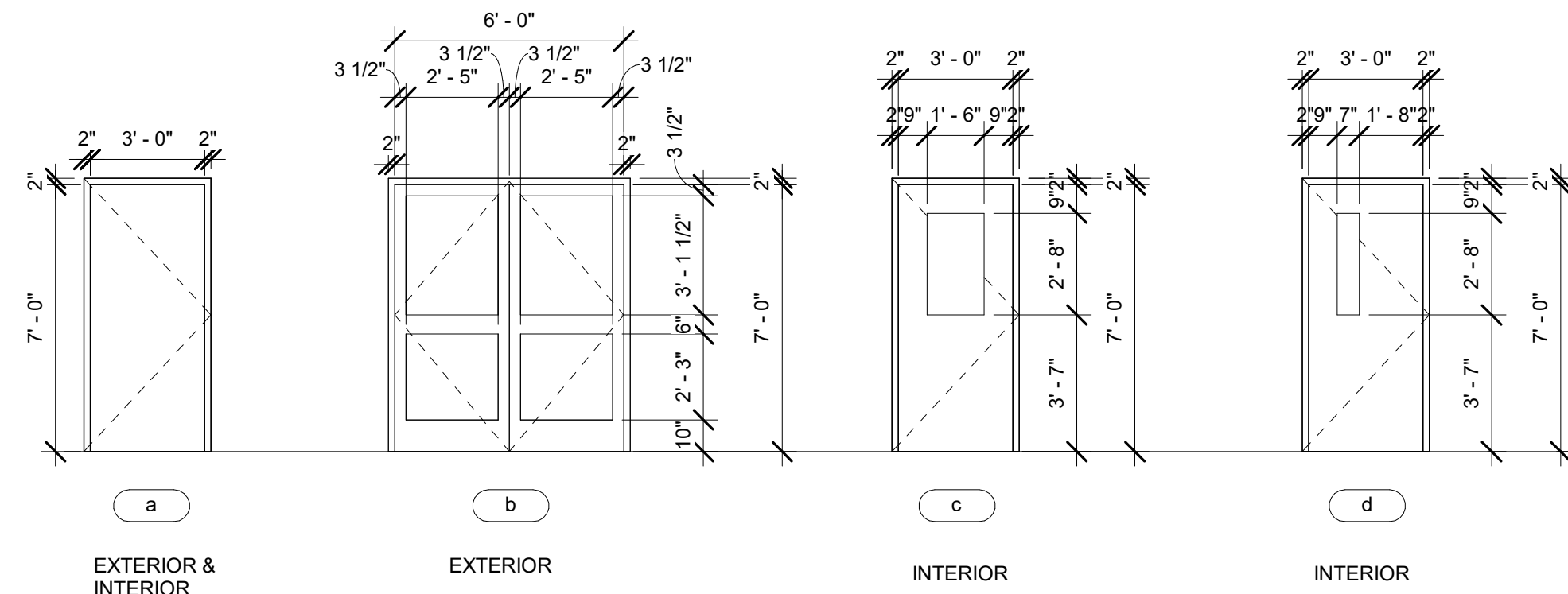
**DOOR LATCH KEY**

- CLASSROOM:** LEVER. DOOR CAN BE LOCKED FROM THE INSIDE. LEVER ALWAYS OPENS FROM THE INSIDE.
- ENTRY:** LEVER. KEY REQUIRED. DOOR CAN BE LOCKED FROM THE INSIDE. LEVER ALWAYS OPENS FROM THE INSIDE.
- PASSAGE:** LEVER. ALWAYS UNLOCKED. LEVER OPENS FROM EITHER SIDE.
- PRIVACY:** LEVER. DOOR CAN BE LOCKED FROM THE INSIDE. LEVER DEACTIVATES LOCK IN SINGLE MOTION.
- STORAGE:** LEVER. KEY REQUIRED. THE OUTSIDE LEVER IS ALWAYS LOCKED. LEVER ALWAYS OPENS FROM THE INSIDE.

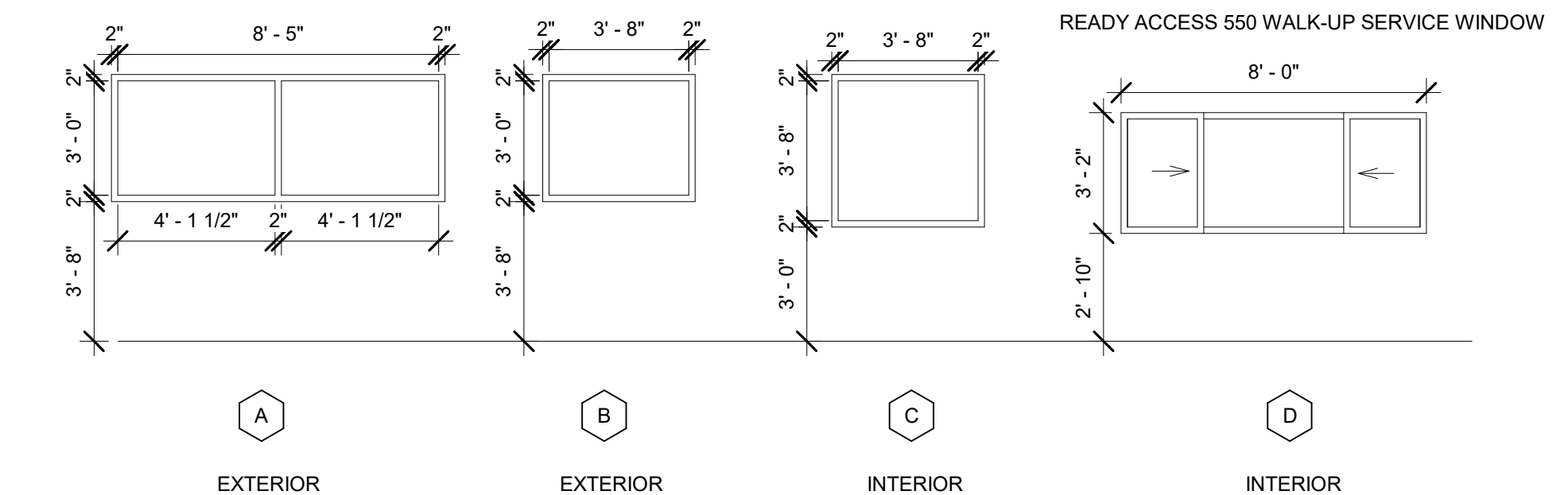
- A** ALUMINUM STOREFRONT
- B** ALUMINUM STOREFRONT
- C** HOLLOW METAL WINDOW
- D** ANODIZED ALUMINUM



1 FINISH FLOOR PLAN  
 1/8" = 1'-0"



DOOR TYPES  
 1/4" = 1'-0"



WINDOW TYPES  
 1/4" = 1'-0"

FINISH SCHEDULES USES PLAN NORTH

Room Finish Schedule														
Number	Name	Base Finish	Floor Finish	Materials				Finishes				Ceiling Material	Ceiling Finish	Remarks
				North	East	South	West	North	East	South	West			
1	VESTIBULE	4" RUBBER BASE	WALK-OFF CPT/ LVT	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	LVT @ DRINKING FOUNTAIN
2	RECEPTION	4" RUBBER BASE	CARPET	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
3	OFFICE 1	4" RUBBER BASE	CARPET	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
4	OFFICE 2	4" RUBBER BASE	CARPET	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
5	OFFICE 3	4" RUBBER BASE	CARPET	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
6	CONFERENCE ROOM	4" RUBBER BASE	CARPET	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
7	CORRIDOR	4" RUBBER BASE	CARPET	-	GYP BD	GYP BD	GYP BD	-	PT	PT	PT	GYP BD	PT	
8	OFFICE 4	4" RUBBER BASE	CARPET	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
9	OFFICE 5	4" RUBBER BASE	CARPET	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
10	BREAKROOM	4" RUBBER BASE	LVT	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
11	RR	4" COVE	SHEET VINYL	GYP BD	GYP BD	GYP BD	GYP BD	EPOXY PT	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	EPOXY PT	
12	CORRIDOR	4" RUBBER BASE	LVT	GYP BD	CMU	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	
13	RR	4" COVE	SHEET VINYL	GYP BD	CMU	GYP BD	GYP BD	EPOXY PT	EPOXY PT	EPOXY PT	EPOXY PT	GYP BD	EPOXY PT	
14	OPEN OFFICE	4" RUBBER BASE	CARPET	GYP BD	GYP BD	GYP BD	GYP BD	PT	PT	PT	PT	GYP BD	PT	

ZEPHYR PRIMER BY TAYLOR ADHESIVES SHALL BE PROVIDED UNDER ALL NEW FLOORS.

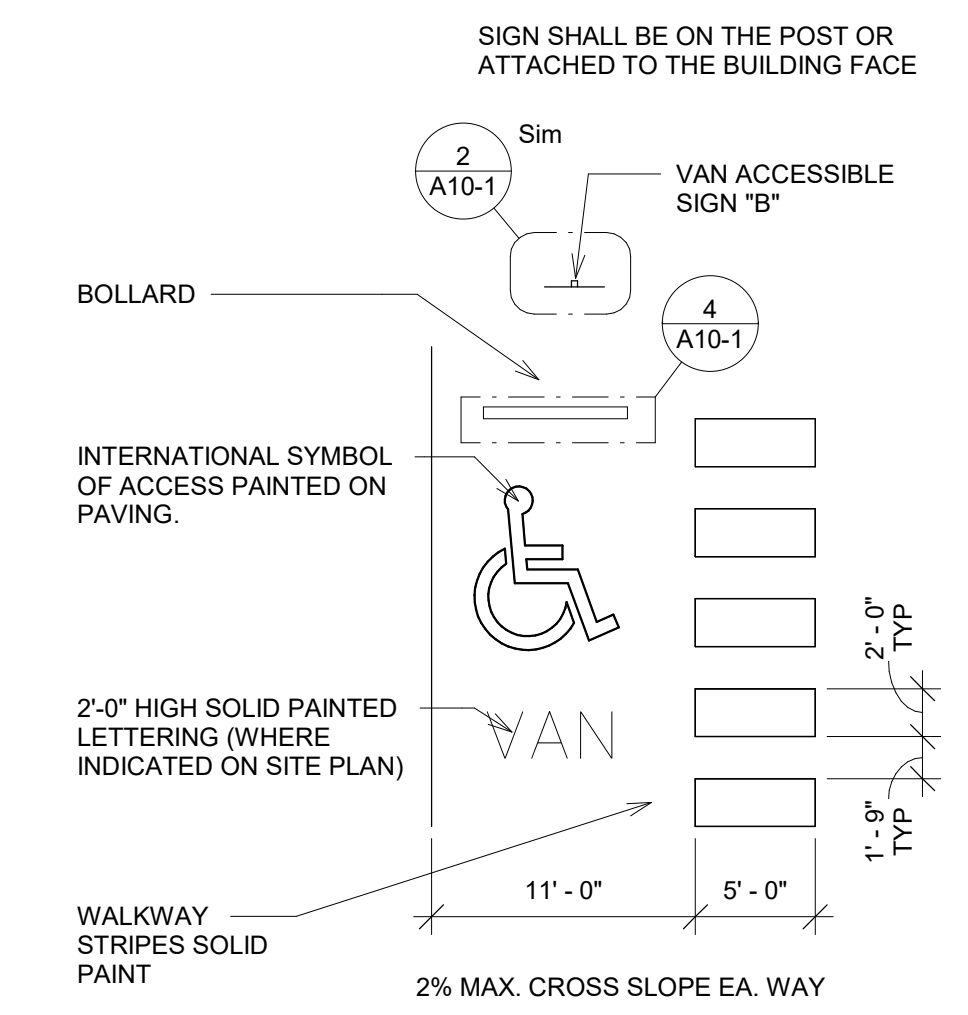
- 4" RUBBER BASE: JOHNSONITE 20 CHARCOAL
- WALK-OFF CPT: PHILADELPHIA COMMERCIAL - SUCCESSION 11 TL, AFTER DARK 00500 1/4 TURN
- CARPET (CPT): J&J - VALLEY 7501, 3473 RAVINE, 1/4 TURN
- SHEET VINYL (SV): AHF CONTRACT - COMPOSED & DISTINCT COLLECTION, DISTINCT INS2M707 DREAMY WAY
- LVT: J&J - MAKE YOUR MARK 5mm V5012, 1063 SHADOW

MODERNIZATION FOR:  
 FILER SCHOOL DISTRICT OFFICE  
 289 US-30, FILER, ID 83328  
 FINISH & DOOR SCHEDULES

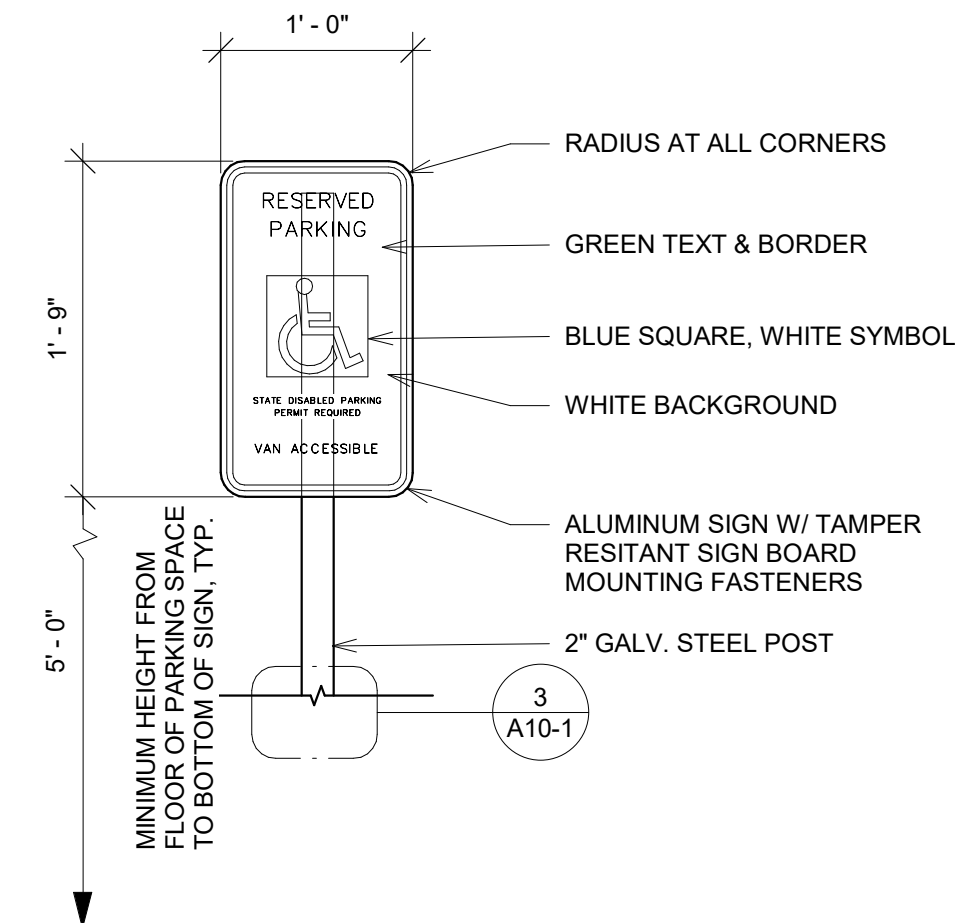
Laughlin Ricks Architecture  
 architecture/planning  
 134 3<sup>RD</sup> Ave East, # Twin Falls, Idaho 83301  
 (208) 736-8050

DATE: 10/27/2023  
 NM Drawn RCR  
 23041 Checked  
 PROJECT #

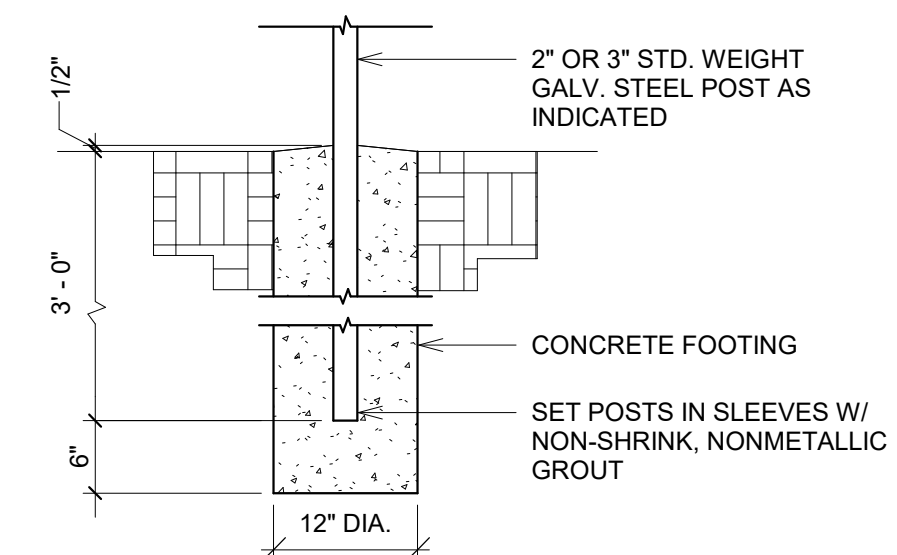
**A9-0**



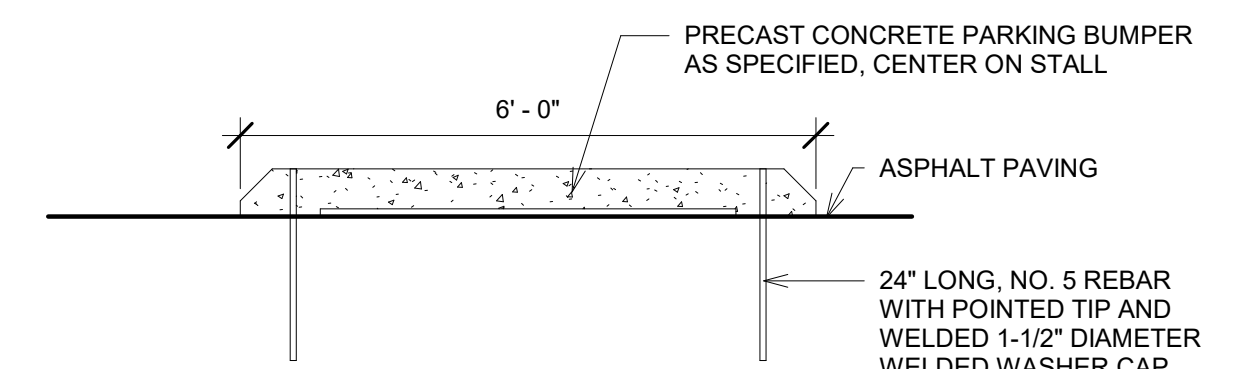
1 ACCESSIBLE PARKING STALLS  
1/8" = 1'-0"



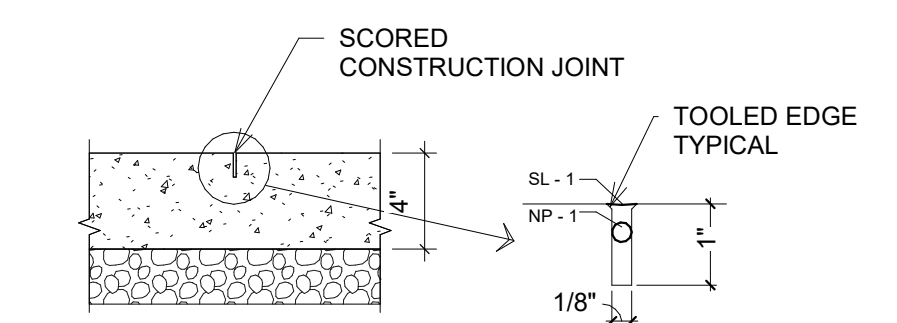
2 ACCESSIBLE PARKING SIGNS  
1" = 1'-0"



