



**GENERAL**  
 G0.00 SHEET INDEX

**DEMOLITION**  
 AD1.01 FLOOR PLAN - DEMOLITION  
 AD1.71 REFLECTED CEILING PLAN - DEMOLITION

**ARCHITECTURAL**  
 A0.00 ARCHITECTURAL ABBREVIATIONS AND SYMBOLS  
 A0.10 STANDARD MOUNTING HEIGHTS  
 A0.20 CODE ANALYSIS  
 A0.40 ASSEMBLY TYPES  
 A0.70 DOOR SCHEDULE AND DOOR TYPES  
 A1.11 FLOOR PLAN  
 A1.31 FINISH PLAN  
 A1.41 FURNITURE PLAN - FOR REFERENCE ONLY  
 A1.71 REFLECTED CEILING PLAN  
 A2.10 EXTERIOR ELEVATIONS  
 A2.50 INTERIOR VIEWS  
 A3.10 BUILDING SECTIONS  
 A5.10 ENLARGED DRAWINGS  
 A5.11 ENLARGED DRAWINGS  
 A5.12 ENLARGED DRAWINGS  
 A6.10 INTERIOR FRAMED OPENING DETAILS  
 A6.20 ROOM FINISH SCHEDULE  
 A6.30 INTERIOR ELEVATIONS  
 A6.31 INTERIOR ELEVATIONS  
 A6.50 INTERIOR DETAILS  
 A6.60 STANDARD CASEWORK DRAWINGS  
 A6.61 CASEWORK DETAILS

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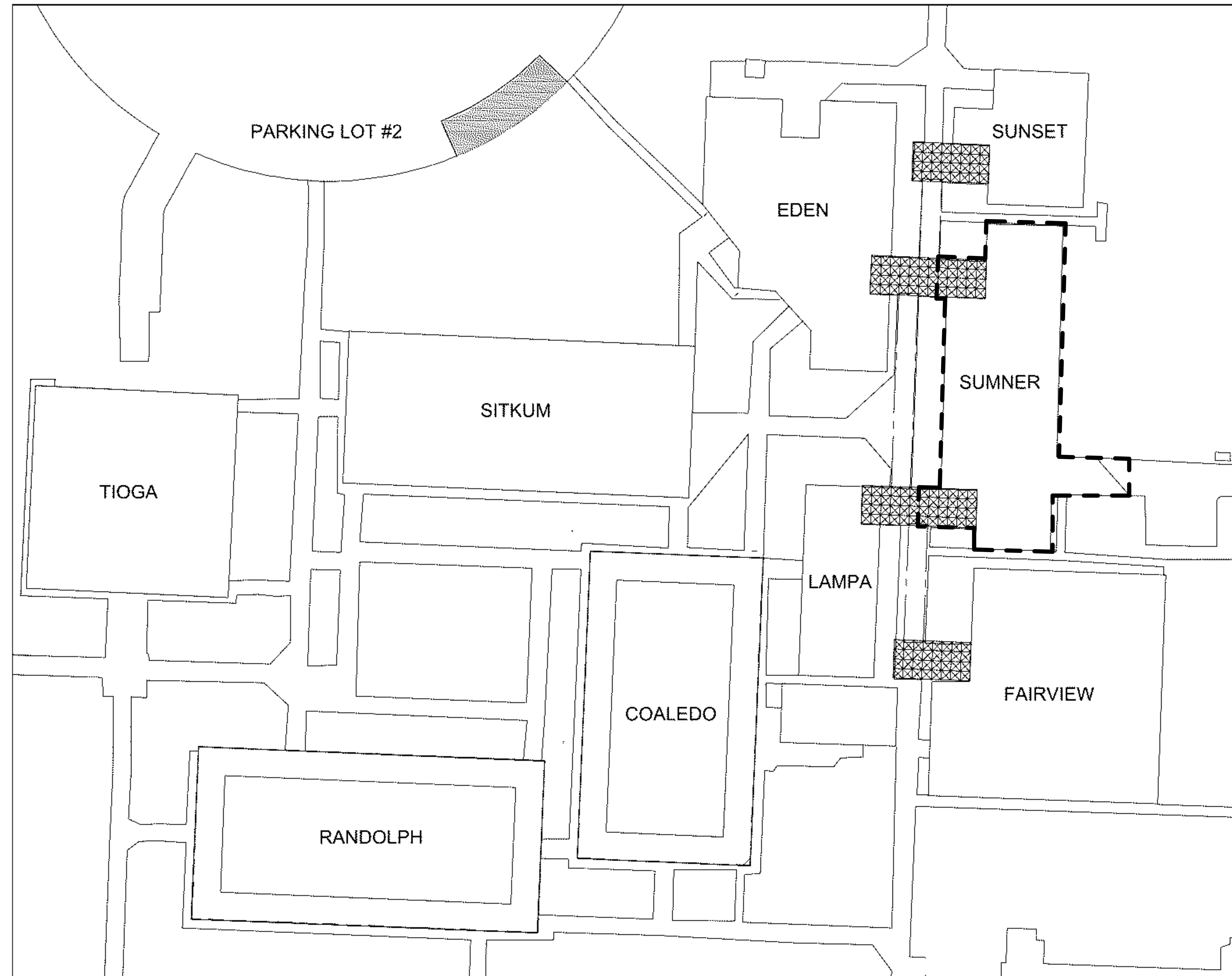
Project Owner:  
**SWOCC**

Project Name:  
**Sumner Hall**

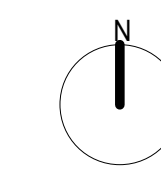
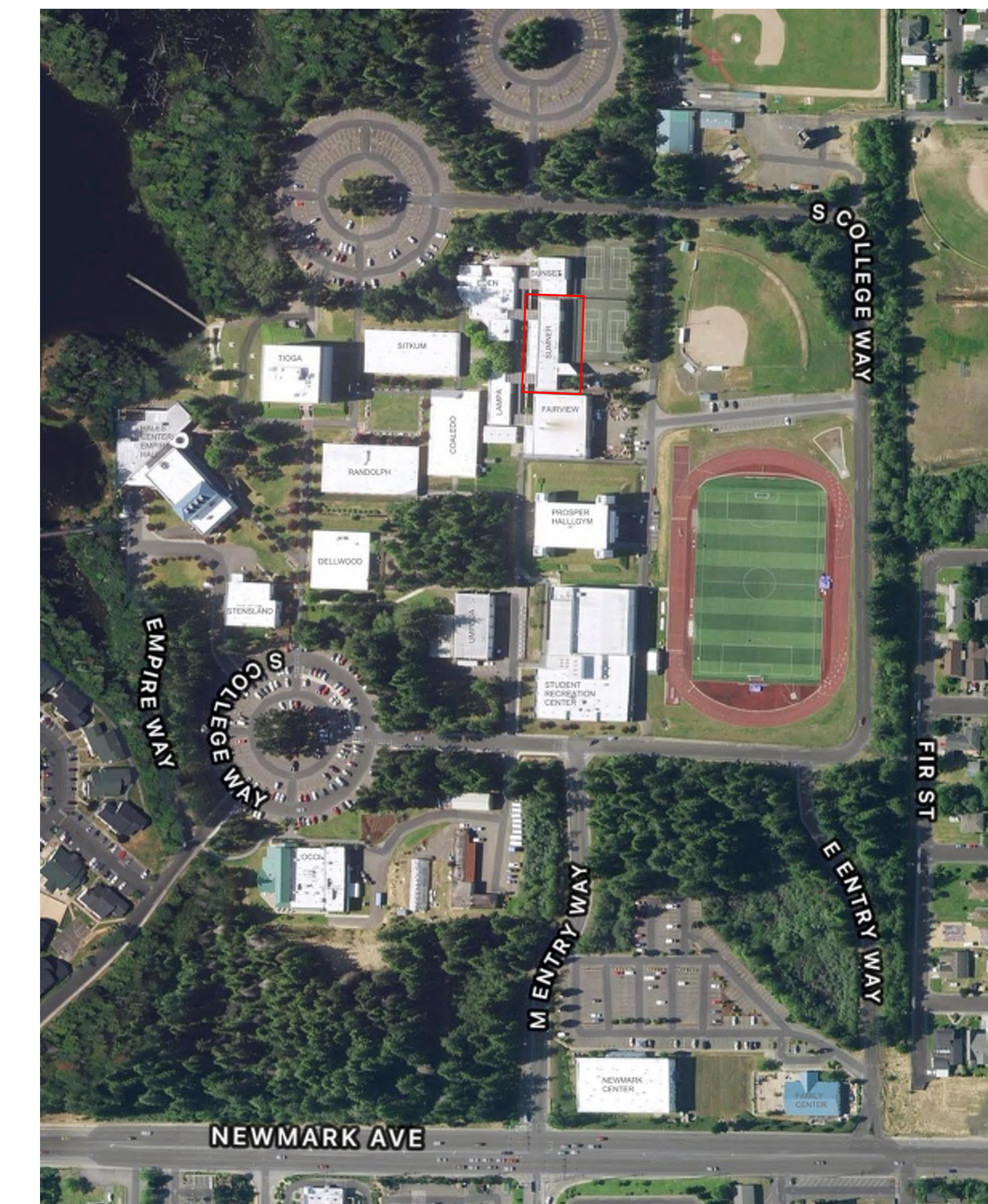
Project Address:  
**1888 Newmark Avenue,  
 Coos Bay, OR 97420**

Key Plan

**SITE PLAN**  
 NOT TO SCALE



**AERIAL SITE IMAGE**  
 NOT TO SCALE



<b>OWNER</b> SWOCC 1888 Newmark Avenue Coos Bay, Oregon 97420 (541) 888-2525 Contact: Jeff Whitey	<b>ARCHITECT</b> Opis Architecture 520 NW 17th Ave. Portland, Oregon 97209 (503) 525-9511 Contact: Mark Stoller	<b>MECHANICAL / PLUMBING / ELECTRICAL DESIGN</b> CobEiret 721 SW Industrial Way #110 Bend, Oregon 97702 (541) 728-3293 Contact: Bill Caron
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1/10/2021

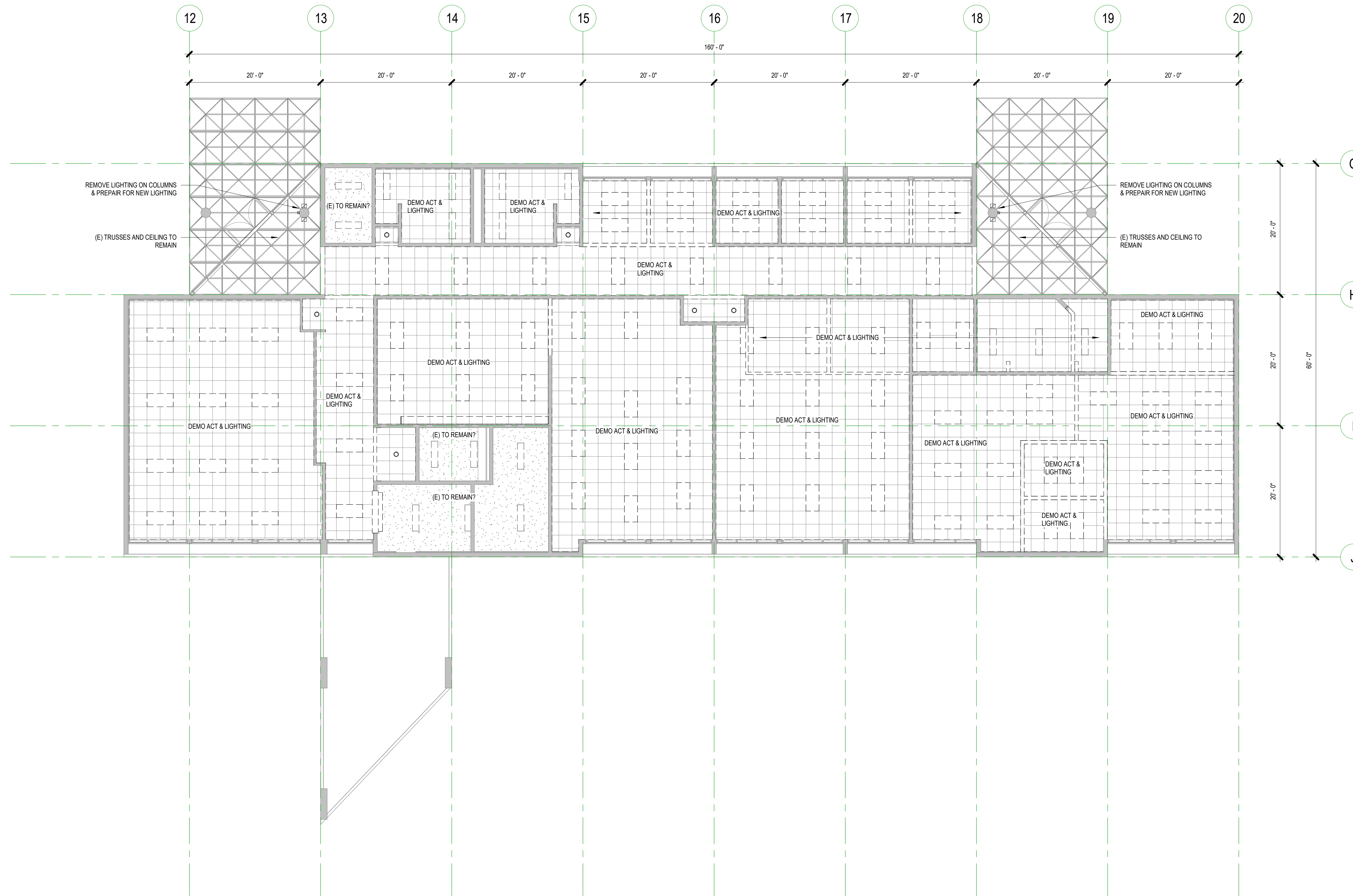
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Revisions to Sheet		
No.	Revision	Date

Status: **Permit and Bid Documents**  
 Date: **March 3, 2023**  
 Sheet Title: **SHEET INDEX**

Sheet No.: **G0.00**  
 Job No.: **4859-01**





Project Owner:  
**SWOCC**

Project Name:  
**Summer Hall**

Project Address:  
**1888 Newmark Avenue,  
 Coos Bay, OR 97420**

Key Plan

1/8/2023

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Revisions to Sheet

No.	Revision	Date

**1 | REFLECTED CEILING PLAN LEVEL 01 - DEMOLITION**  
 AD1.71 1/8" = 1'-0"

Status: **Permit and Bid Documents**

Date: **March 3, 2023**

Sheet Title:  
**REFLECTED CEILING PLAN - DEMOLITION**

Sheet No.:  
**AD1.71**

Job No.:  
**4859-01**

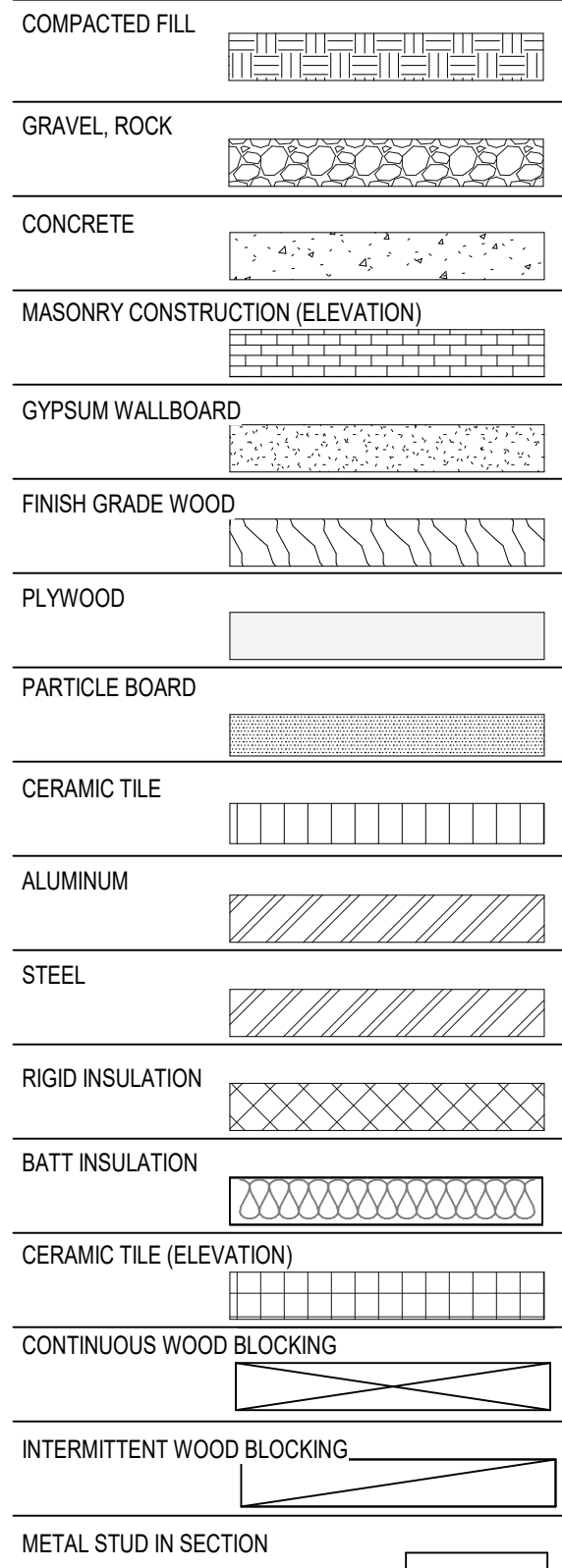
### MATERIAL KEY

KEY	NAME	SECTION
(E)	EXISTING CONCRETE	03 33 00
AB-1	ACOUSTICAL CEILING BAFFLE	09 84 36
AB-2	ACOUSTICAL CEILING BAFFLE	09 84 36
ACT-1	ACOUSTICAL CEILING TILE	09 51 23
ACT-2	ACOUSTICAL CEILING TILE	09 51 23
AP-1	WALL ACCESS DOORS AND FRAMES	08 31 13
AP-2	WALL ACCESS DOORS AND FRAMES	08 31 13
AWP-1	ACOUSTICAL WALL PANEL	09 84 36
AWP-2	ACOUSTICAL WALL PANEL	09 84 36
CG-1	CORNER GUARD	10 26 00
CG-2	CORNER GUARD	10 26 00
CG-3	CORNER GUARD	10 26 00
CONC-1	CIP	03 33 00
CPT-1	CARPET TILE	09 68 13
CPT-2	CARPET TILE	09 68 13
CPT-3	CARPET TILE	09 68 13
CPT-4	CARPET TILE	09 68 13
CT-1	CERAMIC TILE	09 30 00
CTG-1	STRUCTURAL MONOLITHIC CLEAR INTERIOR TEMPERED GLAZING	08 80 00
CTG-2	STRUCTURAL MONOLITHIC CLEAR INTERIOR TEMPERED GLAZING	08 80 00
DR-1	DRYWALL REVEAL	09 29 00
EP-1	EPOXY PAINT	09 91 00
EP-3	EPOXY PAINT	09 91 00
F-5	LIQUID-APPLIED FLASHING MEMBRANE	07 27 13
FCP-1	FIBER-CEMENT SIDING FOR EXTERIOR APPLICATIONS	07 46 46
FEC-1	FIRE EXTINGUISHER CABINET	10 44 15
FR-1	FIBER REINFORCED PLASTIC WALL PROTECTION	09 72 12
GB-1	GRAB BAR	10 28 00
GB-2	GRAB BAR	10 28 00
GB-3	GRAB BAR	10 28 00
GB-4	GRAB BAR	10 28 00
GL-1	ONE-WAY GLASS FOR INTERIOR RELITE	08 80 00
GRT-1	GROUT	09 30 00
GRT-2	GROUT	09 30 00
GRT-3	GROUT	09 30 00
GRT-4	GROUT	09 30 00
GWB-1	GYPNUM WALL BOARD	09 29 00
GWB-2	GYPNUM WALL BOARD	09 29 00
GWB-3	WATER RESISTANT GYPNUM BACKING BOARD	09 29 00
GWB-4	CERAMIC TILE BACKING BOARD	09 29 00
GYPNUM	HIGH-STRENGTH ONE-COMPONENT GYPNUM VENEER PLASTER	09 26 13
HDWR-1	CLOSET ROD & BRACKETS	06 41 00
HDWR-2	SHELF STANDARDS & BRACKETS	06 41 00
HDWR-3	SLIDING GLASS DOOR HARDWARE	06 41 00
HDWR-4	DISPLAY CASE SHELF HARDWARE	06 41 00
HDWR-5	GROMMET	06 41 00
HDWR-6	TRASH GROMMET	06 41 00
HM	HOLLOW METAL FRAME	08 11 14
HMA1	HOLLOW METAL DOOR	08 11 14
IGU-1	EXTERIOR CLEAR INSULATED GLAZING UNIT (IGU), SAFETY GLAZING	08 80 00
IGU-2	EXTERIOR CLEAR INSULATED GLAZING UNIT (IGU), GENERAL USE	08 80 00
IMP-1	INSULATED METAL PANEL	06 41 13
INSUL-1	BATT INSULATION, MINERAL WOOL UNFACED	07 21 00
INSUL-2	GLASS-FIBER BLANKET INSULATION	07 21 00
LV-1	FIXED, EXTRUDED ALUMINUM LOUVERS	08 91 19
LWIC-1	LINEAR WOOD CEILING	09 54 26
LWCS-1	LINEAR WOOD CEILING SUPPORT	09 54 26
MB-1	MARKERBOARD	10 11 00
MB-2	MARKERBOARD	10 11 00
MB-3	MARKER AND TACK WALL	10 11 00
MC-1	MILLION TRIM CAP	09 29 00
MH-1	MOP HOLDER	10 28 00
MR-1	MIRROR	10 28 00
MR-2	MIRROR	10 28 00
MR-3	MIRROR	10 28 00
MWR-1	MILLYWORK REVEAL	06 41 00
P-1	PAINT	09 91 00
P-2	PAINT	09 91 00
P-3	PAINT	09 91 00
P-4	PAINT	09 91 00
P-5	PAINT	09 91 00
P-10	PAINT	09 91 00
P-11	POWDERCOAT	09 96 00
P-15	PAINT	09 91 00
P-16	PAINT	09 91 00

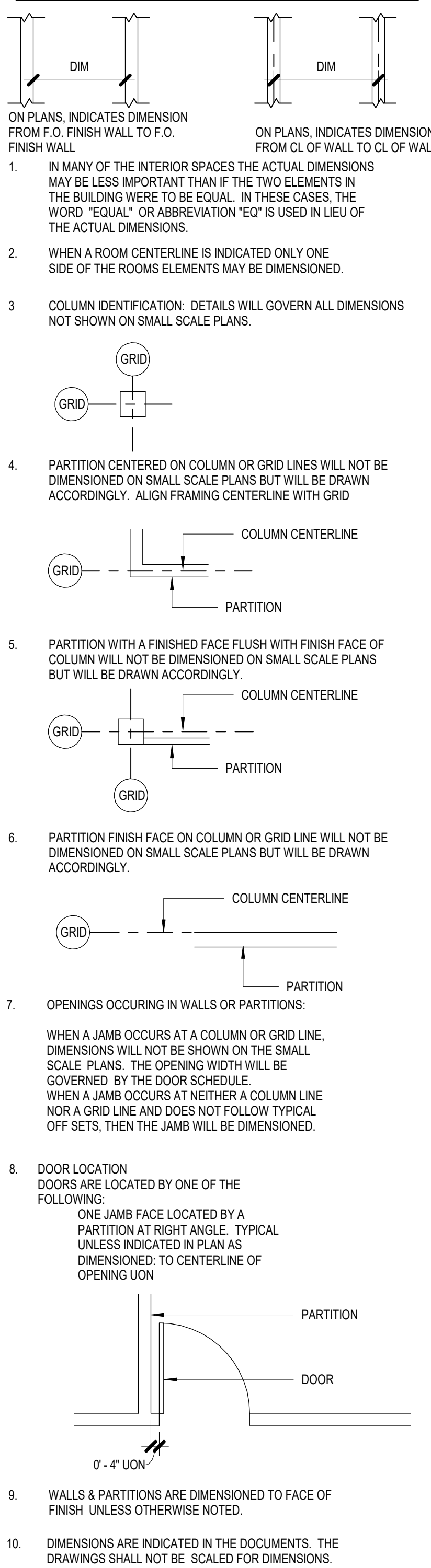
### MATERIAL KEY

KEY	NAME	SECTION
PLAM-1	PLASTIC LAMINATE	06 41 00
PLAM-2	PLASTIC LAMINATE	06 41 00
PLAM-3	PLASTIC LAMINATE	06 41 00
PLAM-4	PLASTIC LAMINATE	06 41 00
PLAM-5	PLASTIC LAMINATE	06 41 00
PLAM-6	PLASTIC LAMINATE	06 41 00
PT-1	PORCELAIN TILE	09 30 00
PT-2	PORCELAIN TILE	09 30 00
PTD-1	PAPER TOWEL DISPENSER	10 28 00
PTD-2	PAPER TOWEL DISPENSER	10 28 00
PWP-1	PLYWOOD WALL PANELING	06 20 23
RB-1	RUBBER BASE	09 65 13
RB-2	RUBBER BASE	09 65 13
REF-1	REFRIGERATOR	11 45 00
REF-2	REFRIGERATOR	11 45 00
REF-3	REFRIGERATOR	11 45 00
RF-1	RESILIENT FLOORING	09 65 00
RF-2	RESILIENT FLOORING	09 65 00
RF-3	RESILIENT FLOORING	09 65 00
RF-4	RESILIENT FLOORING	09 65 00
RS-1	ROLLER SHADE	12 24 13
RWR-1	RECESSED WASTE RECEPTACLE	10 28 00
SAM-1	SELF-ADHERED TRANSITION MEMBRANES	07 27 13
SAM-2	HIGH TEMPERATURE, FOIL-FACED TRANSITION MEMBRANE (FOIL-FACE TRANSITION)	07 27 13
SAM-3	HIGH TEMPERATURE, TRANSITION MEMBRANE (H-TEMP TRANSITION)	07 27 13
SC-1	SHOWER CURTAIN	10 28 00
SCD-1	SEAT COVER DISPENSER	10 28 00
SCR-1	SHOWER CURTAIN ROD	10 28 00
SD-1	SOAP DISPENSER	10 28 00
SF-1	ALUMINUM STOREFRONT SYSTEM	08 41 13
SIGN-1	PANEL SIGNAGE	10 14 23
SND-1	SANITARY NAPKIN DISPOSAL	10 28 00
SS-1	STAINLESS STEEL	06 41 00
SURF-1	SOLID SURFACE	06 41 00
SURF-2	SOLID SURFACE	06 41 00
SURF-3	SOLID SURFACE	06 41 00
SURF-4	SOLID SURFACE	06 41 00
SURF-5	EPOXY TOP	06 41 00
TC-1	TOILET COMPARTMENTS	10 21 13
TPO-1	FULLY ADHERED TPO (THERMOPLASTIC POLYOLEFIN) ROOFING SYSTEM	07 54 23
TRANS-1	TRANSITION, RF TO CPT	09 65 13
TRANS-2	TRANSITION, RF TO (E) CONC	09 65 13
TRANS-3	TRANSITION, PT TO RF	09 30 00
TRANS-4	TRANSITION, CORE BASE	09 30 00
TRANS-5	TRANSITION, PT TO (E) BRICK OR RF	09 30 00
TRANS-6	TRANSITION, PT TO (E) CONCRETE	09 30 00
TRANS-7	TRANSITION, TOP EDGE OF PT WALL TILE	09 30 00
TRANS-8	TRANSITION, CPT TO (E) BRICK	09 65 13
TRANS-9	TRANSITION, RF TO (E) BRICK AT DOOR	09 65 13
TRANS-10	TRANSITION, RF TO (E) BRICK AT ALCOVE	09 65 13
TRANS-11	TRANSITION, PT TO RF	09 30 00
TTD-1	TOILET TISSUE DISPENSER	10 28 00
TTD-2	TOILET TISSUE DISPENSER	10 28 00
TTD-3	TOILET TISSUE DISPENSER	10 28 00
TTD-4	TOILET TISSUE DISPENSER	10 28 00
UPH-1	UPHOLSTERY	06 20 23
UPH-2	UPHOLSTERY	06 20 23
VB-1	VAPOR RETARDER	07 21 00
VB-3	VAPOR RETARDER	07 54 23
WD	FLUSH WOOD DOORS	08 14 16
WD-1	FLUSH WOOD DOOR	08 14 16
WD-2	FLUSH WOOD DOOR	08 14 16
WD-3	EXISTING DOORS TO REMAIN	08 14 16
WD-4	SOLID STOCK	06 20 23
WDM-1	WALK-OFF CARPET	10 28 00
WP-1	WALL PROTECTION	07 27 13
WRB-1	VAPOR/PERMEABLE MEMBRANE AIR BARRIER	07 27 13
WT-1	EXTERIOR WOOD TRIM	06 20 13

### MATERIAL SYMBOLS



### INTERIOR PARTITION DIMENSIONING LEGEND



### SYMBOLS LEGEND

SYMBOL	DESCRIPTION
1	DRAWING NUMBER
A101	SHEET NUMBER
1	SECTION NUMBER
A101	SHEET NUMBER
1	DETAIL NUMBER
A101	SHEET NUMBER
A101	ELEVATION NUMBER
0	NEW GRID SYMBOL
0	EXISTING GRID SYMBOL
N	NORTH ARROW
Room 101	ROOM NAME
101	ROOM NUMBER
NUMBER	DOOR NUMBER INDICATOR
C1	CEILING ASSEMBLY TYPE
T-0'	CEILING HEIGHT
CPT-1	KEY NOTE
1	EXTERIOR FRAME TYPE
1	INTERIOR FRAME TYPE
As	WALL TYPE
Rt	ROOF TYPE
F-1	FLOOR TYPE
REVISION CLOUD	REVISION CLOUD
Ab	REVISION LABEL
D-3	FURNITURE TYPE
F-2	FLOOR TYPE
E-1	FLOOR TYPE
0'-0"	ELEVATION
0'-0"	ELEVATION
xxx	LABEL
⊕	FLOOR DRAIN
FEC	FIRE EXTINGUISHER CABINET

### STANDARD ABBREVIATIONS

AB	anchor bolt	M	metric/meter
ABV	above	MACH	machine
ACT	acoustic ceiling tile	MAS	masonry
AC	architectural concrete	MAC	mechanical
AC	asphaltic concrete	MAX	maximum
AD	area drain	MB	marker board
ADD	addendum	MDF	medium density fiberboard
ADJ	adjustable	MDO	medium density overlay
AF	access floor	MECH	mechanical
AFP	above finish grade	MEMB	membrane
AGG	aggregate	MFR	manufacturer
AHU	air handling unit	MH	manhole
AI	air inlet	MIN	minimum
AL	alternate	MI	mirror
ALUM	aluminum	MISC	miscellaneous
AMT	amount	MNO	masonry opening
APPROX	approximate	MRG	moisture resistant gypsum board
ARCH	architectural	MTD	mounted
AUTO	automatic	MTL	metal
BC	bottom of curb	N	north
BBS	baby changing station	NA	not applicable
BD	board	NCS	number
BFF	below finish floor	NO	nominal
BLDG	building	NS	non-sink
BLK	block	NTS	not to scale
BLKG	blocking	OA	outside air
BM	beam or bench mark	OC	on center
BO	bottom of deck	OD	outside diameter/dimension
BOO	bottom of deck	OFI	owner furnished
BOR	bottom of reveal	OFI	owner furnished
BOT	bottom	OFI	owner furnished
BRG	bearing	OTS	Open to Structure
BR	brick	OPG	opening
BSMT	basement	OPP	opposite
CAB	cabinetry	OPH	opposite hand
CB	catch basin	OPT	original
CEM	cement	ORG	original
CEN PT	center point	OWD	overhead
CG	corner guard	PAV	pavers
CIP	cast in place	PC	precast concrete
CJ	control joint	PCF	pounds per cubic foot
CL	center line	PCP	portland cement plaster
CLG	ceiling	PERF	perforate
CLR	clear	PIL	property line
CMU	concrete masonry unit	PL	plate
COL	column	PLAM	plaster
CONC	concrete	PLAS	plaster
CONT	continuous	PLMB	plaster
CORR	corridor	PLWB	pounds per linear foot
COV PL	cover plate	PLY	plywood
CPT	carpet	PLUM	plumbing
CT	ceramic tile	PNT	paint
CTOP	countertop	PNL	panel
CTR	center	PRELIM	preliminary
DBL	double	PSI	pounds per square inch
DET	detail	PT	quarter
DF	drinking fountain	FTD	quarry tile
DIA	diameter	QTR	quarry tile
DIFF	diffuser	R	riser
DM	dimension	R	thermal resistance (R-value)
DN	downlead	RA	radius
DN	down	RAO	radius
DR	door	RB	rubber base
DRN	drain	RD	roof drain
DS	downspout	REC	recessed
DS	double base	REF	reference
DWG	drawing	REF	refrigerator
E	east	RENF	refractor(d)(ment)(ing)
(E)	existing	REQD	required
EAC	Electronic Access Controls	REV	revision
EB	expansion joint	RF	reflected
EJ	expansion joint	REFL	reflected
ELEC	electrical	RM	room
ELEV	elevation	RND	round
EMER	emergency	RO	rough opening
ENC	enclosure	RO	rough opening
ENGR	engineer	ROOMT	room (mentals)
EP	epoxy paint	RS	rafter
ENAM	enamel	RS	rafter
EQ	equal	RV	roof vent
EQUIP	equipment	RW	right of way
EXH	exhaust	RWF	resilient wood floor
EXP	expansion	RWL	rain water leader
EXPD	exposed	S	south
EXT	exterior	SC	solid core
FA	fire alarm	SCHED	schedule
FB	fat bar	SECT	section
FD	floor drain	SF	square foot(least)
FDN	foundation	SHNG	sheathing
FE	fire extinguisher	SHT	sheet
FEC	fire extinguisher cabinet	SIM	similar
FF	finish floor	SJ	seismic joint
FIN	finish	SLR	sealer
FLR	floor	SDG	slab on grade
FLUOR	fluorescent	SPEC	specification
FO	face of	SO	square
FOF	face of finish	SS	stainless steel
FOC	face of concrete	ST	steel
FOM	face of masonry	STN	stack(lead)
FOS	face of studs	STAG	staggered
FFRF	fire-resistive	STD	standard
FRL	fiber reinforced laminate	STL	steel
FRP	fiber reinforced panel	STOR	storage
FT	foot of foot	STRUCT	structural
FTG	footing	SURF	surface
FV	field verify	SUSP	suspended
GA	gauge	SWS	see wall sections
GALV	galvanized	SYM	symmetrical
GC	general contractor	SYS	system
GL	glass	T	tie
GLB	glulam beam	THR	thread
GRD	grade	TB	tackboard
GND	ground	TEMP	temporary
GWB	gypsum wall board	TEMP GL	tempered glass
HB	hose bib	T&G	top and bottom
HDR	header	THRSH	threshold
HDW	hardware	THRU	through
HWD	hardwood	TO	top of
HKP	house keeping pad	TOC	top of concrete or curb
HM	hollow metal	TOS	top of steel
HNDRL	handrail	TOT	total
HORIZ	horizontal	TRV	thermal resistance value
HR	hour	TYP	typical
HSTL	hollow steel	UNFIN	unfinished
HT	height	UNON	unless otherwise noted
HTG	heating	V	voltage
HTR	hسته	VB	vapor barrier
HV	hose valve	VENT	ventilation
HVAC	heating, ventilating & air conditioning	VERT	vertical
ID	inside diameter/dimension	VEST	vestibule
IN	inch	VF	verify in field
INCL	include(d)	VNR	veneer
INFO	information	VTR	vent to roof
INSUL	insulation	W	west
INT	interior	W	with
INV	inset	WD	wood
JB	junction box	WDW	window
JST	joint	WLD	weld(ed)
JT	joint	WOC	walk-off carpet
L	length	WGL	wire glass
LAM	laminated	WOM	walk off mat
LAV	lavatory	WO	walk off mat
LB	pound or lag bolt	WP	waterproofing
LF	linear foot or feet	WSCT	wainscot
LH	left hand	WT	weight
LIN	linoleum	WTR	water
LL	live load	WW	wall to wall
LT	light	WWF	welded wire fabric
LVR	louver	XFRMR	transformer
		YD	yard



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Project Owner:  
**SWOCC**

Project Name:  
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Project Address:  
**1888 Newmark Avenue,  
Coos Bay, OR 97420**

Key Plan

10/10/2021

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Revisions to Sheet  
No. Revision Date

Status: **Permit and Bid Documents**

Date: **March 3, 2023**

Sheet Title: **ARCHITECTURAL ABBREVIATIONS AND SYMBOLS**

Sheet No.

**A0.00**

Job No.

**485**

**MOUNTING HEIGHTS SHEET NOTES**

1. OFCI ACCESSORY MOUNTING HEIGHTS TO BE VERIFIED DURING THE SUBMITTAL REVIEW PROCESS

plotted: 3/8/2023 5:08:20 PM  
sheet size: 31" x 42"

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opsisarch.com



Project Owner:  
**SWOCC**

Project Name:  
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Project Address:  
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Key Plan

1/24/2021

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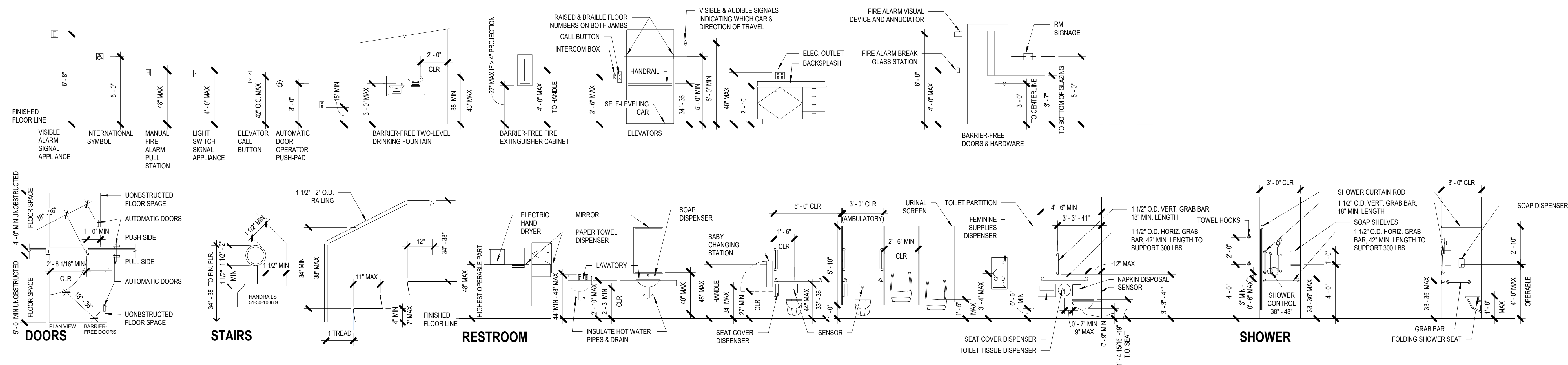
Sheet Title:  
**STANDARD MOUNTING HEIGHTS**

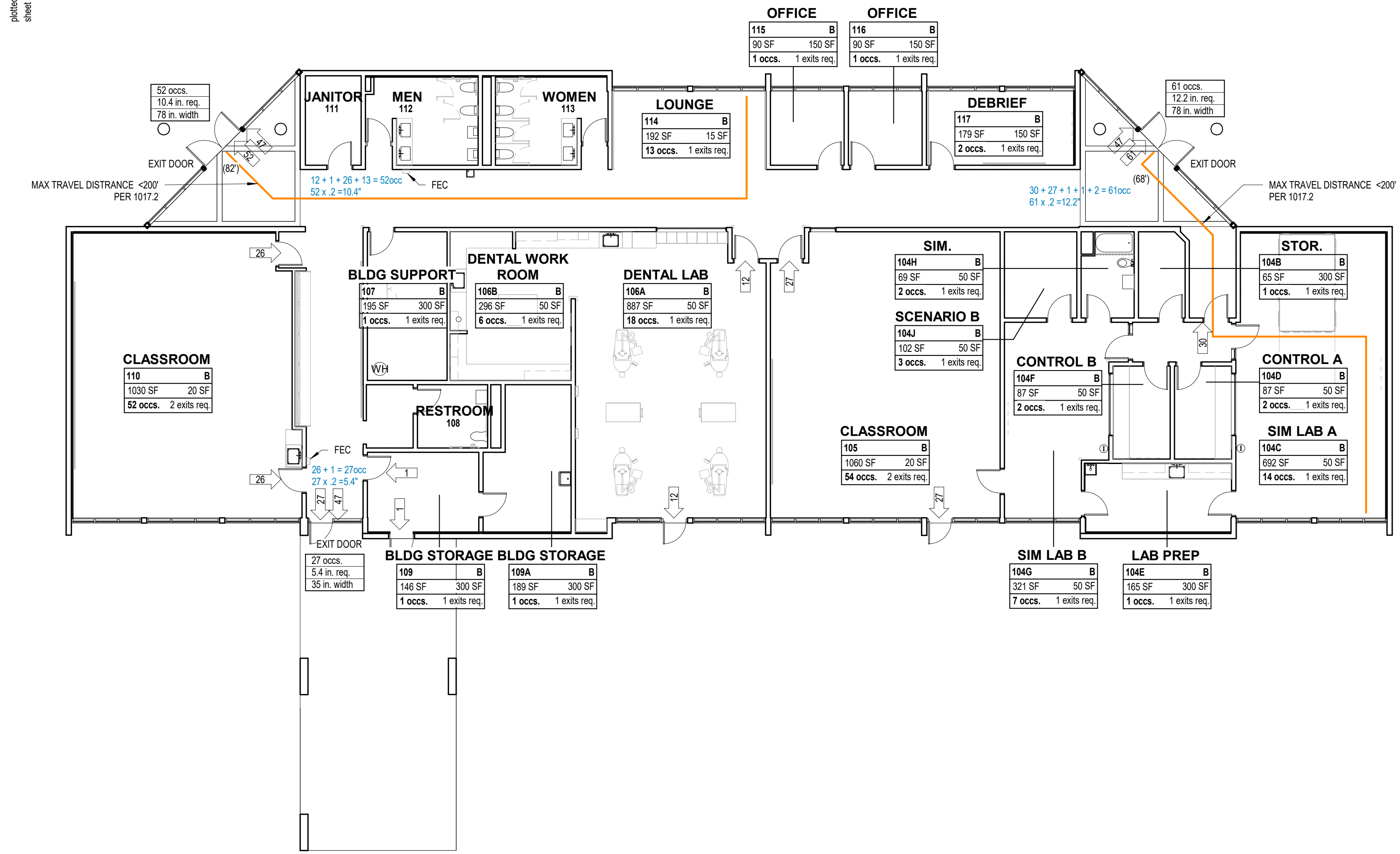
Sheet No.

**A0.10**

Job No.

**4859-01**





**1 FLOOR PLAN - LIFE SAFETY**  
A0.20 1" = 10'-0"

**CODE LEGEND**

**FIRE RATED SEPARATIONS**

- 1 HOUR FIRE RATED SEPARATION
- 2 HOUR FIRE RATED SEPARATION
- 3 HOUR FIRE RATED SEPARATION
- 4 HOUR FIRE RATED SEPARATION

**TRAVEL DISTANCE IN FEET**

- PATH OF EGRESS (MAX. TRAVEL DISTANCE)
- COMMON PATH
- EXIT LOAD INDICATOR

**ROOM DATA**

Room name: ROOM NAME  
 101 A-1 AREA / OCCUPANCY LOAD FACTOR  
 1000 00 OCCUPANCY LOAD (ACTUAL) / REQUIRED NUMBER OF EXITS

**DOOR DATA**

DoorExitName: EXIT NAME (OPTIONAL)  
 - OCCS. DOOR OCCUPANTS SERVED  
 - BL. REQ. REQUIRED DOOR WIDTH  
 - BL. WIDTH ACTUAL DOOR WIDTH

**EGRESS LIGHTING**

- EGRESS LIGHTING FIXTURES
- EXIT SIGN (SEE ELECTRICAL PLANS FOR LOCATION)
- FEC FIRE EXTINGUISHER CABINET

NOTE: SEE DOOR SCHEDULE FOR FIRE RATED DOORS

**CHAPTER 1: ADMINISTRATION**

**PROJECT ADDRESS:** SOUTHWESTERN COMMUNITY COLLEGE  
COOS BAY, OREGON 97031

**JURISDICTIONAL AUTHORITY (AHJ):** CITY OF COOS BAY

**APPLICABLE CODE:** 2022 OREGON STRUCTURAL SPECIALTY CODE  
2022 INTERNATIONAL FIRE CODE  
2022 MECHANICAL SPECIALTY CODE  
2021 OREGON ELECTRICAL SPECIALTY CODE  
2021 OREGON PLUMBING SPECIALTY CODE  
2021 OREGON ENERGY EFFICIENCY SPECIALTY CODE  
NFPA 101 (NOTE: LOCAL CODE WILL TAKE PRECEDENCE. DEVIATIONS FROM NFPA IN INDIVIDUAL SECTIONS.)

**APPLICABLE ZONING:** URBAN PUBLIC, COOS BAY, OREGON

**CHAPTER 3: USE AND OCCUPANCY CLASSIFICATION**

**OCCUPANCY CLASSIFICATION (SECTION 304)**  
BUSINESS GROUP B

**CHAPTER 6: GENERAL BUILDING HEIGHTS AND AREAS**

**ALLOWABLE BUILDING HEIGHT AND AREA**

TYPE	GROUP	(TABLE 604.3) HEIGHT (feet)	(TABLE 604.4) STORY	(TABLE 606.2) AREA
V B (NS)	B	47	2	8,842 SF

**ACTUAL AREA:** 8,842 SF

**CHAPTER 6: TYPES OF CONSTRUCTION**

CONSTRUCTION CLASSIFICATION (TABLE 601)	TYPE VB	RATING
FIRE RESISTIVE BUILDING ELEMENTS (Table 601)		
ITEM		
PRIMARY STRUCTURAL FRAME	0 HR	
EXTERIOR BEARING WALLS	0 HR	
INTERIOR BEARING WALLS	0 HR	
EXTERIOR NON-BEARING WALLS OR PLATFORMS	Table 705.5	
INTERIOR NON-BEARING WALLS OR PLATFORMS	0 HR	
FLOOR CONSTRUCTION	0 HR	
ROOF CONSTRUCTION	0 HR	
FIRE SEPARATION FOR EXTERIOR WALLS (Table 705.5)		
X= FIRE SEPARATION DISTANCE (FT)		
X < 5	1 HR	
5 < X < 10	1 HR	
10 < X < 30	0 HR	
X > 30	0 HR	

**CHAPTER 9: FIRE PROTECTION SYSTEMS**

**PORTABLE FIRE EXTINGUISHERS**  
AS REQUIRED BY CODE - SEE PLANS FOR LOCATIONS AND SPECIFICATIONS FOR FIRE PROTECTION SPECIALTY EQUIPMENT

**ALARM AND DETECTION**  
TYPE: 2A108C W/ 75' MAX TRAVEL DISTANCE  
SMOKE DETECTION AND MANUAL FIRE ALARM BOXES ARE NOT REQUIRED FOR GROUP 'B' (807.2.2 EXCEPTION). A MANUAL FIRE ALARM SYSTEM, WHICH ACTIVATE THE OCCUPANT NOTIFICATION SYSTEM IN ACCORDANCE WITH SECTION 907.5, SHALL BE INSTALLED IN GROUP B OCCUPANCIES WHERE ONE OF THE FOLLOWING CONDITIONS EXISTS:  
THE COMBINED GROUP B OCCUPANT LOAD OF ALL FLOORS IS 500 OR MORE.  
THE GROUP B OCCUPANT LOAD IS MORE THAN 100 PERSONS ABOVE OR BELOW THE LOWEST LEVEL OF EXIT DISCHARGE.  
THE FIRE ALARM AREA CONTAINS AN AMBULATORY CARE FACILITY.

**FIRE DEPARTMENT CONNECTIONS**  
FDC TO COMPLY WITH NFPA STANDARD APPLICABLE TO THE SYSTEM DESIGN

**CHAPTER 28: PLUMBING FIXTURE COUNT REQUIREMENTS**

PLUMBING FIXTURE COUNT TABLE  
PER OSSC CHAPTER 29 AND TABLE 2902.1

CLASSIFICATION	TOTAL OCCUPANTS	OCCUPANTS PER SEX	WC LOAD		WC REQ'D PER SEX				LAV LOAD		LAV REQ'D PER SEX				DRINKING FNTN REQ'D
			MALE	FEMALE	MALE		TOTAL	MALE	FEMALE	TOTAL	TOTAL				
					WC	UR						WC	MALE	FEMALE	
BUSINESS (B) *	182	91	1/25 -1ST 50 AND 1/50 REMAINDER	1/25 -1ST 50 AND 1/50 REMAINDER	2.82	-	2.82	-	140 -1ST 80 AND 1/80 REMAINDER	2.14	2.14	-	-	-	
			TOTAL REQ'D (ROUNDED UP)		3	-	3	-		3	3	-	6	-	
			EXISTING PROVIDED		2	2	4	-		2	2	-	4	1	
			TOTAL		2	2	4	1	9	2	2	1	5	1	

**CHAPTER 10: MEANS OF EGRESS**

**OCCUPANT LOAD - GENERAL**  
SEE CODE PLANS FOR USE OF INDIVIDUAL SPACES AS WELL AS OCCUPANT LOADS

AREA	OCC	AREA (SF)	OCCUPANT LOAD
ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300	780	5
BUSINESS AREAS	150	359	4
SHOPS AND OTHER VOCATIONAL ROOM AREAS	50	2,641	54
CLASSROOM AREA	20	2,090	106
ASSEMBLY WITHOUT FIXED SEATS, UNCONCENTRATED	15	192	13
<b>TOTAL OCCUPANTS</b>		5,942	182

**MIN ALLOWABLE WIDTH IN INCHES (PER OSSC 2022 AND NFPA 101)**

- STAIRS: OCCUPANT LOAD x 0.2
- OTHER EGRESS COMPONENTS: OCCUPANT LOAD x 0.15
- MIN DOOR WIDTH 32" CLEAR PER OSSC 1010.1.1
- DOORS WHEN FULLY OPEN MAY NOT REDUCE THE REQUIRED WIDTH BY MORE THAN 7" DOORS IN ANY POSITION MAY NOT REDUCE THE REQUIRED WIDTH BY MORE THAN 1/2

**EXIT ACCESS**  
COMMON PATH OF EGRESS TRAVEL (PER OSSC 2022 AND NFPA)  
OCCUPANCY B, NON-SPRINKLED: 75 (PER TABLE 1006.2.1)

**EXIT ACCESS DOORWAYS**  
2 DOORS REQUIRED IF OCCUPANT LOAD IS 1-500 (PER TABLE 1006.3.3 OSSC 2022)  
EXIT ACCESS DOORS SHALL BE SEPARATED BY 1/2 THE DIAGONAL DIMENSION OF THE AREA SERVED (1007.1.1)

**EXIT TRAVEL DISTANCE**  
OCCUPANCY B, NON-SPRINKLED: 200' (PER TABLE 1017.2)

**CORRIDORS (PER OSSC 2022)**  
FIRE RATING: CORRIDORS NOT REQUIRED TO BE RATED (PER 1020.1)  
WIDTH: 44" MIN WIDTH (PER TABLE 1020.3)

**EGRESS LIGHTING**  
THE MEANS OF EGRESS LIGHTING SHALL NOT BE LESS THAN 1 FOOT CANDLE AT THE WALKING SURFACE. IN THE EVENT OF A POWER...

**CHAPTER 13: ENERGY EFFICIENCY**  
SEE OREGON STATE ENERGY CODE - SIMPLIFIED TRADEOFF BUILDING ENVELOPE OPTION FOLLOWED

**CLIMATE ZONE: COOS COUNTY 4C**

**DESIGN REQUIREMENTS:** OSSC 2021

	ASSEMBLY MAX U-VALUE	INSULATION MIN R-VALUE
ROOF INSULATION - ABOVE DECK	U-0.032	R-30 c.i.
WOOD FRAMED WALLS - ABOVE GRADE	U-0.064	R-13 + R-3.8 c.i. or R-20
SLAB ON GRADE - UNHEATED	F-0.520	R-15 for 24 in.
OPAQUE DOORS - SWINGING	U-0.370	
<b>ASSEMBLY MAX U</b>		<b>ASSEMBLY MAX SHGC</b>
VERTICAL FENESTRATION - FIXED	0.36	0.36
VERTICAL FENESTRATION - OPERABLE	0.45	0.33
VERTICAL FENESTRATION - ENTRANCE DOOR	0.63	0.33

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Date: **March 3, 2023**

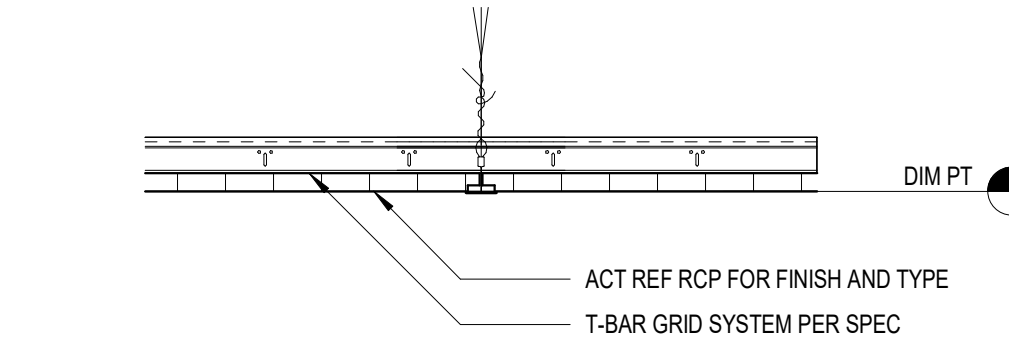
Sheet Title: **CODE ANALYSIS**

Sheet No.

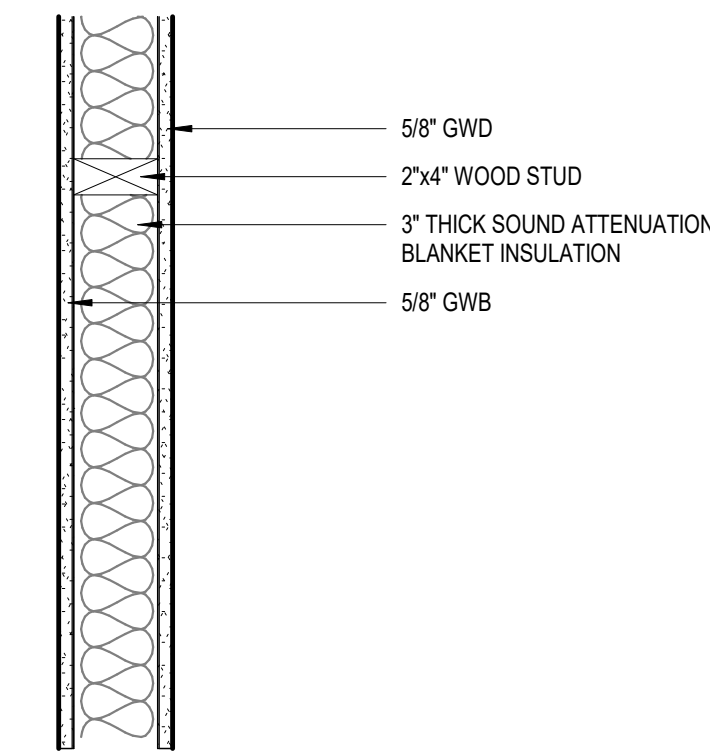
**A0.20**

Job No.

**4859-01**



**ACOUSTICAL CEILING**  
**C1 | TILE (ACT-1)**  
HEIGHT NOTED A.F.F.



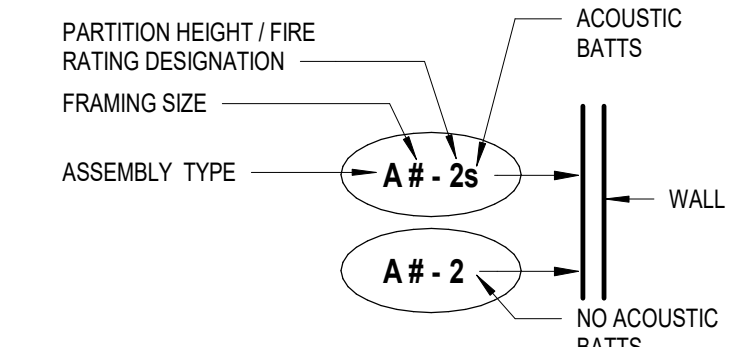
**WOOD STUD PARTITION - (1)**  
**A | LAYER GWB BOTH SIDES**  
NOTES:



**TYPICAL GWB**  
**C2 | CEILING**  
HEIGHT NOTED A.F.F.

- SEE FLOOR PLAN DRAWINGS FOR WALL TYPE LOCATIONS
- SEE DETAILS ON THIS SHEET FOR TYPICAL ASSEMBLY DETAILS
- REFERENCE ACOUSTICAL DRAWINGS FOR ADDITIONAL DETAILS AND REQUIREMENTS, AIR TIGHT ROOM LOCATIONS, AND ACOUSTIC SEALING REQUIREMENTS AT SOUND RATED PARTITIONS
- REFERENCE LIFE SAFETY AND REFLECTED CEILING PLANS FOR HORIZONTAL & VERTICAL RATED LOCATIONS. MAINTAIN FIRE RATING OF WALLS AROUND FIRE EXTINGUISHER CABINETS, AND OTHER RECESSED ITEMS
- FRAME AROUND BEAMS AND OTHER STRUCTURAL ELEMENTS WHEN THEY OCCUR WITHIN THE SPACE OF A FIRE RATED OR ACOUSTICAL PARTITION
- WHEN METAL FRAMING CONTIGUES PAST INTERMEDIATE STRUCTURE (AS IN MULTI-STORY STAIR ENCLOSURES AND SIMILAR CONDITIONS), ATTACHMENT TO INTERMEDIATE STRUCTURE SHALL BE WITH A SLOTTED CONNECTION OR OTHER MEANS SO THAT STRUCTURAL DEFLECTION WILL NOT TRANSFER LOADS TO METAL FRAMING
- SEE FINISH SCHEDULE, INTERIOR ELEVATIONS, AND DETAILS FOR FINISHES AND SPECIAL CONDITIONS. "SM" NOTE INDICATES A CONDITION SIMILAR TO THE TYPICAL PARTITION TYPE NOTED. REFER TO INT ELEVATIONS AND DETAILS FOR MORE SPECIFIC INFO
- PARTITION SYMBOLS AT DOOR AND WINDOW OPENINGS REFER TO PARTION ABOVE/BELOW OPENINGS
- PER IBC 713.3 FIRE RESISTANT JOINT SYSTEMS SHALL BE PROVIDED IN ACCORDANCE W/ REQUIREMENTS OF EITHER ASTM E 1966 OR UL 2079
- SHAFT ENCLOSURE WALLS SHALL EXTEND FROM T.O. FLOOR/CEILING ASSEMBLY BELOW TO THE UNDERSIDE OF THE FLOOR OR ROOF SLAB OR DECK ABOVE & SHALL BE SECURELY ATTACHED THERETO, PER IBC 707.3
- ATTACH COLD-FORMED FRAMING, SUSPENDED CEILING AND EQUIPMENT, AND BRACING WITH 1/4-INCH MAXIMUM FASTENERS, SEE STRUCTURAL NOTES.

**WALL TAG KEY**



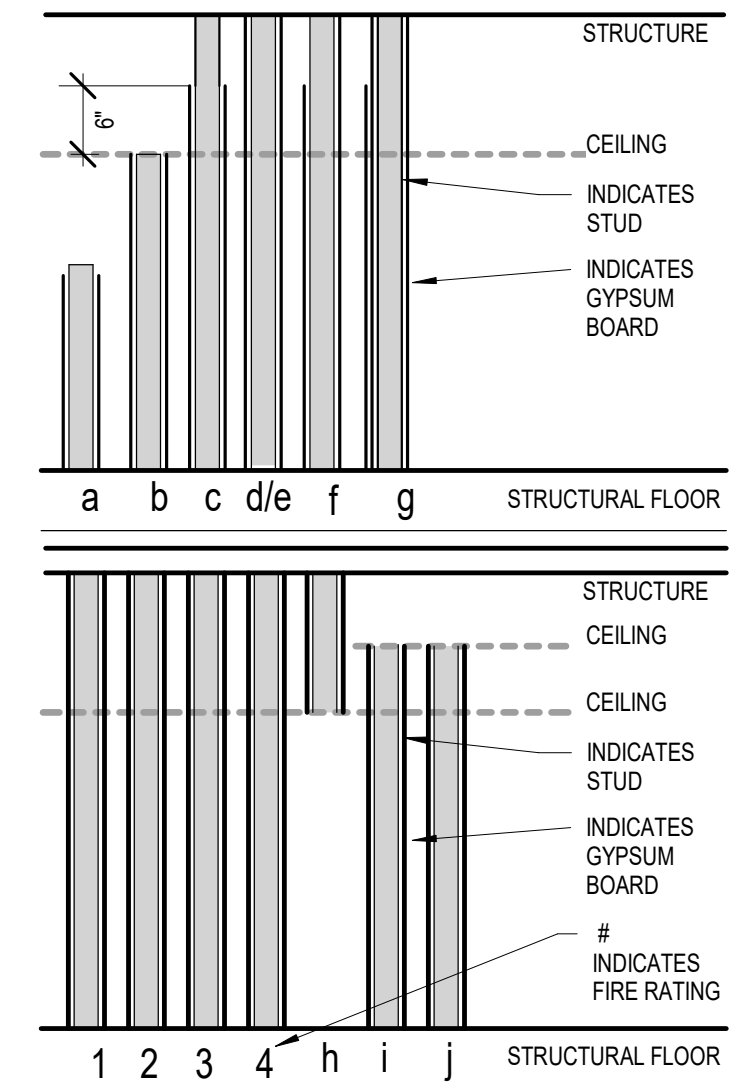
TYPICAL ACOUSTIC BATTS ARE SPECIFIED IN TYPE ASSEMBLY. OVERRIDES INDICATED IN TAGS

LOCATION OF TAG INDICATES SIDE OF WALL TO RECEIVE ADDITIONAL LAYERS OF GWB WHEN INDICATED BY THE PARTITION TYPE

**FRAMING SIZE KEY**

ID	STEEL	ID	WOOD
0	7/8" FURRING (UON)	0	FURRING
1	1 5/8"	2	2 x 2
2	2 1/2"	3	3 x 3
3	3 5/8"	4	2 x 4
4	4"	6	2 x 6
6	6"	8	2 x 8
8	8"	10	2 x 10
10	10"		
11	(2) 1 5/8"	ID	CMU/CP
22	(2) 2 1/2"	4	4"
33	(2) 3 5/8"	6	6"
44	(2) 4"	8	8"
66	(2) 6"	10	10"

**PARTITION HEIGHT/ RATING DIAGRAM**



- (1) HOUR FIRE RATED
- (2) HOUR FIRE RATED
- (3) HOUR FIRE RATED
- (4) HOUR FIRE RATED
- NON-RATED PARTIAL HT. PARTITION
- NON-RATED TO UNDERSIDE OF CEILING
- NON-RATED - EXTEND GB TO 6" ABOVE CLG. & BRACE STUDS TO STRUCTURE AS REQUIRED
- NON-RATED - EXTEND STUDS AND GB TO UNDERSIDE OF STRUCTURE ABOVE
- NON-RATED - EXTEND STUDS AND GB FROM CONC. SLAB TO UNDERSIDE OF STRUCTURE ABOVE. SEAL BOTTOM TRACK TO SLAB WITH SEALANT
- NON-RATED - EXTEND STUDS TO UNDERSIDE OF STRUCTURE ABOVE. EXTEND GB TO 6" ABOVE CLG. ON ONE SIDE AND TO STRUCTURE ON THE OTHER
- NON-RATED - EXTEND STUDS AND 1 LAYER GB EA. SIDE TO UNDERSIDE OF STRUCTURE ABOVE. EXTEND 2nd LAYER GB TO 6" ABOVE CLG.
- NON RATED PARTITION
- SMOKE PARTITION
- NON RATED - EXTEND STUDS TO UNDERSIDE OF STRUCTURE AND GWB TO ALIGN WITH UPPER CEILING



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**ASSEMBLY TYPES**

Sheet No.  
**A0.40**

Job No.  
**4859-01**



**SHEET NOTES - DOOR SCHEDULE**

- SEE SPECS FOR HARDWARE GROUPS

**SHEET NOTES - INTERIOR OPENINGS**

- OVERALL DIMENSIONS ARE TO ROUGH OPENINGS OF FRAMES, UNLESS NOTED OTHERWISE.
- INTERMEDIATE DIMENSIONS ARE TO CENTERLINE OF MULLION.
- SEE DOOR SCHEDULE FOR DOOR SIZES AND HARDWARE INFORMATION.
- REFER TO FLOOR PLANS & INTERIOR/EXTERIOR ELEVATIONS FOR FRAME TYPE LOCATIONS.
- ALL DIMENSIONS TO BE VERIFIED IN FIELD PRIOR TO FABRICATION OF FRAMES.

