

Addendum No 1

12-8-23

Filer School District Office

This addendum addresses the following:

- Bid Date to remain December 14th 2023 bids due by 2:00PM MST Email for bids: filerschoolbids@starrcorporation.com
- Revised Door Schedule and hardware
- Provide (4) total fire Extinguishers)
- Revised Drawings See clouds on the attached drawings: A0-0, A0-1, A1-2, A2-1, A2.2, A7-1, A9-0, MP1-0, MP1-1, MP2-1, E0.0, E0.1, E1.0. E2.0
- NOTE: P-LAM WINDOW TRIM & CHAIR RAIL TO PART OF BP-04 MILLWORK PACKAGE
- NOTE INSULATION ABOVE NEW GYPSUM BOARD CEILING TO BE PART OF BID PACKAGE BP-08 DRYWALL (R-38 BATTS ARE ACCETABLE)





134 3rd Ave E
Twin Falls, ID 83301
208.736.8050

Addendum NO. 1

PROJECT: A Modernization For: Filer School District Office
Date: December 7, 2023

To the General Contractor, Subcontractors and Suppliers:

The following items contain additions, deletions, or modifications to the Plans and Specifications. This Addendum forms a part of the Contract Documents and shall be bound inside the cover of the Project Manual.

General Contractor shall be responsible for contacting their sub-contractors as this addendum may affect them.

Bidders shall acknowledge receipt of this Addendum on the Contractor Bid Proposal.

GENERAL NOTES:

1. All door hardware shall be 26D Aluminum Anodized Finish
2. Door 1 & 2 shall provide for card readers as follows:
 - a. JW-RCNE RED CLOUDNODE -ETHERNET ONLY
 - b. IM-1240 12V 4.5AMP SEALED LEAD ACID BATTERY
 - c. JW-PP08RDRK 26BIT WIEGAND MULLION KEYPAD / CARD READER
 - d. MISC WIRELESS DOORBELL WITH CHIME
 - e. DOOR CONTACT HARD WIRED DOOR

SPECIFICATIONS MANUAL:

SECTION 104416 – FIRE EXTINGUISHERS, CABINETS, AND ACCESSORIES

At PART 3 EXECUTION, INSTALLATION

DELETE: (~~provide 8 total fire extinguishers~~)

ADD: (provide 4 total fire extinguisher)

SECTION 087100 DOOR HARDWARE

REPLACE IN ITS ENTIRETY

ARCHITECTURAL DRAWINGS

REVISE Sheet A0-0 per Attached.

REVISE Sheet A0-1 per Attached.

REVISE Sheet A1-2 per Attached.

REVISE Sheet A2-1 per Attached.

REVISE Sheet A2-2 per Attached.

REVISE Sheet A7-1 per Attached.

REVISE Sheet A9-0 per Attached.

laughlin ricks architecture

MECHANICAL PLUMBING DRAWINGS

REVISE Sheet MP1.0 per attached
REVISE Sheet MP1.1 per attached
REVISE Sheet MP2.1 per attached

ELECTRICAL DRAWINGS

REVISE Sheet E0.0 per Attached.
REVISE Sheet E0.1 per Attached.
REVISE Sheet E1.0 per Attached.
REVISE Sheet E2.0 per Attached.

APPROVED SUBSTITUTION REQUESTS

1. 083613 SECTIONAL OVERHEAD DOORS: Overhead Door, Thermacore 591

Summary of Attachments to Addendum No. 1

(Bidders check to verify receipt of all attachments.)

OTHER

Specification manual: 087100 DOOR HARDWARE

ARCHITECTURAL DRAWINGS

Sheet A0-0
Sheet A0-1
Sheet A1-2
Sheet A2-1
Sheet A2-2
Sheet A7-1
Sheet A9-0

MECHANICAL PLUMBING DRAWINGS

Sheet MP1.0
Sheet MP1.1
Sheet MP2.1

ELECTRICAL DRAWINGS

Sheet E0.0
Sheet E0.1
Sheet E1.0
Sheet E2.0






END OF ADDENDUM No. 1

Filer School District Office

102850 OPT0350840 Version 2








HARDWARE GROUP NO. 01

For use on Door #(s):

			3	4	5	6	8	
9			10	13				
Provide each SGL door(s) with the following:								
3	EA	HINGE			5BB1 4.5 X 4.5 (NRP AS REQUIRED)		652	IVE
1	EA	CLASSROOM LOCK			ND70HD RHO		626	SCH
1	EA	PERMANENT CORE			AS REQUIRED		626	BES IC
1	EA	WALL STOP			WS406/407CCV		630	IVE
3	EA	SILENCER			SR64		GRY	IVE








HARDWARE GROUP NO. 02

For use on Door #(s):

			11	12				
Provide each SGL door(s) with the following:								
3	EA	HINGE			5BB1 4.5 X 4.5 (NRP AS REQUIRED)		652	IVE
1	EA	PRIVACY LOCK			ND40S RHO		626	SCH
1	EA	SURFACE CLOSER			4040XP		689	LCN
1	EA	KICK PLATE			8400 10" X 2" LDW B-CS		630	IVE
1	EA	WALL STOP			WS406/407CCV		630	IVE
1	EA	SET GASKETING			488SBK		BK	ZER
1	EA	COAT AND HAT HOOK			582		626	IVE

HARDWARE GROUP NO. 03

For use on Door #(s):

			7					
Provide each SGL door(s) with the following:								
1	EA	CONT. HINGE			700		630	IVE
1	EA	PANIC HARDWARE			98-L-06		626	VON
1	EA	PERMANENT CORE			AS REQUIRED		626	BES IC
1	EA	SFIC RIM CYL.(W/ CONSTRUCTION CORE)			AS REQUIRED		626	SCH
1	EA	SURFACE CLOSER			4040XP SCUSH		689	LCN
1	EA	KICK PLATE			8400 10" X 2" LDW B-CS		630	IVE
3	EA	SILENCER			SR64		GRY	IVE















Filer School District Office

HARDWARE GROUP NO. AL01

For use on Door #(s):

1

Provide each PR door(s) with the following:

2	EA	CONT. HINGE	112XY		628	IVE
1	EA	PANIC HARDWARE	9899-EO		626	VON
1	EA	PANIC HARDWARE	9899-NL-OP-110MD		626	VON
1	EA	PERMANENT CORE	AS REQUIRED		626	BES IC
1	EA	Electric Strike	9000 Series		626	HES
2	EA	OFFSET PULL	8190HD 10"		630	IVE
2	EA	OH STOP	100S ADJ		630	GLY
2	EA	SURFACE CLOSER	4040XP EDA		689	LCN
2	EA	PA MOUNTING PLATE	4040XP-18PA SRT		689	LCN
2	EA	CUSH SHOE SUPPORT	4040XP-30 SRT		689	LCN
2	EA	BLADE STOP SPACER	4040XP-61 SRT		689	LCN
1	SET	SEALS	BY DOOR / FRAME MANUFACTURER			
2	EA	DOOR SWEEP	39A		A	ZER
1	EA	THRESHOLD	VERIFY SILL CONDITION		A	ZER
1	EA	REMOV. MULLION	KR 4956		Paint	VON

HARDWARE GROUP NO. OH01

For use on Door #(s):

14 15

Provide each RU door(s) with the following:








1 HARDWARE BY
MANUFACTURER

HARDWARE GROUP NO. 04

For use on Door #(s):

2

Provide each SGL door(s) with the following:

3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQUIRED)		652	IVE
1	EA	ELECTRIC STRIKE	9000 SERIES		626	HES
1	EA	PERMANENT CORE	AS REQUIRED		626	BES IC
1	EA	WALL STOP	WS406/407CCV		630	IVE
3	EA	SILENCER	SR64		GRY	IVE
1	EA	SURFACE CLOSER	4040XP EDA		689	LCN
1	EA	PANIC HARDWARE	9899		26D	VON

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

SHEET INDEX	
Sheet Number	Sheet Name
A0-0	TITLE SHEET
A0-1	EXIT PLAN
A0-2	CODE COMPLIANCE
A1-0	OVERALL VICINITY MAP
A1-1	SITE PLAN
A1-2	DEMO FLOOR PLAN
A1-3	DEMO CEILING PLAN
A1-4	DEMO EXTERIOR ELEVATIONS
A2-1	FLOOR PLAN
A2-2	DIMENSION & INT ELEVATION PLANS
A3-1	EXTERIOR ELEVATIONS
A5-0	BUILDING SECTION
A5-1	BUILDING SECTION
A7-1	REFLECTIVE CEILING PLAN
A8-0	INTERIOR ELEVATIONS
A8-1	INTERIOR ELEVATIONS
A9-0	FINISH & DOOR SCHEDULES
A10-1	DETAILS - SITE
A10-2	DETAILS - DOORS, WINDOWS, CASEWORK
MP1-0	MECHANICAL DEMOLITION PLAN
MP1-1	MECHANICAL FLOOR PLAN
MP2-1	MECH/PLMB SCHEDULES & DETAILS
E0.0	ELECTRICAL SYMBOLS & DETAILS
E0.1	EXISTING ELEC & NEW FIRE ALARM PLANS
E1.0	ELECTRICAL PLANS
E2.0	ELECTRICAL SCHEDULES & DETAILS

GENERAL NOTES:

- ALL WORK SHALL MEET CURRENT ADOPTED STATE, LOCAL CODES, ORDINANCES, 2018 IBC, AND 2018 IEBC CHANGE OF OCCUPANCY COMPLIANCE METHOD
- 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

1011.5.2 HEIGHT AND AREA FOR CHANGE TO AN EQUAL OR LESSER-HAZARD CATEGORY, WHERE A CHANGE OF OCCUPANCY CLASSIFICATION IS MADE TO AN EQUAL OR LESSER-HAZARD CATEGORY AS SHOWN IN 1011.5, THE HEIGHT AND AREA OF THE EXISTING BUILDING SHALL BE DEEMED ACCEPTABLE.

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	DWG	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	PAPER TOWEL TREATED	TYP	TYPICAL
AW	ACOUSTICAL WALL	EA	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	MDO	MEDIUM DENSITY	RSF	RUBBER SHEET FLOORING	VR	VAPOR RETARDER
CBT	CATCH BASIN	EXP	EXPANSION	MECH	MEDIUM DENSITY	S	SOUTH	VT	VINYL TILE
CG	CORNER GUARD	EXT	EXTERIOR	MFR	MANUFACTURE (-R)	SCU	SOLID CORE	WVF	VINYL WALL FABRIC
CJ	CONCRETE JOINT	EQ	EQUAL	MIN	MINIMUM	SD	SOAP DISPENSER	W	WEST
CL	CENTERLINE	FD	FLOOR DRAIN	MISC	MISCELLANEOUS	SDSV	STATIC DISIPATIVE SHEET VINYL	W/C	WATER CLOSET
CLG	CEILING	FE	FIRE EXTINGUISHER	MRGB	MOISTURE RESISTANT	SF	SPECIALTY FINISH	WD	WOOD
CLR	CLEAR (-ANCE)	FEC	FIRE EXTINGUISHER CABINET	MTL	METAL	SFGL	SAFETY GLASS	W/D	WASHER & DRYER
CMT	CERAMIC MOSAIC TILE	FF	FACTORY FINISH, FINISH FLOOR	N	NORTH	SHTG	SHEATHING	WDO	WINDOW
CMU	CONCRETE MASONRY UNIT	FIN	FINISH (-ED)	NA, N/A	NOT APPLICABLE	SM	SIMILAR	WF	WALL FABRIC
CO	CLEAN OUT	FLR	FLOOR (-ING)	NC	NOT IN CONTRACT	SL	SLOPE	WFV	WOOD FACE VENEER
COL	COLUMN	FND	FOUNDATION	NDU	NOT TO SCALE	SN	SANITARY NAPKIN DISPENSER	WG	WIRE GUARD
CONC	CONCRETE	FOC	FACE OF CONCRETE	NOM	NOMINAL	SP	SPACE (-S)	WGL	WIRED GLASS
CONT	CONTINUOUS, CONTINUE	FRP	FIBERGLASS REINFORCED	NTS	NOT TO SCALE	SPC	SPECIFICATION	WM	WIRE MESH
CORR	CORRIDOR	FRV	FLAME RESISTANT VAPOR BARRIER	OC	ON CENTER	SQ	SQUARE	W/O	WITHOUT
CP	CARPET	FT	FOOT, FEET	OD	OUTSIDE DIAMETER	S/S	STAINLESS STEEL	WOC	WALK-OFF CARPET
CS	CONCRETE SLAB, SEALED	FTG	FOOTING	OPP	OPPOSITE	ST	STAIN	WP	WATERPROOFING
CT	CERAMIC TILE	FWC	FABRIC WALL COVERING	PCM	PRE-FACED CMU	STL	STEEL	WPS	WALL PROTECTION SYSTEM
CTJ	CONTROL JOINT	GA	GAUGE			STR	STRUCTURE (-AL)	WR	WATER RESISTANT
CTR	COUNTER (-TOP)	GALV	GALVANIZED			STRG	STORAGE	WRB	WATER RESISTANT GYPSUM
DBL	DOUBLE	GH	GARMENT HOOK			SV	SHEET VINYL FLOORING	W	WALLBOARD
DET	DETAIL	GMM	GLASS MESH MORTAR BOARD					WWF	WELDED WIRE FABRIC
								W/	WITH

PLAN ANALYSIS
Based on 2018 Edition of I.B.C. & I.E.B.C. CHANGE OF OCCUPANCY

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 65

Allowable Stories Per Code: 1 Provided: 1 (IBC Table 505.4) Total: 84

Floor Area: Basement: 1st: 3,111 S.F. Exits Required: Basement: 1st: 3 PROVIDED

Mezzanine: 3rd: Total: 9,656 S.F. 2nd: 3rd: 4th:

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: (E) IBC 1011.5.2

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: (E) IBC 1011.5.2 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 Nonbearing Walls-Interior: (10'-30' Fire Separation) Yes: No: X

Rated Floor Construction: Yes: No: X

Rated Roof Construction: Yes: No: X

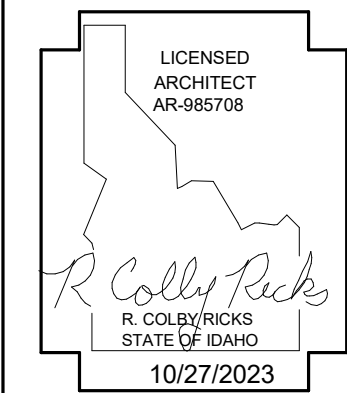
Lighting Layout and COM Check? Yes: X No:

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



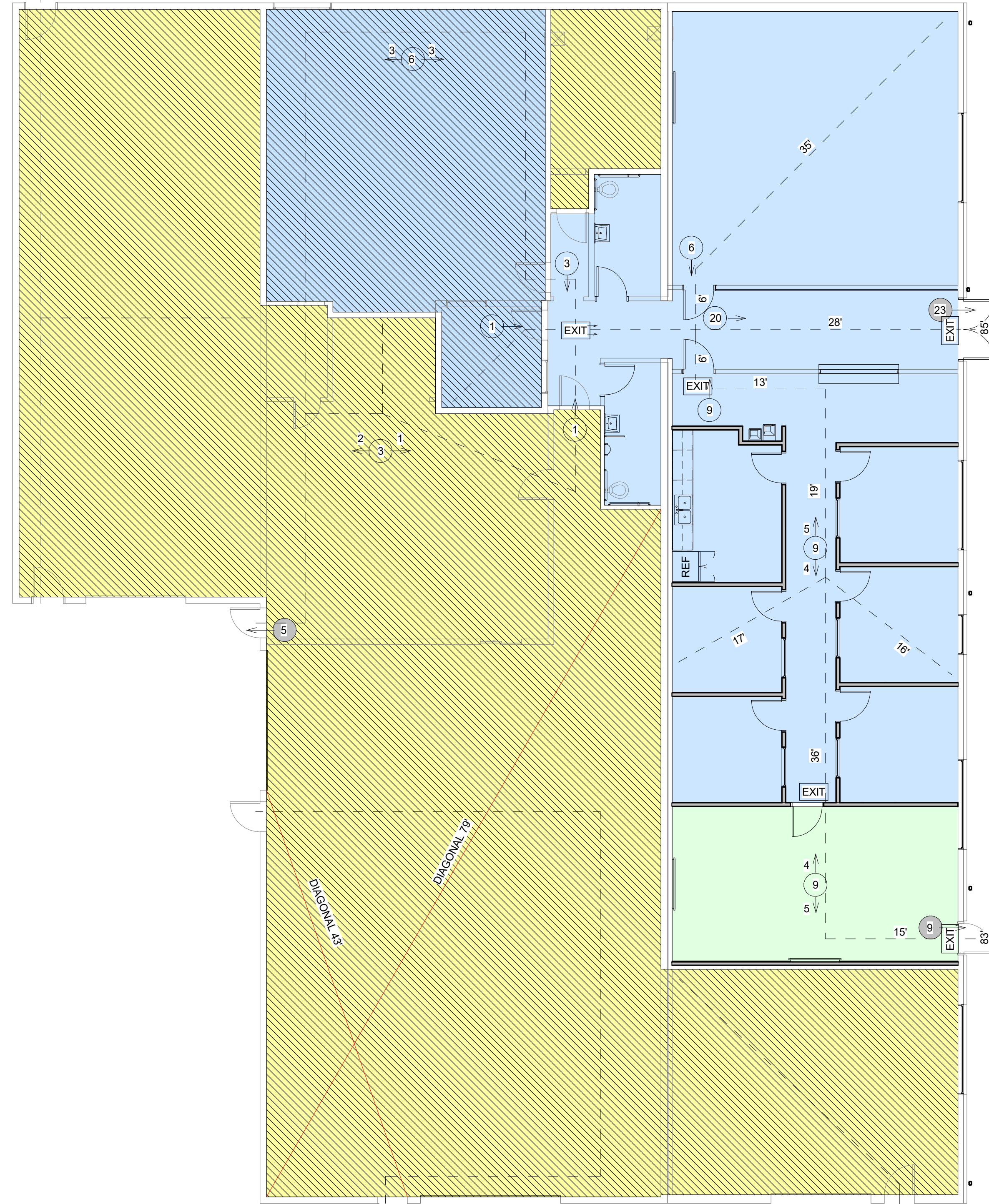
DATE: 12/7/23
ADDENDUM 1

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

Laughlin Ricks Architecture
architecture/planning
134, 3rd Ave East, * Twin Falls, Idaho 83301
(208) 756-8050

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

A0-0



OCCUPANT LOAD (MODERNIZATION)

CONCENTRATED BUSINESS USE	444 SF / 50 = 9
BUSINESS	2566 SF / 150 = 18
TOTAL OCCUPANTS	20

OCCUPANT LOAD (NO WORK)