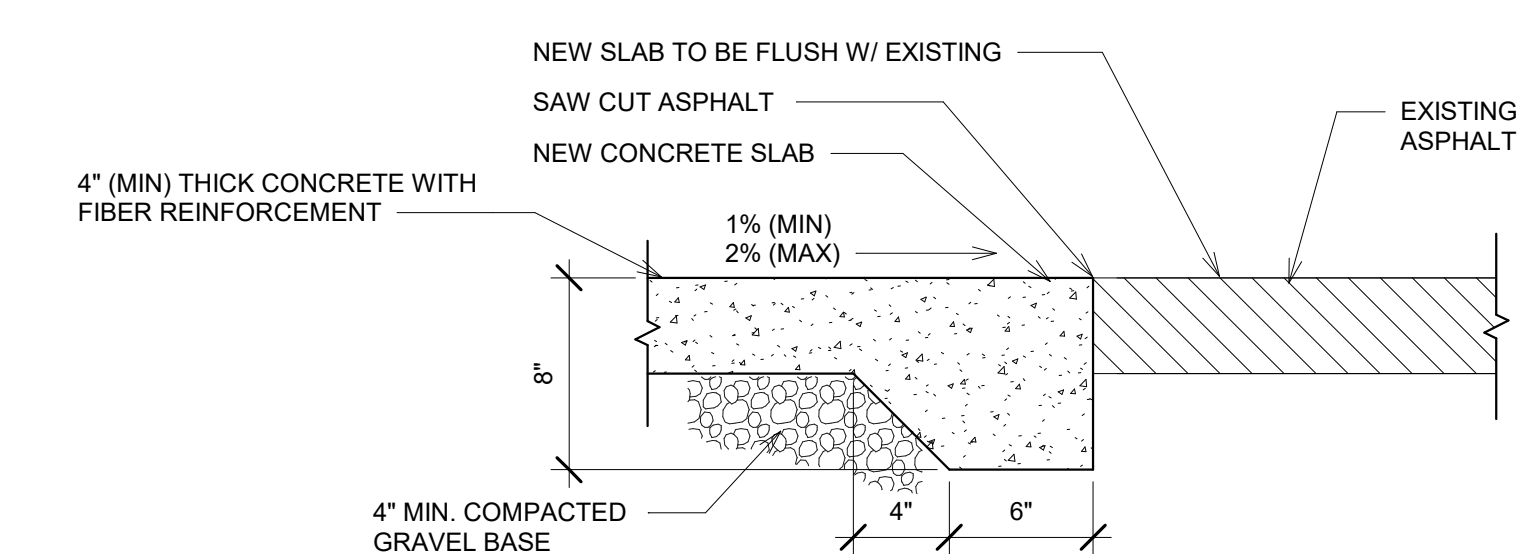
3 SIGN POST DETAIL  
3/4" = 1'-0"



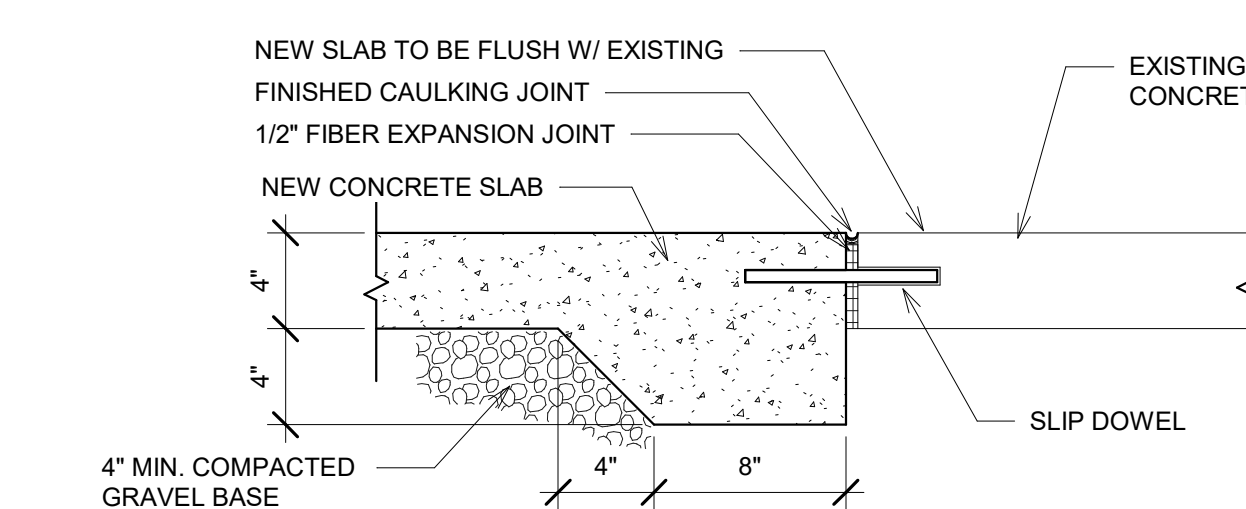
4 PRE-CAST CONC. BUMPER DETAIL  
1/2" = 1'-0"



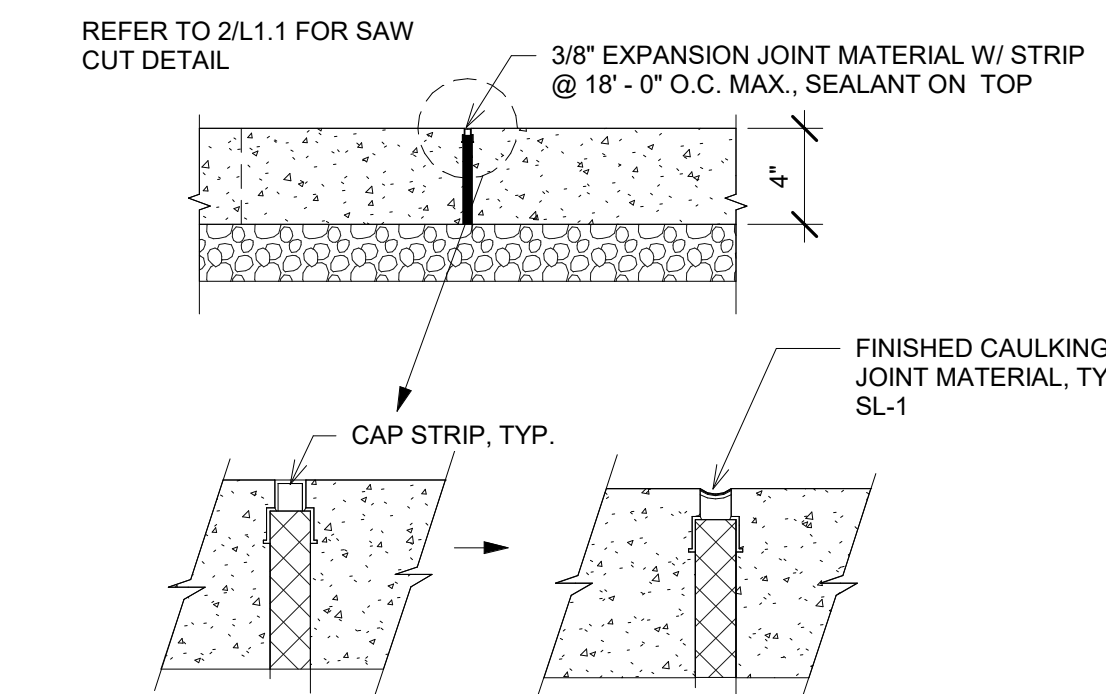
8 CONCRETE CONTROL JOINT  
1 1/2" = 1'-0"



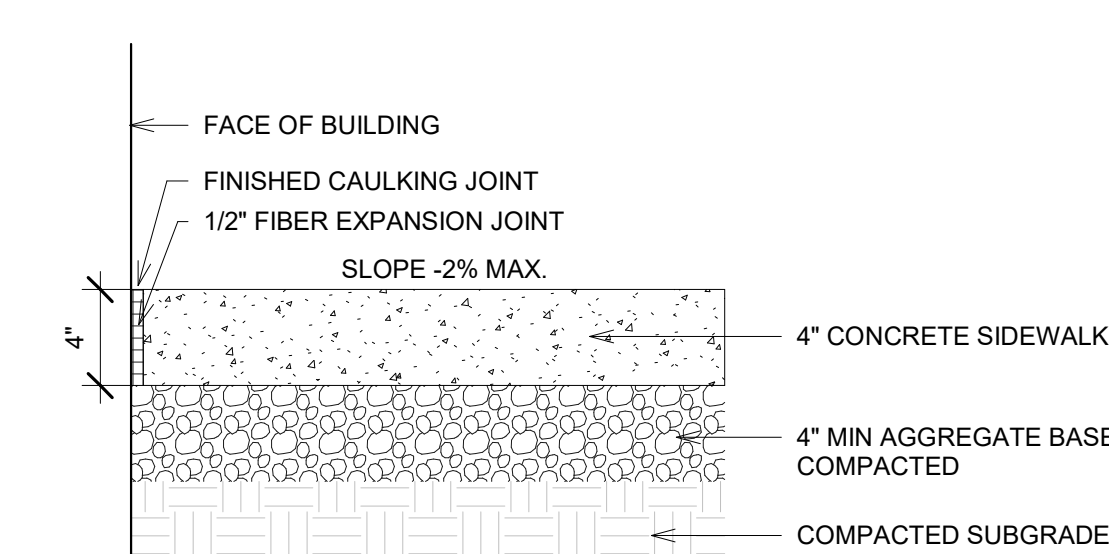
5 NEW CONCRETE TO EXISTING ASPHALT  
1 1/2" = 1'-0"



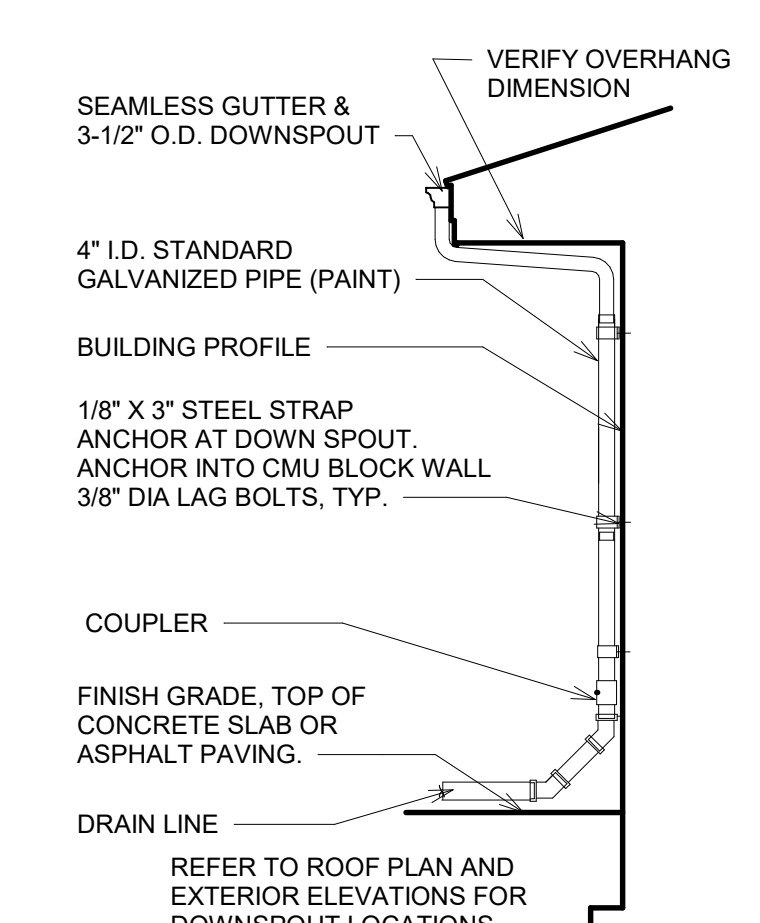
6 NEW CONCRETE TO EXISTING  
1 1/2" = 1'-0"



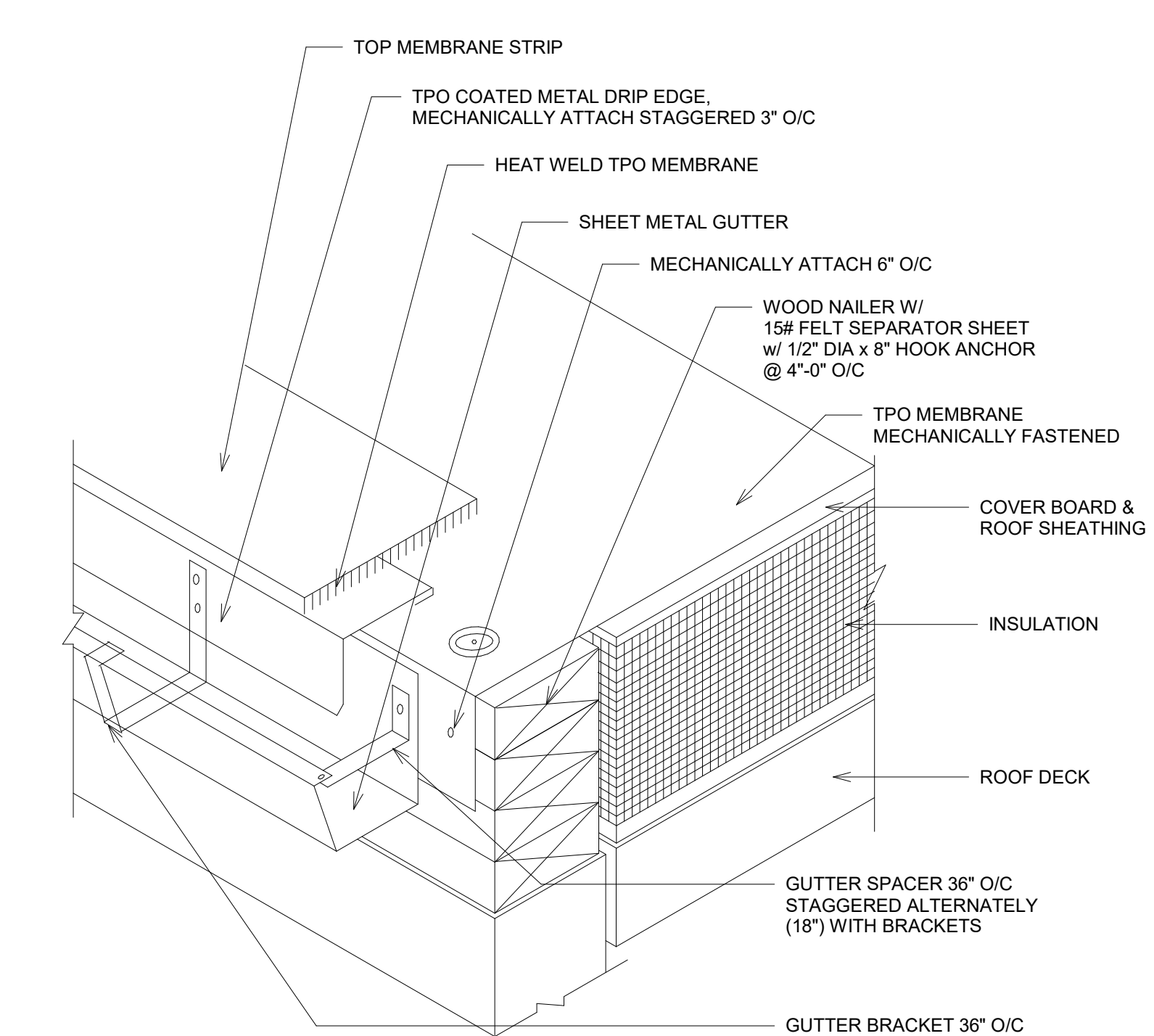
7 CONCRETE EXPANSION JOINT  
1 1/2" = 1'-0"



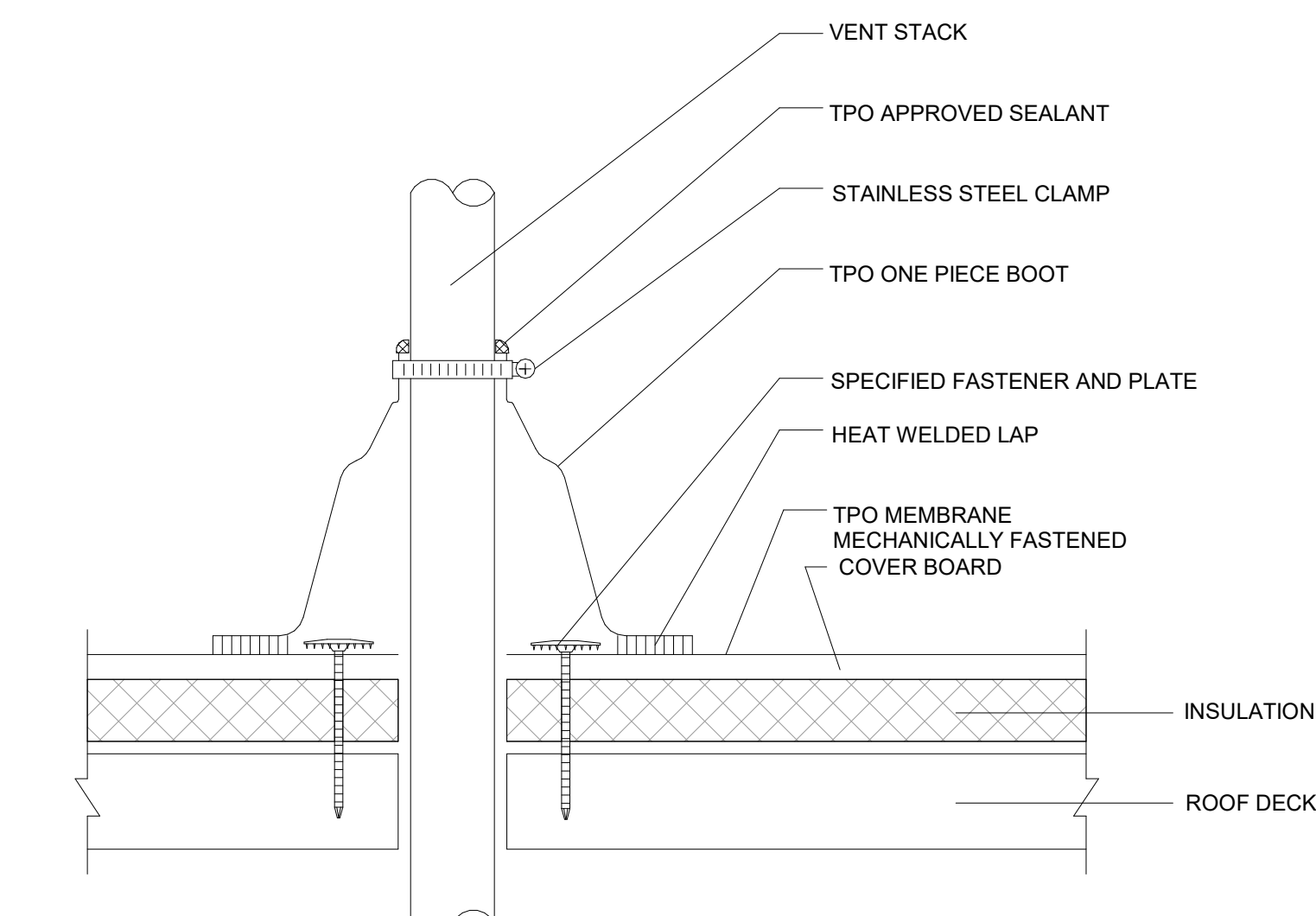
9 CONCRETE SIDEWALK TO BUILDING WALL DETAIL  
1 1/2" = 1'-0"