DOOR SCHEDULE													
Door Number	Door			Panel			Sidelite	Frame			Fire Rating	Hardware	Remarks
	Width	Height	Thickness	Type	Material	Finish		Type	Material	Finish			
100-1	6'-0"	8'-0.34"	0'-1.12"	(E)	WD-3	CLR			(E)	P-10			
102-1	2'-11"	7'-0.34"	0'-1.34"	(E)		P-10			(E)	P-10			
103-1	6'-6"	8'-0.34"	0'-1.12"	(E)	WD-3	CLR			(E)	P-10			
104-1	3'-0"	7'-0"	0'-1.34"	(E)	WD-3	CLR			(E)	P-10			
104B-1	3'-0"	7'-0"	0'-1.34"	F	WD-1	CLR		2	HM-1	P-10		01	
104C-1	3'-0"	7'-0"	0'-1.34"	V	WD-1	CLR	1'-2"	1	HM-1	P-10		04	
104D-1	3'-0"	7'-0"	0'-1.34"	F	WD-1	CLR		2	HM-1	P-10		05	
104E-1	3'-0"	7'-0"	0'-1.34"	V	WD-1	CLR		2	HM-1	P-10		04	
104E-2	3'-0"	7'-0"	0'-1.34"	V	WD-1	CLR		2	HM-1	P-10		04	
104F-1	3'-0"	7'-0"	0'-1.34"	F	WD-1	CLR		2	HM-1	P-10		05	
104G-1	3'-0"	7'-0"	0'-1.34"	V	WD-1	CLR	1'-2"	1	HM-1	P-10		02	
104H-1	3'-0"	7'-0"	0'-1.34"	(E)	WD-3	CLR			(E)	P-10			
104J-1	3'-0"	7'-0"	0'-1.34"	(E)	WD-3	CLR			(E)	P-10			
105-1	3'-0"	7'-0"	0'-1.34"	(E)	WD-3	CLR			(E)	P-10			
105-2	3'-0"	7'-0"	0'-1.34"	(E)	WD-3	CLR			(E)	P-10			
105-3	2'-11"	7'-0.34"	0'-1.34"	(E)		P-10			(E)	P-10			
106A-1	3'-0"	7'-0"	0'-1.34"	(E)	WD-3	CLR			(E)	P-10			
106A-2	2'-11"	7'-0.34"	0'-1.34"	(E)		P-10			(E)	P-10			
107-1	3'-0"	7'-0"	0'-1.34"	F	WD-1	CLR		2	HM-1	P-10		13	
108-1	3'-0"	7'-0"	0'-1.34"	F	WD-1	CLR		2	HM-1	P-10		03	
109-1	3'-0"	7'-0"	0'-1.34"	F	WD-1	CLR		2	HM-1	P-10		01	
109-2	3'-0"	7'-0"	0'-1.34"	(E)	(E)	P-10			(E)	P-10			
109A-1	3'-0"	7'-0"	0'-1.34"	(E)	WD-3	CLR			(E)	P-10			
110-1	3'-0"	7'-0"	0'-1.34"	(E)	WD-3	CLR			(E)	P-10			
110-2	3'-0"	7'-0"	0'-1.34"	(E)	WD-3	CLR			(E)	P-10			
111-1	3'-0"	7'-0"	0'-1.34"	(E)	WD-3	CLR			(E)	P-10			
112-1	3'-0"	7'-0"	0'-1.34"	(E)	WD-3	CLR			(E)	P-10			
113-1	3'-0"	7'-0"	0'-1.34"	(E)	WD-3	CLR			(E)	P-10			
115-1	3'-0"	7'-0"	0'-1.34"	(E)	WD-3	CLR			(E)	P-10			
116-1	3'-0"	7'-0"	0'-1.34"	(E)	WD-3	CLR			(E)	P-10			
117-1	3'-0"	7'-0"	0'-1.34"	F	WD-1	CLR		2	HM-1	P-10		06	

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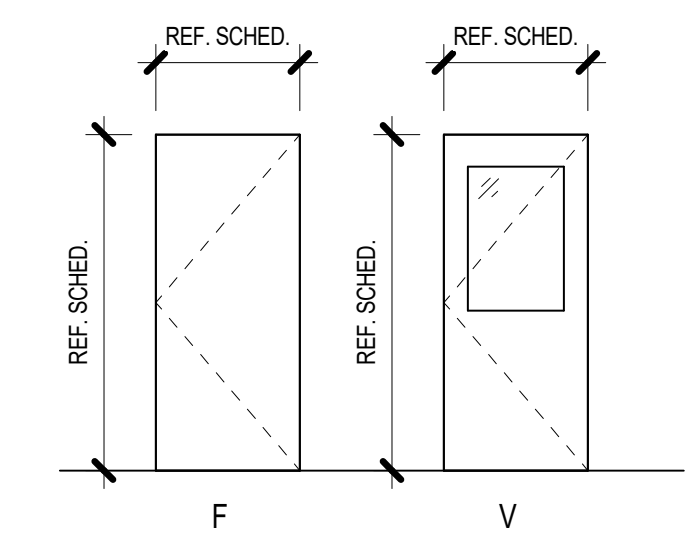


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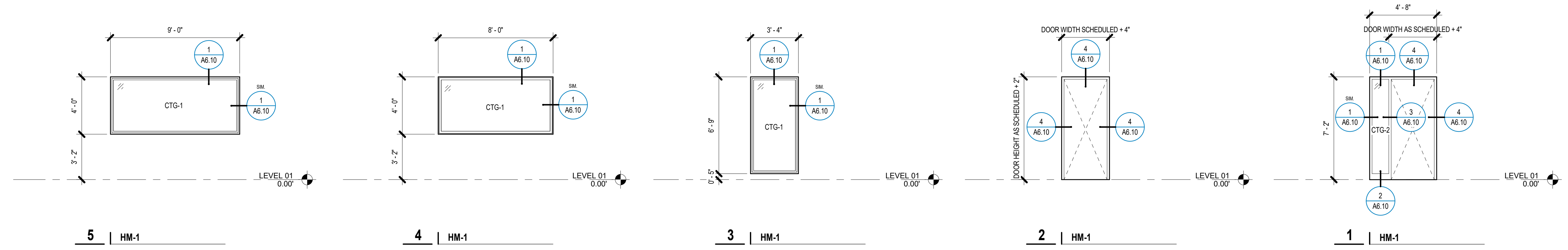
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**DOOR PANEL TYPES**



**FRAMED OPENING TYPES**

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**DOOR SCHEDULE AND DOOR TYPES**

Sheet No.:  
**A0.70**

Job No.:  
**4859-01**

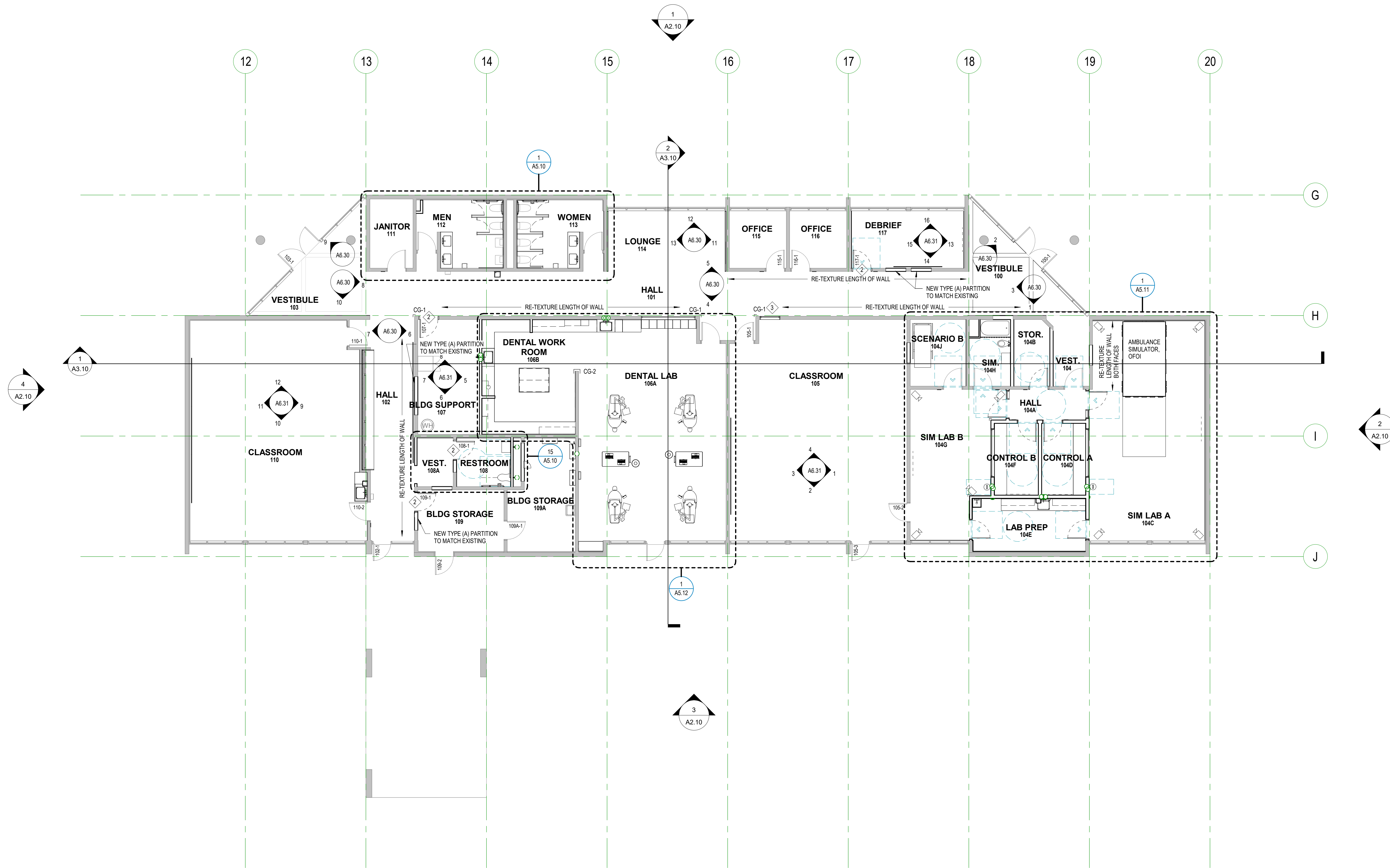


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**FLOOR PLANS SHEET NOTES**

1. REFERENCE SHEET A0.10 FOR MOUNTING HEIGHTS AND GENERAL INFORMATION
2. REFERENCE SHEET A0.50 FOR INTERIOR WALL AND CEILING ASSEMBLY TYPES
3. REFERENCE SHEET A0.70 FOR DOOR SCHEDULE AND DOOR TYPES
4. PROVIDE BLOCKING AT LOCATIONS TO RECEIVE WALL-MOUNTED CASEWORK, EQUIPMENT AND ACCESSORIES

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**1 | FLOOR PLAN**  
 A1.11 1/8" = 1'-0"

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Date: **March 3, 2023**

Sheet Title: **FLOOR PLAN**

Sheet No.: **A1.11**

Job No.: **4859-01**

**FLOOR TYPE KEY**

MATERIAL	TYPE	NAME
	(E) CONC	CONCRETE*
	CPT-1	CARPET TILE
	CPT-2	CARPET TILE
	PT-1	PORCELAIN TILE
	RF-1	RESILIENT FLOORING

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**FINISH PLANS SHEET NOTES**

- REFER TO 01 60 10 FOR FINISH AND MATERIAL LEGEND
- REFER TO A6.00 FOR SPECIFICATION KEYNOTE ABBREVIATIONS
- REFER TO A6.20 FOR ROOM FINISH SCHEDULE
- ALL DIMENSIONS TO FACE OF FINISH, U.N.O.
- MATERIAL TRANSITIONS OCCURE BENEATH DOOR LEAF WHEN CLOSED, U.N.O.
- START FLOORING MATERIALS WITH PATTERN, GRID OR REPEAT IN CENTER OF ROOM, U.N.O.
- FLOOR FINISHES CONTINUE INTO TOE KICK AND KNEE SPACES AND UNDER CABINETS AS NOTED.
- ALL ACCESS ELECTRICAL PANELS TO BE PAINTED (WITH APPROPRIATE PAINT PRODUCT) TO MATCH THE WALL OR CEILING IT IS MOUNTED ON. SEE INTERIOR ELEVATIONS FOR FURTHER INFORMATION AND DETAILS.
- SEE INTERIOR ELEVATIONS FOR FURTHER INFORMATION AND DETAILS.

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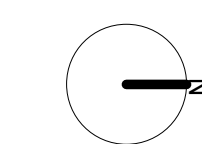
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**1 FINISH PLAN**  
 A1.31 1/8" = 1'-0"



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Sheet No. **A1.31**  
 Job No. **4859-01**

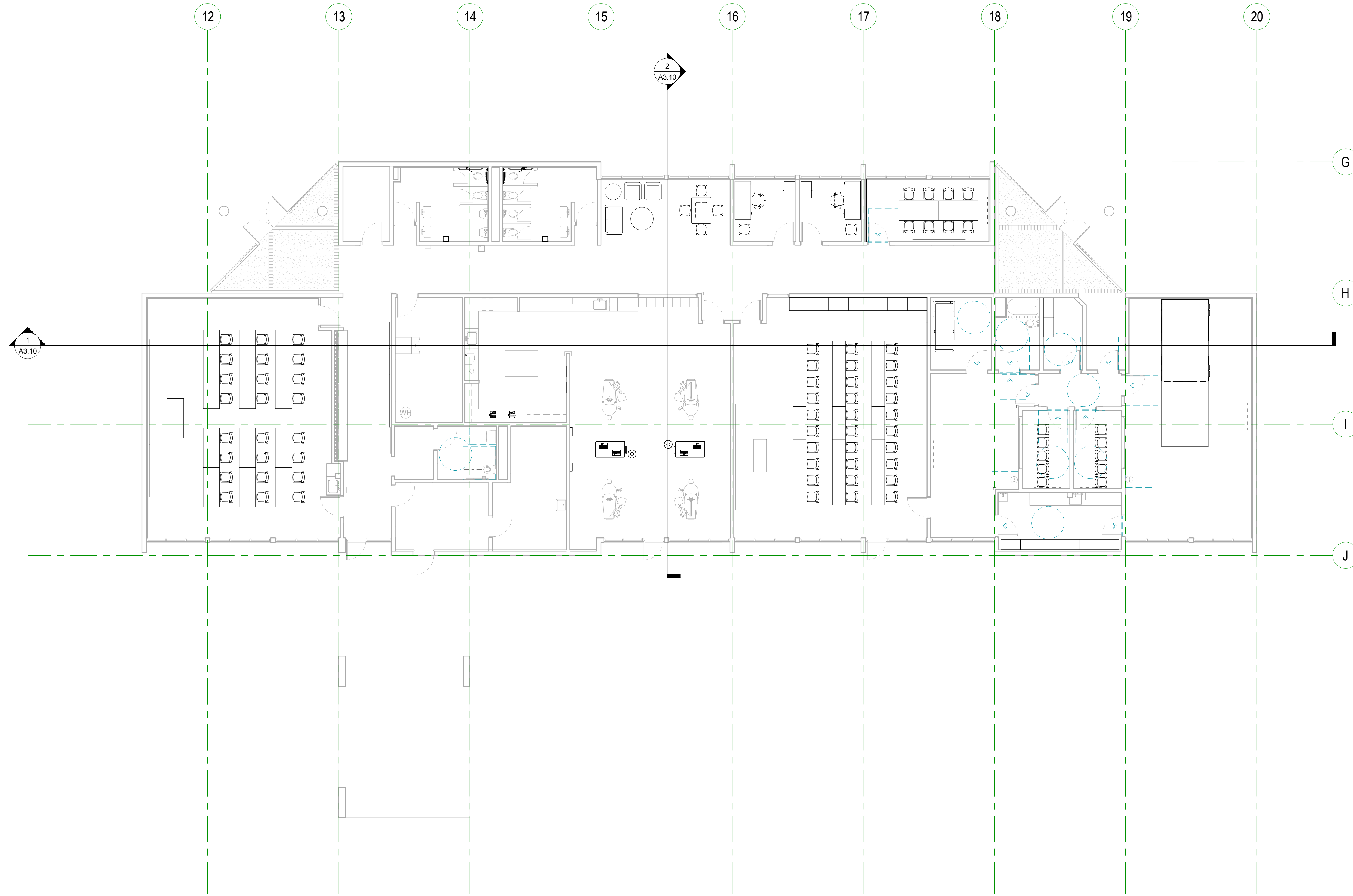


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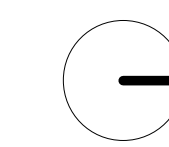


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**1 | FURNITURE PLAN**  
A1.41 1/8" = 1'-0" FOR REFERENCE ONLY



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Date: **March 3, 2023**

Sheet Title:  
**FURNITURE PLAN - FOR REFERENCE ONLY**

Sheet No.:  
**A1.41**

Job No.:  
**4859-01**

plotted: 3/8/2023 5:08:33 PM  
 sheet size: 37" x 42"

**CEILING PLAN SHEET NOTES**

1. REFERENCE ELECTRICAL LIGHTING FOR LIGHTING BASIS OF DESIGN
2. REFERENCE SHEET A0.50 FOR CEILING ASSEMBLY INFORMATION
3. ALL HVAC DIFFUSERS, SPRINKLER HEADS AND CEILING MOUNTED EQUIPMENT TO BE COORDINATED WITH ARCHITECTURAL CEILING PLANS IN CONJUNCTION WITH RESPECTIVE DISCIPLINES
4. CENTER CEILING TILE IN ROOM AND LIGHT FIXTURES IN TILES
5. CENTER ALL SPEAKERS AND INTERCOM DEVICES IN CEILING TILE. REFERENCE TECH SHEETS.



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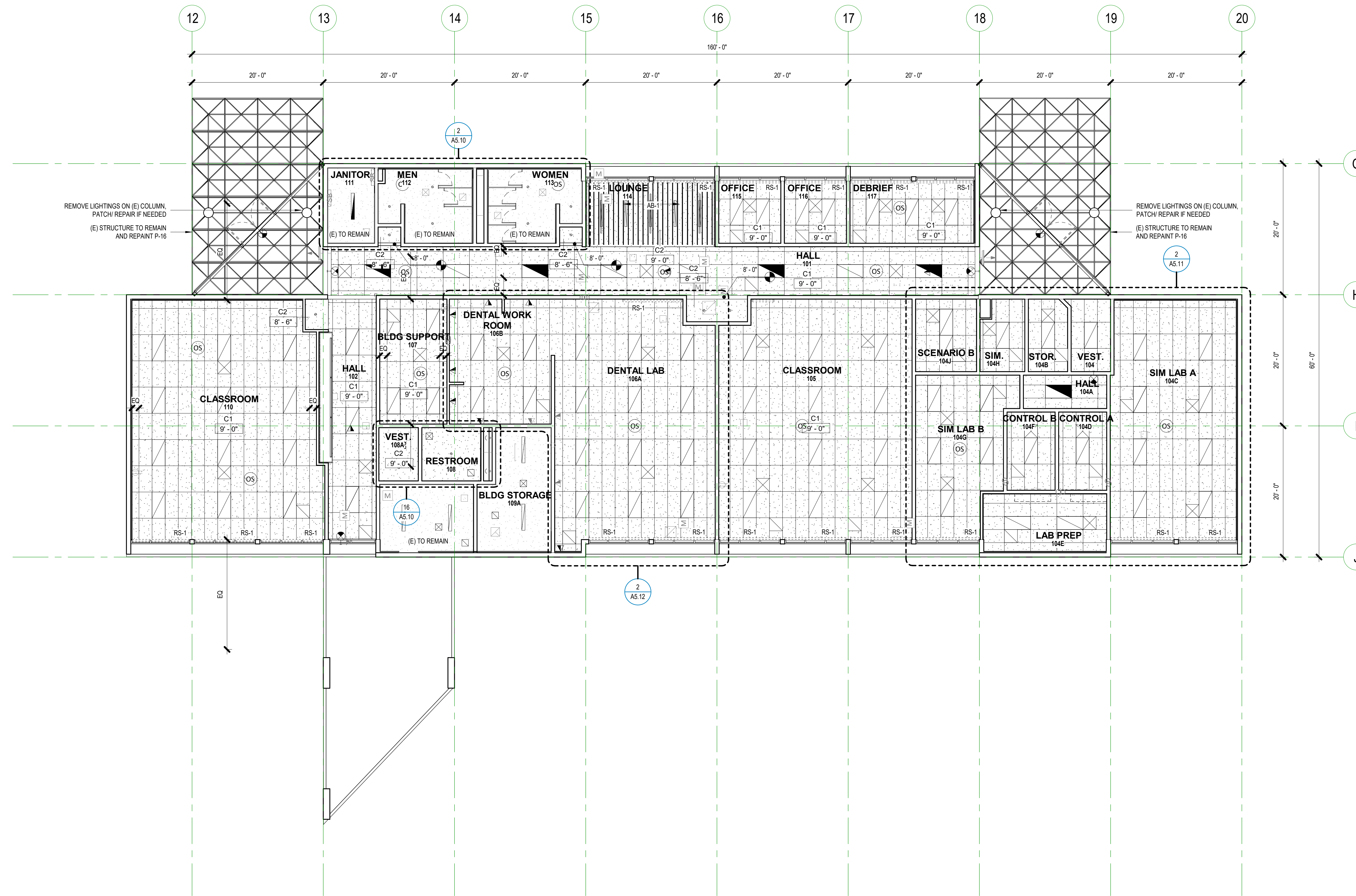


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**1 REFLECTED CEILING PLAN**  
 A1.71 1/8" = 1'-0"

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**REFLECTED CEILING PLAN**

Sheet No.  
**A1.71**

Job No.  
**4859-01**

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**EXTERIOR ELEVATIONS SHEET NOTES**

1. NO EXTERIOR SCOPE
2. REFER TO REFLECTED CEILING PLAN FOR NEW WINDOW COVERINGS



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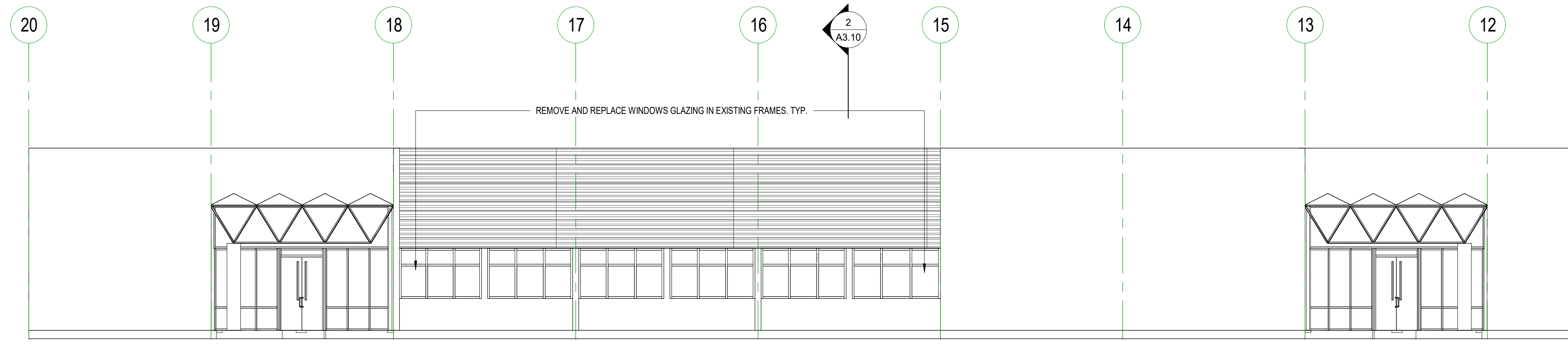


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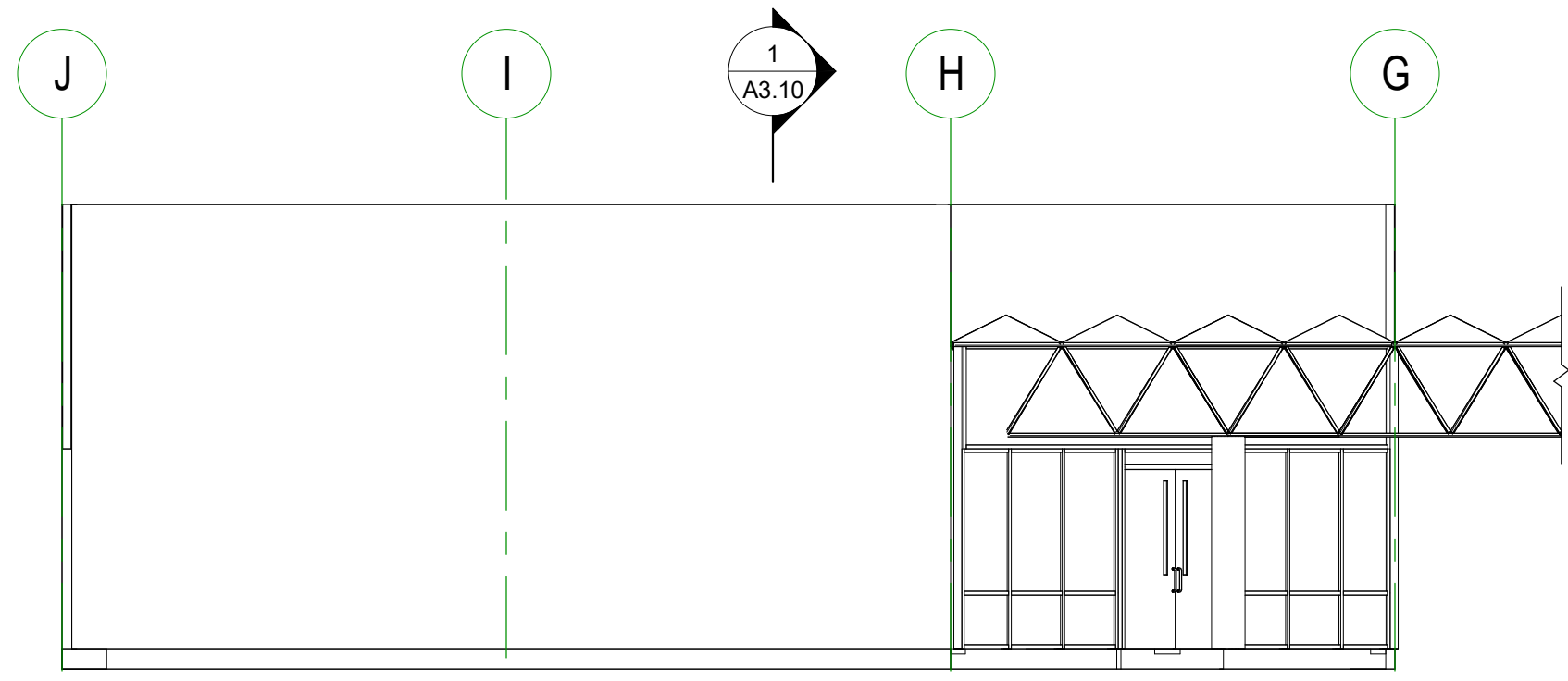
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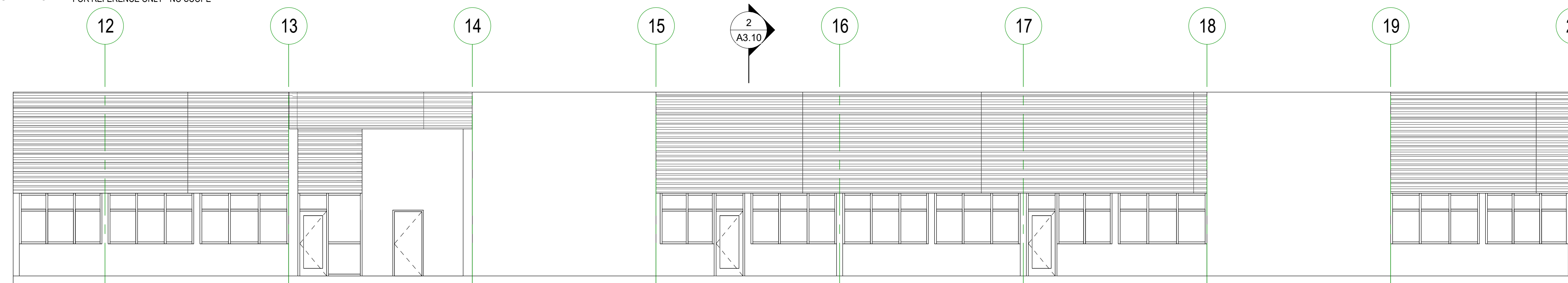
Key Plan



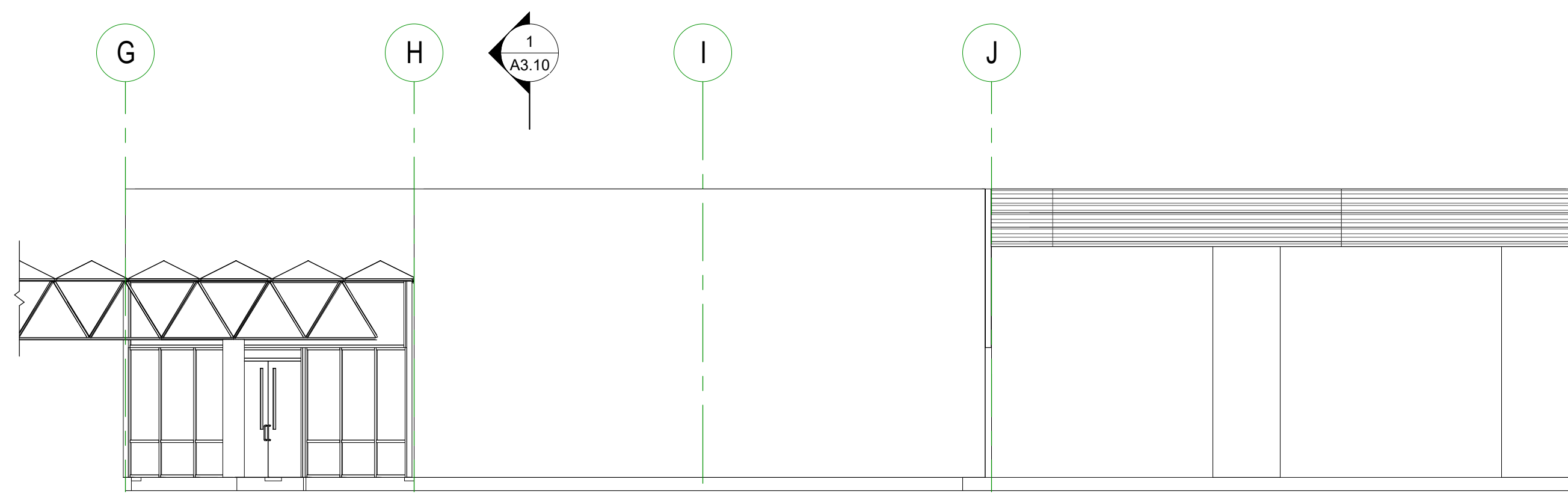
**1 | NORTH**  
A2.10 1/8" = 1'-0"



**2 | EAST**  
A2.10 1/8" = 1'-0" FOR REFERENCE ONLY - NO SCOPE



**3 | SOUTH**  
A2.10 1/8" = 1'-0" FOR REFERENCE ONLY - NO SCOPE



**4 | WEST**  
A2.10 1/8" = 1'-0" FOR REFERENCE ONLY - NO SCOPE

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Revisions to Sheet

No.	Revision	Date

Status: **Permit and Bid Documents**

Date: **March 3, 2023**

Sheet Title:  
**EXTERIOR ELEVATIONS**

Sheet No.:  
**A2.10**

Job No.:  
**4859-01**



**5** | INTERIOR VIEW - DENTAL WORK ROOM  
A2.50 NOT TO SCALE



**1** | INTERIOR VIEW - LOUNGE  
A2.50 NOT TO SCALE



**6** | INTERIOR VIEW - SIM LAB A  
A2.50 NOT TO SCALE



**2** | INTERIOR VIEW - HALL BENCH  
A2.50 NOT TO SCALE



**3** | INTERIOR VIEW - CLASSROOM  
A2.50 NOT TO SCALE

No.	Revision	Date

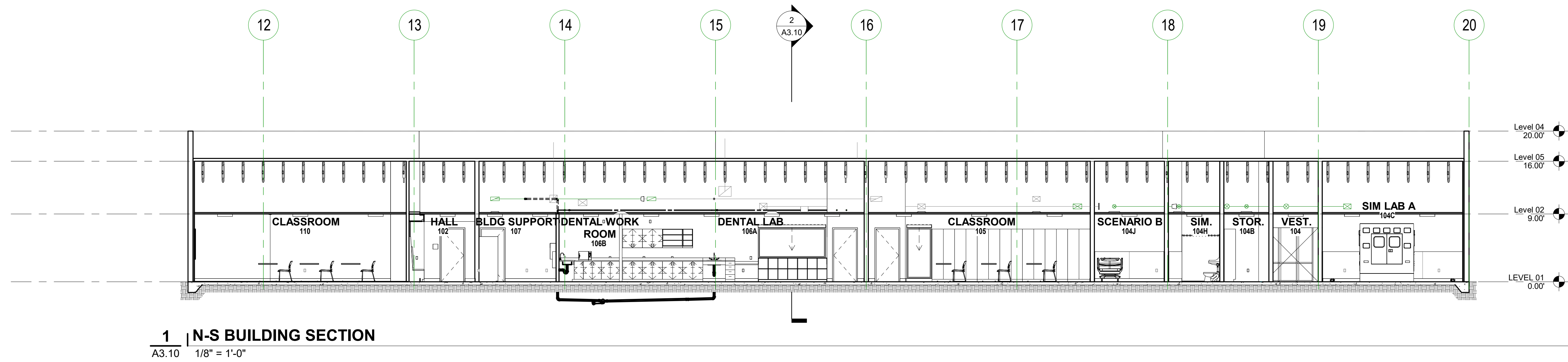


Project Owner:  
**SWOCC**

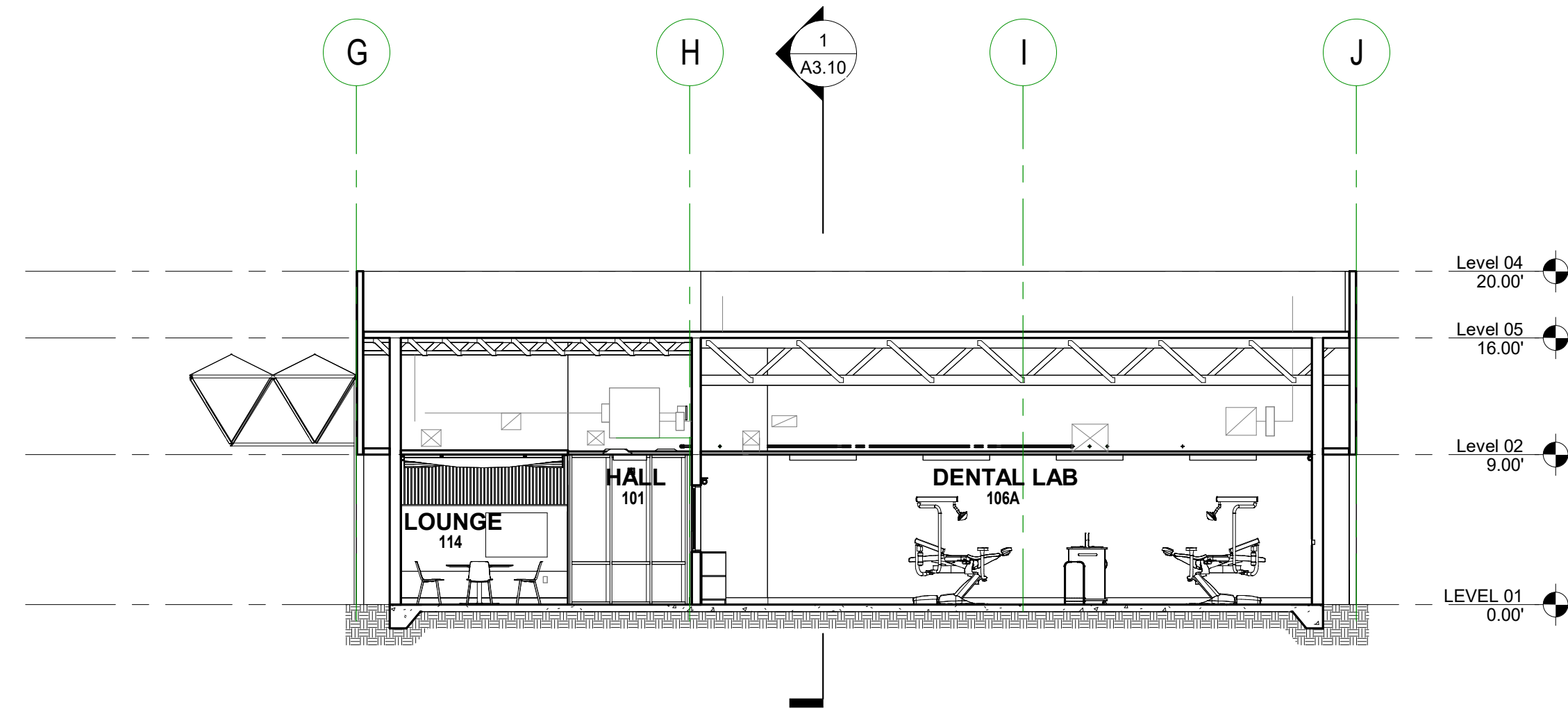
Project Name:  
**Summer Hall**

Project Address:  
**1888 Newmark Avenue,  
 Coos Bay, OR 97420**

Key Plan



**1 | N-S BUILDING SECTION**  
 A3.10 1/8" = 1'-0"



**2 | E-W BUILDING SECTION**  
 A3.10 1/8" = 1'-0"

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Revisions to Sheet

No.	Revision	Date

Status: **Permit and Bid Documents**

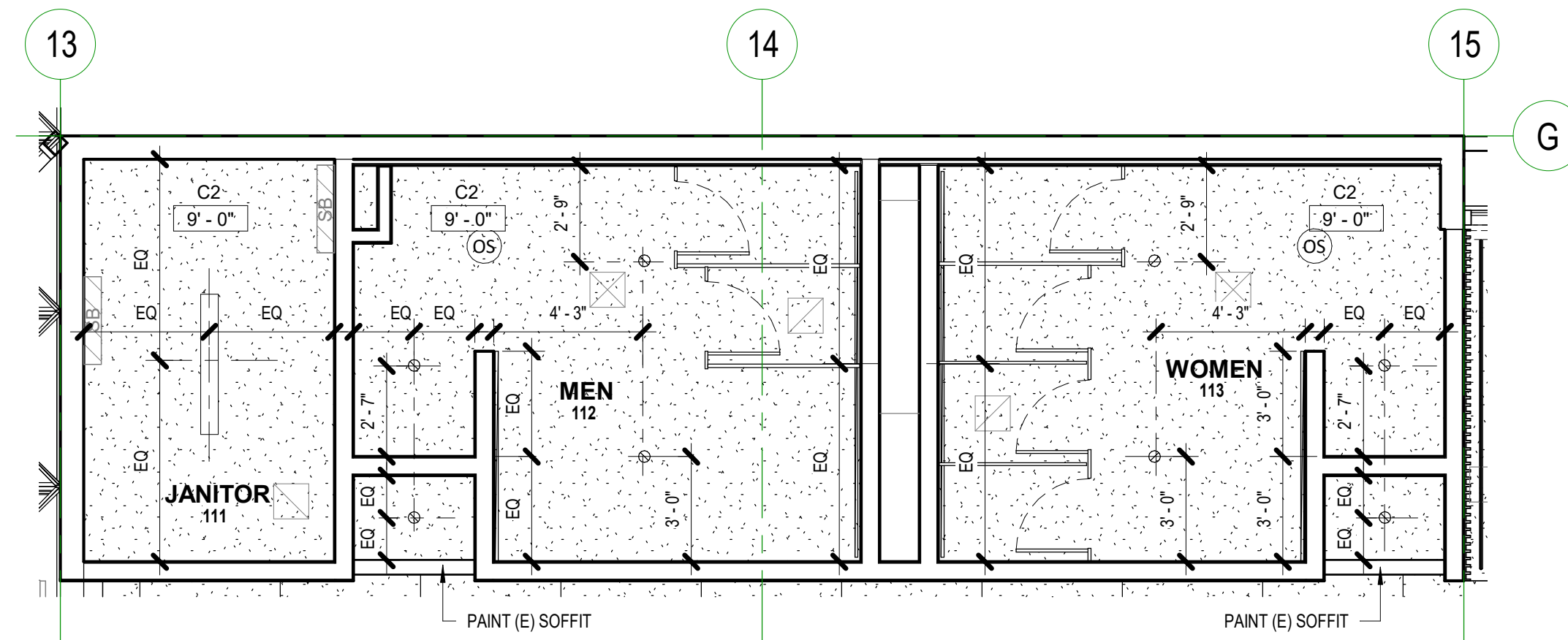
Date: **March 3, 2023**

Sheet Title:  
**BUILDING SECTIONS**

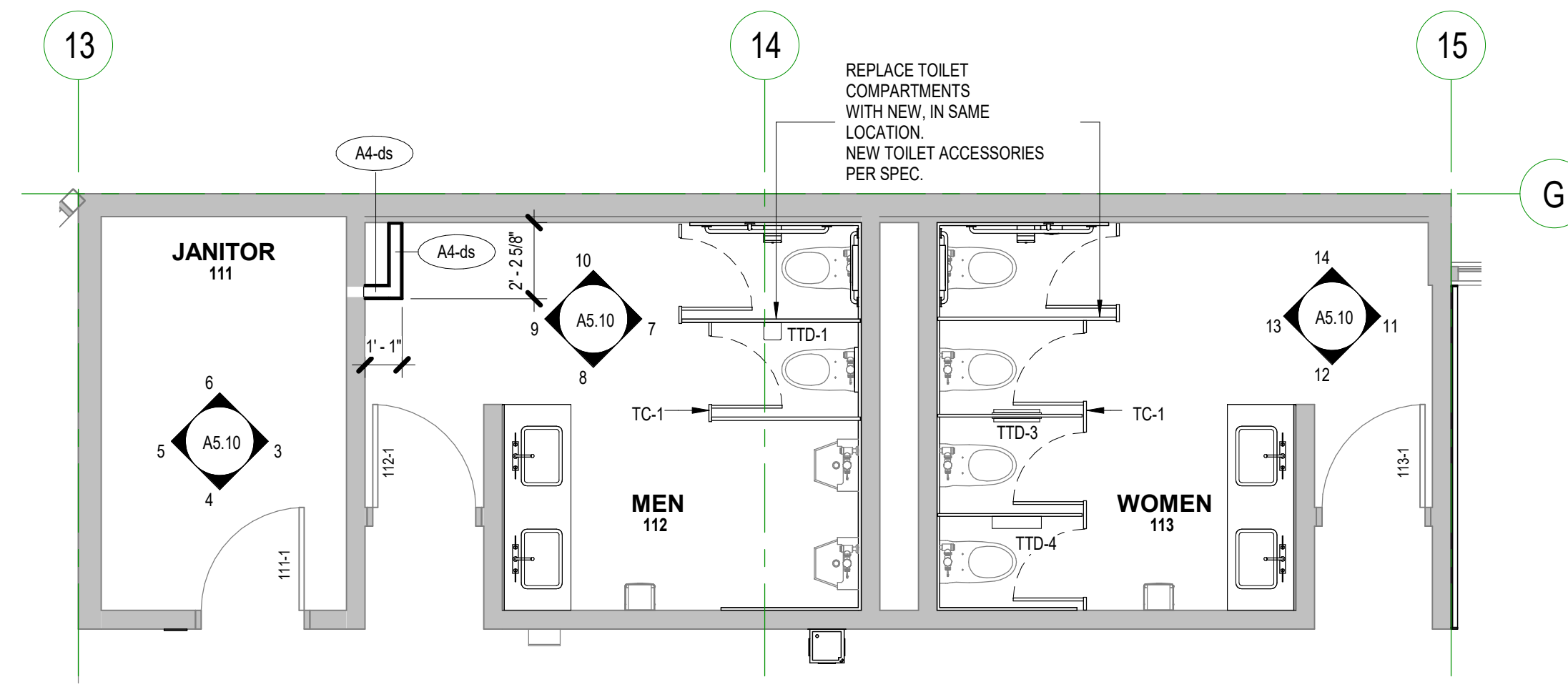
Sheet No.  
**A3.10**

Job No.  
**4859-01**





**2 | ENLARGED RCP - RESTROOMS, JANITOR**  
A5.10 1/4" = 1'-0"



**1 | ENLARGED PLAN - RESTROOMS, JANITOR**  
A5.10 1/4" = 1'-0"

**FLOOR PLANS SHEET NOTES**

1. REFERENCE SHEET A0.10 FOR MOUNTING HEIGHTS AND GENERAL INFORMATION
2. REFERENCE SHEET A0.50 FOR INTERIOR WALL AND CEILING ASSEMBLY TYPES.
3. REFERENCE SHEET A0.70 FOR DORO SCHEDULE AND DOOR TYPES.
4. PROVIDE BLOCKING AT LOCATIONS TO RECEIVE WALL-MOUNTED CASEWORK, EQUIPMENT AND ACCESSORIES

**CEILING PLAN SHEET NOTES**

1. REFERENCE ELECTRICAL/LIGHTING FOR LIGHTING BASIS OF DESIGN
2. REFERENCE SHEET A0.50 FOR CEILING ASSEMBLY INFORMATION
3. ALL HVAC DIFFUSERS, SPRINKLER HEADS AND CEILING MOUNTED EQUIPMENT TO BE COORDINATED WITH ARCHITECTURAL CEILING PLANS IN CONJUNCTION WITH RESPECTIVE DISCIPLINES
4. CENTER CEILING TILE IN ROOM AND LIGHT FIXTURES IN TILES
5. CENTER ALL SPEAKERS AND INTERCOM DEVICES IN CEILING TILE. REFERENCE TECH SHEETS.

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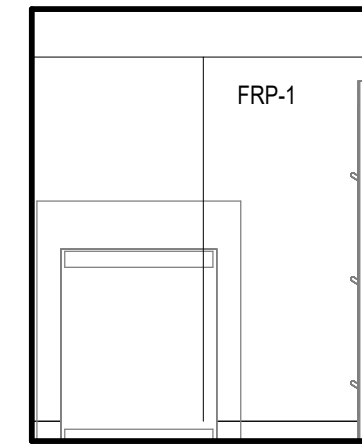
Project Name:  
**Summer Hall**

Project Address:  
**1888 Newmark Avenue,  
Coos Bay, OR 97420**

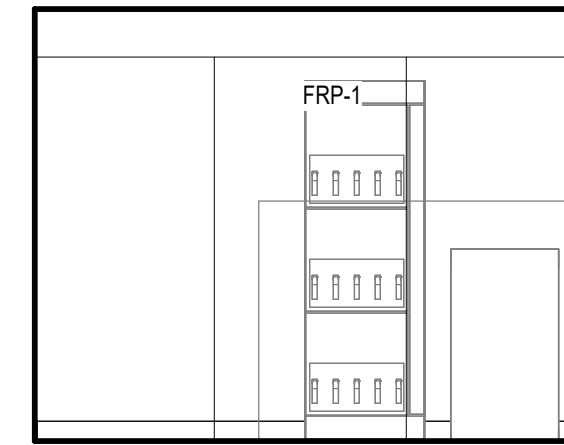
Key Plan

**INTERIOR ELEVATIONS SHEET NOTES**

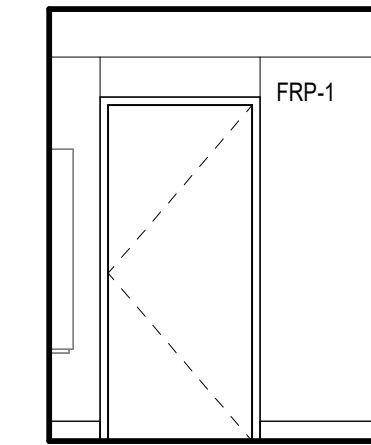
1. REFERENCE A0.00 FOR MATERIAL KEY
2. REFERENCE A0.20 FOR ROOM FINISH SCHEDULE
3. REFERENCE A0.01 FOR INTERIOR FRAME TYPES
4. CASEWORK FINISH SCHEDULED IN ROOM FINISH SCHEDULE.
5. REFERENCE REFLECTED CEILING PLAN FOR WINDOW COVERINGS.
6. REFER TO A0.10 FOR TYPICAL MOUNTING HEIGHT REQUIREMENTS



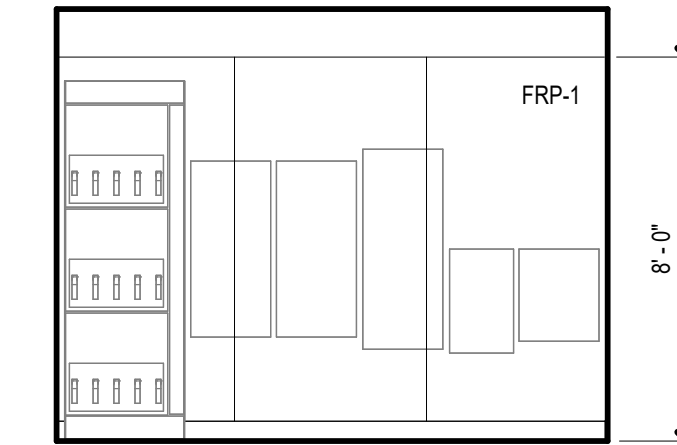
**6 | 111 - JANITOR - WEST**  
A5.10 1/4" = 1'-0"



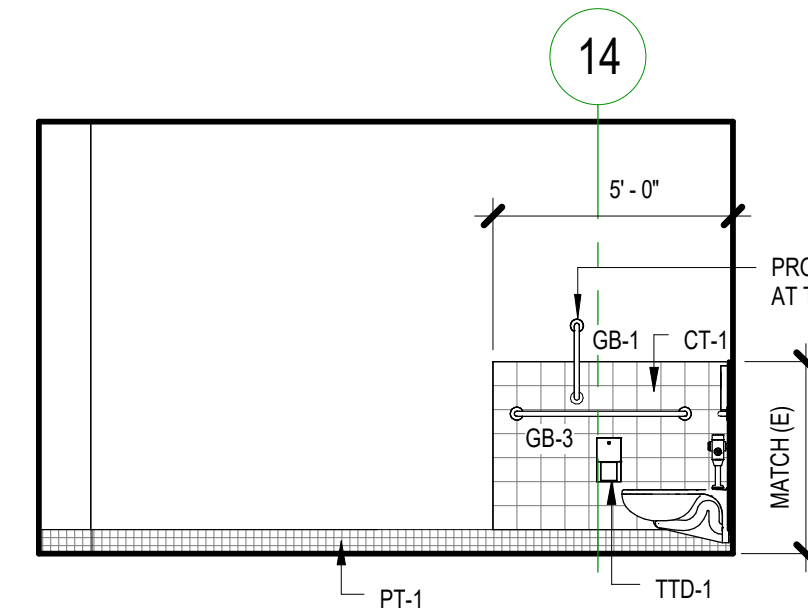
**5 | 111 - JANITOR - SOUTH**  
A5.10 1/4" = 1'-0"



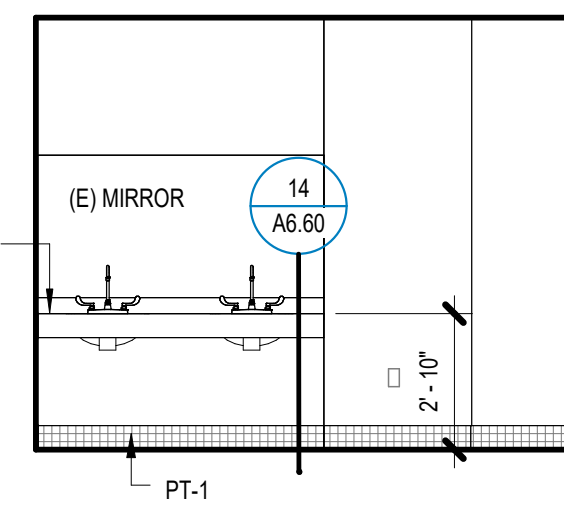
**4 | 111 - JANITOR - EAST**  
A5.10 1/4" = 1'-0"



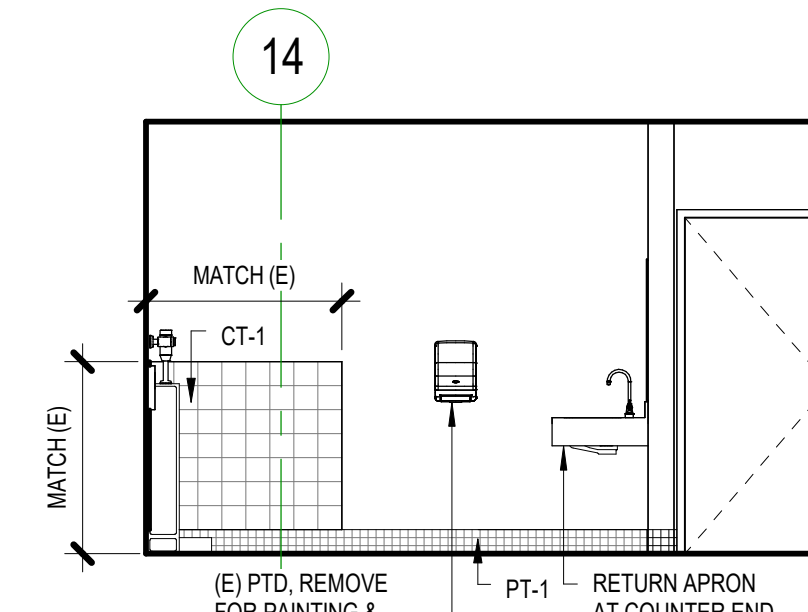
**3 | 111 - JANITOR - NORTH**  
A5.10 1/4" = 1'-0"



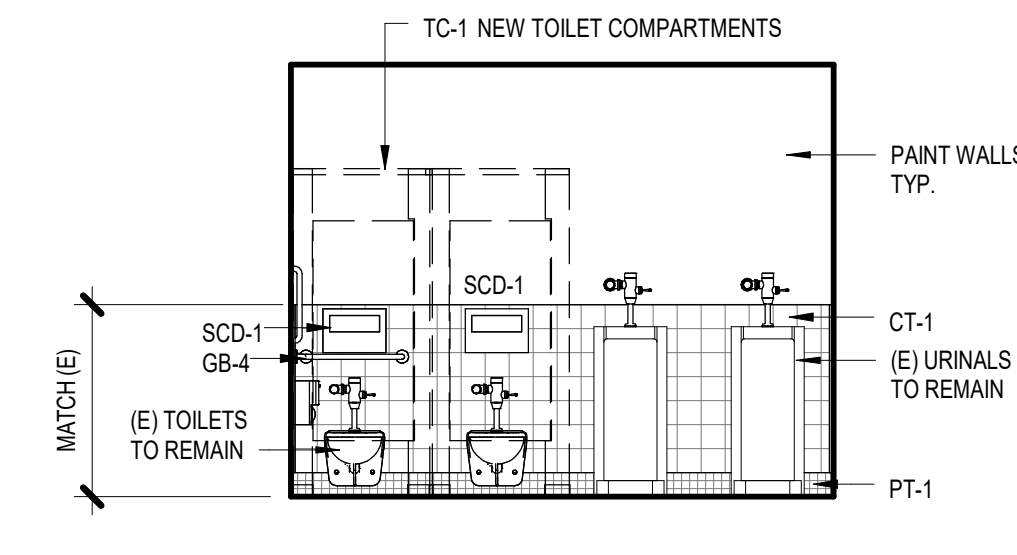
**10 | 112 - MEN - WEST**  
A5.10 1/4" = 1'-0"



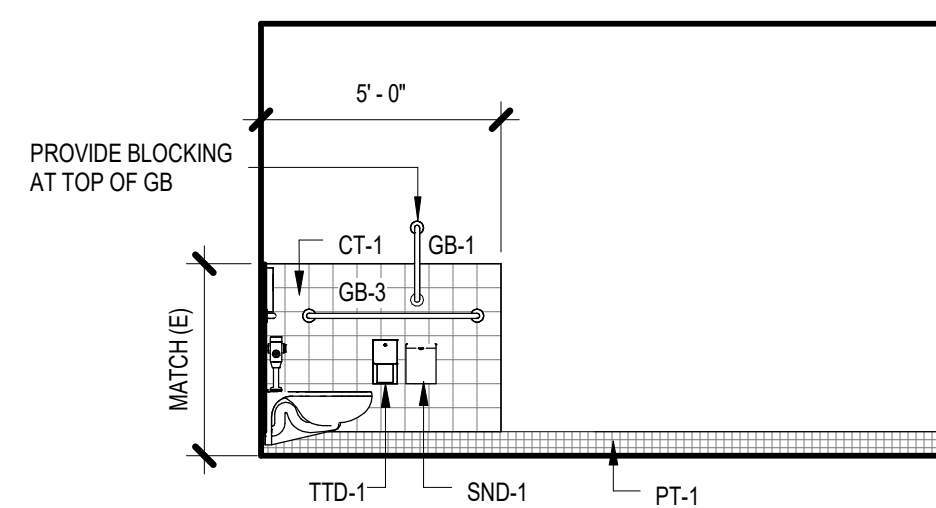
**9 | 112 - MEN - SOUTH**  
A5.10 1/4" = 1'-0"



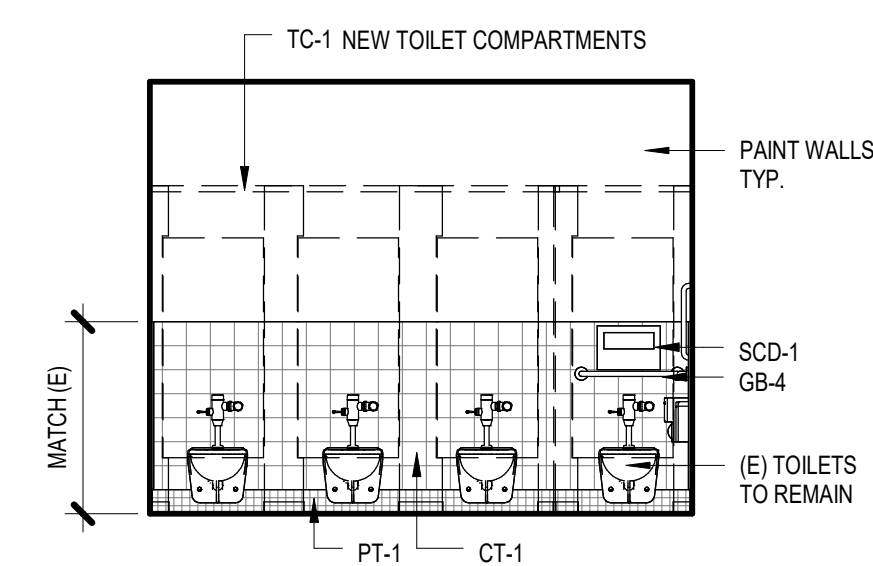
**8 | 112 - MEN - EAST**  
A5.10 1/4" = 1'-0"



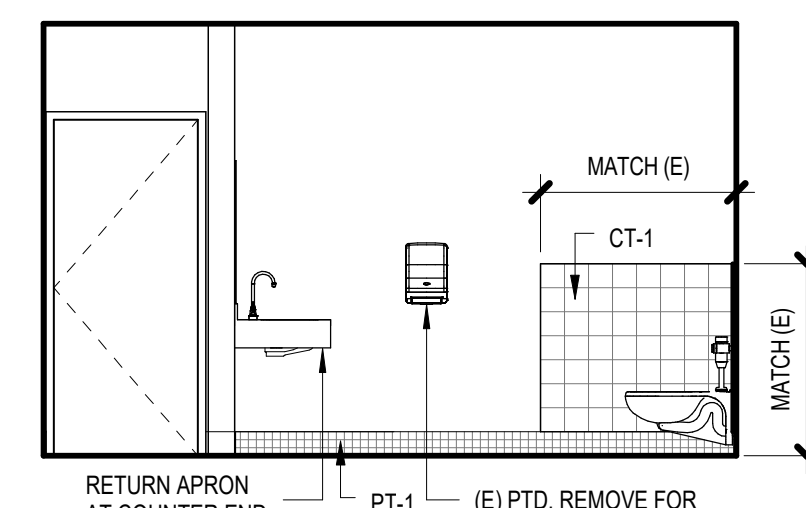
**7 | 112 - MEN - NORTH**  
A5.10 1/4" = 1'-0"



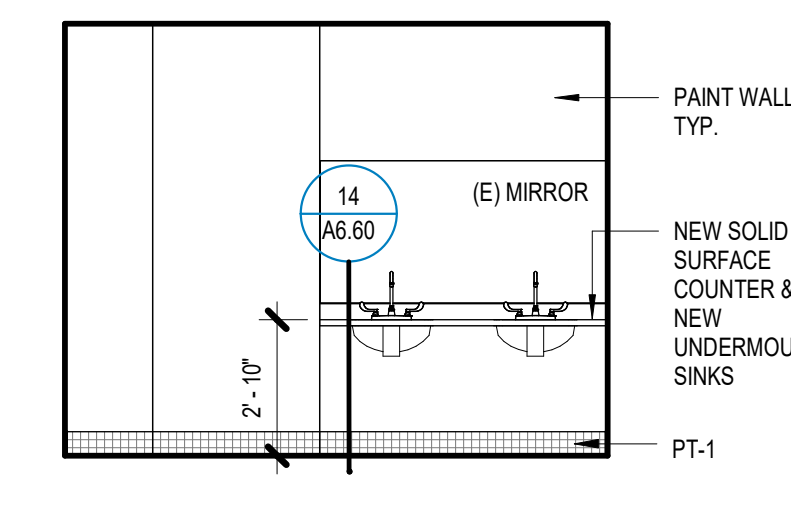
**14 | 113 - WOMEN - WEST**  
A5.10 1/4" = 1'-0"



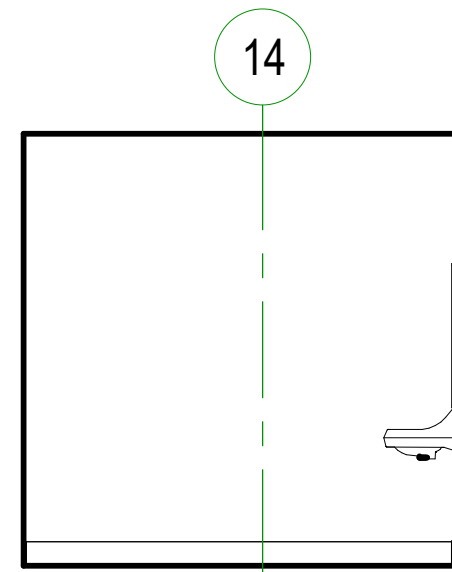
**13 | 113 - WOMEN - SOUTH**  
A5.10 1/4" = 1'-0"



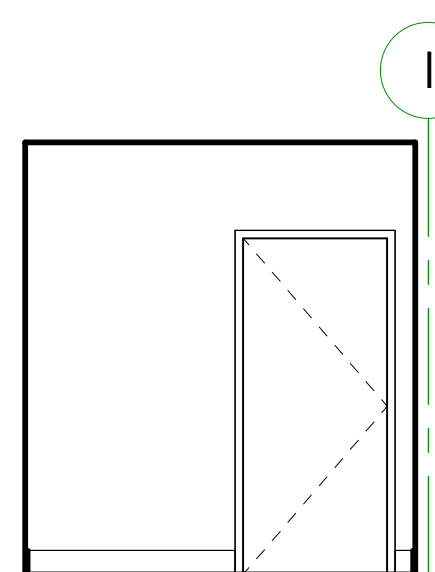
**12 | 113 - WOMEN - EAST**  
A5.10 1/4" = 1'-0"



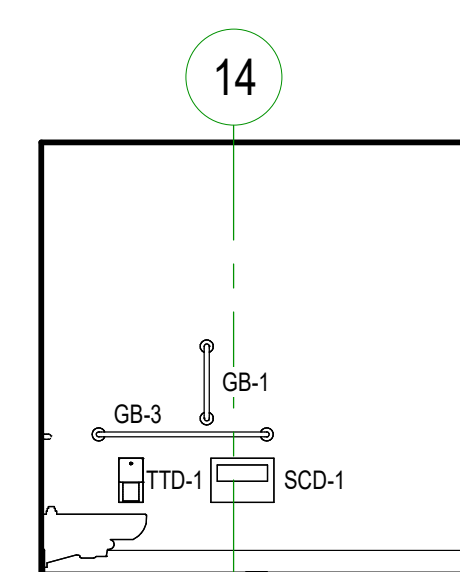
**11 | 113 - WOMEN - NORTH**  
A5.10 1/4" = 1'-0"



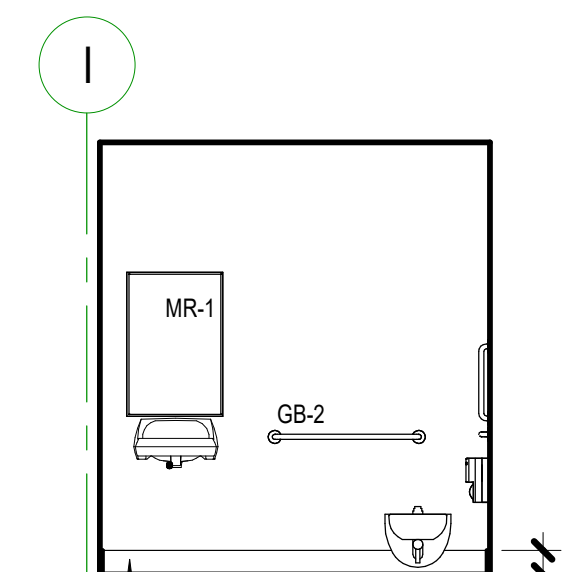
**20 | 108 - RESTROOM - WEST**  
A5.10 1/4" = 1'-0"



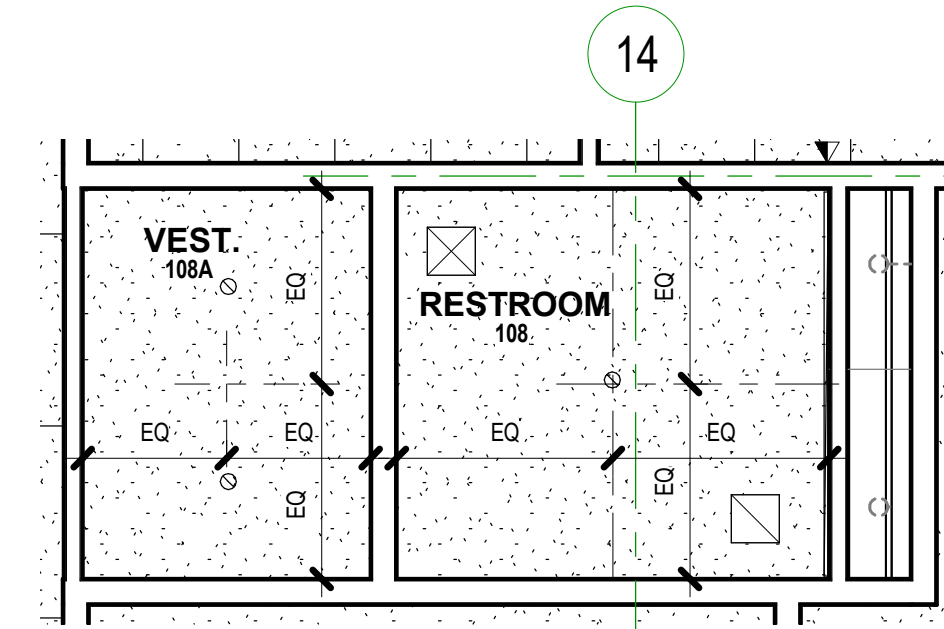
**19 | 108 - RESTROOM - SOUTH**  
A5.10 1/4" = 1'-0"



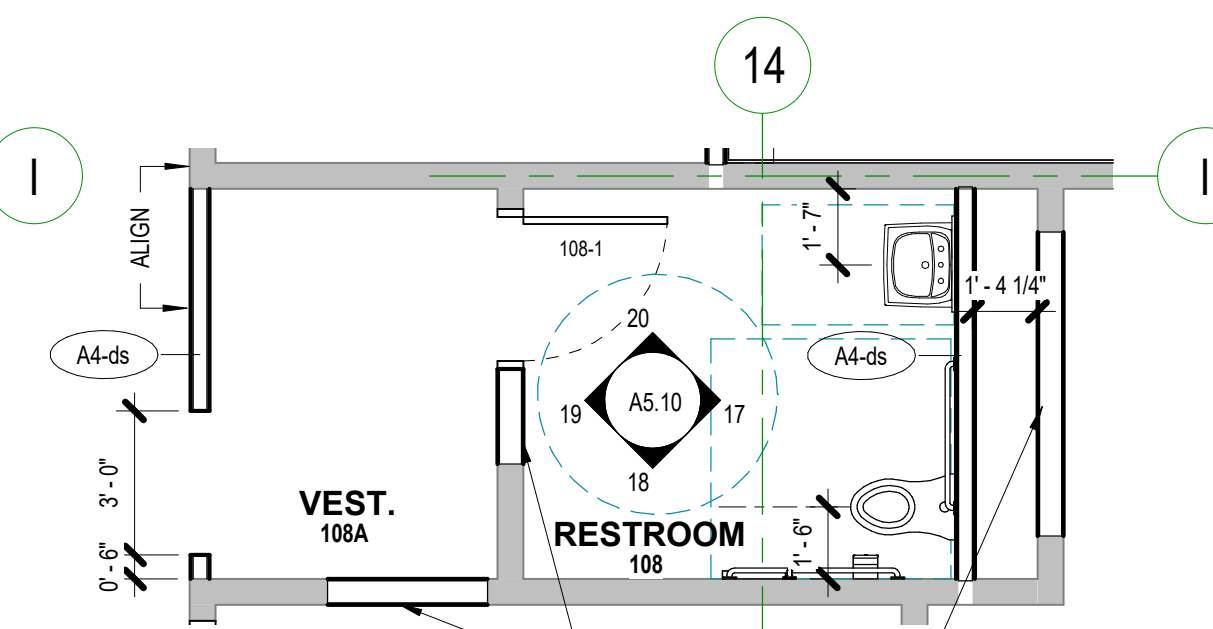
**18 | 108 - RESTROOM - EAST**  
A5.10 1/4" = 1'-0"



**17 | 108 - RESTROOM - NORTH**  
A5.10 1/4" = 1'-0"



**16 | ENLARGED RCP - RESTROOM**  
A5.10 1/4" = 1'-0"



**15 | ENLARGED PLAN - RESTROOM**  
A5.10 1/4" = 1'-0"

Issued: 2/21

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Revisions to Sheet  
No. Revision Date

Status: **Permit and Bid Documents**

Date: **March 3, 2023**

Sheet Title:  
**ENLARGED DRAWINGS**

Sheet No.