BUSINESS	932 SF / 150 = 7
STORAGE/ SHOP	5502 SF / 300 = 19
TOTAL OCCUPANTS	26

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

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

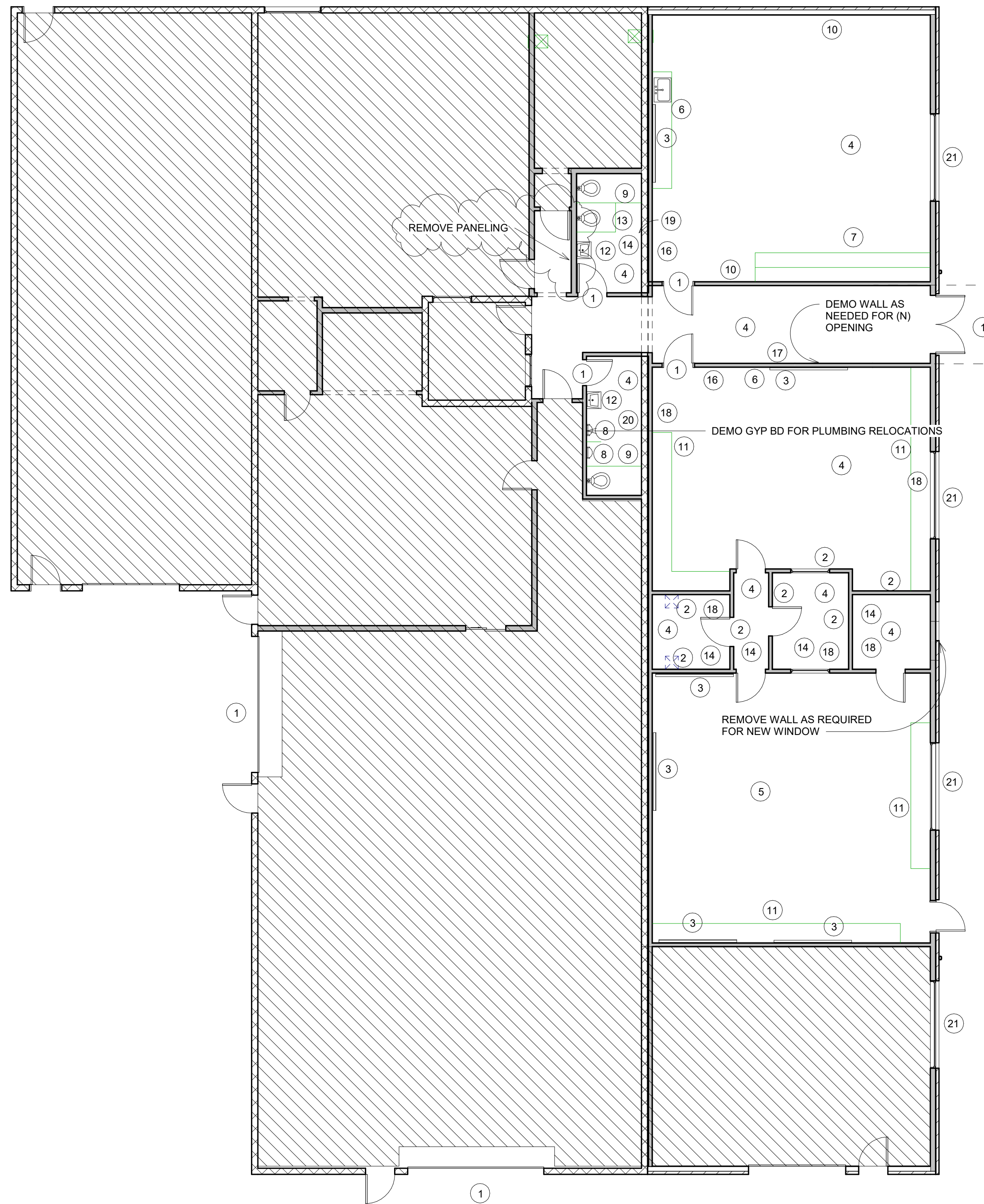
DATE 12/7/23
ADDENDUM 1

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

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

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

A0-1



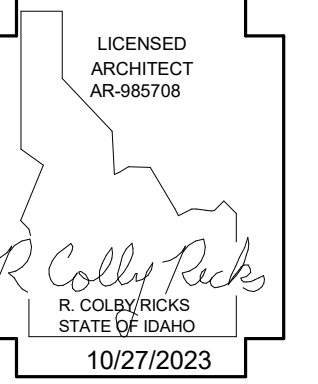
GENERAL DEMOLITION NOTES

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) SIDES
- 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"



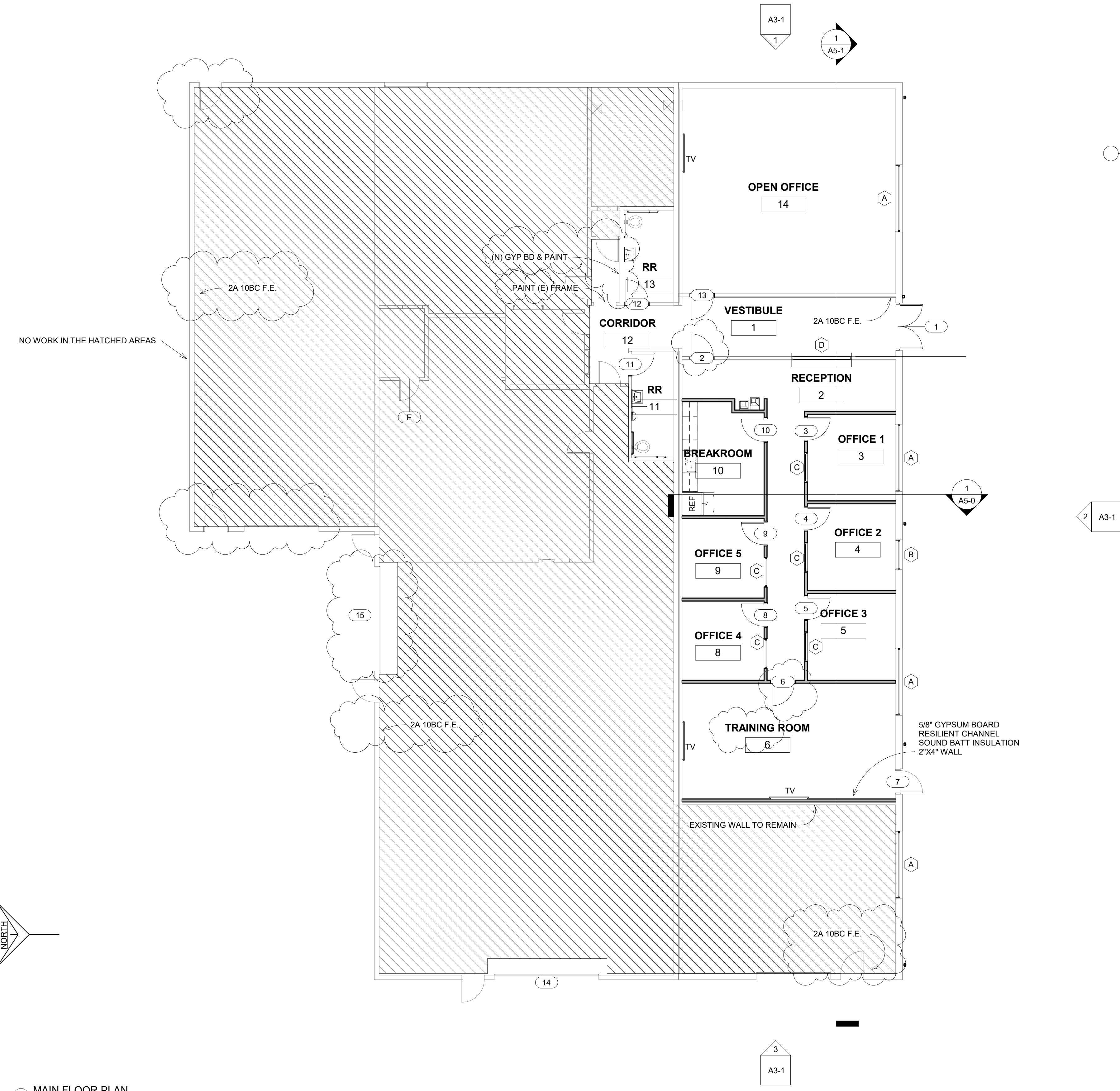
DATE 12/7/23
ADDENDUM 1

MODERNIZATION FOR:
FILER SCHOOL DISTRICT OFFICE
289 US-30, FILER, ID 83328
DEMO FLOOR PLAN

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

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

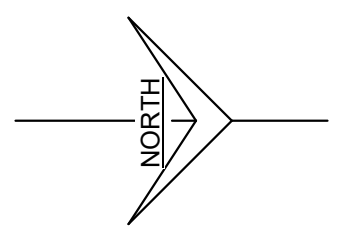
A1-2

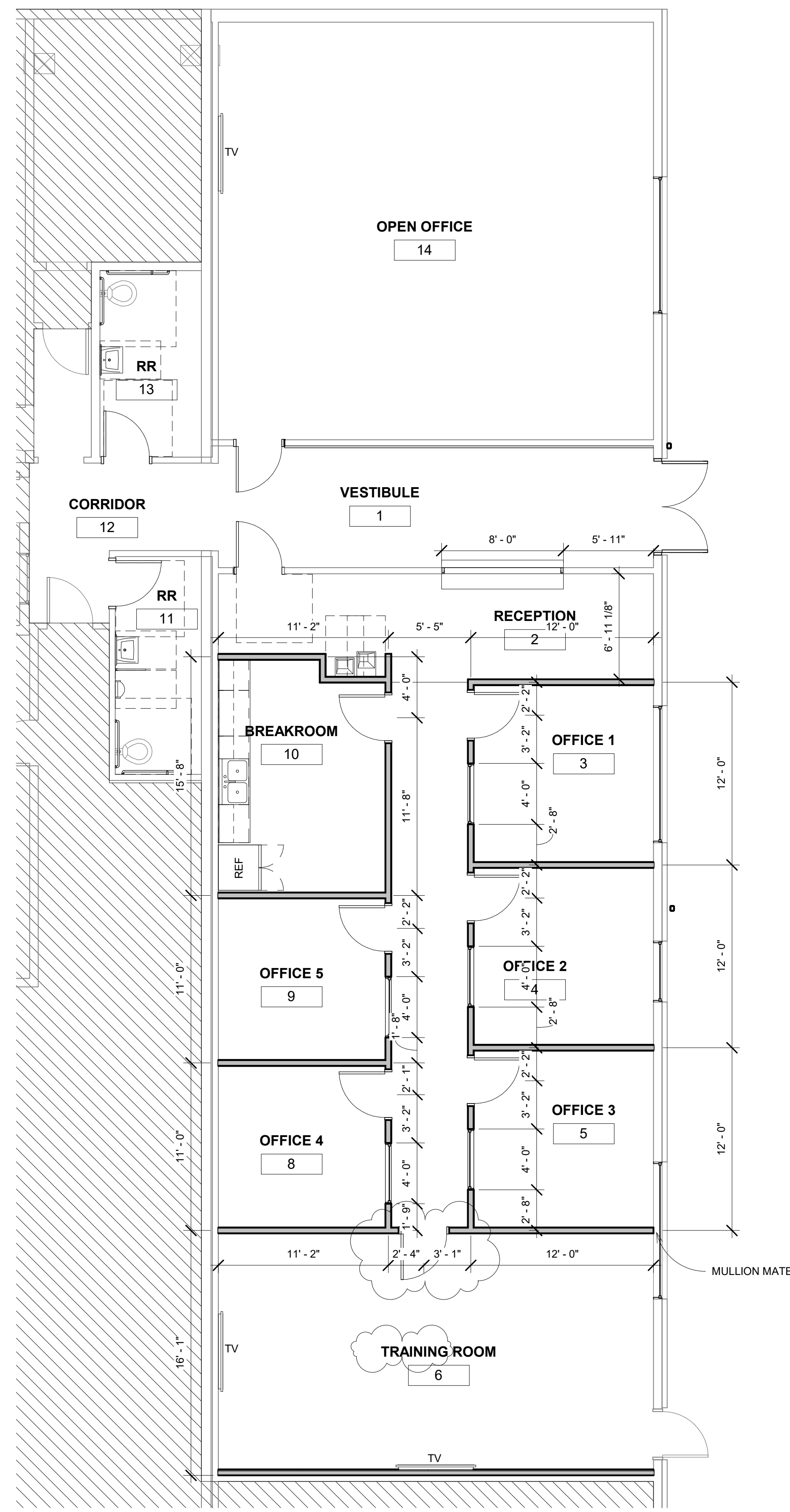


1. ANY LOCATION WHERE WOOD IS TOUCHING CONCRETE, MASONRY, CMU, OR STEEL SHALL BE PRESSURE TREATED.
2. ALL WOOD SHALL BE DOUGLAS FIR #2 OR BETTER.
3. ALL NEW INTERIOR WALLS SHALL BE 2x4 W/ 5/8" GYP BD EA. SIDE U.N.O.
4. ALL NEW INTERIOR WALLS SHALL HAVE SOUND BATT INSULATION
5. PATCH AND REPAIR GYPSUM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

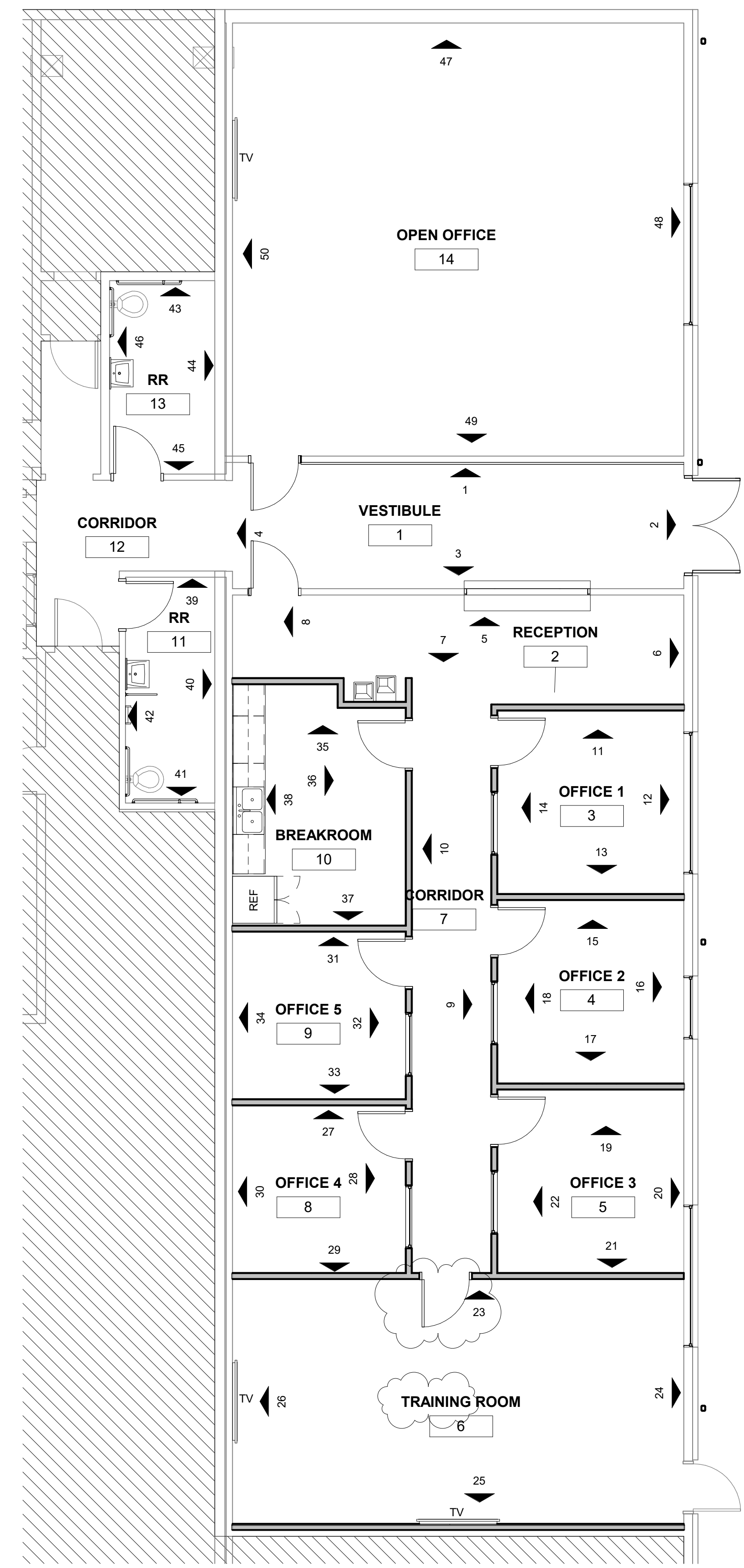
GENERAL NOTES
 NTS

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

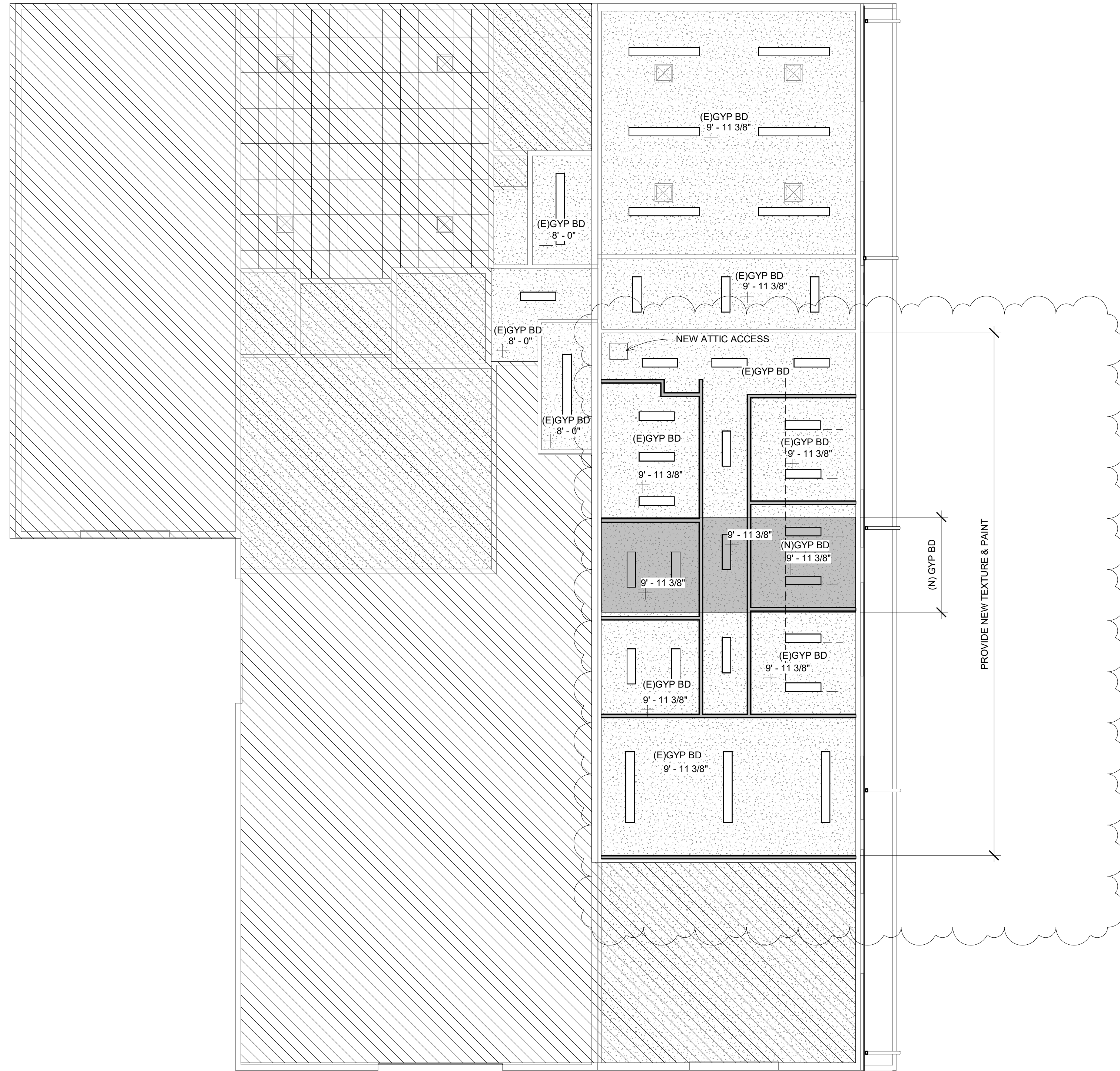




1 DIMENSION PLAN
 3/16" = 1'-0"



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



① REMODEL CEILING PLAN
1/8" = 1'-0"