10 GUTTER & DOWNSPOUT  
1/4" = 1'-0"

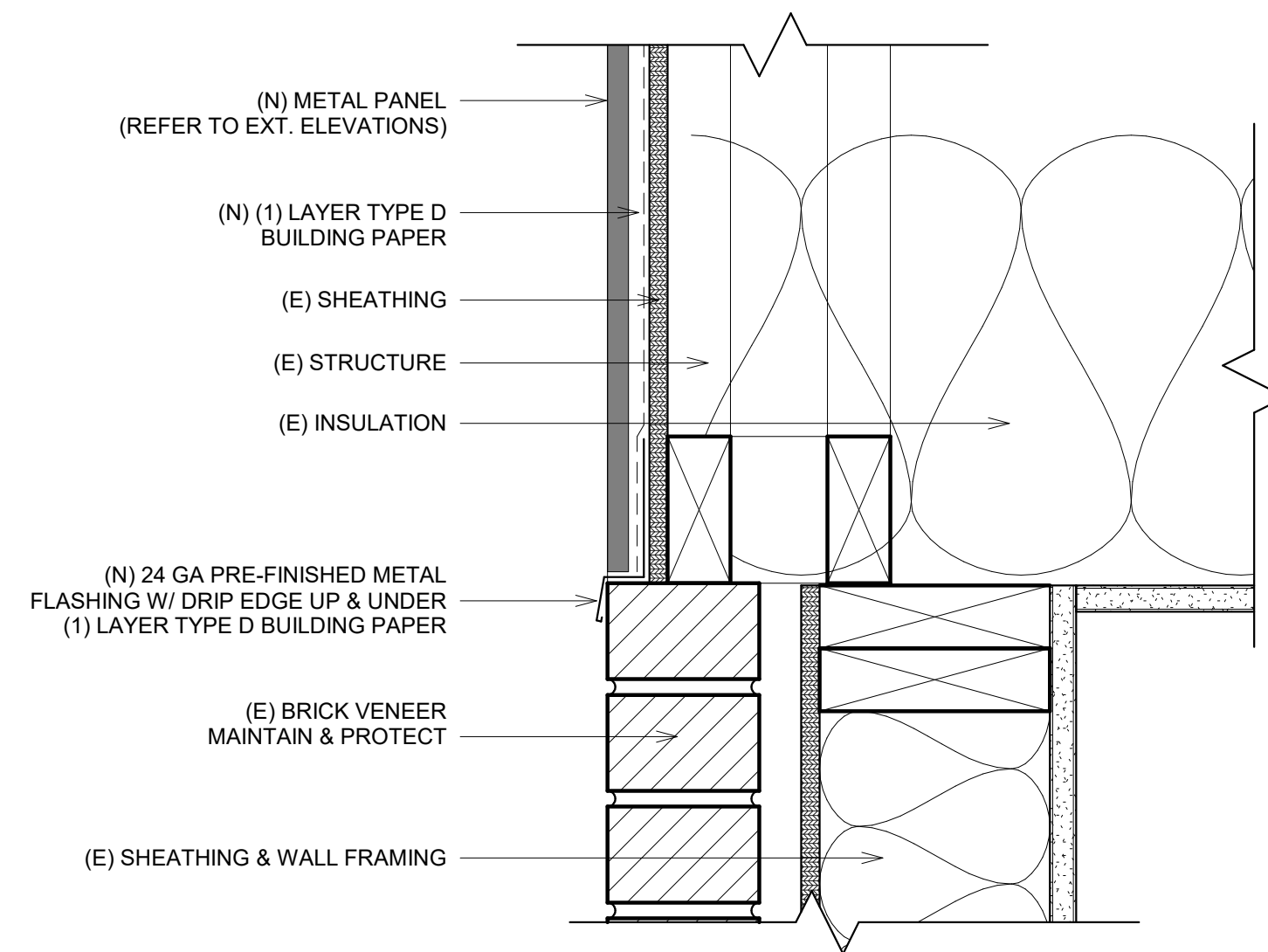


11 GUTTER DETAIL  
3" = 1'-0"

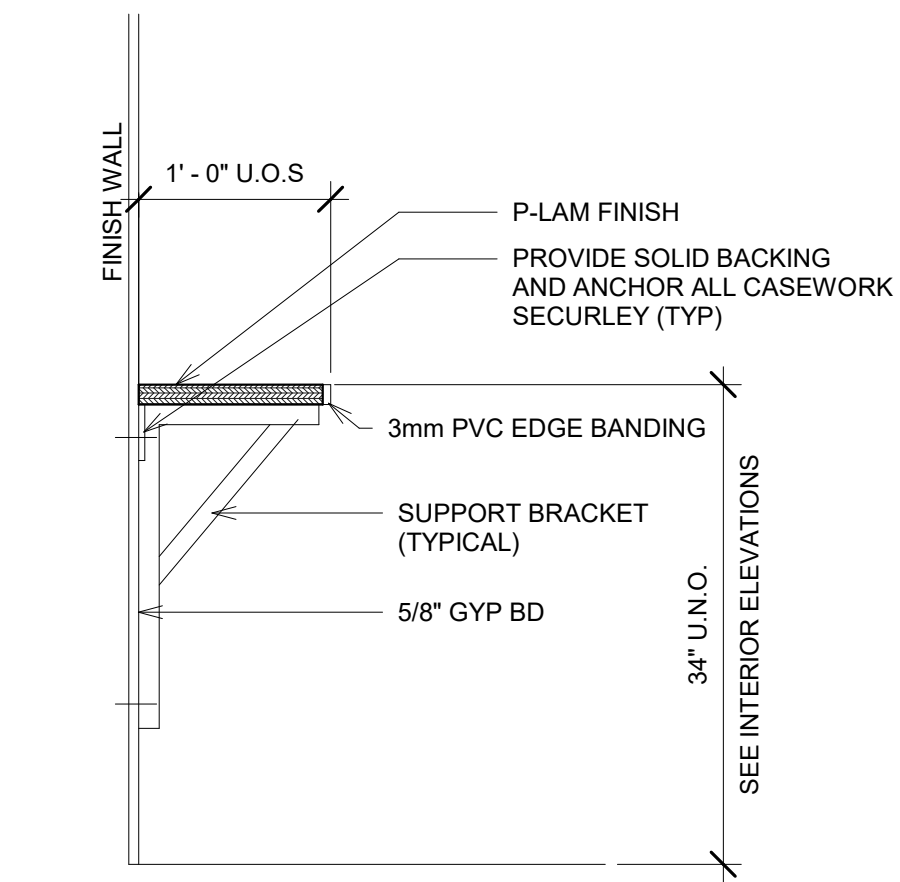


12 PREFABRICATED VENT PIPE FLASHING  
3" = 1'-0"

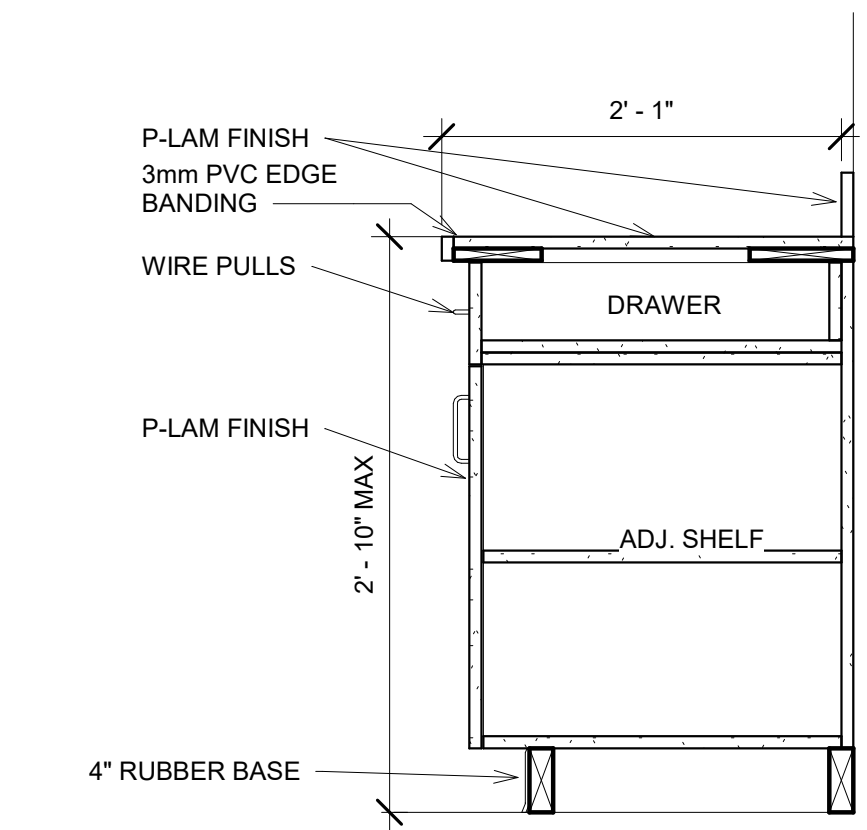
NOTE:  
1. DO NOT CUT PREFABRICATED BOOT. IT MUST BE PULLED OVER VENT PIPE.  
2. PREFABRICATED BOOTS ARE AVAILABLE IN SMALL & LARGE SIZES, AND MUST BE USED WHENEVER POSSIBLE TO FLASH PIPES 1" TO 8" IN DIAMETER.



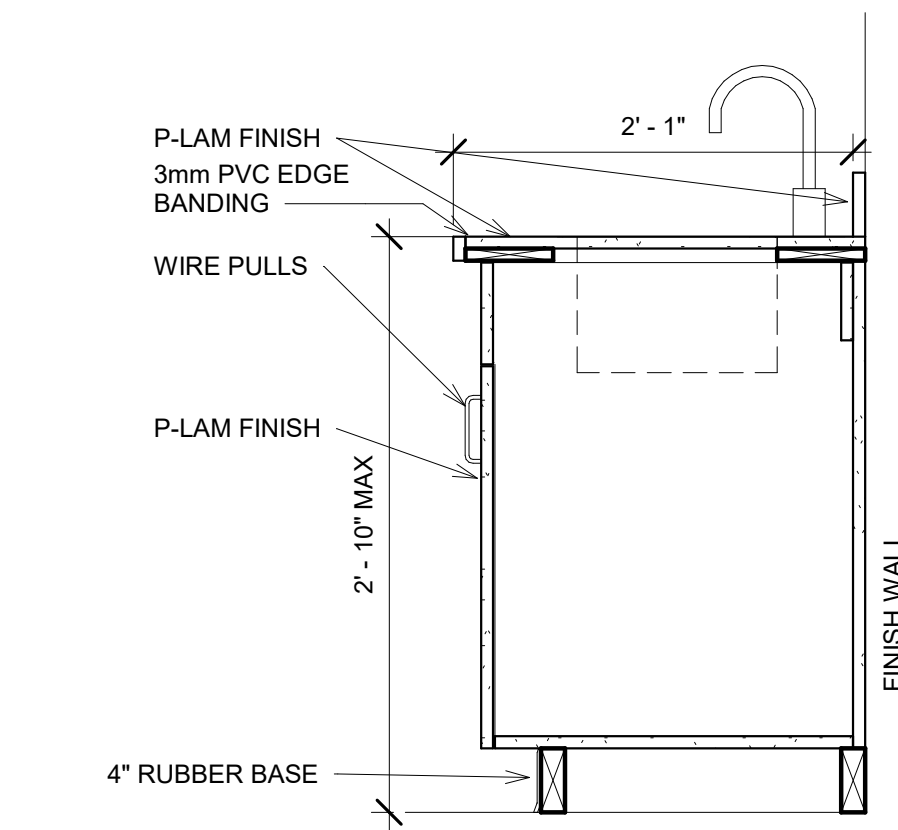
1 METAL SIDING TO BRICK WALL TRANSITION  
3" = 1'-0"



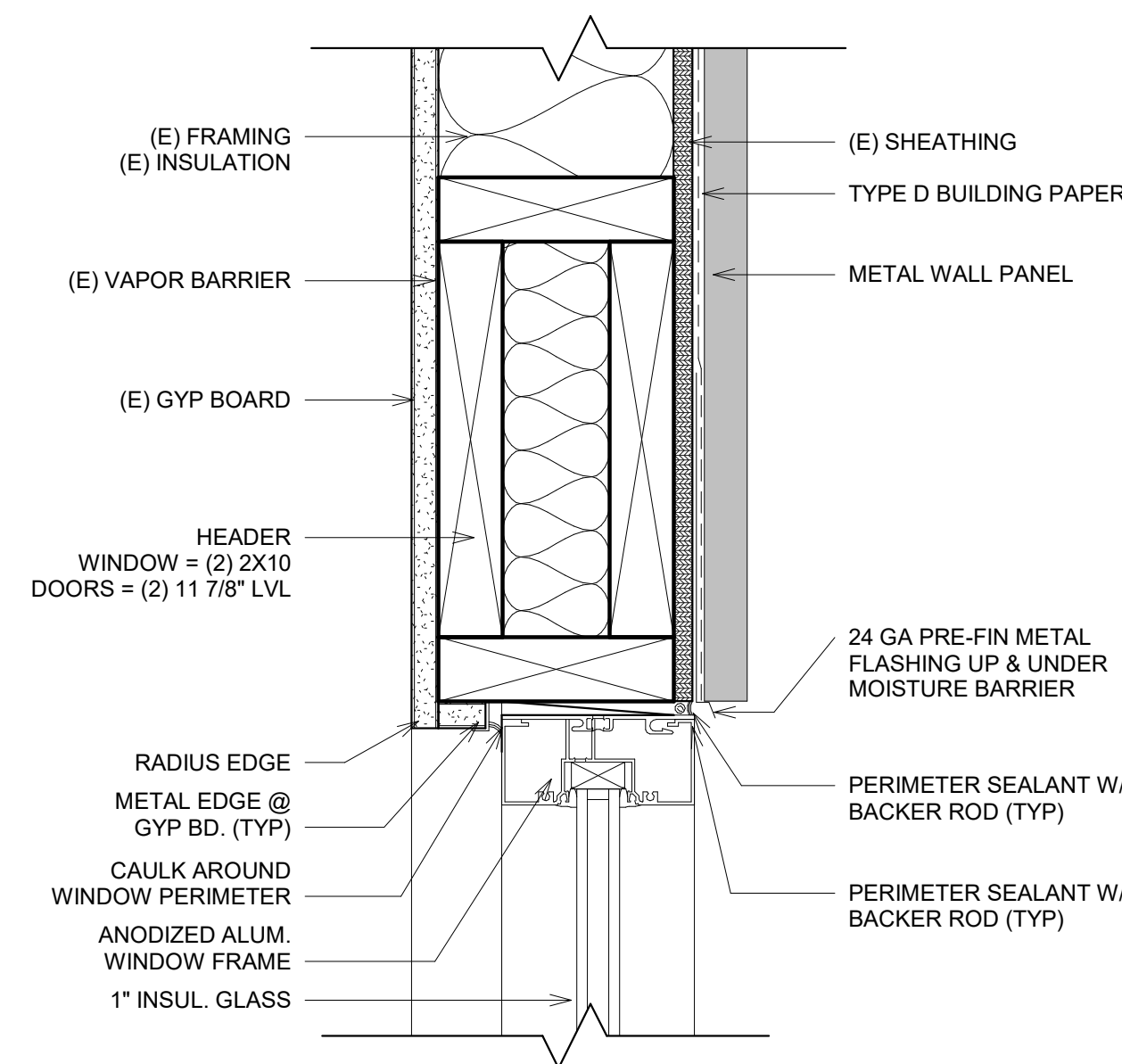
4 COUNTERTOP CASEWORK  
1" = 1'-0"



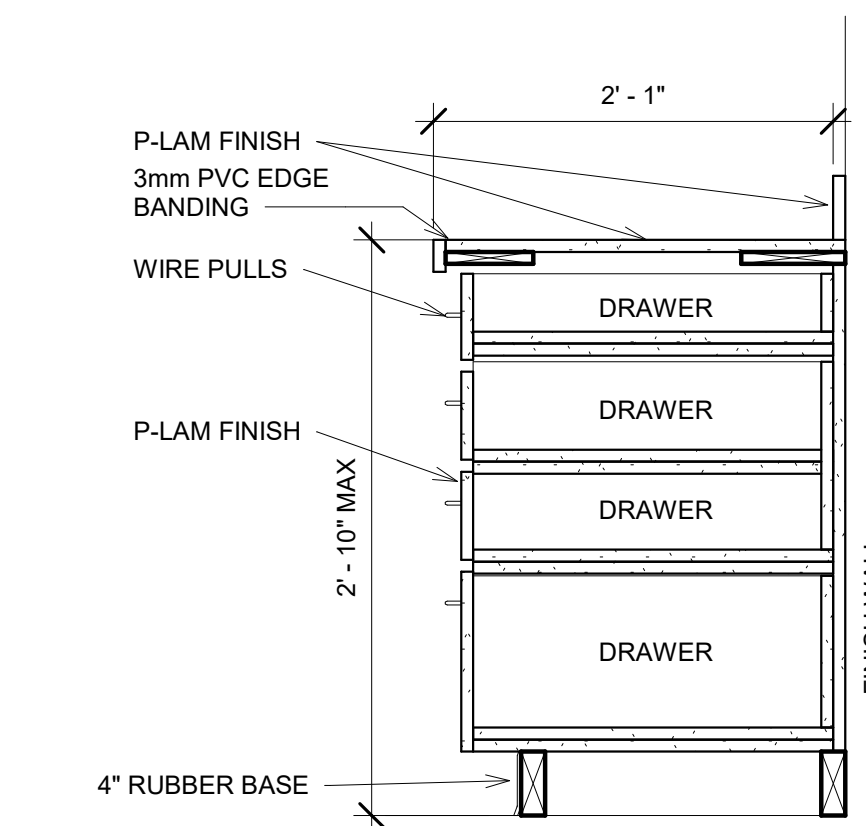
5 BASE CABINET SHELVES DETAIL  
1" = 1'-0"



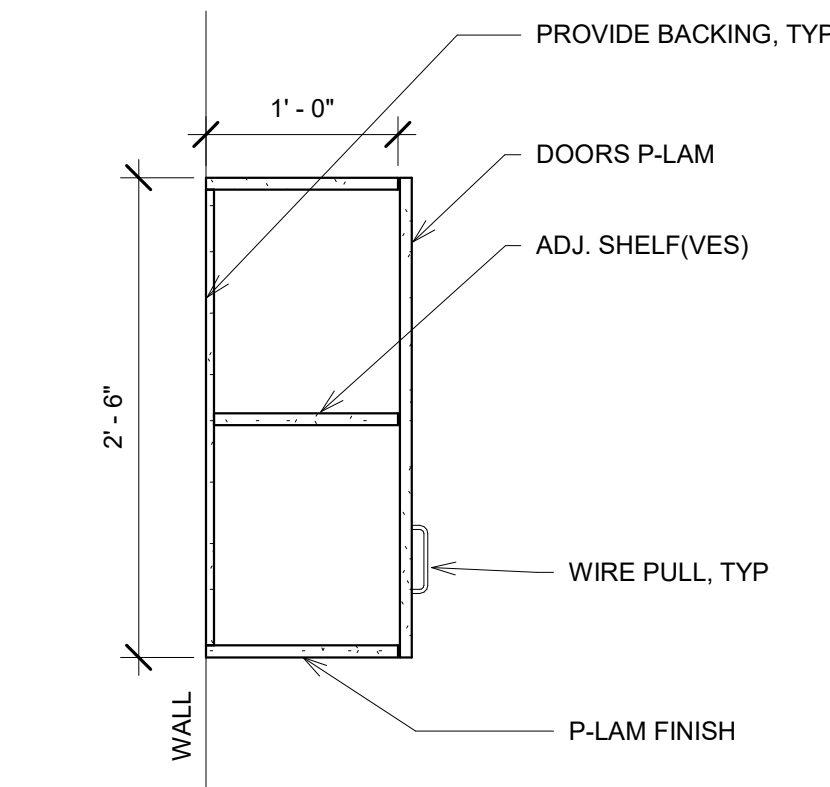
6 BASE CABINET SINK DETAIL  
1" = 1'-0"



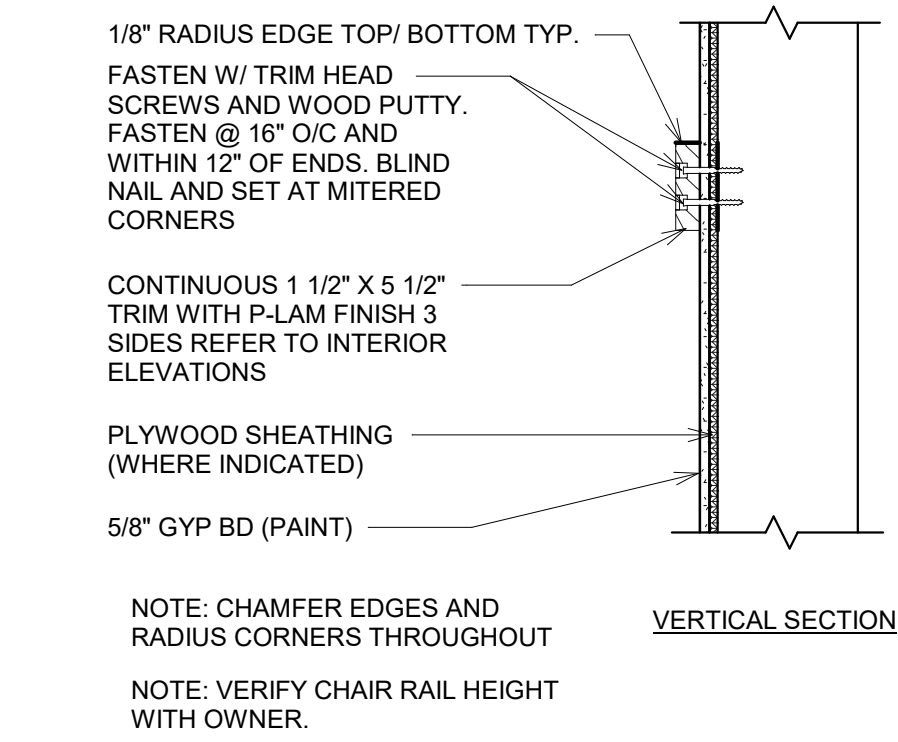
2 EXTERIOR WINDOW HEAD DETAIL @ METAL  
3" = 1'-0"