**A5.10**

Job No.

**4859-01**

**FLOOR PLANS SHEET NOTES**

1. REFERENCE SHEET A0.10 FOR MOUNTING HEIGHTS AND GENERAL INFORMATION
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3. REFERENCE A6.01 FOR INTERIOR FRAME TYPES
4. CASEWORK FINISH SCHEDULE IN ROOM FINISH SCHEDULE
5. REFERENCE REFLECTED CEILING PLAN FOR WINDOW COVERINGS
6. REFER TO A0.10 FOR TYPICAL MOUNTING HEIGHT REQUIREMENTS

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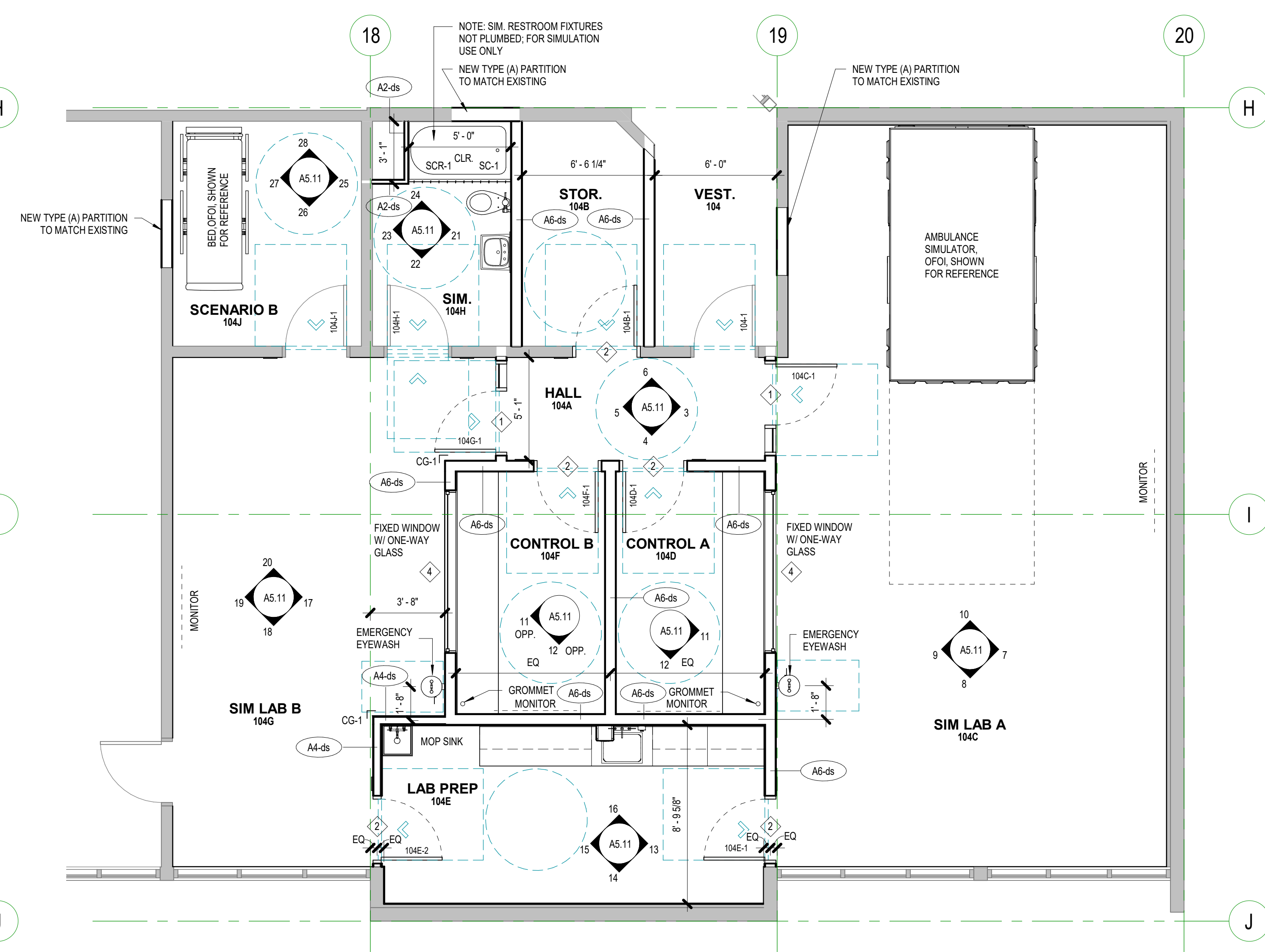
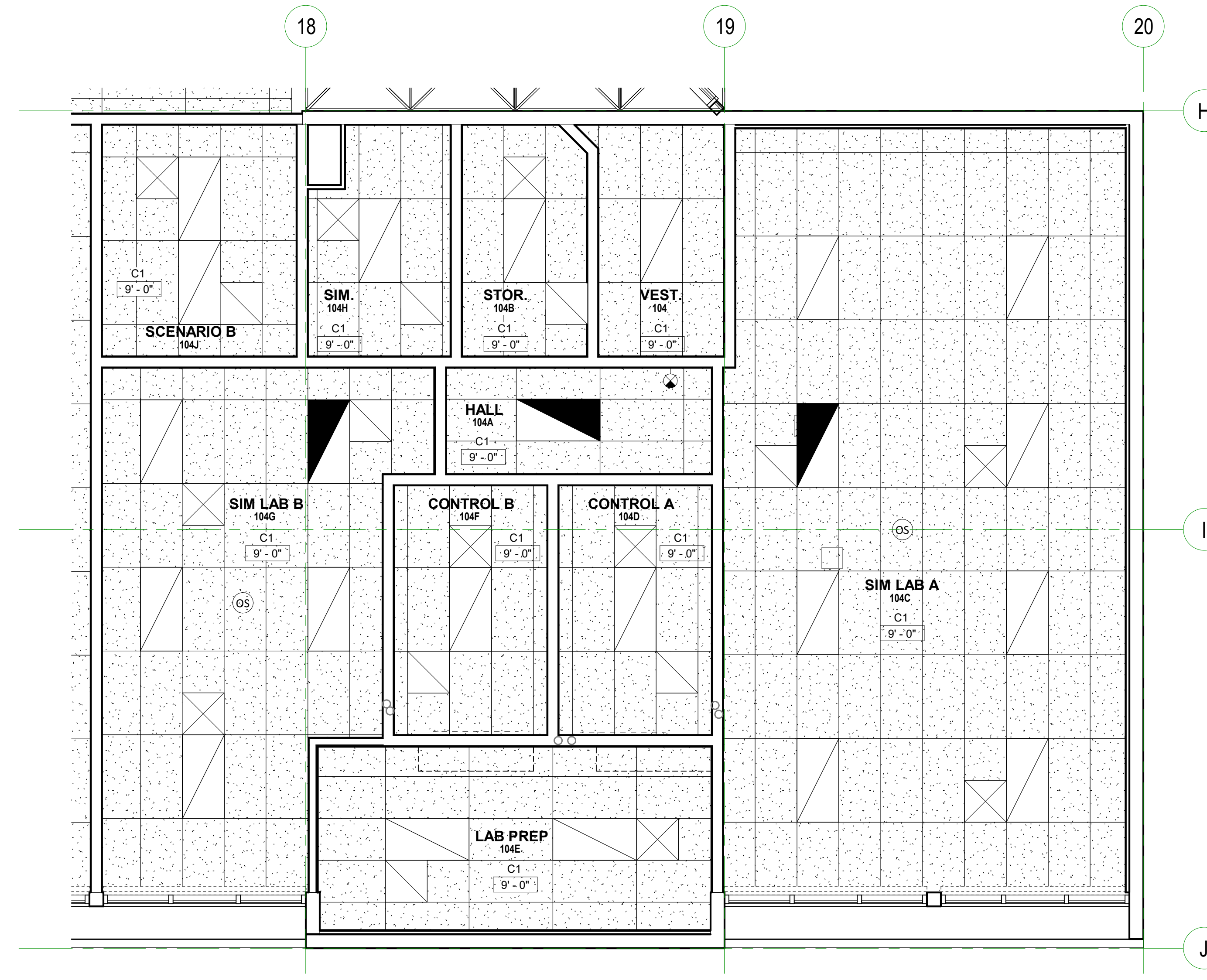
Project Owner:  
**SWOCC**

Project Name:  
**Summer Hall**

Project Address:  
**1888 Newmark Avenue,  
Coos Bay, OR 97420**

Key Plan

plotted: 3/8/2023 5:06:56 PM  
sheet size: 30" x 42"

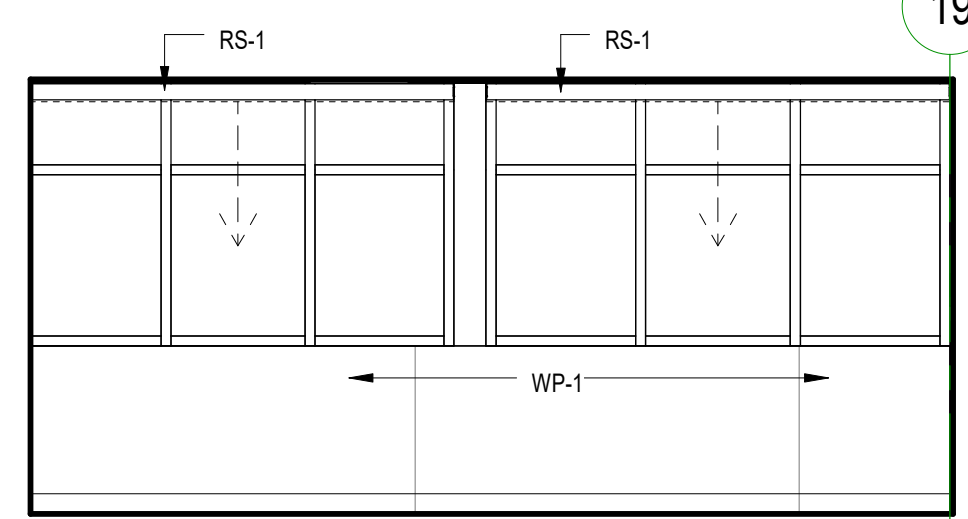


**2 | ENLARGED RCP - PARAMEDICINE SUITE**

A5.11 1/4" = 1'-0"

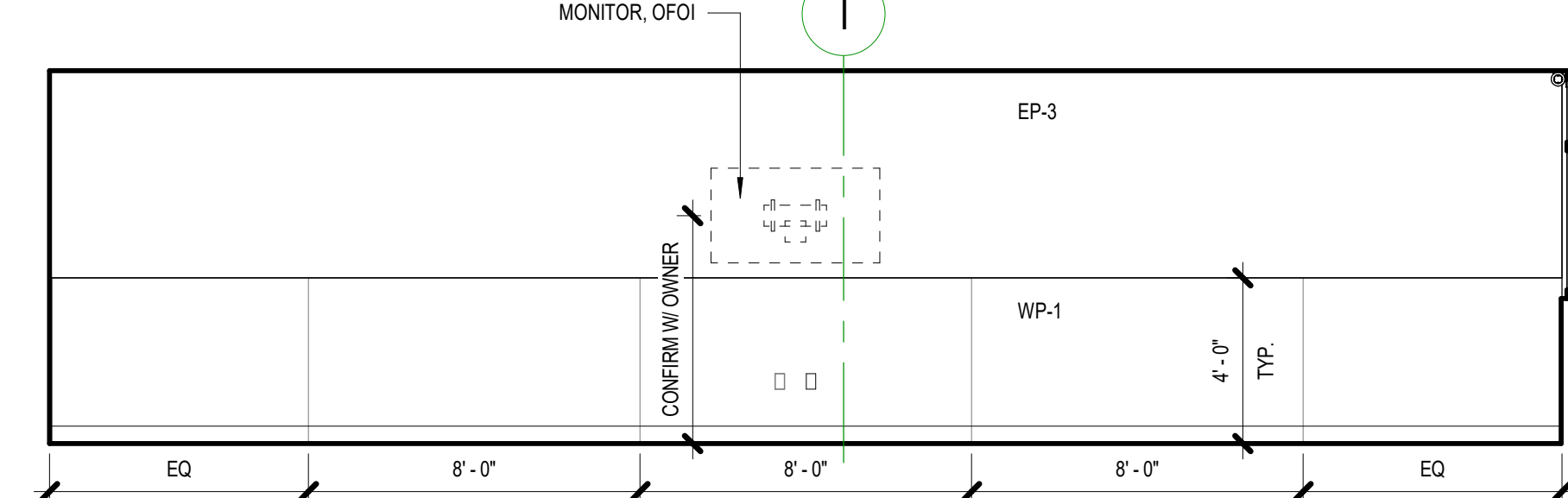
**1 | ENLARGED PLAN - PARAMEDICINE SUITE**

A5.11 1/4" = 1'-0"



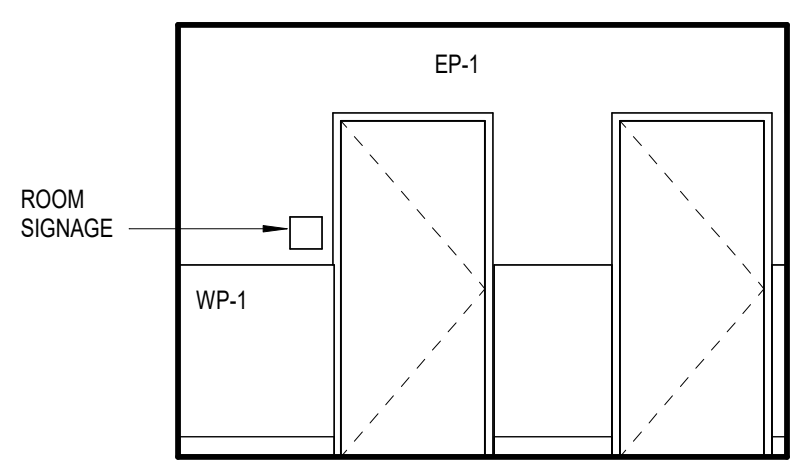
**8 | 104C - SIM. LAB A - EAST**

A5.11 1/4" = 1'-0"



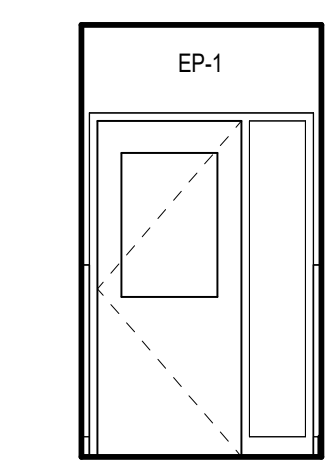
**7 | 104C - SIM. LAB A - NORTH**

A5.11 1/4" = 1'-0"



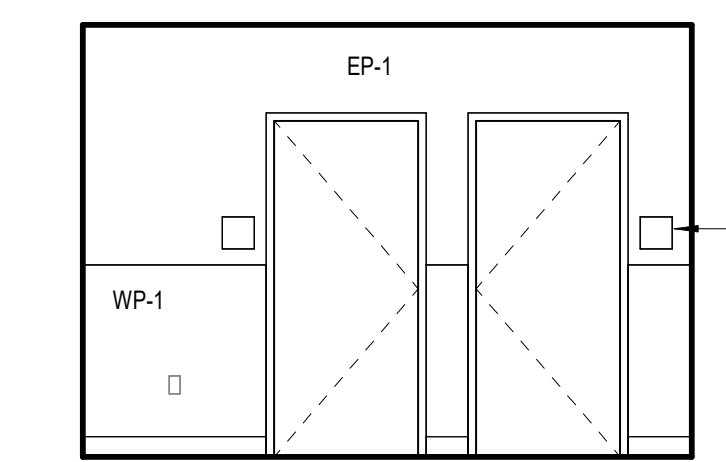
**6 | 104A - HALL - WEST**

A5.11 1/4" = 1'-0"



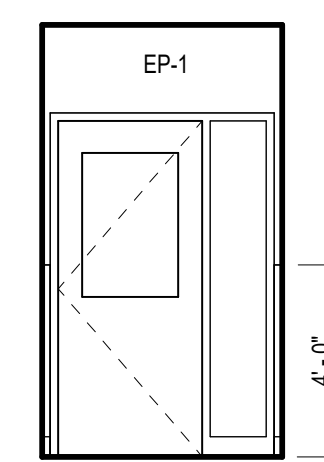
**5 | 104A - HALL - SOUTH**

A5.11 1/4" = 1'-0"



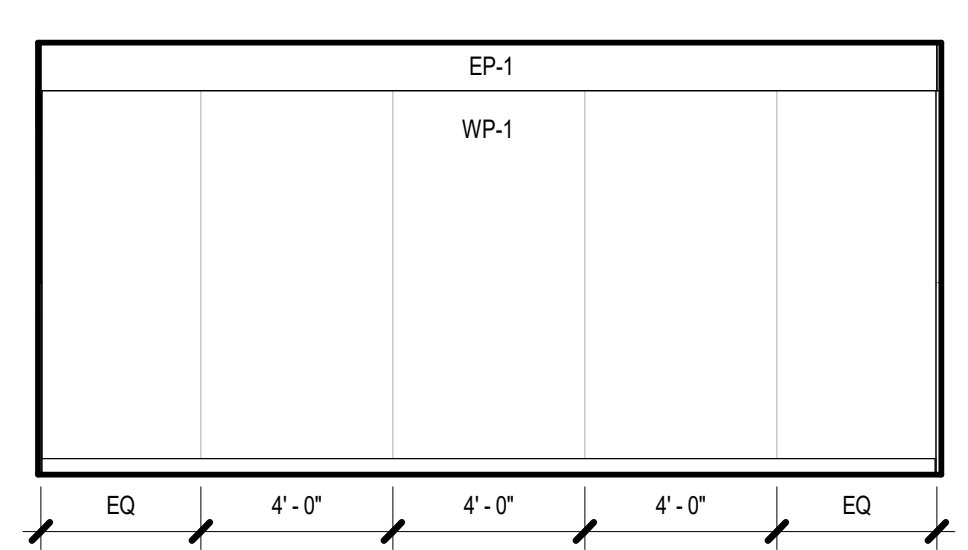
**4 | 104A - HALL - EAST**

A5.11 1/4" = 1'-0"



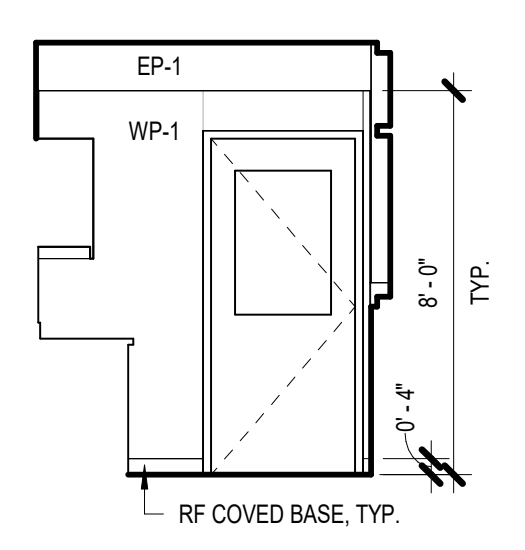
**3 | 104A - HALL - NORTH**

A5.11 1/4" = 1'-0"



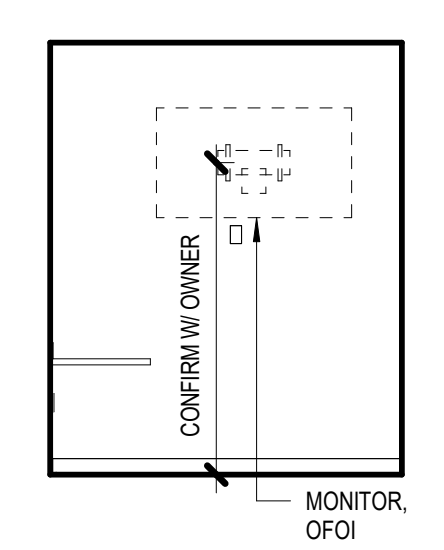
**14 | 104E - LAB PREP - EAST**

A5.11 1/4" = 1'-0"



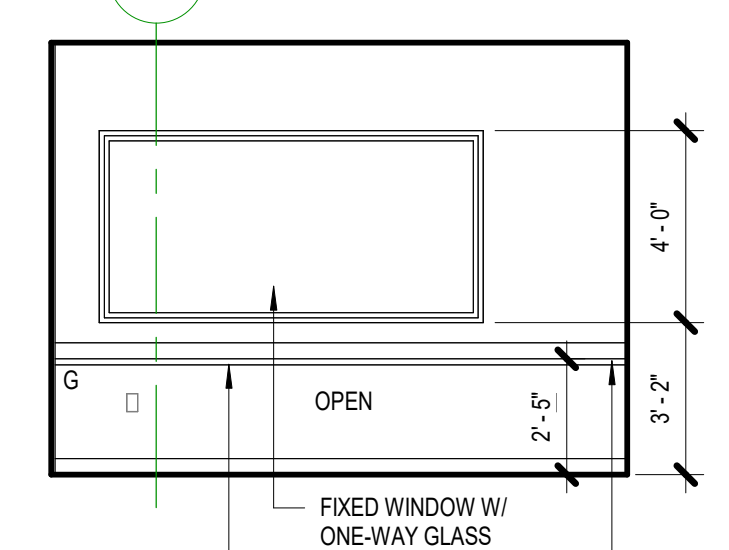
**13 | 104E - LAB PREP - NORTH**

A5.11 1/4" = 1'-0"



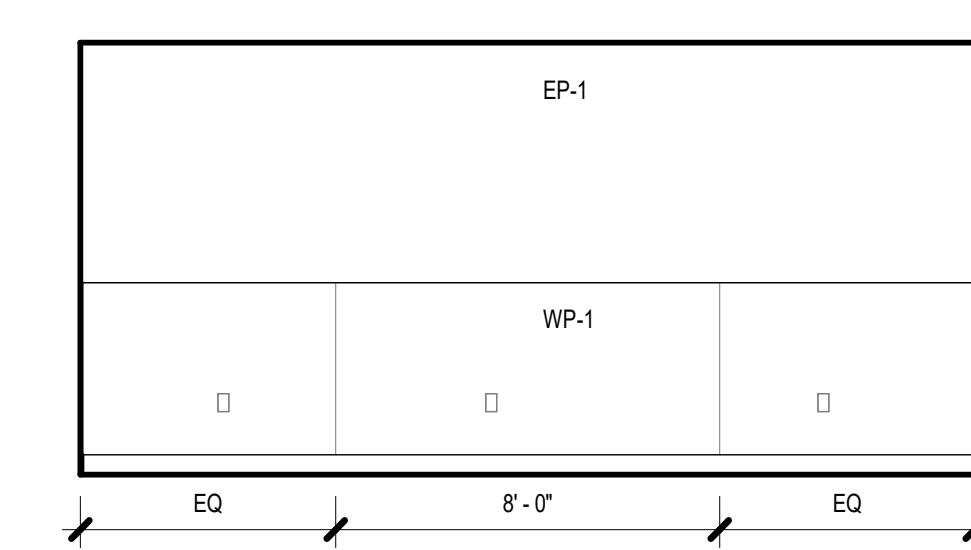
**12 | 104D - CONTROL ROOM A - EAST**

A5.11 1/4" = 1'-0"



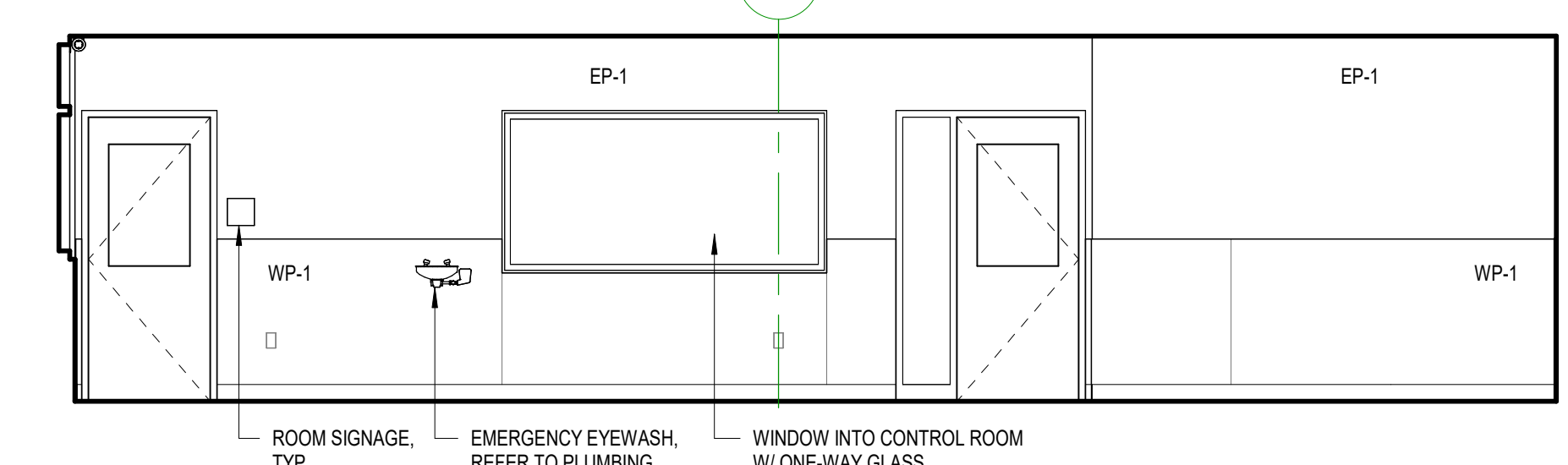
**11 | 104D - CONTROL ROOM A - NORTH**

A5.11 1/4" = 1'-0"



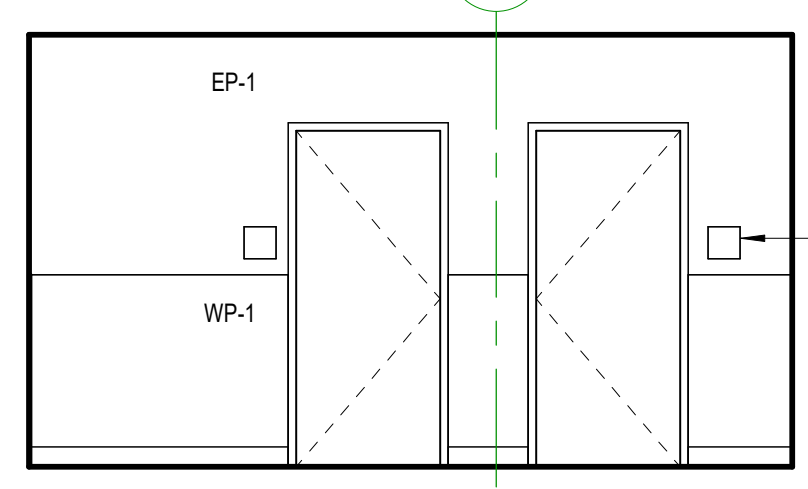
**10 | 104C - SIM. LAB A - WEST**

A5.11 1/4" = 1'-0"



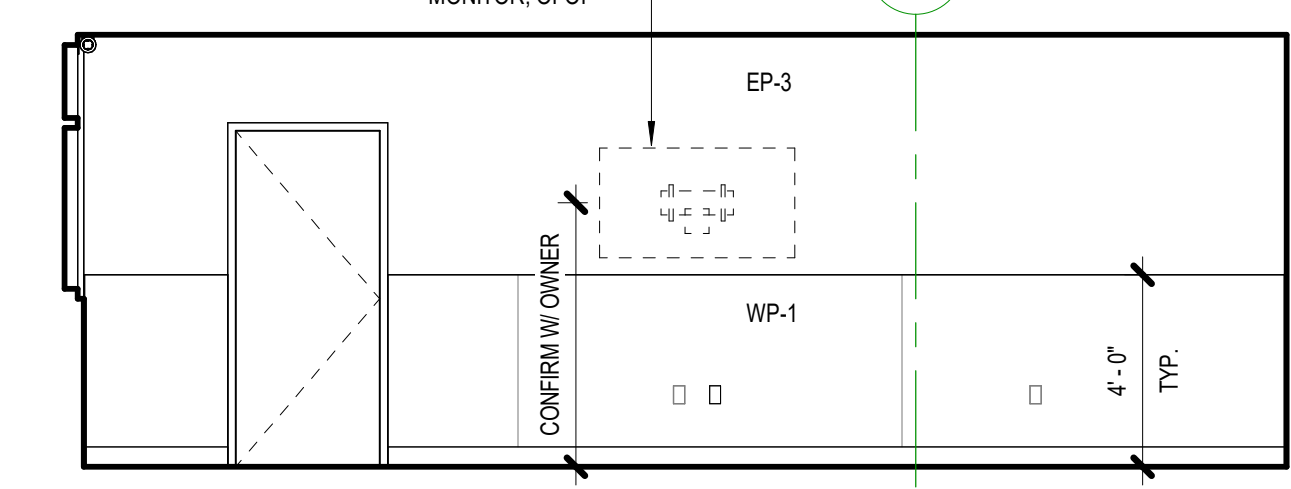
**9 | 104C - SIM. LAB A - SOUTH**

A5.11 1/4" = 1'-0"



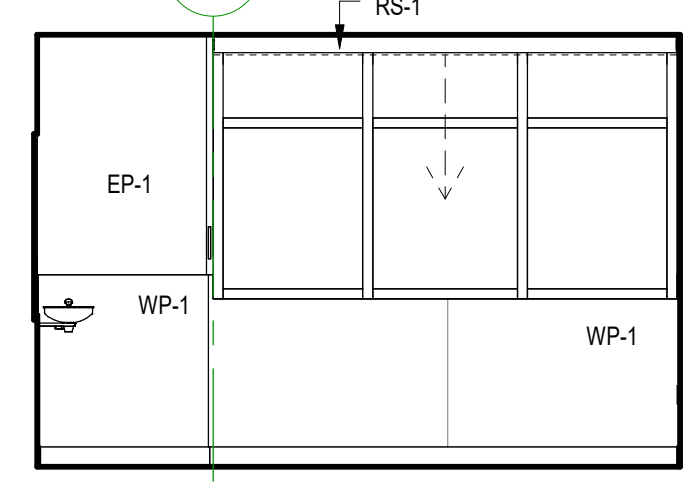
**20 | 104G - SIM. LAB B - WEST**

A5.11 1/4" = 1'-0"



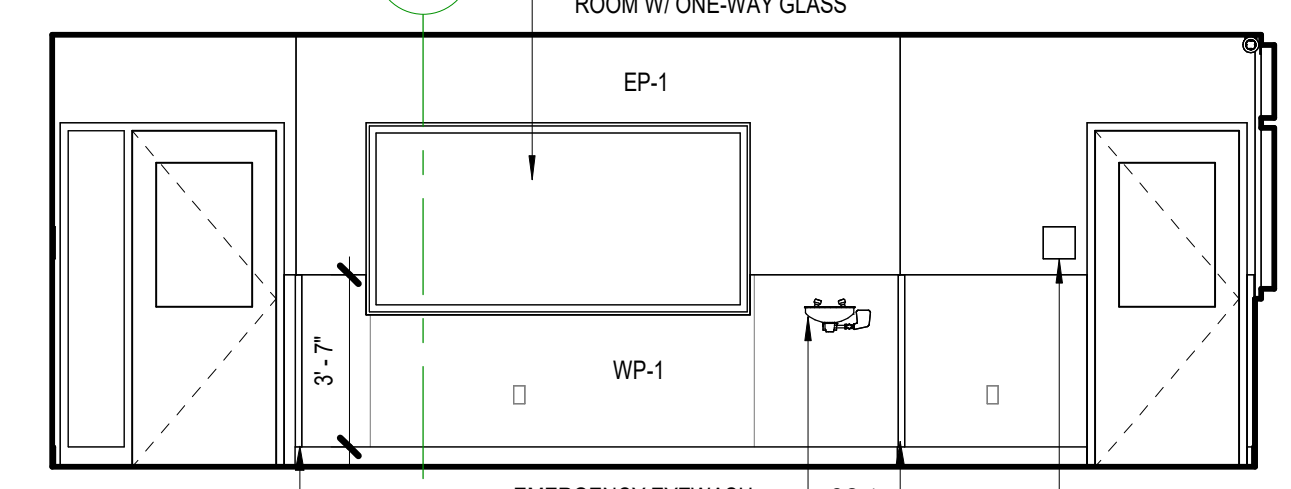
**19 | 104G - SIM. LAB B - SOUTH**

A5.11 1/4" = 1'-0"



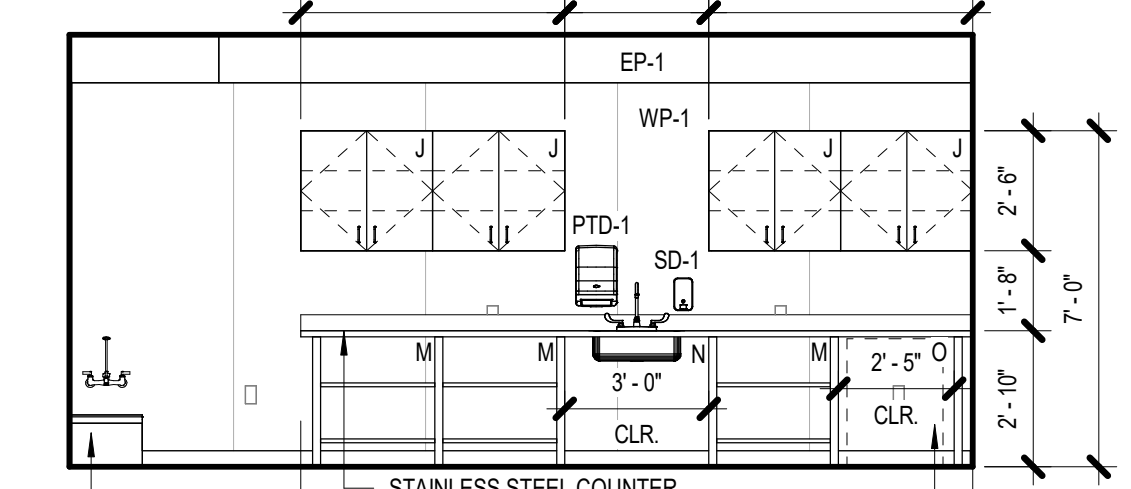
**18 | 104G - SIM. LAB B - EAST**

A5.11 1/4" = 1'-0"



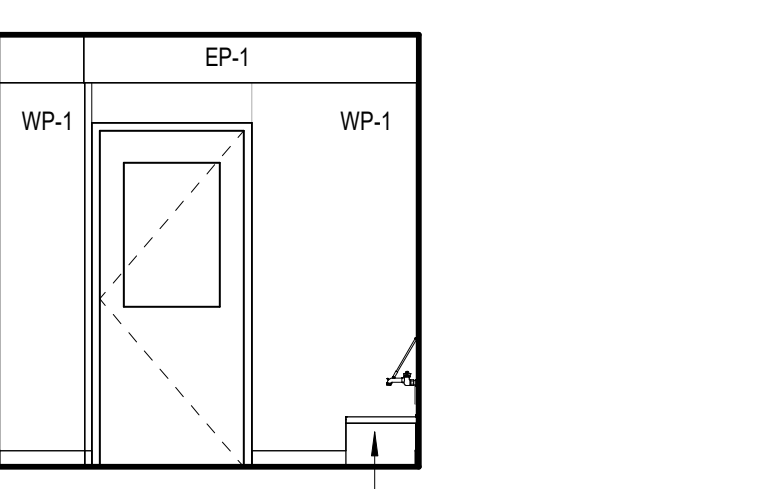
**17 | 104G - SIM. LAB B - NORTH**

A5.11 1/4" = 1'-0"



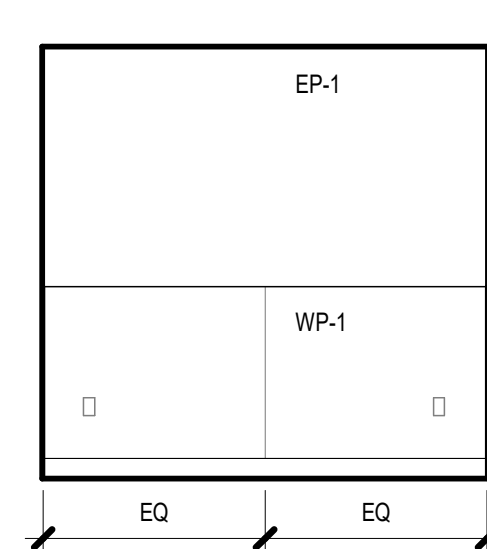
**16 | 104E - LAB PREP - WEST**

A5.11 1/4" = 1'-0"



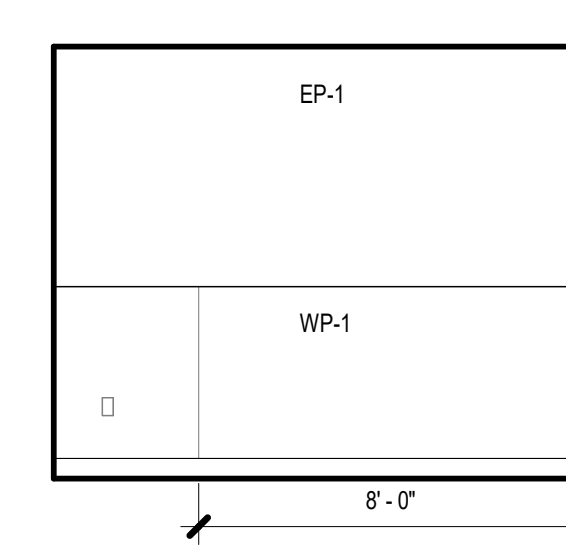
**15 | 104E - LAB PREP - SOUTH**

A5.11 1/4" = 1'-0"



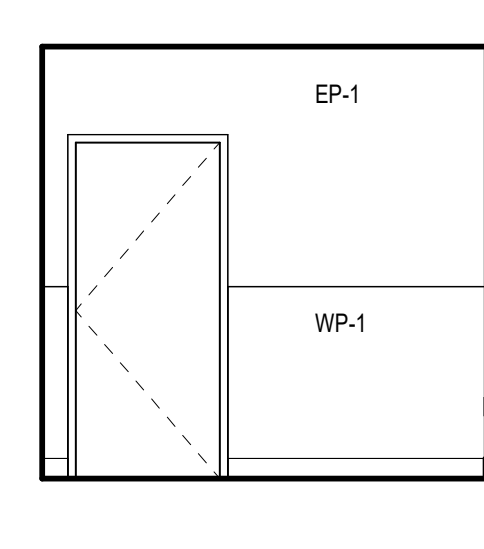
**28 | 104J - SCENARIO B - WEST**

A5.11 1/4" = 1'-0"



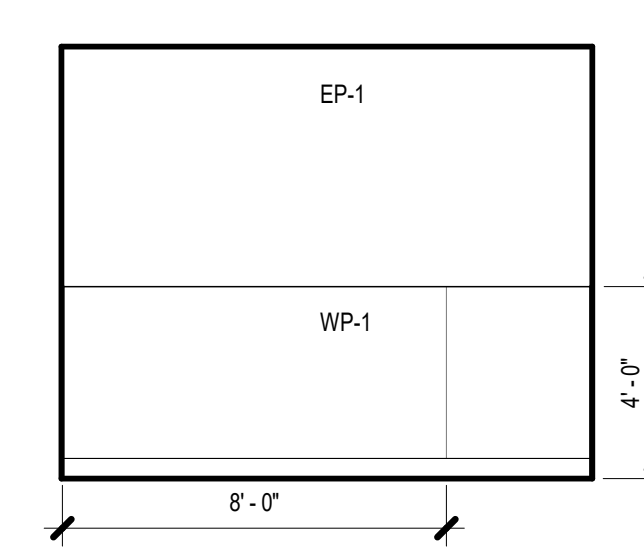
**27 | 104J - SCENARIO B - SOUTH**

A5.11 1/4" = 1'-0"



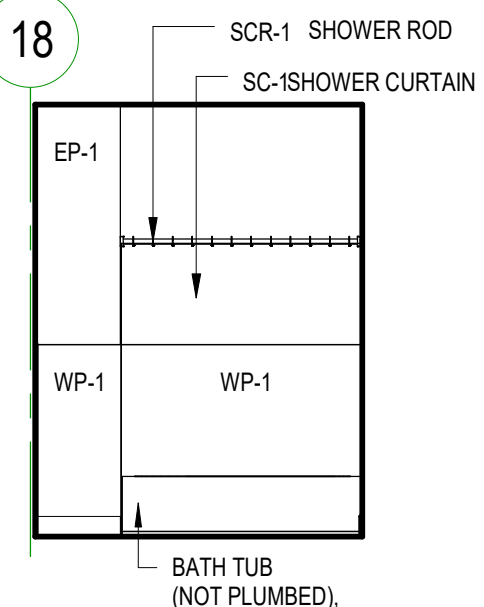
**26 | 104J - SCENARIO B - EAST**

A5.11 1/4" = 1'-0"



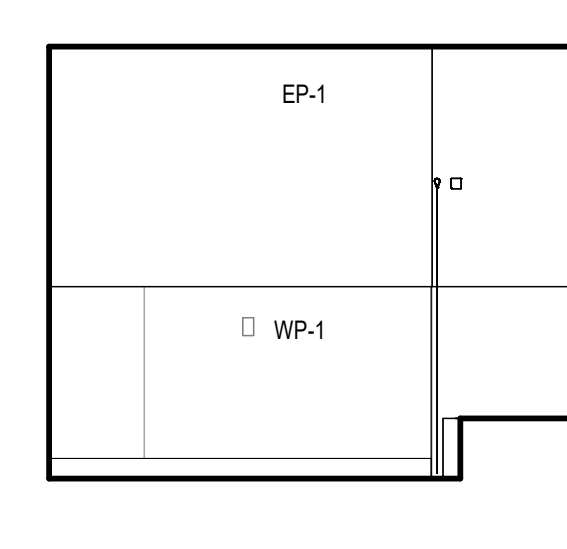
**25 | 104J - SCENARIO B - NORTH**

A5.11 1/4" = 1'-0"



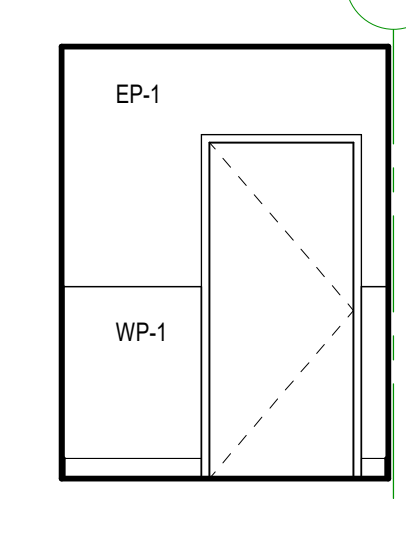
**24 | 104H - SIM. RESTRM. - WEST**

A5.11 1/4" = 1'-0"



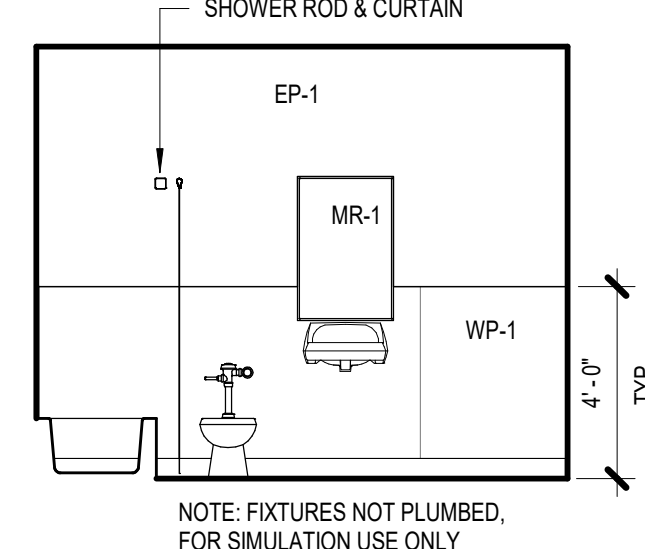
**23 | 104H - SIM. RESTRM. - SOUTH**

A5.11 1/4" = 1'-0"



**22 | 104H - SIM. RESTRM. - EAST**

A5.11 1/4" = 1'-0"



**21 | 104H - SIM. RESTRM. - NORTH**

A5.11 1/4" = 1'-0"

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Revisions to Sheet  
No. Revision Date

Status: **Permit and Bid Documents**

Date: **March 3, 2023**

Sheet Title: **ENLARGED DRAWINGS**

Sheet No.: **A5.11**

Job No.: **4859-01**

**FLOOR PLANS SHEET NOTES**

1. REFERENCE SHEET A0.10 FOR MOUNTING HEIGHTS AND GENERAL INFORMATION
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2. REFERENCE SHEET A0.50 FOR CEILING ASSEMBLY INFORMATION
3. ALL HVAC DIFFUSERS, SPRINKLER HEADS AND CEILING MOUNTED EQUIPMENT TO BE COORDINATED WITH ARCHITECTURAL CEILING PLANS IN CONJUNCTION WITH RESPECTIVE DISCIPLINES
4. CENTER CEILING TILE IN ROOM AND LIGHT FIXTURES IN TILES
5. CENTER ALL SPEAKERS AND INTERCOM DEVICES IN CEILING TILE. REFERENCE TECH SHEETS.

**INTERIOR ELEVATIONS SHEET NOTES**

1. REFERENCE A0.00 FOR MATERIAL KEY
2. REFERENCE A6.20 FOR ROOM FINISH SCHEDULE
3. REFERENCE A6.01 FOR INTERIOR FRAME TYPES
4. CASEWORK FINISH SCHEDULED IN ROOM FINISH SCHEDULE
5. REFERENCE REFLECTED CEILING PLAN FOR WINDOW COVERINGS
6. REFER TO A0.10 FOR TYPICAL MOUNTING HEIGHT REQUIREMENTS

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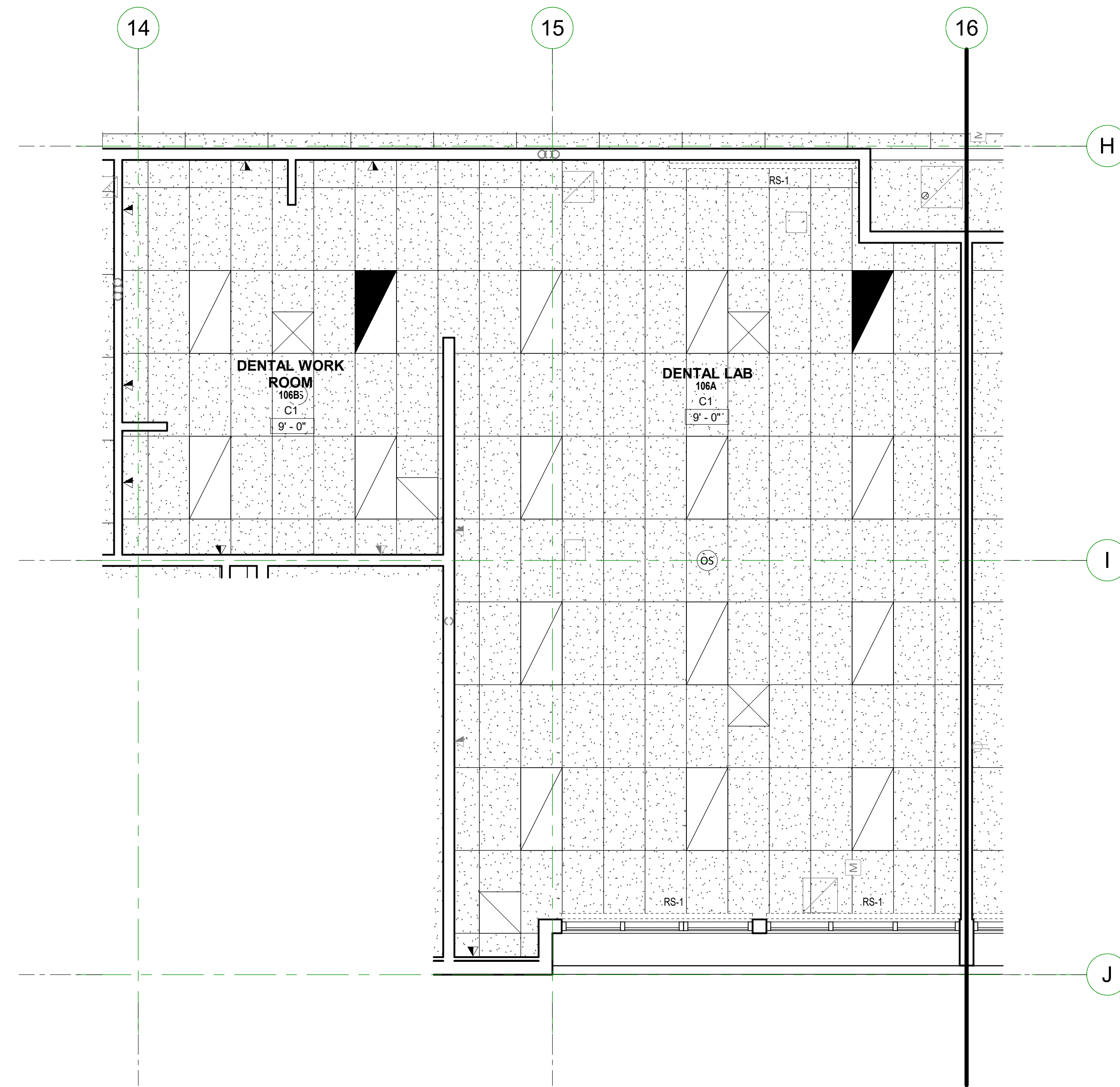


Project Owner:  
**SWOCC**

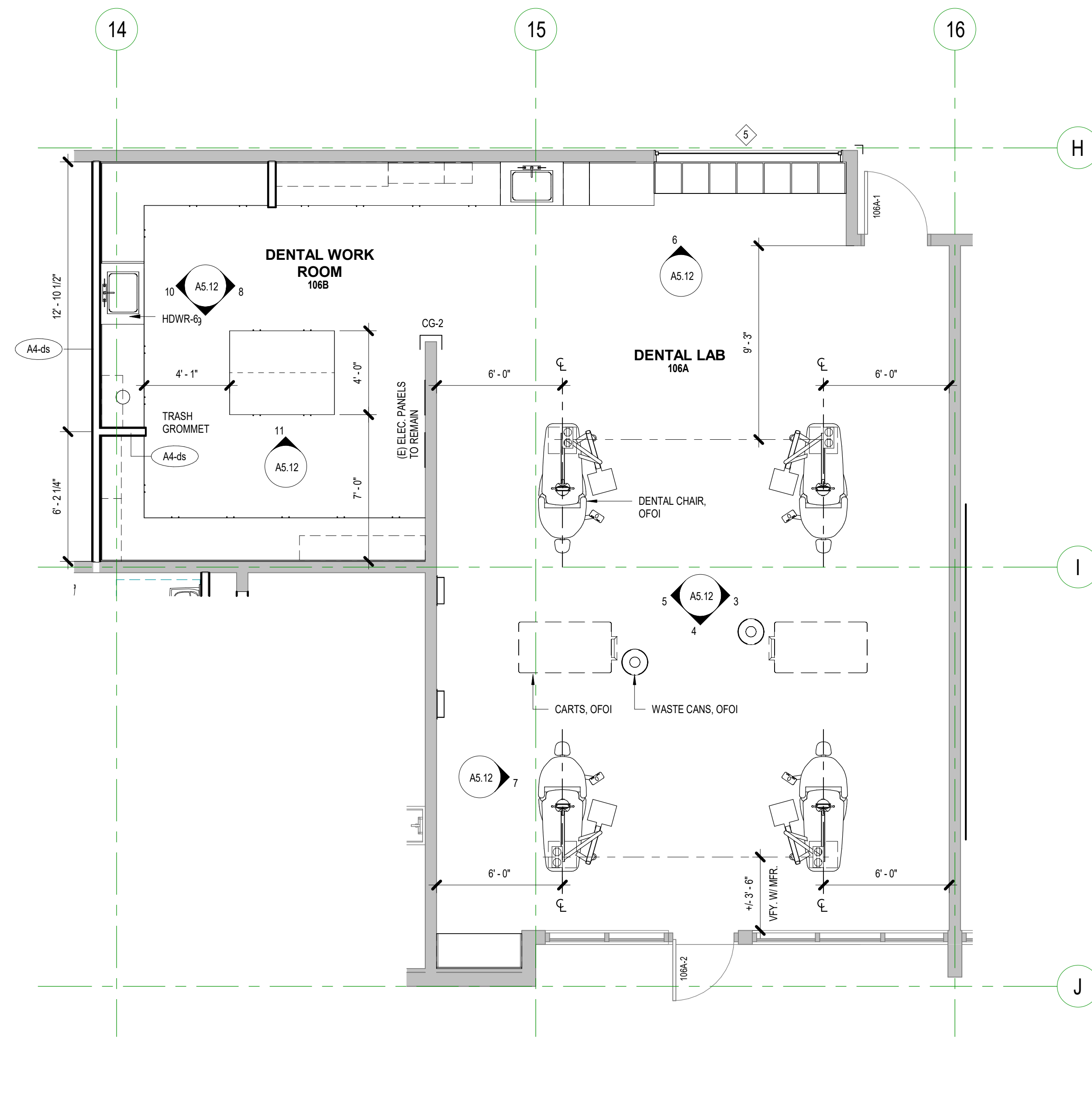
Project Name:  
**Summer Hall**

Project Address:  
**1888 Newmark Avenue,  
Coos Bay, OR 97420**

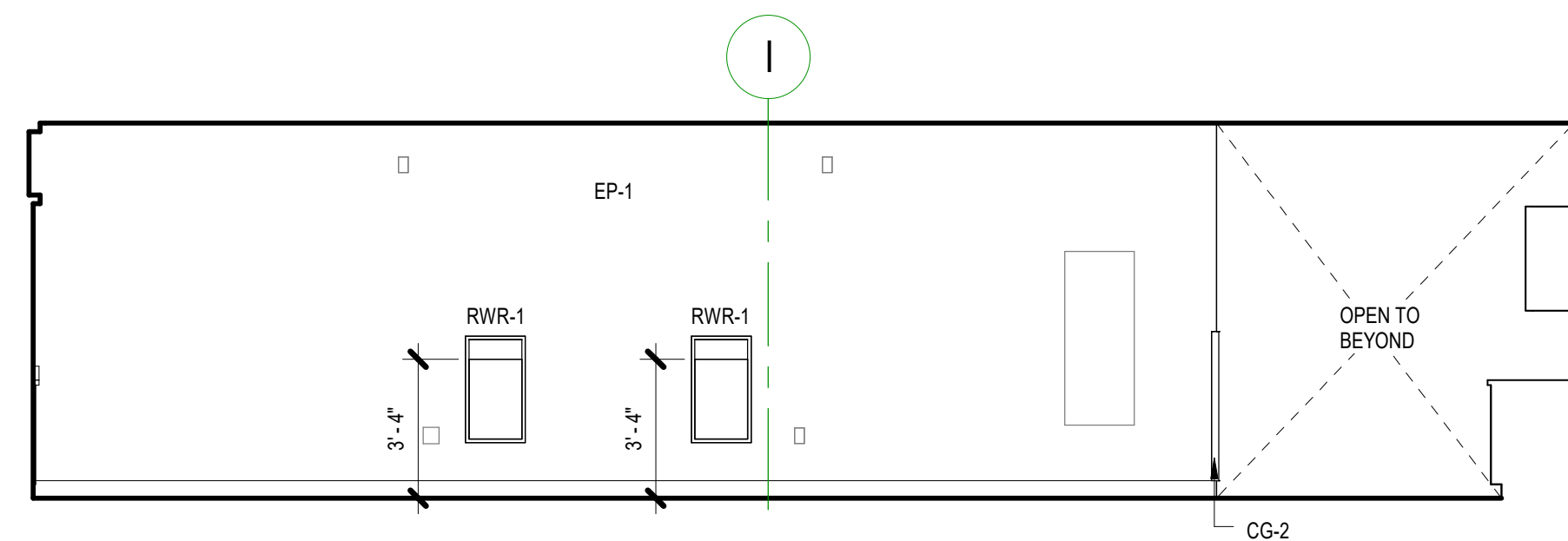
Key Plan



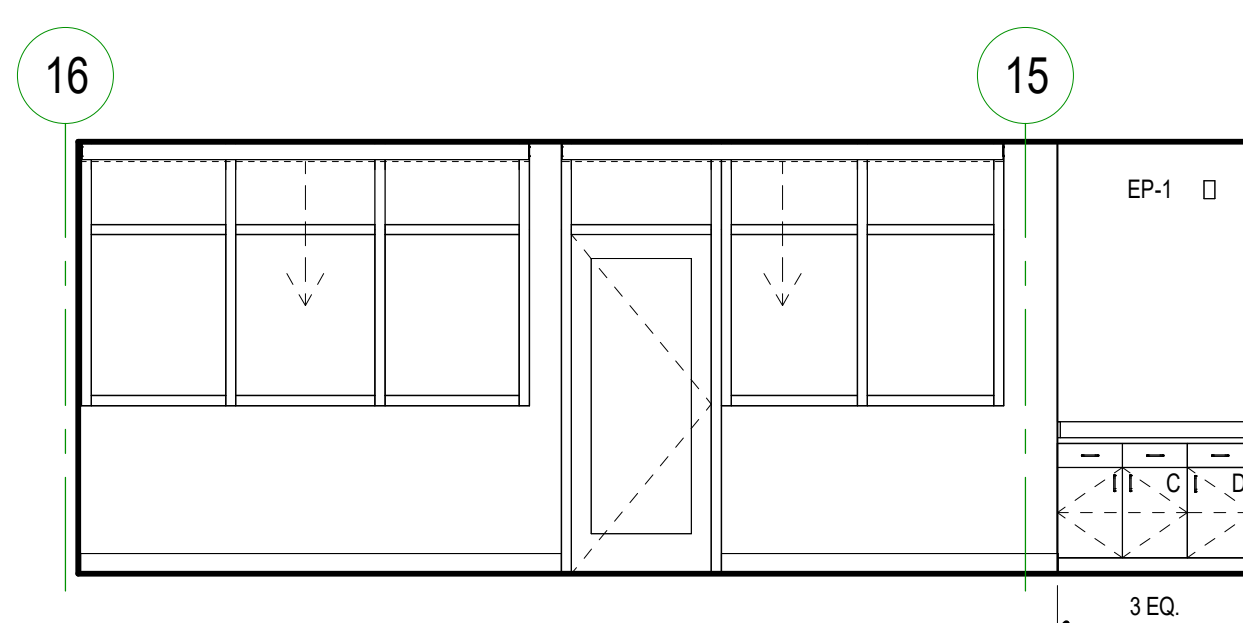
**2 | ENLARGED RCP - DENTAL ASSISTING**  
A5.12 1/4" = 1'-0"



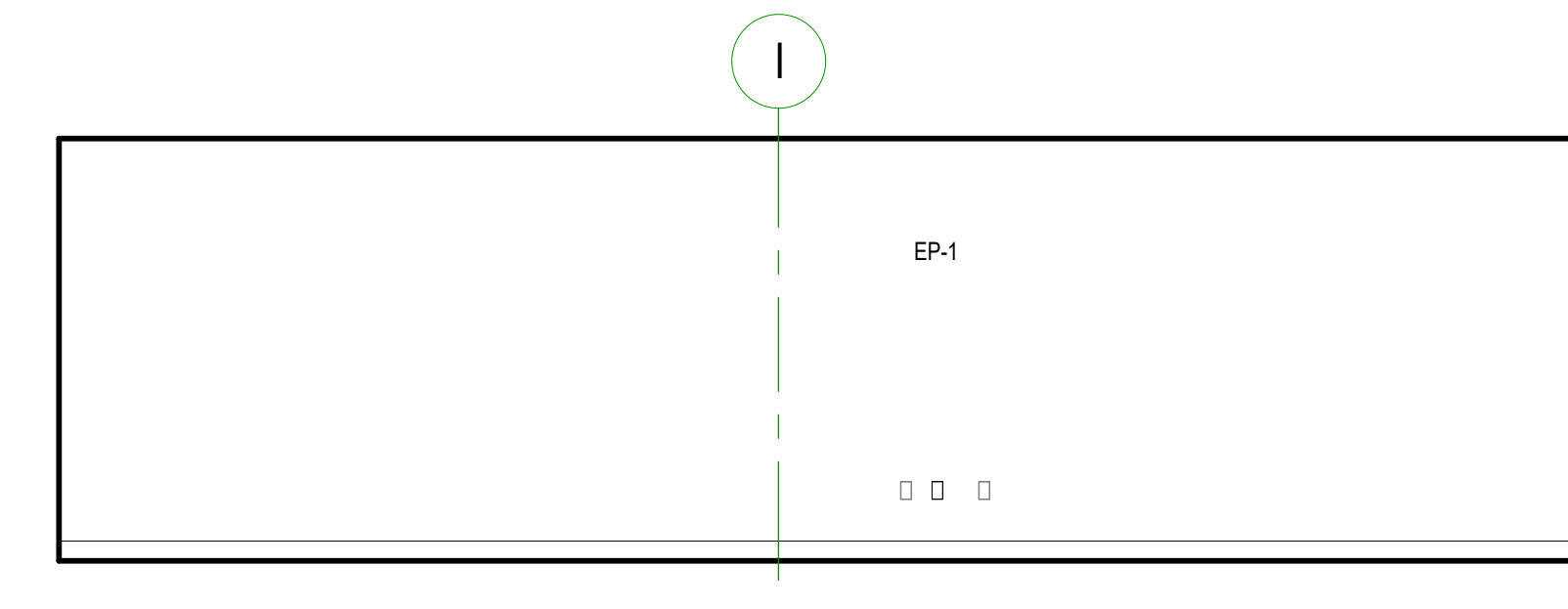
**1 | ENLARGED PLAN - DENTAL ASSISTING**  
A5.12 1/4" = 1'-0"