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

DATE 12/7/23
ADDENDUM 1

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

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

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

A7-1

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	SEGL	
6	TRAINING ROOM	c	3'-0"	7'-0"	1 3/4"	S.C. WOOD	FF		CLASSROOM	HM	FF	SFGL	
7	TRAINING ROOM	(E)	3'-0"	7'-0"	1 3/4"	(E)	PT	WEATHER-STRIP/ THRESHOLD	CLASSROOM	(E)	FF		
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		--	14'-0"	14'-0"	1 1/2"	STEEL	FF	PER MANUF. / ELECTRIC OPERATOR	PER MANUF.	STEEL	PT	SFGL	RE-USE (E) MOTOR

DOOR LATCH KEY

CLASSROOM: LEVER. DOOR CAN BE LOCKED FROM THE INSIDE. LEVER ALWAYS OPENS FROM THE INSIDE.

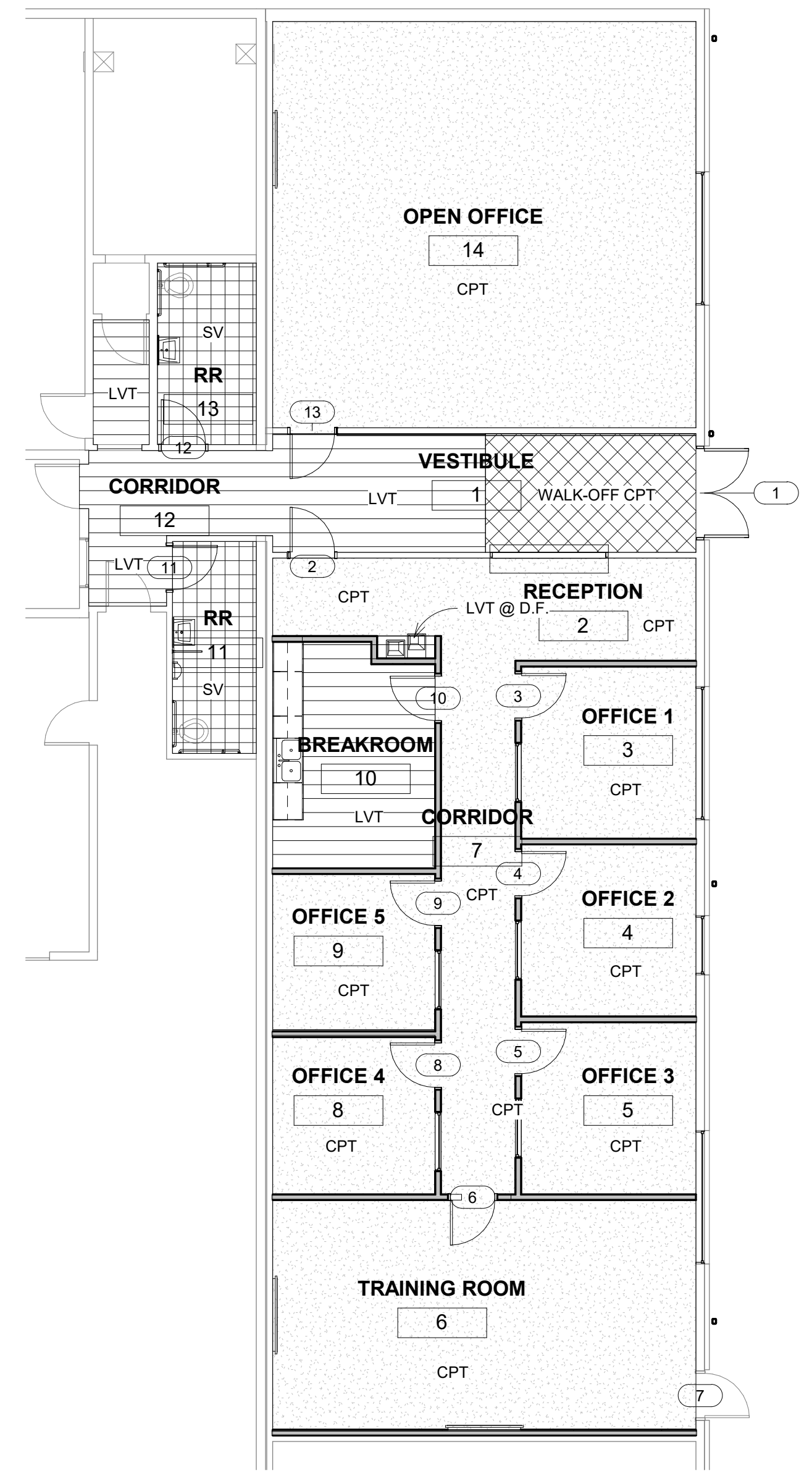
ENTRY: LEVER. KEY REQUIRED. DOOR CAN BE LOCKED FROM THE INSIDE. LEVER ALWAYS OPENS FROM THE INSIDE.

PASSAGE: LEVER. ALWAYS UNLOCKED. LEVER OPENS FROM EITHER SIDE.

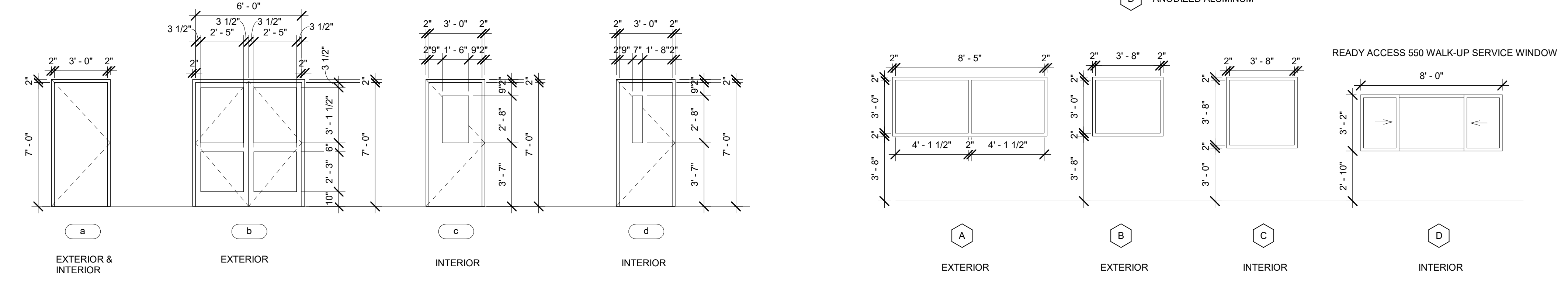
PRIVACY: LEVER. DOOR CAN BE LOCKED FROM THE INSIDE. LEVER DEACTIVATES LOCK IN SINGLE MOTION.

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"



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	TRAINING 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	GYP BD	PT	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	CMU	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.

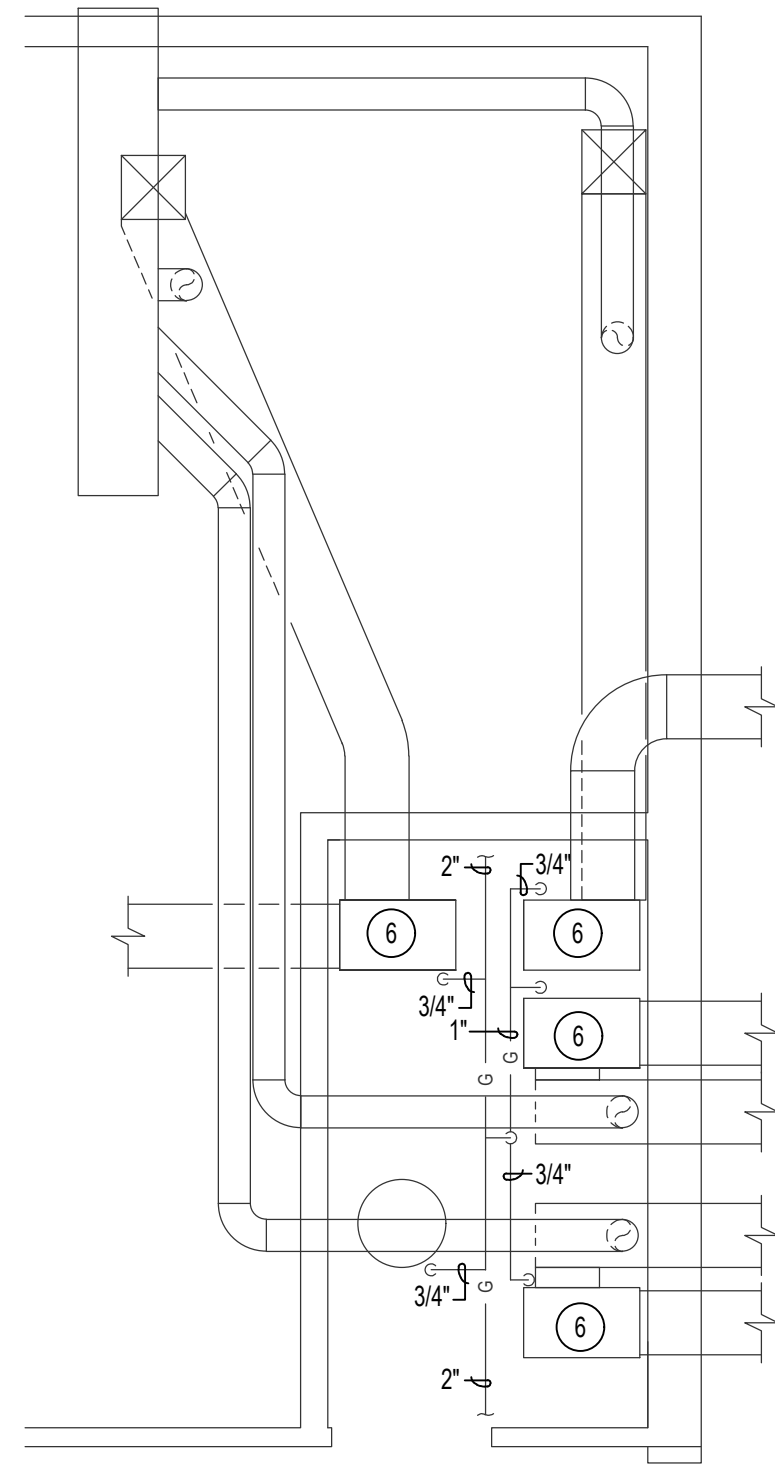
4" RUBBER BASE: JOHNSONITE 20 CHARCOAL
 WALK-OFF CPT: PHILADELPHIA COMMERCIAL - SUCCESSION 11 TL, AFTER DARK 00500 1/4 TURN
 CARPET (CPT): J&J - VALLEY 7501, 3473 RAVINE, 1/4 TURN
 SHEET VINYL (SV): AHF CONTRACT - COMPOSED & DISTINCT COLLECTION, DISTINCT INS2M707 DREAMY WAY
 LVT: J&J - MAKE YOUR MARK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

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

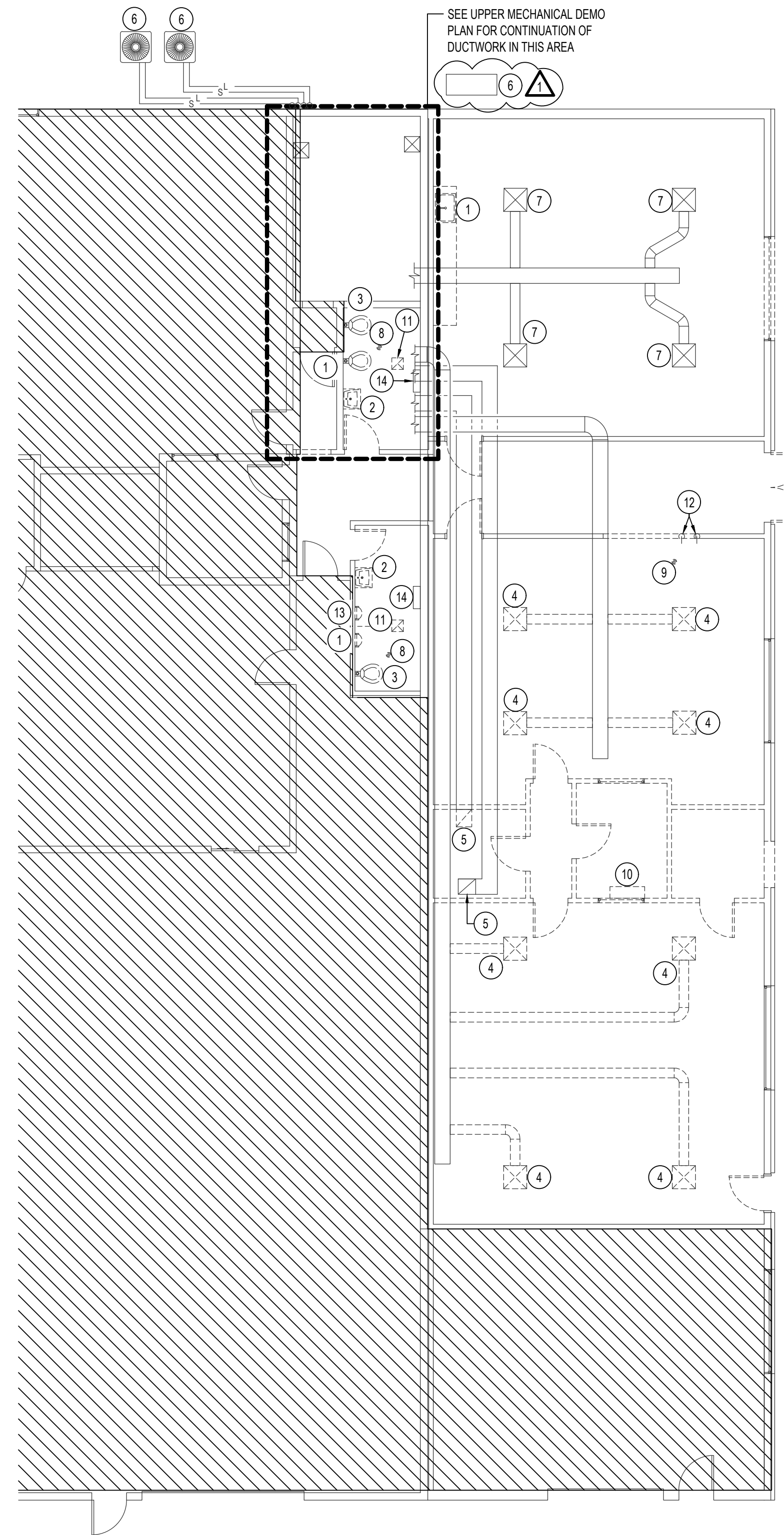
Laughlin Ricks Architecture
 architecture/planning
 134 3RD Ave East, * Twin Falls, Idaho 83301
 (208) 736-8050

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

A9-0



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



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

PLAN NOTES:

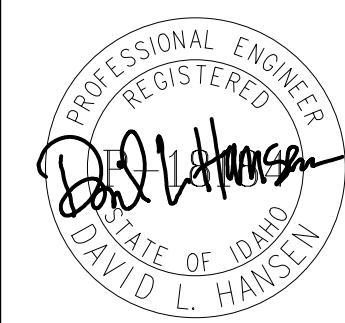

- 1 EXISTING FIXTURE TO BE REMOVED. ALL ASSOCIATED WATER, WASTE AND VENT PIPING TO BE REMOVED AND CAPPED IN WALL.
- 2 EXISTING LAV TO BE REMOVED AND REPLACED WITH NEW. ADJUST WATER, WASTE, AND VENT PIPING AS NEEDED.
- 3 EXISTING WATER CLOSET TO BE REMOVED AND REPLACED WITH NEW. ADJUST PIPING AS NEEDED.
- 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 INDOOR FAN COIL UNIT TO BE REMOVED AND RELOCATED. FIELD VERIFY EXISTING CONDITIONS. SEE SHEET MP1-1 FOR NEW LOCATION.
- 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.