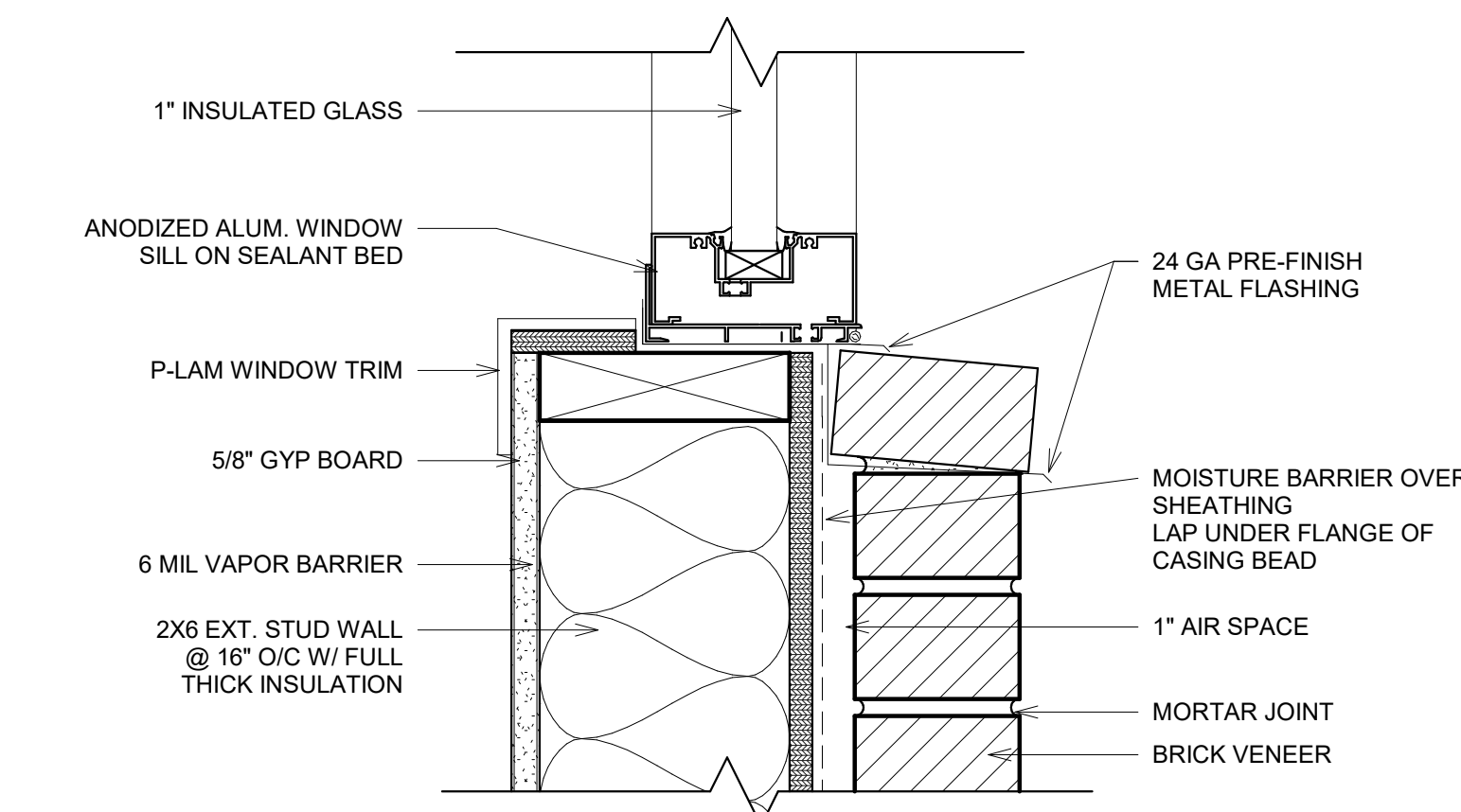
7 BASE CABINET 4 DRAWER  
1" = 1'-0"



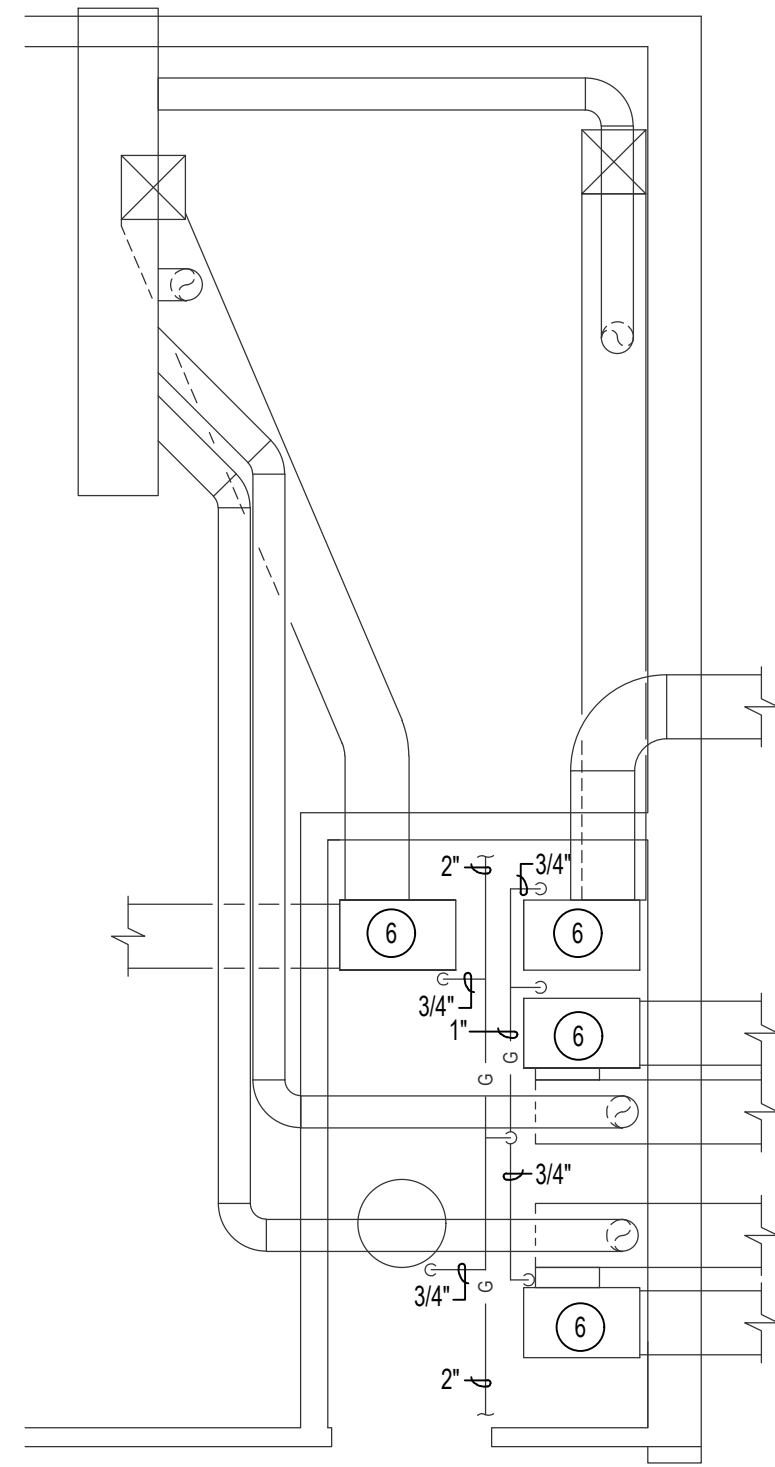
8 UPPER CASEWORK DETAIL  
1" = 1'-0"



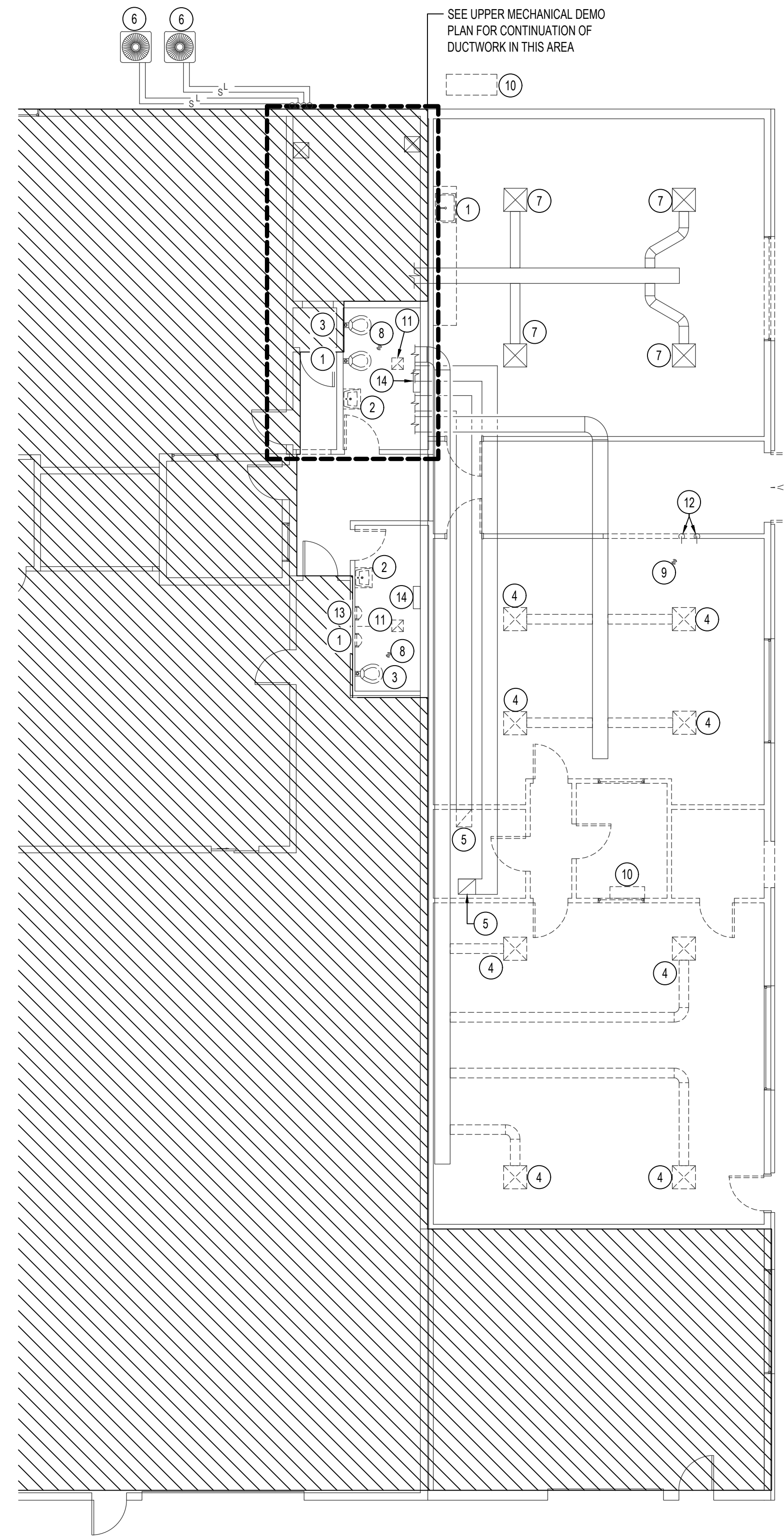
9 WOOD CHAIR RAIL DETAIL  
1" = 1'-0"



3 EXTERIOR WINDOW SILL DETAIL @ BRICK VENEER  
3" = 1'-0"



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



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

**PLAN NOTES:**

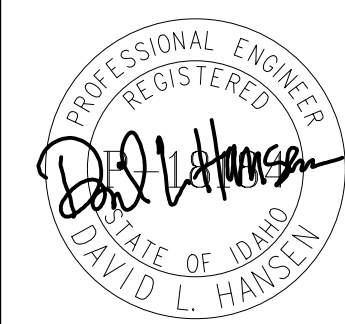

- 1 EXISTING FIXTURE TO BE REMOVED. ALL ASSOCIATED WATER, WASTE AND VENT PIPING TO BE REMOVED AND CAPPED IN WALL.
- 2 EXISTING LAV TO BE REMOVED AND REPLACED WITH NEW. ADJUST WATER, WASTE, AND VENT PIPING AS NEEDED.
- 3 EXISTING WATER CLOSET TO BE REMOVED AND REPLACED WITH NEW. ADJUST PIPING AS NEEDED.
- 4 REMOVE EXISTING CEILING DIFFUSER AND ASSOCIATED BRANCH DUCTWORK. CAP DUCT AT MAIN.
- 5 REMOVE EXISTING 16x16 RETURN DUCT UP TO CEILING SPACE AND CAP DUCT OPENING.
- 6 EXISTING MECHANICAL EQUIPMENT TO REMAIN. PROTECT DURING CONSTRUCTION.
- 7 EXISTING DIFFUSER TO REMAIN. PROTECT DURING CONSTRUCTION.
- 8 EXISTING FLOOR DRAIN TO BE REMOVED AND REPLACED WITH NEW.
- 9 EXISTING FLOOR DRAIN TO BE REMOVED AND WASTE LINE TO BE CAPPED.
- 10 EXISTING MECHANICAL EQUIPMENT TO BE REMOVED AND RETURNED TO OWNER.
- 11 EXISTING EXHAUST FAN TO BE REMOVED AND REPLACED WITH NEW.
- 12 EXISTING HOT AND COLD WATER LINES TO BE REMOVED AND CAPPED.
- 13 EXISTING URINAL TO BE REMOVED AND REPLACED WITH NEW. ADJUST WATER, WASTE AND VENT PIPING AS NEEDED.
- 14 REMOVE EXISTING GAS FIRED WALL HEATER AND PIPE. CAP ABOVE CEILING. PATCH WALL TO MATCH EXISTING.

DATE: 05.06.22

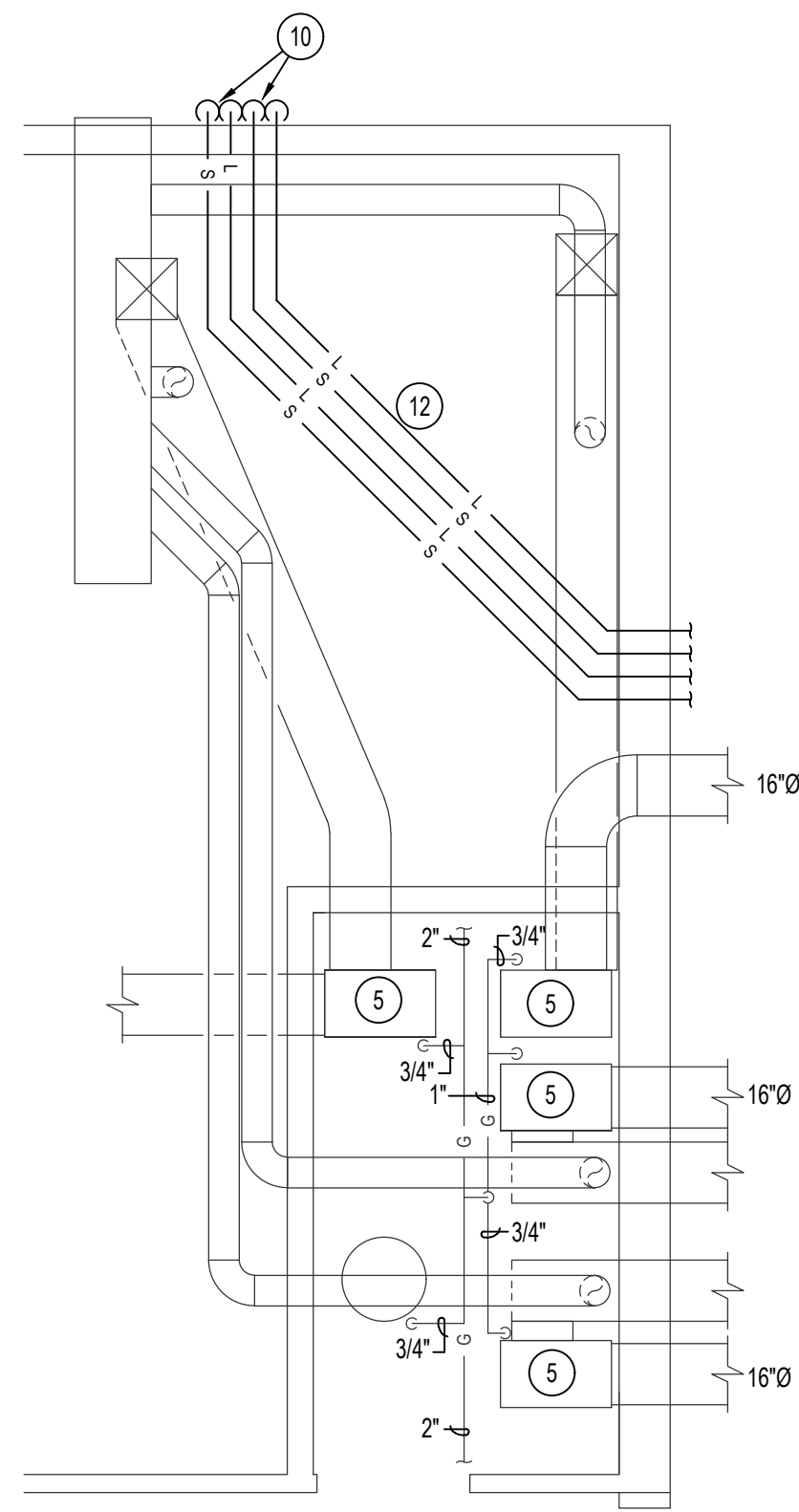
DATE: \_\_\_\_\_

MODERNIZATION FOR:  
FILER SCHOOL DIST.  
289 US-30, ID 83328  
MECHANICAL DEMOLITION PLAN

**Laughlin Ricks Architecture**  
—architecture/planning—  
134 3RD AVE. E. \* Twin Falls, Idaho 83301  
(208) 736-8050 Fax: (208) 733-0950

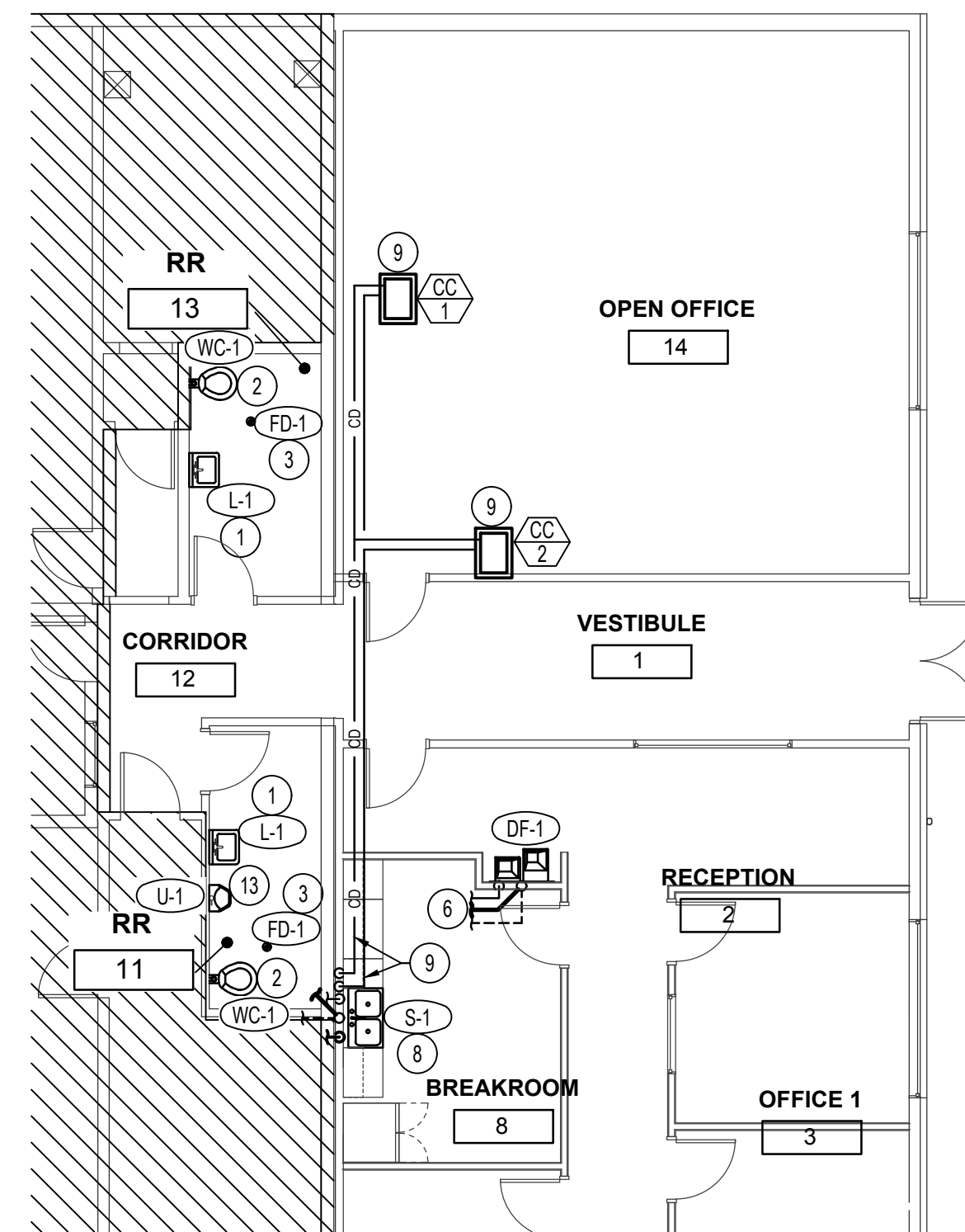
		DATE: _____	ISSUE: _____
		Drawn: _____	Checked: _____
1355 EAST CENTER POCATELLO, IDAHO 83201 PHONE: (208) 233-0501 FAX: (208) 233-0529 EMAIL: esa@engsystems.com Oct 24, 2023		<b>MP1-0</b>	