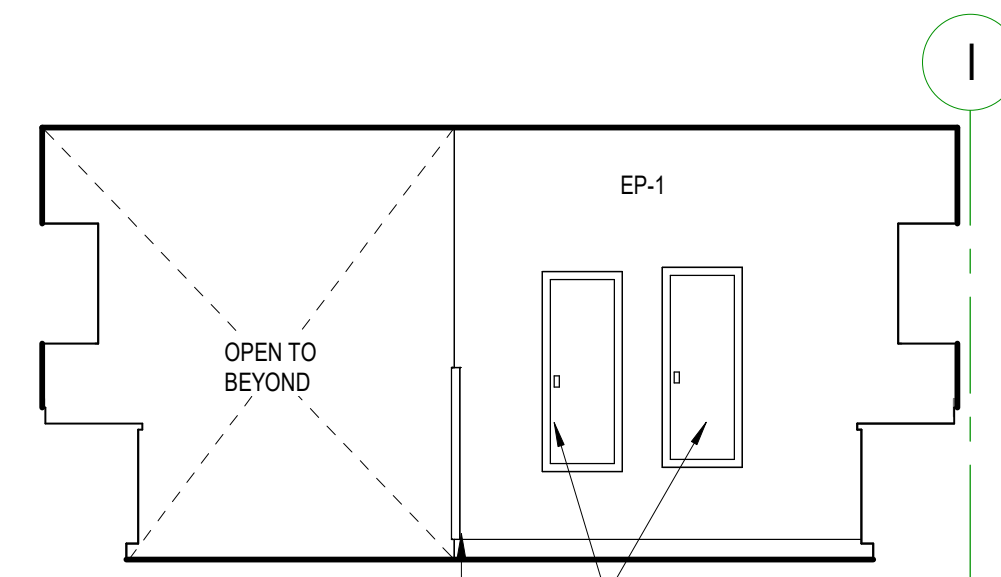
**5 | 106, 106A - DENTAL LAB - SOUTH**  
A5.12 1/4" = 1'-0"



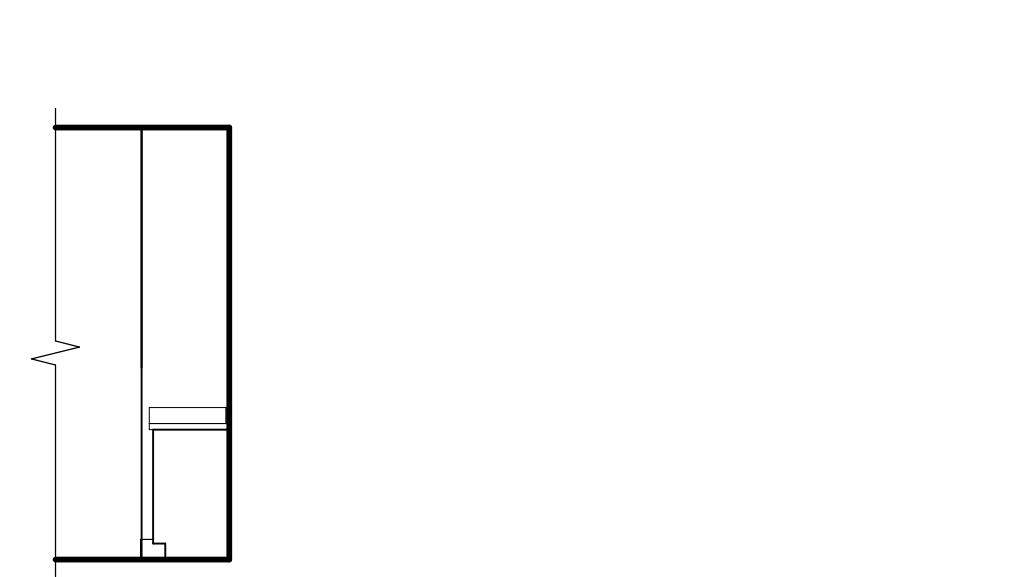
**4 | 106A - DENTAL LAB - EAST AT EXTERIOR WALL**  
A5.12 1/4" = 1'-0"



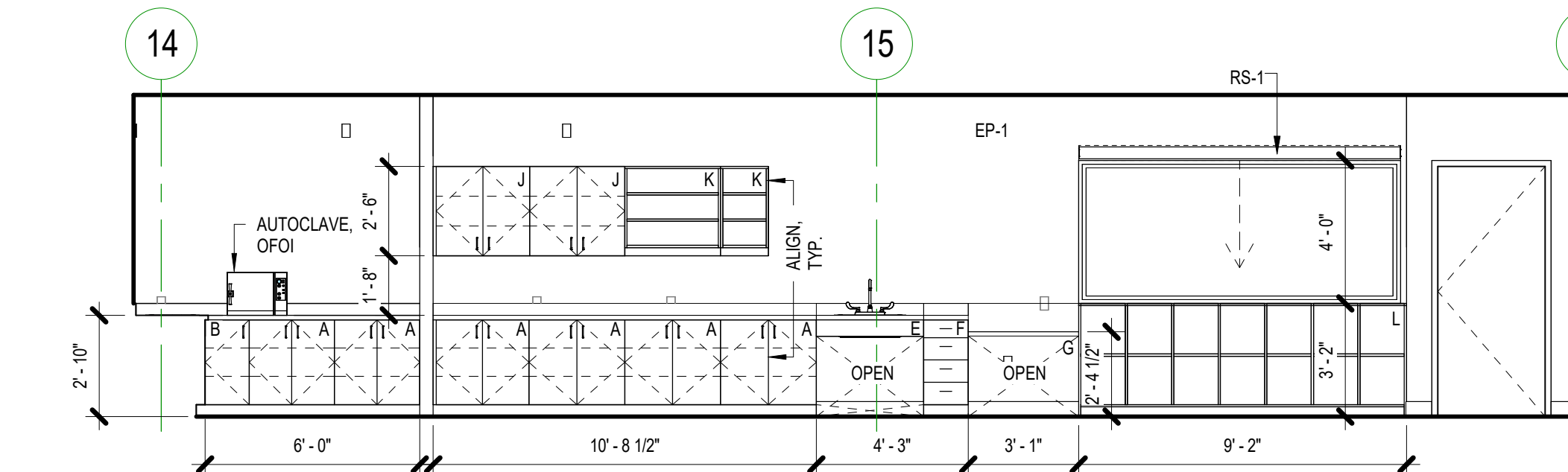
**3 | 106, 106A - DENTAL LAB - NORTH**  
A5.12 1/4" = 1'-0"



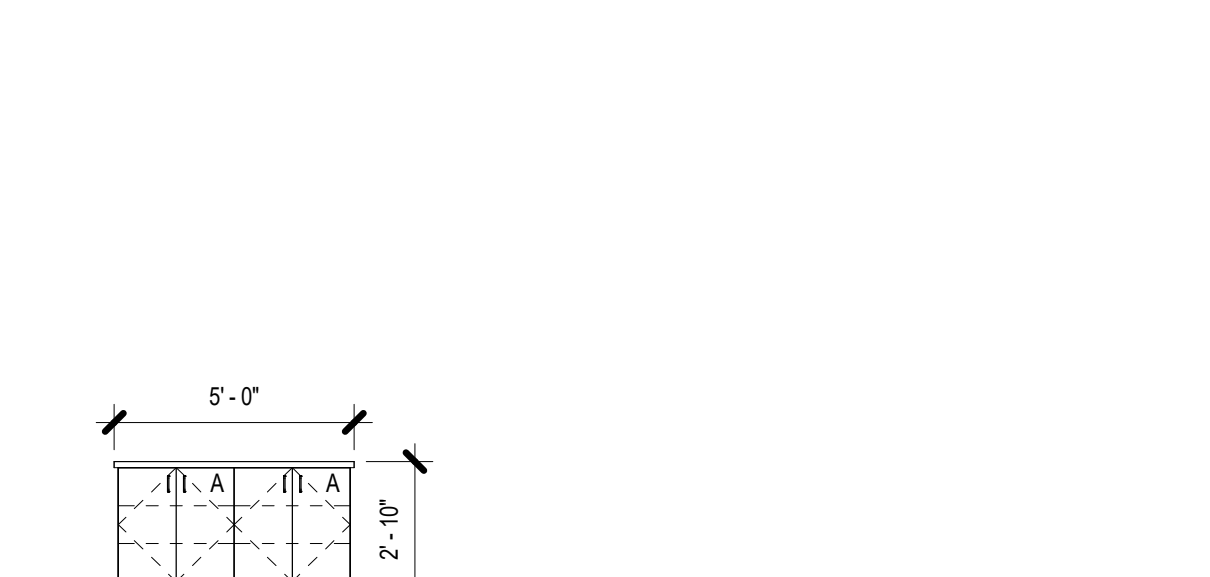
**8 | 106B - DENTAL WORK ROOM - NORTH**  
A5.12 1/4" = 1'-0"



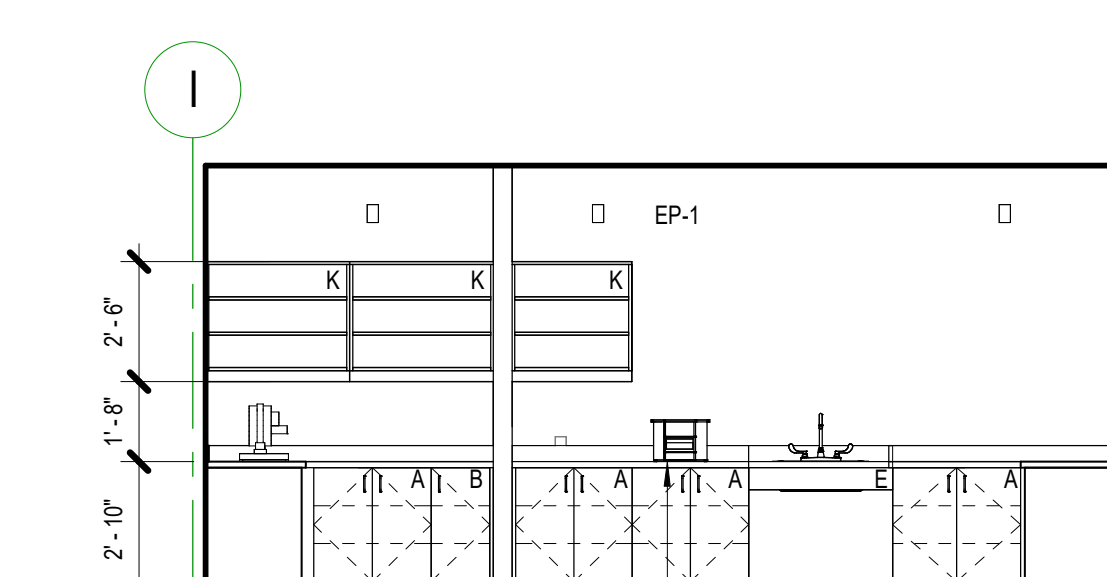
**7 | 106A - DENTAL LAB - NORTH AT ALCOVE**  
A5.12 1/4" = 1'-0"



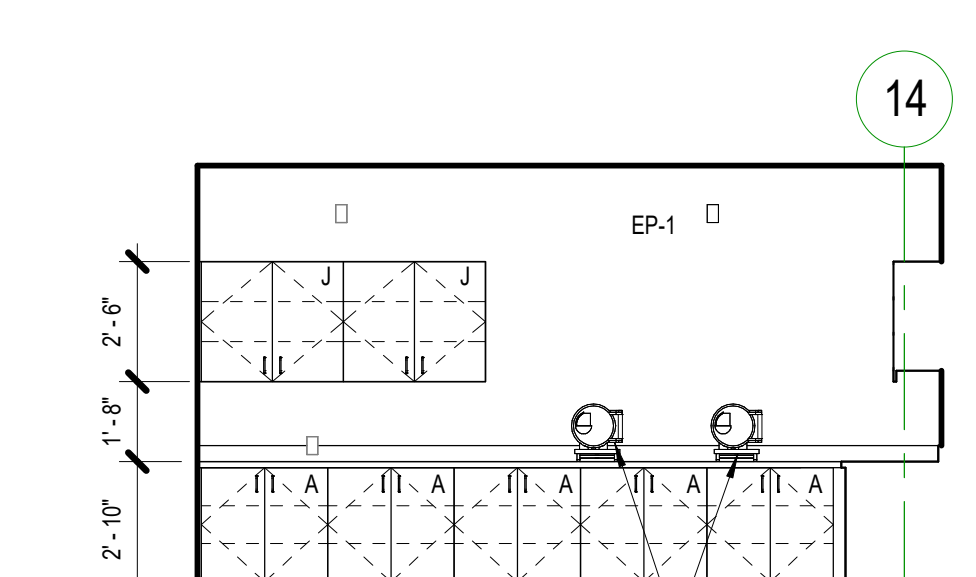
**6 | 106 - DENTAL LAB - WEST**  
A5.12 1/4" = 1'-0"



**11 | 106B - DENTAL WORK ROOM - CASEWORK**  
A5.12 1/4" = 1'-0" WEST OPP. (2-SIDED CABINET)



**10 | 106B - DENTAL WORK ROOM - SOUTH**  
A5.12 1/4" = 1'-0"



**9 | 106B - DENTAL WORK ROOM - EAST**  
A5.12 1/4" = 1'-0"

1/8/2023

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Revisions to Sheet

No.	Revision	Date

Status: **Permit and Bid Documents**

Date: **March 3, 2023**

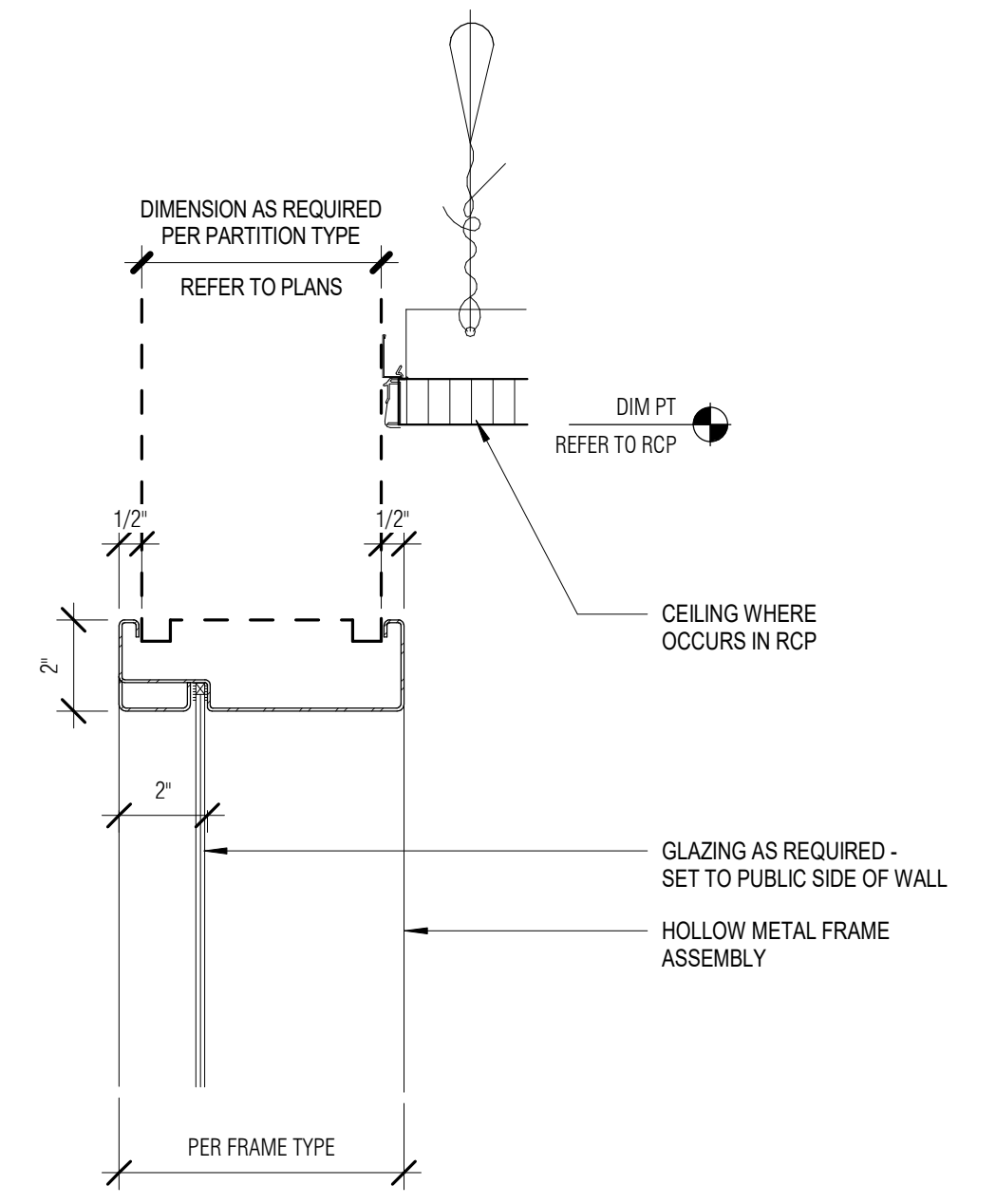
Sheet Title:  
**ENLARGED DRAWINGS**

Sheet No.

**A5.12**

Job No.

**4859-01**



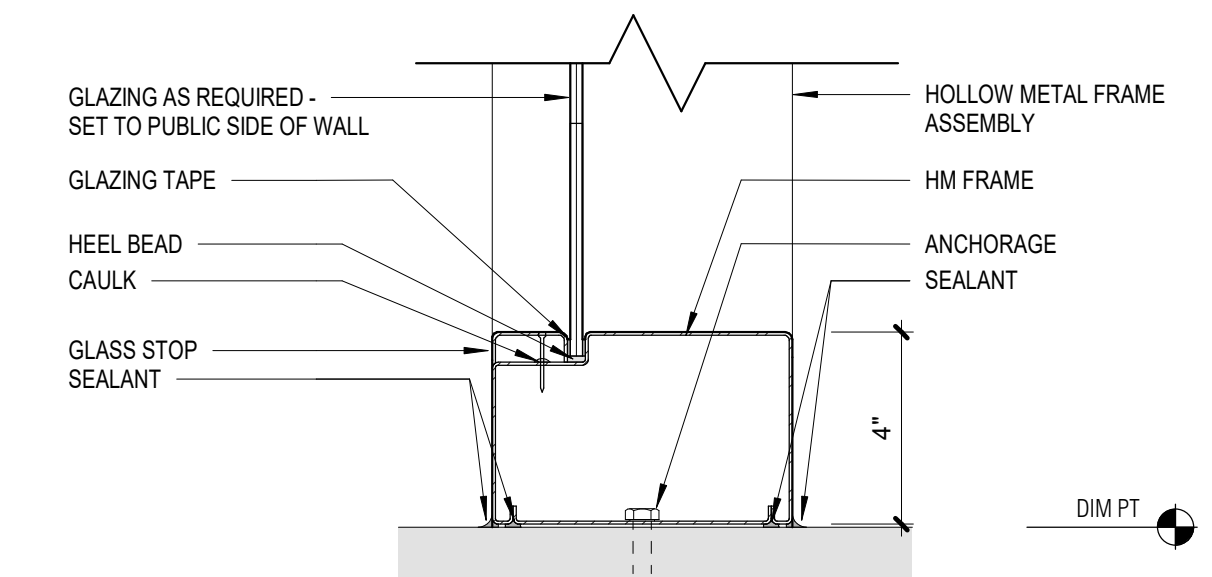
**1 | TYP HOLLOW METAL RELITE HEAD/ JAMB**  
 A6.10 3" = 1'-0"

Project Owner:  
**SWOCC**

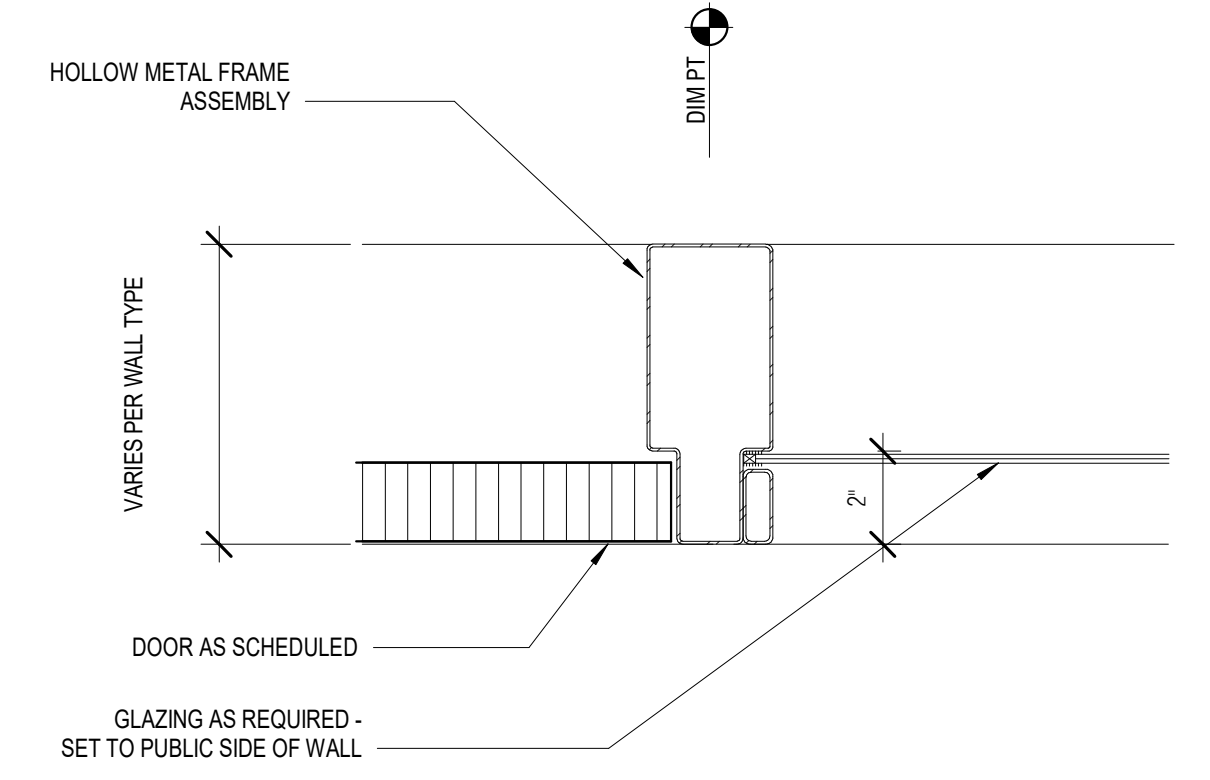
Project Name:  
**Summer Hall**

Project Address:  
**1888 Newmark Avenue,  
 Coos Bay, OR 97420**

Key Plan



**2 | TYP HOLLOW METAL RELITE SILL**  
 A6.10 3" = 1'-0"

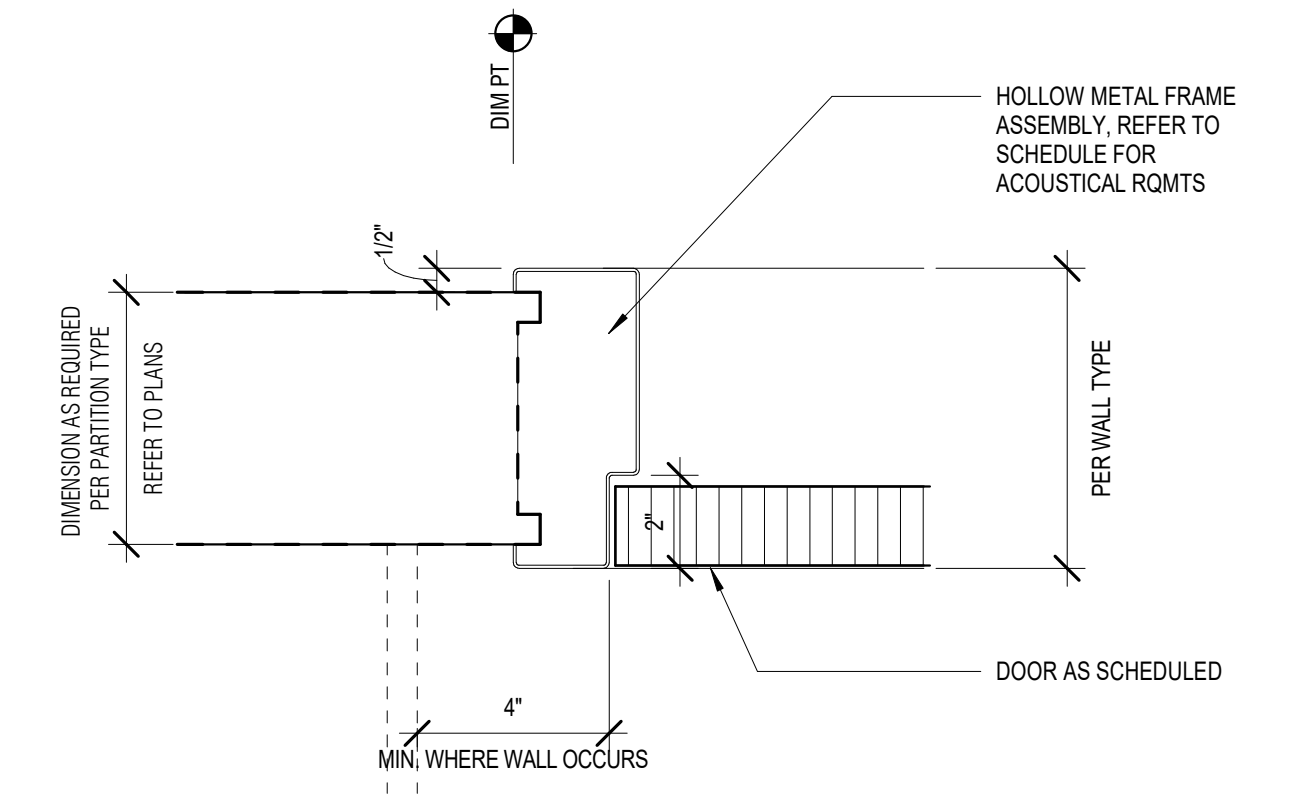


**3 | TYP HOLLOW METAL RELITE HEAD/ JAMB @ DOOR**  
 A6.10 3" = 1'-0"

1/10/2023

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Revisions to Sheet		
No.	Revision	Date



**4 | TYP HOLLOW METAL DOOR HEAD/ JAMB**  
 A6.10 3" = 1'-0"

Status: **Permit and Bid Documents**

Date: **March 3, 2023**

Sheet Title:  
**INTERIOR  
 FRAMED  
 OPENING  
 DETAILS**

Sheet No.

**A6.10**

Job No.

**4859-01**

Room Number	Room Name	Floor Finish	Base	Walls				Ceiling Finish	Casework			Key Notes
				North Finish	East Finish	South Finish	West Finish		Lower	Counter	Upper	
100	VESTIBULE	(E)	RB-1	-	P-1	P-1	-	-	-	-	-	-
101	HALL	RF-1	RB-1	-	P-1	-	-	ACT-1, P-2	-	-	-	-
102	HALL	RF-1	RB-1, WD	P-1	P-1	P-1	-	ACT-1, P-2	-	-	-	-
103	VESTIBULE	(E)	RB-1	P-1	P-1	-	-	-	-	-	-	-
104	VEST.	RF-1	RB-1	P-1	P-1	P-1	-	ACT-2	-	-	-	-
104A	HALL	RF-1	RB-1	WP-1, EP-1	WP-1, EP-1	WP-1, EP-1	WP-1, EP-1	ACT-2	-	-	-	-
104B	STOR.	RF-1	RB-1	EP-1	EP-1	EP-1	EP-1	ACT-2	-	-	-	-
104C	SIM LAB A	RF-1	RB-1	WP-1, EP-3	WP-1, EP-1	WP-1, EP-1	WP-1, EP-1	ACT-2	-	-	-	-
104D	CONTROL A	RF-1	RB-1	EP-1	EP-1	EP-1	EP-1	ACT-2	-	PLAM-2	-	-
104E	LAB PREP	RF-1	RF-1	WP-1, EP-1	WP-1, EP-1	WP-1, EP-1	WP-1, EP-1	ACT-2	SS-1	SS-1	PLAM-1	-
104F	CONTROL B	RF-1	RB-1	EP-1	EP-1	EP-1	EP-1	ACT-2	-	PLAM-2	-	-
104G	SIM LAB B	RF-1	RB-1	WP-1, EP-1	WP-1, EP-1	WP-1, EP-3	WP-1, EP-1	ACT-2	-	-	-	-
104H	SIM.	RF-1	RB-1	WP-1, EP-1	WP-1, EP-1	WP-1, EP-1	WP-1, EP-1	ACT-2	-	-	-	-
104J	SCENARIO B	RF-1	RB-1	WP-1, EP-1	WP-1, EP-1	WP-1, EP-1	WP-1, EP-1	ACT-2	-	-	-	-
105	CLASSROOM	RF-1	RB-1	EP-1	EP-1	EP-1	EP-1	ACT-2	-	-	-	-
106	DENTAL LAB	RF-2	RB-1	EP-1	EP-1	EP-1	EP-1	ACT-2	PLAM-1	-	-	-
106A	DENTAL LAB	RF-1	RB-1	EP-1	EP-1	EP-1	EP-3	ACT-2	PLAM-1	SURF-1	-	-
106B	DENTAL WORK ROOM	RF-1	RB-1	EP-1	EP-1	EP-3	EP-3	ACT-2	PLAM-1	SURF-1	PLAM-1	-
107	BLDG SUPPORT	RF-1	RB-1	P-1	P-1	P-1	P-1	ACT-1	-	-	-	-
108	RESTROOM	RF-1	RF-1	EP-1	EP-1	EP-1	EP-1	P-2	-	-	-	-
108A	VEST.	RF-1	RB-1	P-1	P-1	P-1	P-1	P-2	-	-	-	-
109	BLDG STORAGE	(E) CONC	(E)	P-1	P-1	P-1	P-1	P-2	-	-	-	-
109A	BLDG STORAGE	(E) CONC	(E)	P-1	P-1	P-1	P-1	P-2	-	-	-	-
110	CLASSROOM	CPT-2	RB-1	P-1	P-1	P-1	P-1	ACT-1	PLAM-1	SURF-1	-	-
111	JANITOR	(E) CONC	RB-1	FRP-1, EP-1	FRP-1, EP-1	FRP-1, EP-1	FRP-1, EP-1	P-2	-	-	-	-
112	MEN	PT-1	PT-1	EP-1	EP-1	EP-1	EP-1	P-2	-	SURF-2	-	-
113	WOMEN	PT-1	PT-1	EP-1	EP-1	EP-1	EP-1	P-2	-	SURF-2	-	-
114	LOUNGE	CPT-1	RB-1, WD	WD, MB	-	WD, MB	P-1	P-2, AB-1	-	-	-	-
115	OFFICE	CPT-2	RB-1	P-1	P-1	P-1	P-1	ACT-1	-	-	-	-
116	OFFICE	CPT-2	RB-1	P-1	P-1	P-1	P-1	ACT-1	-	-	-	-
117	DEBRIEF	CPT-2	RB-1	P-X	P-X	P-1	P-1	ACT-1	-	-	-	-

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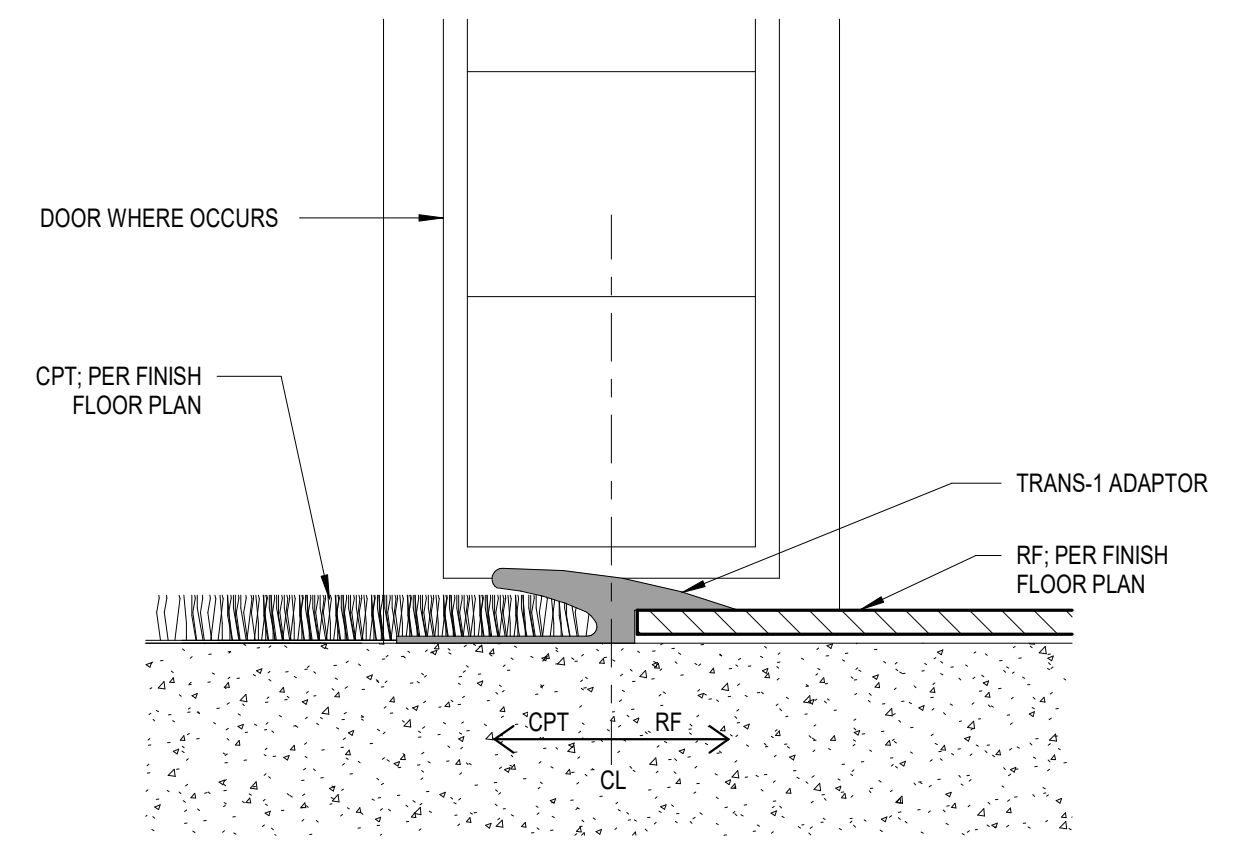


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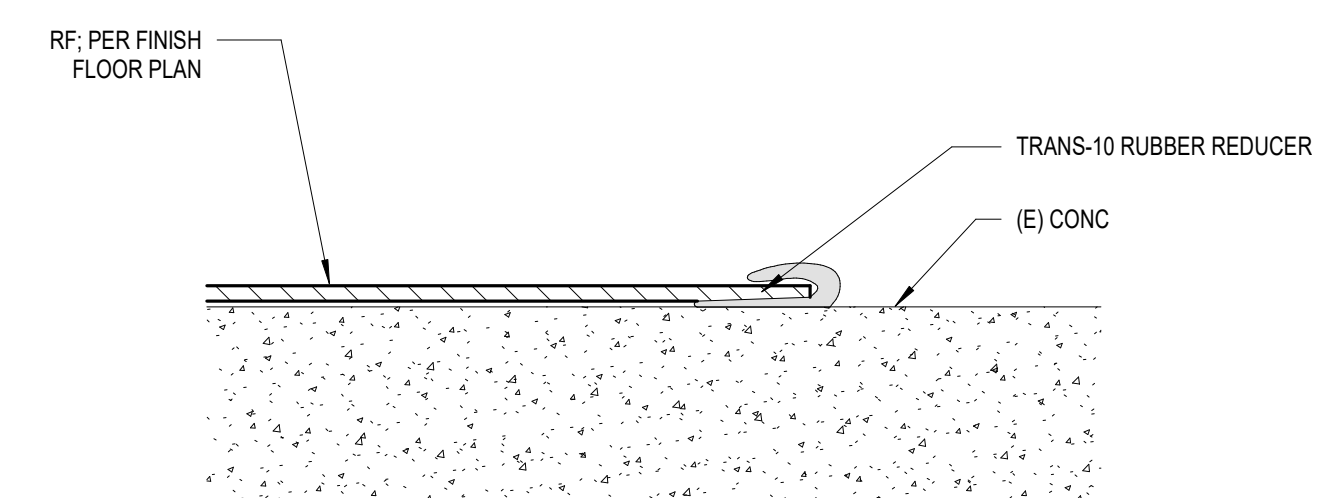
Project Name:  
**Summer Hall**

Project Address:  
**1888 Newmark Avenue,  
Coos Bay, OR 97420**

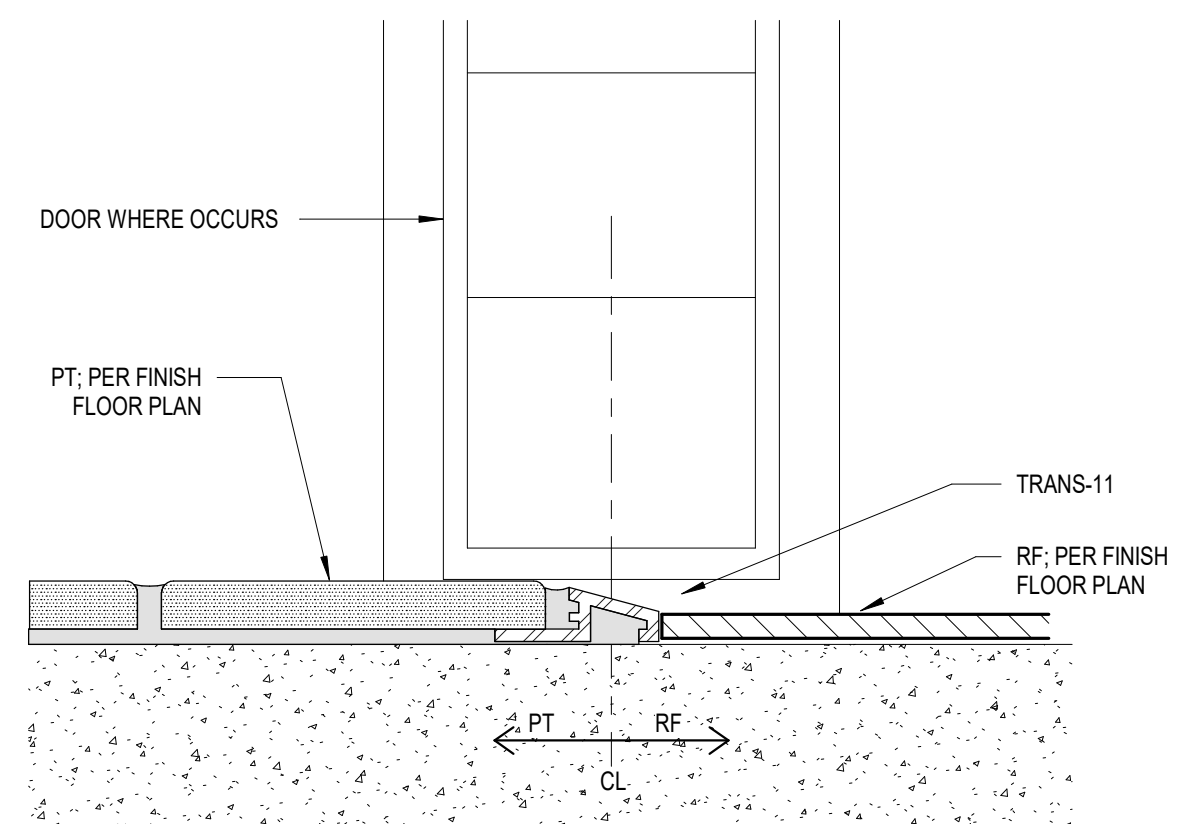
Key Plan



**1 | FLOOR TRANSITION - CPT TO RF**  
A6.20 12" = 1'-0"



**2 | FLOOR TRANSITION - RF TO CONC**  
A6.20 12" = 1'-0"



**3 | FLOOR TRANSITION - PT TO RF**  
A6.20 12" = 1'-0"

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Revisions to Sheet  
No. Revision Date

Status: **Permit and Bid Documents**

Date: **March 3, 2023**

Sheet Title:  
**ROOM FINISH SCHEDULE**

Sheet No.

**A6.20**

Job No.

**4859-01**

INTERIOR ELEVATIONS SHEET NOTES

1. REFERENCE A0.00 FOR MATERIAL KEY
2. REFERENCE A6.20 FOR ROOM FINISH SCHEDULE
3. REFERENCE A6.01 FOR INTERIOR FRAME TYPES
4. CASEWORK FINISH SCHEDULED IN ROOM FINISH SCHEDULE.
5. REFERENCE REFLECTED CEILING PLAN FOR WINDOW COVERINGS.
6. REFER TO A0.10 FOR TYPICAL MOUNTING HEIGHT REQUIREMENTS

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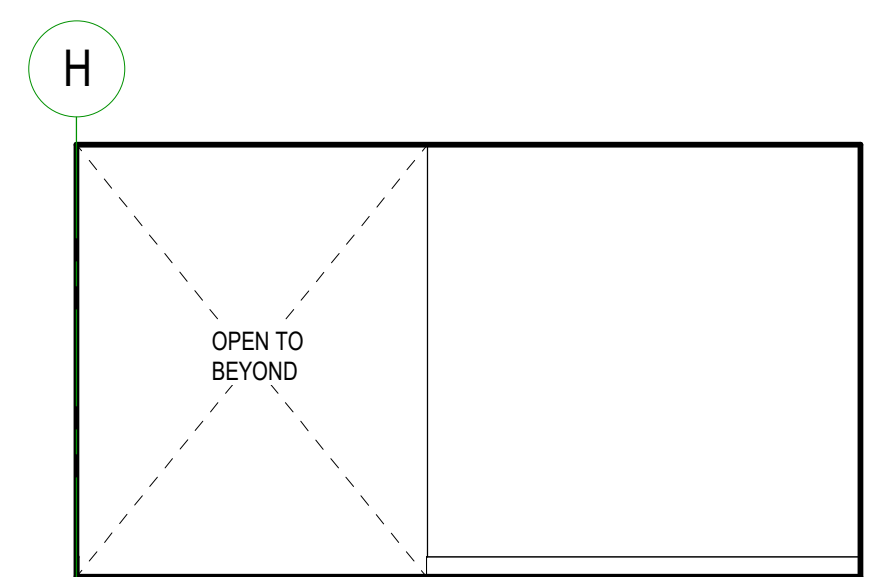


Project Owner:  
**SWOCC**

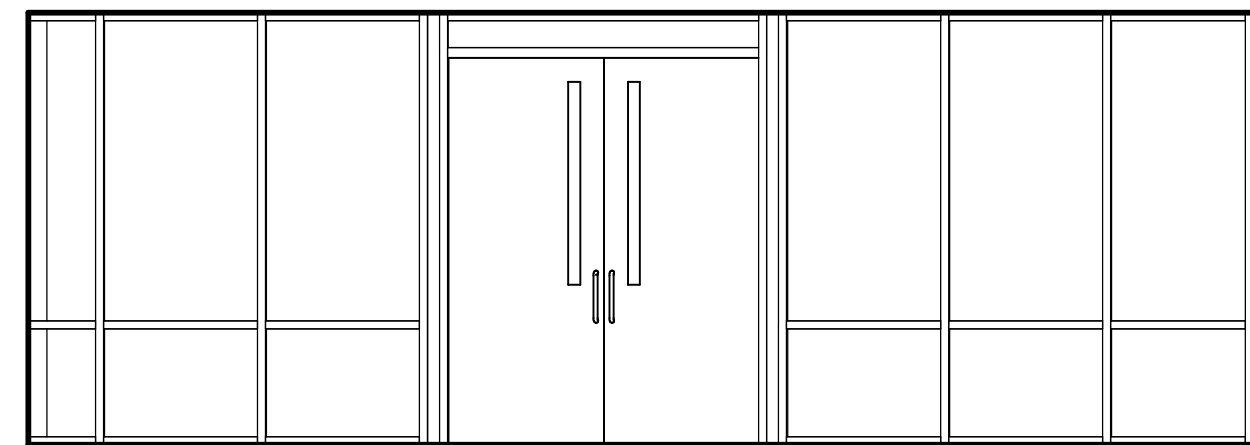
Project Name:  
**Summer Hall**

Project Address:  
**1888 Newmark Avenue,  
Coos Bay, OR 97420**

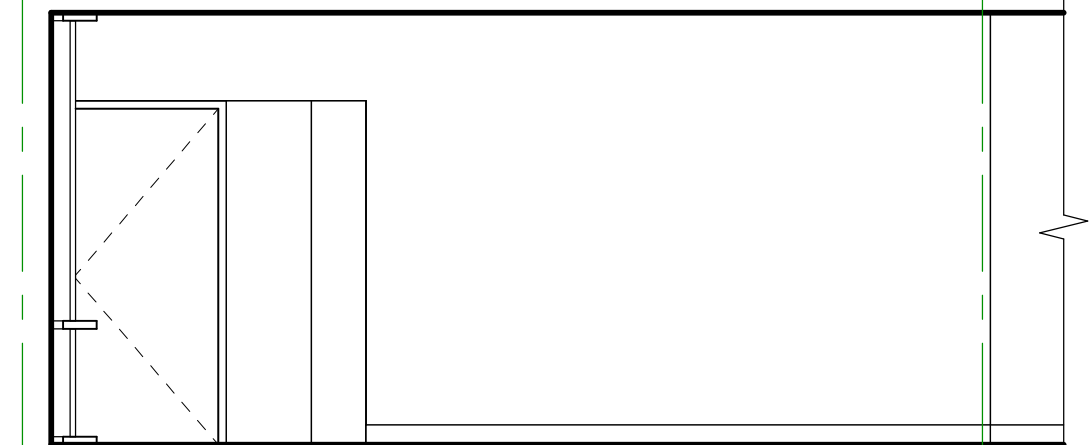
Key Plan



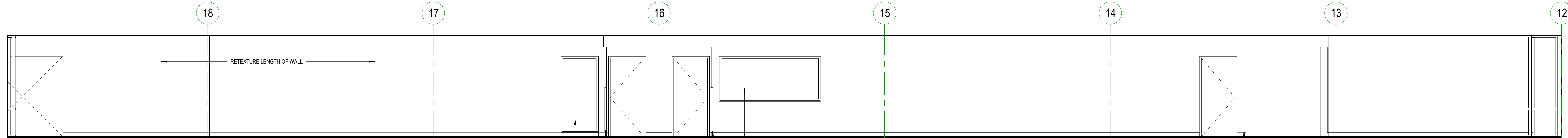
**3** | 100 - VESTIBULE - SOUTH  
A6.30 1/4" = 1'-0"



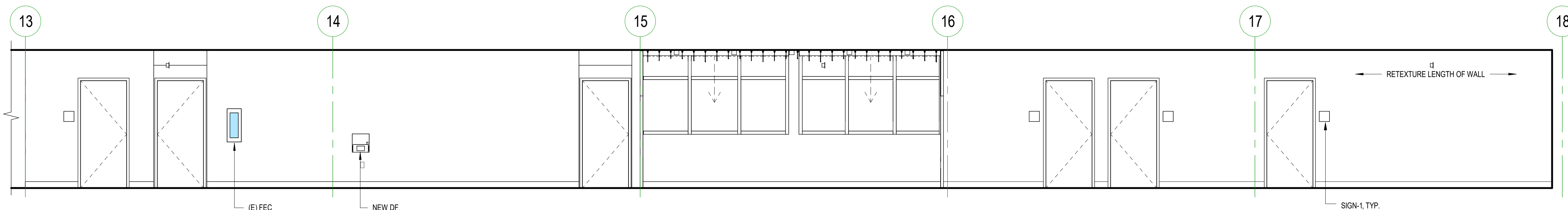
**2** | 100 - VESTIBULE - NORTHWEST  
A6.30 1/4" = 1'-0"



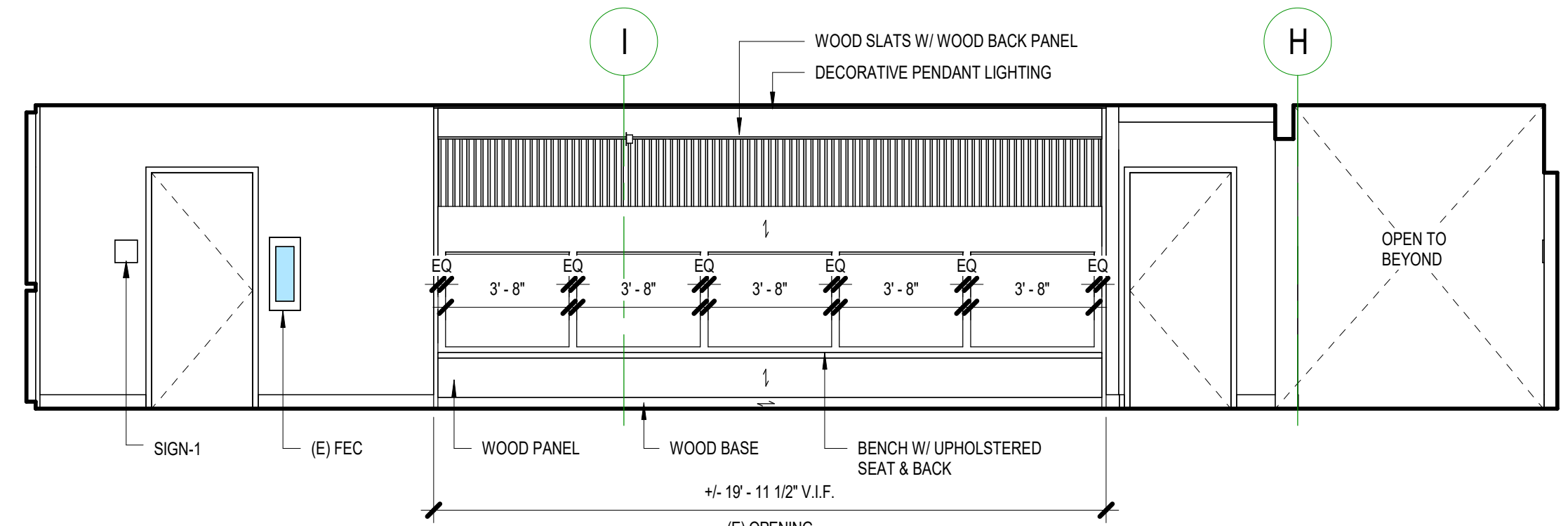
**1** | 100 - VESTIBULE - EAST  
A6.30 1/4" = 1'-0"



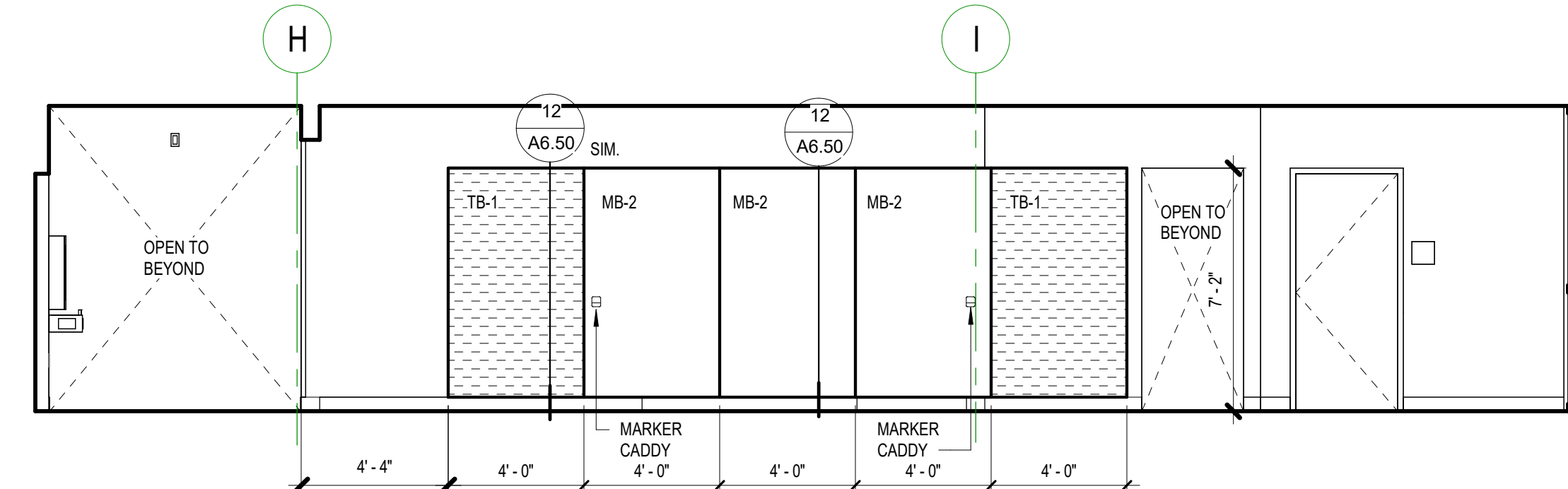
**4** | 101 - HALL - EAST  
A6.30 1/4" = 1'-0"



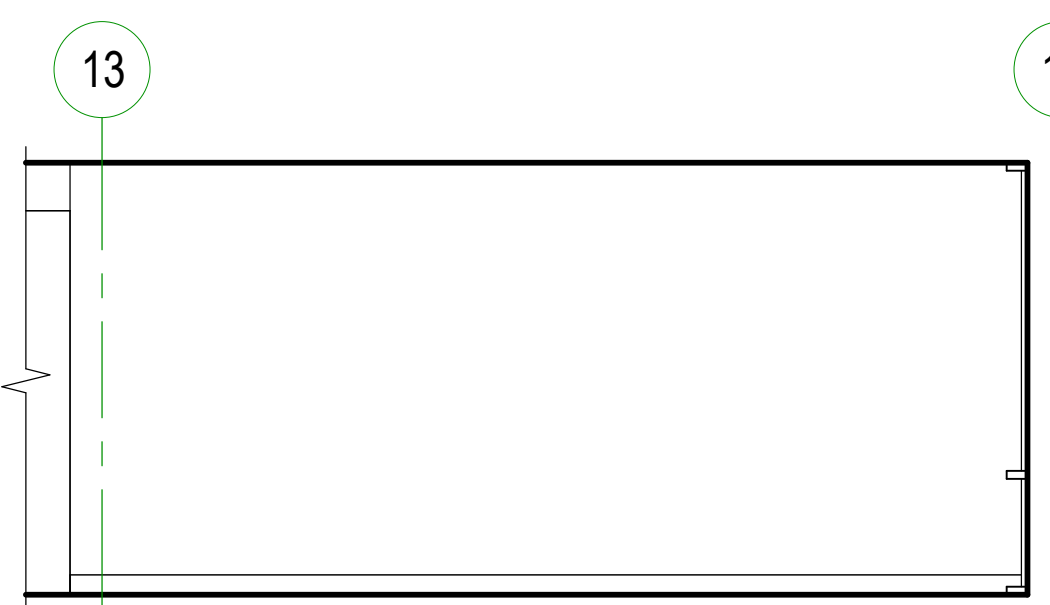
**5** | 101 - HALL - WEST  
A6.30 1/4" = 1'-0"



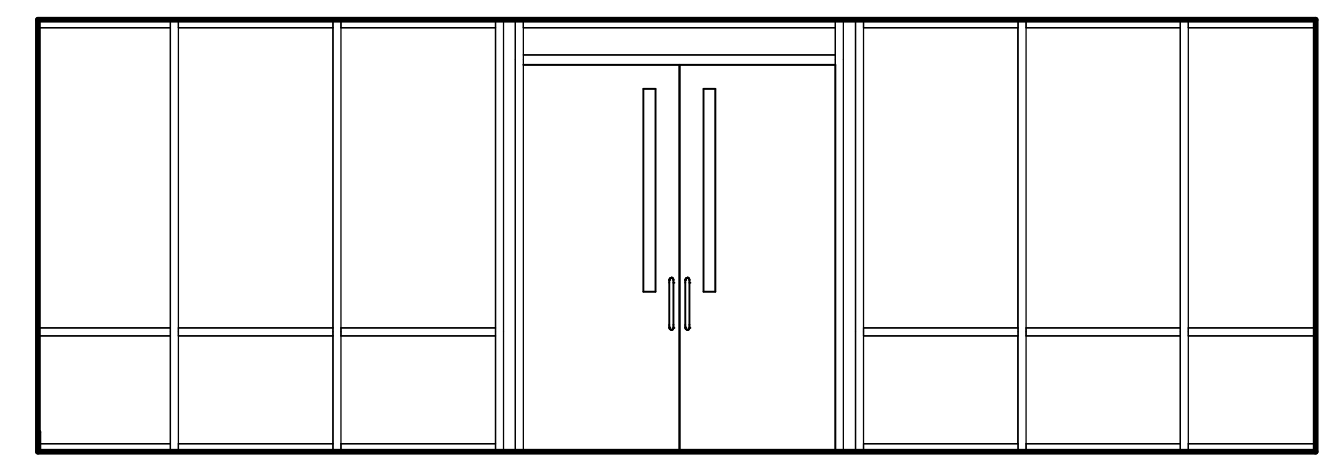
**7** | 102 - HALL - SOUTH  
A6.30 1/4" = 1'-0"



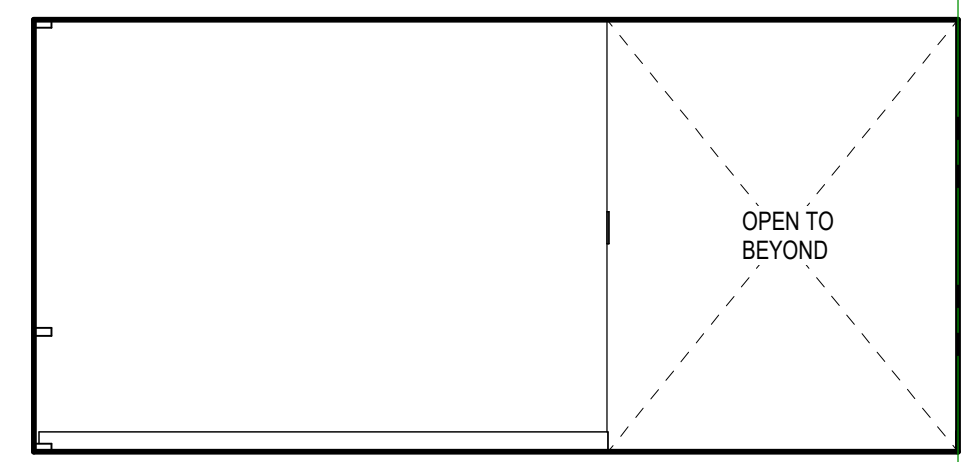
**6** | 102 - HALL - NORTH  
A6.30 1/4" = 1'-0"



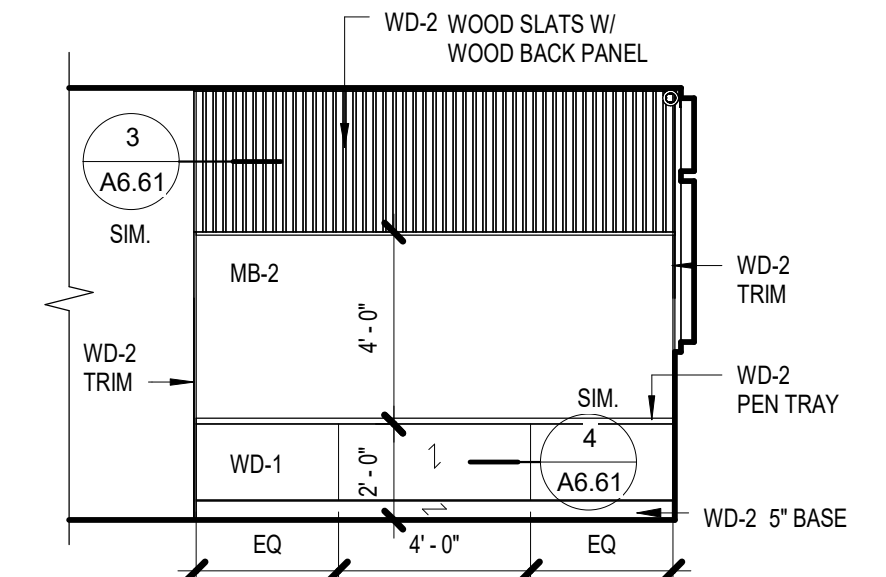
**10** | 103 - VESTIBULE - EAST  
A6.30 1/4" = 1'-0"



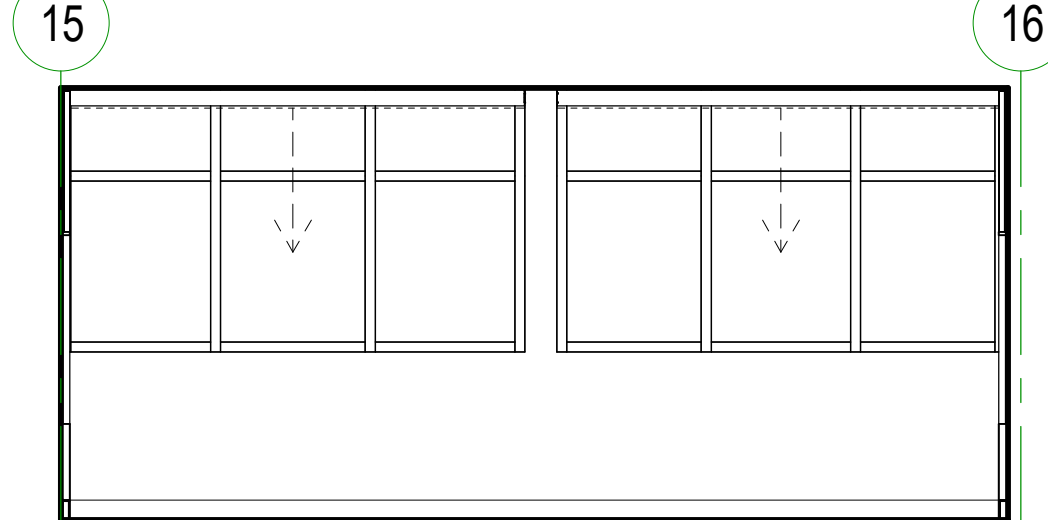
**9** | 103 - VESTIBULE - SOUTHWEST  
A6.30 1/4" = 1'-0"



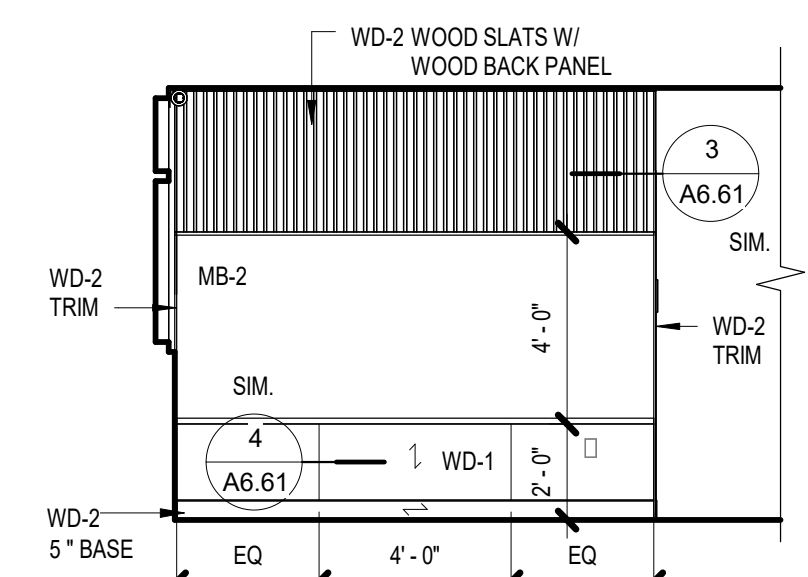
**8** | 103 - VESTIBULE - NORTH  
A6.30 1/4" = 1'-0"



**13** | 114 - LOUNGE - SOUTH  
A6.30 1/4" = 1'-0"



**12** | 114 - LOUNGE - WEST  
A6.30 1/4" = 1'-0"



**11** | 114 - LOUNGE - NORTH  
A6.30 1/4" = 1'-0"

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Revisions to Sheet

No.	Revision	Date

Status: **Permit and Bid Documents**

Date: **March 3, 2023**

Sheet Title:  
**INTERIOR ELEVATIONS**

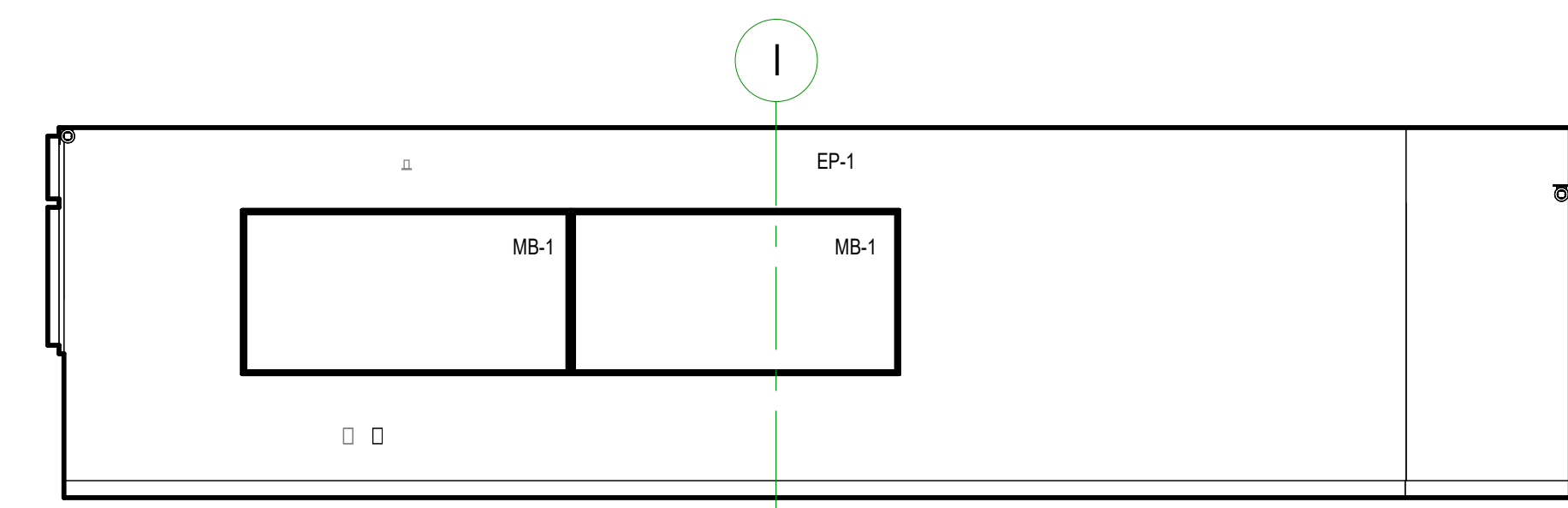
Sheet No.