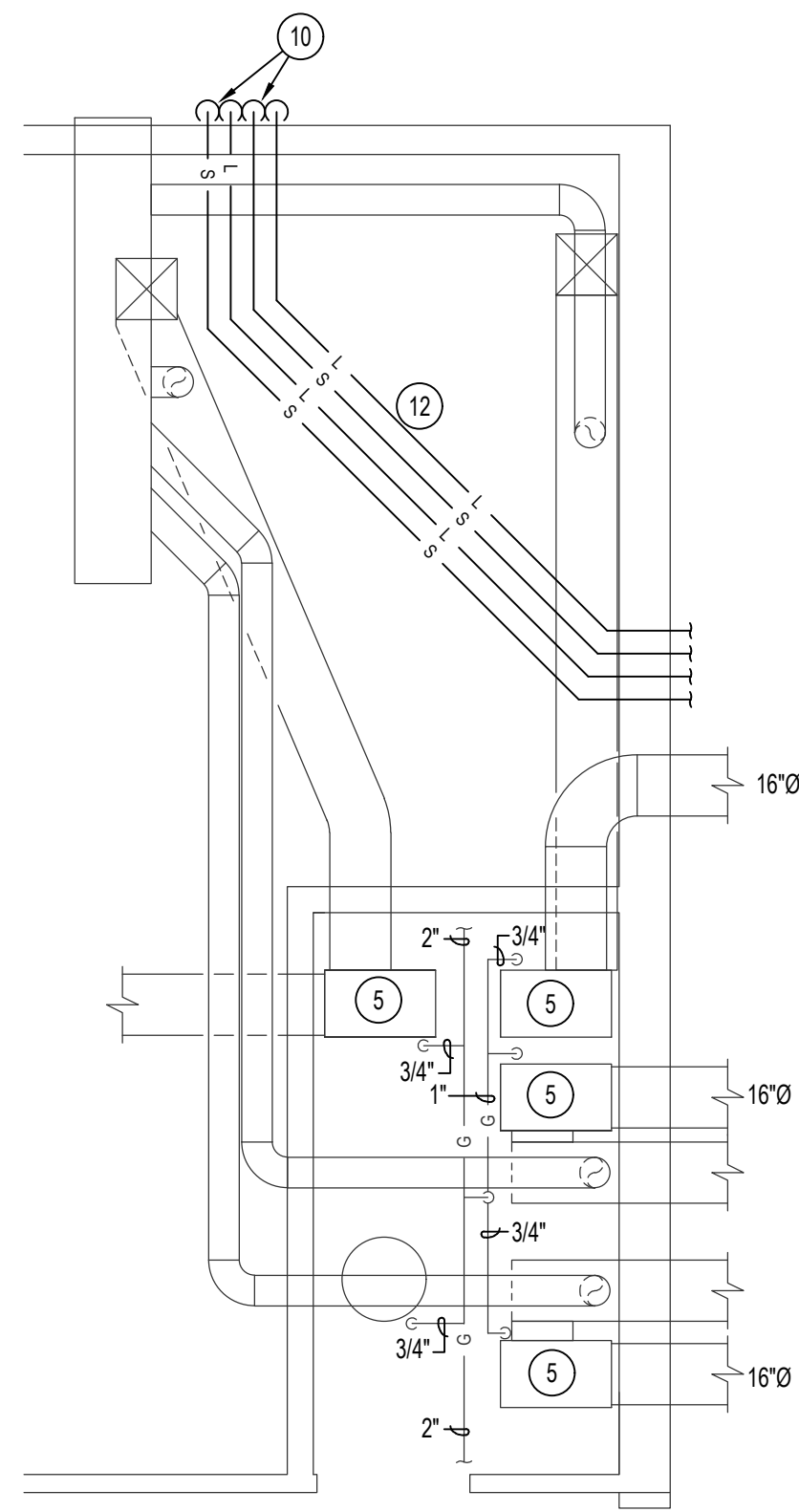
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DATE: 12/07/23
ADDENDUM 1

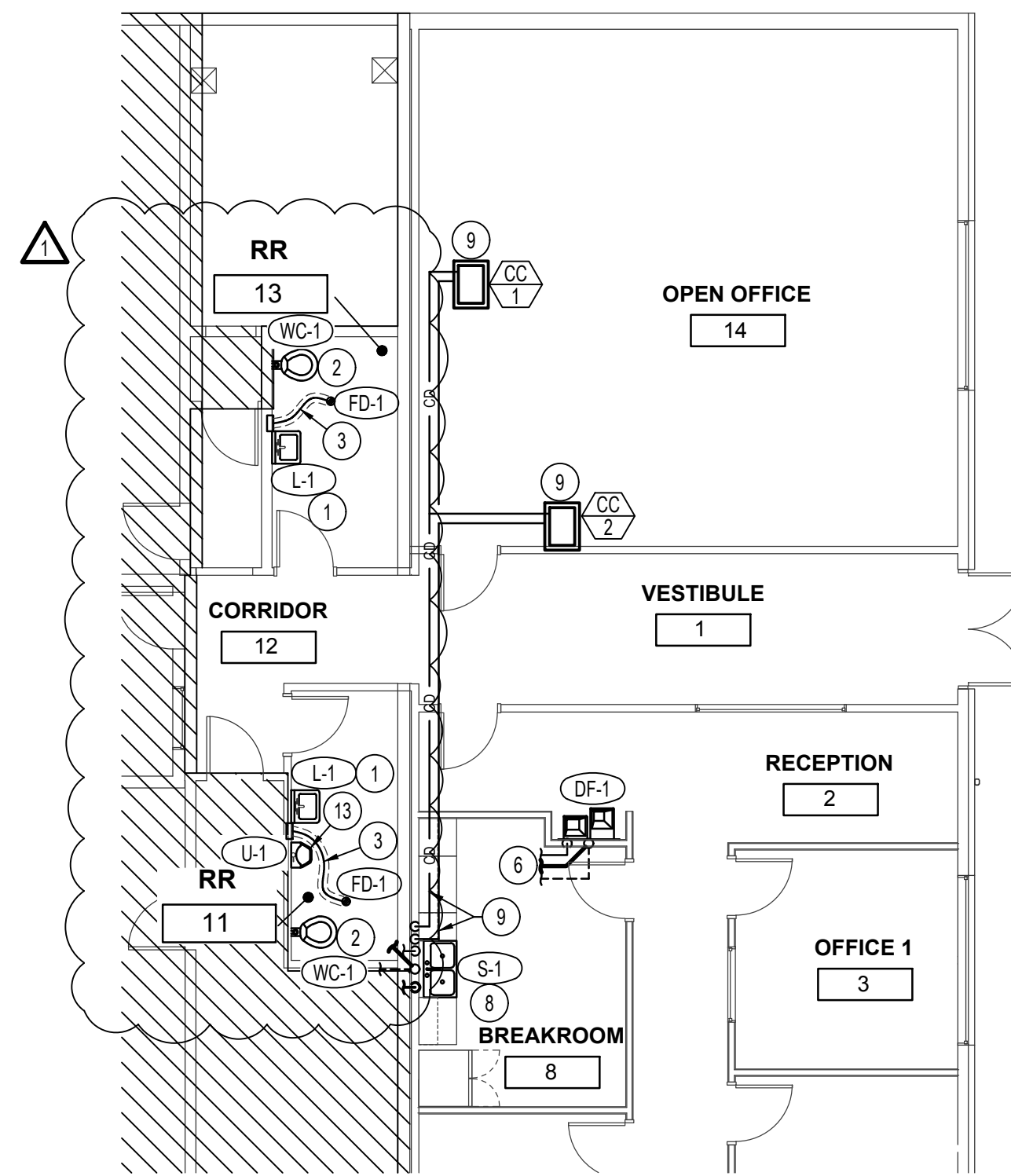
MODERNIZATION FOR:
FILER SCHOOL DIST.
289 US-30, ID 83328
MECHANICAL DEMOLITION PLAN

Laughlin Ricks Architecture
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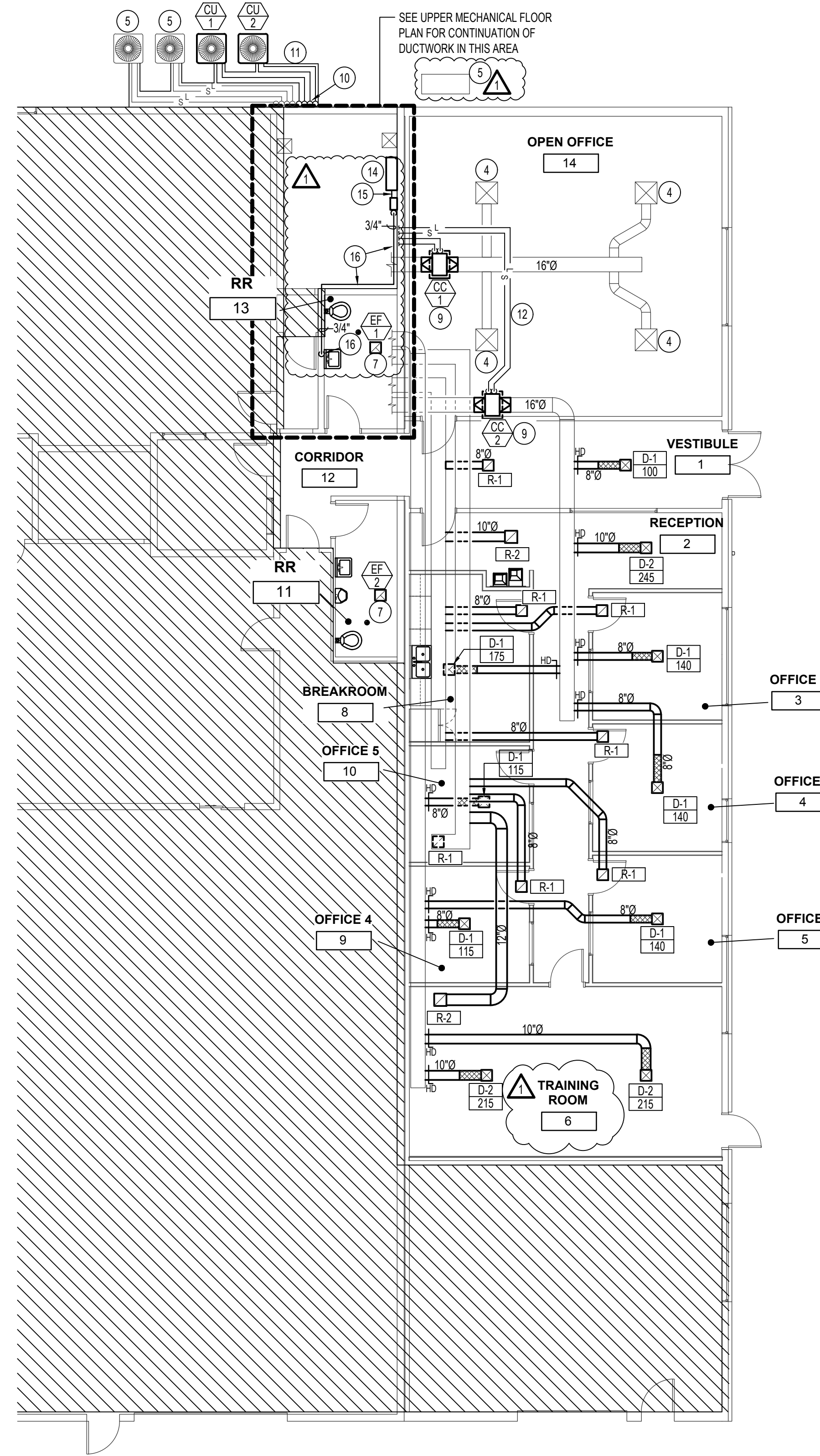
		DATE: _____	ISSUE: _____
		Drawn: _____	Checked: _____
1355 EAST CENTER POCATELLO, IDAHO 83201 PHONE: (208) 233-0501 FAX: (208) 233-0529 EMAIL: esa@engsystems.com Dec 01, 2023		MP1-0	



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



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



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

PLAN NOTES:

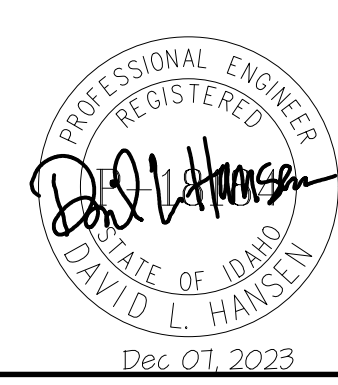
- 1 NEW LAV TO BE INSTALLED. SHIFT WATER, WASTE AND VENT TO ACCOMMODATE NEW LOCATION.
- 2 EXISTING WATER CLOSET TO BE REMOVED AND REPLACED WITH NEW.
- 3 EXISTING FLOOR DRAIN TO BE REMOVED AND REPLACED WITH NEW. INSTALL NEW TRAP PRIMER UNDER NEW LAVATORY AND ROUTE 1/2" COLD WATER LINE UNDER SLAB TO FLOOR DRAIN. ALL WATER PIPING UNDER SLAB TO BE PEX WITH 3/4" THICK INSULATION. COORDINATE WITH GENERAL CONTRACTOR FOR REQUIRED SAW CUTTING OF FLOOR.
- 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.
- 14 EXISTING INDOOR FAN COIL UNIT TO BE INSTALLED AT THIS LOCATION. MODIFY EXISTING REFRIGERANT LINES AS NECESSARY TO ACCOMMODATE NEW LOCATION.
- 15 RUN NEW 3/4" CONDENSATE DRAIN LINE FROM RELOCATED FAN COIL UNIT TO CONDENSATE PUMP MOUNTED ON WALL.
- 16 RUN NEW 3/4" PUMPED CONDENSATE LINE EXPOSED ON CEILING OF IT ROOM TO EXISTING ADJACENT WALL. RUN CONDENSATE DRAIN LINE LATERALLY IN WALL CAVITY AND CONNECT TO SINK SIDE OF P-TRAP OF NEW LAVATORY WITH DISHWASHER CONNECTION.

05.06.22

DATE: 12/07/23
ADDENDUM 1

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

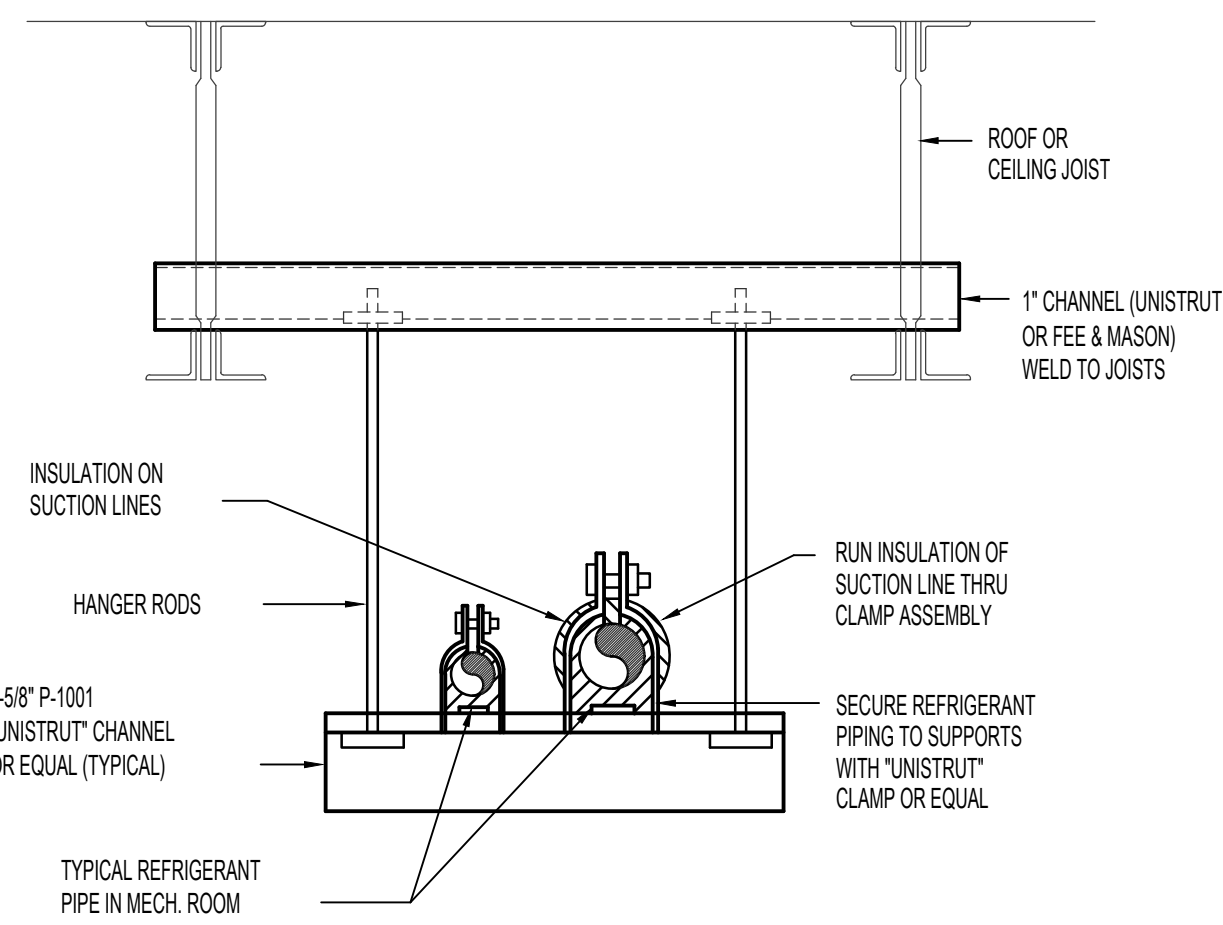
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Engineered Systems Associates
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EMAIL: esa@engsystems.com
Dec 01, 2023
ESA JOB NUMBER: 23113