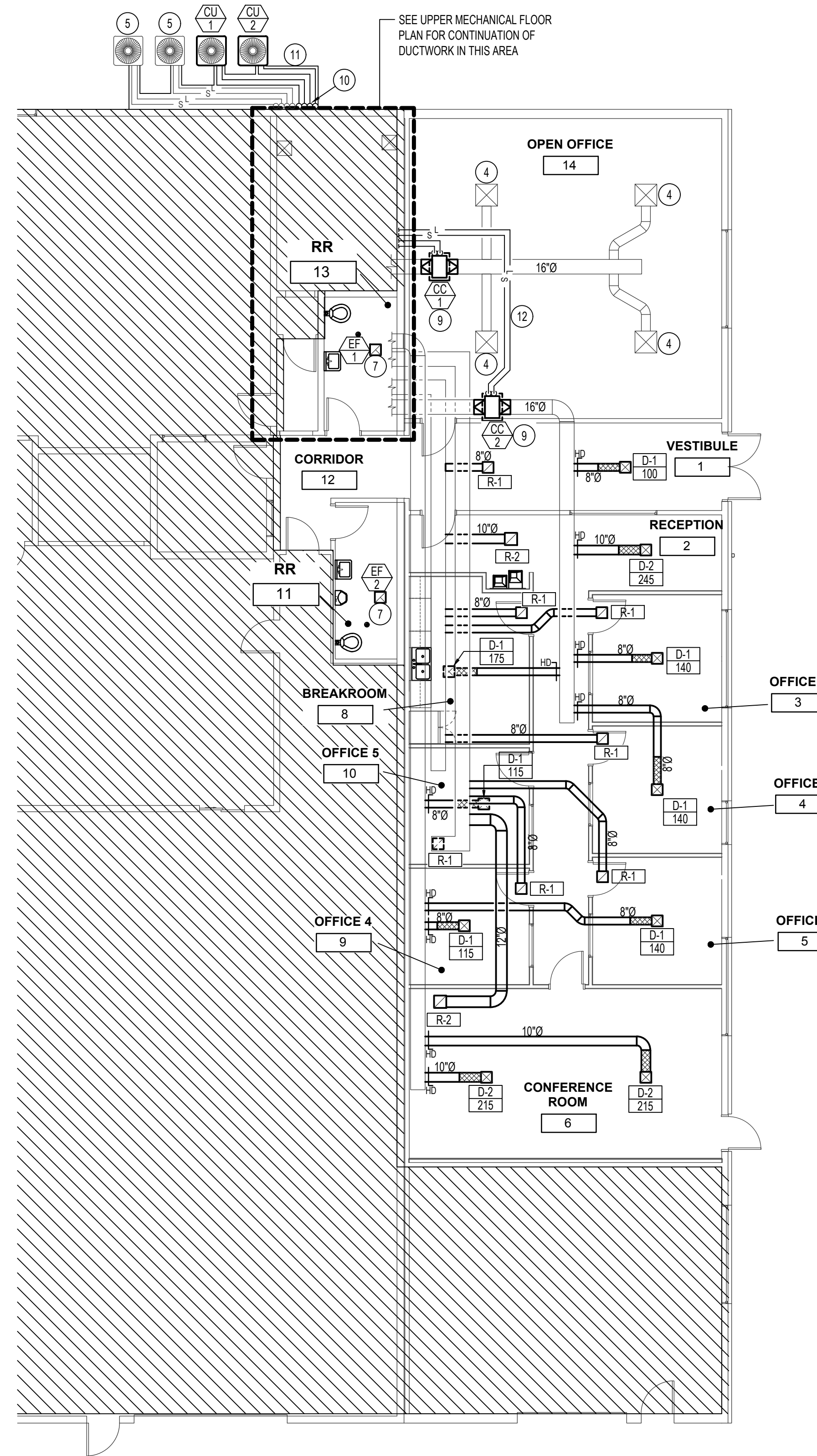
UPPER MECHANICAL FLOOR PLAN  
SCALE: 1/4" = 1'-0"

North



PLUMBING FLOOR PLAN  
SCALE: 1/8" = 1'-0"

North



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

North

PLAN NOTES:

- 1 NEW LAV TO BE INSTALLED. SHIFT WATER, WASTE AND VENT TO ACCOMMODATE NEW LOCATION.
- 2 EXISTING WATER CLOSET TO BE REMOVED AND REPLACED WITH NEW.
- 3 EXISTING FLOOR DRAIN TO BE REMOVED AND REPLACED WITH NEW.
- 4 EXISTING DIFFUSER TO REMAIN.
- 5 EXISTING MECHANICAL EQUIPMENT TO REMAIN. PROTECT DURING CONSTRUCTION. CONTRACTOR TO CONFIRM EXISTING CONDITIONS.
- 6 INSTALL NEW DRINKING FOUNTAIN. CONNECT WATER, WASTE, AND VENT INTO NEARBY EXISTING EQUIVALENT OR LARGER. FIELD VERIFY FOR EXACT LOCATION.
- 7 EXISTING EXHAUST FAN TO BE REMOVED AND REPLACED WITH NEW. CONNECT TO EXISTING DUCTWORK.
- 8 ROUTE WATER, WASTE AND VENT LINES FROM NEW DOUBLE COMPARTMENT SINK TO NEARBY EQUIVALENT OR LARGER LINES.
- 9 INSTALL NEW COOLING COIL IN DUCT AS SHOWN. CONTRACTOR TO CONFIRM DUCT SIZE. PROVIDE AND INSTALL DRAIN PAN. ROUTE DRAIN LINES TO BREAK ROOM SINK AND CONNECT 3/4" CONDENSATE LINE FROM DX COOLING COIL AND 3/4" DRAIN LINE FROM DRAIN PAN TO SINK SIDE OF P-TRAP USING DISHWASHER CONNECTION. SEE DETAILS ON SHEET MP2.1.
- 10 ROUTE (2) NEW SETS OF REFRIGERANT LINES WITH EXISTING REFRIGERANT PIPING EXPOSED ON WALL TO ATTIC SPACE.
- 11 INSTALL REFRIGERANT PIPING COVER OVER EXISTING AND NEW REFRIGERANT PIPING FROM CONDENSING UNIT TO ATTIC SPACE. SEE DETAILS ON SHEET MP2.1.
- 12 CONTRACTOR TO CONFIRM SIZING OF REFRIGERANT LINES WITH MANUFACTURERS LITERATURE AND ACTUAL LENGTH OF PIPING INSTALLED.
- 13 EXISTING URINAL TO BE REMOVED AND REPLACED WITH NEW. ADJUST WATER, WASTE AND VENT TO ACCOMMODATE SHIFTED LOCATION.

DATE: 05.06.22

DATE: \_\_\_\_\_

MODERNIZATION FOR:  
FILER SCHOOL DIST.  
289 US-30, ID 83328  
MECHANICAL FLOOR PLAN

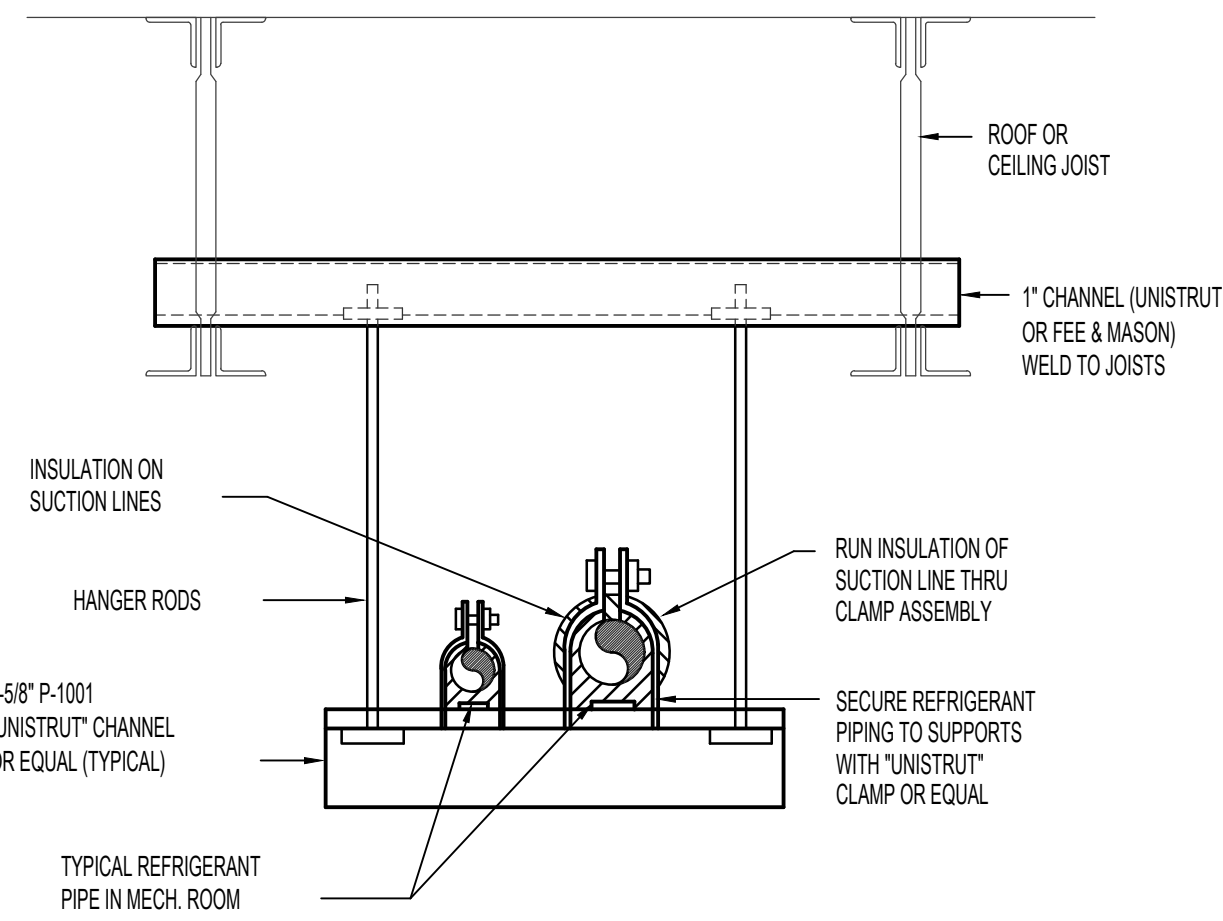
Laughlin Ricks Architecture  
—architecture/planning—  
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(208) 736-8050 Fax: (208) 733-0950

PROFESSIONAL ENGINEER  
REGISTERED  
DAVID L. HANSEN  
STATE OF IDAHO

Engineered Systems Associates  
1355 EAST CENTER  
POCATELLO, IDAHO 83201  
PHONE: (208) 233-0501  
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EMAIL: esa@engsystems.com  
Oct 24, 2023  
ESA JOB NUMBER: 23113

DATE:	ISSUE
DATE:	DATE
Drawn	Checked

MP1-1



NOTE:  
ALL PIPING SUPPORTS  
ARE TO BE INSTALLED  
PRIOR TO FIREPROOFING  
OF JOISTS. NO PIPING  
SUPPORTS ARE TO BE  
ATTACHED AFTER  
FIREPROOFING HAS  
BEEN DONE.

**A** REFRIGERANT PIPE SUPPORT DETAIL  
NO SCALE

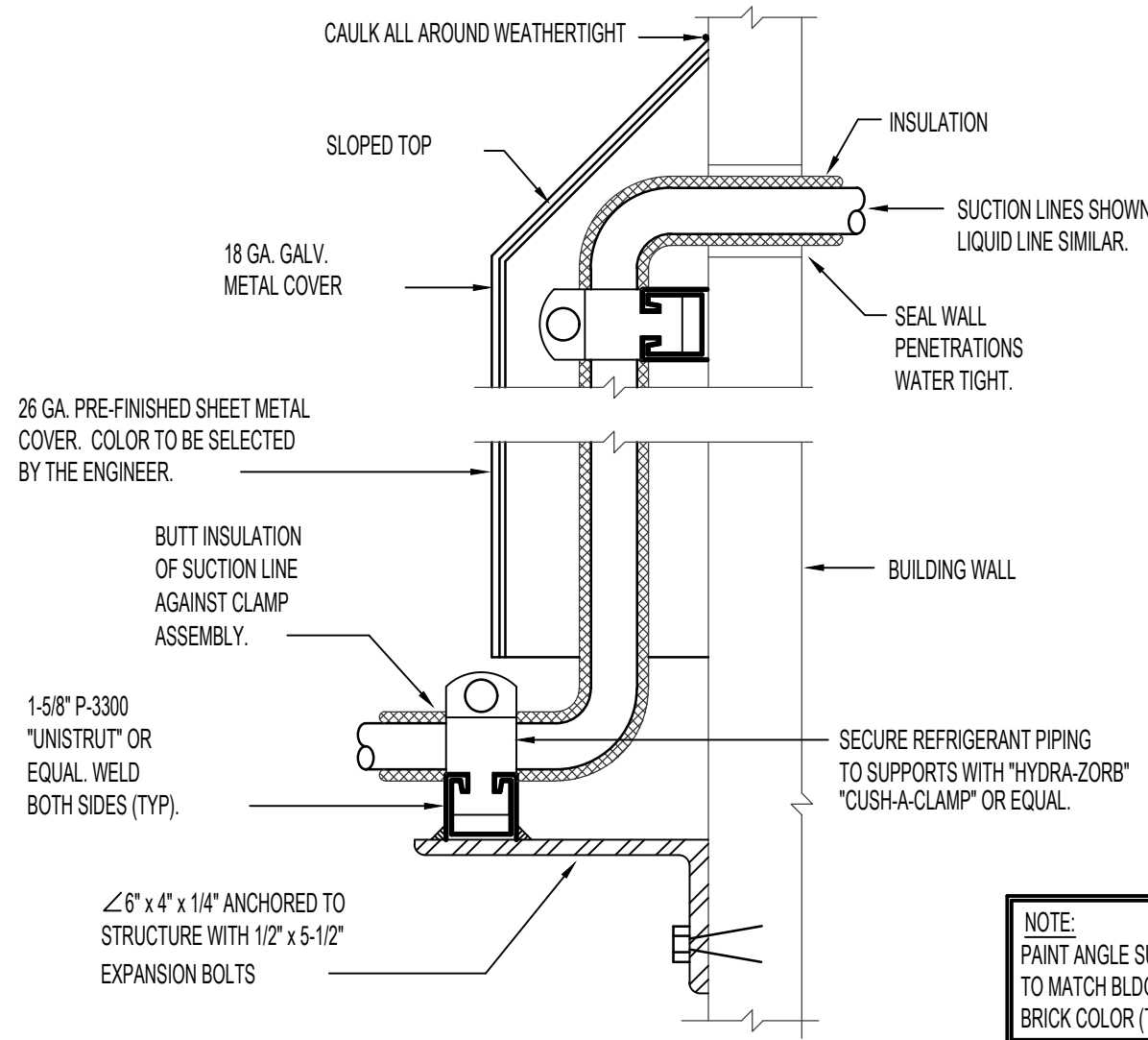
CONDENSING UNIT SCHEDULE									
SYM.	BTU	EAT	CHAR.	MCA	WEIGHT	REFRIGERANT PIPING		REMARKS	
						LIQUID	SUCTION		
CU-1	24,000	96°F	208/60/1	13.9	330	3/8"	3/4"	CARRIER MODEL 24ANA124	
CU-2	24,000	96°F	208/60/1	13.9	330	3/8"	3/4"	CARRIER MODEL 24ANA124	

DX COOLING COIL SCHEDULE					
SYM.	CFM	MBH	EAT	LAT	REMARKS
CC-1	800	24	72	55	CARRIER MODEL CVPMA2417XMC
CC-2	800	24	72	55	CARRIER MODEL CVPMA2417XMC

GRILLE AND REGISTER SCHEDULE							
SYM.	SIZE	THROW	CFM	MIN. NC RATING	FINISH	BRANCH DUCT	REMARKS
D-1	9x9	NA	100-200	20	BY ARCH	8"Ø	PRICE MODEL SMD
D-2	12x12	NA	200-300	20	BY ARCH	10"Ø	PRICE MODEL SMD
R-1	10x10	NA	100-200	20	BY ARCH	8"Ø	PRICE MODEL 535
R-2	12x12	NA	300-450	20	BY ARCH	VAR.	PRICE MODEL 535

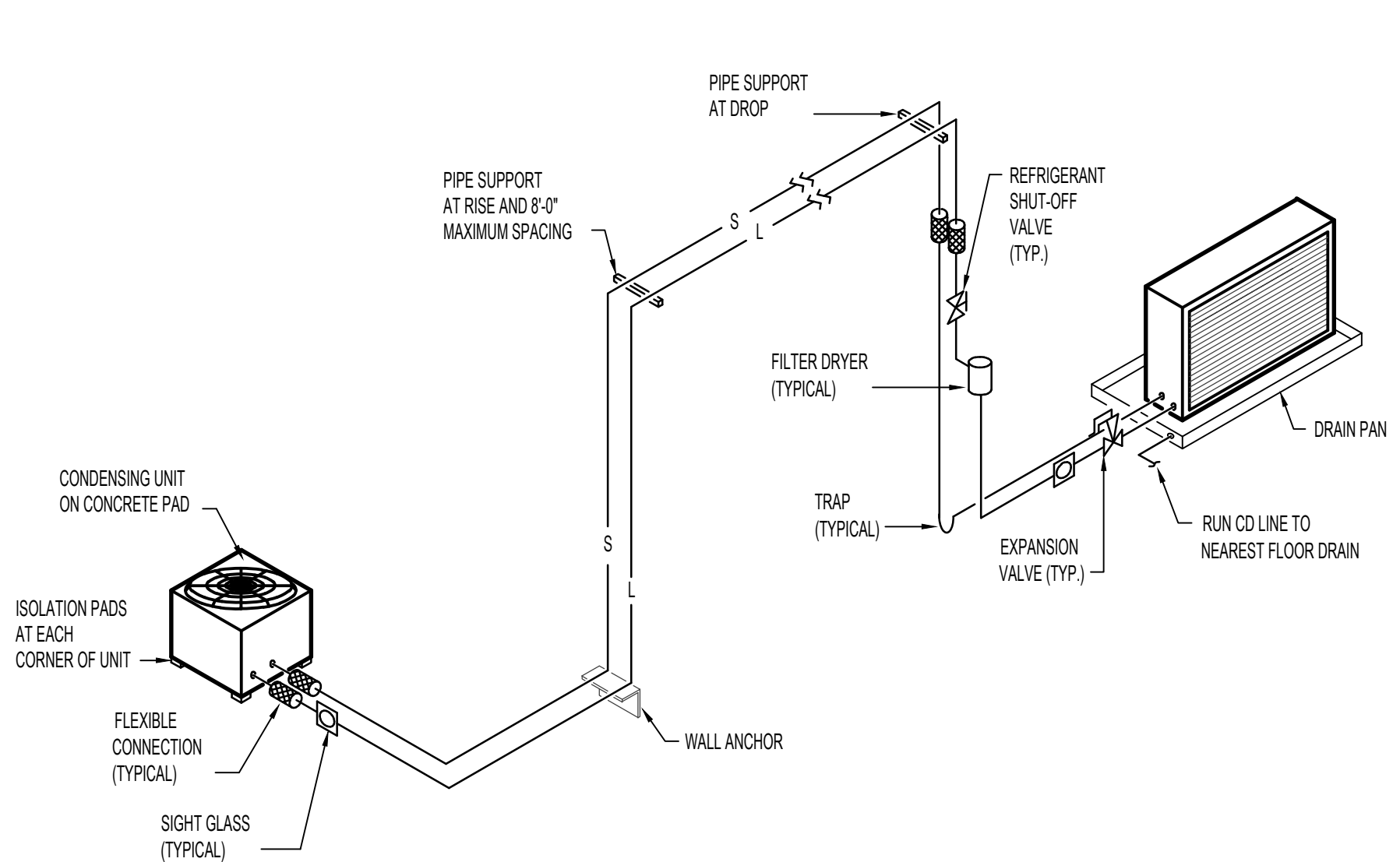
EXHAUST FAN SCHEDULE								
SYM.	TYPE	C.F.M.	S.P.E.	WATTS	CHAR.	R.P.M.	CONTROL	REMARKS
EF-1	CEILING	70	0.25	6.1	208/60/1	955	WITH LIGHTS	TWIN CITY FAN MODEL T080E WITH BACKDRAFT DAMPER
EF-2	CEILING	140	0.25	100	208/60/1	710	WITH LIGHTS	TWIN CITY FAN MODEL T150 WITH BACKDRAFT DAMPER

FIXTURE SCHEDULE					
SYM.	DESCRIPTION	HOT	COLD	WASTE	VENT
DF-1	BH-LEVEL DRINKING FOUNTAIN - ELKAY MODEL EZ-STL8WSLK WITH EZH20 BOTTLE FILLER FLEX-1 GUARD BUBBLERS, 1/2" STOP AND 1-1/2" P-TRAP. PROVIDE ALL INTERCONNECTING PIPING AND DRAIN.	--	1/2"	1-1/2"	1-1/2"
FD-1	2" FLOOR DRAIN - ZURN Z-415B WITH 5"Ø NICKEL-BRONZE STRAINER AND 2" DEEP SEAL P-TRAP. PROVIDE UPC APPROVED TRAP GUARD SEAL.	--	--	2"	2"
L-1	ADA COUNTERTOP LAVATORY - KOHLER MODEL K-2905-4 SELF-RIMMING "FARMINGTON" WITH MOEN L4601 LEVER FAUCET, K-7715 OPEN GRID STRAINER, 1/2" BALL STOPS AND 1-1/4" P-TRAP. PROVIDE INSULATING JACKET ON HW PIPING AND P-TRAP.	1/2"	1/2"	1-1/2"	1-1/2"
S-1	DOUBLE COMPARTMENT SINK - ELKAY MODEL LR-3319 STAINLESS STEEL SINK WITH MOEN 7200 SINGLE LEVER HANDLE, (2) LK-99 HEAVY DUTY STRAINER, AND 1/2" STOPS.	1/2"	1/2"	1-1/2"	1-1/2"
U-1	URINAL - KOHLER MODEL 4984-T "FRESHMAN" WITH SLOAN 8186-1.0 G2 OPTIMA PLUS AUTO FLUSH VALVE WITH BATTERY. PROVIDE WALL CARRIER.	--	3/4"	2"	2"
WC-1	ADA TANK TYPE WATER CLOSET - KOHLER K-3493 "HIGHLINE" W/ ELONGATED BOWL, K-4670-C WHITE OPEN FRONT SEAT, BOLT CAPS AND 1/2" STOP VALVE. RIGHT OR LEFT HAND FLUSH LEVER SO LEVER IS ON OPEN SIDE OF ACCESSIBLE STALLS.	--	1/2"	4"	2"