**A6.30**

Job No.

**4859-01**

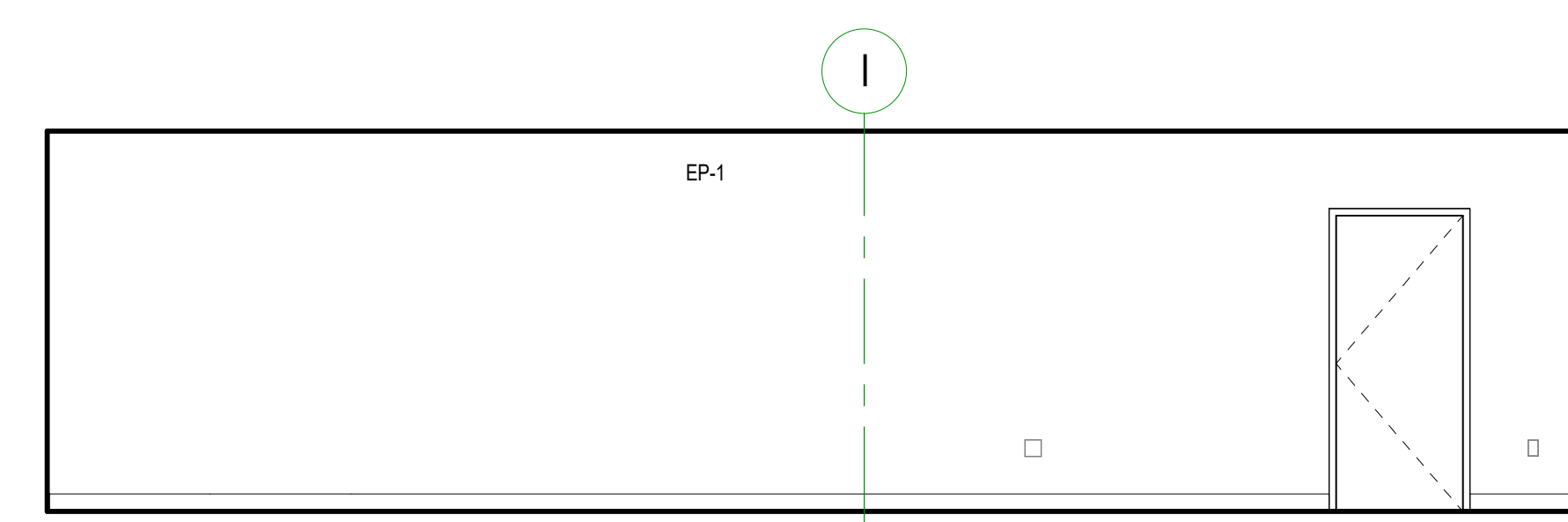
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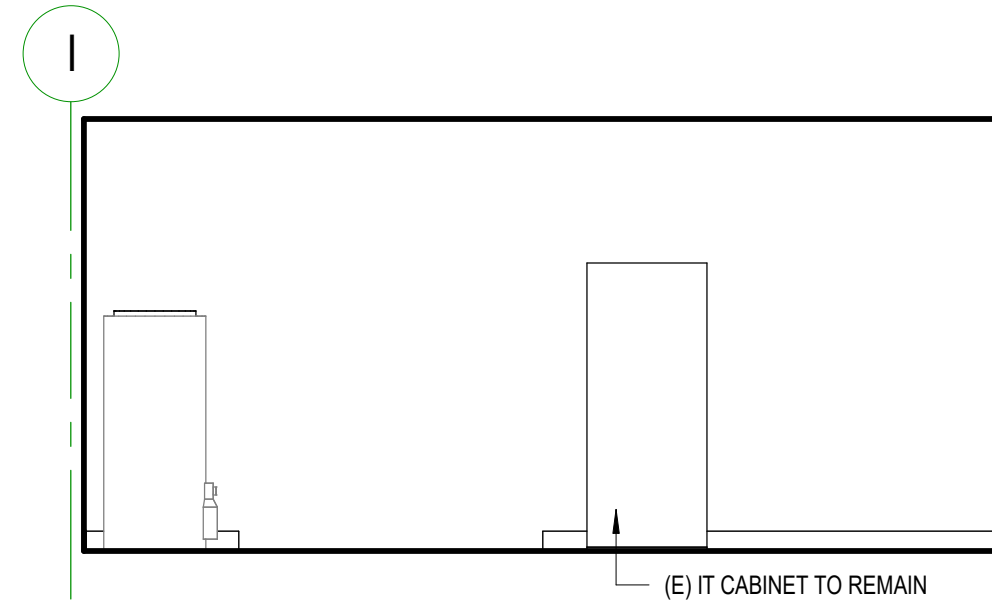
**3 | 105 - PARAMEDICINE CLASSROOM - SOUTH**  
A6.31 1/4" = 1'-0"



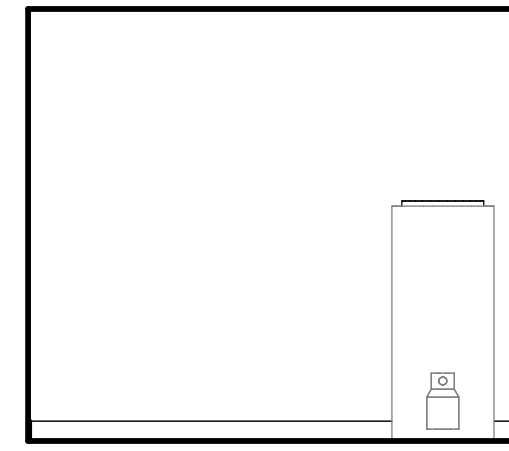
**2 | 105 - PARAMEDICINE CLASSROOM - EAST**  
A6.31 1/4" = 1'-0"



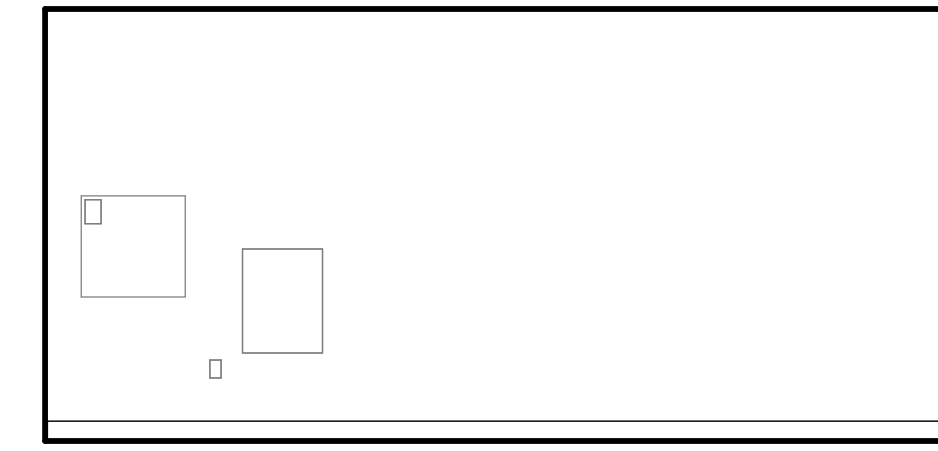
**1 | 105 - PARAMEDICINE CLASSROOM - NORTH**  
A6.31 1/4" = 1'-0"



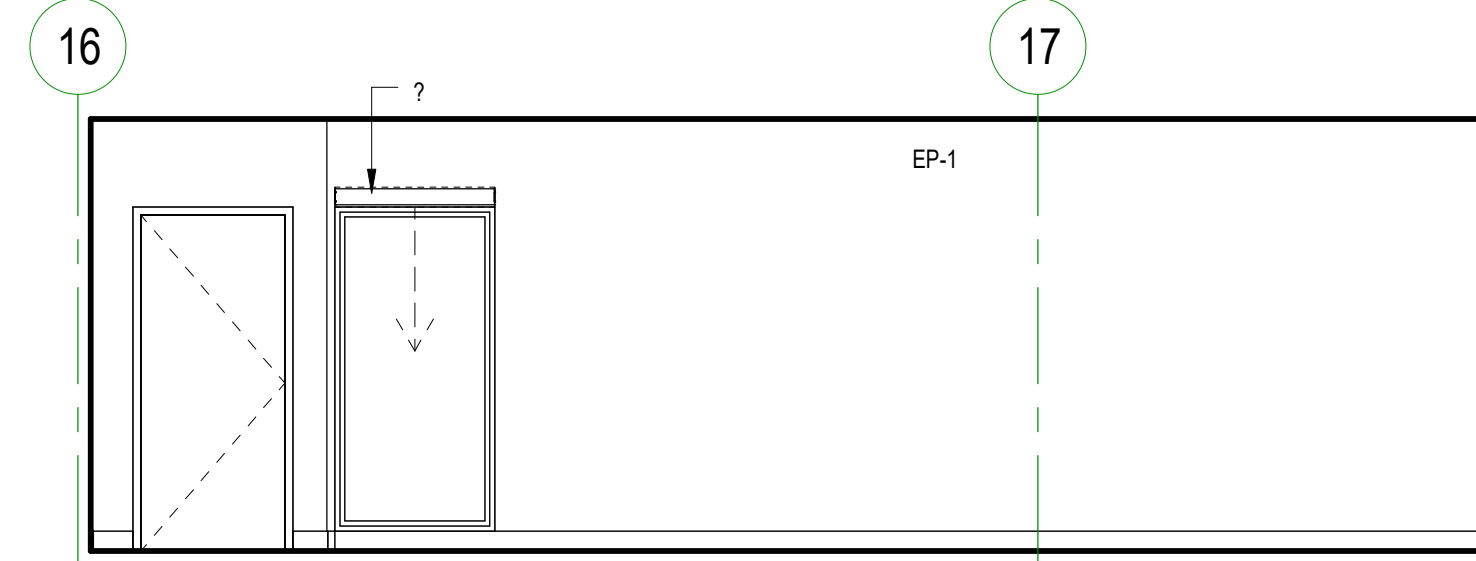
**7 | 107 - BUILDING SUPPORT - SOUTH**  
A6.31 1/4" = 1'-0"



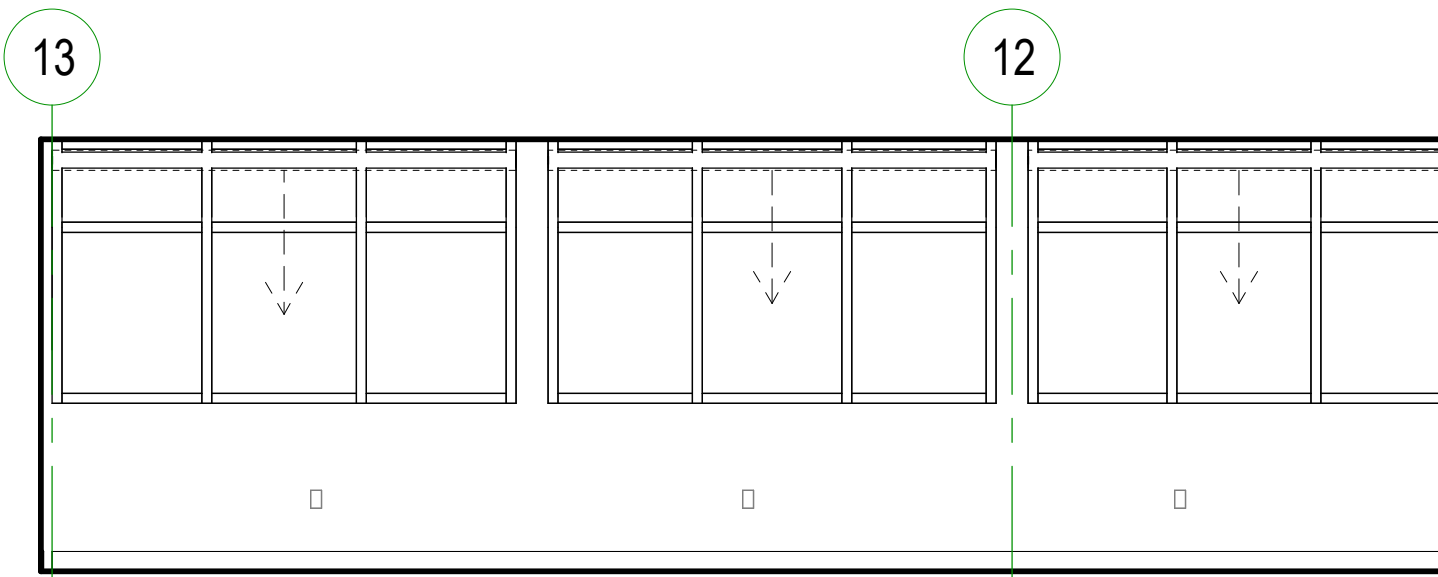
**6 | 107 - BUILDING SUPPORT - EAST**  
A6.31 1/4" = 1'-0"



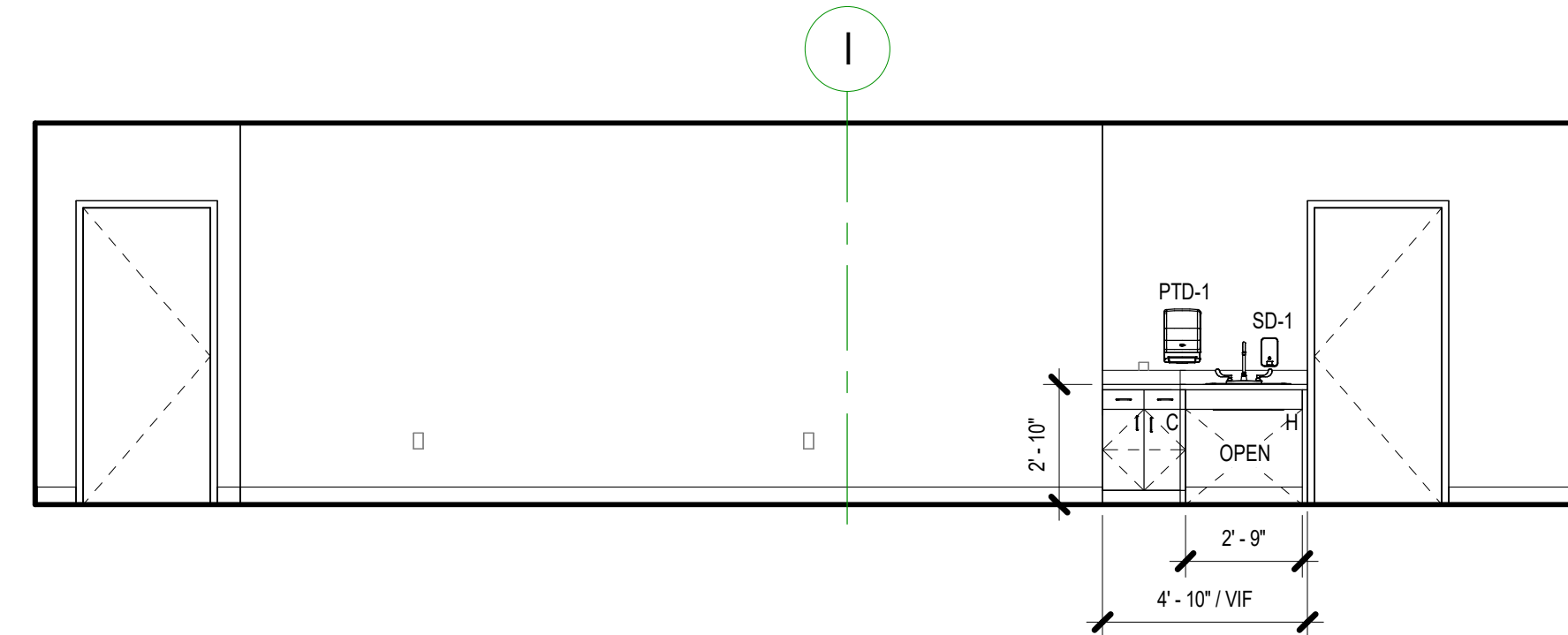
**5 | 107 - BUILDING SUPPORT - NORTH**  
A6.31 1/4" = 1'-0"



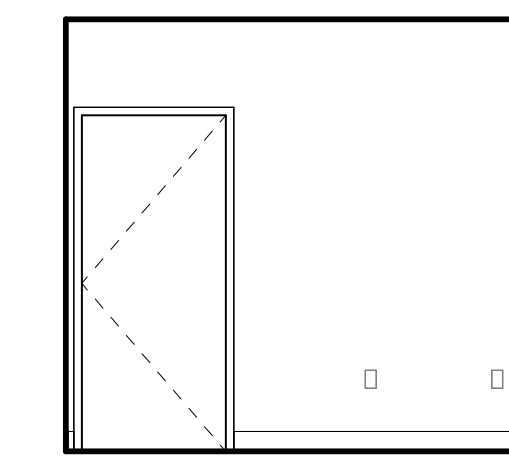
**4 | 105 - PARAMEDICINE CLASSROOM - WEST**  
A6.31 1/4" = 1'-0"



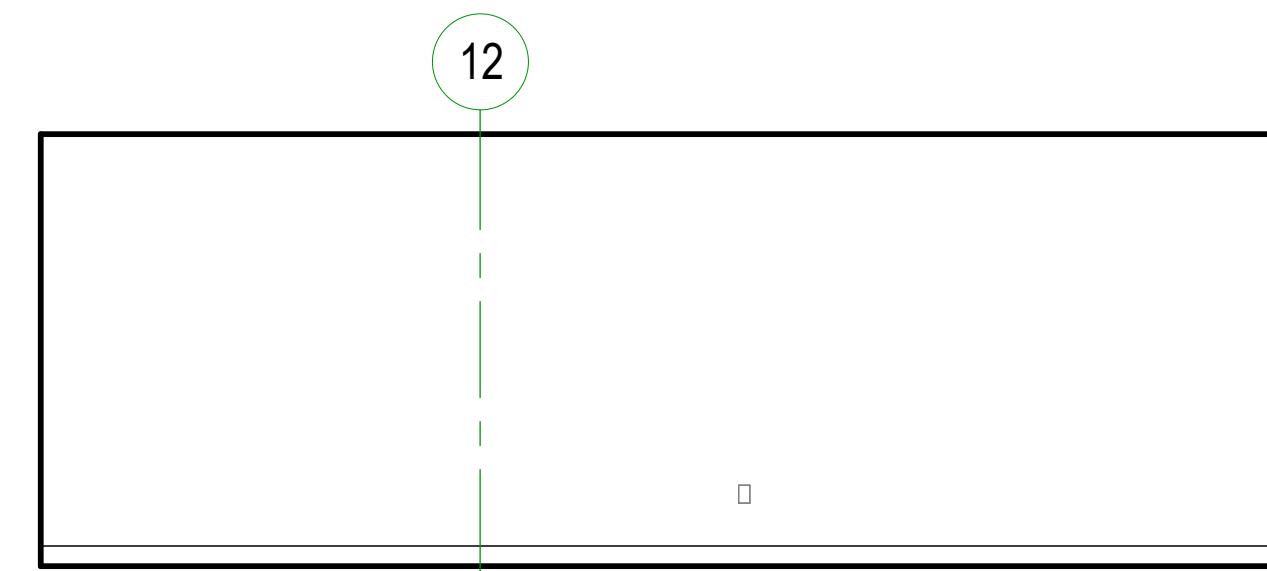
**10 | 110 - CLASSROOM - EAST**  
A6.31 1/4" = 1'-0"



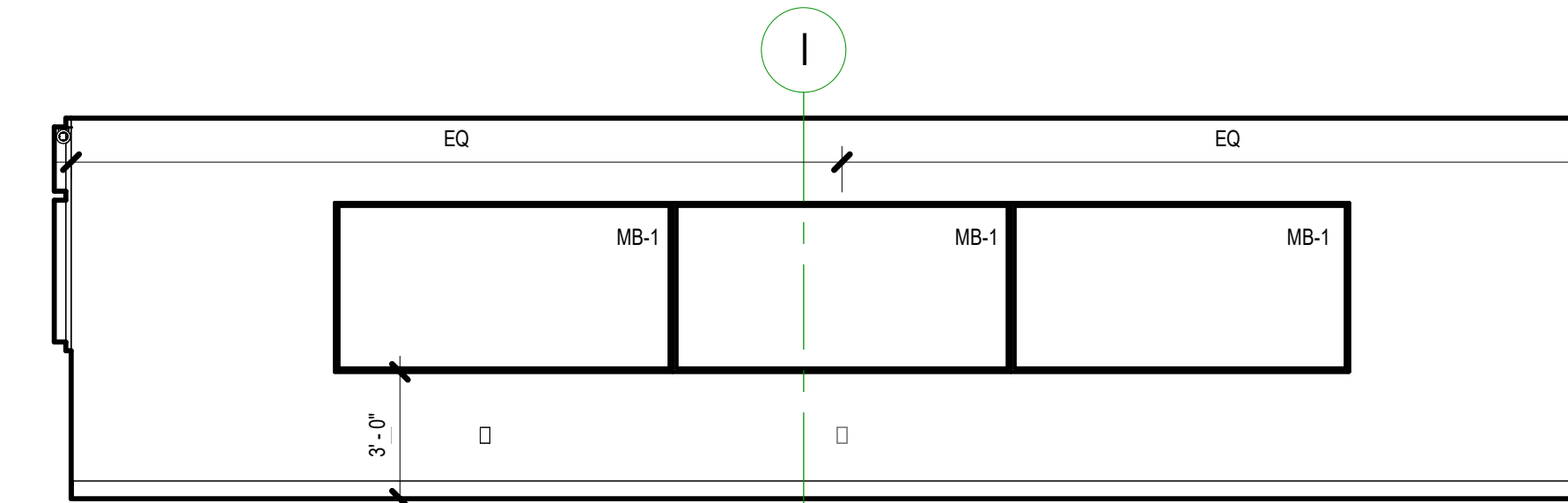
**9 | 110 - CLASSROOM - NORTH**  
A6.31 1/4" = 1'-0"



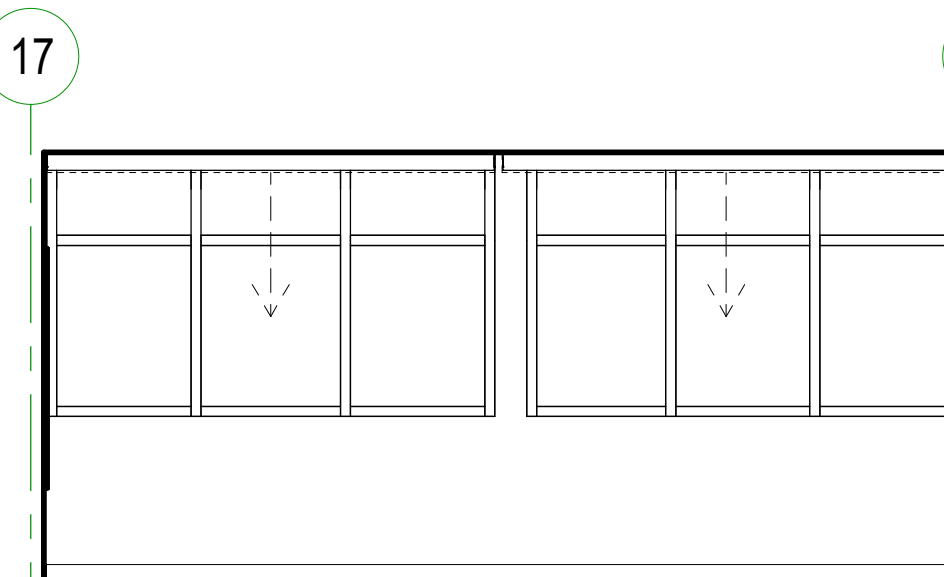
**8 | 107 - BUILDING SUPPORT - WEST**  
A6.31 1/4" = 1'-0"



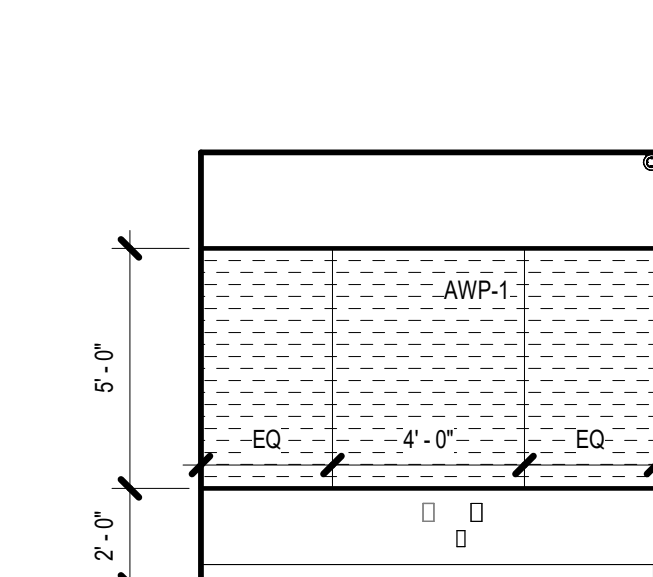
**12 | 110 - CLASSROOM - WEST**  
A6.31 1/4" = 1'-0"



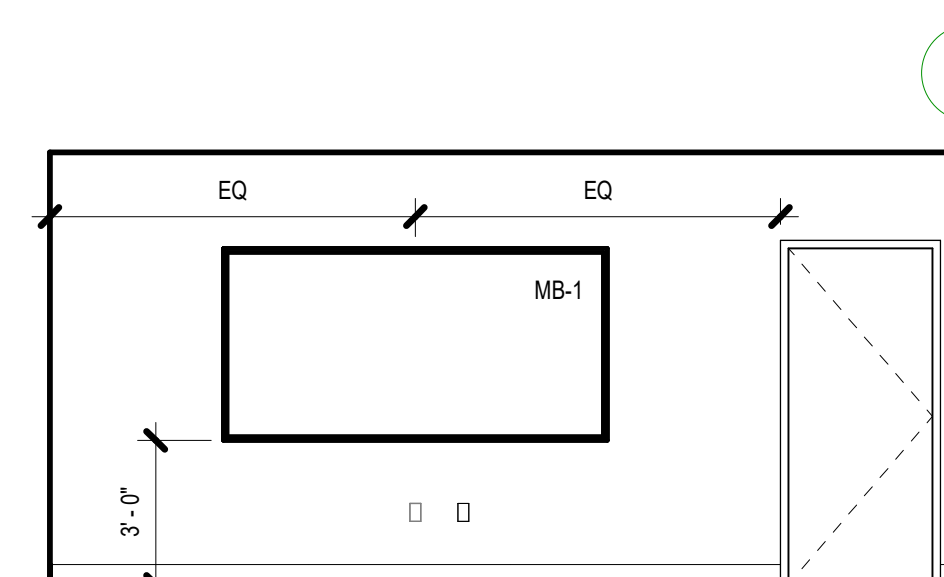
**11 | 110 - CLASSROOM - SOUTH**  
A6.31 1/4" = 1'-0"



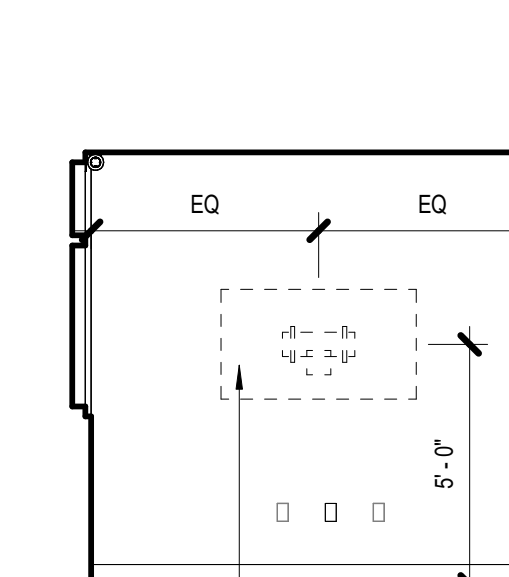
**16 | 117 - DEBRIEF - WEST**  
A6.31 1/4" = 1'-0"



**15 | 117 - DEBRIEF - SOUTH**  
A6.31 1/4" = 1'-0"



**14 | 117 - DEBRIEF - EAST**  
A6.31 1/4" = 1'-0"



**13 | 117 - DEBRIEF - NORTH**  
A6.31 1/4" = 1'-0"

**INTERIOR ELEVATIONS SHEET NOTES**

1. REFERENCE A0.00 FOR MATERIAL KEY
2. REFERENCE A0.20 FOR ROOM FINISH SCHEDULE
3. REFERENCE A0.01 FOR INTERIOR FRAME TYPES
4. CASEWORK FINISH SCHEDULED IN ROOM FINISH SCHEDULE
5. REFERENCE REFLECTED CEILING PLAN FOR WINDOW COVERINGS
6. REFER TO A0.10 FOR TYPICAL MOUNTING HEIGHT REQUIREMENTS

**opsis**

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opsisarch.com



Project Owner:  
**SWOCC**

Project Name:  
**Summer Hall**

Project Address:  
**1888 Newmark Avenue,  
Coos Bay, OR 97420**

Key Plan

1/3/2023

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Revisions to Sheet	No.	Revision	Date

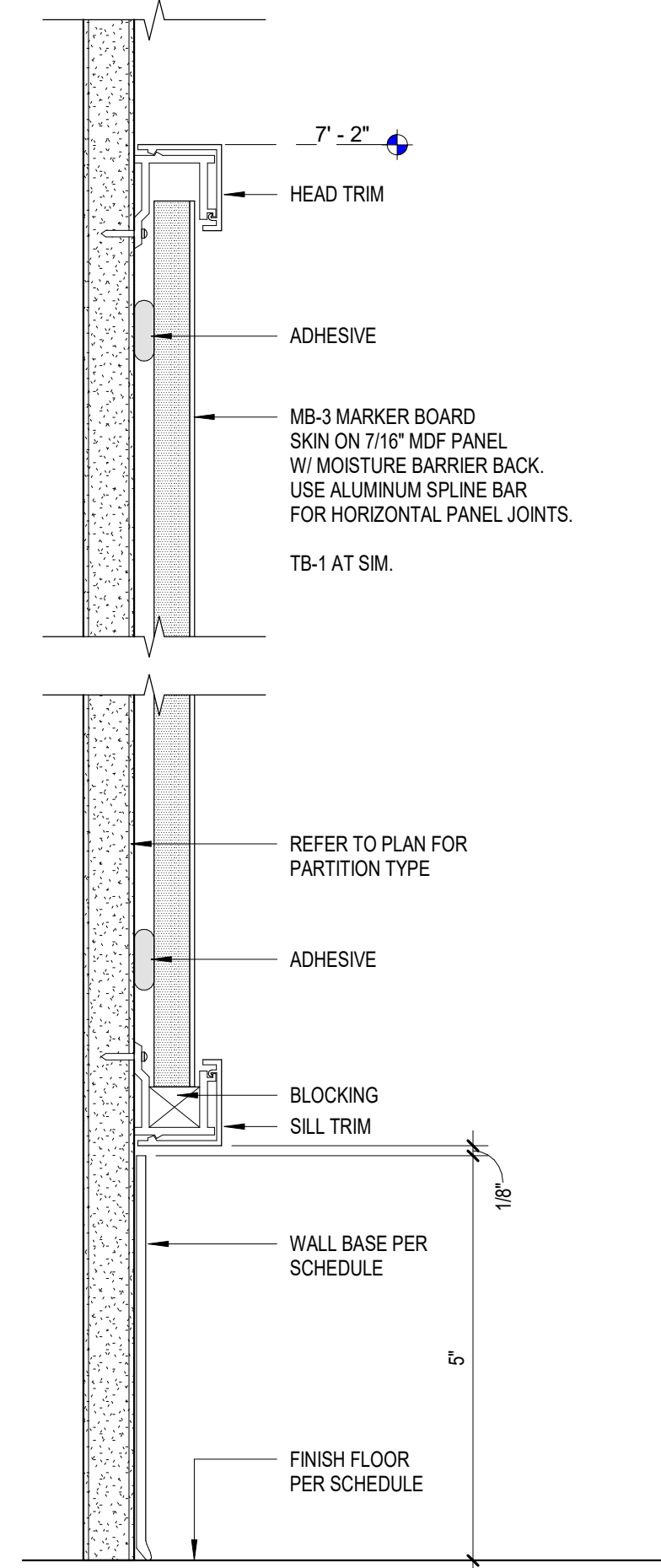
Status: **Permit and Bid Documents**

Date: **March 3, 2023**

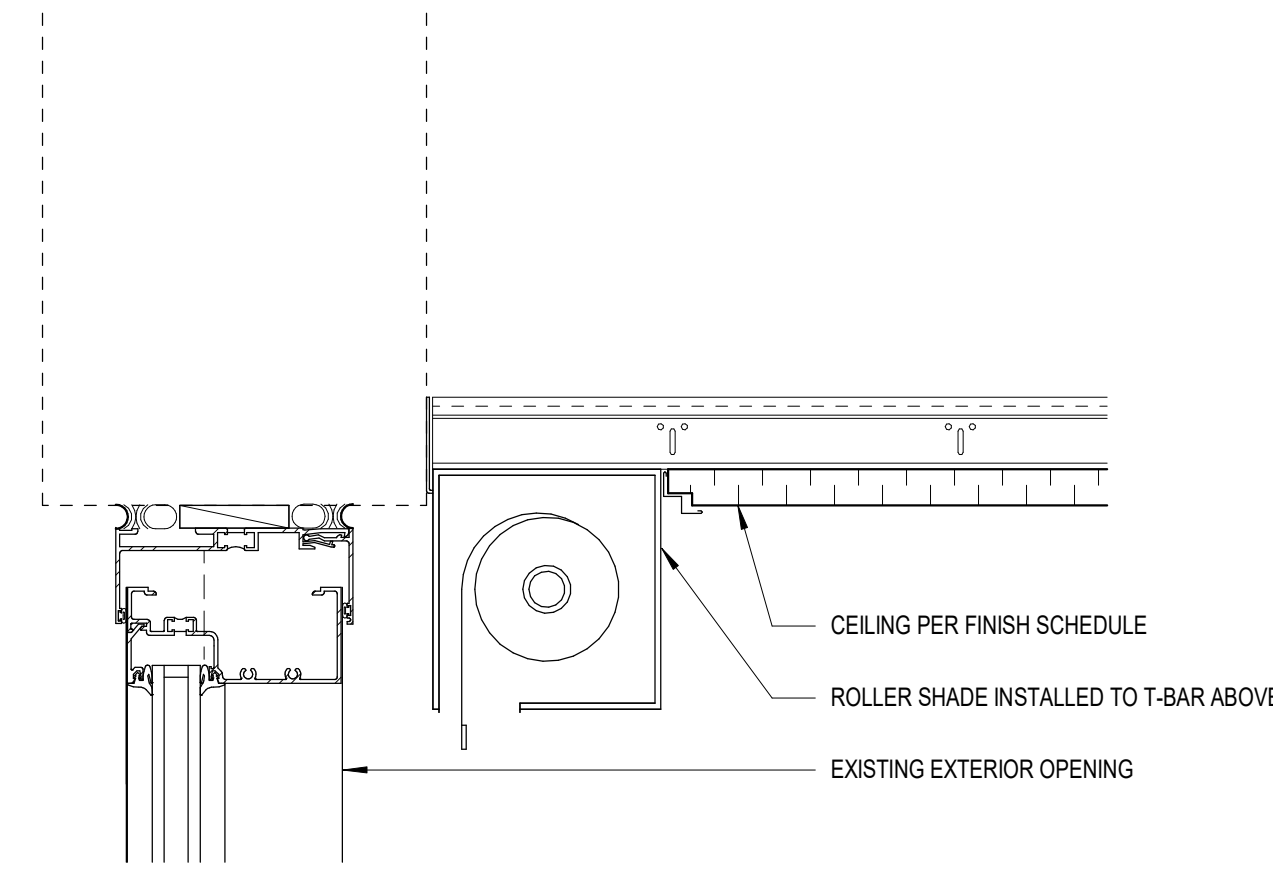
Sheet Title:  
**INTERIOR ELEVATIONS**

Sheet No.:  
**A6.31**

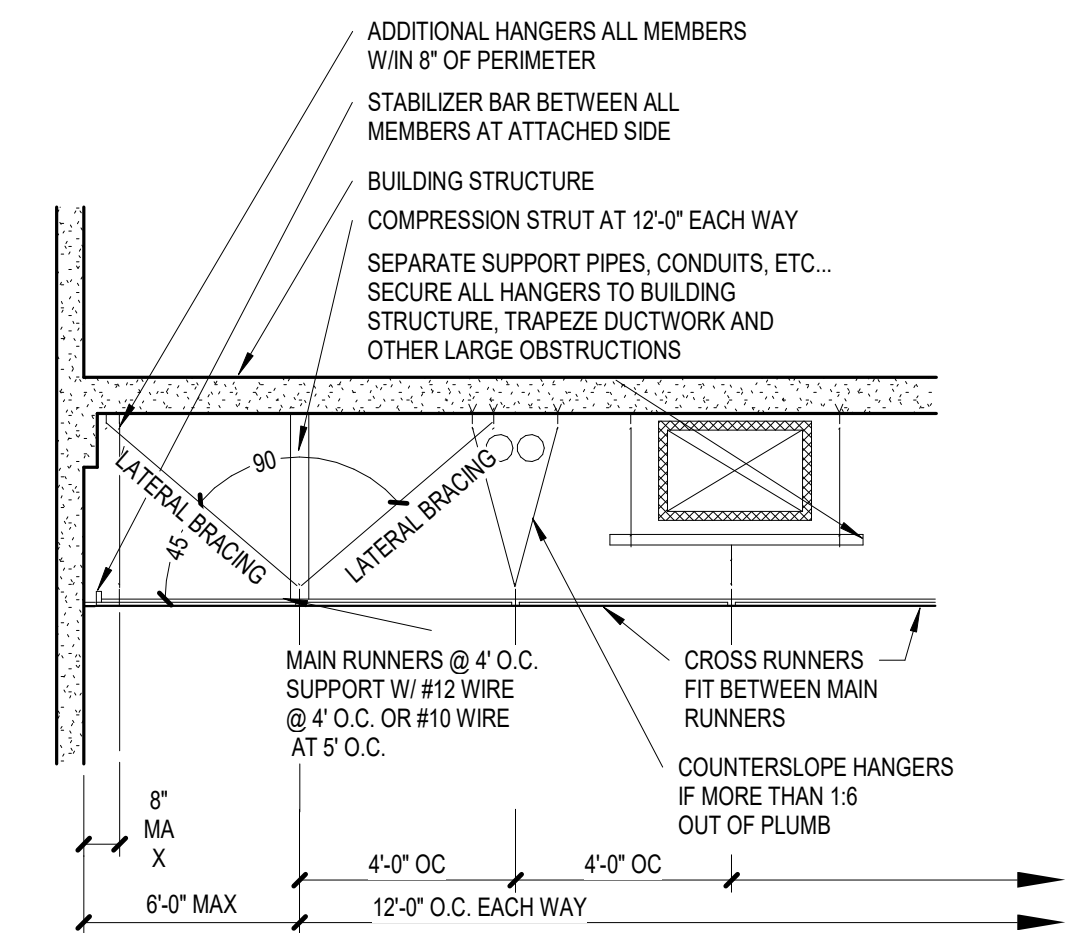
Job No.:  
**4859-01**



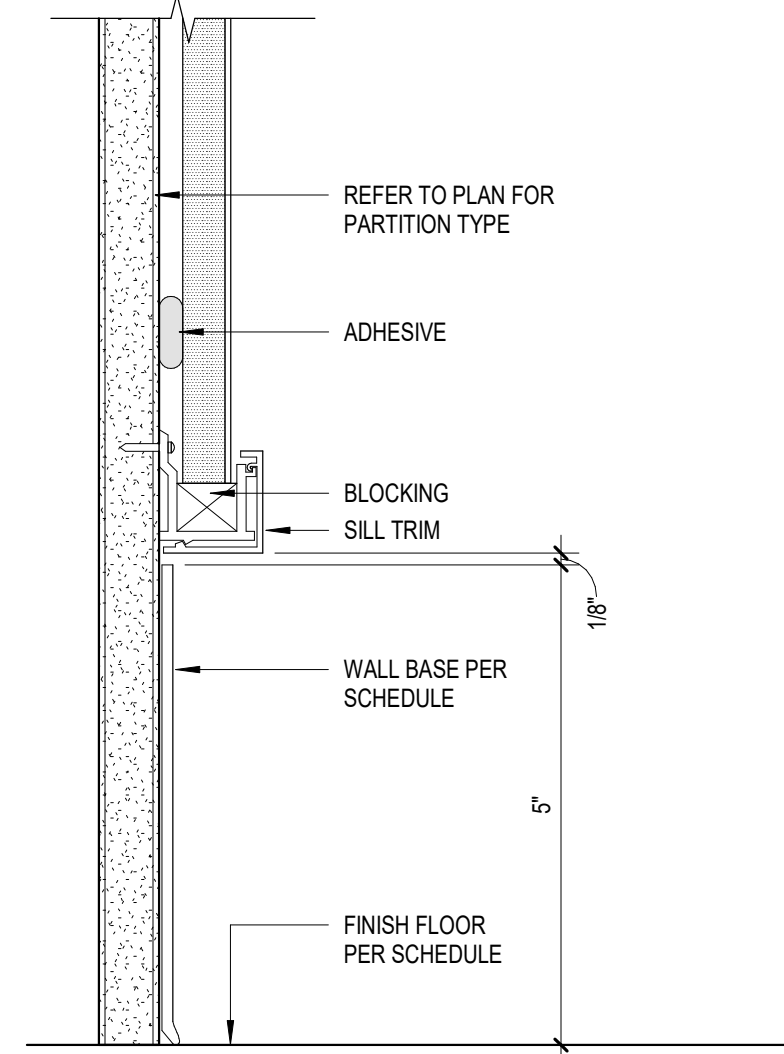
**9 | ROLLER SHADE AT SUSPENDED CEILING**  
A6.50 3" = 1'-0"



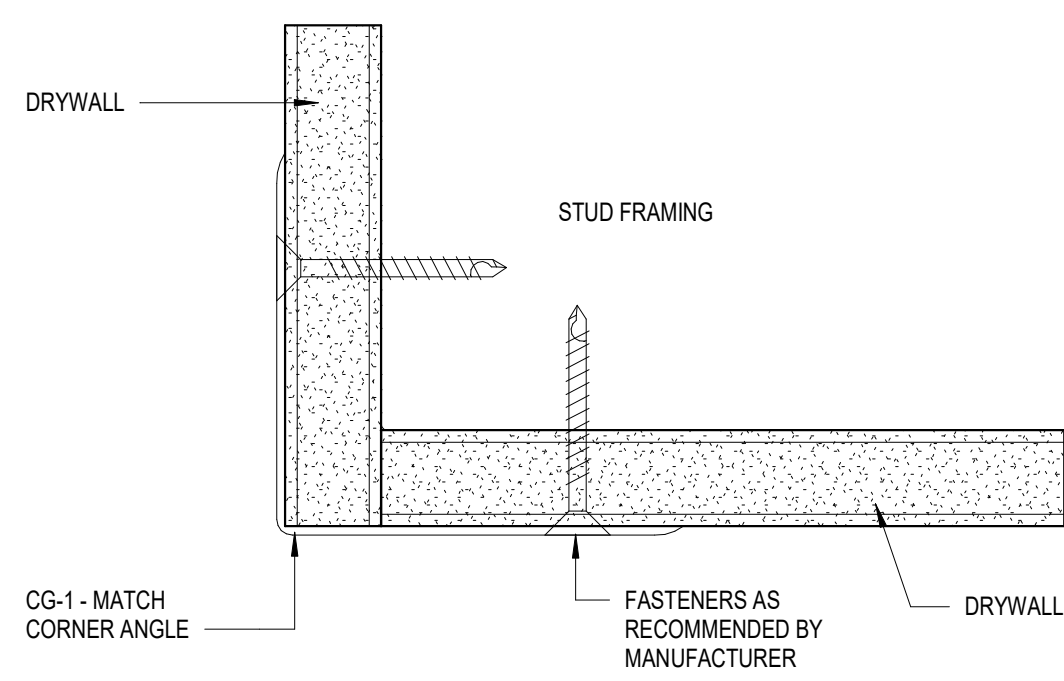
**5 | WOOD WALL PANEL AT CEILING**  
A6.50 3" = 1'-0"



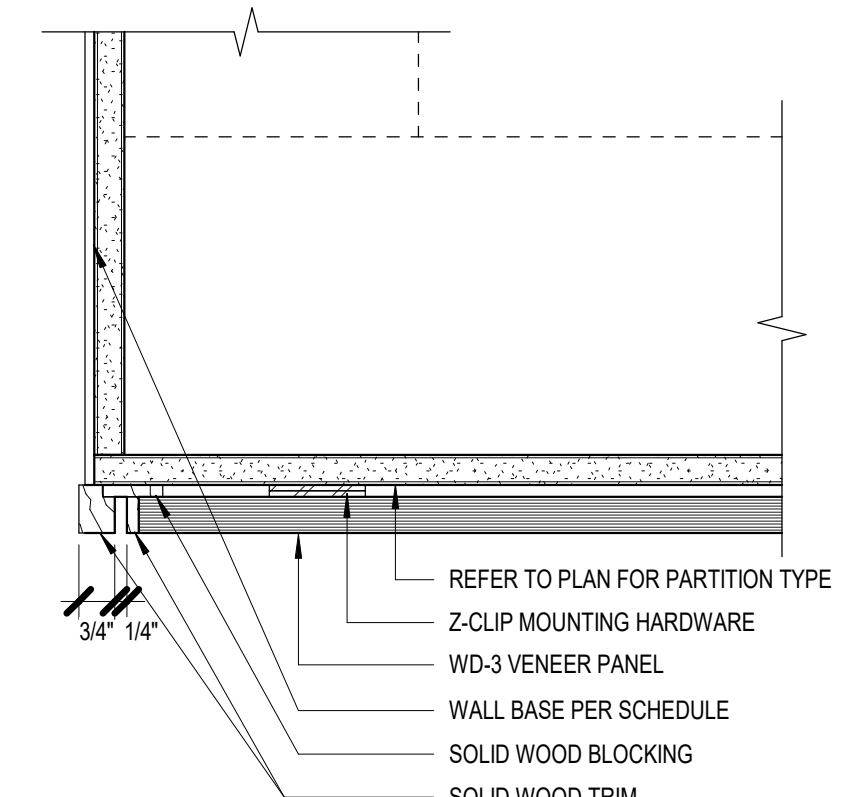
**1 | TYP. SUSPENDED CEILING BRACING**  
A6.50 3" = 1'-0"



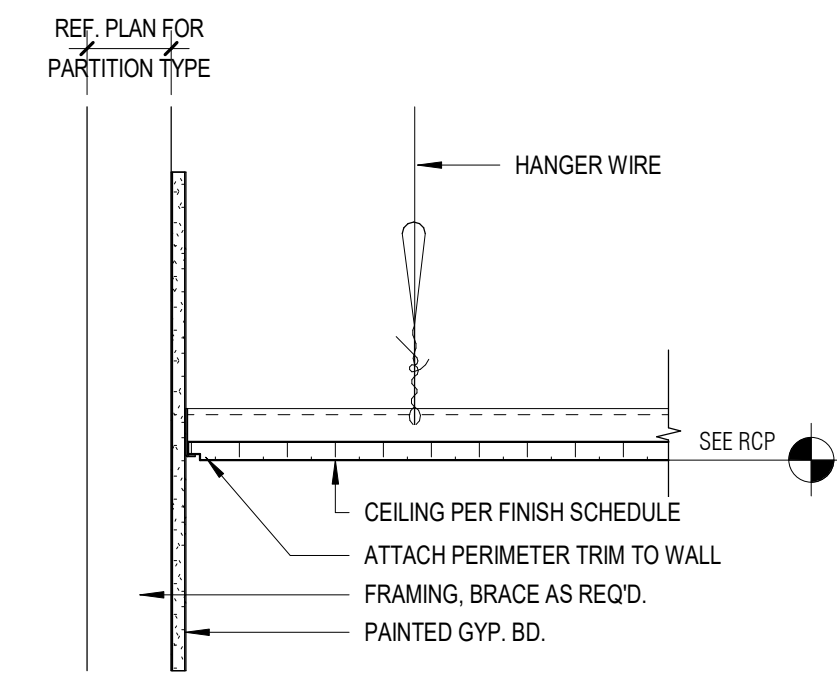
**12 | MARKER WALL**  
A6.50 6" = 1'-0"



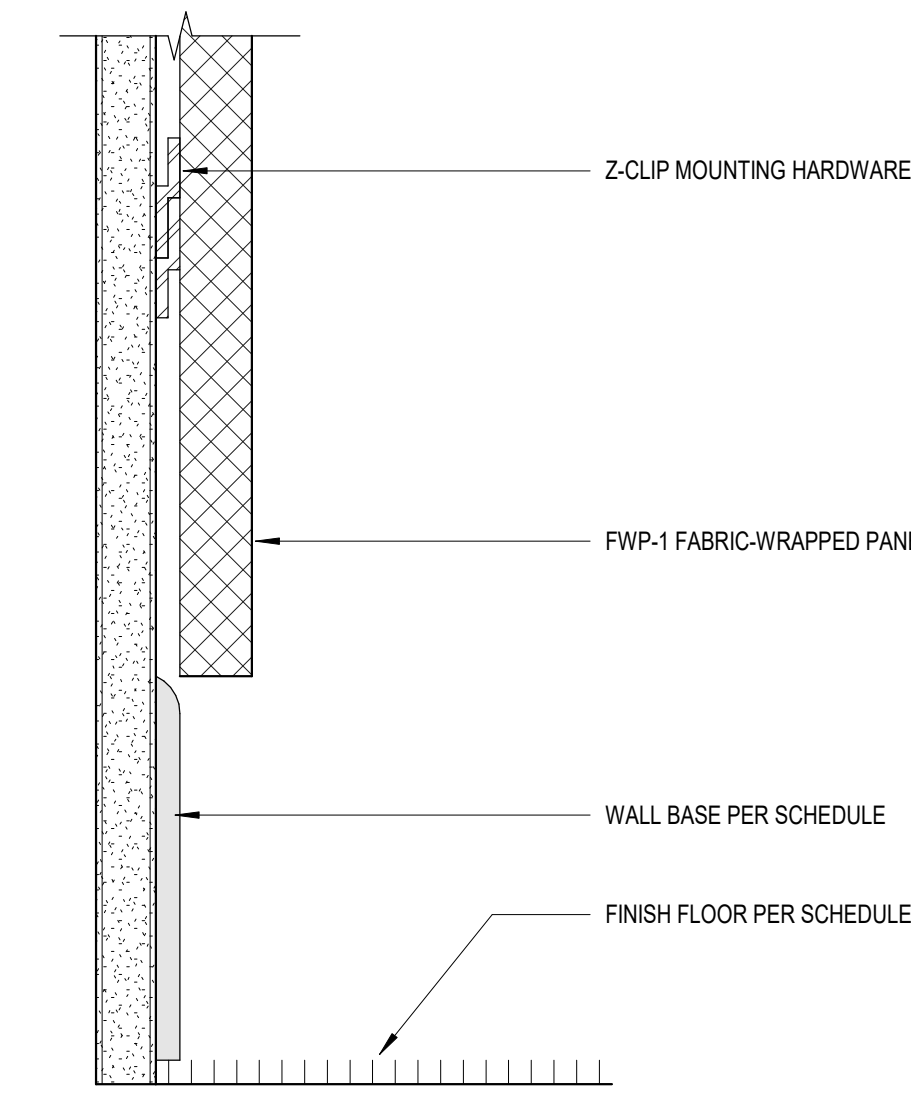
**10 | CORNER GUARD**  
A6.50 12" = 1'-0"



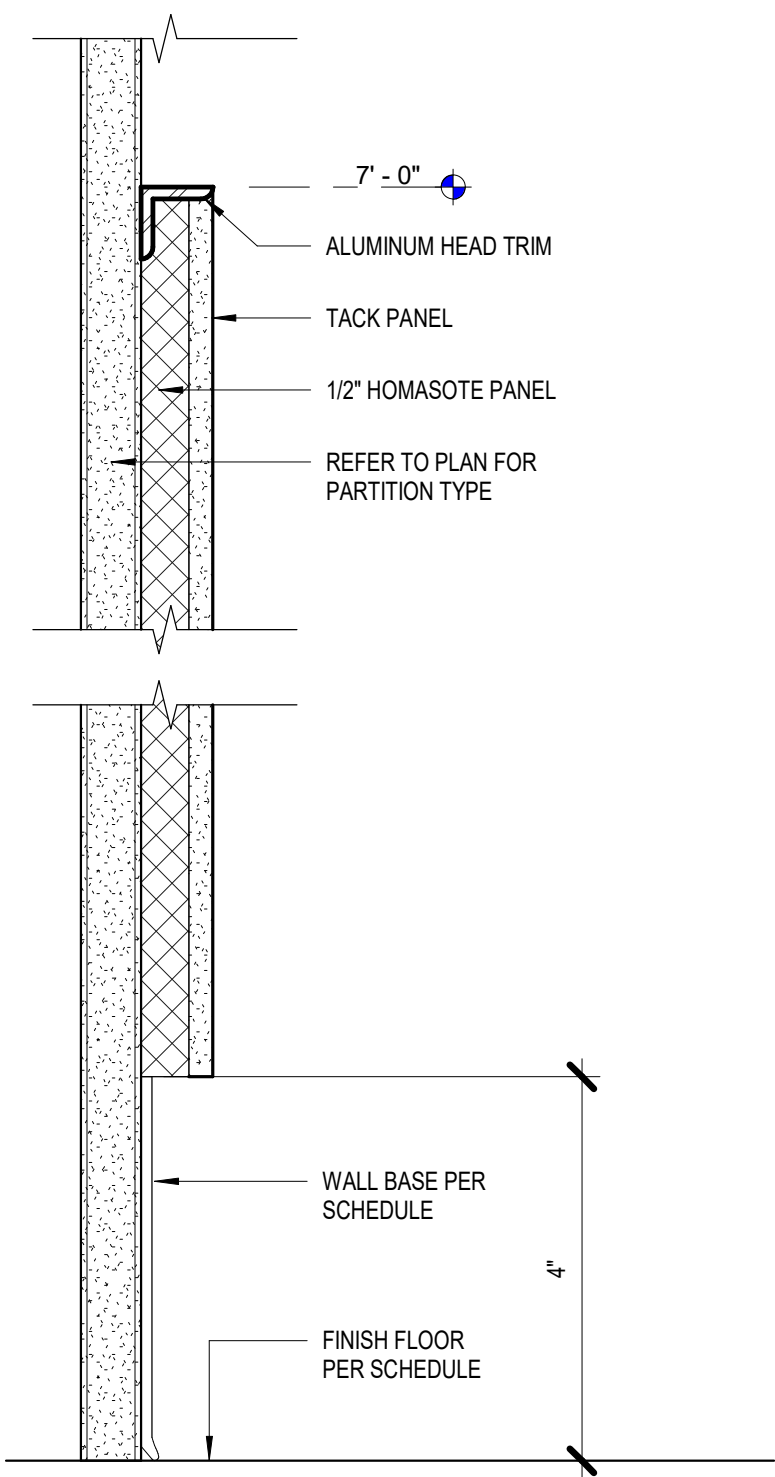
**6 | WOOD WALL PANEL - OUTSIDE CORNER**  
A6.50 3" = 1'-0"



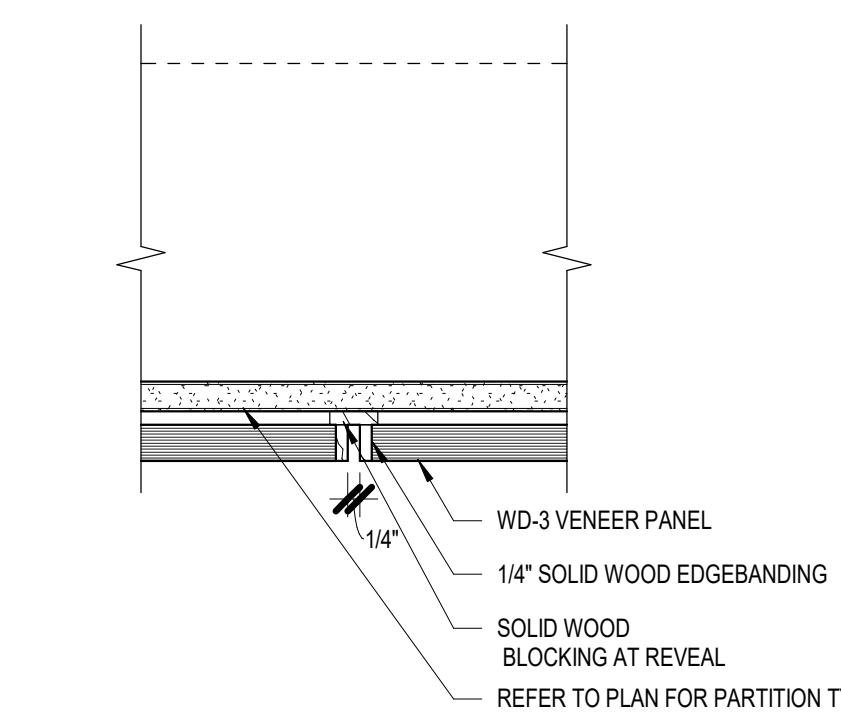
**2 | TYP ACT CEILING EDGE**  
A6.50 1 1/2" = 1'-0"



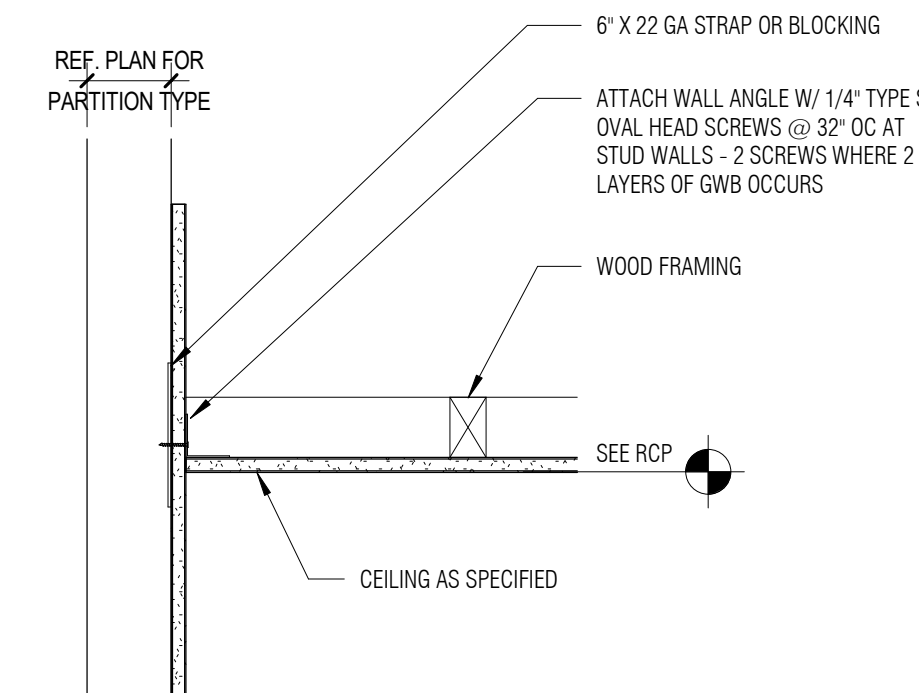
**13 | ACOUSTIC WALL PANEL**  
A6.50 6" = 1'-0"



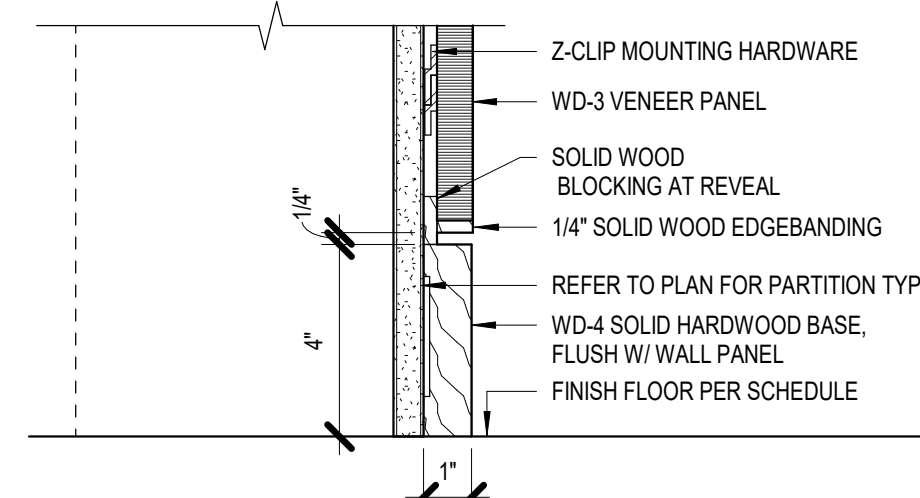
**11 | TACK BOARD**  
A6.50 6" = 1'-0"



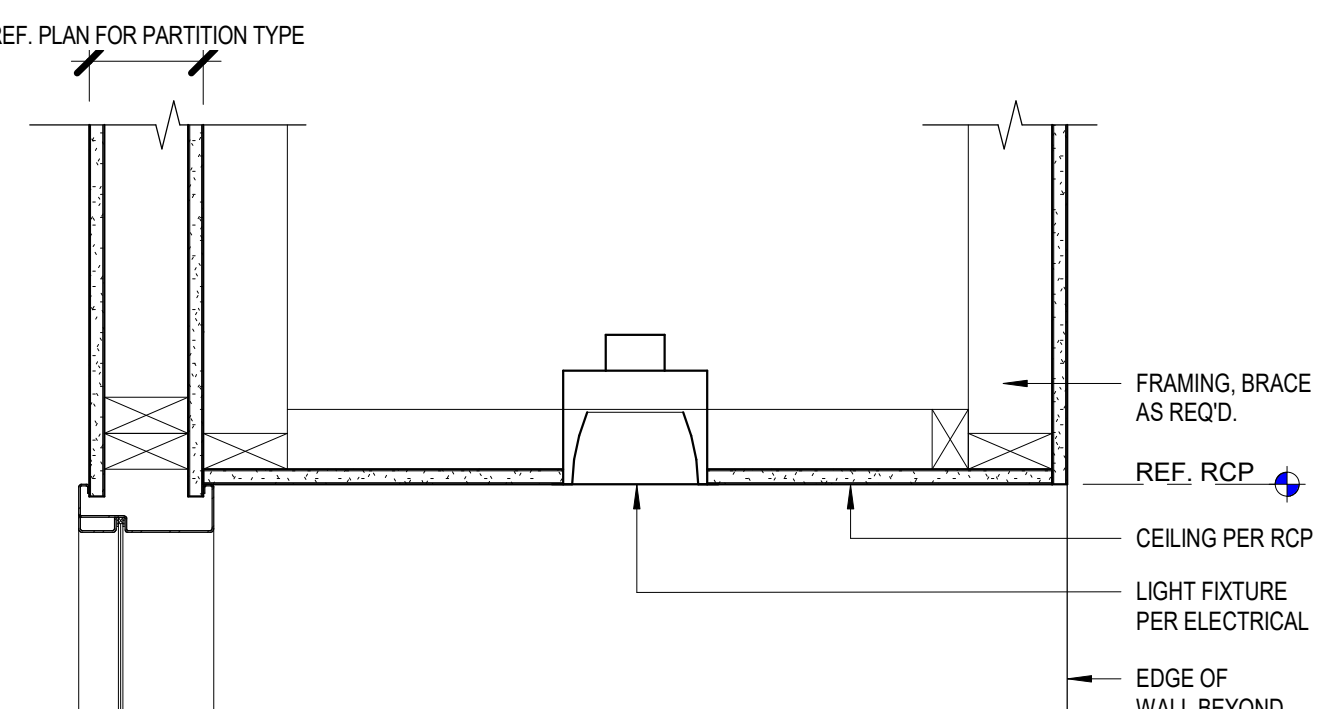
**7 | REVEAL AT WOOD WALL PANEL**  
A6.50 3" = 1'-0"



**3 | TYP GYP CEILING EDGE**  
A6.50 1 1/2" = 1'-0"



**8 | WOOD BASE AT WALL PANEL**  
A6.50 3" = 1'-0"



**4 | GYP. SOFFIT**  
A6.50 1 1/2" = 1'-0"

10/19/2021

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Revisions to Sheet

No.	Revision	Date

Status: **Permit and Bid Documents**

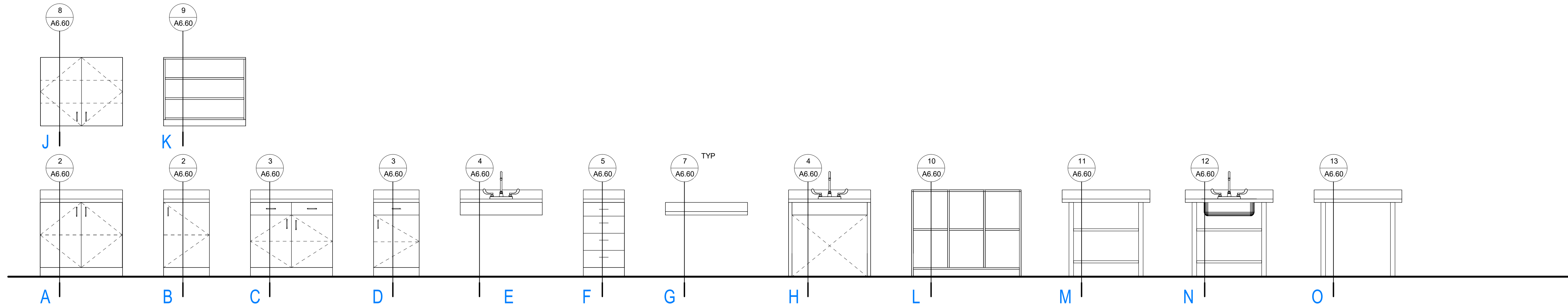
Date: **March 3, 2023**

Sheet Title: **INTERIOR DETAILS**

Sheet No. **A6.50**

Job No. **4859-01**





**SHEET NOTES - CASEWORK**

- SEE INTERIOR ELEVATIONS AND CABINET CONFIGURATION TAGS FOR TYPICAL CABINET TYPE INFORMATION.
- NON-TYPICAL CASEWORK IS INDICATED ON INTERIOR ELEVATIONS.
- COORDINATE CASEWORK FINISHES AND MATERIALS WITH ROOM FINISH SCHEDULE.
- PROVIDE BACKSPLASH AND BACKSPLASH RETURNS AT SEE WALL TYP.
- PROVIDE 1" FILLER PANEL AT PERPENDICULAR SIDE WALLS, AND 2" FILLER PANELS AT INSIDE CORNERS, UNLESS COORDINATE GROMMET LOCATIONS WITH OWNER/ARCHITECT.
- WALL FINISH TO CONTINUE BEHIND ALL CABINETS, COUNTERTOPS, BRACKETS, SHELVING, AND ALL WALL MOUNTED ITEMS.
- FLOORING AND BASE TO BE CONTINUOUS UNDER AND BEHIND CABINETS, COUNTERTOPS, AND ALL FLOOR MOUNTED ITEMS.
- FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION.