DATE: ISSUE
DATE: 04/1
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

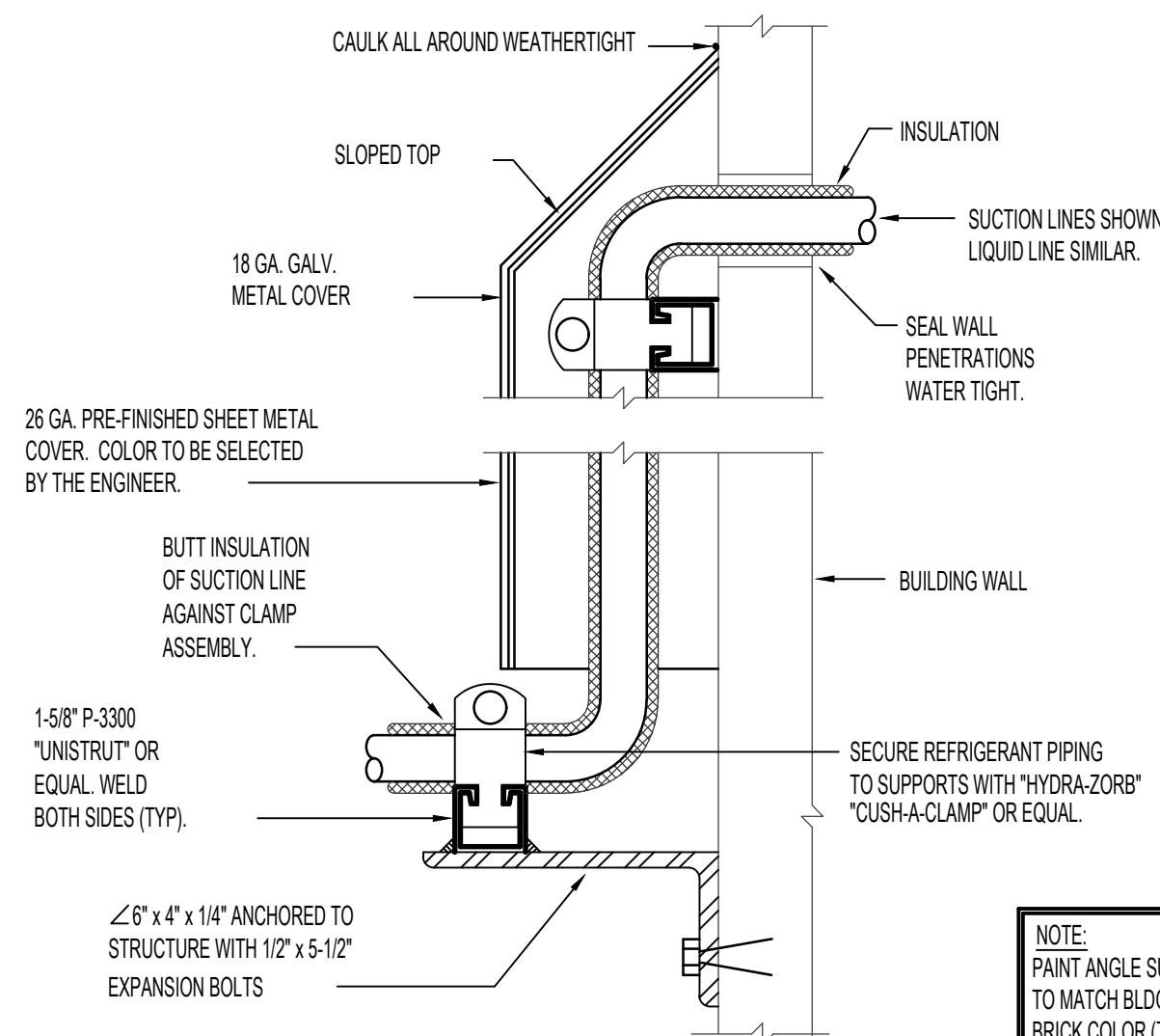
CONDENSING UNIT SCHEDULE									
SYM.	BTU	EAT	CHAR.	MCA	WEIGHT	REFRIGERANT PIPING		REMARKS	
						LIQUID	SUCTION		
CU-1	24,000	95°F	208/60/1	13.9	330	3/8"	3/4"	CARRIER MODEL 24ANA124	
CU-2	24,000	95°F	208/60/1	13.9	330	3/8"	3/4"	CARRIER MODEL 24ANA124	

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

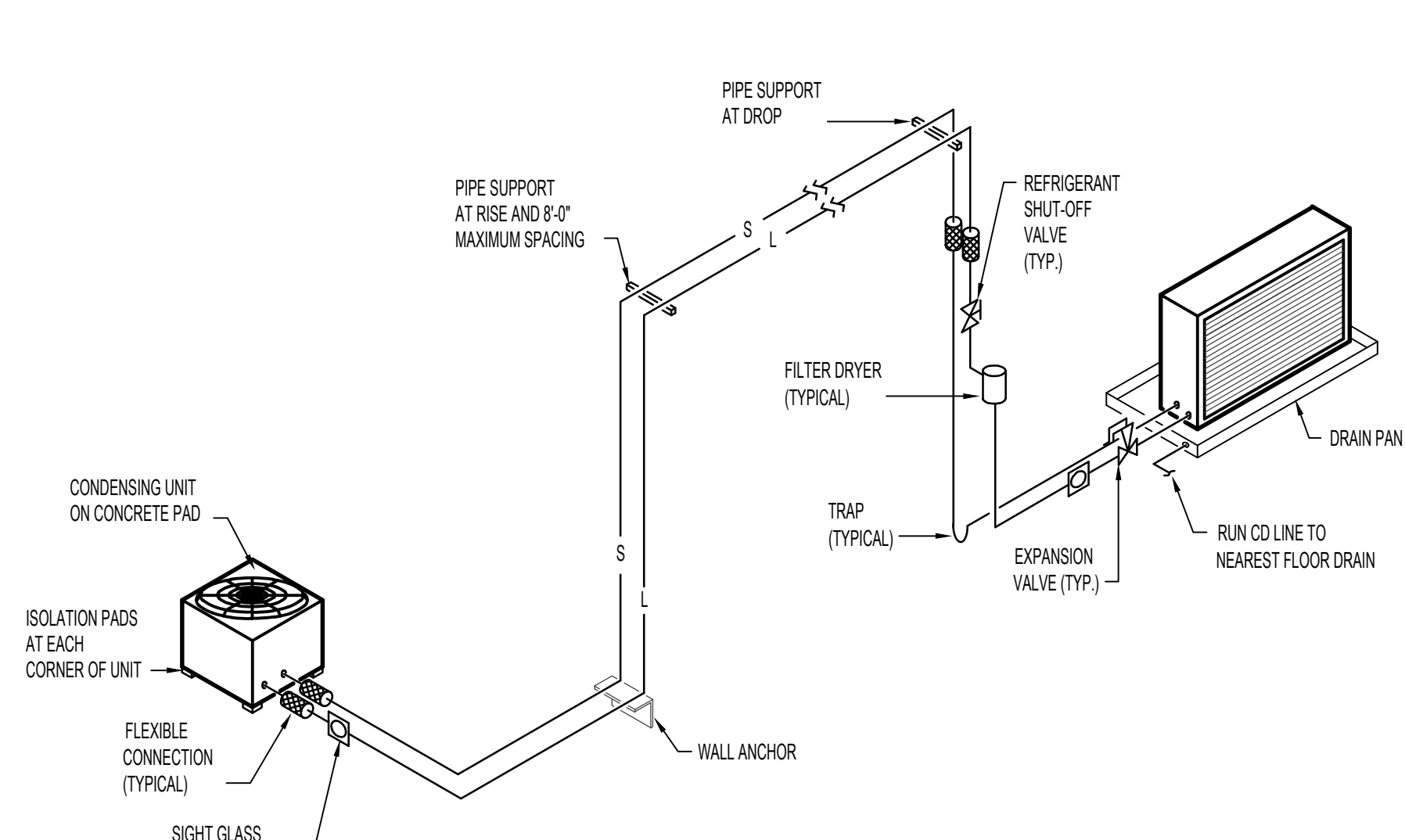
EXHAUST FAN SCHEDULE								
SYM.	TYPE	C.F.M.	S.P.E.	WATTS	CHAR.	R.P.M.	CONTROL	REMARKS
EF-1	CEILING	70	0.25	6.1	208/60/1	955	WITH LIGHTS	TWIN CITY FAN MODEL T080E WITH BACKDRAFT DAMPER
EF-2	CEILING	140	0.25	100	208/60/1	710	WITH LIGHTS	TWIN CITY FAN MODEL T150 WITH BACKDRAFT DAMPER

FIXTURE SCHEDULE					
SYM.	DESCRIPTION	HOT	COLD	WASTE	VENT
DF-1	BH-LEVEL DRINKING FOUNTAIN - ELKAY MODEL EZ-STL8WSLK WITH EZ20 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 TRAP PRIMER CONNECTION.	---	1/2"	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"

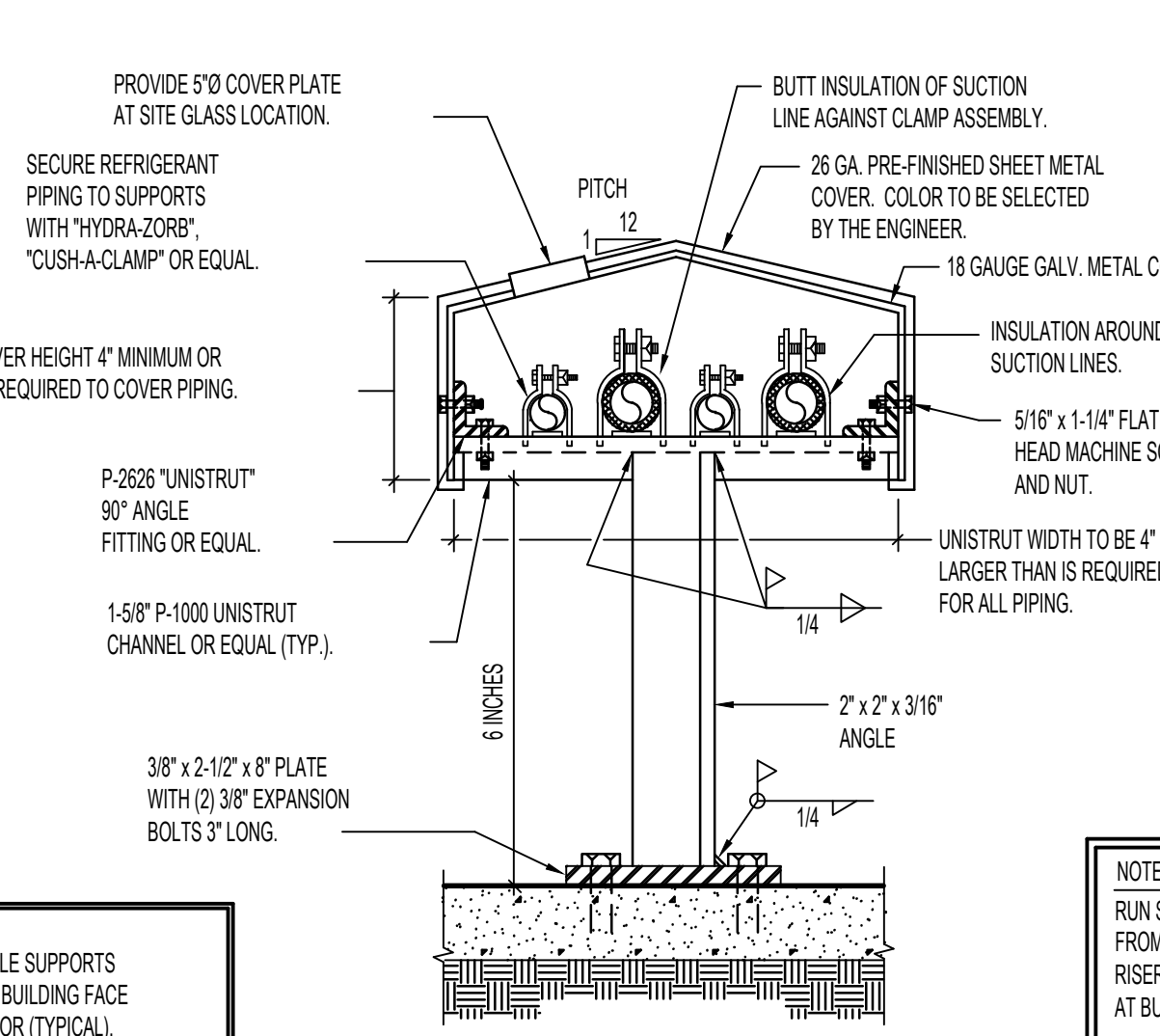


NOTE:
PAINT ANGLE SUPPORTS
TO MATCH BLDG. FACE
BRICK COLOR (TYP.)

B REFRIGERANT PIPING SUPPORT AT WALL
NO SCALE

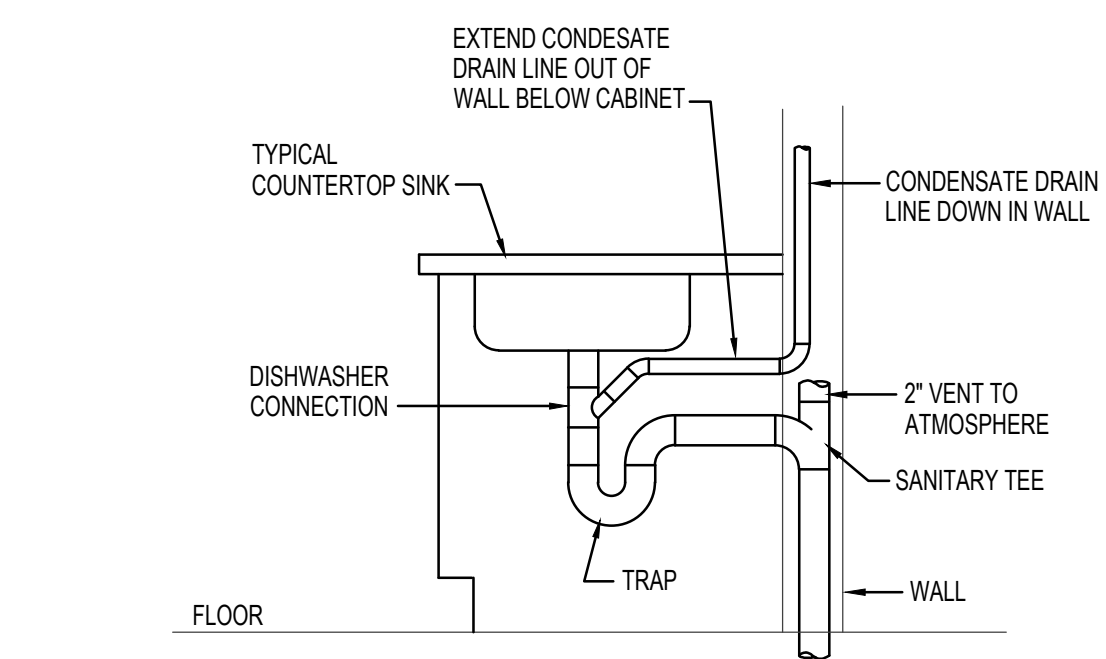


C REFRIGERANT PIPING DIAGRAM
NO SCALE



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

Dec 01 2023

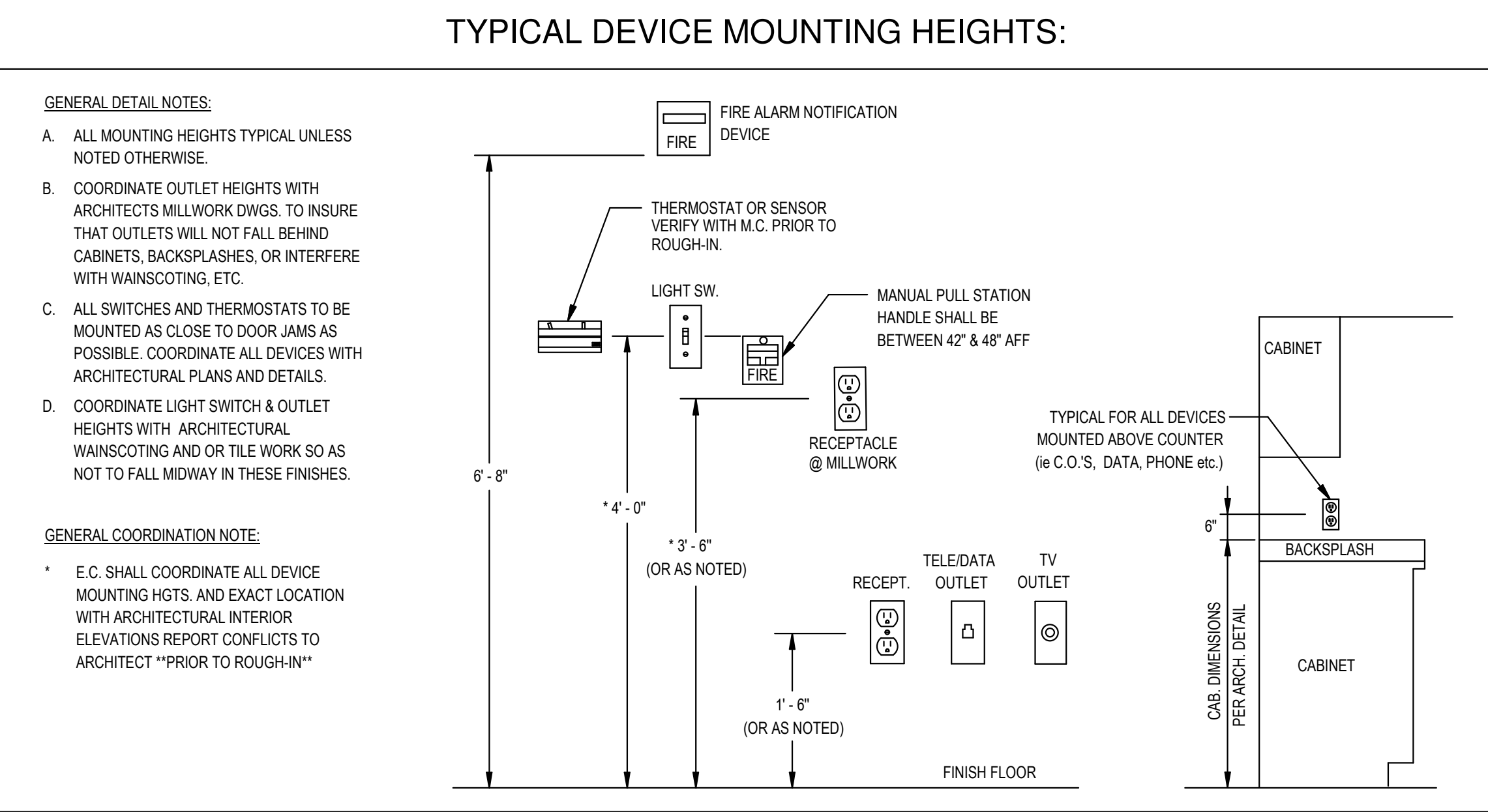
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FAX: (208) 233-0529
EMAIL: esa@engsystems.com
ESA JOB NUMBER: 23113