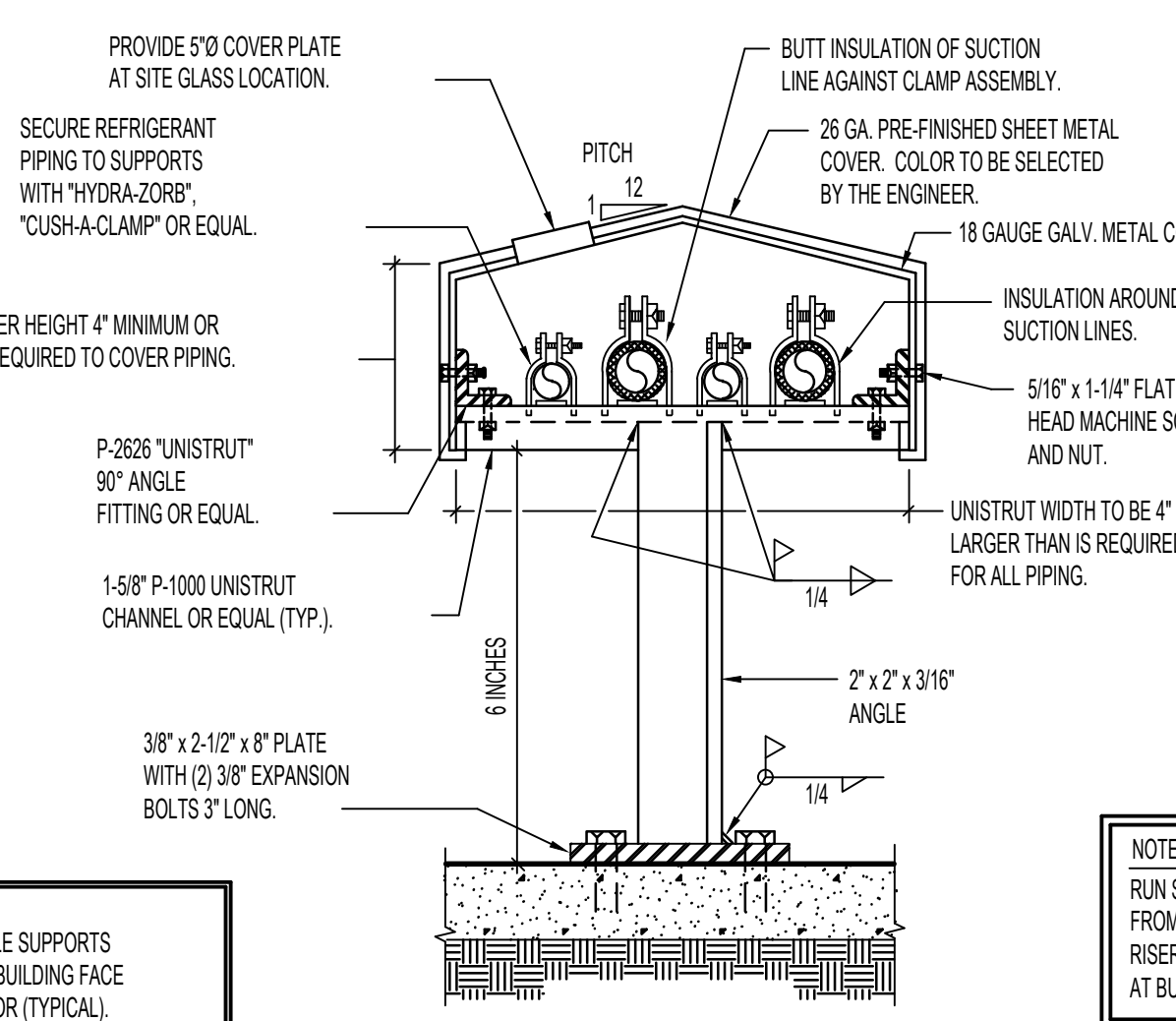


NOTE:  
PAINT ANGLE SUPPORTS  
TO MATCH BLDG. FACE  
BRICK COLOR (TYP.)

**B** REFRIGERANT PIPING SUPPORT AT WALL  
NO SCALE

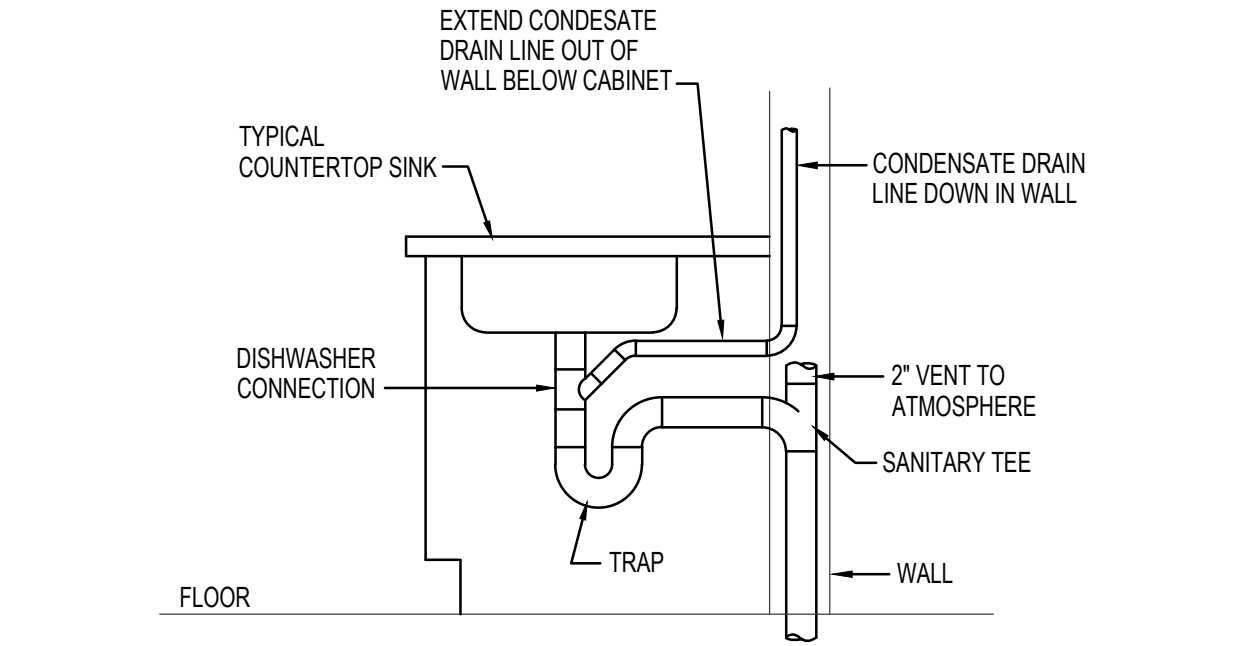


**C** REFRIGERANT PIPING DIAGRAM  
NO SCALE



NOTE:  
RUN STEEL COVER CONTINUOUS  
FROM CONDENSING UNITS TO  
RISERS OR PENETRATIONS  
AT BUILDING WALL.

**D** REFRIGERANT PIPE SUPPORT DETAIL  
NO SCALE



NOTE:  
CONDENSATE CONNECTION TO  
WALL MOUNTED LAVATORY SIMILAR

**E** COND. DRAIN CONNECTION DETAIL  
NO SCALE

05.06.22

DATE

MODERNIZATION FOR:  
FILER SCHOOL DIST.  
289 US-30, ID 83328  
MECH/PLMB SCHEDULES & DETAILS

Laughlin Ricks Architecture  
architecture/planning  
134 3RD AVE. E. \* Twin Falls, Idaho 83301  
(208) 736-8050 Fax: (208) 733-0950

PROFESSIONAL ENGINEER  
REGISTERED  
DAVID L. HANSEN  
STATE OF IDAHO

Engineered Systems Associates  
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EMAIL: esa@engsystems.com

Oct 24, 2023

DATE: ISSUE DATE  
18 Drawn 03/11 Checked

MP2-1

ESR JOB NUMBER: 23113





**FIRE ALARM EXPANSION NOTES:**

- A. PROVIDE ALL EQUIPMENT, MATERIALS AND LABOR NECESSARY TO EXPAND THE EXISTING SILENT KNIGHT FIRE ALARM SYSTEM. THE SYSTEM ADDITION SHALL BE CONNECTED DIRECTLY TO THE EXISTING MAIN FIRE ALARM PANEL. THE INSTALLATION SHALL BE AS RECOMMENDED BY THE MANUFACTURER AND ACCEPTED BY THE LOCAL AHJ. WHEN THE SYSTEM IS COMPLETE, A FACTORY REPRESENTATIVE SHALL TEST THE SYSTEM, MAKE ADJUSTMENTS AND PLACE THE SYSTEM IN OPERATING ORDER.
- B. WITHIN 30 DAYS AFTER THE CONTRACT AWARD AND PRIOR TO THE PURCHASE OF ANY EQUIPMENT, THE FIRE ALARM SYSTEM CONTRACTOR SHALL SUBMIT FOR APPROVAL SIX (6) COPIES OF THE FOLLOWING:
  - a. A LIST OF MATERIALS THAT ARE TO BE USED ON THE PROJECT, INCLUDING MANUFACTURER, MODEL NUMBER AND TECHNICAL INFORMATION.
  - b. PRELIMINARY CIRCUIT DIAGRAMS SHOWING INTERCONNECTION OF ALL MONITORING, NOTIFICATION AND ANNUNCIATION DEVICES. PANELS AND WIRING COUNTS. DIAGRAMS ARE TO BE 11"X17", DONE IN A GOOD WORKMAN LIKE MANNER.
  - c. TECHNICAL MANUALS FOR ALL OF THE EQUIPMENT THAT IS TO BE USED ON THE PROJECT.
  - d. SUBMIT SHOP DRAWINGS AND REQUIRED CALCULATIONS TO THE LOCAL AHJ.
  - e. OBTAIN A WRITTEN LETTER OF ACCEPTANCE OF THE PROPOSED SYSTEM AND INCLUDE WITH THE SHOP DRAWING SUBMITTAL TO THE ENGINEER.
- C. CONTRACTOR SHALL PROVIDE AND INSTALL ALL REQUIRED POWER SUPPLIES, ELECTRONICS AND CONNECTIONS TO MODIFY EXISTING SYSTEM TO ACCEPT NEW ADDITION. THE COMPLETE SYSTEM SHALL MAINTAIN A UL LISTING.
- D. ELECTRICAL CONTRACTOR SHALL INCLUDE A \$2,000.00 CASH ALLOWANCE IN THE BID FOR MISCELLANEOUS ADDITIONS AND/OR REQUIREMENTS IMPOSED BY THE LOCAL AHJ.

**GENERAL NOTES:**

- A. ALL EXISTING ELECTRICAL MAY NOT APPEAR ON THESE PLANS, HOWEVER THE ABOVE INFORMATION APPLIES.
- B. PROVIDE AND INSTALL BLANK COVERS ON ALL UNUSED SWITCH/OUTLET/J-BOXES WHERE REQUIRED.
- C. ALL WALL DEVICES THAT ARE EXISTING TO REMAIN, SHALL BE ADAPTED TO NEW WALL COVERINGS, REFER TO ARCHITECTURAL DRAWINGS FOR EXACT WALL LOCATIONS, THICKNESS, ETC.
- D. PRIOR TO THE START OF ANY DEMOLITION WORK, DISCONNECTING ANY POWER AND OR TELE/DATA SYSTEMS, THE CONTRACTOR SHALL COORDINATE DOWN-TIME WITH THE OWNER.
- E. REFER TO ARCHITECTURAL PLANS FOR EXTENT OF DEMOLITION, DETAILS, ETC.
- F. REMOVE OR RELOCATE ELECTRICAL AS NECESSARY FOR NEW WORK.
- G. WHERE EXISTING CIRCUITS ARE TO BE RE-USED, EXTEND AS NECESSARY, MAINTAIN ELECTRICAL CONTINUITY TO DOWNSTREAM EQUIPMENT TO REMAIN.
- H. EXISTING SHOWN TO REMAIN, MAY NEED TO BE REMOVED AND RE-INSTALLED ONLY AS NECESSARY FOR EXTENDING OR MODIFICATION OF EXISTING CIRCUITS OR WIRING.
- I. REFER TO MECHANICAL PLANS FOR EXTENT OF MECHANICAL EQUIPMENT TO BE REMOVED OR RELOCATED.
- J. REMOVE ALL UNUSED EQUIPMENT WIRING, CONDUIT AND BOXES IN ALL AREAS. ABANDON ONLY IN CONCEALED AREAS.
- K. CONTRACTOR MY UTILIZE ANY EXISTING CONDUIT WHERE COMPATIBLE WITH NEW DESIGN, AND IF IN GOOD CONDITION AND COMPLIES WITH SPECIFICATIONS.
- L. WHEN ANY MODIFICATIONS ARE MADE TO ANY EXISTING ELECTRICAL PANEL TO REMAIN, CONTRACTOR TO PROVIDE NEW TYPE WRITTEN INDEX TO REFLECT ALL NEW AND EXISTING LOADS.
- M. REMOVE ALL EQUIPMENT, RACEWAYS, CABLES, ETC. NOT USED IN FINISHED AREAS.

**KEY NOTES:**

- 1 ALL EXISTING LIGHTING, ELECTRICAL DEVICES AND ETC. IN THIS AREA TO REMAIN ACTIVE, LOCATE AND PROTECT DURING CONSTRUCTION. MAINTAIN/RE-ESTABLISH CONTINUITY TO ANY DEVICES, EQUIPMENT AS REQUIRED.
- 2 ALL EXISTING ELECTRICAL DEVICES, LIGHTING AND ETC. WITHIN THIS AREA IS TO BE DISCONNECTED AND REMOVED TO ACCOMMODATE REMODEL, UNLESS INDICATED OTHERWISE. EXISTING CIRCUITS SHALL BE REUSED FOR NEW LIGHTING AND RECEPTACLES IF POSSIBLE. E.C. SHALL MAINTAIN/RE-ESTABLISH CONTINUITY TO ALL DOWNSTREAM EQUIPMENT/DEVICES THAT ARE TO REMAIN
- 3 EXISTING CONDUIT TO REMAIN ACTIVE, LOCATE AND PROTECT DURING CONSTRUCTION.
- 4 EXISTING EXTERIOR SOFFIT MOUNTED LIGHTING TO BE DISCONNECTED AND REMOVED FOR CONSTRUCTION OF NEW SOFFIT. MAINTAIN EXISTING OUTSIDE LIGHTING CIRCUIT FOR CONNECTION TO NEW LIGHTING. FIELD VERIFY CIRCUIT ROUTING.
- 5 EXISTING IT EQUIPMENT TO BE RELOCATED BY SCHOOL DISTRICT. E.C. SHALL COORDINATE RELOCATION WITH SCHOOL DISTRICT DURING DEMOLITION PHASE OF PROJECT.
- 6 EXISTING UPS PANEL TO BE DISCONNECTED AND REMOVED IN ITS ENTIRETY, REMOVE ASSOCIATED CONDUIT AND CONDUCTORS BACK TO UPS UNIT IN IT EQUIPMENT ROOM.
- 7 EXISTING FLUSH MOUNTED ELECTRICAL PANEL TO BE DISCONNECTED, REMOVED AND REPLACED WITH NEW PANEL TO PROVIDE ADDITIONAL SPACE. DISCONNECT/RECONNECT ALL EXISTING BRANCH CIRCUITS THAT ARE TO REMAIN ACTIVE TO NEW PANEL, FIELD VERIFY CIRCUITS THAT ARE TO REMAIN.
- 8 EXISTING FLOOR MOUNTED UPS UNIT SUPPLYING PANEL 'UPS' TO BE DISCONNECTED, REMOVED AND TURNED OVER TO SCHOOL DISTRICT. E.C. SHALL UTILIZED EXISTING 100A CIRCUIT FROM PANEL 'B' TO SUPPLY NEW PANEL 'D'. REFER TO NEW DRAWINGS AND PANEL SCHEDULE.
- 9 E.C. SHALL ELECTRICALLY DISCONNECT EXISTING OUTDOOR AC UNIT FOR REMOVAL BY OTHERS. REMOVE ALL ASSOCIATED CONDUIT AND CONDUCTORS BACK TO SOURCE.

OCT. 2023

DATE

Project Number  
**FILER SCHOOL DIST.**  
 289 US 30, FILER, ID 88328  
**EXISTING ELEC. & NEW FIRE ALARM PLANS**

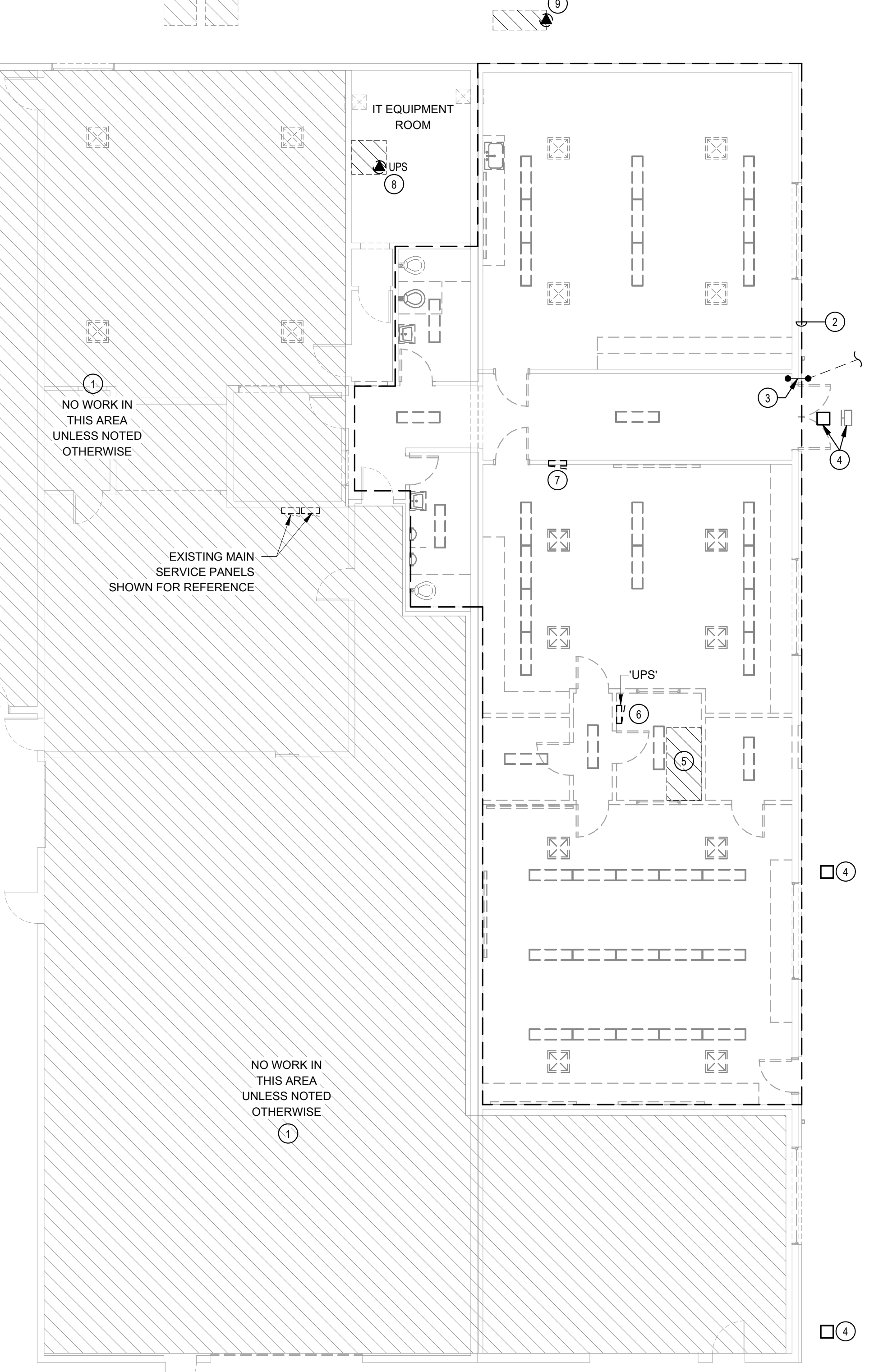
**Laughlin Ricks Architecture**  
 architecture/planning  
 134 3RD AVE. E. # Twin Falls, Idaho 83301  
 PHONE: (208) 756-8050

DATE: OCT. 2023

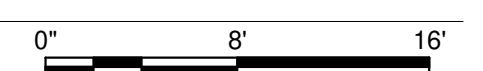
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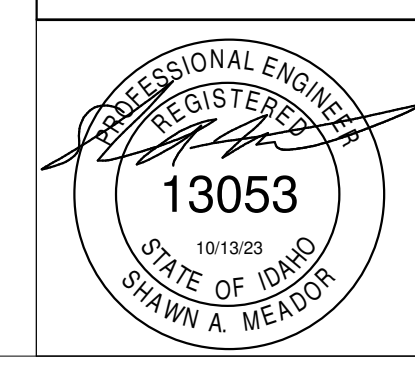
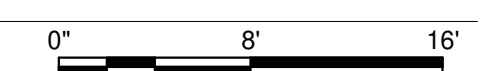
EXISTING AC UNITS TO REMAIN ACTIVE, LOCATE AND PROTECT



**1 EXISTING ELECTRICAL PLAN**  
 SCALE: 1/8" = 1'-0"



**2 FIRE ALARM PLAN**  
 SCALE: 1/8" = 1'-0"



PROJECT #: 23110  
**IPAYNE**  
 Engineering Inc.  
 1823 E. Center  
 Pocatello, Idaho 83201  
 tel (208) 232-4439  
 www.paynengineerinc.com



ELECTRICAL FLOORBOX SCHEDULE						
ID	DESCRIPTION	MFG.	FLOORBOX p/n	COVERPLATE p/n	POWER DEVICES	DATA DEVICES
FB2S	2-GANG, MULTI-SERVICE CONCRETE FLOORBOX, W/SURFACE STYLE RECTANGULAR COVER, 3" MIN. POUR	HUBBELL	CFB2G30CR	24GCCVXXX	(1) DUPLEX RECEPT.	BY OWNER

**FLOORBOX SCHEDULE NOTES:**

- PROVIDE REQUIRED SUB-PLATES FOR INSTALLATION OF POWER, DATA AND AV DEVICES.
- E.C. SHALL FIELD LOCATE EXACT PLACEMENT OF FLOORBOX WITH ARCHITECT/OWNER PRIOR TO INSTALLATION.
- PROVIDE CONDUIT (SIZE AS INDICATED ON DRAWINGS) TO ACCESSIBLE CEILING SPACE FOR ROUTING OF DATA AND/OR LOW VOLTAGE CABLING.