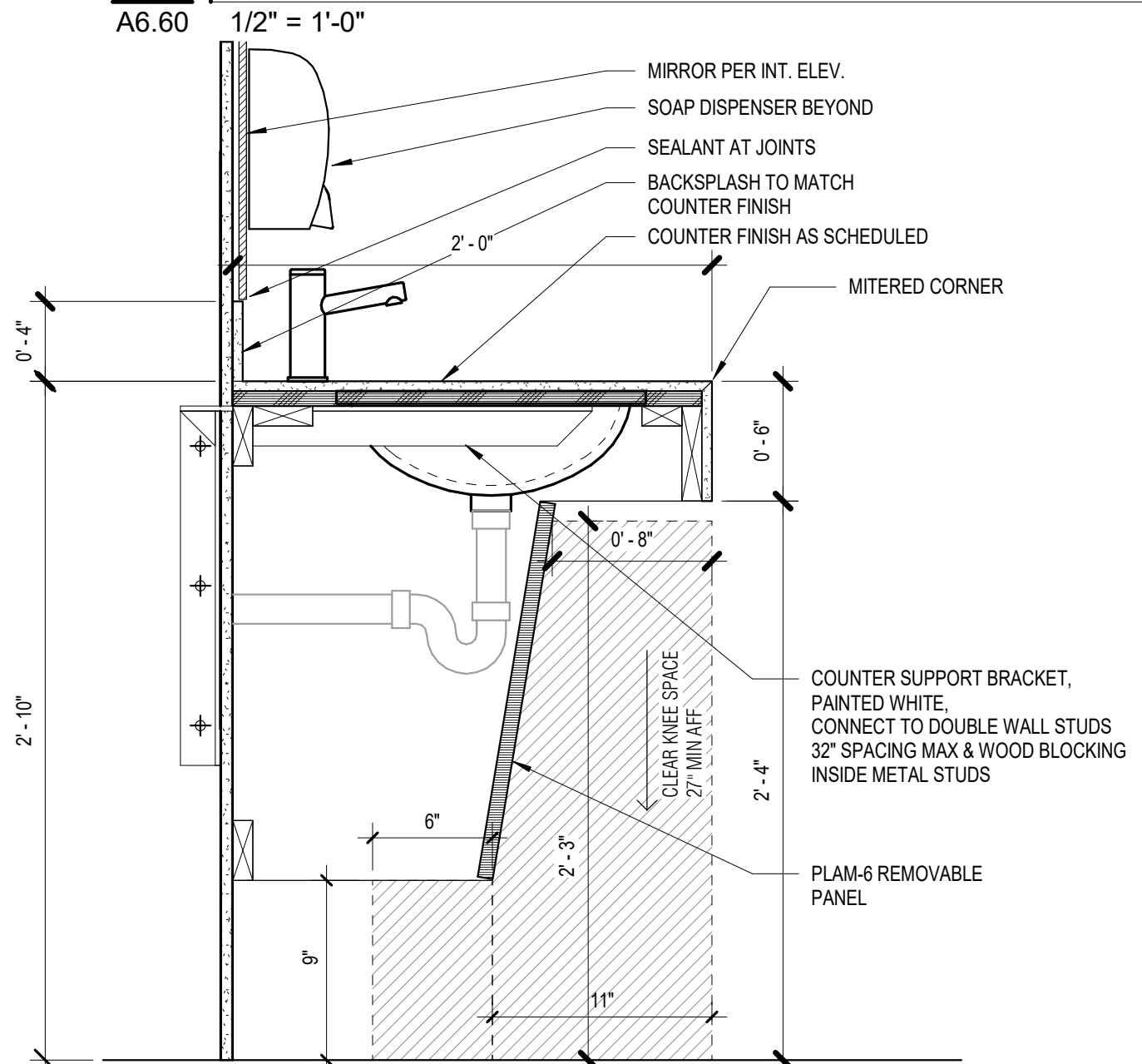
Project Owner:  
**SWOCC**

Project Name:  
**Summer Hall**

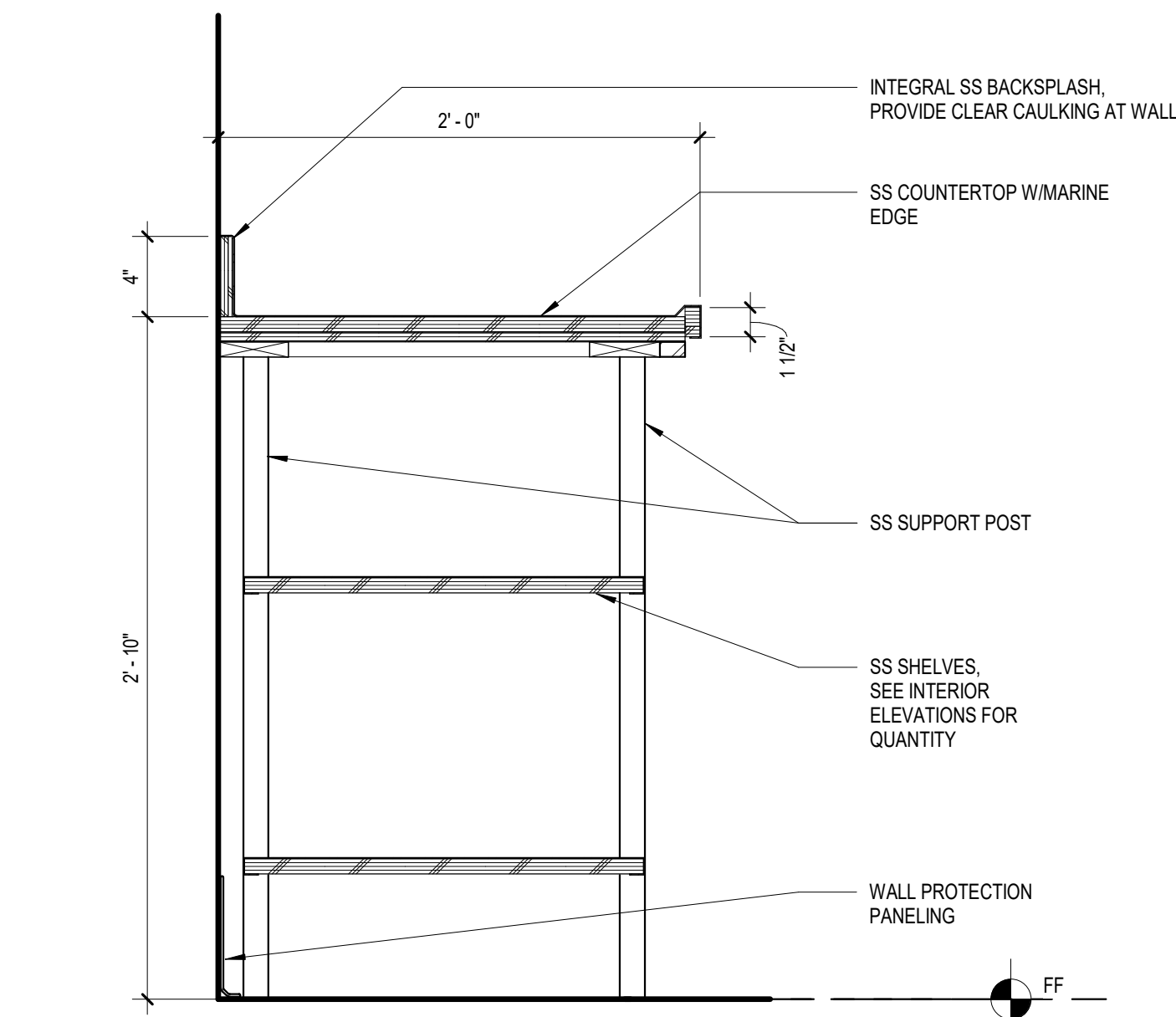
Project Address:  
**1888 Newmark Avenue,  
Coos Bay, OR 97420**

Key Plan

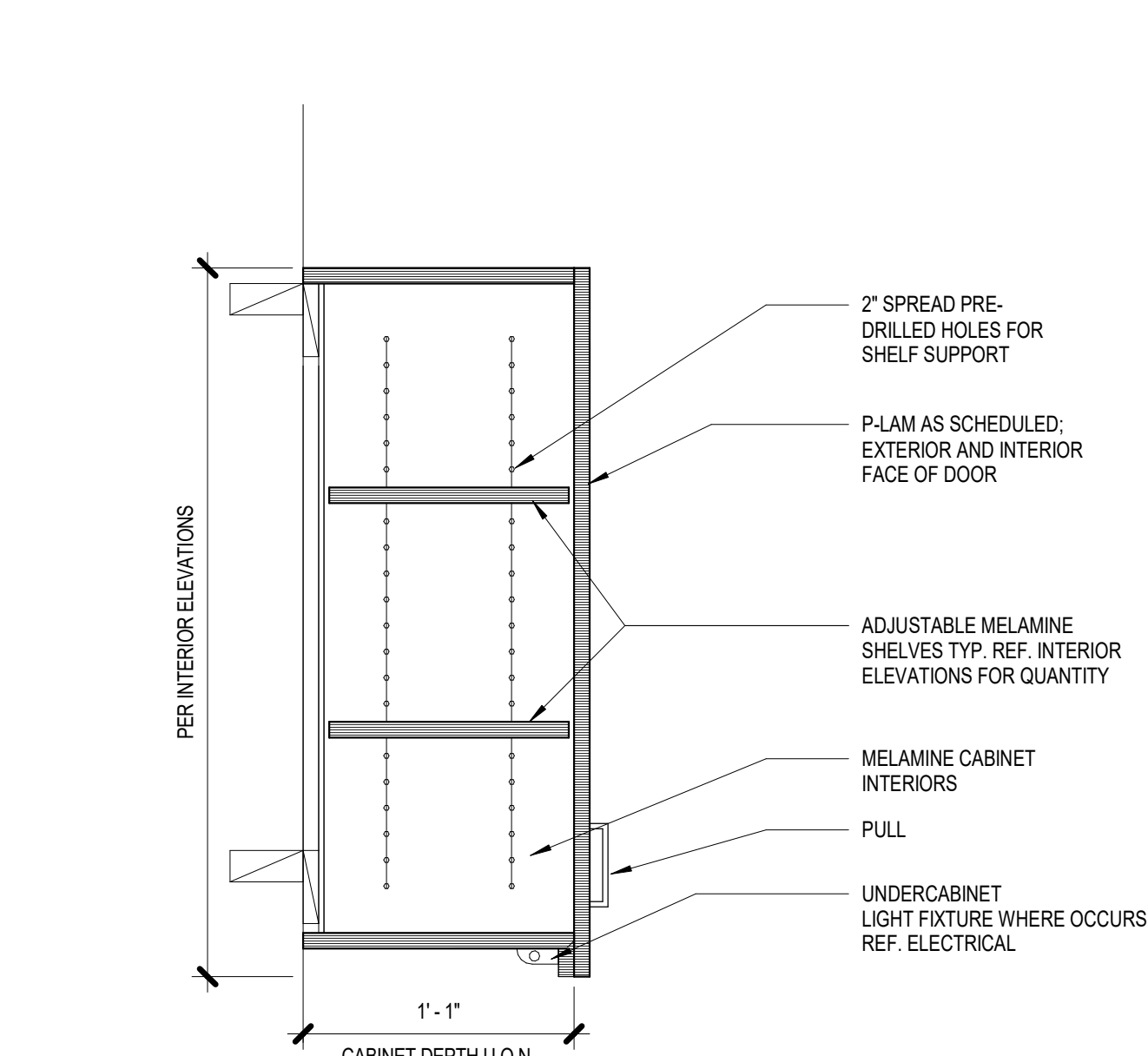
**1 | STANDARD CASEWORK**



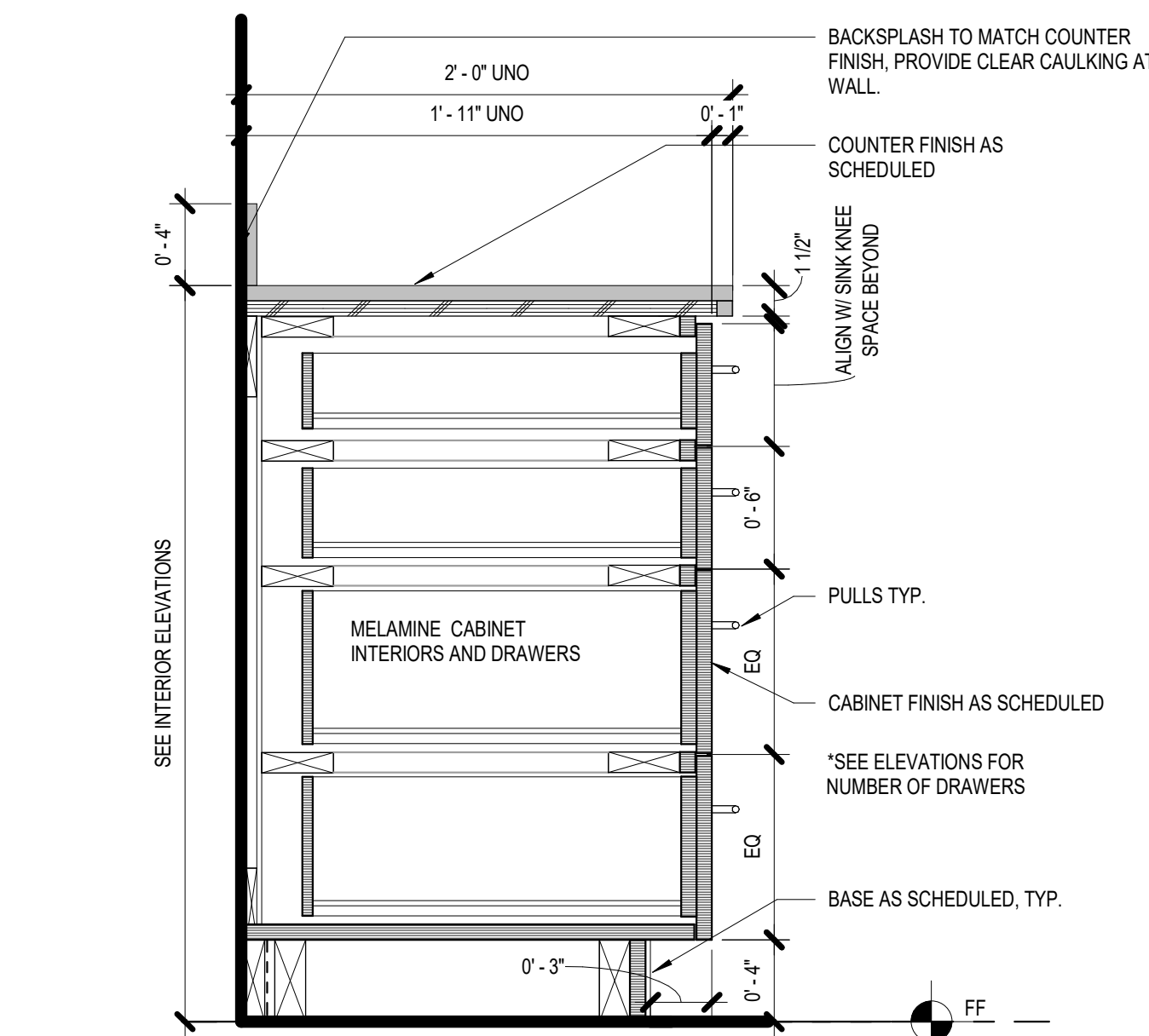
**14 | VANITY W/ SINK**  
A6.60 1 1/2" = 1'-0"  
**RESTROOMS**



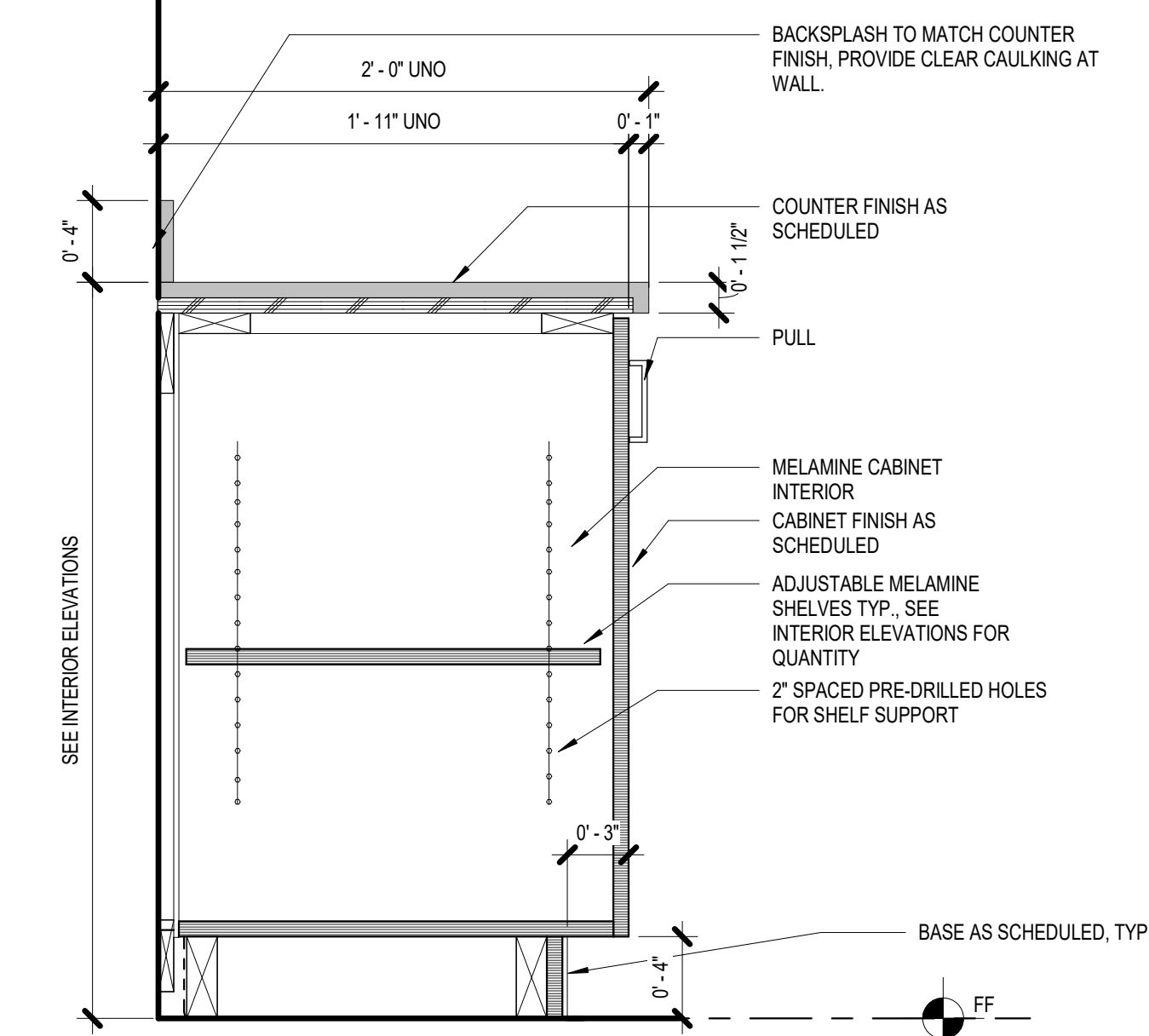
**11 | BASE CABINET W/ SS COUNTER - OPEN**  
A6.60 1 1/2" = 1'-0"  
**LAB PREP**



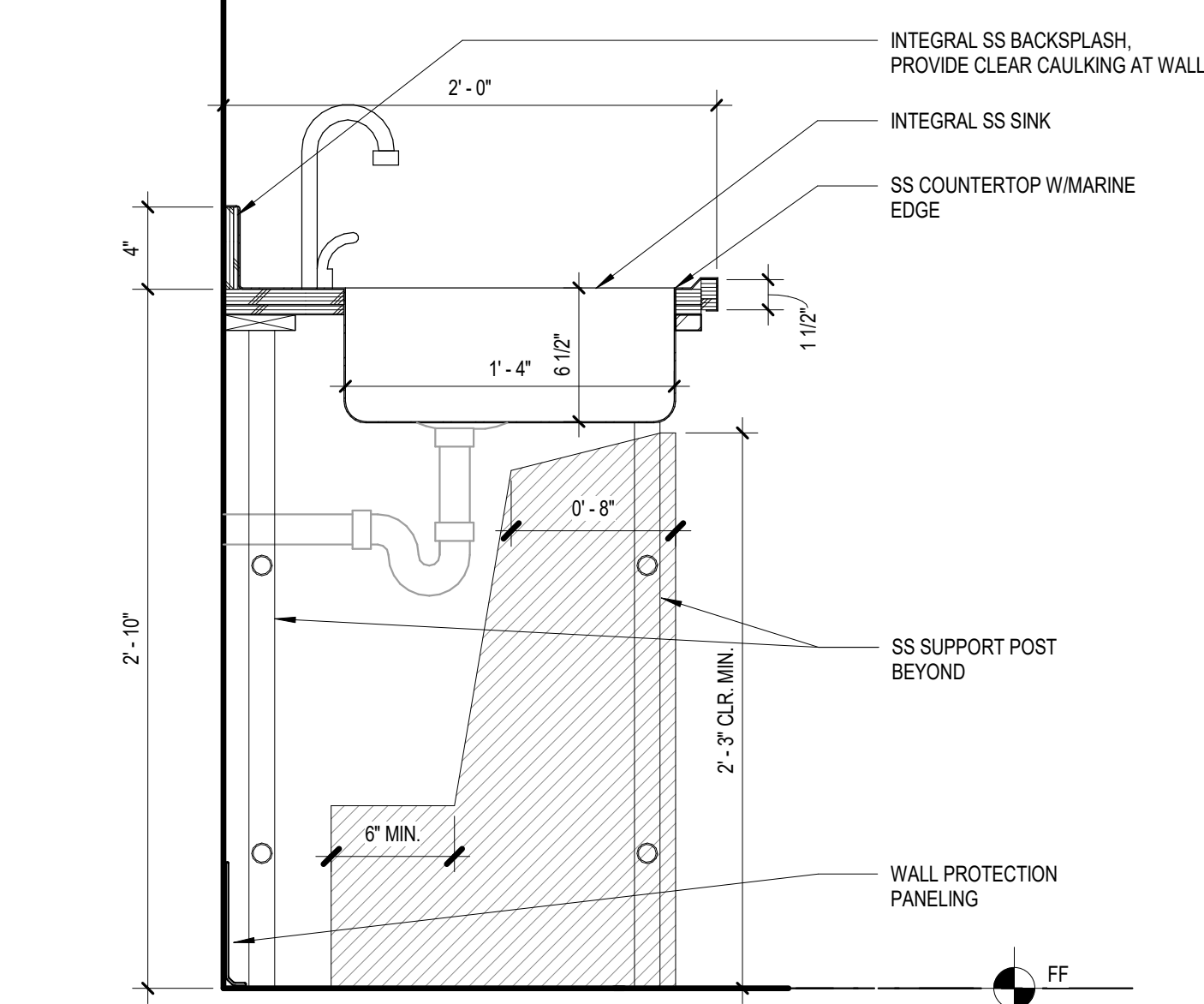
**8 | CLOSED UPPER CABINET**  
A6.60 1 1/2" = 1'-0"  
**LAB PREP  
DENTAL LAB**



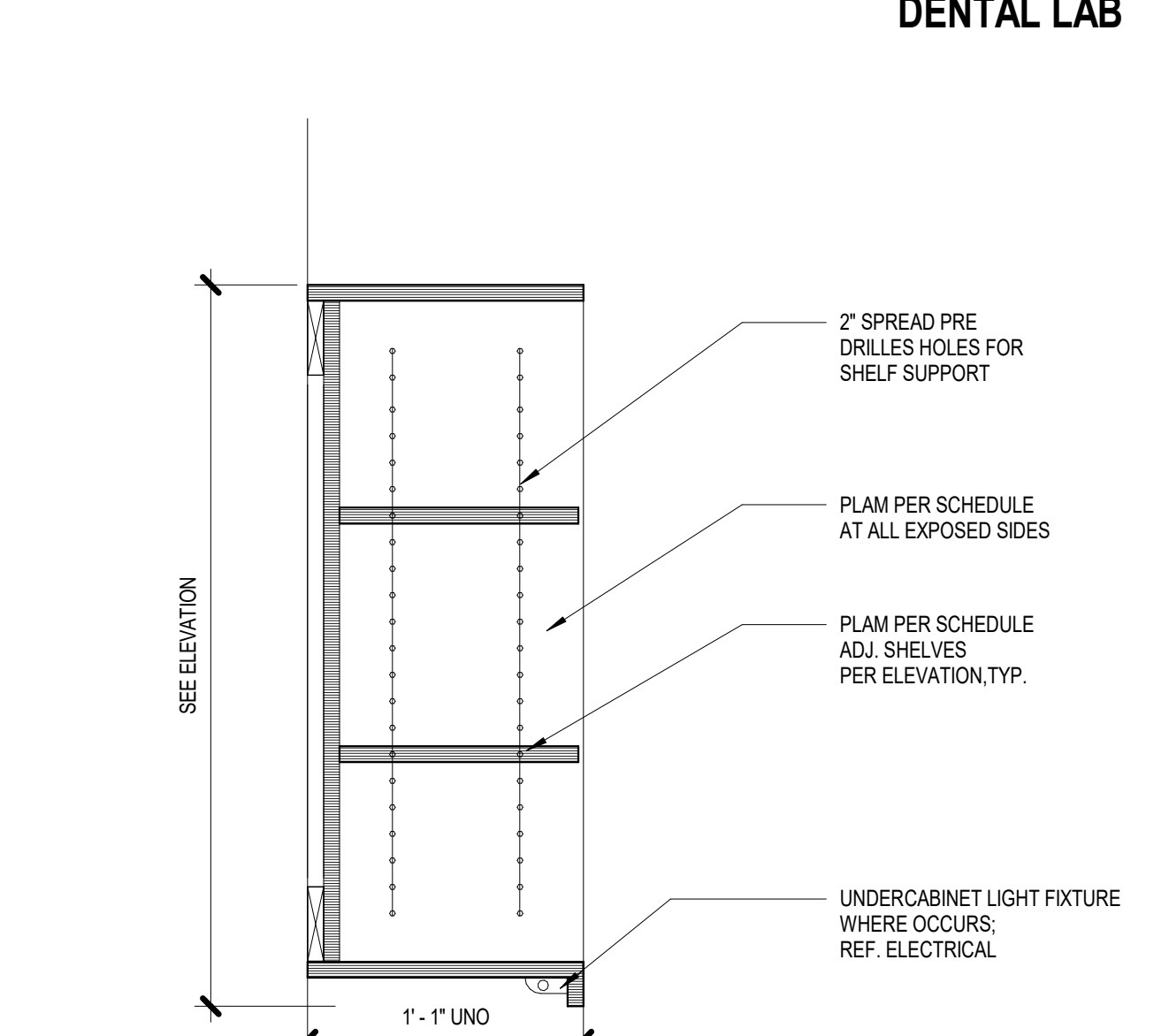
**5 | BASE CABINET W/ DRAWERS**  
A6.60 1 1/2" = 1'-0"  
**DENTAL LAB**



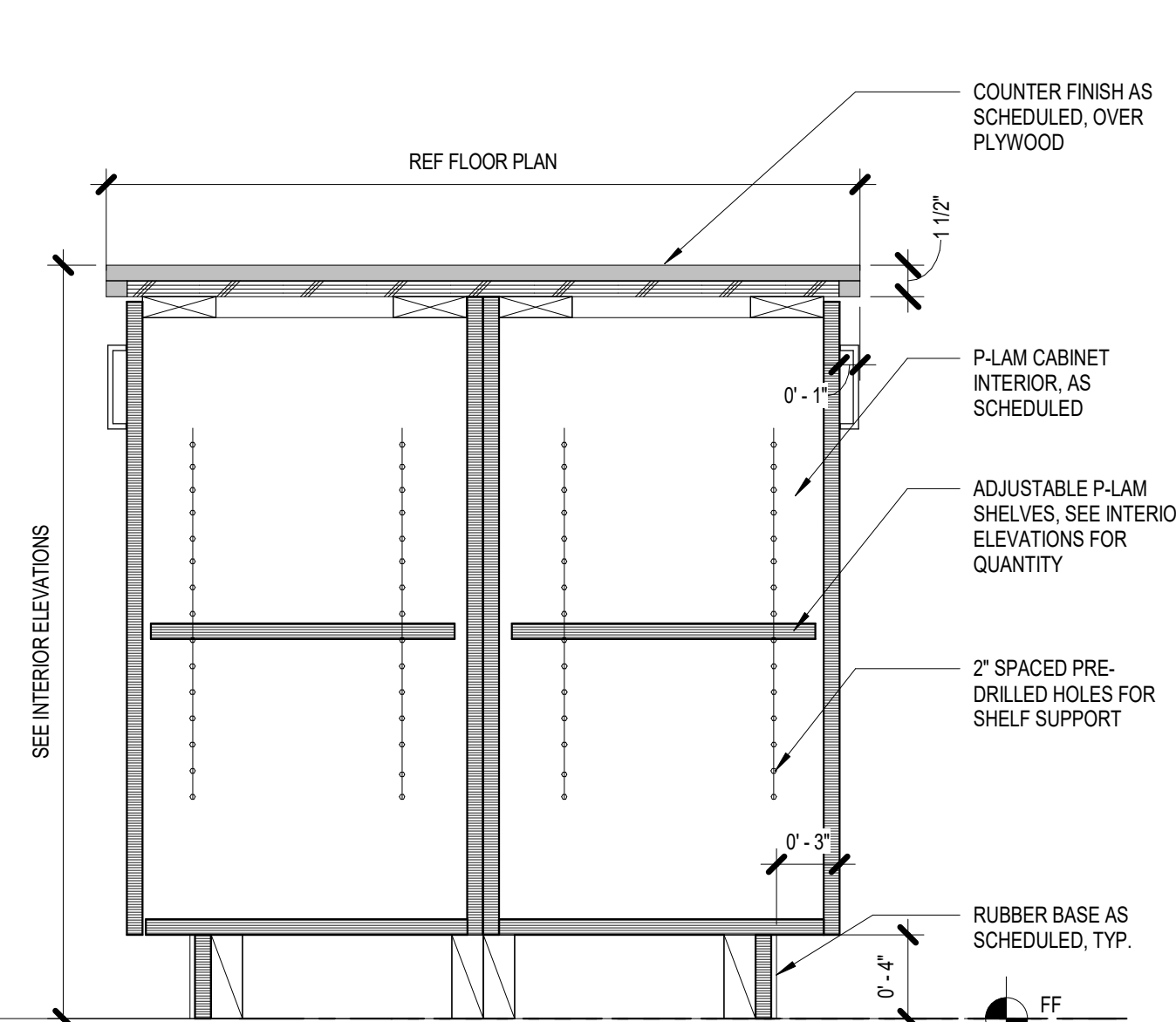
**2 | BASE CABINET - CLOSED**  
A6.60 1 1/2" = 1'-0"  
**DENTAL LAB**



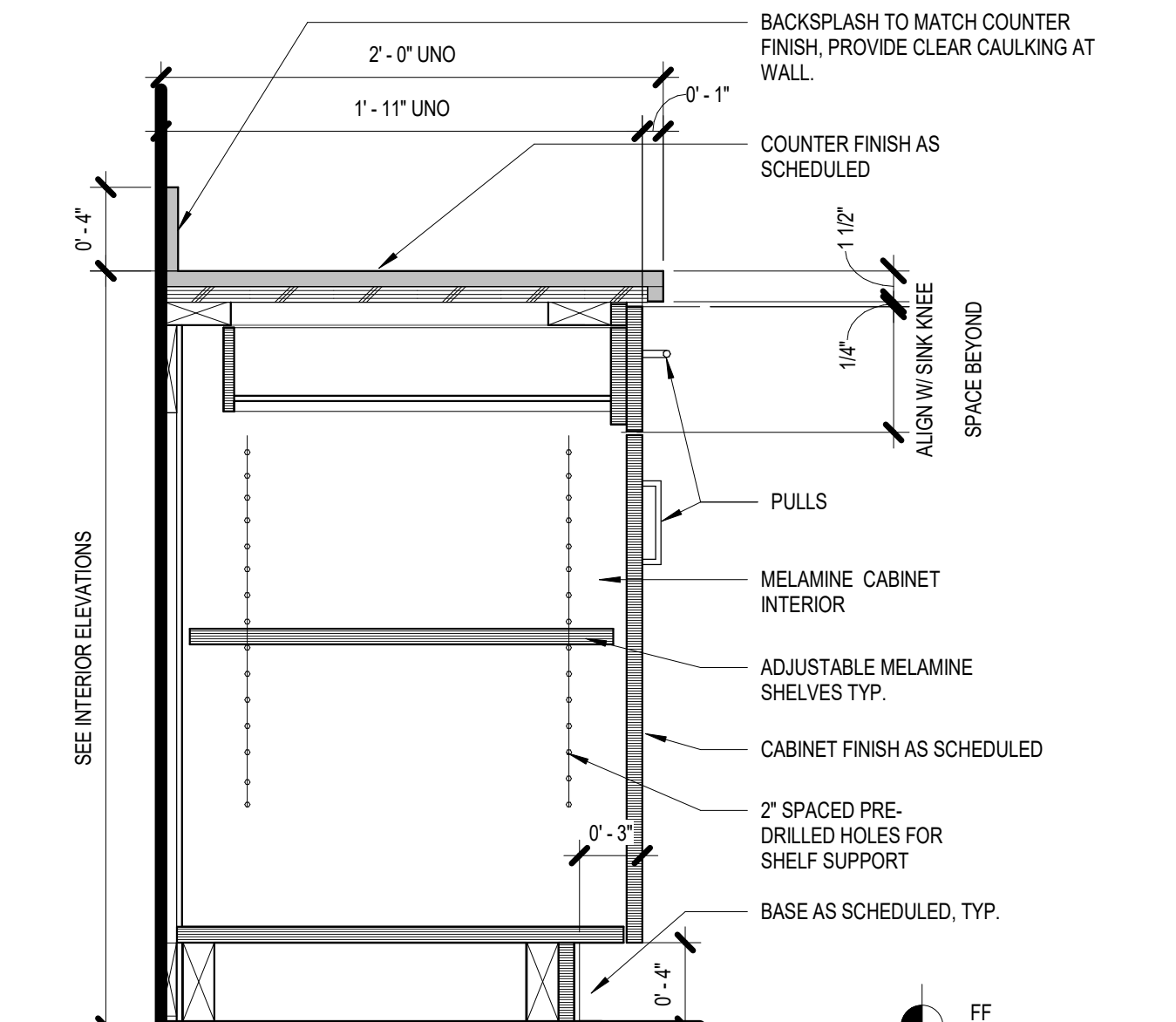
**12 | ADA BASE CABINET W/ SINK -SS COUNTER**  
A6.60 1 1/2" = 1'-0"  
**LAB PREP**



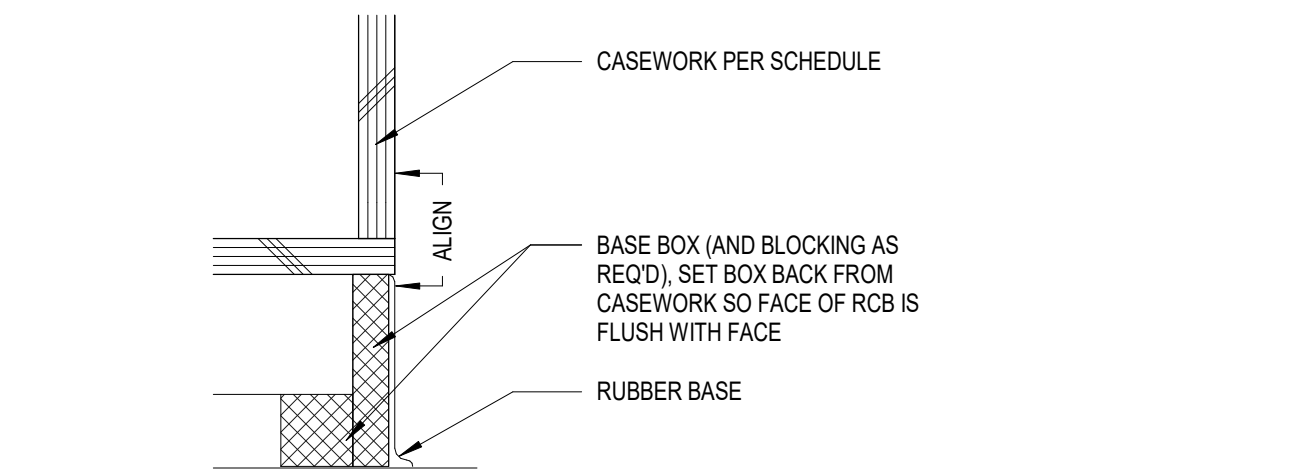
**9 | OPEN UPPER CABINET**  
A6.60 1 1/2" = 1'-0"  
**DENTAL LAB**



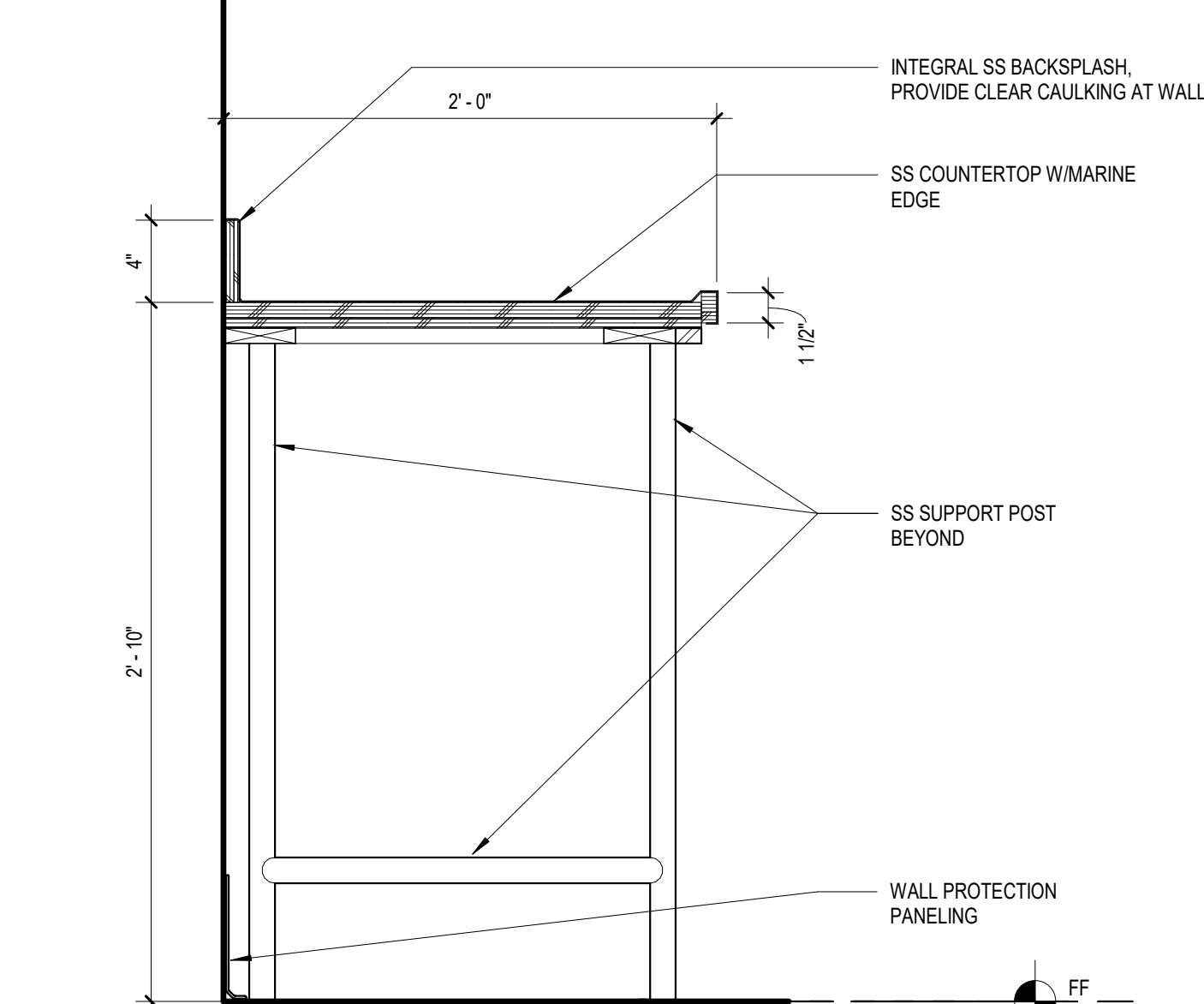
**6 | BASE CABINET - OPEN ISLAND COUNTER**  
A6.60 1 1/2" = 1'-0"  
**DENTAL LAB**



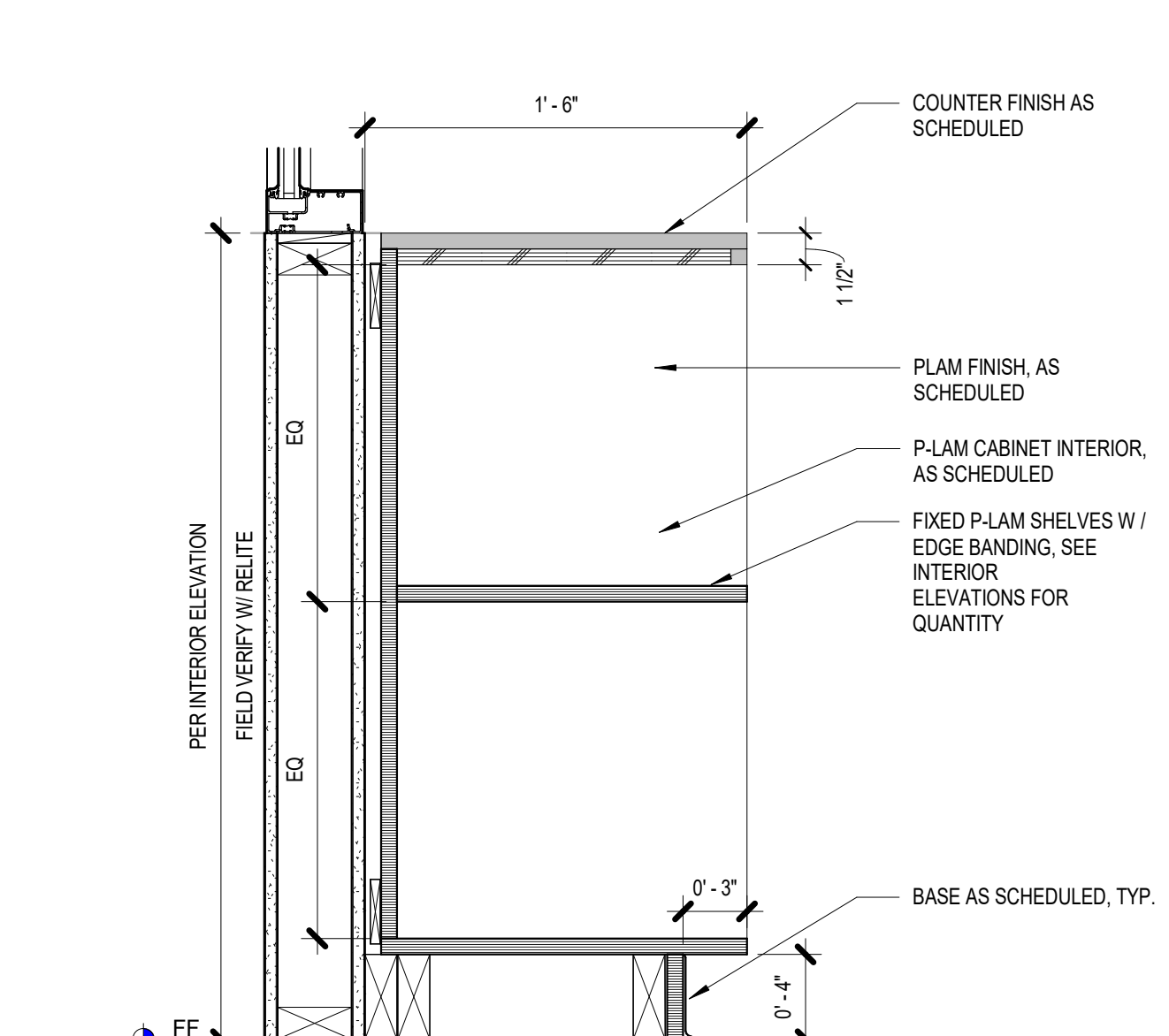
**3 | BASE CABINET W/ DRAWER**  
A6.60 1 1/2" = 1'-0"  
**DENTAL LAB  
CLASSROOM 110**



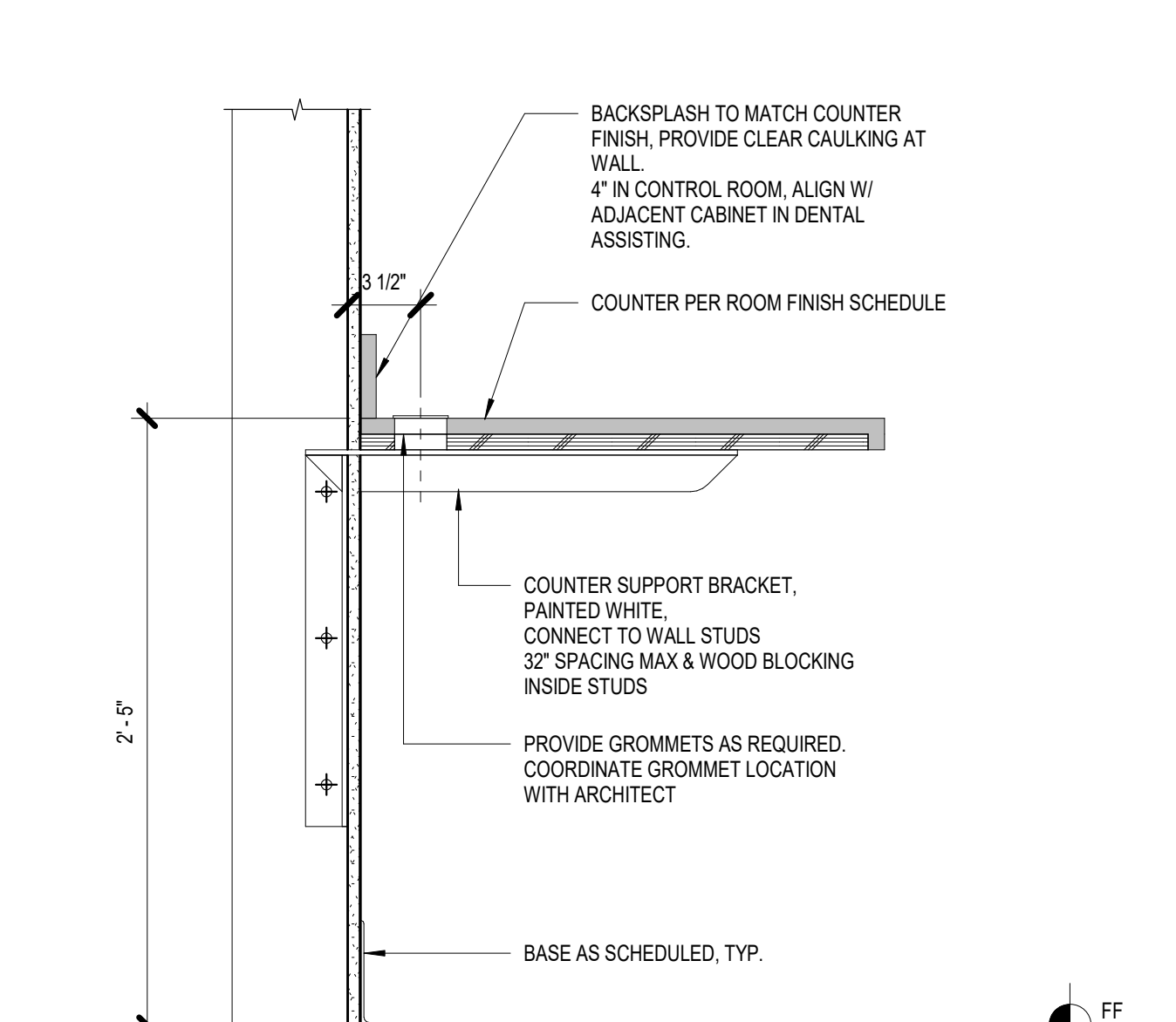
**15 | CABINET DETAIL - BASE AT SIDE OF CABINET, TYP.**  
A6.60 3" = 1'-0"



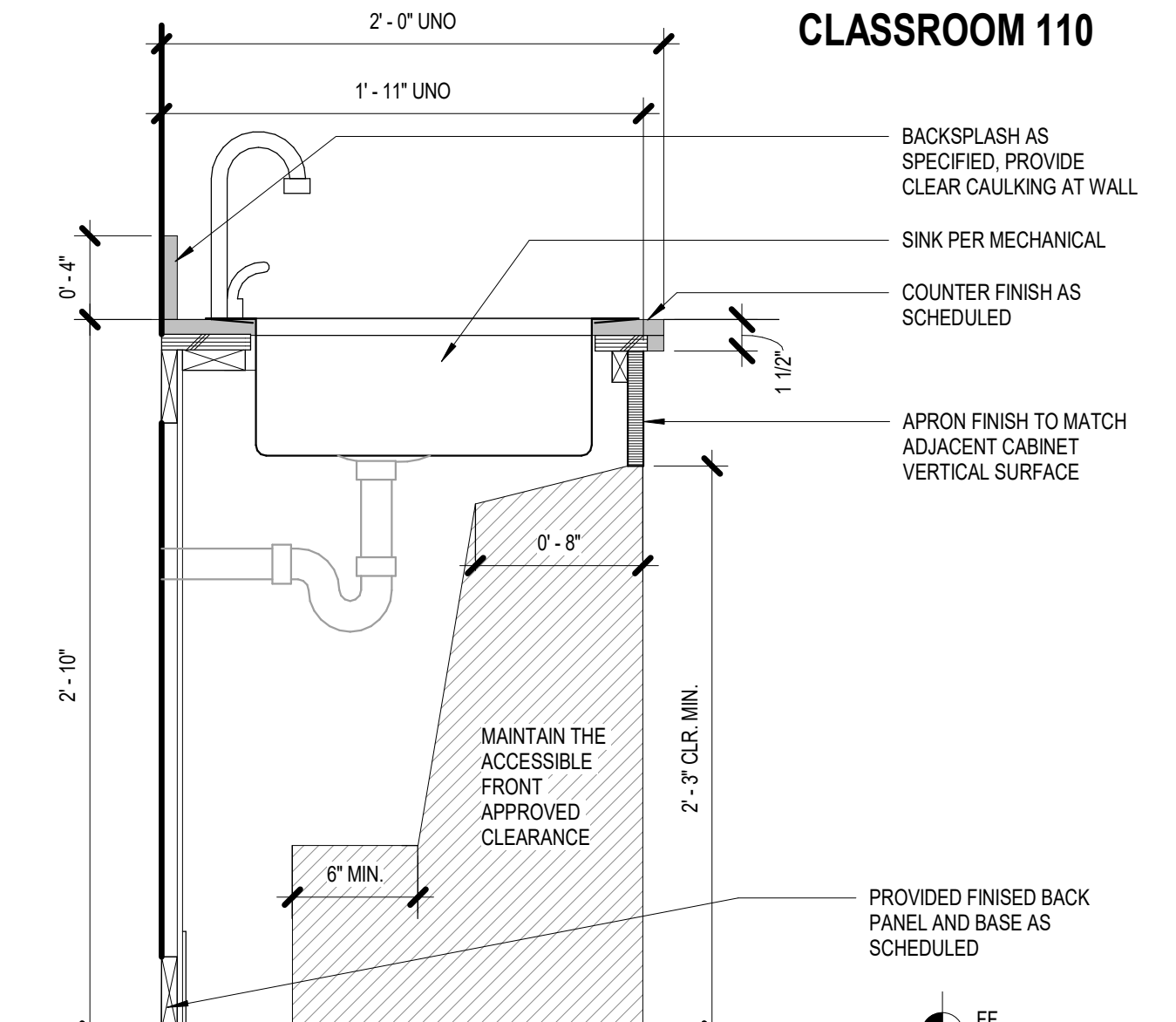
**13 | SS COUNTERTOP**  
A6.60 1 1/2" = 1'-0"  
**LAB PREP**



**10 | CUBBY SECTION - OPEN SHELVES**  
A6.60 1 1/2" = 1'-0"  
**DENTAL LAB**



**7 | COUNTERTOP - SEATED HEIGHT**  
A6.60 1 1/2" = 1'-0"  
**CONTROL ROOM  
DENTAL LAB**



**4 | ADA SINK COUNTER**  
A6.60 1 1/2" = 1'-0"  
**DENTAL LAB**

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Revisions to Sheet  
No. Revision Date

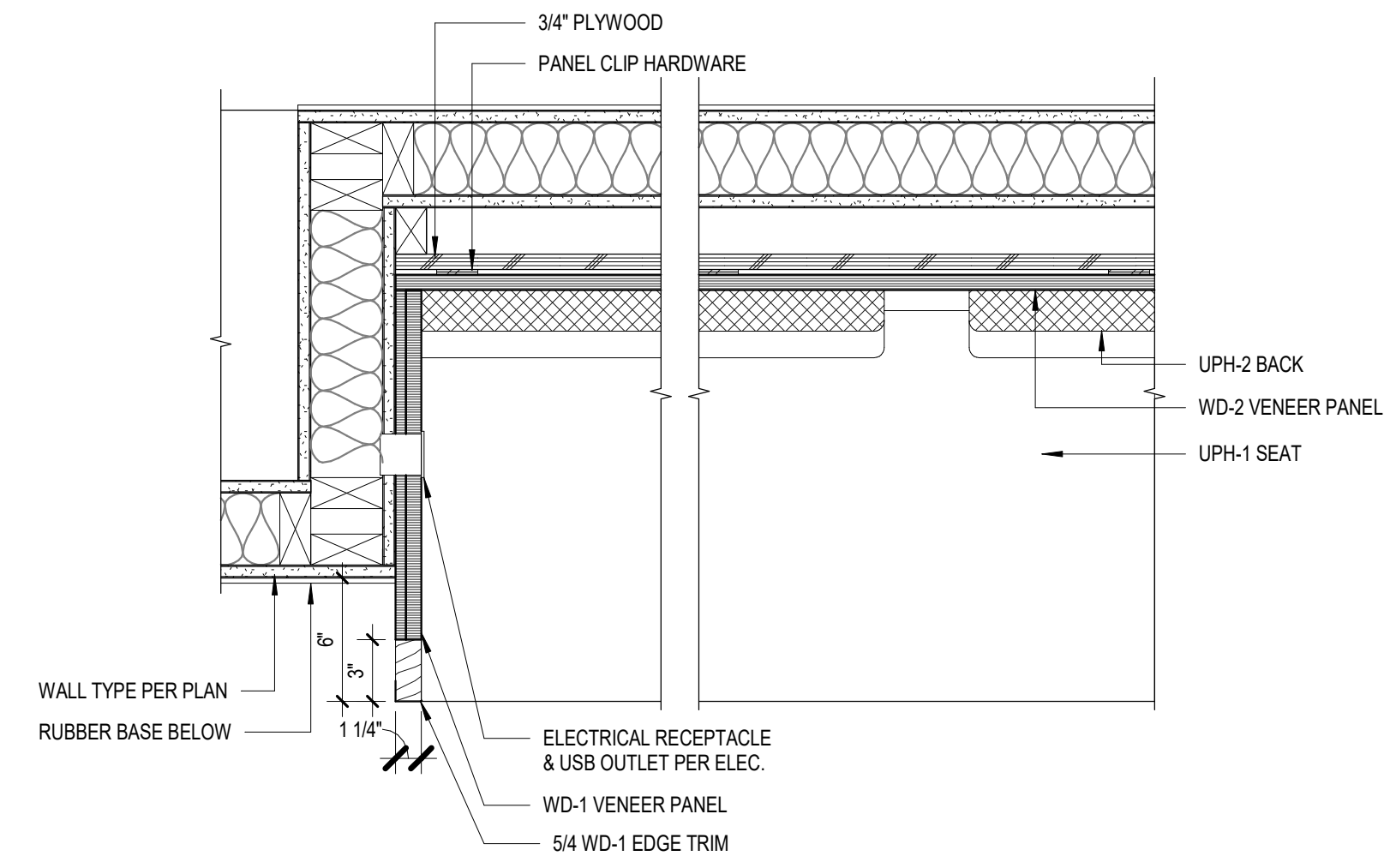
Status: **Permit and Bid Documents**

Date: **March 3, 2023**

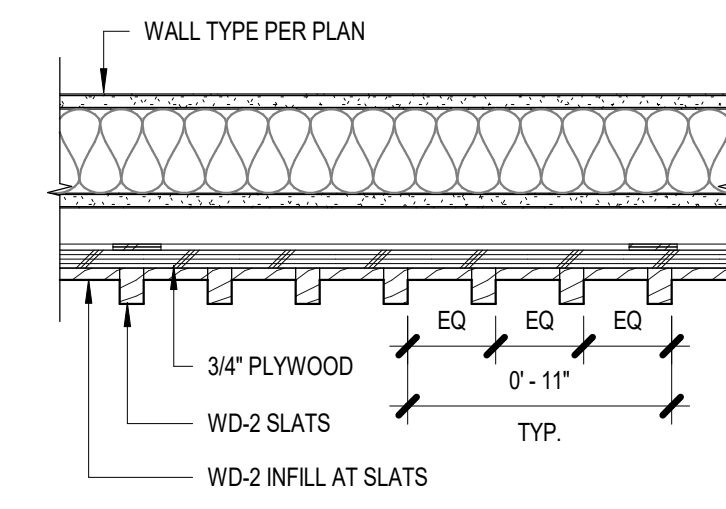
Sheet Title:  
**STANDARD  
CASEWORK  
DRAWINGS**

Sheet No. **A6.60**

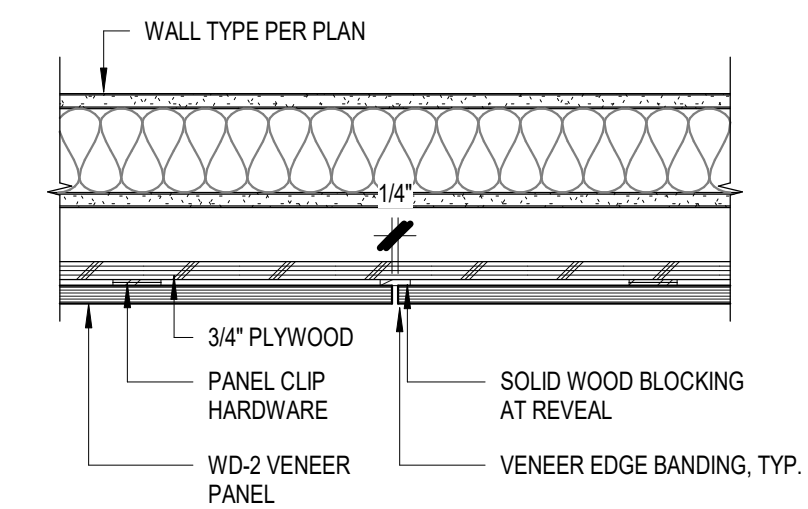
Job No. **4859-01**



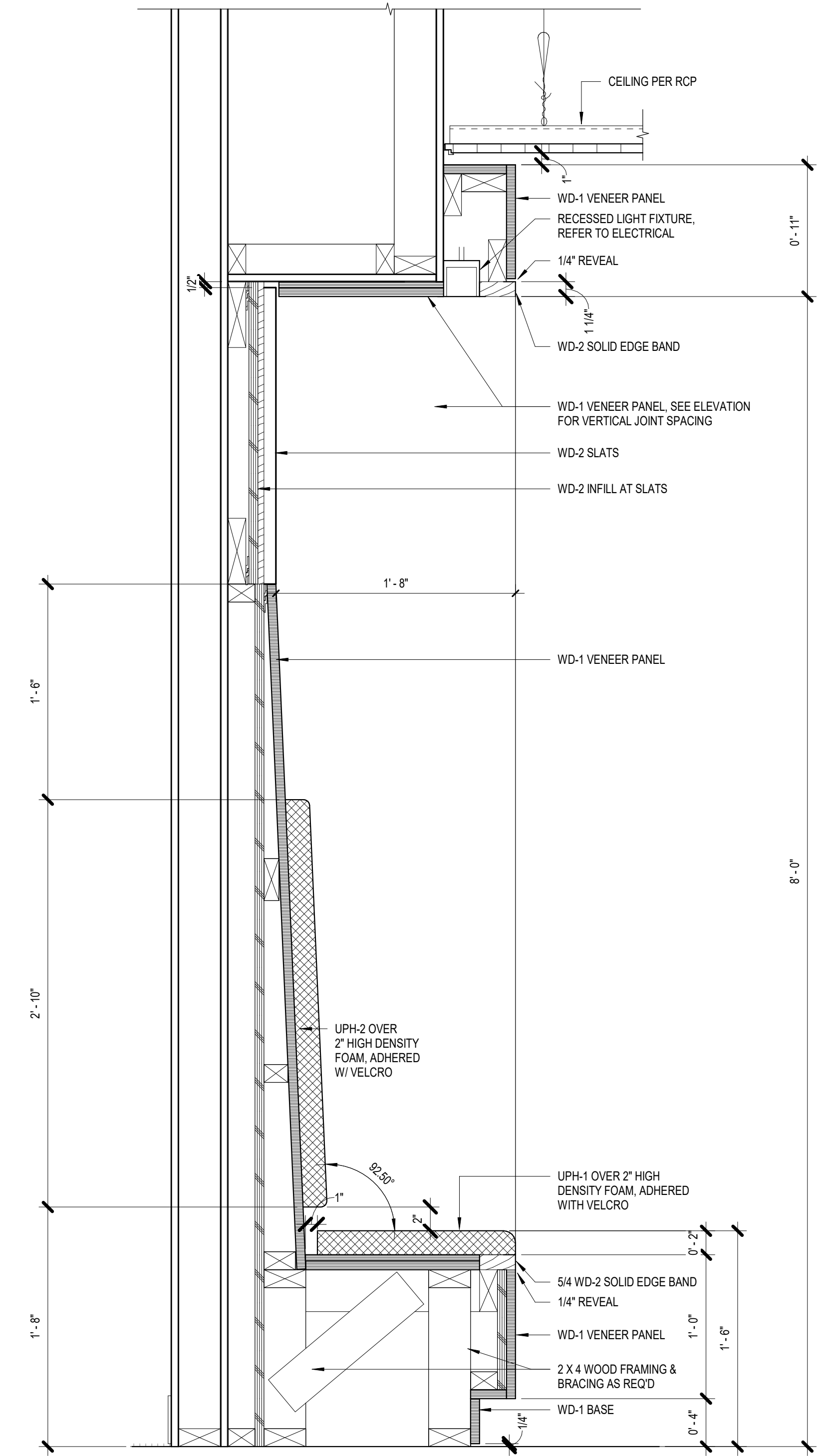
**2 | HALL BENCH - JAMB**  
 A6.61 1 1/2" = 1'-0"



**3 | WOOD SLAT WALL**  
 A6.61 1 1/2" = 1'-0"



**4 | WOOD PANELING - REVEAL**  
 A6.61 1 1/2" = 1'-0"



**1 | HALL BENCH**  
 A6.61 1 1/2" = 1'-0"

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Revisions to Sheet

No.	Revision	Date

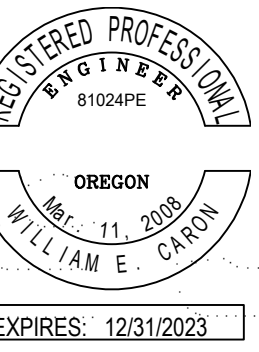
Status: **Permit and Bid Documents**

Date: **March 3, 2023**

Sheet Title:  
**CASEWORK  
 DETAILS**

Sheet No.  
**A6.61**

Job No.  
**4859-01**



Project Owner:  
**SWOCO**



Project Name:  
**SUMNER HALL**

Project Address:  
**1888 NEWMARK AVE,  
COOS BAY, OR 97420**



## MECHANICAL LEGEND

### GAS SYMBOLS

SYMBOL	IDENTIFICATION
	PIPE ABOVE GRADE; SIZES AS SHOWN ON PLANS
	PIPE BELOW GRADE; SIZES AS SHOWN ON PLANS
	PIPE UP
	PIPE DROP
	PIPE DROP AT TEE
	PIPE CAP
	PIPE CONTINUED
	PIPE TRANSITION
	TEE
	TEE, ISOMETRIC VIEW
	SHUT-OFF VALVE
	GAS PRESSURE REGULATOR
	BALL VALVE
	UNION

### HVAC SYMBOLS

SYMBOL	IDENTIFICATION
	DUCT, SINGLE-LINE; SIZES AS SHOWN ON PLANS
	DUCT, DOUBLE-LINE; SIZES AS SHOWN ON PLANS
	45 DEGREE DUCT ELBOW; SINGLE-LINE; SIZES AS SHOWN ON PLANS
	45 DEGREE DUCT ELBOW; DOUBLE-LINE; SIZES AS SHOWN ON PLANS
	90 DEGREE DUCT ELBOW; SINGLE-LINE; SIZES AS SHOWN ON PLANS
	90 DEGREE DUCT ELBOW; DOUBLE-LINE; SIZES AS SHOWN ON PLANS
	90 DEGREE DUCT ELBOW WITH TURNING VANES; SIZES AS SHOWN ON PLANS
	DUCT TRANSITION; SINGLE-LINE
	DUCT TRANSITION; DOUBLE-LINE
	DUCT TRANSITION SQUARE TO ROUND; DOUBLE-LINE
	HORIZONTAL MOUNTED SUPPLY AIR DIFFUSER OR SUPPLY AIR DUCT IN CROSS-SECTION ROUTED UP
	HORIZONTAL MOUNTED RETURN OR TRANSFER AIR GRILLE, OR RETURN AIR DUCT IN CROSS-SECTION ROUTED UP
	HORIZONTAL MOUNTED EXHAUST AIR GRILLE OR EXHAUST AIR DUCT IN CROSS-SECTION ROUTED UP
	SUPPLY AIR DUCT IN CROSS-SECTION ROUTED DOWN
	RETURN AIR DUCT IN CROSS-SECTION ROUTED DOWN
	EXHAUST AIR DUCT IN CROSS-SECTION ROUTED DOWN
	SUPPLY AIR TO/FROM DEVICE
	RETURN/EXHAUST AIR TO/FROM DEVICE
	BALANCING DAMPER
	MOTORIZED DAMPER
	FIRE DAMPER
	FIRE/SMOKE DAMPER
	THERMOSTAT
	TEMPERATURE SENSOR

### DESIGNATION SYMBOLS

SYMBOL	IDENTIFICATION
	GRID LINE DESIGNATOR
	SHEET KEYNOTE TAG
	CONTRACTOR EQUIPMENT TAG
	REVISION DELTA WITH REVISION NUMBER
	POINT OF CONNECTION

### ABBREVIATIONS

ABBRV.	IDENTIFICATION
Ø	DIAMETER
&	AND
AFF	ABOVE FINISH FLOOR
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY
BD	BALANCING DAMPER
BHP	BREAK HORSEPOWER
BTU	BRITISH THERMAL UNITS
CFM	CUBIC FEET PER MINUTE
CONT	CONTINUED
COP	COEFFICIENT OF PERFORMANCE
DBA	A-WEIGHTED DECIBELS
DN	DOWN
DSD	DUCT SMOKE DETECTOR
DWGS	DRAWINGS
(E)	EXISTING TO REMAIN
EA	EXHAUST AIR
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
EFF	EFFICIENCY
ESP	EXTERNAL STATIC PRESSURE
F/D	FIRE DAMPER
F/SD	FIRE/SMOKE DAMPER
FLA	FULL-LOAD AMPERES
FLR	FLOOR
FT	FEET
G	GAS
GPD	GALLONS PER DAY
GPM	GALLONS PER MINUTE
GPR	GAS PRESSURE REGULATOR
HP	HORSEPOWER OR HEAT PUMP
HSPF	HEATING SEASONAL PERFORMANCE FACTOR
IMC	INTERNATIONAL MECHANICAL CODE
IN	INCHES
KW	KILOWATTS
LBS	POUNDS
MAX	MAXIMUM
MBH	1000 BTU PER HOUR
MCA	MINIMUM CURRENT AMPACITY
MECH	MECHANICAL
MIN	MINIMUM
MOCP	MAXIMUM OVERCURRENT PROTECTION
(N)	NEW
NC	NOISE CRITERIA
NTS	NOT TO SCALE
OC	ON CENTER
OMSC	OREGON MECHANICAL SPECIALTY CODE
OSA	OUTSIDE AIR
PD	PRESSURE DROP
PH	PHASE
POC	POINT OF CONNECTION
PSI	POUNDS PER SQUARE INCH
QTY	QUANTITY
(R)	RELOCATE EXISTING
REQD	REQUIRED
REQS	REQUIREMENTS
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SC	SENSIBLE (COOLING) CAPACITY
SEER	SEASONAL ENERGY EFFICIENCY RATIO
SF	SUPPLY FAN OR SQUARE FEET
SOV	SHUT-OFF VALVE
SQ	SQUARE
TC	TOTAL (COOLING) CAPACITY
TYP	TYPICAL
V	VOLTS
W	WATTS
W/	WITH
WC	WATER COLUMN
(X)	REMOVE EXISTING

### LEGEND NOTES:

- ALL SYMBOLS MAY NOT BE USED IN THIS PROJECT.
- SYMBOLS DO NOT ALWAYS REPRESENT REAL LIFE DIMENSIONS.
- SEE BOOK SPECIFICATIONS FOR ADDITIONAL INFORMATION.