DATE: ISSUE DATE
18 3/14
Drawn Checked

MP2-1

ELECTRICAL SYMBOL SCHEDULE			
NOTE: ALL SYMBOLS MAY NOT BE USED			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	ELECTRICAL PANELBOARD, (SEE POWER RISER AND PANEL SCHEDULES FOR ADDITIONAL INFORMATION)	F1	LIGHT FIXTURE TYPE DESIGNATION
	DISCONNECT SWITCH, SIZE/POLES/TYPE AS INDICATED TYPES: 1-NEMA 1, 3R-NEMA 3R, 4X-NEMA 4X		PARKING AREA POLE LIGHT, SINGLE OR DOUBLE HEAD AS INDICATED ON DRAWINGS. REFER TO LIGHT POLE DETAIL FOR POLE INFORMATION.
	JUNCTION BOX		EXTERIOR WALL MOUNTED FIXTURE
	EQUIPMENT CONNECTION, COORDINATE CONNECTION WITH EQUIPMENT PRIOR TO ROUGH-IN		2X4 FLUORESCENT OR LED FIXTURE
	MOTOR CONNECTION		2X2 FLUORESCENT OR LED FIXTURE
	EXHAUST FAN CONNECTION		SURFACE MOUNTED FLUORESCENT OR LED FIXTURE
	SPECIAL RECEPTACLE (COORDINATE NEMA TYPE WITH EQUIP.) (REFER TO PANEL SCHEDULES FOR AMPS)		STRIP FLUORESCENT OR LED FIXTURE
	DUPLEX RECEPTACLE, UL TAMPER-RESISTANT WHERE MOUNTED BELOW 5FT		WALL MOUNTED FLUORESCENT OR LED FIXTURE
	GFCI-TYPE DUPLEX RECEPTACLE, UL TAMPER-RESISTANT WHERE MOUNTED BELOW 5FT		ROUND RECESSED FIXTURE
	SPLIT-WIRED RECEPTACLE, HALF OF RECEPT. SHALL BE SWITCHED OTHER HALF SHALL HAVE CONSTANT POWER.		EXIT SIGN, WALL OR CEILING MOUNTING AS REQUIRED (SINGLE OR DOUBLE FACE) DIRECTIONAL CHEVRONS AS INDICATED; CONNECT TO UNSWITCHED LEG OF LIGHTING CIRCUIT THAT IS IN THE SAME AREA AS THE EXIT SIGNS.
	DOUBLE-DUPLEX RECEPTACLE, UL TAMPER-RESISTANT WHERE MOUNTED BELOW 5FT		WALL OR CEILING MOUNTED EMERGENCY LIGHTING UNIT W/BATTERY PACK CONNECT TO UNSWITCHED LEG OF LIGHTING CIRCUIT THAT IS IN THE SAME AREA AS THE EMERGENCY LIGHT.
	GFCI-TYPE DOUBLE-DUPLEX RECEPTACLE, UL TAMPER-RESISTANT WHERE MOUNTED BELOW 5FT.		SHADED FIXTURE INDICATES AN EMERGENCY FIXTURE. PROVIDE WITH EMERG. BATTERY PACK OR CONNECT TO EMERGENCY POWER SYSTEM (WHERE APPLICABLE), CONNECT BATTERY PACK TO UNSWITCHED LEG OF LIGHTING CIRCUIT THAT SERVES THE SAME AREA AS THE EMERGENCY FIXTURE. PROVIDE WITH TEST LIGHT AND SWITCH.
RECEPTACLE AND EQUIPMENT SUBSCRIPTS			SHADED FIXTURE INDICATES AN EMERGENCY FIXTURE. PROVIDE WITH EMERG. BATTERY PACK OR CONNECT TO EMERGENCY POWER SYSTEM (WHERE APPLICABLE), CONNECT BATTERY PACK TO UNSWITCHED LEG OF LIGHTING CIRCUIT THAT SERVES THE SAME AREA AS THE EMERGENCY FIXTURE. PROVIDE WITH TEST LIGHT AND SWITCH.
MFR	MICROWAVE RANGE HOOD (LOCATE ABOVE RANGE)	AC	ABOVE COUNTER WEATHERPROOF (UL LISTED WEATHER-RESISTANT)
USB	DUPLEX RECEPT. WITH (2) USB CHARGING PORTS	42"	MOUNTING HEIGHT AFF OR AFG
D/W	DISHWASHER, INSTALL PER NEC 422.16(B)(2)	REF	REFRIGERATOR
TV	RECEPT. DEDICATED TO TV	M	MICROWAVE
	FIELD VERIFY HEIGHT W/ TV PRIOR TO ROUGH-IN.	R	ELECTRIC RANGE (NEMA 14-30R)
EWC	ELECTRIC WATER COOLERS	W	WELDER RECEPTACLE (208/240V - NEMA 6-50R)
	PROVIDE GFCI PROTECTION PER NEC 422.5(A)		
	HVAC THERMOSTAT OR SENSOR, COORDINATE EXACT LOCATION, SIZE AND NUMBER OF CONDUCTORS WITH M.C.		SWITCH MOUNTED OCCUPANCY SENSOR, LOW VOLTAGE SWITCHPOD OR DIMMER SWITCH, REFER TO OCCUPANCY SENSOR/SWITCH SCHEDULE FOR TYPE AND ADDITIONAL INFORMATION.
	ADDRESSABLE FIRE ALARM DETECTOR WITH BASE DETECTOR SUBSCRIPTS		SINGLE-POLE SWITCH (SEE SUB-SCRIPTS BELOW FOR ADDITIONAL INFORMATION)
	P PHOTOELECTRIC SMOKE DETECTOR		SWITCH SUBSCRIPTS
	ID INDUCT SMOKE DETECTOR	3	3-WAY SWITCH
	M MULTI-STATION SMOKE DETECTOR (120V W/BATTERY BACKUP)	4	4-WAY SWITCH
	WALL MOUNTED FIRE ALARM STROBE OR HORN/STROBE PROVIDE CANDELA RATING AS REQUIRED BY NFPA 72	D	DIMMER SWITCH (COMPATIBLE W/ LOAD & LTG TYPES)
	CEILING MOUNTED FIRE ALARM STROBE OR HORN/STROBE PROVIDE CANDELA RATING AS REQUIRED BY NFPA 72	FT	FAN TIMER, 10/20/30/60 MIN. ELECTRONIC (INTERMATIC MODEL E210 SERIES)
		P	PILOT LIGHTED SWITCH
GENERAL POWER & PROJECT NOTES:		GENERAL LIGHTING NOTES:	
<p>A. ALL DEVICES SHOWN AT OR NEAR MILLWORK/CASEWORK SHALL BE COORDINATED WITH THE ARCHITECTURAL ELEVATION DRAWINGS AND MILLWORK INSTALLER TO INSURE PROPER MOUNTING HEIGHTS. ADJUST DEVICES SUCH THAT THEY WILL NOT FALL BEHIND MILLWORK, CABINETS OR BE DIRECTLY ABOVE SINKS OR MIDWAY BETWEEN TILEWORK/WALL OR WAINSCOTING, ETC.</p> <p>B. CONTRACTOR SHALL INSTALL PROVIDE GFCI PROTECTION OF RECEPTACLES SHOWN IN BATHROOMS, KITCHENS, OUTDOORS OR WITHIN 8FT OF ANY SINK, BASIN, TUB OR FLOOR SINK AND ALL OTHER AREAS DEFINED BY THE NEC.</p> <p>C. E.C. SHALL REFER TO THE MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT AND ELECTRICAL CONNECTIONS.</p> <p>D. E.C. SHALL PROVIDE MINIMUM WORKING CLEARANCE AS PER NEC BEFORE INSTALLING ANY ELECTRICAL PANELS OR CABINETS. SEE ELECTRICAL EQUIPMENT CLEARANCE DETAIL.</p> <p>E. E.C. SHALL COORDINATE WITH ALL SPECIAL SYSTEMS SUPPLIER/SHOP DRAWINGS; DENTAL, MEDICAL, KITCHEN, POOL, ETC. FOR SPECIFIC ELEC. REQUIREMENTS.</p> <p>F. ALL CONDUIT/RACEWAY CABLES TO BE CONCEALED IN WALLS OR ABOVE CEILING. IF ANY SURFACE WORK IS NECESSARY, IT SHALL BE APPROVED BY THE ARCHITECT/ENGINEER PRIOR TO INSTALLATION.</p> <p>G. ELECTRICAL CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID AND THOROUGHLY INVESTIGATE THE EXISTING CONDITIONS, AS THEY RELATE TO THE SCOPE OF WORK DESCRIBED. MAKE NECESSARY PROVISIONS IN THE BASE BID TO ADEQUATELY ACCOMMODATE THESE CONDITIONS.</p>		<p>A. SYMBOLS SHOWN ABOVE MAY NOT REPRESENT ALL LIGHT FIXTURES USED ON PROJECT, REFER TO LIGHT FIXTURE SCHEDULE FOR ACTUAL FIXTURE INFORMATION INCLUDING FIXTURE TYPE, LAMPING, MOUNTING AND ETC.</p> <p>B. JUNCTION BOXES FOR LIGHTING CIRCUITING ARE NOT SHOWN FOR CLARITY, THE E.C. IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL JUNCTION BOXES REQUIRED FOR CIRCUITING OF ALL LIGHT FIXTURES THAT ARE NOT LISTED FOR "THROUGH-BRANCH CIRCUIT WIRING".</p> <p>C. IN GENERAL ALL SWITCH-LEG CONDUCTORS MAY NOT BE SHOWN ON DRAWINGS, E.C. SHALL PROVIDE AND INSTALL CONDUCTORS AS REQUIRED TO ACHIEVE CONTROL SCHEMES INDICATED AND DESCRIBED ON DRAWINGS, INCLUDING ALL 0-10V DIMMING CONTROLS BETWEEN SWITCH AND FIXTURES.</p> <p>D. ALL BATTERY EXIT SIGNS AND EMERGENCY LIGHTING TO BE CONNECTED TO THE UNSWITCHED LEG OF THE LIGHTING CIRCUIT IN THE AREA.</p> <p>E. INSTALL ALL LIGHT FIXTURES IN MECHANICAL ROOM AFTER THE MECHANICAL EQUIPMENT IS IN PLACE. ADJUST AS NECESSARY. PROVIDE CHAIN SUSPENSION KITS AS REQUIRED.</p> <p>F. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS) FOR EXACT FIXTURE LOCATION, CEILING TYPES, ETC.</p> <p>G. LOCATE SWITCHES, OUTLETS, ETC., SHOWN AT ROOM ENTRY DOORWAYS, AS CLOSE TO DOOR FRAME AS POSSIBLE, SO AS NOT TO INTERFERE WITH ROOM CABINETS, ETC.</p>	
GENERAL SPECIAL SYSTEM NOTES:		SPECIAL SYSTEMS NOTES:	
<p>A. COMMUNICATIONS CABLES SHALL HAVE BENDS NO GREATER THAN 90 DEG.</p> <p>B. CONDUITS FOR COMMUNICATIONS CABLING SHALL HAVE A MAXIMUM BEND RADIUS NOT MORE THAN 10X THE DIAMETER OF THE CONDUIT.</p> <p>C. ALL COMMUNICATIONS CONDUITS SHALL BE TERMINATED WITH AN INSULATED NON-METALLIC BUSHING AT BOTH ENDS.</p> <p>D. COMMUNICATIONS CONDUITS SHALL HAVE NO MORE THAN (2) 90'S WITHOUT A PULLBOX. PULL BOXES SHALL BE LOCATED IN ACCESSIBLE LOCATIONS AND SHALL BE SIZED AT LEAST 12X THE LARGEST CONDUIT DIAMETER IN LENGTH AND MIN. 4" DEEP AND 8" WIDE.</p> <p>E. IT SHALL BE THE RESPONSIBILITY OF THE E.C. TO INSURE THAT THE PATHWAY FOR THE DATA CABLING DOES NOT EXCEED CABLE LENGTHS TO EXCEED THE LENGTH OF 295FT FROM OUTLET TO PATCH PANEL. THIS INCLUDES SERVICE LOOPS AND PATCH CORDS.</p> <p>F. CONFIRM EXACT LOCATIONS OF ALL TELEPHONE/DATA OUTLETS WITH OWNER PRIOR TO ROUGH-IN.</p> <p>G. MAINTAIN 24" MIN. CLEARANCE FROM ALL COMMUNICATIONS CABLING AND ELECTRONIC BALLASTS.</p> <p>H. DATA CABLING SYSTEM PRE-INSTALLATION CONFERENCE:</p> <p>1. E.C. SHALL SCHEDULE A MEETING A MINIMUM OF FIVE CALENDAR DAYS PRIOR TO BEGINNING DATA CABLING INSTALLATION. ATTENDEES SHOULD INCLUDE OWNER'S REP., ENGINEER, GC, EC AND CABLING SUB.</p>		<p>1. UTILIZE 4 1/16" DEEP BOX WITH REQUIRED MUDRING AND CONDUIT TO ACCESSIBLE ATTIC SPACE OR DATA RACK. TERMINATE WITH INSULATED THROAT BUSHING. PROVIDE QTY OF CABLES INDICATED FROM OUTLET TO NEAREST TELE/DATA ROOM. SEE DWGS FOR ADDITIONAL INFORMATION. UTILIZE J-HOOKS 3FT ON CENTER FOR SUPPORT OF CABLING WHERE CABLE TRAYS NOT INSTALLED/SPECIFIED.</p> <p>2. CONDUIT SIZE (X FROM ABOVE): 2-1/2", 3-3/4", 4-1", 5-1/4", 6-1", 1-1/2"</p> <p>3. BLANK (NO LABEL) = 4 1/16" DEEP BOX WITH REQUIRED MUDRING AND 1" CONDUIT TO ACCESSIBLE ATTIC SPACE. TERMINATE WITH INSULATED THROAT BUSHING. PROVIDE PULL STRING. (UNLESS OTHERWISE NOTED)</p>	

ELECTRICAL SPECIFICATIONS		
<p>1. INTENT: Provide and install complete and operable electrical systems including but not limited to; lighting, power, receptacles, data, fire alarm and etc. Provide all required connections to all Mechanical and Plumbing equipment, as indicated and required, including all conduits, wiring and controls. Coordinate with mechanical contractor and drawings.</p> <p>2. COMPLIANCE WITH CODES: All work and material shall comply with all applicable codes, safety orders, laws, ordinances and regulations of governing authorities and other agencies having jurisdiction including regulations of the State and Local Fire Marshall, unless detailed as specified to a more restrictive standard or higher requirement.</p> <p>3. INTERPRETATION OF DRAWINGS: The electrical drawings are essentially diagrammatic in that all provisions necessary to conform to structural, architectural, mechanical and plumbing systems can not be shown. All installations shall be adjusted as necessary to conform and to avoid obstructions, without additional cost to the owner. All work, material and equipment called for by notes, schedules or otherwise indicated on the drawings shall be furnished and installed as though fully set forth in these specifications.</p> <p>4. VISITING THE SITE: Contractor shall visit the site and become acquainted with conditions to be encountered. Extra funds will not be allowed due to failure to examine the site and to included existing conditions in bid price.</p> <p>5. COORDINATION WITH UTILITIES: These plans have been prepared without utility company comments. The contractor shall verify exact requirements for the electrical, telephone and communication services with the utility company representatives and provide all work and pay all costs for a complete and operating systems, as directed by the governing utilities.</p> <p>6. MATERIALS AND WORKMANSHIP: All workmanship shall be performed by skilled electricians using the best standard practices of the trade. All materials shall, unless otherwise noted, be new and in perfect condition and working order. All material for similar uses shall be of the same type, material and manufacturer for ease of future maintenance. All equipment shall be readily accessible for maintenance and repairs. All materials, fixtures and equipment shall be covered or sealed upon installation so as to provide for safety and to insure that operation and appearance will be maintained after subsequent construction operations.</p>	<p>7. EXECUTION: Raceway installation: Separate underground conduits in a common trench 4" minimum horizontally, 12" minimum from other utility lines. Minimum conduit depth shall be 18". Coordinate conduit installation with pipes, steel, footings and ducts installed by other trades. Install conduit runs exposed to view parallel or at right angles to structural members, walls or building lines. Support conduit with one-hole malleable factory made pipe straps, fastened with screws.</p> <p>8. OPERATING AND ADJUSTING: The owner reserves the right to operate any systems of equipment prior to final completion and acceptance of the work. Such preliminary operation shall not be construed as an acceptance of any work. Each piece of equipment and all of the systems shall be adjusted to insure proper functioning and shall be left in first class operating condition.</p> <p>9. CUTTING AND PATCHING: Do all drilling and cutting as necessary for installation of equipment or conduit. Cutting or drilling of structure is only permitted with prior approval of the owner and structural engineer. Where cutting and patching of work is necessary, use the same materials, workmanship and finish to neatly match all surrounding work.</p> <p>10. CONDUIT: All conduit material and installation methods shall be as allowed by the NEC, local AHJ and as directed by the owner.</p> <p>11. CONDUCTORS: Type THWN or THHN copper wire insulated for 600V. Smallest wire shall be #14 AWG unless noted otherwise. All wiring shall be Copper unless indicated otherwise. Type MC cable shall be permitted, provided it is installed in concealed areas and installation complies with the Local AHJ and NEC requirements.</p> <p>Use "Ideal Yellow" pulling compound for all wire pulls. Use Scotchlock connectors for all splices in #12 wire and tape bolted pressure connectors for larger wire.</p> <p>GROUNDING: All conduit, branch circuits, feeders and etc. shall be provided with a grounding conductor. All grounding conductors shall be insulated and green in color, size as shown.</p>	<p>13. WIRING DEVICES: Devices shall be Standard type. Specification grade, color as selected by owner. Decora style devices are prohibited. Utilize GFCI and Tamper-proof devices in all locations as defined by the NEC. Wiring devices shall be as installed as allowed by the NEC, local AHJ.</p> <p>14. DEVICE PLATES: Devices plate type and color shall be as directed by owner and as required by the NEC.</p> <p>15. LIGHTING FIXTURES: As selected by owner and/or indicated in schedules. All light fixtures shall be installed and connected by the Electrical Contractor.</p> <p>16. SERVICE EQUIPMENT & PANELBOARDS: Panelboards: Shall be rated as such and shall comply with local utility co. requirements. Panelboards: Shall be provided with typed writtend directories indicating loads being served. Maintain all required clearances around equipment as required by the NEC. All equipment dimensions to be field verified.</p> <p>17. CLEAN-UP: Upon completion of the work, prior to final inspection, thoroughly clean all exposed fixtures, trim and equipment and leave the entire installation in a neat, clean and usable condition. Remove all cement, paint, grease, oil and other foreign substances.</p> <p>18. TEST: Test all conductors for shorts, opens, grounds or other defects. Correct any defective work and re-test. Demonstrate continuous satisfactory operation of all electrical systems and equipment. Provide training to the owner on electrical systems as needed for owner operation and maintenance of building.</p> <p>19. GUARANTEE: Prior to final acceptance of the project, deliver to the owner a written one year guarantee on all workmanship, materials and equipment and agree to repair or replace all such defective items promptly that may occur during the warranty period; including repair or replacement of the premises that may be damaged due to faulty work and materials furnished under contract.</p>