ELECTRICAL AV/TV BOX SCHEDULE				
ID	DESCRIPTION	MFG.	PART #s	NOTES
AV3	LARGE CAPACITY 3-GANG AV BOX W/ MUDRING, LV DIVIDER AND COVERPLATE.	HUBBELL	HBL263/HBL79/HBL981	2,3,4
TV2	2-GANG RECESSED FPTV ENCLOSURE W/ STEEL COVER, 120V RECEPTACLE & DATA PER DWG'S	HUBBELL	NSAV62MNSAV6C/NSOKPTR	1,2,3

**AV AND TV BOX SCHEDULE NOTES:**

- MOUNT TV BOX AT 5'-0" AFF. FIELD VERIFY MOUNTING HEIGHT WITH TV AND OWNER PRIOR TO ROUGH-IN
- PROVIDE LV CONDUIT(S) AS INDICATED ON DRAWINGS TO ACCESSIBLE CEILING SPACE AND/OR FLOORBOX FOR ROUTING OF DATA AND/OR LOW VOLTAGE CABLING.
- PROVIDE REQUIRED MUDRINGS, TERMINATIONS, COVERPLATES, INSERTS AND ETC FOR COMPLETE INSTALLATION.
- PROVIDE 120V/20A DUPLEX RECEPTACLE, DATA INSERT AND BRUSH PASSTHROUGH INSERT, REFER TO DETAIL.

MECH. - EXHAUST FAN SCHEDULE								
EQUIP. ID	VOLTS / PH.	HP	WATTS	FLA	CIRCUIT	FEEDER	CONTROL	NOTES
EF-1	120 V / 1 PH.	N/A	100 W	1 A	C - 2	1/2"C, 2#12 + 1#12G	W/LIGHTS	1
EF-2	120 V / 1 PH.	N/A	100 W	1 A	C - 2	1/2"C, 2#12 + 1#12G	W/LIGHTS	1

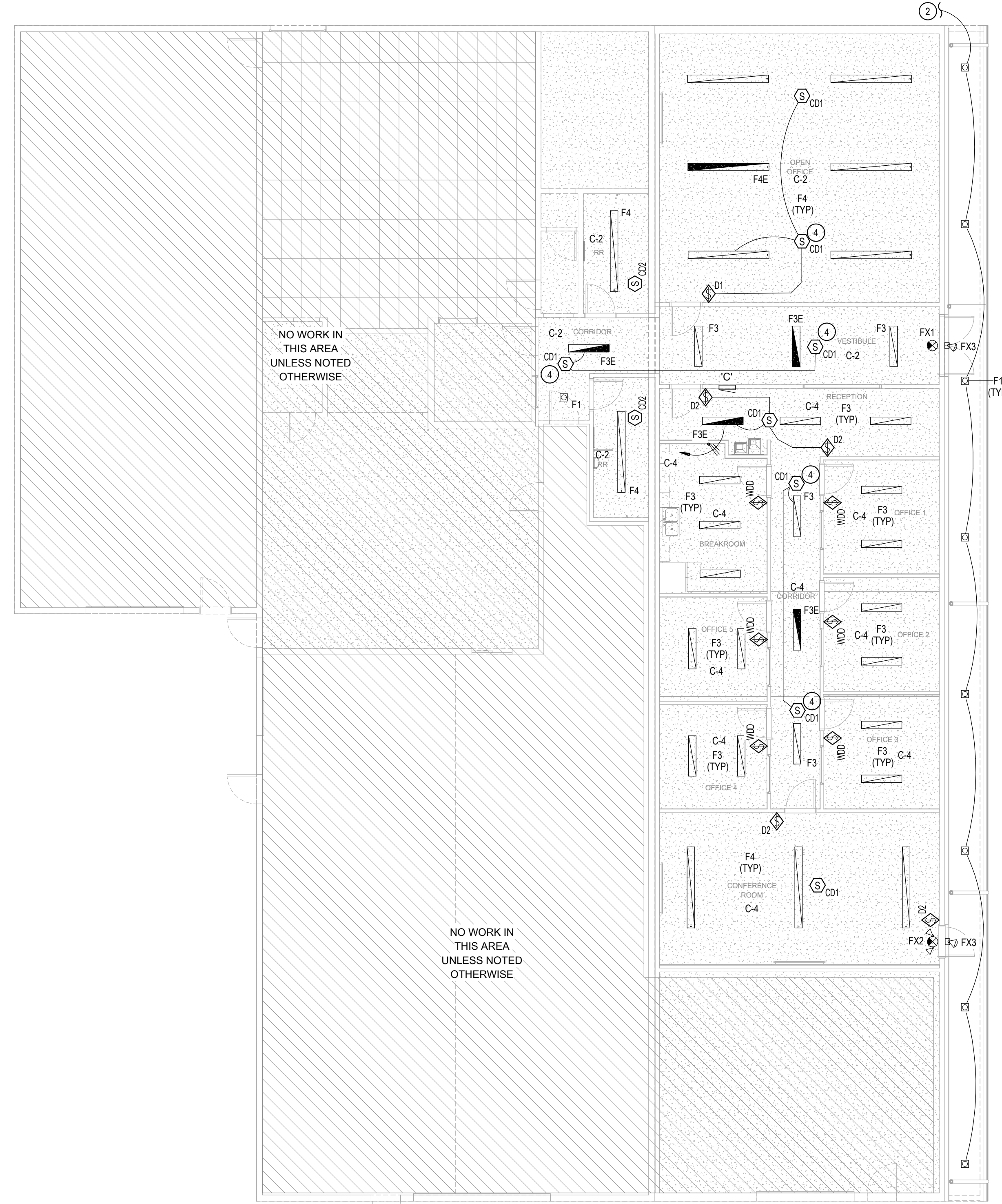
MECH. - CONDENSING UNIT SCHEDULE							
EQUIP. ID	VOLTS / PH.	MCA	MOCP	CIRCUIT	FEEDER	DISCONNECT	NOTES
CU-1	208 V / 1 PH.	14 A	20 A	D - 9,11	1/2"C, 2#12+1#12G	30 A - FUSED/3R	3,4
CU-2	208 V / 1 PH.	14 A	20 A	D - 5,7	1/2"C, 2#12+1#12G	30 A - FUSED/3R	3,4

- MECHANICAL SCHEDULE NOTES:**
- CIRCUIT AND CONTROL EXHAUST FAN WITH ROOM LIGHTING CIRCUIT.
  - E.C. SHALL PROVIDE LOCAL DISCONNECT RATED, THERMAL-OVERLOAD SWITCH FOR EQUIPMENT; SWITCH RATING SHALL NOT BE LESS THEN CIRCUIT BREAKER SUPPLYING EQUIPMENT.
  - E.C. SHALL PROVIDE LOCAL DISCONNECT SWITCH FOR EQUIPMENT; SIZE AND TYPE AS INDICATED IN SCHEDULE. IF FUSED DISCONNECT IS SPECIFIED FOR EQUIPMENT, FUSE PER EQUIPMENT NAMEPLATE RATING.
  - PROVIDE 1/2" CONDUIT AND CONDUCTORS BETWEEN FURNACE AND CORRESPONDING OUTDOOR CONDENSING UNIT. COORDINATE SIZE AND NUMBER OF CONDUCTORS WITH M.C. PRIOR TO ROUGH-IN. PROVIDE CONNECTION BETWEEN FURNACE AND ASSOCIATED OUTSIDE AIR MOTORIZED DAMPER, COORDINATE WITH M.C.

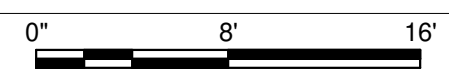
**GENERAL NOTES:**

A. REFER TO SYMBOL SCHEDULE SHEET FOR PROJECT GENERAL NOTES AND GENERAL NOTES ASSOCIATED WITH THE INSTALLATION OF EACH SYSTEM, INCLUDING BUT NOT LIMITED TO: LIGHTING, POWER, FIRE ALARM, SPECIAL SYSTEMS, ETC.

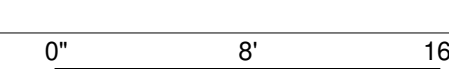
- KEY NOTES:**
- E.C. SHALL COORDINATE WITH G.C. FOR SAW CUTTING/PATCHING OF EXISTING SLAB FOR INSTALLATION OF FLOORBOX AND CONDUITS. E.C. SHALL STUB (1) 1 1/4" FROM LOW VOLTAGE SIDE OF FLOORBOX TO ACCESSIBLE ATTIC SPACE W/ PULL STRING FOR LOW VOLTAGE CABLING.
  - CONNECT TO EXISTING OUTSIDE LIGHTING CIRCUIT AND CONTROLS. E.C. SHALL FIELD VERIFY THAT EXISTING LIGHTING IS CONTROLLED BY TIMECLOCK/PHOTOCELL, IF NOT E.C. SHALL PROVIDE AND INSTALL PROGRAMMABLE TIMECLOCK AND EXTERIOR PHOTOCELL FOR CONTROL OF OUTSIDE LIGHTING.
  - EXISTING FLUSH MOUNTED ELECTRICAL PANEL TO BE DISCONNECTED, REMOVED AND REPLACED WITH NEW PANEL TO PROVIDE ADDITIONAL SPACE. DISCONNECT/RECONNECT ALL EXISTING BRANCH CIRCUITS THAT ARE TO REMAIN ACTIVE TO NEW PANEL, FIELD VERIFY CIRCUITS THAT ARE TO REMAIN.
  - CONNECT ALL OCCUPANCY SENSORS IN ROOM IN PARALLEL SO THAT ANY OCC. SENSOR WILL TURN ON ALL ROOM LIGHTING.



**1 LIGHTING PLAN**  
SCALE: 1/8" = 1'-0"



**2 POWER/SYSTEMS PLAN**  
SCALE: 1/8" = 1'-0"



OCT. 2023

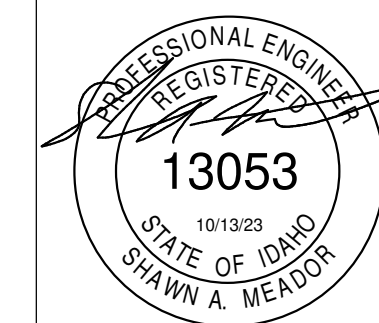
Project Number  
FILER SCHOOL DIST.  
289 US-30, FILER, ID 83328  
ELECTRICAL PLANS

**Laughlin Ricks Architecture**  
—  
architecture/planning  
134 3RD AVE. E. # Twin Falls, Idaho 83301  
PHONE: (208) 736-8050

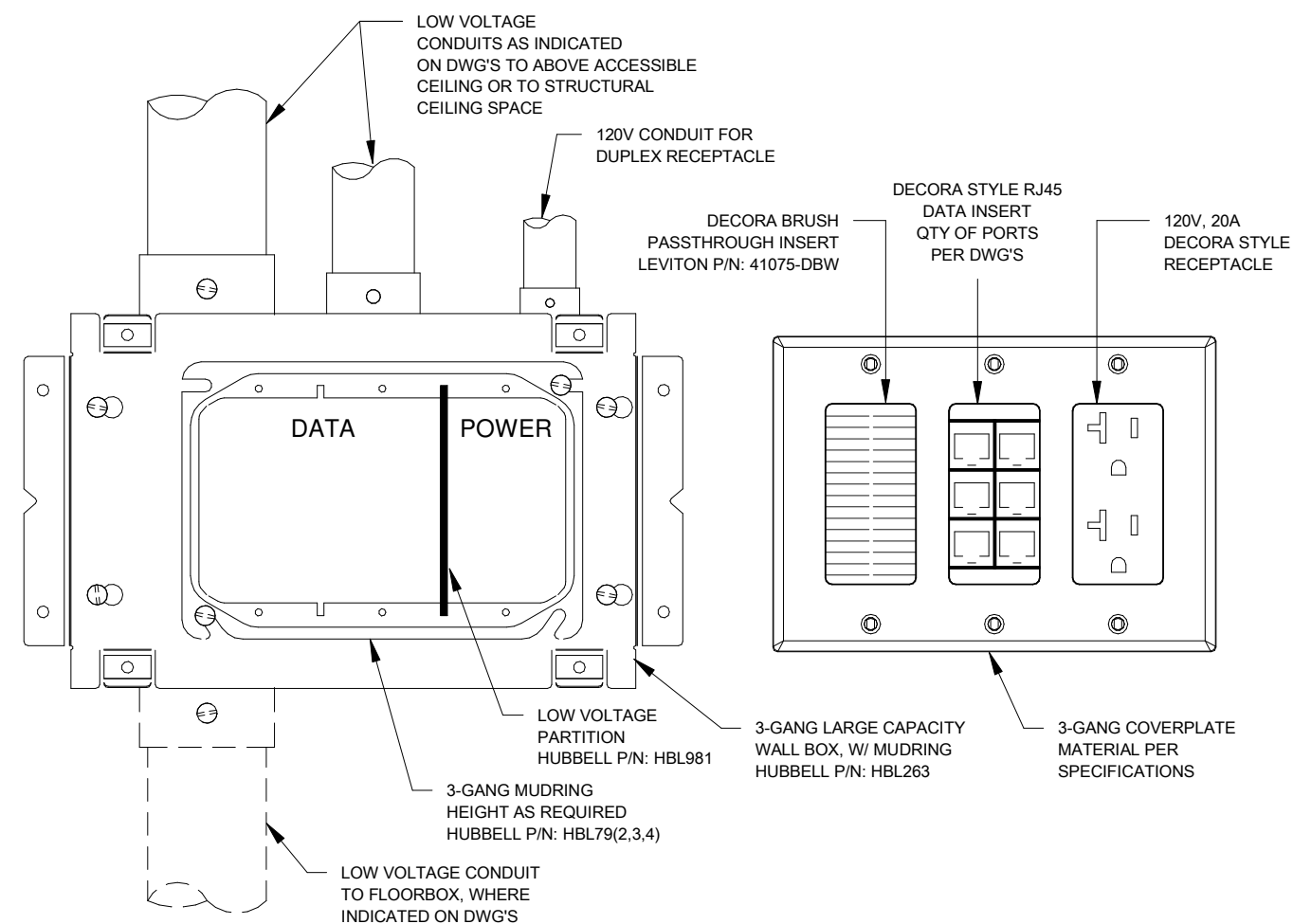
DATE: OCT. 2023

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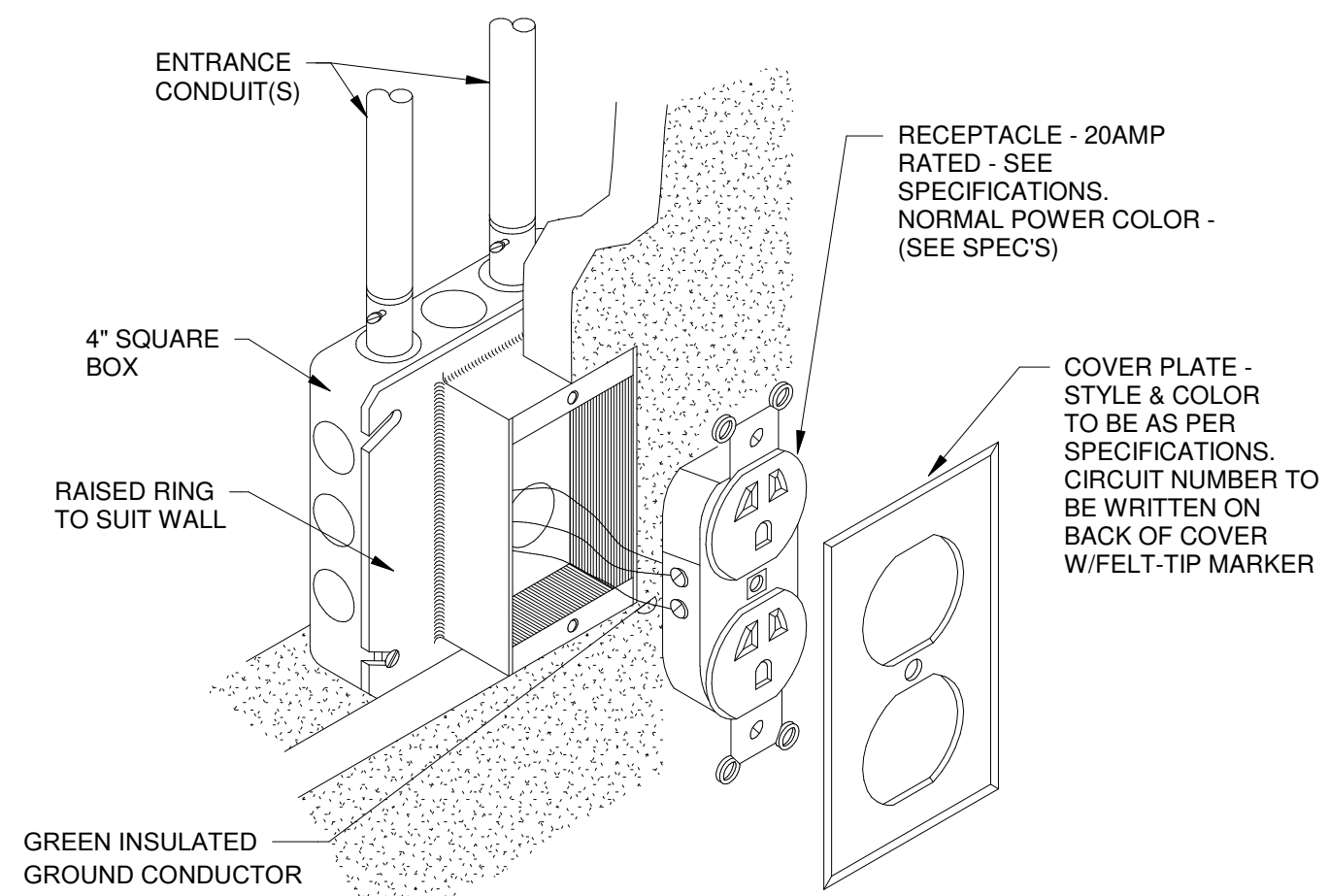


PROJECT #: 23110  
**IPAYNE**  
Engineering Inc.  
1823 E. Center  
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www.payneengineeringinc.com