### AIR DISTRIBUTION

MARK	TYPE	MAKE & MODEL	REMARKS
RG-1	RETURN	TITUS PAR	24X24 PERFORATED FACE RETURN, MATCH FRAME TO CEILING TYPE, NECK SIZE AS INDICATED
RG-2	RETURN	TITUS PAR	12X12 PERFORATED FACE RETURN, MATCH FRAME TO CEILING TYPE, NECK SIZE AS INDICATED
SD-1	SUPPLY	TITUS PAS	24X24 PERFORATED FACE DIFFUSER, MATCH FRAME TO CEILING TYPE, NECK SIZE AS INDICATED
SD-2	SUPPLY	TITUS PAS	12x12 PERFORATED FACE DIFFUSER, MATCH FRAME TO CEILING TYPE, NECK SIZE AS INDICATED
SD-3	SUPPLY	TITUS 300RL	DOUBLE DEFLECTION LOUVERED FACE SUPPLY WITH OBD, SIZE AS INDICATED

NOTES:  
1. MAY PROVIDE EQUIVALENT EQUIPMENT FROM MAILOR, PRICE, SHOEMAKER.

### VENTILATION REQUIREMENTS

TAG	SERVING	PEOPLE	@	CFM/PERSON	+	AREA	@	CFM/SQ.FT.	/	Ez	=	CFM OSA
(E)FU-4	LOUNGE 114	8	@	7.5	+	192	@	0.06	/	0.8	=	90
(E)FU-4	OFFICE 115	1	@	5	+	90	@	0.06	/	0.8	=	13
(E)FU-4	OFFICE 116	1	@	5	+	90	@	0.06	/	0.8	=	13
(E)FU-4	DEBRIEF 117	8	@	5	+	179	@	0.06	/	0.8	=	64
<b>(E)FU-4 OSA REQ:</b>												<b>180</b>
(E)FU-5	HALL 101 NORTH	0	@	0	+	809	@	0.06	/	0.8	=	61
(E)FU-5	DENTAL WORK ROOM 106B	2	@	7.5	+	296	@	0.06	/	0.8	=	41
<b>(E)FU-5 OSA REQ:</b>												<b>102</b>
(E)FU-6	HALL 102	0	@	0	+	315	@	0.06	/	0.8	=	24
(E)FU-6	SIM LAB A 104C	8	@	7.5	+	694	@	0.06	/	0.8	=	128
(E)FU-6	CONTROL A 104D	5	@	7.5	+	87	@	0.06	/	0.8	=	54
(E)FU-6	LAB PREP 104E	2	@	7.5	+	165	@	0.06	/	0.8	=	32
(E)FU-6	CONTROL B 104F	5	@	7.5	+	87	@	0.06	/	0.8	=	54
(E)FU-6	SIM LAB B 104G	5	@	7.5	+	321	@	0.06	/	0.8	=	71
(E)FU-6	SIM 104H	2	@	7.5	+	69	@	0.06	/	0.8	=	24
(E)FU-6	SCENARIO B 104J	2	@	7.5	+	102	@	0.06	/	0.8	=	27
(E)FU-6	CLASSROOM 105	31	@	7.5	+	1060	@	0.06	/	0.8	=	371
(E)FU-6	DENTAL LAB 106A	8	@	7.5	+	887	@	0.06	/	0.8	=	142
(E)FU-6	CLASSROOM 110	25	@	7.5	+	1030	@	0.06	/	0.8	=	312
<b>(E)FU-6 OSA REQ:</b>												<b>1239</b>

MECHANICAL SHEET KEY	
SHEET NUMBER	DESCRIPTION
M0.01	MECHANICAL - LEGEND
M1.10	LEVEL 01 - MECHANICAL DEMOLITION
M2.11	LEVEL 01 - HVAC - NORTH
M2.12	LEVEL 01 - HVAC - SOUTH

Status: **PERMIT AND BID DOCUMENTS**

Date: **03/03/2023**

Sheet Title:  
**MECHANICAL - LEGEND**

Sheet No.  
**M0.01**

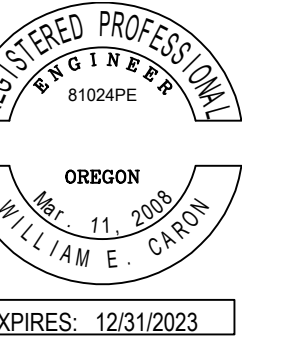
Job No.  
**20220498**

**GENERAL DEMOLITION NOTES:**

- A. REMOVE ALL EXISTING GRILLES, REGISTERS, AND DIFFUSERS.
- B. REMOVE DUCTWORK AS SHOWN. CAP OPEN ENDS.

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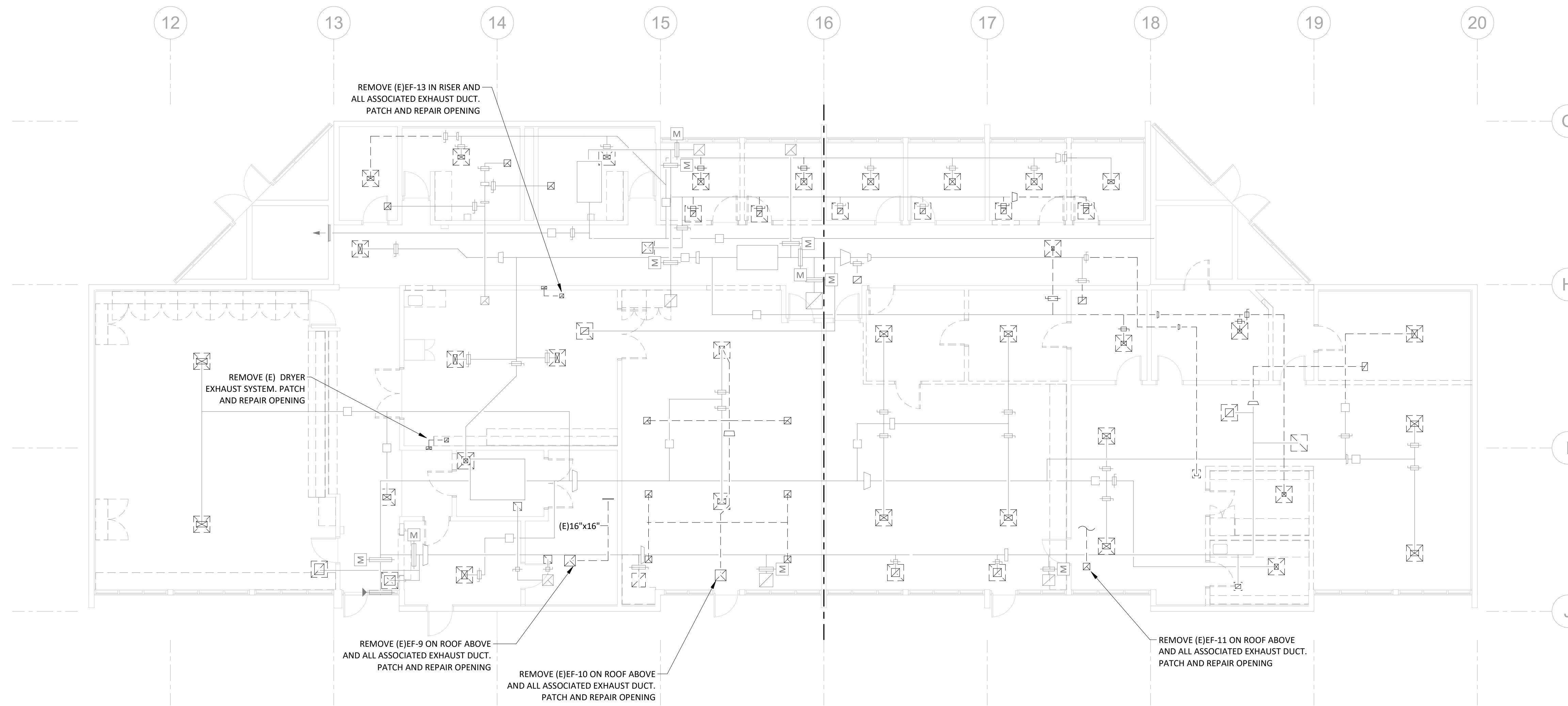
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Revisions to Sheet

Revision	Date

**1 LEVEL 01 - MECHANICAL - DEMOLITION**  
 M1.10 1/8" = 1'-0"

Status: **PERMIT AND BID DOCUMENTS**

Date: **03/03/2023**

Sheet Title:  
**LEVEL 01 - MECHANICAL DEMOLITION**

Sheet No.  
**M1.10**

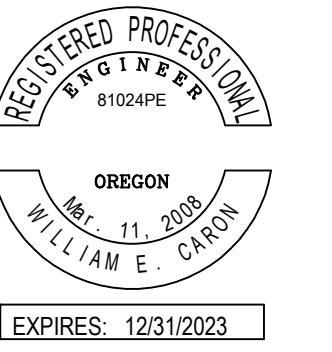
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**20220498**

**GENERAL MECHANICAL NOTES:**

- A. INSPECT EXISTING TO REMAIN EQUIPMENT AND TEST FUNCTIONALITY PRIOR TO PUTTING BACK INTO OPERATION. PROVIDE EQUIPMENT MAINTENANCE AND SERVICE AS REQUIRED. NOTIFY ENGINEER WITH ANY CONCERNS.
- B. PROVIDE DUCT CLEANING SERVICE FOR ALL EXISTING TO REMAIN DUCTWORK.
- C. PROVIDE NEW FILTERS FOR ALL FAN UNITS. MATCH EXISTING MERV RATING.
- D. PROVIDE NEW GRILLES, REGISTERS, AND DIFFUSERS AS NOTED. COORDINATE LOCATION WITH ARCHITECTURAL RCP AND OTHER TRADES. FLEXIBLE AIR DUCTS WITH A MAXIMUM LENGTH OF 5' MAY BE USED FOR FINAL ALIGNMENT. BALANCE TO NEW AIRFLOWS AS SHOWN.

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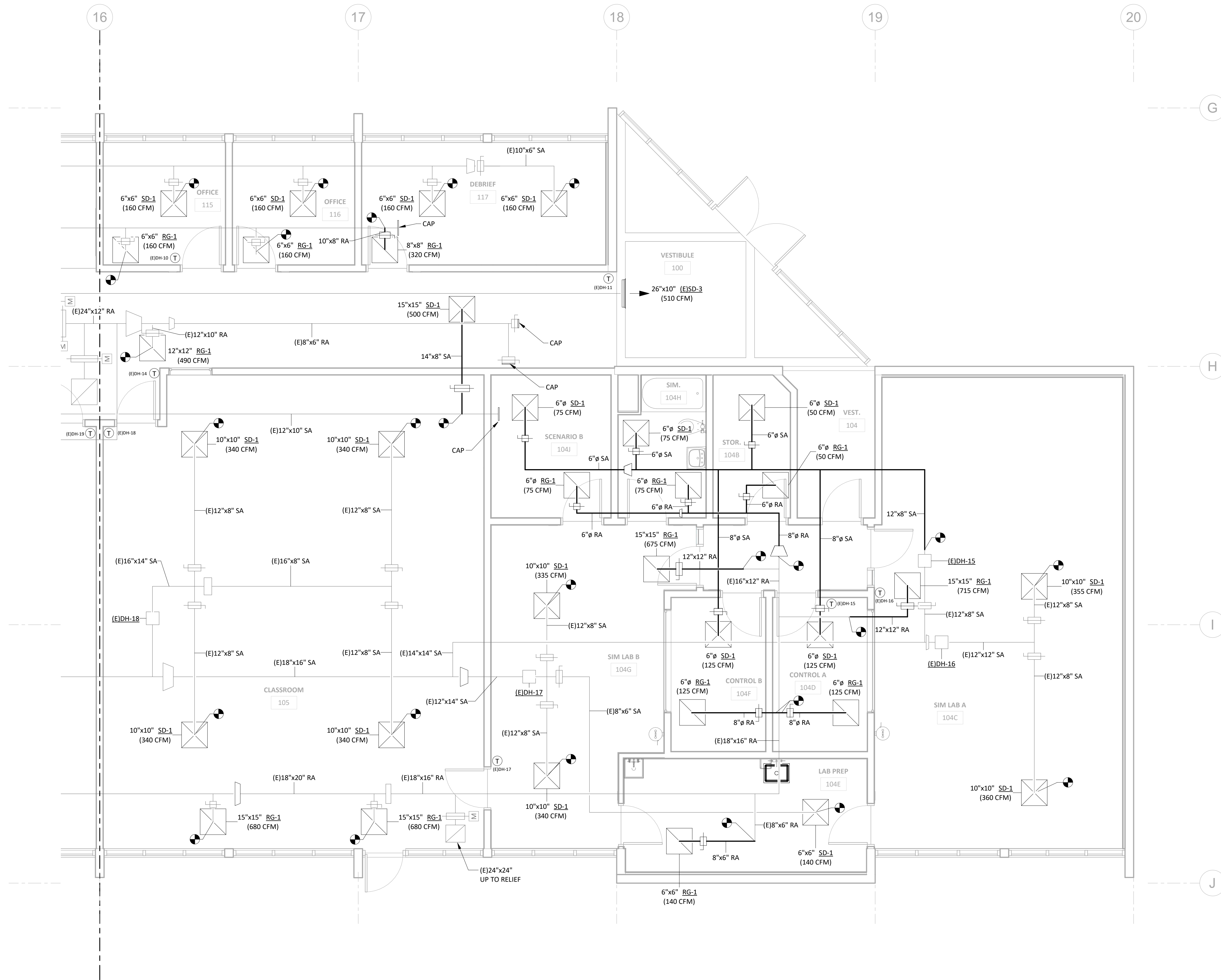


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1 LEVEL 01 - HVAC - NORTH  
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**LEVEL 01 - HVAC - NORTH**

Sheet No.  
**M2.11**

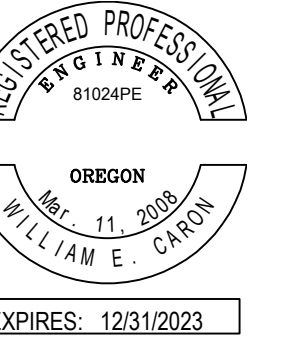
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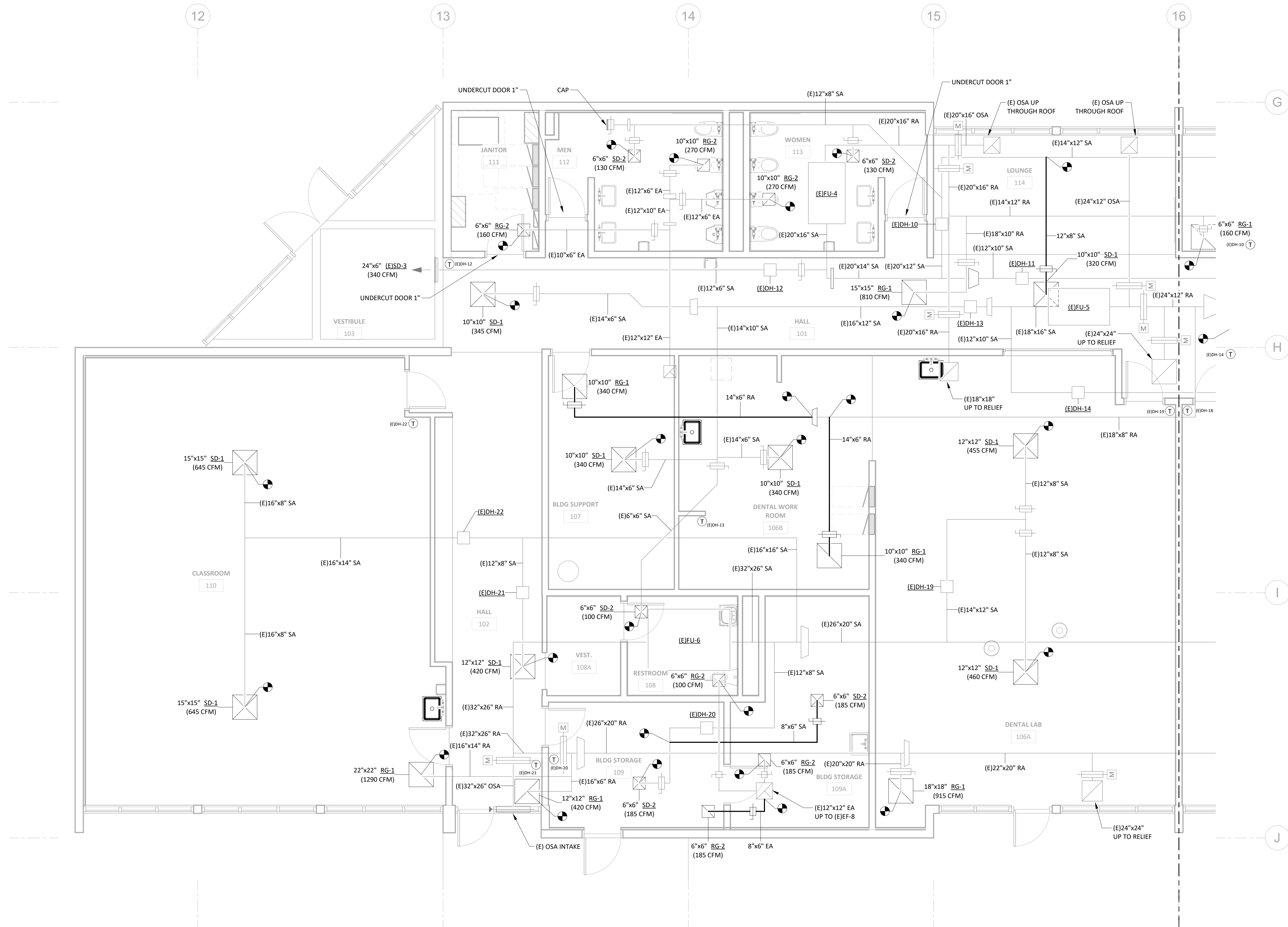
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**1** LEVEL 01 - HVAC - SOUTH  
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**LEVEL 01 - HVAC - SOUTH**

Sheet No.  
**M2.12**

Job No.  
**20220498**



## PLUMBING LEGEND

### VALVE SYMBOLS

SYMBOL	IDENTIFICATION
	GATE VALVE
	GATE VALVE; VERTICAL ORIENTATION
	SHUT-OFF VALVE
	GAS PRESSURE REGULATOR
	BALL VALVE
	GLOBE VALVE
	BUTTERFLY VALVE
	BALANCING VALVE
	CIRCUIT SETTER
	SOLENOID VALVE
	PRESSURE REDUCING VALVE
	TEMPERATURE AND PRESSURE RELIEF VALVE
	ANGLE VALVE
	ANGLE VALVE; VERTICAL ORIENTATION
	PRESSURE REGULATING VALVE
	CHECK VALVE
	WYE STRAINER
	REDUCED PRESSURE ZONE ASSEMBLY
	DOUBLE CHECK ASSEMBLY

### PIPING SYMBOLS

SYMBOL	IDENTIFICATION
	COLD WATER PIPE; SIZES AS SHOWN ON PLANS
	HOT WATER PIPE; SIZES AS SHOWN ON PLANS
	HOT WATER RETURN PIPE; SIZES AS SHOWN ON PLANS
	WASTE PIPE; SIZES AS SHOWN ON PLANS
	VENT PIPE; SIZES AS SHOWN ON PLANS
	PIPE CONTINUED
	PIPE UP
	PIPE DROP
	PIPE DROP AT TEE
	PIPE CAP
	PIPE UP OR DOWN THROUGH LEVEL
	PIPE TRANSITION
	TEE
	TEE; ISOMETRIC VIEW
	FLEXIBLE CONNECTION
	PRESSURE/TEMPERATURE PLUG
	UNION
	WATER HAMMER ARRESTOR
	GRADE CLEANOUT OR FLOOR CLEANOUT
	WALL CLEANOUT
	THERMOMETER
	PRESSURE GAUGE
	TEMPERATURE GAUGE
	ACCESS DOOR
	WATER HAMMER ARRESTOR
	DOWNSPOUT NOZZLE

### ABBREVIATIONS

ABBRV.	IDENTIFICATION
Ø	DIAMETER
&	AND
AD	ACCESS DOOR
AFF	ABOVE FINISH FLOOR
BTU	BRITISH THERMAL UNITS
COND	CONDENSATE
CONT	CONTINUED
COORD	COORDINATE
CONST	CONSTRUCTION
CW	COLD WATER (DOMESTIC)
DN	DOWN
DWGS	DRAWINGS
(E)	EXISTING TO REMAIN
EFF	EFFICIENCY
ETC	ETCETERA
FC	FLEXIBLE CONNECTION
FCO	FLOOR CLEANOUT
FLA	FULL-LOAD AMPERES
FLR	FLOOR
FPM	FEET PER MINUTE
FT	FEET
FT HD	FEET HEAD
GA	GAUGE
GALV	GALVINIZED
GC	GENERAL CONTRACTOR
GCO	GRADE CLEANOUT
GPM	GALLONS PER MINUTE
GPR	GAS PRESSURE REGULATOR
GV	GLOBE VALVE
GW	GREASE WASTE
HP	HORSEPOWER
HW	HOT WATER
HWR	HOT WATER RETURN
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IN	INCHES
KW	KILOWATTS
LBS	POUNDS
MAX	MAXIMUM
MBH	1000 BTU PER HOUR
MC	MECHANICAL CONTRACTOR
MCA	MINIMUM CURRENT AMPACITY
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MOCP	MAXIMUM OVERCURRENT PROTECTION
(N)	NEW
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OC	ON CENTER
OCC	OCCUPANCY
OD	OVERFLOW DRAIN
OPSC	OREGON PLUMBING SPECIALTY CODE
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
PD	PRESSURE DROP
PH	PHASE
P/N	PART NUMBER
PRV	PRESSURE REDUCING VALVE
POC	POINT OF CONNECTION
PSI	POUNDS PER SQUARE INCH
QTY	QUANTITY
(R)	RELOCATE EXISTING
RM	ROOM
RPZA	REDUCED PRESSURE ZONE ASSEMBLY
SCFM	STANDARD CUBIC FEET PER MINUTE
SD	STORM DRAIN
SOV	SHUT-OFF VALVE
SQ	SQUARE
TOT	TOTAL
TYP	TYPICAL
UPC	UNIFORM PLUMBING CODE
V	VENT
W	WASTE
W/	WITH
WC	WATER COLUMN
WCO	WALL CLEANOUT
(X)	REMOVE EXISTING

### GENERAL NOTES:

- A. SUPPORT PIPES TIGHT TO STRUCTURE WHEREVER POSSIBLE.
- B. ALL PIPING IS CONCEALED AND WITHIN ENVELOPE OF BUILDING UNLESS OTHERWISE NOTED. ANY REQUIRED EXPOSED PIPING MUST BE COORDINATED WITH ARCHITECT.
- C. ALL HORIZONTAL WASTE LINES TO HAVE MINIMUM OF 1/4 INCH PER FOOT SLOPE UNLESS OTHERWISE NOTED.
- D. ALL DRAINAGE LINE CHANGE IN FLOW DIRECTION CONNECTIONS SHALL BE IN ACCORDANCE WITH WASHINGTON PLUMBING CODE.
- E. WHERE BRANCH SIZES ARE NOT SHOWN, BRANCH SIZE SHALL BE SAME AS THAT SHOWN IN PLUMBING FIXTURE SCHEDULE.
- F. PROVIDE OPERATING AND MAINTENANCE MANUAL TO OWNER UPON SYSTEM COMMISSIONING.
- H. PROVIDE ACCESSIBLE FULL-WAY SHUT-OFF VALVES ON THE DISCHARGE SIDE OF WATER METER AND TO THE COLD WATER SUPPLY PIPE TO WATER HEATER.
- I. PROVIDE FULL-WAY COLD WATER AND HOT WATER SUPPLY SHUT-OFF VALVES IN EACH UNIT ACCESS PANEL.
- J. PROVIDE ACCESS PANEL TO SHUTOFF VALVES WHERE REQUIRED.
- K. ALL CONTROL WIRING SHALL BE IN CONDUIT. CONDUIT SHALL BE PROVIDED AND INSTALLED BY THE MECHANICAL CONTRACTOR. PROVIDE AND INSTALL RIGID CONDUIT IN AREAS EXPOSED TO THE ELEMENTS.
- L. PROVIDE MECHANICAL WATER HAMMER ARRESTOR AT QUICK-ACTING VALVES, SIZED AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- M. LIMIT LAVATORY AND SINK TEMPERATURE TO 120°F FOR SCALDING PREVENTION.
- N. PROVIDE CLEANOUTS AT THE BASE OF ALL WASTE STACKS, AT UPPER TERMINALS OF HORIZONTAL DRAINAGE PIPES, IN LOCATIONS REQUIRED BY CODE, AND AS SHOWN ON DRAWINGS.
- O. ROUTE ALL CONDENSATE TO APPROVED RECEPTACLE.
- P. HEAT TRACE AND INSULATE ALL WASTE AND WATER PIPING EXPOSED TO FREEZING.
- Q. ALL FLOOR DRAINS AND FLOOR SINKS AND SIMILAR TRAPS SHALL BE PROVIDED WITH AN APPROVED AUTOMATIC MEANS OF MAINTAINING THEIR WATER SEAL. UNLESS TRAP PRIMERS IS CALLED OUT ON SCHEDULE TRAP PRIMER TYPE, MAKE AND MODEL SHALL BE SELECTED BY CONTRACTOR AND COORDINATED WITH ALL TRADES.

### FIXTURE SYMBOLS

SYMBOL	IDENTIFICATION
	HOSE BIBB
	PUMP
	CIRCULATION PUMP
	FLOOR DRAIN
	FLOOR SINK

### DESIGNATION SYMBOLS

SYMBOL	IDENTIFICATION
	GRID LINE DESIGNATOR
	SHEET KEYNOTE TAG
	CONTRACTOR EQUIPMENT TAG
	REVISION DELTA WITH REVISION NUMBER
	POINT OF CONNECTION

#### LEGEND NOTES:

- A. ALL SYMBOLS MAY NOT BE USED IN THIS PROJECT.
- B. SYMBOLS DO NOT ALWAYS REPRESENT REAL LIFE DIMENSIONS.
- C. SEE BOOK SPECIFICATIONS FOR ADDITIONAL INFORMATION.

PLUMBING SHEET KEY	
SHEET NUMBER	DESCRIPTION
P0.01	PLUMBING - LEGEND
P0.02	PLUMBING - SCHEDULES & CALCULATIONS
P1.10	LEVEL 01 - PLUMBING DEMOLITION
P2.10	LEVEL 01 - WASTE - OVERALL
P2.11	LEVEL 01 - WASTE - NORTH
P2.12	LEVEL 01 - WASTE - SOUTH
P3.10	LEVEL 01 - WATER - OVERALL
P3.11	LEVEL 01 - WATER - NORTH
P3.12	LEVEL 01 - WATER - SOUTH
P6.01	PLUMBING - DETAILS

Project Owner:

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Key Plan



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Status: **PERMIT AND BID DOCUMENTS**

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Sheet Title:

**PLUMBING - LEGEND**

Sheet No.

**P0.01**

Job No.

**20220498**

**PLUMBING FIXTURE CONNECTIONS**

MARK	FIXTURE DESCRIPTION	FIXTURE MANUFACTURER	MODEL NUMBER	CONNECTION SIZE			NOTES
				W	CW	HW	
WC-1	ADA WALL HUNG FLUSH VALVE WATER CLOSET	SLOAN	ST-2459	3"	1-1/2"	-	ADA, ELONGATED VITREOUS CHINA WALL HUNG WATER CLOSET WITH OPEN FRONT SEAT AND HARDWIRED DUAL FLUSH SENSOR FLUSH VALVE, COORDINATE COLOR WITH ARCHITECT. INCLUDE: WATER HAMMER ARRESTOR, BEMIS-19555SCT ELONGATED OPEN FRONT SEAT, J.R. SMITH 0240Y-M50 CARRIER WITH VERTICAL OUTLET AND SIDE INLET, AND SLOAN ECOS 111-1.6/1.1-HW FLUSH VALVE.
WC-2	FLOOR MOUNT WATER CLOSET	SLOAN	ST-2459	-	-	-	ELONGATED VITREOUS CHINA FLOOR-MOUNTED ADA WATER CLOSET WITH OPEN FRONT SEAT, COORDINATE COLOR WITH ARCHITECT. THIS FIXTURE WILL NOT BE CONNECTED TO WATER OR WASTE. INCLUDE: BEMIS-19555SCT ELONGATED OPEN FRONT SEAT.
LV-1	UNDER MOUNT LAVATORY	SLOAN	SS-3021	1-1/4"	1/2"	1/2"	ADA COMPLIANT VITRIUS CHINA UNDER MOUNT SINK WITH 0.5 GPM HARD WIRED SENSOR FAUCET. INCLUDE: DRAIN, TRAP, STOPS, SUPPLIES, J.R. SMITH 0710 SUPPORT, SLOAN EAF-200-HLT-CP-0.5GPM-AER-IR-IQ-FCT FAUCET.
LV-2	WALL HUNG LAVATORY	SLOAN	SS-3103	1-1/4"	1/2"	1/2"	ADA COMPLIANT VITRIUS CHINA WALL MOUNT SINK WITH 0.5 GPM HARD WIRED SENSOR FAUCET. INCLUDE: DRAIN, TRAP, STOPS, SUPPLIES, J.R. SMITH 0710 SUPPORT, SLOAN EAF-200-HLT-CP-0.5GPM-AER-IR-IQ-FCT FAUCET.
LV-3	WALL HUNG LAVATORY	SLOAN	SS-3103	-	-	-	ADA COMPLIANT VITRIUS CHINA WALL MOUNT SINK WITHOUT FAUCET. THIS FIXTURE WILL NOT BE CONNECTED TO WATER OR WASTE INCLUDE: SUPPLIES, J.R. SMITH 0710 SUPPORT
FS-1	FLOOR SINK	J.R. SMITH	325	-	-	-	FLOOR SINK, 12" x 12". INCLUDE: STAINLESS STEEL 3/4 GRATE, TRAP, AND TRAP PRIMER CONNECTION.
MS-1	MOP SINK 18"x18"	KROWNE	MS-1818	2"	1/2"	1/2"	STAINLESS STEEL MOP SINK, FAUCET AND SUPPLIES. INCLUDE: TRAP DRAIN, SUPPLIES AND ACORN FAUCET KFC
BT-1	CAST IRON BATH TUB	KOHLER	K-714	-	-	-	ENAMELED CAST IRON BATHTUB, VERIFY COLOR WITH ARCHITECT. THIS FIXTURE WILL NOT BE CONNECTED TO WATER OR WASTE.
S-1	(ADA) DROP IN LAB SINK	ELKAY	LRAD221955	1-1/2"	1/2"	1/2"	ADA COMPLIANT STAINLESS STEEL DROP IN SINK WITH 1.5 GPM FAUCET. INCLUDE: DRAIN, TRAP, STOPS, SUPPLIES, ELKAY LK406GN08T4 FAUCET AND TRUEBRO LAV GUARD 2E-Z ADA WRAP WHERE REQUIRED BY ARCHITECT.
S-2	(ADA) DROP IN CLASS SINK	ELKAY	LRAD221955	1-1/2"	1/2"	1/2"	ADA COMPLIANT STAINLESS STEEL DROP IN SINK WITH 1.5 GPM FAUCET. INCLUDE: DRAIN, TRAP, STOPS, SUPPLIES, ELKAY LK406GN08T4 FAUCET AND TRUEBRO LAV GUARD 2E-Z ADA WRAP WHERE REQUIRED BY ARCHITECT.
S-3	LAB PREP FAUCET	ELKAY	LK810HA10T4	1-1/2"	1/2"	1/2"	BUILT IN SINK SEE ARCHITECTURAL FOR FURTHER DETAILS, SINGLE HOLE CONCEALED DECK MOUT FAUCET W/44IN FLEXIBLE HOSE, 1.2 GPM SPRAY HEAD, AND 2" ARC TUBE SPOUT WITH 2" LEVER HANDLES. INCLUDE: DRAIN, TRAP, STOPS, SUPPLIES, ELKAYLK810HA10T4 FAUCET.
EW-2	WALL MOUNT EYE/FACE WASH	BRADLY	S19274HDB	1-1/4"	1/2"	1/2"	BARRIER-FREE DECK MOUNT, SWING DOWN EYE WASH. INCLUDE GAVIGATOR EPX8 EMERGENCY THERMOSTATIC MIXING VALVE
TP-1	ELECTRONIC TRAP PRIMER	J.R. SMITH	273 SERIES	-	1/2"	-	120V, ELECTRONIC TRAP PRIMER, INCLUDE: ACCESS PANEL AND DISTRIBUTION UNIT AS REQUIRED.
PT-1	POINT OF USE SOLID INTERCEPTOR	J.R. SMITH	8710T	1-1/2"	-	-	INSTALL ABOVE GRADE IN CASE WORK, MAINTAIN ADA CLEARANCE WHERE REQUIRED, SEE ARCHITECTURAL, INSTALL PER MANUFACTURERS RECOMMENDATIONS.

**WATER SERVICE CALCULATIONS**

MARK	FIXTURE GROUP	OCC. TYPE	QTY	CW WSFU EACH	HW WSFU EACH	TOT. HW WSFU	TOT. CW WSFU
LEVEL 01							
-	WATER CLOSET, 1.6 GPF FLUSHOMETER VALVE	PUBLIC	6	5	0	0	30
-	WATER CLOSET, 1.6 GPF FLUSHOMETER VALVE	PRIVATE	1	5	0	0	5
-	URINAL, 1.0 GPF FLUSHOMETER VALVE	PUBLIC	2	4	0	0	8
-	LAVATORY	PUBLIC	4	1	0.75	3	4
-	LAVATORY	PRIVATE	1	1	0.75	0.75	1
-	SINK, WASHUP, EACH SET OF FAUCETS	PUBLIC	5	2	1.5	7.5	10
-	SINK, SERVICE OR MOP BASIN	PRIVATE	1	1.5	1.125	1.125	1.5
BUILDING TOTAL WSFU:						12.375	59.5
SYSTEM TYPE:							Flush Valves
TOTAL WSFU FLOW:						9.4 GPM	54.9 GPM
CONTINUOUS SUPPLY DEMAND				QTY	GPM	TOTAL	
EYEWASH				1	5.1	5.1 GPM	
NONE				0	0	0.0 GPM	
<b>TOTAL FLOW [GPM]</b>						<b>60.0 GPM</b>	
FLOW AND PRESSURE CALCULATIONS							
DESIGN FLOW RATE							60.0 GPM
SITE WATER SUPPLY DESIGN INFORMATION							
DAILY SITE SERVICE PRESSURE							90.0 PSIG
BUILDING WATER SUPPLY DESIGN INFORMATION							
TOTAL PIPE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICALLY REMOTE FIXTURE							200.0 FT
TOTAL EQUIVALENT PIPE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICALLY REMOTE FIXTURE							266.7 FT
DAILY SERVICE PRESSURE AT POC 5 FEET FROM BUILDING (DAILY SITE SERVICE PRESSURE - TOTAL SITE LEVEL PRESSURE LOSS)							90.0 PSIG
PRV MAXIMUM PRESSURE SET POINT							80.0 PSIG
PRV ALLOWABLE FALLOFF PRESSURE LOSS							10.0 PSIG
DESIGN SERVICE PRESSURE AT BUILDING							70.0 PSIG
E) STATIC (GRAVITY) HEAD REQUIRED FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICALLY REMOTE FIXTURE							-2.0 FT
F) HOT WATER MIXING VALVE PRESSURE DROP (IF MOST HYDRAULICALLY REMOTE FIXTURE HAS HOT WATER CONNECTION)							3.0 PSIG
TOTAL PRESSURE LOSS (E+F)							2.1 PSIG
REQUIRED RESIDUAL PRESSURE AT FURTHEST UNIT/FIXTURE							30.0 PSIG
AVAILABLE PRESSURE FOR PIPING							37.9 PSIG
SERVICE MAIN NOMINAL PIPE SIZE							2" IN
MAIN WATER SUPPLY LINE ALLOWABLE FRICTION LOSS							
AVAILABLE PIPING FRICTION LOSS							14 PSIG/100FT
AVAILABLE PIPING FRICTION LOSS							33.0 FT.W.C./100FT
NOTES:							
1. SIZED IN ACCORDANCE WITH OPSC 2021, APPENDIX A.							
2. CONTRACTOR SHALL VERIFY SITE SUPPLY LINE TO THE BUILDING HAS ADEQUATE CAPACITY AND IS EQUAL TO OR LARGER THAN THE SERVICE MAIN SIZED CALLED OUT ABOVE.							
3.							
4.							
5.							

**DFU CALCULATIONS**

MARK	FIXTURE GROUP	OCC. TYPE	QTY.	MIN TRAP SIZE	DFU EACH	TOT. DFU
LEVEL 01						
-	WATER CLOSET, 1.6 GPF FLUSHOMETER VALVE	PUBLIC	6	3"	4	24
-	WATER CLOSET, 1.6 GPF FLUSHOMETER VALVE	PRIVATE	1	3"	3	3
-	URINAL, INTEGRAL TRAP 1.0 GPF	PUBLIC	2	2"	2	4
-	LAVATORY, IN SETS OF TWO OR THREE	PUBLIC	2	1-1/2"	2	4
-	LAVATORY, SINGLE	PRIVATE	1	1-1/4"	1	1
-	SINK SPECIAL PURPOSE	PUBLIC	5	1-1/2"	3	15
-	SINK SERVICE OR MOP BASIN	PUBLIC	1	2"	3	3
-	FLOOR DRAIN	PUBLIC	1	2"	2	2
SITE WASTE TOTAL						<b>56</b>
NOTES:						
1.						

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**PLUMBING - SCHEDULES & CALCULATIONS**

Sheet No.  
**P0.02**

Job No.  
**20220498**



**PLUMBING DEMO NOTES:**

ALL EXISTING PLUMBING FIXTURES WITHIN THE EXISTING LABORATORY SPACE BEING CONVERTED TO DENTAL LAB WILL BE REMOVED. FIXTURES THAT ARE BEING REPLACED WILL RE-USE EXISTING WASTE CONNECTION, AS LONG AS THEY ARE IN SERVICABLE CONDITION. ANY GALVANIZED PIPES WILL BE REMOVED AND REPLACED IN THEIR ENTIRETY. REMOVED FIXTURE VENT LINES WILL BE REMOVED BACK TO THE MAINS. WASTE LINES WILL BE CAPPED AT OR BELOW GRADE AS REQUIRED AND PATCHED. WATER LINES THAT WILL NOT BE RE-USED WILL BE DEMOLISHED BACK TO MAINS WITH A STUB NOT TO EXCEED 6 INCHES.

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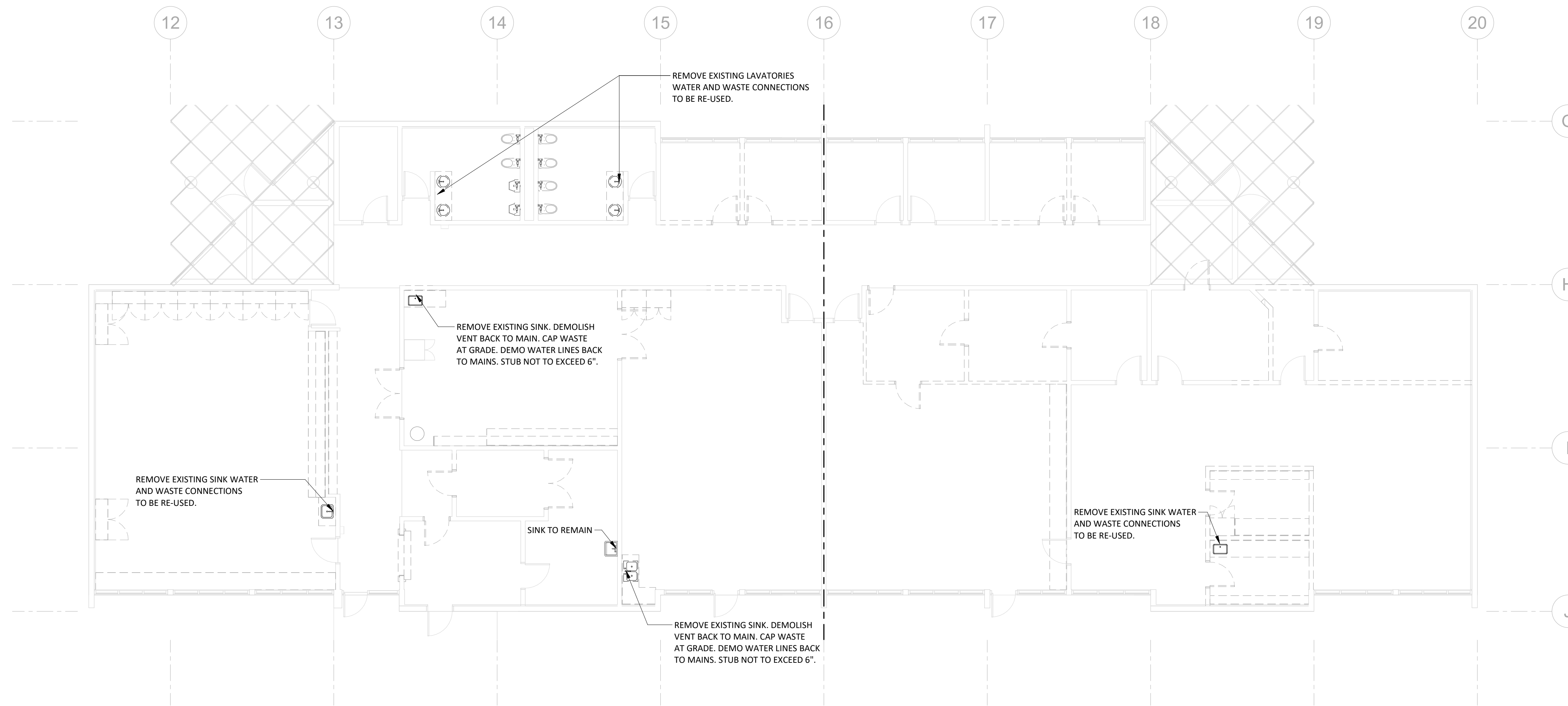
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**1** LEVEL 01 - PLUMBING - DEMOLITION  
 P1.10 1/8" = 1'-0"

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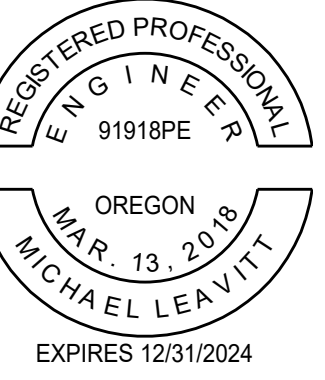
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Sheet Title:  
**LEVEL 01 -  
 PLUMBING  
 DEMOLITION**

Sheet No.  
**P1.10**

Job No.  
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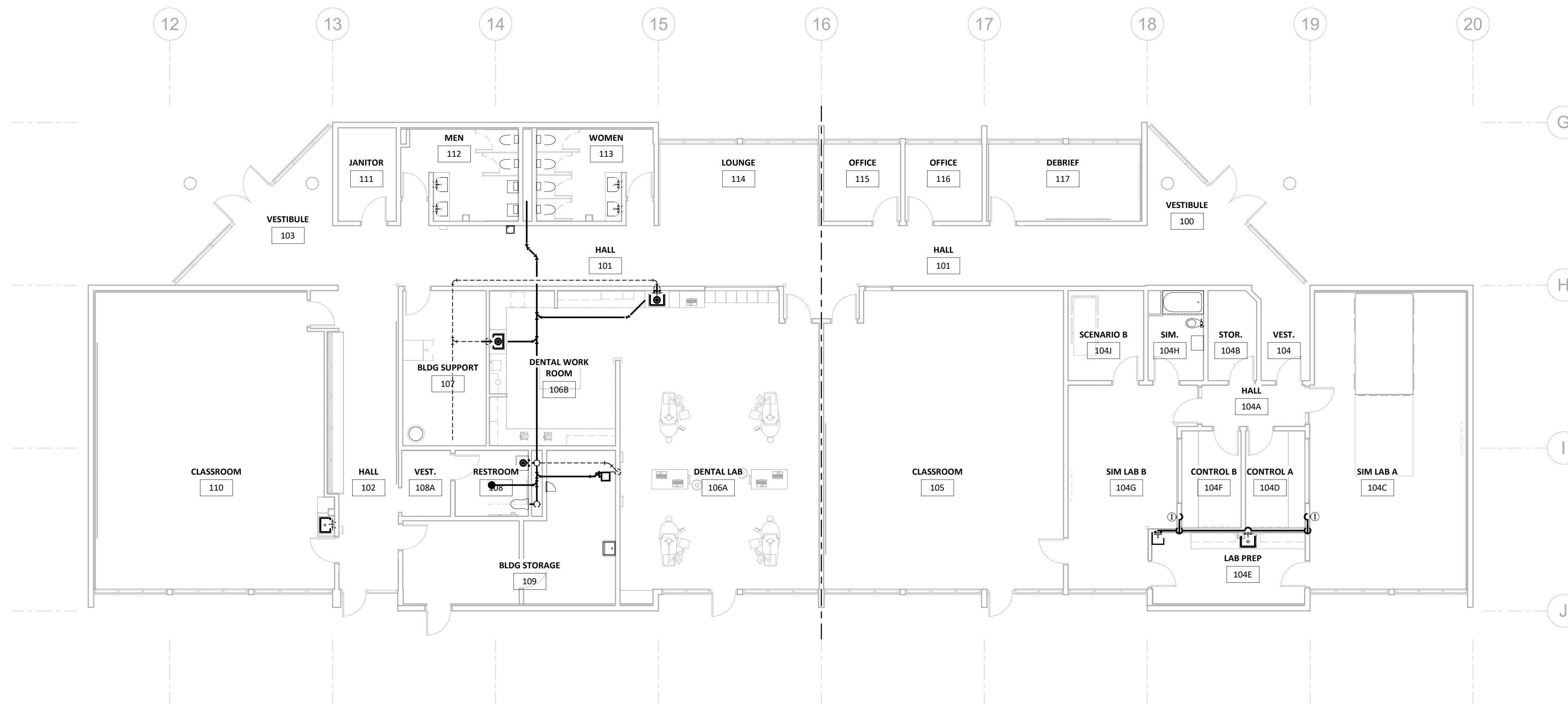


Project Name:

SUMNER HALL

Project Address:

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1 LEVEL 01 - WASTE - OVERALL  
 P2.10 1/8" = 1'-0"

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 WASTE -  
 OVERALL**

Sheet No.  
**P2.10**

Job No.  
**20220498**

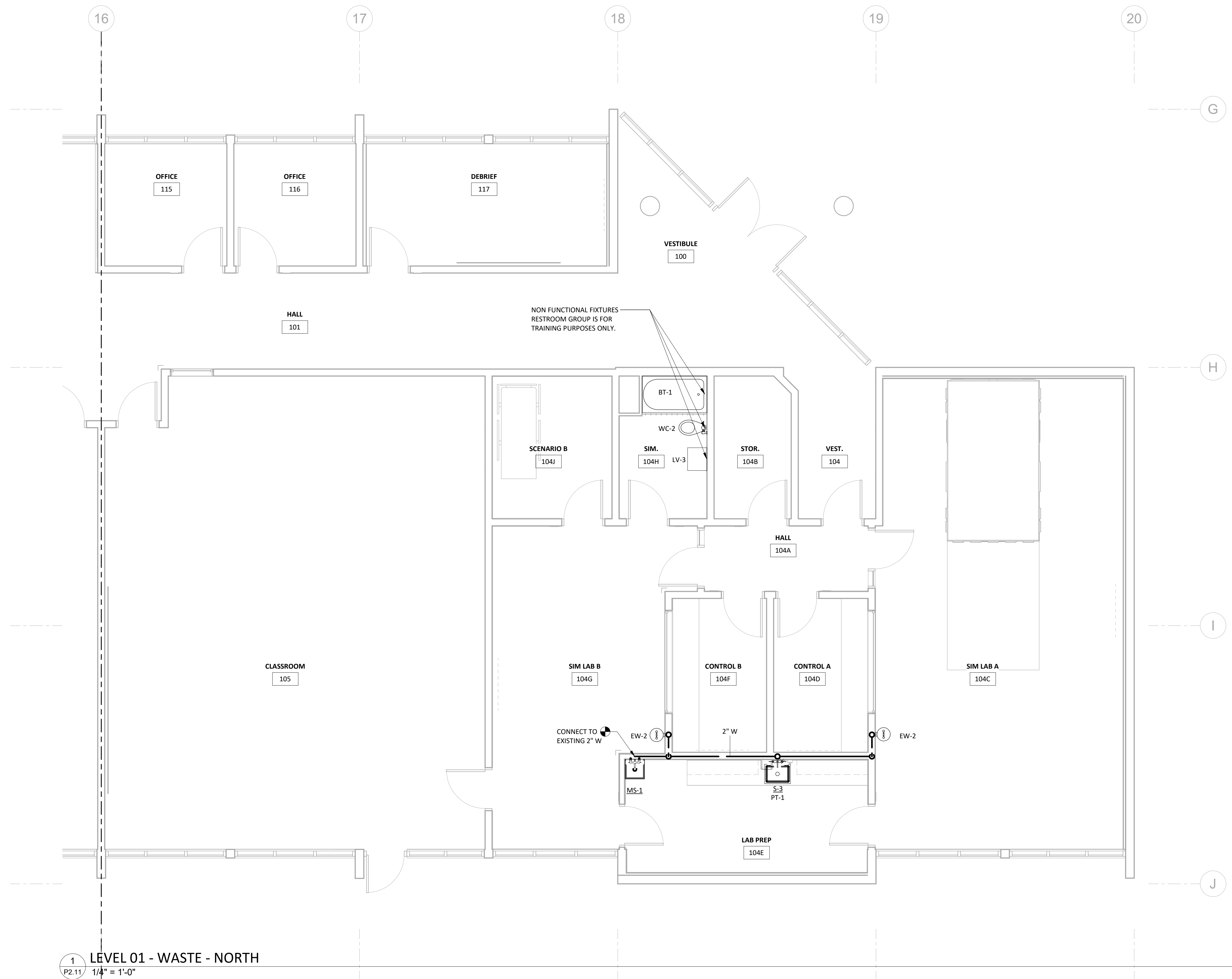


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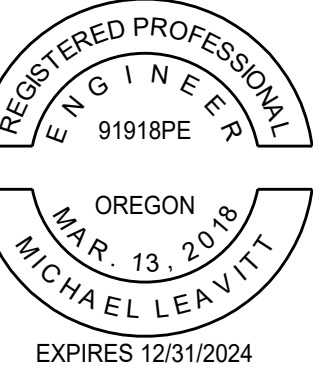
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Date: **03/03/2023**

Sheet Title:  
**LEVEL 01 -  
 WASTE - NORTH**

Sheet No.  
**P2.11**

Job No.  
**20220498**

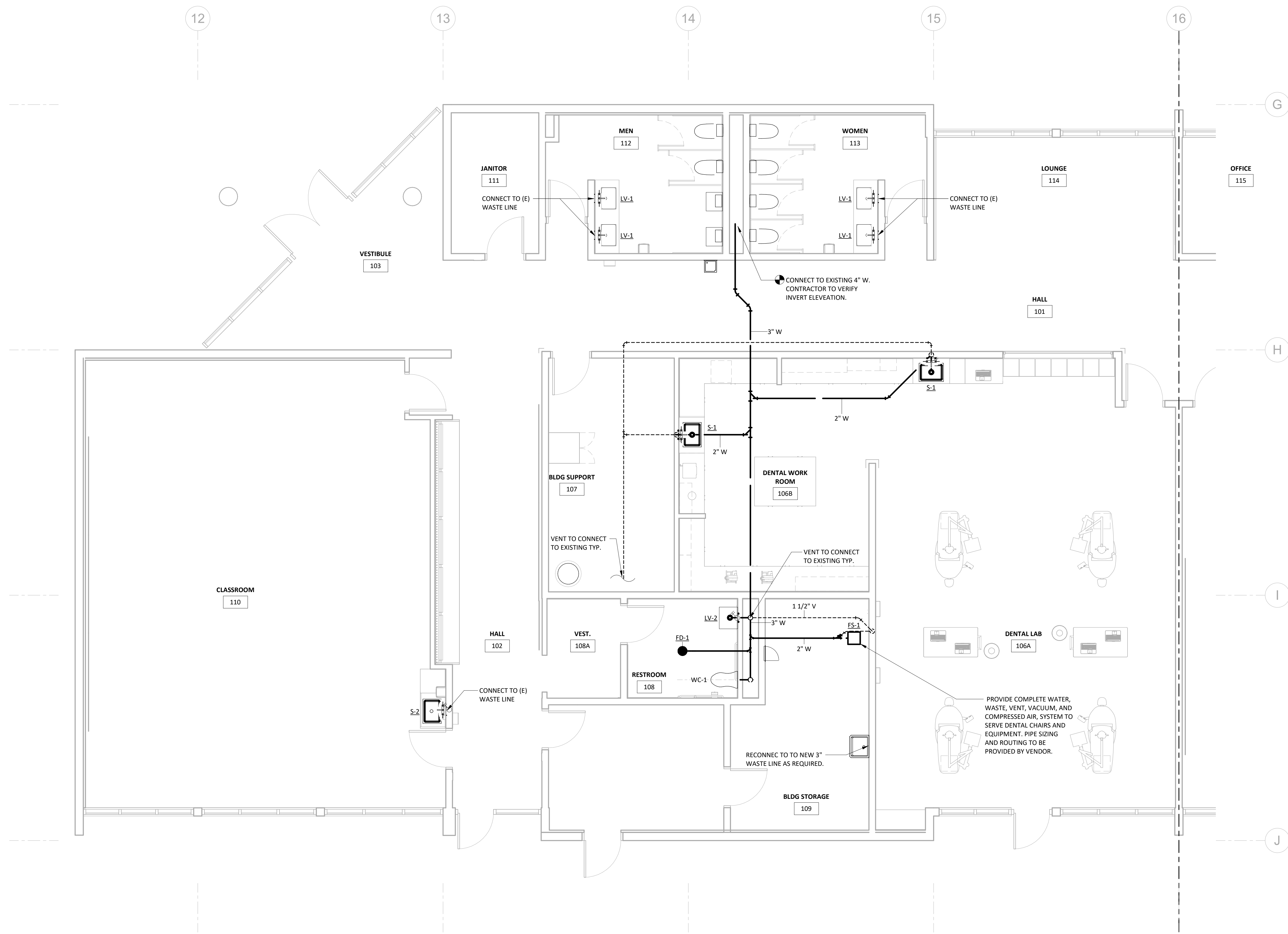


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1 LEVEL 01 - WASTE - SOUTH  
 P2.12 1/4" = 1'-0"

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**LEVEL 01 -  
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**P2.12**

Job No.:  
**20220498**



Project Owner:

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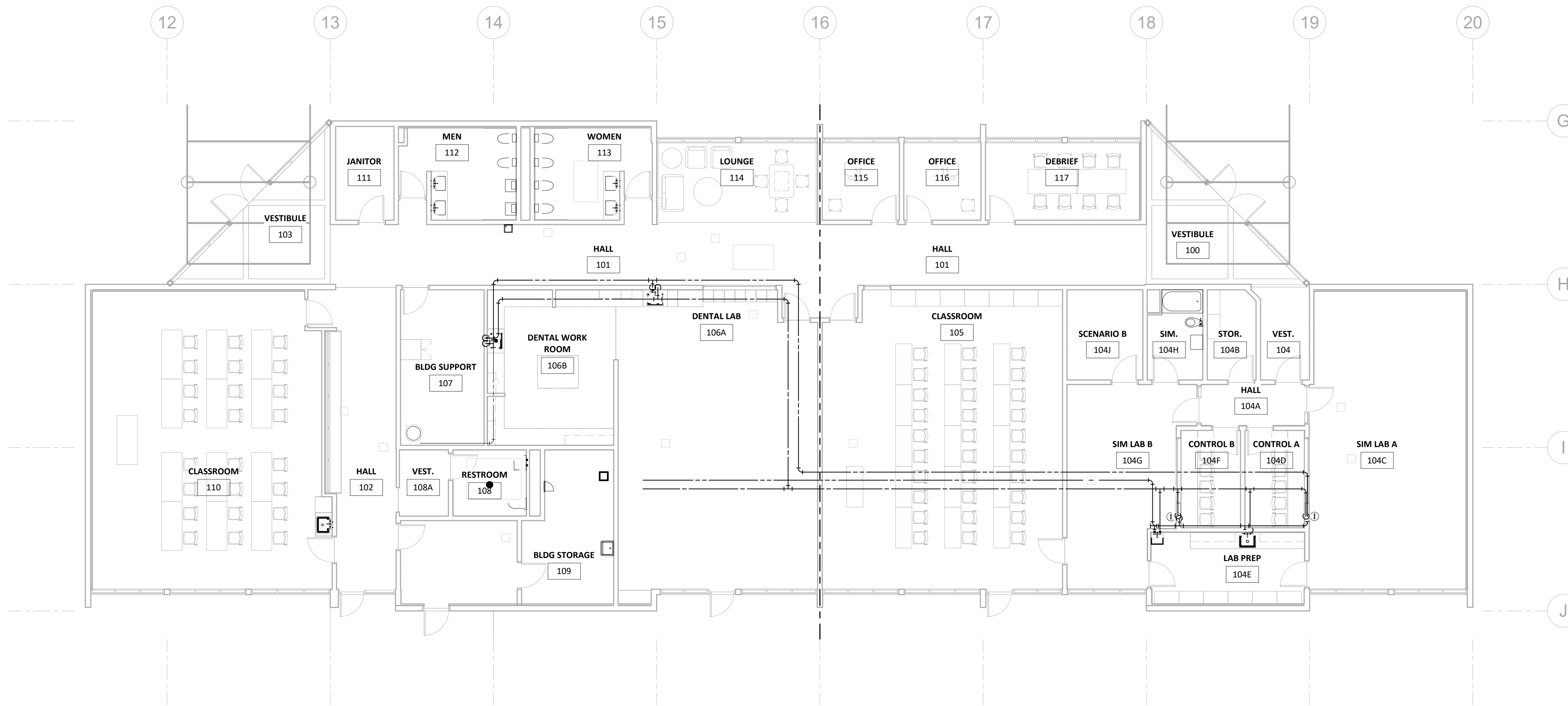