ABBREVIATIONS		PROJECT GENERAL NOTES:	
P	SINGLE POLE	V	KILOVOLT
1PH	SINGLE-PHASE	KVA	KILOVOLT AMPERE
2/C	TWO-CONDUCTOR	KW	KILOWATT
3/C	THREE-CONDUCTOR	KWH	KILOWATT HOUR
3P	THREE POLE	LED	LIGHT EMITTING DIODE
3PH	THREE-PHASE	LFCM	LIQUID TIGHT FLEXIBLE METAL CONDUIT
3W	THREE-WIRE	LFNC	LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT
4W	FOUR-WIRE	LTG	LIGHTING
AC	ABOVE COUNTER	LV	LOW VOLTAGE
ADA	AMERICANS WITH DISABILITIES ACT	MAX	MAXIMUM
AF	ABOVE FINISHED FLOOR	M.C.	MECH. CONTRACTOR
AFG	ABOVE FINISHED GRADE	MCA	MINIMUM CIRCUIT AMPS
AL	ALUMINUM	MCB	MAIN CIRCUIT BREAKER
A or Amp	AMPERE	MCC	MOTOR CONTROL CENTER
AMP	ANNUNCIATOR	MDP	MAIN DISTRIBUTION PANEL
ANN	ACCESS POINT	MH	MANHOLE
AP	(WIRELESS DATA)	MIN	MINIMUM
ATS	AUTOMATIC TRANSFER SWITCH	MLO	MAIN LUGS ONLY
AV	AUDIO VISUAL	MOPC	MAXIMUM OVERCURRENT PROTECTION
AWG	AMERICAN WIRE GAGE	NA	NOT APPLICABLE
BFG	BELOW FINISHED GRADE	NC	NORMALLY CLOSED
C	CEILING MOUNTED	NEC	NATIONAL ELECTRICAL CODE
CATV	CABLE TELEVISION	NEMA	NATIONAL ELECTRICAL
CB	CIRCUIT BREAKER	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
CCTV	CLOSED CIRCUIT TELEVISION	NIC	NOT IN CONTRACT
CKT	CIRCUIT	NL	NIGHT LIGHT
C	CONDUIT	NO	NORMALLY OPEN
CP	CONTROL PANEL	NTS	NOT TO SCALE
CT	CURRENT TRANSFORMER	OC	ON CENTER
CU	COPPER	OH DR	OVERHEAD DOOR
DS	DISCONNECT SWITCH	OL	OVERLOAD
EA	EACH	PB	PUSHBUTTON
E.C.	ELECTRICAL CONTRACTOR	P	PHASE
EM	EMERGENCY	PANEL	PANEL
EMT	ELECTRICAL METALLIC TUBING	PT	POTENTIAL TRANSFORMER
ENT	ELECTRICAL NONMETALLIC TUBING	PTZ	PAN/TILT/ZOOM
EPO	EMERGENCY POWER OFF	QTY	QUANTITY
EQUIP	EQUIPMENT	RCP	REFLECTED CEILING PLAN
EX	EXISTING	RMC	RIGID METAL CONDUIT
FA	FIRE ALARM	RNC	RIGID NONMETALLIC CONDUIT
FACP	FIRE ALARM CONTROL PANEL	SCA	SHORT CIRCUIT AMPS
FLA	FULL LOAD AMPS	SCBA	STANDARD COLOR BY ARCHITECT
FMC	FLEXIBLE METAL CONDUIT	SF	SQUARE FOOT (FEET)
GND	GROUND	SPD	SURGE PROTECTION DEVICE
G.C.	GENERAL CONTRACTOR	SPEC	SPECIFICATION
GEN	GENERATOR	SWB	SWITCHBOARD
GFI	GROUND FAULT CIRCUIT INTERRUPTER	SWDG	SWITCHGEAR
GP	GROUND FAULT PROTECTION	TL	TWIST LOCK
HD	HEAVY DUTY	TP	TWISTED PAIR
HID	HIGH INTENSITY DISCHARGE	TTB	TELEPHONE TERMINAL BOARD
HOA	HAND-OFF-AUTOMATIC	TV	TELEVISION
HP	HORSE POWER	TYP	TYPICAL
HPS	HIGH PRESSURE SODIUM	UG	UNDERGROUND
HV	HIGH VOLTAGE	UPS	UNINTERRUPTIBLE POWER SUPPLY
HZ	HERTZ	V	VOLTS
IG	ISOLATED GROUND	VA	VOLT AMPERE
IMC	INTERMEDIATE METAL CONDUIT	V.I.F.	VERIFY IN FIELD
J-BOX	JUNCTION BOX	VFD	VARIABLE FREQUENCY DRIVE
		WAP	WIRELESS ACCESS POINT
		W/	WITH
		W/O	WITHOUT
		W/P	WEATHERPROOF
		XFMR	TRANSFORMER

ELECTRICAL EQUIP. CLEARANCE	
GENERAL NOTES:	
<p>A. ALL WORKING SPACE CLEARANCES ARE FROM THE FACE OF THE EQUIPMENT.</p> <p>NOTES:</p> <p>1. THE MINIMUM HEADROOM OF WORKING SPACE SHALL BE 6 1/2FT.</p> <p>2. THE WIDTH OF THE WORKING SPACE SHALL BE THE WIDTH OF THE EQUIPMENT OR 30", WHICHEVER IS GREATER. THE PANEL DOOR SHALL OPEN AT LEAST 90 DEGREES.</p> <p>3. ALL CIRCUIT BREAKERS, WHEN IN THEIR HIGHEST POSITION, SHALL NOT BE MORE THAN 6FT 7 IN. ABOVE THE FINISHED FLOOR.</p> <p>4. 3FT CLEARANCE IF 0-150V TO GROUND, 3.5FT CLEARANCE IF 151-600V TO GROUND, 4FT IF EXPOSED LIVE PARTS ON BOTH SIDES OF THE WORKING SPACE.</p>	
SECURITY & ACCESS CONTROL SYMBOL SCHEDULE	
NOTE: ALL SYMBOLS MAY NOT BE USED	
SYMBOL	DESCRIPTION
	CARD READER/KEYPAD LOCATION; UTILIZE 4SQ. BOX W/1-GANG MUDRING AND 3/4" W/ PULL STRING TO ACCESSIBLE ATTIC SPACE.
	REQUEST TO EXIT; UTILIZE 4SQ. BOX W/1-GANG MUDRING AND 3/4" W/ PULL STRING TO ACCESSIBLE ATTIC SPACE.
	CONNECTION TO DOOR FRAME FOR ACCESS CONTROL. PROVIDE (1)3/4" W/PULLSTRING FROM DOOR TO ACCESSIBLE ATTIC SPACE.
GENERAL SECURITY & ACCESS CONTROL NOTES:	
<p>E.C. IS RESPONSIBLE FOR ROUGH-IN FOR ACCESS CONTROL SYSTEM; E.C. SHALL COORDINATE ROUGH-IN OF ACCESS CONTROL SYSTEM WITH OWNER PRIOR TO ROUGH-IN.</p>	

Project Number
FILER SCHOOL DIST.
299 US-30, FILER, ID 83328
ELECTRICAL SYMBOLS & DETAILS

DATE: 12-07-2023
REVISION #1 - ADDITION #1

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

DATE: OCT. 2023
SAM TEP
Drawn Checked

PROJECT #: 23110
IPAYNE Engineering Inc.
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tel (208) 232-4439
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13053
OCT. 2023
STATE OF IDAHO
SHAWN A. MEADOR

E0.0

FIRE ALARM EXPANSION NOTES:

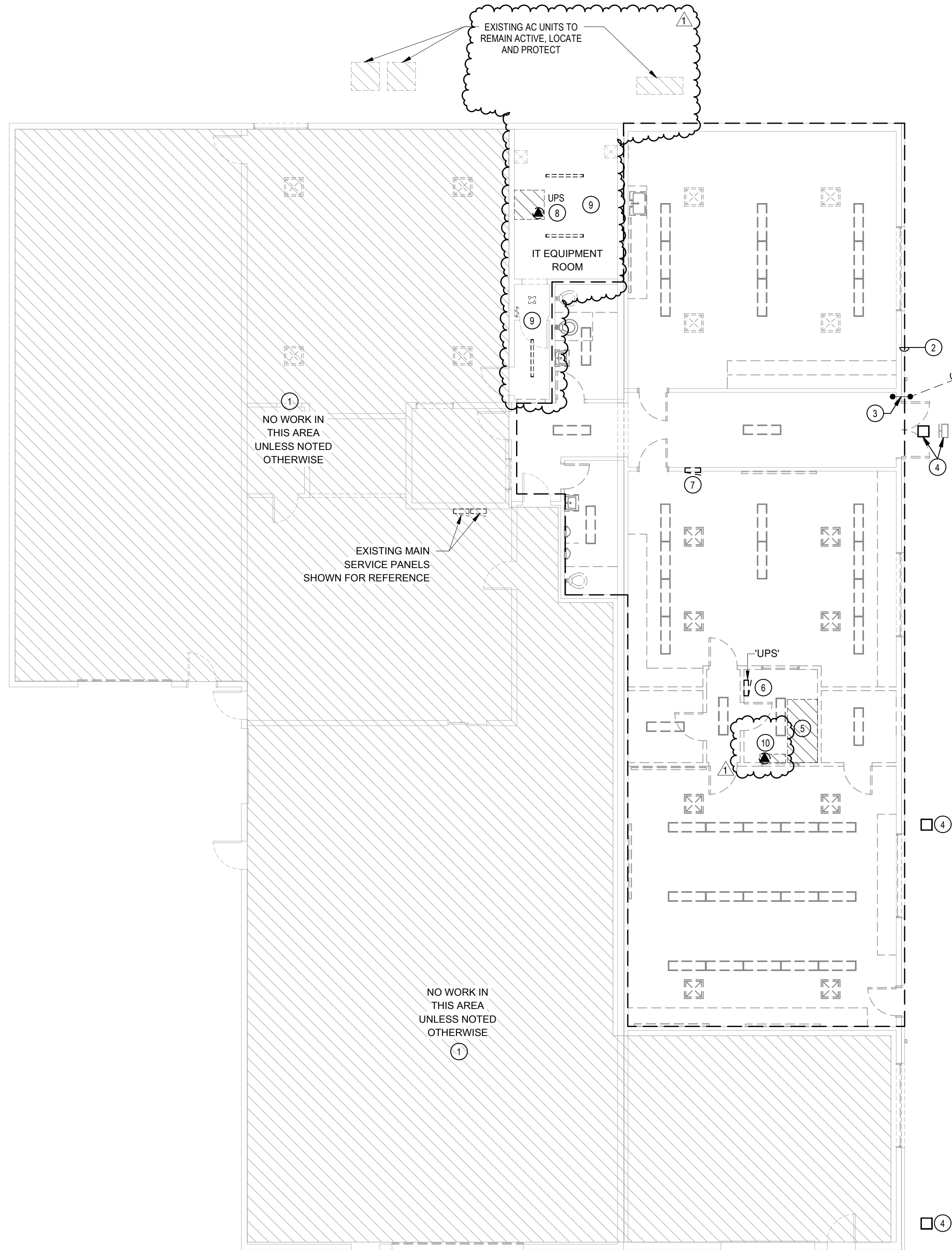
- A. PROVIDE ALL EQUIPMENT, MATERIALS AND LABOR NECESSARY TO EXPAND THE EXISTING SILENT KNIGHT FIRE ALARM SYSTEM. THE SYSTEM ADDITION SHALL BE CONNECTED DIRECTLY TO THE EXISTING MAIN FIRE ALARM PANEL. THE INSTALLATION SHALL BE AS RECOMMENDED BY THE MANUFACTURER AND ACCEPTED BY THE LOCAL AHJ. WHEN THE 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:

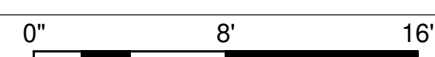
- A. ALL EXISTING ELECTRICAL MAY NOT APPEAR ON THESE PLANS, HOWEVER THE ABOVE INFORMATION APPLIES.
- B. PROVIDE AND INSTALL BLANK COVERS ON ALL UNUSED SWITCH/OUTLET/J-BOXES WHERE REQUIRED.
- C. ALL WALL DEVICES THAT ARE EXISTING TO REMAIN, SHALL BE ADAPTED TO NEW WALL COVERINGS, REFER TO ARCHITECTURAL 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:

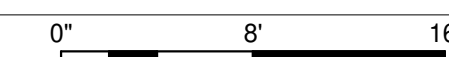
- 1 ALL EXISTING LIGHTING, ELECTRICAL DEVICES AND ETC. IN THIS AREA TO REMAIN ACTIVE. LOCATE AND PROTECT DURING CONSTRUCTION. MAINTAIN/RE-ESTABLISH CONTINUITY TO ANY DEVICES, EQUIPMENT AS REQUIRED.
- 2 ALL EXISTING ELECTRICAL DEVICES, LIGHTING AND ETC. WITHIN THIS AREA IS TO BE DISCONNECTED AND REMOVED 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 EXISTING LIGHTING AND CONTROLS IN THESE AREAS SHALL REMAIN ACTIVE. LOCATE AND PROTECT DURING CONSTRUCTION.
- 10 EXISTING AC INDOOR UNIT TO BE RELOCATED TO NEW IT ROOM BY OTHER. E.C. SHALL ELECTRICALLY DISCONNECT FOR RELOCATION AND RECONNECT. REROUTE/EXTEND EXISTING ELECTRICAL CIRCUIT AS REQUIRED TO NEW AC UNIT LOCATION. COORDINATE WITH M.C.



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



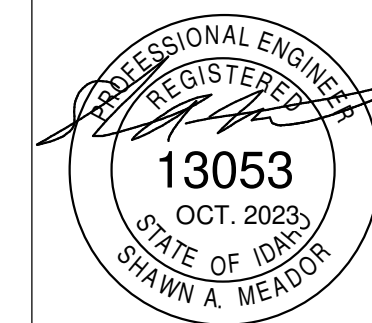
2 FIRE ALARM PLAN
SCALE: 1/8" = 1'-0"



Project Number
FILER SCHOOL DIST.
299 US-30, FILER, ID 83328
EXISTING ELEC. & NEW FIRE ALARM PLANS

Laughlin Ricks Architecture
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DATE: OCT. 2023
SAM TEP
Drawn Checked
E0.1



PROJECT #: 23110
IPAYNE
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1823 E. Center
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ELECTRICAL FLOORBOX SCHEDULE							
ID	DESCRIPTION	MFR.	FLOORBOX p/n	COVERPLATE p/n	POWER DEVICES	DATA DEVICES	NOTES
FB2S	2-GANG, MULTI-SERVICE CONCRETE FLOORBOX, W/SURFACE STYLE RECTANGULAR COVER, 3" MIN. POUR	HUBBELL	CFB2G30CR	24GCCVXXX	(1) DUPLEX RECP.T.	BY OWNER	1,2,3

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	MFR.	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 FTV 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:

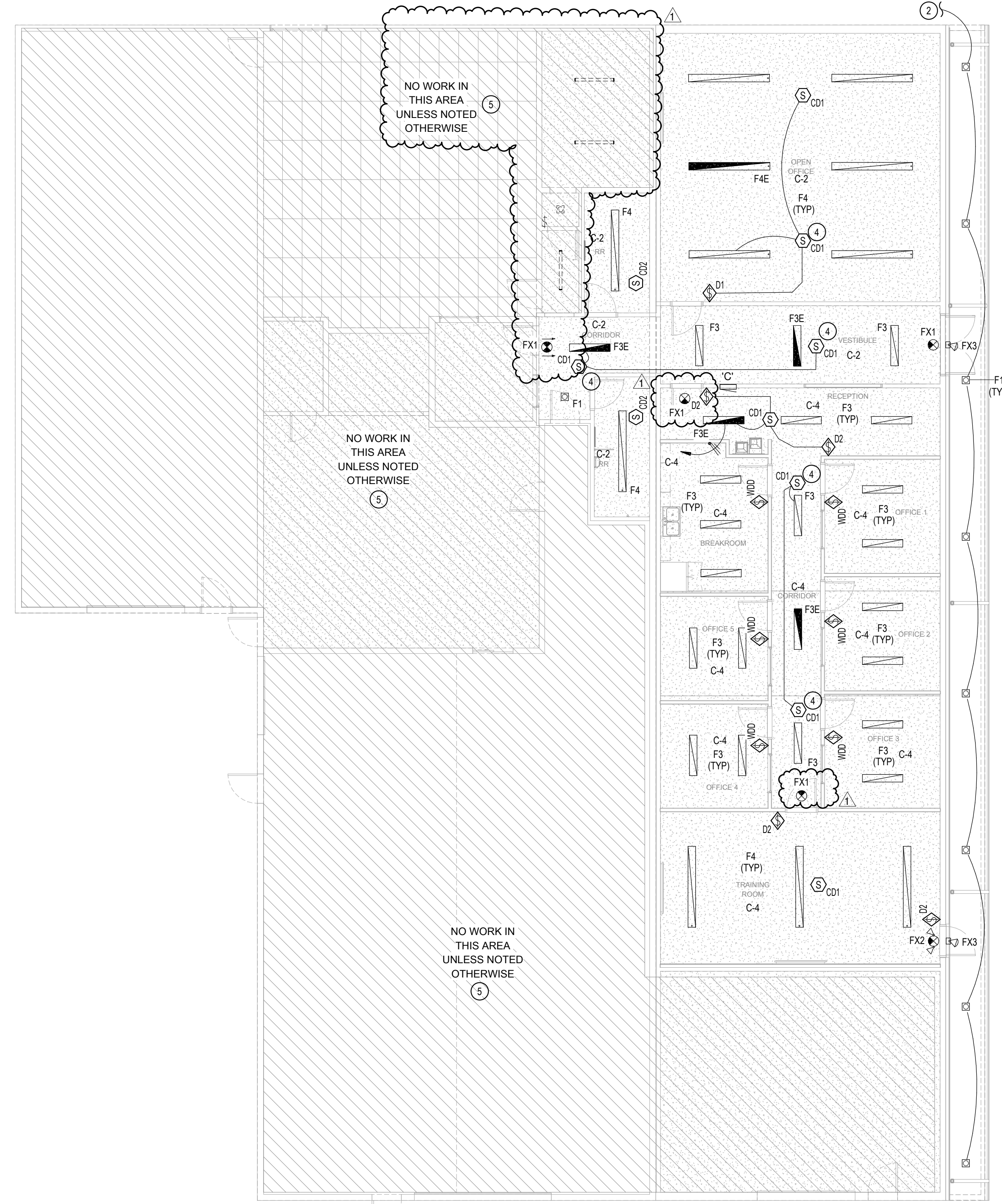
- CIRCUIT AND CONTROL EXHAUST FAN WITH ROOM LIGHTING CIRCUIT.
- E.C. SHALL PROVIDE LOCAL DISCONNECT RATED, THERMAL-OVERLOAD SWITCH FOR EQUIPMENT; SWITCH RATING SHALL NOT BE LESS THEN CIRCUIT BREAKER SUPPLYING EQUIPMENT.
- E.C. SHALL PROVIDE LOCAL DISCONNECT SWITCH FOR EQUIPMENT; SIZE AND TYPE AS INDICATED 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:

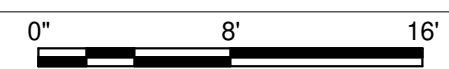
A. REFER TO SYMBOL SCHEDULE SHEET FOR PROJECT GENERAL NOTES AND GENERAL NOTES ASSOCIATED WITH THE INSTALLATION OF EACH SYSTEM, INCLUDING BUT NOT LIMITED TO: LIGHTING, POWER, FIRE ALARM, SPECIAL SYSTEMS, ETC.