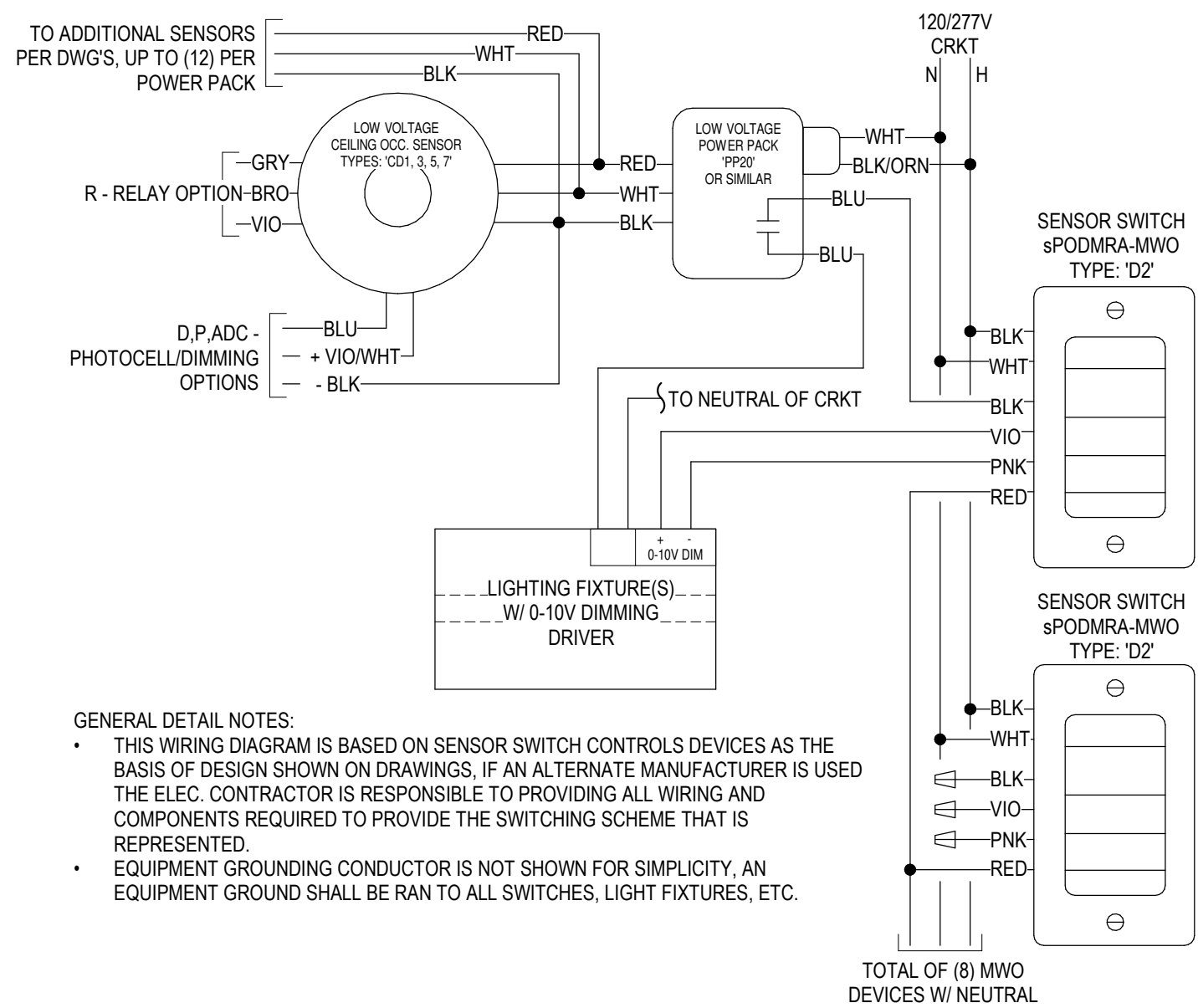
1 AV3 LARGE CAPACITY 3-GANG BOX DETAIL

SCALE: NONE



2 RECEPTACLE MOUNTING DETAIL

SCALE: NONE



3 LV OCC. SENSOR W/ TYPE 'D2' SWITCH DIAGRAM

SCALE: NONE

LIGHTING FIXTURE SCHEDULE										
TYPE	DESCRIPTION	MOUNTING	VOLTS	WATTS	LUMENS	COLOR TEMP.(K)	MFG.	CATALOG #	APPROVED MFG'S	NOTES
F1	6" ROUND RECESSED LED CAN, FIELD SELECTABLE CCT/LUMENS	RECESSED	120-277	25 W		4000	LITHONIA		COOPER	
F3	4FT LED WRAPAROUND	SURFACE	120-277	45 W	5000	4000	COOPER LTG	4WSL-LD2-50-SRS-UNV-L840-CD1-U		1
F3E	4FT LED WRAPAROUND, EMERG. BATTERY PACK	SURFACE	120-277	45 W	5000	4000	COOPER LTG	4WSL-LD2-50-SRS-UNV-EL14W-L840-CD1-U		1
F4	8FT LED WRAPAROUND	SURFACE	120-277	73 W	8000	4000	COOPER LTG	8WSL-LD2-80-SRS-UNV-L840-CD1-U	LITHONIA	1
F4E	8FT LED WRAPAROUND, EMERG. BATTERY PACK	SURFACE	120-277	73 W	8000	4000	COOPER LTG	8WSL-LD2-80-SRS-UNV-EL14W-L840-CD1-U	LITHONIA	1
FX1	EXIT SIGN W/ 90MIN BATTERY, THERMOPLASTIC, GREEN LED, SINGLE/DOUBLE FACE	WALL OR CEILING	120-277	2 W	N/A	N/A	LITHONIA	LQM-S-W-3-G-20/277-EL N	COOPER	
FX2	EXIT SIGN/EM LIGHT COMBO W/ 90MIN BATTERY, THERMOPLASTIC, GREEN LED, SINGLE/DOUBLE FACE	WALL OR CEILING	120-277	2 W	N/A	N/A	LITHONIA	LHQM LED-G-SD	COOPER	
FX3	WALL MOUNTED EXTERIOR EMERGENCY EGRESS LIGHT, W/HEATER	WALL ABOVE DOOR	120-277	35 W	N/A	N/A	LITHONIA	AFF-OEL-SCBA-UVOLT-LTP-SDRT-WT-CW	DUAL-LITE	

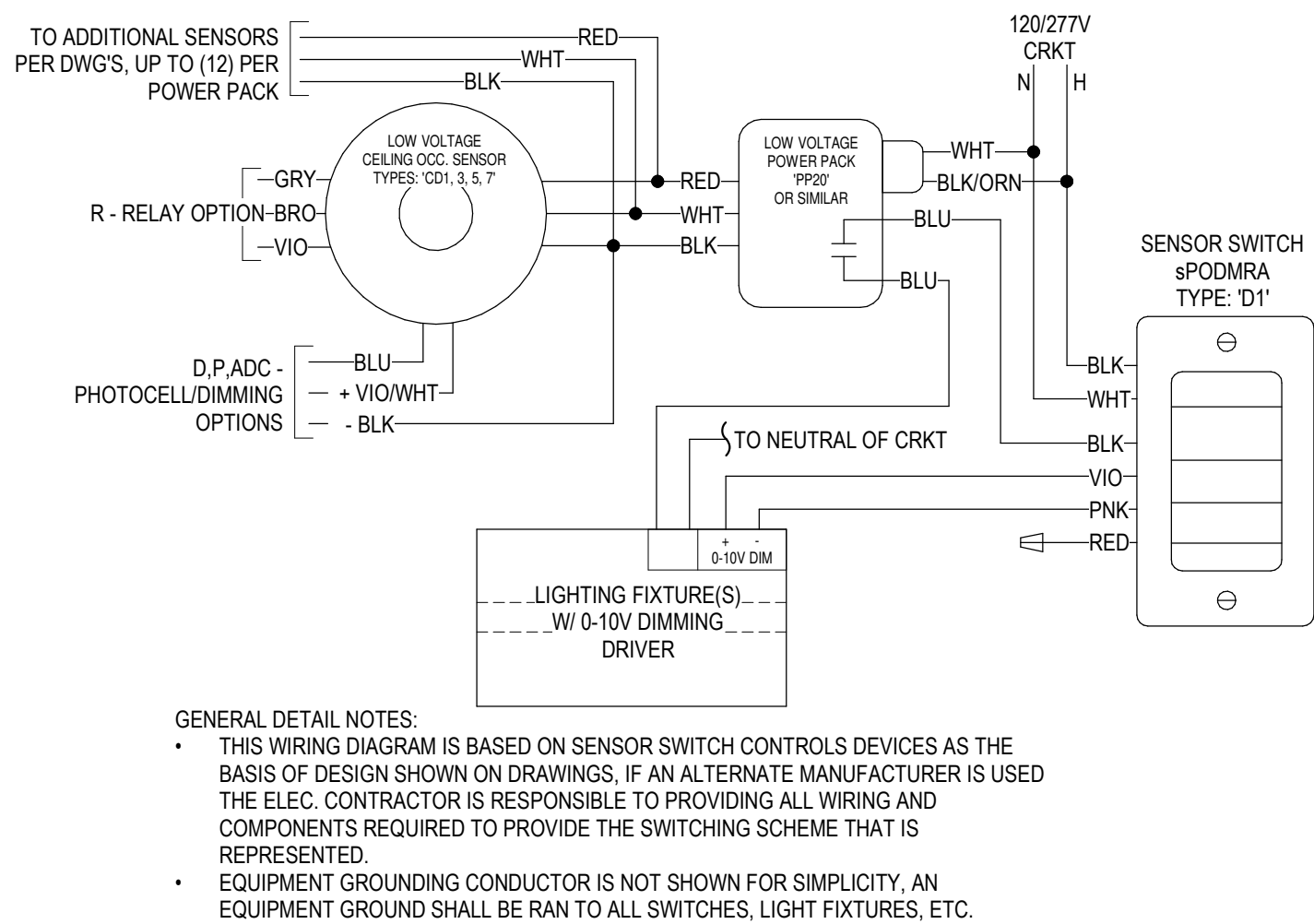
- LIGHT FIXTURE SCHEDULE NOTES:**
- REFER TO DRAWINGS FOR FIXTURES REQUIRED TO HAVE 0-10V OR STEP-LEVEL DIMMING CONTROL. PROVIDE FIXTURE(S) WITH LED DRIVER(S) AND REQUIRED DIMMING/SWITCH-LEG CONDUCTORS BETWEEN SWITCH(ES) AND FIXTURE(S) TO PROVIDE CONTROL AS INDICATED ON DRAWINGS.
  - FIXTURE TO BE CONTINUOUS ROW MOUNTED, LENGTH AS INDICATED ON DRAWINGS. PROVIDE REQUIRED ACCESSORIES/CONNECTORS FOR CONTINUOUS ROW MOUNTING.
  - SCBA - STANDARD COLOR BY ARCHITECT/OWNER (COORDINATE COLOR WITH ARCHITECT/OWNER PRIOR TO ORDERING.)

- GENERAL LIGHTING SCHEDULE NOTES:**
- LIGHTING FIXTURES INDICATED IN SCHEDULE ARE BASIS OF DESIGN. ALTERNATE MANUFACTURERS SHALL BE PRE-APPROVED BY ADDENDUM. ALTERNATE MANUFACTURERS SHALL SUBMIT PER-APPROVALS TO ENGINEER A MINIMUM OF 10 DAYS PRIOR TO PROJECT BID DATE.

LIGHTING CONTROL/OCCUPANCY SENSOR SCHEDULE					
TYPE	DESCRIPTION	MFG.	CATALOG #	APPROVED EQUALS	NOTES
<b>DIMMER SWITCHES - LINE VOLTAGE</b>					
D1	LINE VOLTAGE 0-10V DIMMER, ON/OFF/DIMMING PUSH-BUTTONS	SENSOR SWITCH	sPDMRA-D-**	COOPER	2,3,4
D2	LINE VOLTAGE 0-10V DIMMER FOR MULTI-WAY OPERATION, ON/OFF/DIMMING PUSH-BUTTONS	SENSOR SWITCH	sPDMRA-MWO-D-**	COOPER	2,3,4
<b>OCC. SENSORS - CEILING (LINE VOLTAGE)</b>					
CD2	DUAL-TECHNOLOGY, LINE VOLTAGE, SMALL MOTION 800W MAX LOAD	SENSOR SWITCH	CMR PDT 9	COOPER, WATTSOPPER, HUBBELL	
<b>OCC. SENSORS - CEILING (LOW VOLTAGE)</b>					
CD1	DUAL-TECHNOLOGY, SMALL MOTION 360 DEGREE COVERAGE, LOW VOLTAGE, W/ISOLATED RELAY	SENSOR SWITCH	CM PDT 9 R	COOPER, WATTSOPPER, HUBBELL	1
<b>OCC. SENSORS - WALL MOUNTED</b>					
WDD	DUAL-TECHNOLOGY, 0-10V DIMMING	SENSOR SWITCH	WSX-PDT-D	COOPER, WATTSOPPER, HUBBELL	2,5

- CONTROL & OCCUPANCY SENSOR SCHEDULE NOTES:**
- PROVIDE ADDITIONAL POWER PACKS; SENSOR SWITCH PP20 AS NEED FOR QTY OF OCCUPANCY SENSORS/SWITCHES.
  - DEVICE COLOR SHALL MATCH WIRING DEVICES; REFER TO SPECIFICATIONS.
  - REFER TO MANUFACTURER DOCUMENTATION FOR QTY AND SIZE OF CONDUCTORS BETWEEN LOW VOLTAGE SWITCH, SENSOR(S) AND POWER/RELAY PACKS.
  - PROVIDE SECONDARY RELAY PACK; SENSOR SWITCH SP20 AS NEEDED TO PROVIDE DUAL-LEVEL SWITCHING OF FIXTURES.
  - PROVIDE 0-10V DIMMING CONDUCTORS (GRAY & VIOLET) BETWEEN SWITCH AND LIGHT FIXTURES FOR DIMMING CONTROL.
  - PROGRAM ON/OFF TIMES OF RELAY'S AS DIRECTED BY OWNER. PROVIDE COMMISSIONING AS INDICATED IN GENERAL NOTES BELOW.

- GENERAL LIGHTING CONTROL NOTES:**
- E.C. SHALL BE RESPONSIBLE FOR THE PROGRAMMING/COMMISSIONING OF THE LIGHTING CONTROL SYSTEMS TO FUNCTION AS INDICATED ON THE DRAWINGS AND SHALL INCLUDE ALL REQUIRED COST IN THE BASE BID. FOR AREAS WITH DAYLIGHTING CONTROL, THE DAYLIGHTING SET-POINTS SHALL BE COORDINATED WITH THE OWNER FOR EACH AREA PRIOR TO FINAL PROGRAMMING OF THE DAYLIGHTING SENSOR(S). ALL PROGRAMMING/COMMISSIONING SHALL BE DONE BY A FACTORY CERTIFIED OR TRAINED PERSON.
  - LIGHTING IS SPACES WITH WIRELESS CONTROLS SHALL BE FIELD TUNED TO FOOTCANDLE LEVELS THAT ARE SATISFACTORY TO THE OWNER DURING PROGRAMMING AND COMMISSIONING OF THE WIRELESS CONTROL SYSTEM.



4 LV OCC. SENSOR W/ TYPE 'D1' SWITCH DIAGRAM

SCALE: NONE

**PANEL: C**

**LOCATION:** RECEPTION 2  
**FED FROM:** B  
**MOUNTING:** FLUSH  
**ENCLOSURE:** NEMA 1  
**MFG & MODEL:** SQ, D/QO LOADCENTER

**VOLTAGE:** 120/208 Wye  
**PHASES:** 3  
**WIRES:** 4  
**BUSSING:** SEE SPEC'S  
**DIMENSIONS:** 20"W x 3.75"D x "H"

**A.I.C. RATING:** 10k  
**PANEL TYPE:** MLO  
**PANEL AMPS:** 100 A  
**MBR AMPS:** N/A  
**FEED:** TOP

**PROJECT:** FILER SCHOOL DIST.

CKT	CIRCUIT DESCRIPTION	NOTE	AMPS	P	A	B	C	P	AMPS	NOTE	CIRCUIT DESCRIPTION	CKT	
1	EXISTING LOAD	--	20 A	1	0	989			1	20 A	Lighting	2	
3	EXISTING LOAD	--	20 A	1			0	1074			Lighting	4	
5	EXISTING LOAD	--	20 A	1			0	0	1	20 A	SPARE	6	
7	EXISTING LOAD	--	20 A	1	0	0			1	20 A	SPARE	8	
9	EXISTING LOAD	--	20 A	1			0	0		1	20 A	SPARE	10
11	EXISTING LOAD	--	20 A	1			0	1500		1	20 A	Receptacle	12
13	EXISTING LOAD	--	20 A	1	0	540				1	20 A	Receptacle	14
15	EXISTING LOAD	--	20 A	1			0	1080		1	20 A	Receptacle	16
17	EXISTING LOAD	--	20 A	1			0	1080		1	20 A	Receptacle	18
19	EXISTING LOAD	--	20 A	2	0	900				1	20 A	Receptacle	20
21	EXISTING LOAD	--	20 A	2			0	1080		1	20 A	Receptacle	22
23	EXISTING LOAD	--	20 A	2			0	1080		1	20 A	Receptacle	24
25	EXISTING LOAD	--	20 A	2	0	--				1	--	PREPARED SPACE	26
27	EXISTING LOAD	--	20 A	2			0	--		1	--	PREPARED SPACE	28
29	SPARE	--	20 A	1			0	--		1	--	PREPARED SPACE	30
31	SPARE	--	20 A	1	0	--				1	--	PREPARED SPACE	32
33	SPARE	--	20 A	1			0	--		1	--	PREPARED SPACE	34
35	SPARE	--	20 A	1			0	--		1	--	PREPARED SPACE	36
37	SPARE	--	20 A	1	0	--				1	--	PREPARED SPACE	38
39	SPARE	--	20 A	1			0	--		1	--	PREPARED SPACE	40
41	SPARE	--	20 A	1			0	--		1	--	PREPARED SPACE	42
<b>TOTAL LOAD:</b>			2.4 kVA	3.2 kVA	3.7 kVA								
<b>TOTAL AMPS:</b>			20 A	28 A	32 A								
<b>TOTAL ESTIMATED DEMAND AMPS:</b>			26 A										

**BRK NOTES:**  
A = ARC-FAULT BREAKER    GP = GFPE BREAKER    LCP = CRKT TO BE ROUTED THROUGH LTG CONTROL PANEL  
S = SHUNT-TRIP BREAKER    G = GFCL BREAKER    R = RED HANDLED, LOCK-OUT TYPE

**PANEL: D**

**LOCATION:** RECEPTION 2  
**FED FROM:** B  
**MOUNTING:** SURFACE  
**ENCLOSURE:** NEMA 1  
**MFG & MODEL:** SQ, D/QO LOADCENTER

**VOLTAGE:** 120/208 Single  
**PHASES:** 1  
**WIRES:** 3  
**BUSSING:** SEE SPEC'S  
**DIMENSIONS:** 20"W x 5.8"D x "H"

**A.I.C. RATING:** 10k  
**PANEL TYPE:** MLO  
**PANEL AMPS:** 100 A  
**MBR AMPS:** N/A  
**FEED:** TOP

**PROJECT:** FILER SCHOOL DIST.

CKT	CIRCUIT DESCRIPTION	NOTE	AMPS	P	A	B	P	AMPS	NOTE	CIRCUIT DESCRIPTION	CKT
1	Receptacle		20 A	1	720	0		1	20 A	SPARE	2
3	Receptacle		20 A	1		900	0	1	20 A	SPARE	4
5					1165	0		1	20 A	SPARE	6
7	HVAC		20 A	2		1165	0	1	20 A	SPARE	8
9	HVAC		20 A	2	1165	0		1	20 A	SPARE	10
11						1165	0	1	20 A	SPARE	12
13	PREPARED SPACE	--	--	1	--	0		1	20 A	SPARE	14
15	PREPARED SPACE	--	--	1	--	0		1	20 A	SPARE	16
17	PREPARED SPACE	--	--	1	--	0		1	20 A	SPARE	18
19	PREPARED SPACE	--	--	1	--	--	--	1	--	PREPARED SPACE	20
21	PREPARED SPACE	--	--	1	--	--	--	1	--	PREPARED SPACE	22
23	PREPARED SPACE	--	--	1	--	--	--	1	--	PREPARED SPACE	24
25	PREPARED SPACE	--	--	1	--	--	--	1	--	PREPARED SPACE	26
27	PREPARED SPACE	--	--	1	--	--	--	1	--	PREPARED SPACE	28
29	PREPARED SPACE	--	--	1	--	--	--	1	--	PREPARED SPACE	30
<b>TOTAL LOAD:</b>			3.0 kVA	3.2 kVA							
<b>TOTAL AMPS:</b>			29 A	31 A							
<b>TOTAL ESTIMATED DEMAND AMPS:</b>			30 A								

**BRK NOTES:**  
A = ARC-FAULT BREAKER    GP = GFPE BREAKER    LCP = CRKT TO BE ROUTED THROUGH LTG CONTROL PANEL  
S = SHUNT-TRIP BREAKER    G = GFCL BREAKER    R = RED HANDLED, LOCK-OUT TYPE

**PROFESSIONAL ENGINEER**  
REGISTERED  
13053  
STATE OF IDAHO  
SHAWN A. MEADOR

PROJECT #: 23110  
**IPAYNE**  
Engineering Inc.  
1823 E. Center  
Pocatello, Idaho 83201  
tel (209) 232-4439  
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OCT. 2023

DATE

Project Number  
FILER SCHOOL DIST.  
289 US 30, FILER, ID 83428  
ELECTRICAL SCHEDULES & DETAILS

Laughlin Ricks Architecture  
architecture/planning  
134 3RD AVE. E. # Twin Falls, Idaho 83301  
PHONE: (208) 756-8050

DATE: OCT. 2023  
SAM TEP  
Drawn Checked  
**E2.0**