KEY NOTES:

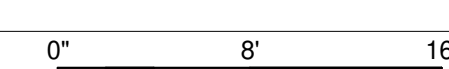
- E.C. SHALL COORDINATE WITH G.C. FOR SAW CUTTING/PATCHING OF EXISTING SLAB FOR INSTALLATION OF FLOORBOX AND CONDUITS. E.C. SHALL STUB (1) 1/4" C. FROM LOW VOLTAGE SIDE OF FLOORBOX TO ACCESSIBLE ATTIC SPACE W/ PULL STRING FOR LOW VOLTAGE CABLING.
- CONNECT TO EXISTING OUTSIDE LIGHTING CIRCUIT AND CONTROLS. 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.
- EXISTING LIGHTING AND CONTROLS IN THESE AREAS SHALL REMAIN ACTIVE, LOCATE AND PROTECT DURING CONSTRUCTION.
- NEW LOCATION OF RELOCATED INDOOR AC UNIT, E.C. TO EXTEND/REROUTE AND CONNECT TO EXISTING CIRCUIT AS REQUIRED FOR FUNCTIONALITY.



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

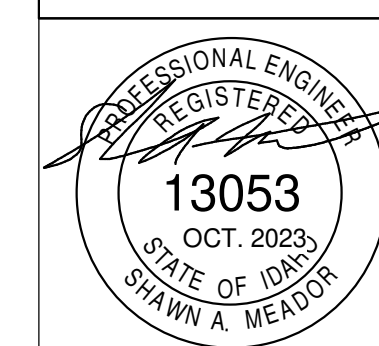


2 POWER/SYSTEMS PLAN
SCALE: 1/8" = 1'-0"



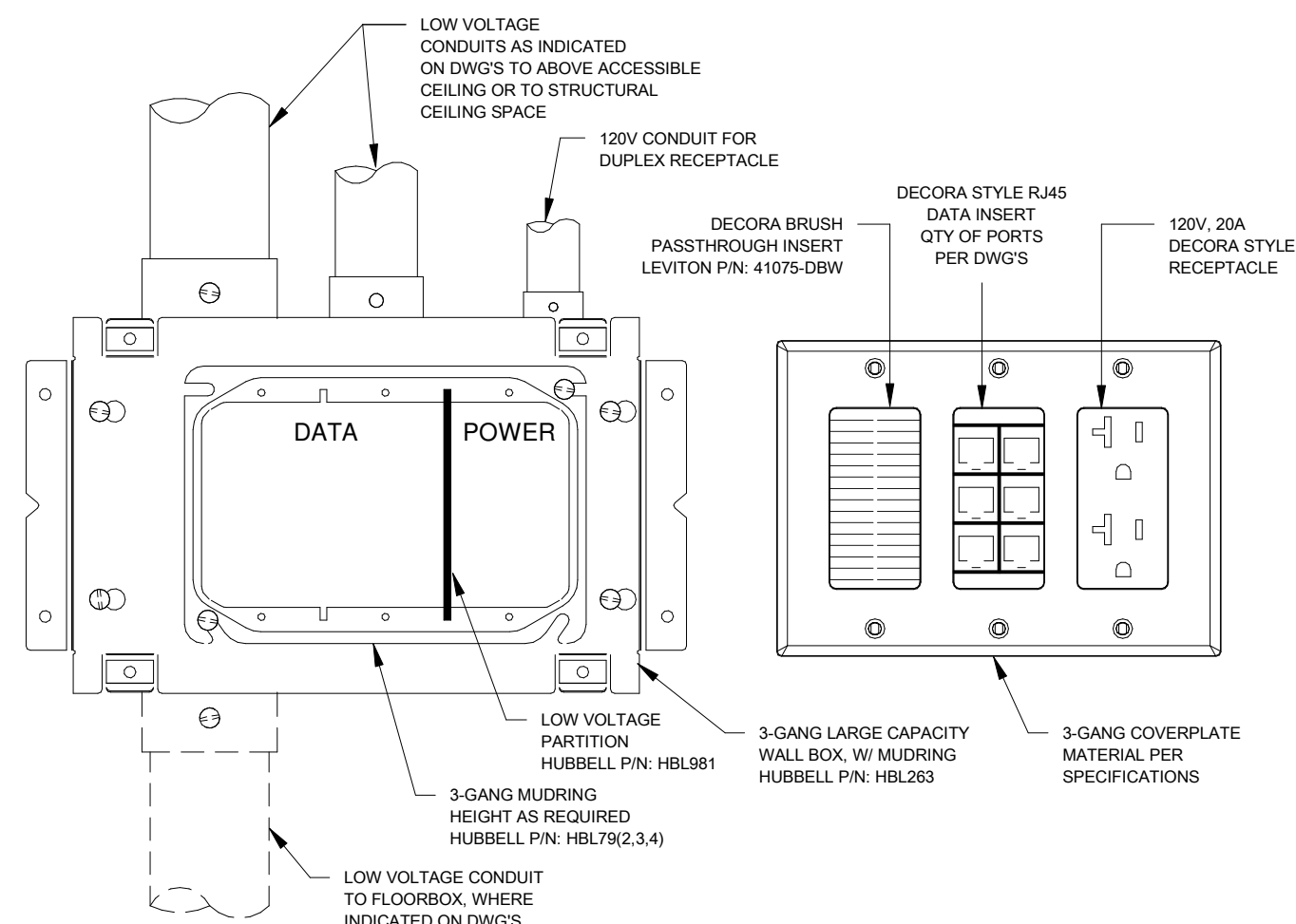
Project Number
FILER SCHOOL DIST.
299 US-30, FILER, ID 83328
ELECTRICAL PLANS

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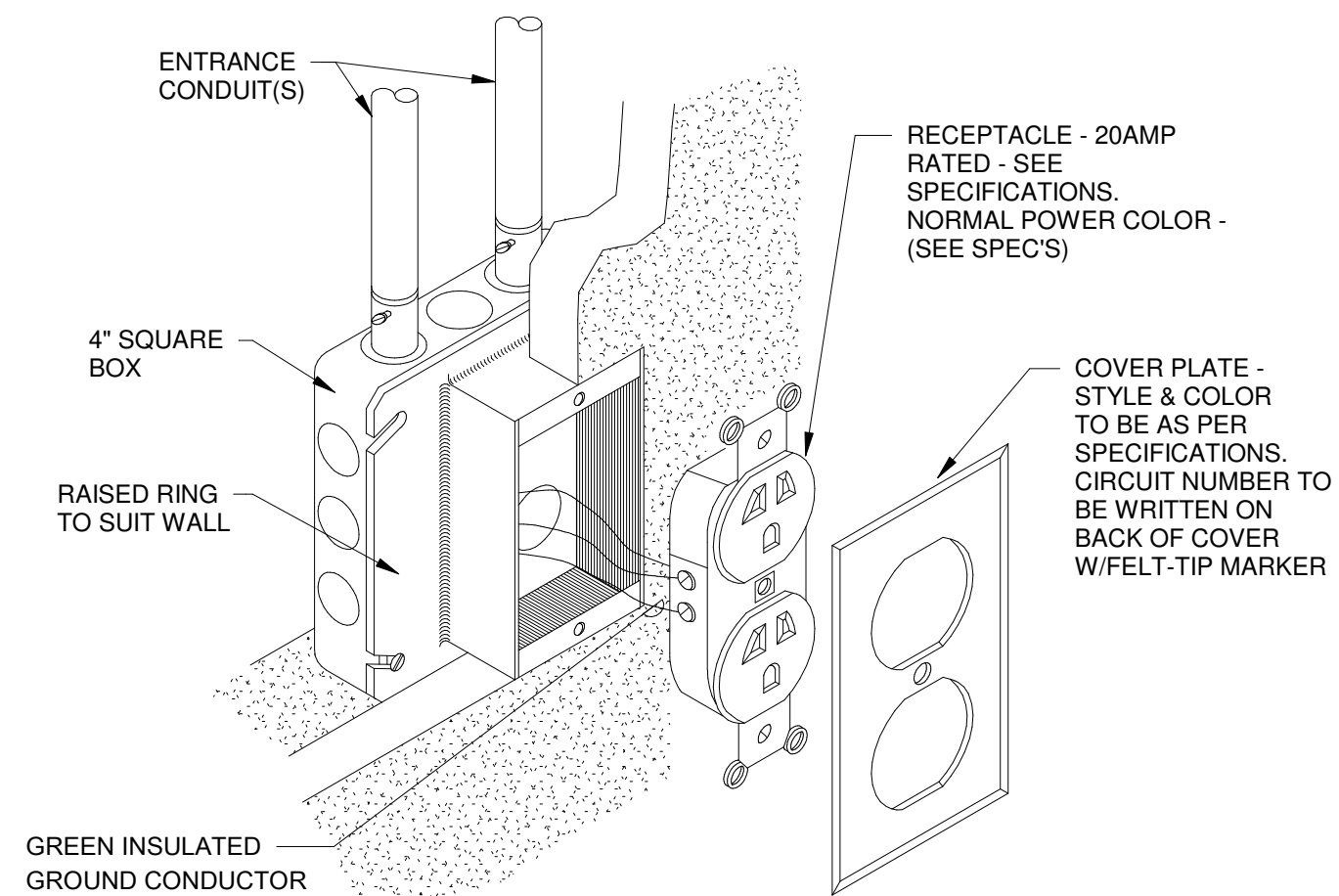
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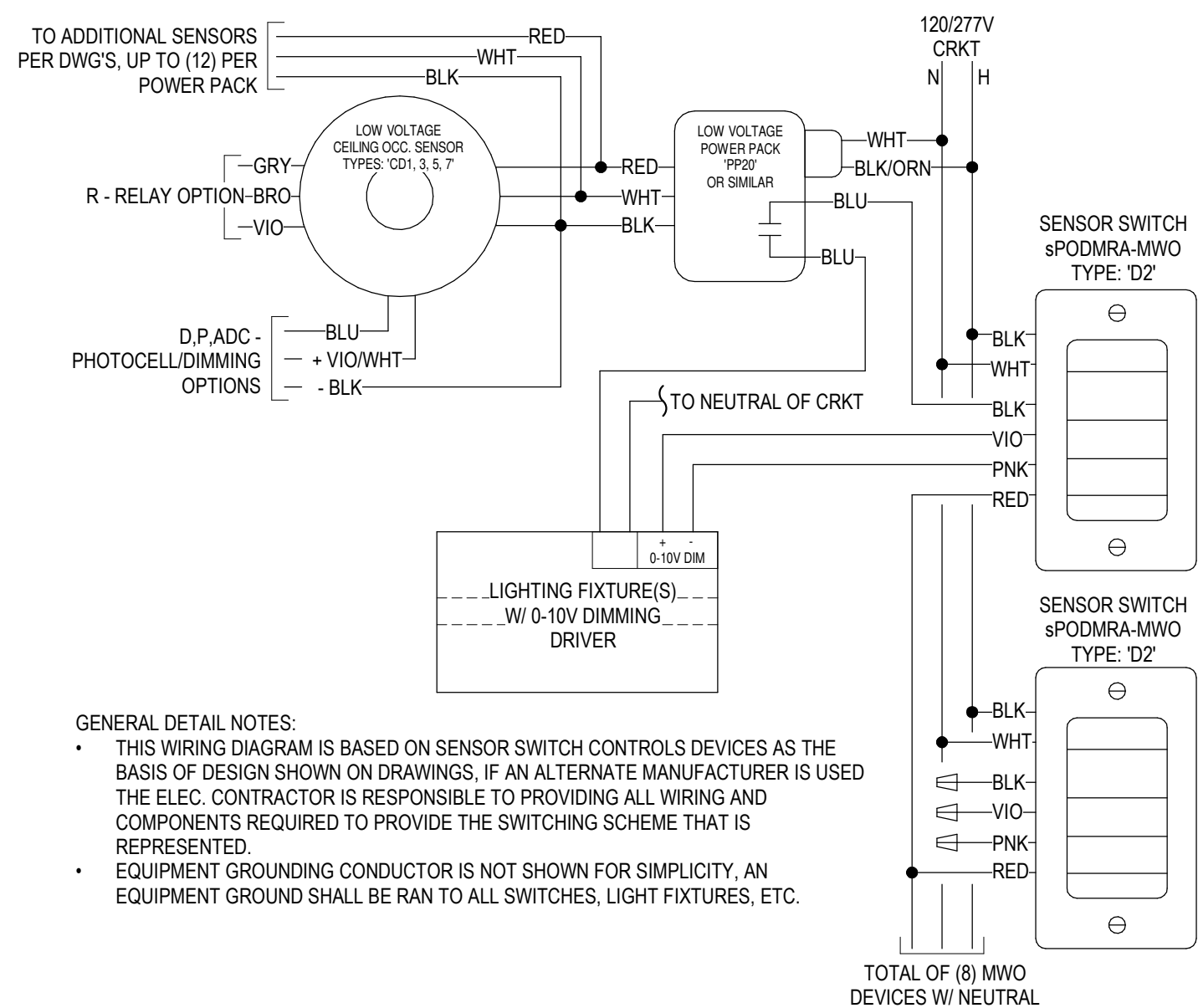
1 AV3 LARGE CAPACITY 3-GANG BOX DETAIL

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)	MFGR.	CATALOG #	APPROVED MFGR'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 SWITCHES) 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	MFGR.	CATALOG #	APPROVED EQUALS	NOTES
DIMMER SWITCHES - LINE VOLTAGE					
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
OCC. SENSORS - CEILING (LINE VOLTAGE)					
CD2	DUAL-TECHNOLOGY, LINE VOLTAGE, SMALL MOTION 800W MAX LOAD	SENSOR SWITCH	CMR PDT 9	COOPER, WATTSTOPPER, HUBBELL	
OCC. SENSORS - CEILING (LOW VOLTAGE)					
CD1	DUAL-TECHNOLOGY, SMALL MOTION 360 DEGREE COVERAGE, LOW VOLTAGE, W/ISOLATED RELAY	SENSOR SWITCH	CM PDT 9 R	COOPER, WATTSTOPPER, HUBBELL	1
OCC. SENSORS - WALL MOUNTED					
WDD	DUAL-TECHNOLOGY, 0-10V DIMMING	SENSOR SWITCH	WSX-PDT-D	COOPER, WATTSTOPPER, 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 SPECS
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			20 A	--	6
7	EXISTING LOAD	--	20 A	1	0	0					20 A	--	8
9	EXISTING LOAD	--	20 A	1			0	0			20 A	--	10
11	EXISTING LOAD	--	20 A	1			0	1500			20 A	--	12
13	EXISTING LOAD	--	20 A	1	0	540					20 A	--	14
15	EXISTING LOAD	--	20 A	1			0	1080			20 A	--	16
17	EXISTING LOAD	--	20 A	2		0	900				20 A	--	18
19	EXISTING LOAD	--	20 A	2		0	900				20 A	--	20
21	EXISTING LOAD	--	20 A	2		0	1080				20 A	--	22
23	EXISTING LOAD	--	20 A	2		0	1080				20 A	--	24
25	EXISTING LOAD	--	20 A	2	0	--					--	--	26
27	EXISTING LOAD	--	20 A	2		0	--				--	--	28
29	SPARE	--	20 A	1			0	--			--	--	30
31	SPARE	--	20 A	1	0	--					--	--	32
33	SPARE	--	20 A	1			0	--			--	--	34
35	SPARE	--	20 A	1			0	--			--	--	36
37	SPARE	--	20 A	1	0	--					--	--	38
39	SPARE	--	20 A	1			0	--			--	--	40
41	SPARE	--	20 A	1			0	--			--	--	42
TOTAL LOAD:			2.4 kVA	3.2 kVA	3.7 kVA								
TOTAL AMPS:			20 A	28 A	32 A								
TOTAL ESTIMATED DEMAND AMPS:			26 A										

BRK NOTES:
A = ARC-FAULT BREAKER GP = GFEPD BREAKER LCP = CRKT TO BE ROUTED THROUGH LTG CONTROL PANEL
S = SHUNT-TRIP BREAKER G = GFCI 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 SPECS
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	C	P	AMPS	NOTE	CIRCUIT DESCRIPTION	CKT
1	Receptacle		20 A	1	720	360			1	20 A	Receptacle	2
3	Receptacle		20 A	1			900	0	1	20 A	--	4
5	HVAC		20 A	2	1165	0			1	20 A	--	6
7	HVAC		20 A	2	1165	0	1165	0	1	20 A	--	8
9	HVAC		20 A	2	1165	0			1	20 A	--	10
11	HVAC		20 A	2	1165	0	1165	0	1	20 A	--	12
13	PREPARED SPACE	--	--	1	--	0			1	20 A	--	14
15	PREPARED SPACE	--	--	1	--	0	--	0	1	20 A	--	16
17	PREPARED SPACE	--	--	1	--	0			1	20 A	--	18
19	PREPARED SPACE	--	--	1	--		--	--	1	--	--	20
21	PREPARED SPACE	--	--	1	--		--	--	1	--	--	22
23	PREPARED SPACE	--	--	1	--		--	--	1	--	--	24
25	PREPARED SPACE	--	--	1	--		--	--	1	--	--	26
27	PREPARED SPACE	--	--	1	--		--	--	1	--	--	28
29	PREPARED SPACE	--	--	1	--		--	--	1	--	--	30
TOTAL LOAD:			3.4 kVA	3.2 kVA								
TOTAL AMPS:			33 A	31 A								
TOTAL ESTIMATED DEMAND AMPS:			32 A									

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

DATE: OCT. 2023

SAM TEP
Drawn Checked

E2.0

PROJECT #: 23110

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REGISTERED PROFESSIONAL ENGINEER
13053
OCT. 2023
STATE OF IDAHO
SHAWN A. MEADOR

Project Number
FILER SCHOOL DIST.
299 US-30, FILER, ID 83328
ELECTRICAL SCHEDULES & DETAILS

DATE: OCT. 2023
REVISION #1 - ADDENDUM #1

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