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1 LEVEL 01 - WATER - OVERALL  
 P3.10 1/8" = 1'-0"

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**P3.10**

Job No.  
**20220498**



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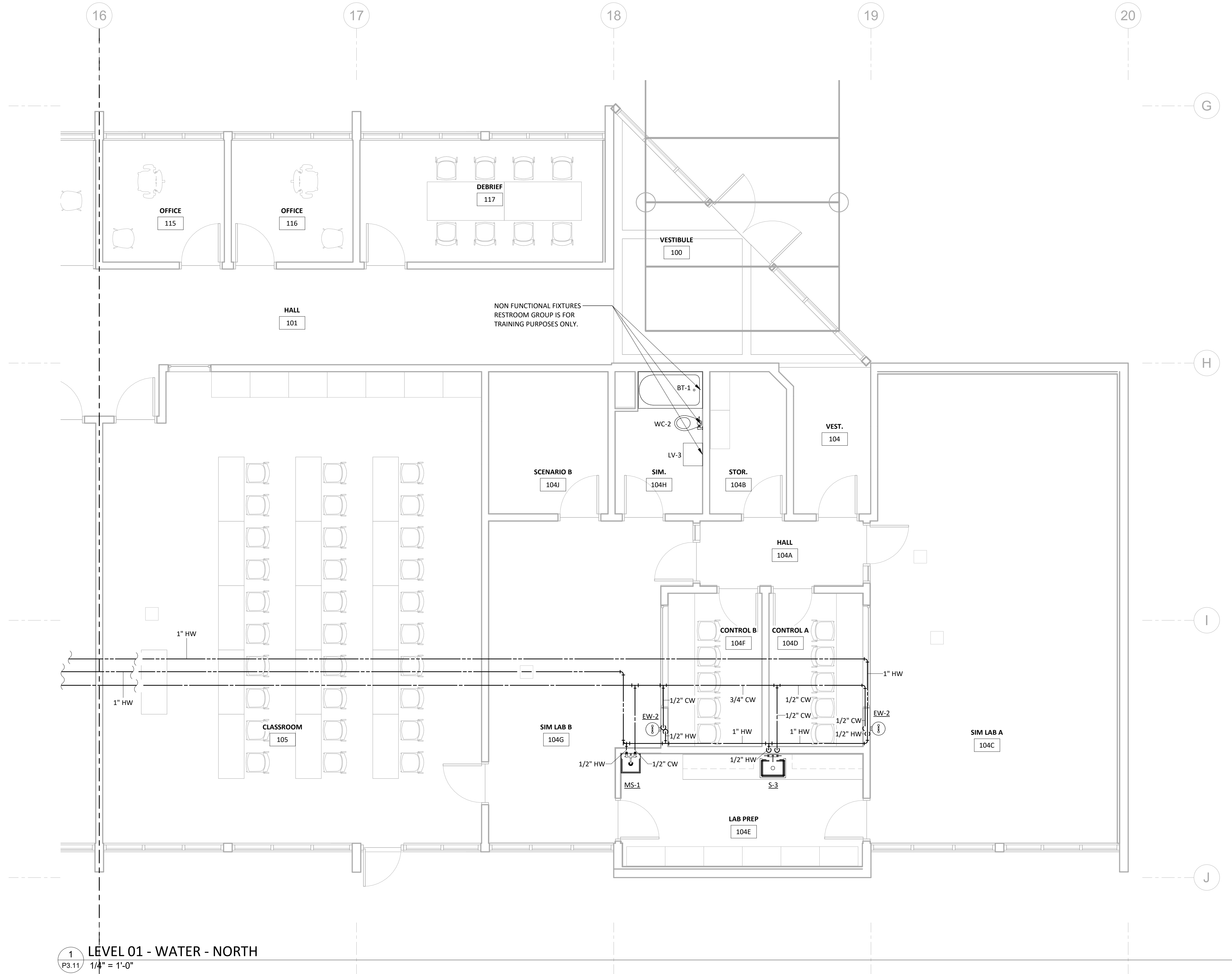


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1 LEVEL 01 - WATER - NORTH  
 P3.11 1/4" = 1'-0"

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**LEVEL 01 - WATER - NORTH**

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**P3.11**

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**20220498**

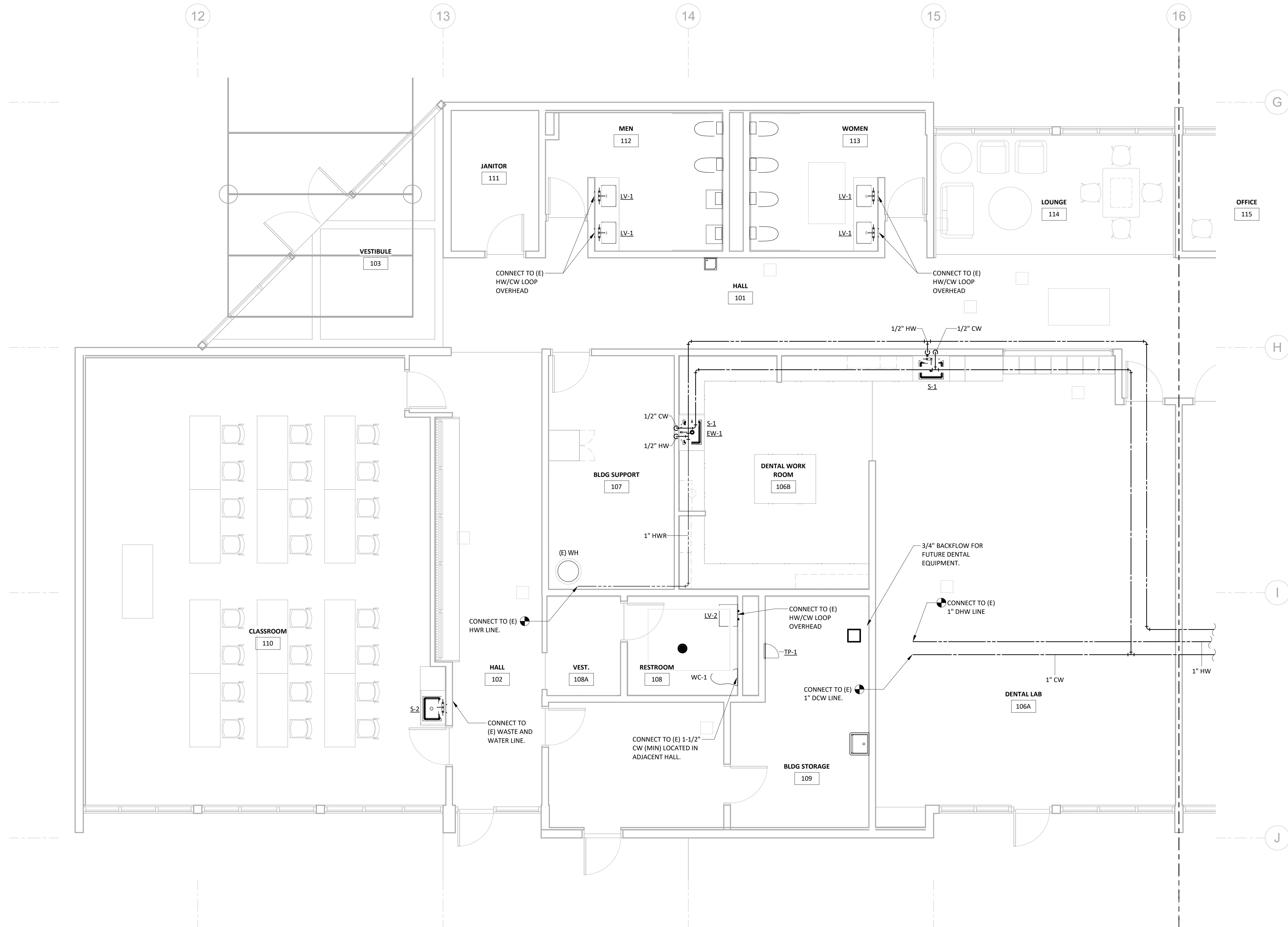


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**1** LEVEL 01 - WATER - SOUTH  
 P3.12 1/4" = 1'-0"

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**LEVEL 01 -  
 WATER - SOUTH**

Sheet No.:  
**P3.12**

Job No.:  
**20220498**



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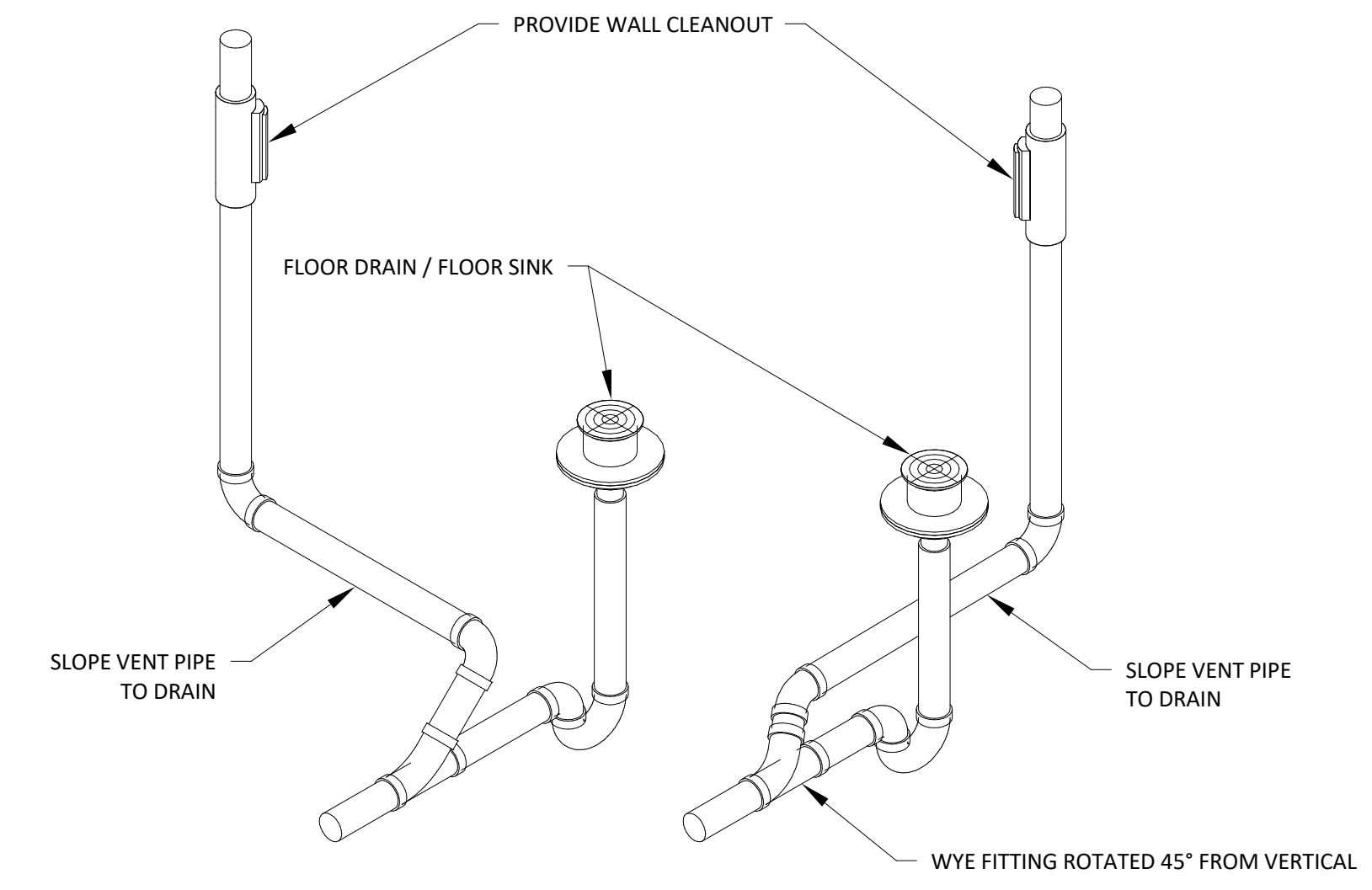


Project Name:

**SUMNER HALL**

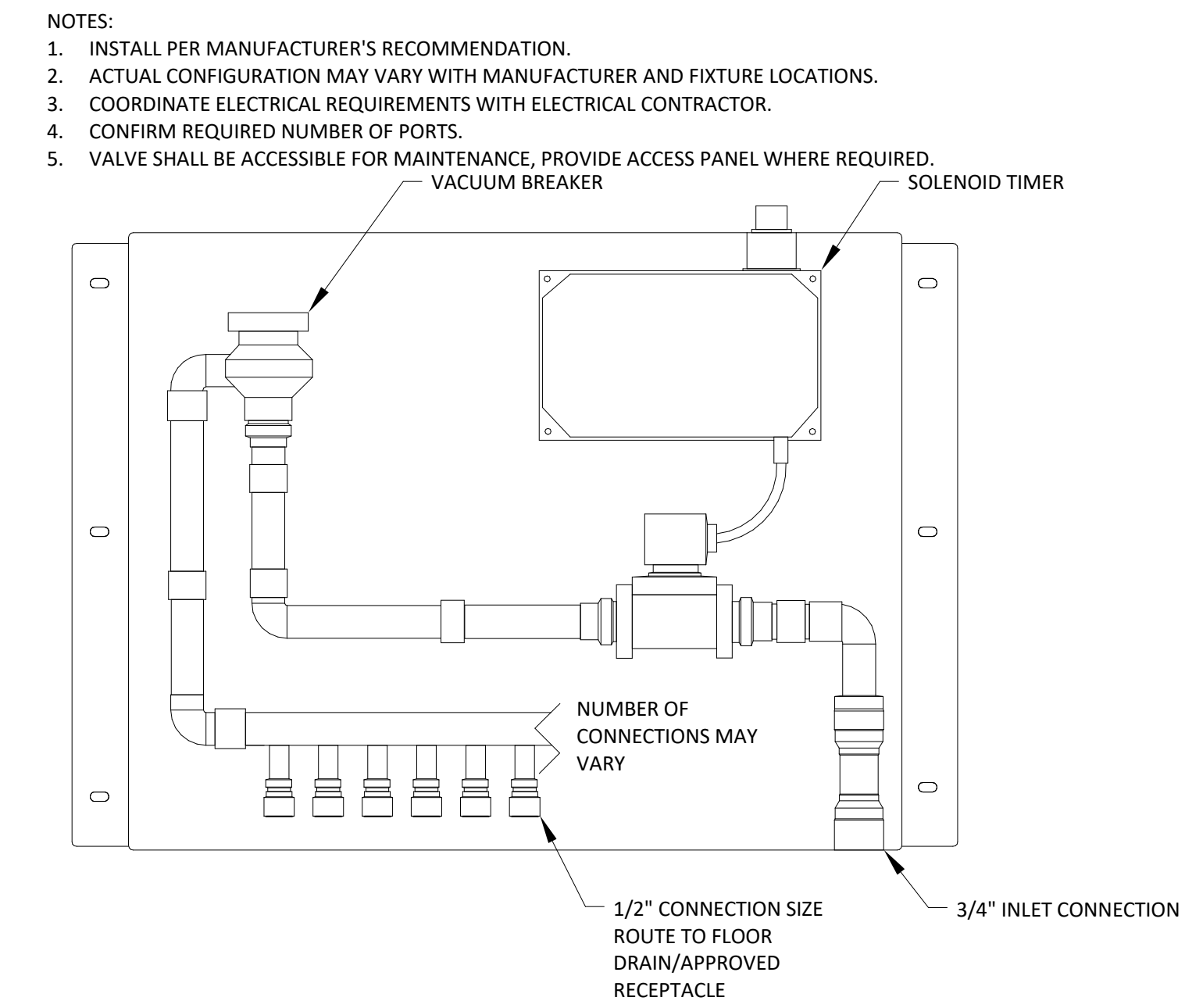
Project Address:

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- NOTES:  
 1. INSTALL PER LOCAL CODE.

**1**  
 P6.01 / NTS  
**HORIZONTAL VENT DETAIL**



- NOTES:  
 1. INSTALL PER MANUFACTURER'S RECOMMENDATION.  
 2. ACTUAL CONFIGURATION MAY VARY WITH MANUFACTURER AND FIXTURE LOCATIONS.  
 3. COORDINATE ELECTRICAL REQUIREMENTS WITH ELECTRICAL CONTRACTOR.  
 4. CONFIRM REQUIRED NUMBER OF PORTS.  
 5. VALVE SHALL BE ACCESSIBLE FOR MAINTENANCE. PROVIDE ACCESS PANEL WHERE REQUIRED.

**2**  
 P6.01 / NTS  
**ELECTRONIC TRAP PRIMER DETAIL**

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Revisions to Sheet

Revision	Date

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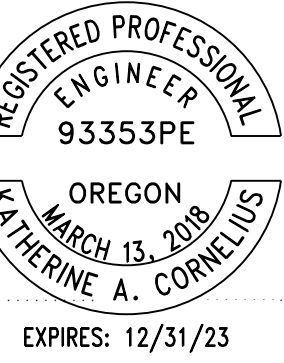
Date: **03/03/2023**

Sheet Title: **PLUMBING - DETAILS**

Sheet No. **P6.01**

Job No. **20220498**





Project Owner:  
**SWOCC**

Project Name:  
**SUMNER HALL**

Project Address:  
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COOS BAY, OR 97420**

Key Plan

## ELECTRICAL LEGEND

### POWER SYMBOLS

SYMBOL	IDENTIFICATION
	MOTOR CONNECTION
	GENERATOR CONNECTION
	FUSED DISCONNECT SWITCH XX/XX/XX = AMP SWITCH/POLES/AMP FUSE
	NON-FUSED DISCONNECT SWITCH XX/XX/XX = AMP SWITCH/POLES/AMP FUSE
	JUNCTION BOX
	C = CEILING MOUNTED
	JUNCTION BOX WITH WHIP-STYLE CONNECTION TO POWERED FURNITURE; POWER AND/OR DATA
	TRANSFORMER; BOTTOM OF T DESIGNATES FRONT SIDE
	PANELBOARD OR TERMINAL CABINET; SURFACE MOUNTED
	PANELBOARD OR TERMINAL CABINET; FLUSH MOUNTED
	GROUND BUS BAR
	TRANSFORMER
	AUTOMATIC TRANSFER SWITCH
	NORMALLY OPEN CONTACT
	NORMALLY CLOSED CONTACT
	DRAWOUT CIRCUIT BREAKER; RATING AS SHOWN ON PLANS
	STATIONARY - CIRCUIT BREAKER; RATING AS SHOWN ON PLANS
	DISCONNECT; RATING AS SHOWN ON PLANS
	SWITCH AND FUSE; RATING AS SHOWN ON PLANS
	INVERTER
	GROUNDING POINT
	UTILITY METER

### LIGHTING SYMBOLS

SYMBOL	IDENTIFICATION
	LUMINAIRE; CEILING OR SURFACE MOUNTED
	LUMINAIRE; WALL MOUNTED
	AREA POLE WITH MOUNTED LUMINAIRE
	LUMINAIRE ON EMERGENCY POWER
	EXIT SIGN; CEILING MOUNTED; ARROWS AND FACES AS SHOWN ON PLANS
	EXIT SIGN; WALL MOUNTED; ARROWS AND FACES AS SHOWN ON PLANS
	EMERGENCY FIXTURE; DUAL LAMP HEAD

### WIRING DEVICE SYMBOLS

SYMBOL	IDENTIFICATION
	20A, 125V, DUPLEX RECEPTACLE OUTLET
	20A, 125V, DOUBLE DUPLEX RECEPTACLE OUTLET
	SPECIAL PURPOSE RECEPTACLE OUTLET; RATING AS SHOWN; +18" AFF TP CENTERLINE
	20A, 125V, SINGLE RECEPTACLE OUTLET
	A = ABOVE COUNTER
	C = CEILING MOUNTED
	G = GFCI
	S = SWITCHED RECEPTACLE
	T = TAMPER PROOF
	U = WITH (2) USB PORTS
	W = WEATHERPROOF COVER AND GFCI
	+#F = INCHES ABOVE FINISH FLOOR
	20A, 125V, DUPLEX RECEPTACLE OUTLET; FLOOR RECESSED
	20A, 125V, DOUBLE DUPLEX RECEPTACLE OUTLET; FLOOR RECESSED
	2-CHANNEL FLOOR BOX W/ (2) GANG POWER / (2) GANG DATA; PROVIDE 1" C. FROM EACH DATA OUTLET TO ACCESSIBLE CEILING SPACE. BASIS-OF-DESIGN: WIREMOLD 'RFB4'.
	COMMERCIAL CORD REEL RECEPTACLE; CEILING MOUNTED
	SINGLE POLE SWITCH
	3 = THREE WAY SWITCH
	4 = FOUR-WAY SWITCH
	D = DIMMER SWITCH
	K = KEY OPERATED SWITCH
	M = MOTOR RATED SWITCH
	S = DUAL TECH SENSOR SWITCH
	T = INTERVAL TIMER
	V = LOW VOLTAGE SWITCH
	W = SINGLE POLE WEATHERPROOF SWITCH
	PUSH BUTTON SWITCH
	OCCUPANCY LIGHT CONTROL SWITCH; CEILING MOUNTED
	OCCUPANCY LIGHT CONTROL SWITCH; WALL MOUNTED
	C = DUAL TECH WITH CORRIDOR PATTERN
	H = DUAL TECH WITH HIGH BAY SENSOR
	V = DUAL TECH WITH VACANCY SENSOR MODE
	PHOTOSENSOR; CEILING MOUNTED
	D = DIMMING
	S = SWITCHED
	PULL STATION
	HORN/STROBE COMBINATION; CEILING MOUNTED
	HORN/STROBE COMBINATION; WALL MOUNTED
	STROBE; CEILING MOUNTED
	FIRE RISER TAMPER SWITCH
	FIRE RISER FLOW SWITCH

### ABBREVIATIONS

ABBRV.	IDENTIFICATION
AC	ALTERNATING CURRENT
AF	ABOVE FINISH FLOOR
AF	FRAME RATING IN AMPERES
AS	SWITCH RATING IN AMPERES
AT	TRIP RATING IN AMPERES
ATS	AUTOMATIC TRANSFER SWITCH
AV	AUDIO VISUAL
C	CONDUIT
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
CFOI	CONTRACTOR FURNISHED, OWNER INSTALLED
CEC	CALIFORNIA ELECTRIC CODE
CL	CENTERLINE
CONN	CONNECTED
DC	DIRECT CURRENT
DPDT	DOUBLE POLE, DOUBLE THROW
DPST	DOUBLE POLE SINGLE THROW
(E)	EXISTING TO REMAIN
ELEV	ELEVATOR
EMT	ELECTRO METALLIC TUBING
EW	ELECTRIC WATER COOLER
EWHR	ELECTRIC WATER HEATER
FVNR	FULL-VOLTAGE, NON-REVERSING
FVR	FULL-VOLTAGE, REVERSING
G	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
IG	ISOLATED GROUND
LRC	LIGHTING RELAY CABINET
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
PH	PHASE
PP	POWER POLE
PTS	PNEUMATIC TUBE STATION
PVC	POLYVINYL CHLORIDE CONDUIT
(R)	RELOCATE EXISTING
RSC	RIGID STEEL CONDUIT
SPD	SURGE PROTECTION DEVICE
SPDT	SINGLE POLE, DOUBLE THROW
SPST	SINGLE POLE, SINGLE THROW
TB	TERMINAL BACKBOARD
TC	TERMINAL CABINET
TEL	TELEPHONE
UN	UNLESS OTHERWISE NOTED
VED	VARIABLE FREQUENCY DRIVE
W	WEATHERPROOF
WAP	WIRELESS ACCESS POINT
W/	WITH
(X)	REMOVE EXISTING
XFMR	TRANSFORMER
XP	EXPLOSION PROOF

### GENERAL ELECTRICAL NOTES:

- BID PACKAGE INCLUDES NEW DESIGN-BUILD FIRE ALARM SYSTEM. SEE FIRE PERFORMANCE SPECIFICATIONS AND DRAWINGS FOR DESIGN INTENT.
- BID PACKAGE INCLUDES NEW DESIGN-BUILD COMMUNICATIONS / DATA STRUCTURED CABLE SYSTEM. SEE DRAWINGS FOR SYSTEM CRITERIA, RACEWAYS/PATHWAYS, DEVICE LOCATIONS, AND CABLING AND EQUIPMENT REQUIREMENTS. CONTRACTOR TO PROVIDE ALL LOW VOLTAGE CABLING, EQUIPMENT AND IDF BUILD-OUT, AND TEST, TERMINATE AND LABEL ALL CABLING. HEAD END EQUIPMENT IN IDF PROVIDED BY OWNER. CONTRACTOR TO COORDINATE WITH COLLEGE IT DEPARTMENT TO DETERMINE BUILD-OUT AND SYSTEM REQUIREMENTS. BID PACKAGE INCLUDES NEW DESIGN-BUILD SECURITY, CCTV, AND ACCESS CONTROL. SEE DRAWINGS FOR RACEWAY/PATHWAYS AND ROUGH-IN LOCATIONS.
- DIVISION 26 CONTRACTOR TO COORDINATE FINAL EQUIPMENT CONNECTION TYPE FOR OFOI AND OFCI EQUIPMENT.
- ALL EXISTING TO REMAIN DEVICES TO BE REPLACED WITH NEW RECEPTACLE AND COVERPLATE.
- MAINTAIN CONTINUITY FOR ALL ELECTRICAL AND LOW VOLTAGE FEEDS TO SUNSET HALL DURING CONSTRUCTION.

### CONDUIT SYMBOLS

SYMBOL	IDENTIFICATION
	CONDUIT INSTALLED ABOVE FINISHED FLOOR OR GRADE
	CONDUIT INSTALLED BELOW FINISHED FLOOR OR BELOW GRADE
	INDICATES CONDUIT TURNING UP
	CONDUIT HOMERUN; ROUTE TO PANELBOARD, CABINET, OR TERMINAL BOARD INDICATED, AND TERMINATE CONDUCTORS TO CIRCUIT OVER CURRENT PROTECTIVE DEVICE

### TELECOM SYMBOLS

SYMBOL	IDENTIFICATION
	DATA OUTLET; PROVIDE DOUBLE GANG BOX WITH SINGLE GANG ADAPTER, 1" C. WITH PULL-STRING TO CABLE TRAY AND (2) CATEGORY 6 CABLES TO THE NEAREST TELECOM ROOM.
	CEILING MOUNTED WIRELESS ACCESS POINT OUTLET; PROVIDE DOUBLE GANG ADAPTER, 1" C. AND (1) CATEGORY 6 CABLE TO THE NEAREST TELECOM ROOM.
	2-CHANNEL FLOOR BOX W/ (4) GANG POWER / (4) GANG DATA; PROVIDE 1" C. AND (4) CATEGORY 6 CABLES FROM EACH TO ACCESSIBLE CEILING SPACE. BASIS-OF-DESIGN: WIREMOLD 'RFB4'.
	CAMERA; CEILING MOUNTED. PROVIDE DOUBLE GANG BACKBOX WITH SINGLE GANG ADAPTER, (1) CATEGORY 6 CABLE TO THE NEAREST TELECOM ROOM.

### DESIGNATION SYMBOLS

SYMBOL	IDENTIFICATION
	GRID LINE DESIGNATOR
	FEEDER DESIGNATION TAG
	SHEET KEYNOTE TAG
	MECHANICAL EQUIPMENT TAG
	CONTRACTOR EQUIPMENT TAG
	REVISION DELTA WITH REVISION NUMBER
	LETTER INDICATES FIXTURES CONTROL (WHERE SHOWN)
	NUMBER INDICATES CIRCUIT NUMBER (WHERE SHOWN)

### LEGEND NOTES:

- ALL SYMBOLS MAY NOT BE USED IN THIS PROJECT.
- SYMBOLS DO NOT ALWAYS REPRESENT REAL LIFE DIMENSIONS.
- SEE BOOK SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- SEE DETAIL SHEETS FOR TYPICAL MOUNTING HEIGHTS OF DEVICES.

### ELECTRICAL SHEET KEY

SHEET NUMBER	DESCRIPTION
E0.01	LEGEND
E0.02	LUMINAIRE SCHEDULE AND LIGHTING MATRIX
E1.10	LEVEL 01 - ELECTRICAL DEMOLITION
E2.11	LEVEL 01 - LIGHTING - NORTH
E2.12	LEVEL 01 - LIGHTING - SOUTH
E3.11	LEVEL 01 - POWER AND DATA - NORTH
E3.12	LEVEL 01 - POWER AND DATA - SOUTH
E4.11	LEVEL 01 - FIRE ALARM - NORTH
E4.12	LEVEL 01 - FIRE ALARM - SOUTH
E6.01	ONE-LINE DIAGRAMS
E7.01	SCHEDULES
E8.01	DETAILS

Status: **PERMIT AND BID DOCUMENTS**

Date: **03/03/2023**

Sheet Title:

**LEGEND**

Sheet No.

**E0.01**

Job No.

**20220498**



Project Owner:  
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Project Name:  
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Project Address:  
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LUMINAIRE SCHEDULE									
TYPE	DESCRIPTION / MOUNTING	FINISH	LISTINGS	DRIVER/POWER SUPPLY	LAMP(S)	INPUT POWER		MFG/CATALOG #	NOTES
						WATTS	UNIT		
L1	2" RECESSED LINEAR LED, 6FT LONG	BLACK	ETL	277V, 0-10V DIMMING	LED, 4000K, 2,296 LUMENS, 80 CRI	21W	EA	FINELIGHT: #HP2-R-D-6FT-S-840-F-96LG-277-SC-FC10-VF-FE-FB	
L3	LED UNDERCABINET LIGHT	WHITE	ETL, DAMP	277V, 0-10V DIMMING	LED, 4000K, 273 LUMENS/FT 80 CRI	3W	LF	QTRAN - FLAT WIDE FIXTURE: WE1SW-3.0-DMP-STD-DF-XX-XX-CLS-WH-CL832-SST-ST-XX POWER SUPPLY: QZ AS REQ'D-UNV-24V-PH/010-WH OR EQUAL	1. LENGTHS TO BE CONFIRMED WITH ARCHITECTURAL DWGS AND FIELD CONDITIONS. 2. PROVIDE INPUT/OUTPUT WIRING, CONNECTORS AND MOUNTING CLIPS AS REQUIRED FOR CONTINUOUS SEAMLESS INSTALLATION. 3. FIXTURE/WIRE CONNECTIONS TO BE CLEAN AND CONCEALED FROM ALL VIEW/SITE LINES.
P3	2" DIRECT LINEAR LED PENDANT, SURFACE MOUNT PENDANT, 7 FT LONG	WHITE	ETL	277V, 0-10V DIMMING	LED, 4000K, 4,284 LUMENS, 80 CRI	47.6W	EA	FINELIGHT: #HP2-P-D-7FT-H-840-F-96LG-277-SC-FC10-FA50-C4-FE-SW	
R1	2'X4' VOLUMETRIC RECESSED LED	WHITE	CSA, DLC	MVOLT, 0-10V DIMMING 10%	LED, 4000K, 4600 LUMENS, 82 CRI	38W	EA	LITHONIA: #2BLT4-46L-ADP-MVOLT-GZ10-LP840	
R4	4" RECESSED LED, ROUND CAN	WHITE	CSA, WET	MVOLT, 0-10V DIMMING 10%	LED, 4000K, 2000 LUMENS, 80 CRI	22W	EA	LITHONIA: #LDN4-40/20+04-AR-1SS-MVOLT-GZ10	
R5	2" RECESSED LED LINEAR SLOT	WHITE	ETL	120-277V, 0-10V DIMMING 1% <sup>A</sup>	LED, 4000K, 500 LUMENS/FT, 80 CRI	5W	LF	LUMENWERX: #V2PERS-HLO-SW-80-500-40-##-UNV-D1-1-DTR-W	PROVIDE FIXTURE LENGTHS AS SHOWN ON PLANS
S1	4' LED STRIP	WHITE	CSA, DLC	MVOLT	LED, 4000K, 4298 LUMENS, 80 CRI	35.3W	EA	LITHONIA: #CSS-L48-4000LM-MVOLT-40K-80CRI	
W1	4" LED WALL MOUNTED CYLINDER	TBD	CSA, DLC, WET	MVOLT, 0-10V DIMMING 10%	LED, 4000K, 4500 LUMENS, CRI	40.1W	EA	GOTHAM: #EVOWC-40/45-AR-1SS-MWD-MVOLT-GZ10-JBX-DN-E6W-XX	PROVIDE WITH INTEGRAL EMERGENCY BATTERY PACK
<b>NOTES:</b> 1. THIS LUMINAIRE SCHEDULE IS NOT COMPLETE WITHOUT A COPY OF THE PROJECT MANUAL CONTAINING THE ELECTRICAL SPECIFICATIONS. 2. DIMMING CONTROL PROTOCOL (0-10VDC, LINE VOLTAGE, DALI, ETC.) COMPATIBLE WITH LIGHTING CONTROL SYSTEM AS SPECIFIED AND SHOWN ON DRAWINGS. 3. PROVIDE +/- 12 INCH ADJUSTABILITY IN AIRCRAFT CABLE LENGTH WHERE USED. 4. COORDINATE ALL CEILING TYPES WITH LUMINAIRE LOCATIONS PRIOR TO ORDERING LUMINAIRES. COORDINATE INSTALLATION WITH REFLECTED CEILING PLAN. 5. SPECIFIED MANUFACTURERS ARE APPROVED TO SUBMIT BID. INCLUSION DOES NOT RELIEVE MANUFACTURER FROM SUPPLYING PRODUCT AS DESCRIBED. 6. PROVIDE SUBMITTALS THAT INCLUDE THE LUMINAIRE, LAMP AND BALLAST INFORMATION OF EACH LUMINAIRE, WITH APPLICABLE OPTIONS CLEARLY CHECKED OR HIGHLIGHTED. SUBMITTALS NOT INCLUDING THIS INFORMATION WILL BE RETURNED AS REJECTED BY THE ENGINEER OF RECORD. 7. REMOTE BALLASTS/DRIVERS: UL LISTED FOR THEIR APPLICATION. BALLASTS/DRIVERS MARKED AS UL RECOGNIZED COMPONENT BUT NOT UL LISTED ARE SUBJECT TO REMOVAL AND REPLACEMENT AT NO COST TO OWNER. 8. PROVIDE COMMISSIONING OF THE LIGHTING AND LIGHTING CONTROLS IN ACCORDANCE WITH OREGON STATE LIGHTING COMMISSIONING REQUIREMENTS.									

LIGHTING CONTROL MATRIX: SPACE BY SPACE			
ROOM NAME	TYPE OF CONTROLS	CONTROL FUNCTIONS	PRODUCT BASIS OF DESIGN
EXTERIOR VESTIBULES	EXISTING CONTROLS, NO CHANGE		
HALLS	NEW RELAY PANEL 'LCP1' WITH INTEGRAL ASTRONOMICAL TIME CLOCK, CEILING OCCUPANCY SENSOR	AUTO ON/OFF VIA LCP1 SCHEDULE, AUTO ON/OFF AFTER HOURS VIA OCCUPANCY SENSOR, MANUAL OVERRIDES VIA LCP1	NLIGHT: #ARP SERIES RELAY PANEL, 8-SIZE #NCM SERIES OCCUPANCY SENSOR
LABS AND CLASSROOMS	WALL SWITCH, DIMMING, CEILING OCCUPANCY SENSOR	AUTO ON TO 50% AND AUTO OFF VIA SENSOR SWITCH MANUAL CONTROL VIA WALL SWITCH	NLIGHT: #NCM SERIES OCCUPANCY SENSOR #NPODMA SERIES WALL SWITCH
PRIVATE OFFICES AND CONTROL ROOMS	SENSOR SWITCH, DIMMING	AUTO ON TO 50%, MANUAL ON TO 100%, DIMMING, AUTO OFF, VIA SENSOR SWITCH	NLIGHT: #WSX SERIES OCCUPANCY SENSOR
RESTROOMS	CEILING OCCUPANCY SENSOR	AUTO ON/OFF VIA OCCUPANCY SENSOR	NLIGHT: #NCM SERIES OCCUPANCY SENSOR
STORAGE	SENSOR SWITCH, DIMMING	AUTO ON TO 50%, MANUAL ON TO 100%, DIMMING, AUTO OFF, VIA SENSOR SWITCH	NLIGHT: #WSX SERIES OCCUPANCY SENSOR
EGRESS LIGHTING	EXISTING CONTROLS/CIRCUITS, NEW UL924 RELAY AS NEEDED	EGRESS LIGHTING FORCE ON TO 100% UPON LOSS OF NORMAL POWER	
EXIT SIGNS	EXISTING CONTROLS/CIRCUITS, NEW UL924 RELAY AS NEEDED	EXIT SIGNS TO STAY ON UPON LOSS OF NORMAL POWER	
BACK OF HOUSE	STANDARD TOGGLE SWITCH	MANUAL CONTROL ONLY	DIVISION 26 TO PROVIDE STANDARD TOGGLE SWITCH
<b>NOTES:</b> 1. SELECT AND PROVIDE QUANTITY OF UL 924 RELAYS AS REQUIRED IN EACH SPACE FOR EGRESS LIGHTING FUNCTIONALITY. 2. PROVIDE QUANTITY OF POWER PACKS AND OTHER LIGHTING CONTROL ACCESSORIES REQUIRED FOR FUNCTIONALITY DESCRIBED.			

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Revisions to Sheet  
Revision \_\_\_\_\_ Date \_\_\_\_\_

Status: **PERMIT AND BID DOCUMENTS**

Date: **03/03/2023**

Sheet Title:  
**LUMINAIRE SCHEDULE AND LIGHTING MATRIX**

Sheet No.: **E0.02**

Job No.: **20220498**

**GENERAL ELECTRICAL NOTES:**

- A. ALL EXISTING INTERIOR LIGHTING TO BE REMOVED. REMOVE EXISTING SWITCHES, CONTROL DEVICES, AND BRANCH CIRCUIT WIRING BACK TO SOURCE.
- B. ALL EXISTING RECEPTACLES, DATA OUTLETS, DEVICES, ELECTRICAL DISTRIBUTION EQUIPMENT TO REMAIN, U.O.N.
- C. MAINTAIN EXISTING FEEDER, BRANCH CIRCUIT WIRING, AND CONNECTIONS TO ALL EXISTING EQUIPMENT AND DEVICES, U.O.N.
- D. REMOVE EXISTING BRANCH CIRCUIT WIRING TO DEVICES AND EQUIPMENT TO BE DEMOLISHED BACK TO SOURCE, AND MAINTAIN CONTINUITY OF BRANCH CIRCUITING TO DEVICES TO REMAIN. CONTRACTOR TO FIELD VERIFY EXACT LOCATIONS OF EXISTING DEVICES AND EXISTING BRANCH CIRCUIT WIRING TO EQUIPMENT/DEVICES TO REMAIN.
- F. MAINTAIN CONNECTIONS TO ALL EXISTING TO REMAIN MECHANICAL AND PLUMBING EQUIPMENT. REFER TO MECHANICAL AND PLUMBING PLANS FOR ADDITIONAL INFORMATION.

BEND | CORVALLIS | MEDFORD  
 MONTEREY | NAPA | SANTA CRUZ

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**SHEET KEYNOTES** #

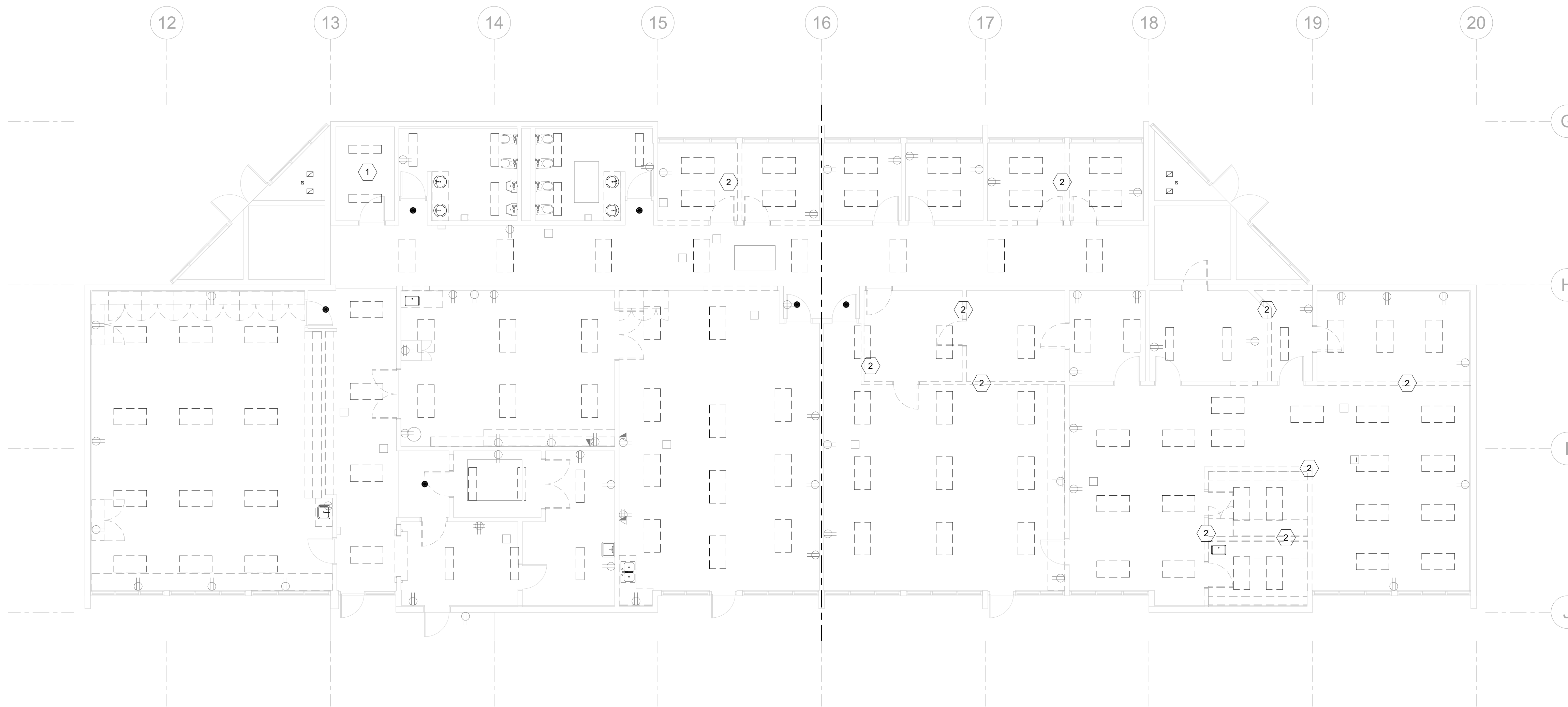
- 1. MAINTAIN ALL EXISTING ELECTRICAL EQUIPMENT. FIELD VERIFY ALL EXISTING ELECTRICAL DISTRIBUTION EQUIPMENT AND CONNECTIONS.
- 2. REMOVE ALL EXISTING ELECTRICAL DEVICES AND ASSOCIATED WIRING LOCATED ON EXISTING WALL TO BE DEMOLISHED. MAINTAIN CONTINUITY OF EXISTING BRANCH CIRCUITS AND CABLING TO ALL EXISTING DEVICES TO BE IMPACTED BY DEMOLITION.

Project Owner:  
**SWOCC**



Project Name:  
**SUMNER HALL**

Project Address:  
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**1** LEVEL 01 - ELECTRICAL - DEMOLITION  
 E1.10 1/8" = 1'-0"

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Revisions to Sheet

Revision	Date

Status: **PERMIT AND BID DOCUMENTS**

Date: **03/03/2023**

Sheet Title:  
**LEVEL 01 -  
 ELECTRICAL  
 DEMOLITION**

Sheet No.  
**E1.10**

Job No.  
**20220498**

**GENERAL ELECTRICAL NOTES:**

- A. CIRCUIT DESIGNATIONS SHOWN ON THIS SHEET ARE TO PANEL 'CL1' UNLESS OTHERWISE NOTED.
- B. ALL EXIT SIGNS AND EMERGENCY LIGHTING TO BE CIRCUITED VIA EMERGENCY LIGHTING INVERTER.
- C. PROVIDE QUANTITY OF UL524 RELAYS AS REQUIRED TO ALLOW EGRESS LIGHTING TO SWITCH WITH NORMAL LIGHTING.
- D. ALL EMERGENCY LIGHTING TO BE CIRCUITED VIA CENTRAL EMERGENCY LIGHTING INVERTER, 1.0 KVA OR GREATER.
- E. 'LCP1' RELAY DESIGNATIONS SHOWN IN PARENTHESES, (RH) TO RELAY #.

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**SHEET KEYNOTES** #

- 1. REMOVE POWER SUPPLY. FIELD COORDINATE ACCESSIBLE LOCATION.
- 2. REMOVE AND REPLACE EXISTING LIGHT FIXTURE WITH NEW. RECONNECT.

Project Owner:

SWOCC

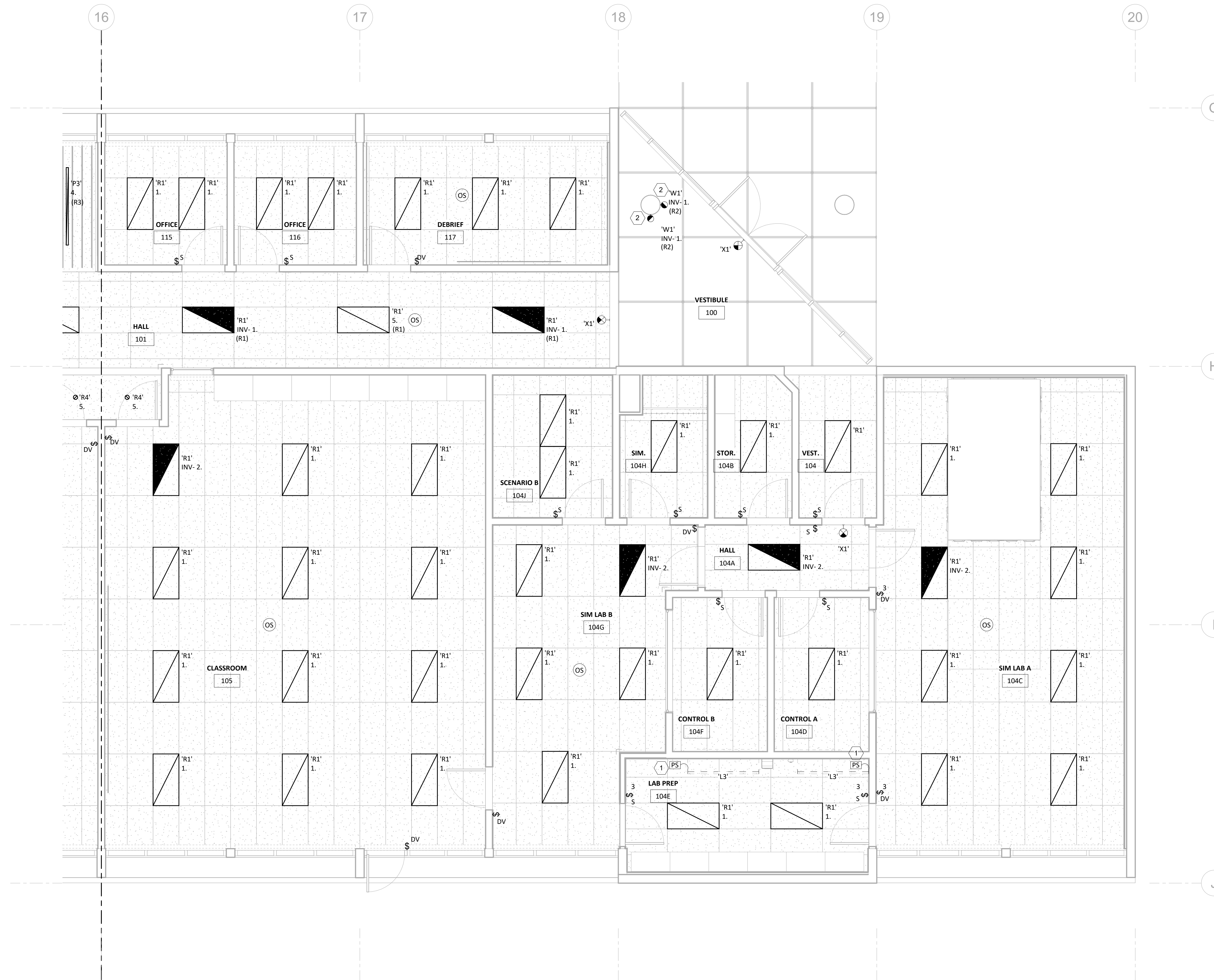


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1 LEVEL 01 - LIGHTING - NORTH  
 E2.11 1/4" = 1'-0"

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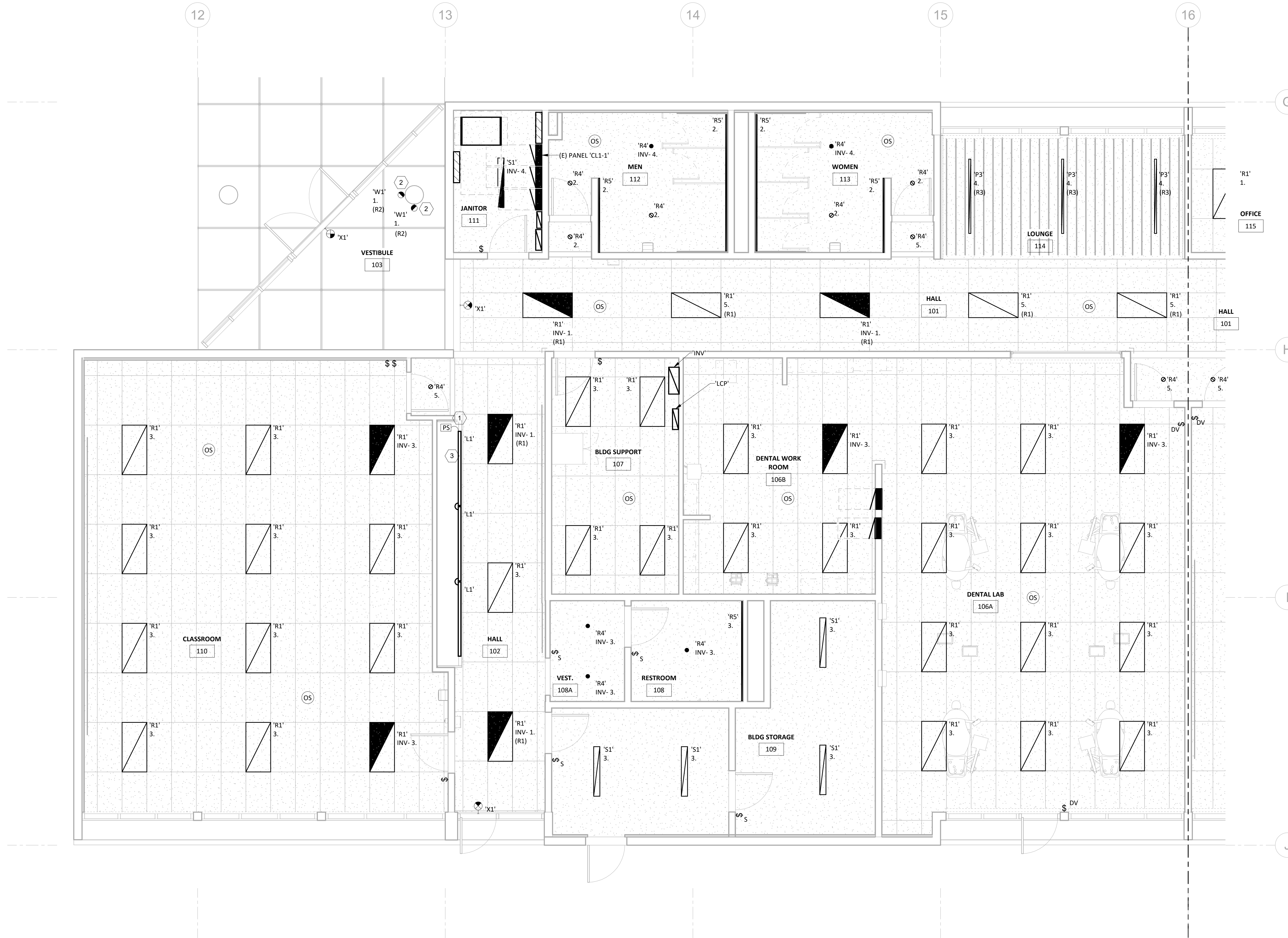
LEVEL 01 -  
 LIGHTING -  
 NORTH

Sheet No.:

E2.11

Job No.:

20220498



**GENERAL ELECTRICAL NOTES:**

- A. CIRCUIT DESIGNATIONS SHOWN ON THIS SHEET ARE TO PANEL 'CL1' UNLESS OTHERWISE NOTED.
- B. ALL EXIT SIGNS AND EMERGENCY LIGHTING TO BE CIRCUITED VIA EMERGENCY LIGHTING INVERTER.
- C. PROVIDE QUANTITY OF UL524 RELAYS AS REQUIRED TO ALLOW EGRESS LIGHTING TO SWITCH WITH NORMAL LIGHTING.
- D. ALL EMERGENCY LIGHTING TO BE CIRCUITED VIA CENTRAL EMERGENCY LIGHTING INVERTER, 1.0 KVA OR GREATER.
- E. 'LCP1' RELAY DESIGNATIONS SHOWN IN PARENTHESES, (RH) TO RELAY #.

**SHEET KEYNOTES** #

- 1. REMOTE POWER SUPPLY. FIELD COORDINATE ACCESSIBLE LOCATION.
- 2. REMOVE AND REPLACE EXISTING LIGHT FIXTURE WITH NEW. RECONNECT.
- 3. RECESSED TAPELIGHT INSTALLED IN DISPLAY CASE AT TOP FRONT EDGE.

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Revisions to Sheet  
Revision Date

**1** LEVEL 01 - LIGHTING - SOUTH  
E2.12 1/4" = 1'-0"

Status: **PERMIT AND BID DOCUMENTS**

Date: **03/03/2023**

Sheet Title:  
**LEVEL 01 -  
LIGHTING -  
SOUTH**

Sheet No.  
**E2.12**

Job No.  
**20220498**

### GENERAL ELECTRICAL NOTES:

- A. COORDINATE LOCATION OF ALL DEVICES WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
- B. PROVIDE DEDICATED NEUTRAL TO EACH BRANCH CIRCUIT, U.O.N.
- C. CONTRACTOR TO FIELD VERIFY EXACT LOCATION AND EXISTING DEVICES AND EXISTING BRANCH CIRCUITING PRIOR TO BEGINNING WORK. MAINTAIN CONTINUITY OF EXISTING BRANCH CIRCUIT WIRING TO EQUIPMENT/DEVICES TO REMAIN.
- D. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATIONS OF EQUIPMENT AND ADDITIONAL ELECTRICAL REQUIREMENTS.
- E. COORDINATE EXACT LOCATION, MOUNTING HEIGHTS, OUTLET NEMA CONFIGURATIONS AND CONNECTION REQUIREMENTS OF ALL GYM EQUIPMENT WITH OWNER.
- F. ALL EXISTING TO REMAIN DEVICES TO BE REPLACED WITH NEW RECEPTACLE AND COVERPLATE.
- G. ALL CIRCUIT DESIGNATIONS THIS SHEET TO PANEL 'CR2' U.O.N.

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### SHEET KEYNOTES #

1. INSTALL POWER AND DATA HIGH ON WALL FOR SHORT THROW PROJECTOR. COORDINATE MOUNTING HEIGHT WITH OWNER IT DEPARTMENT PRIOR TO ROUGH-IN.
2. PROVIDE 1" C. WITH (1) CAT6 FROM FLOOR BOX TEACHING STATION TO PROJECTOR LOCATION.
3. INSTALL POWER AND DATA AT +66" AFF FOR WALL MOUNTED MONITOR. CONFIRM MOUNTING HEIGHT AND LOCATION PRIOR TO ROUGH-IN.
4. MAINTAIN EXISTING IDF RACK, PROTECT IN PLACE
5. PROVIDE SURFACE MOUNTED RACEWAY EQUIVALENT TO WIREMOLD PLUGMOLD 2000 SERIES, WITH SINGLE RECEPTACLES 12" O.C.
6. PROVIDE TWO-CHANNEL, DUAL-COVER ALUMINUM SURFACE RACEWAY, EQUIVALENT TO LEGRAND WIREMOLD ALA4800 SERIES OR EQUAL. PROVIDE DUPLEX RECEPTACLE WITH (2) USB OUTLETS, AND 2-PORT DATA OUTLET EVERY 24". PROVIDE END FITTINGS, DEVICE PLATES, AND ALL COMPONENTS FOR A COMPLETE INSTALLATION.
7. INSTALL CEILING MOUNTED CAMERA, OFCI. CONFIRM LOCATION WITH OWNERS.
8. INSTALL RECEPTACLES BELOW COUNTER AT 18" AFF.
9. SAW CUT EXISTING SLAB TO INSTALL POWER AND DATA CONDUITS TO NEW FLOOR BOX.
10. FLOOR MOUNTED DUPLEX RECEPTACLE AT BASE OF DENTAL CHAIR. REFER TO DENTAL DRAWINGS FOR EXACT LOCATION AND REQUIREMENTS.

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Revisions to Sheet	
Revision	Date

Status: **PERMIT AND BID DOCUMENTS**

Date: **03/03/2023**

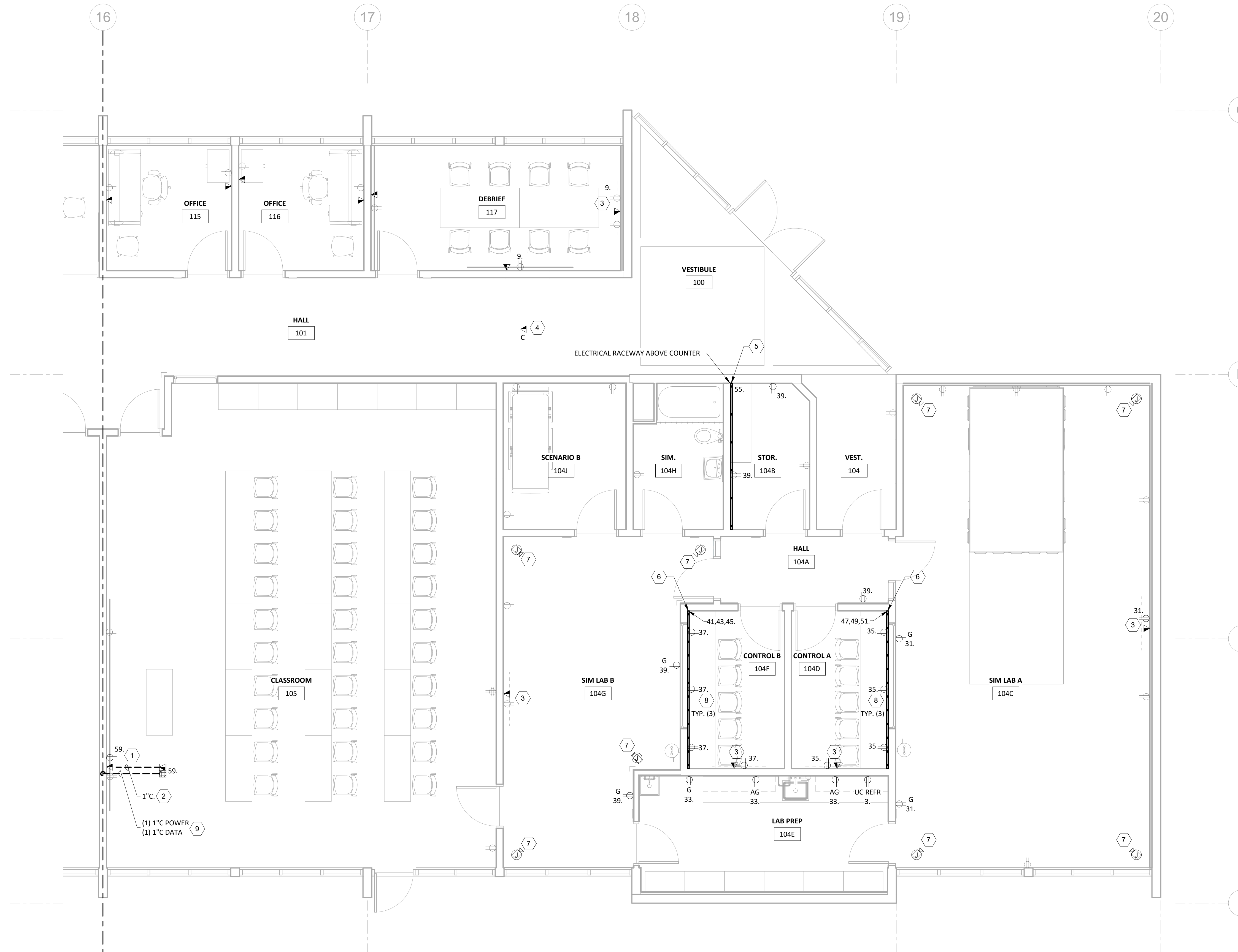
Sheet Title:  
**LEVEL 01 -  
 POWER AND  
 DATA - NORTH**

Sheet No.:

**E3.11**

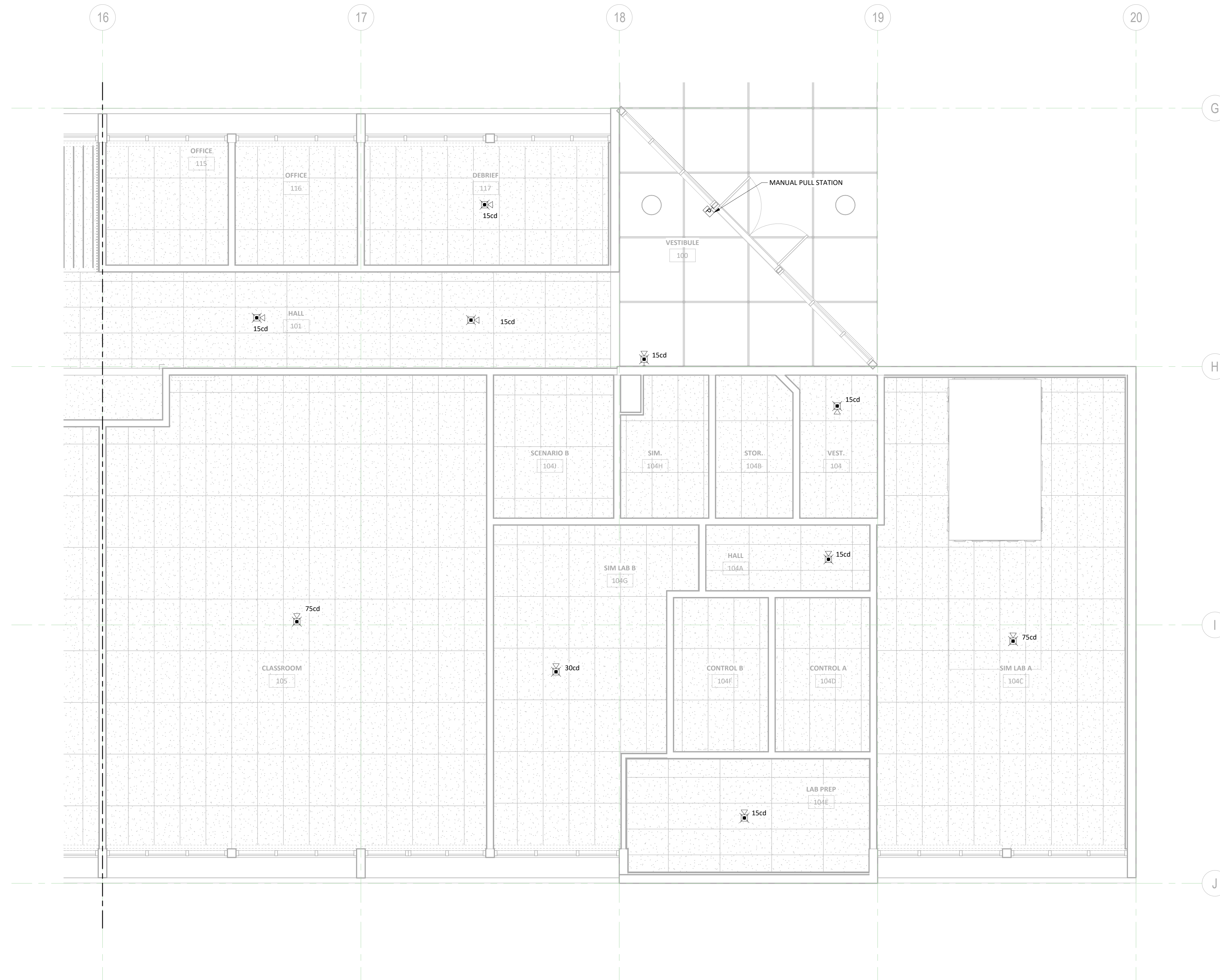
Job No.:

**20220498**



**1** LEVEL 01 - POWER AND DATA - NORTH  
 E3.11/ 1/4" = 1'-0"





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Revisions to Sheet  
 Revision Date

1 LEVEL 01 - FIRE ALARM - NORTH  
 E4.11 1/4" = 1'-0"

Status: **PERMIT AND BID DOCUMENTS**

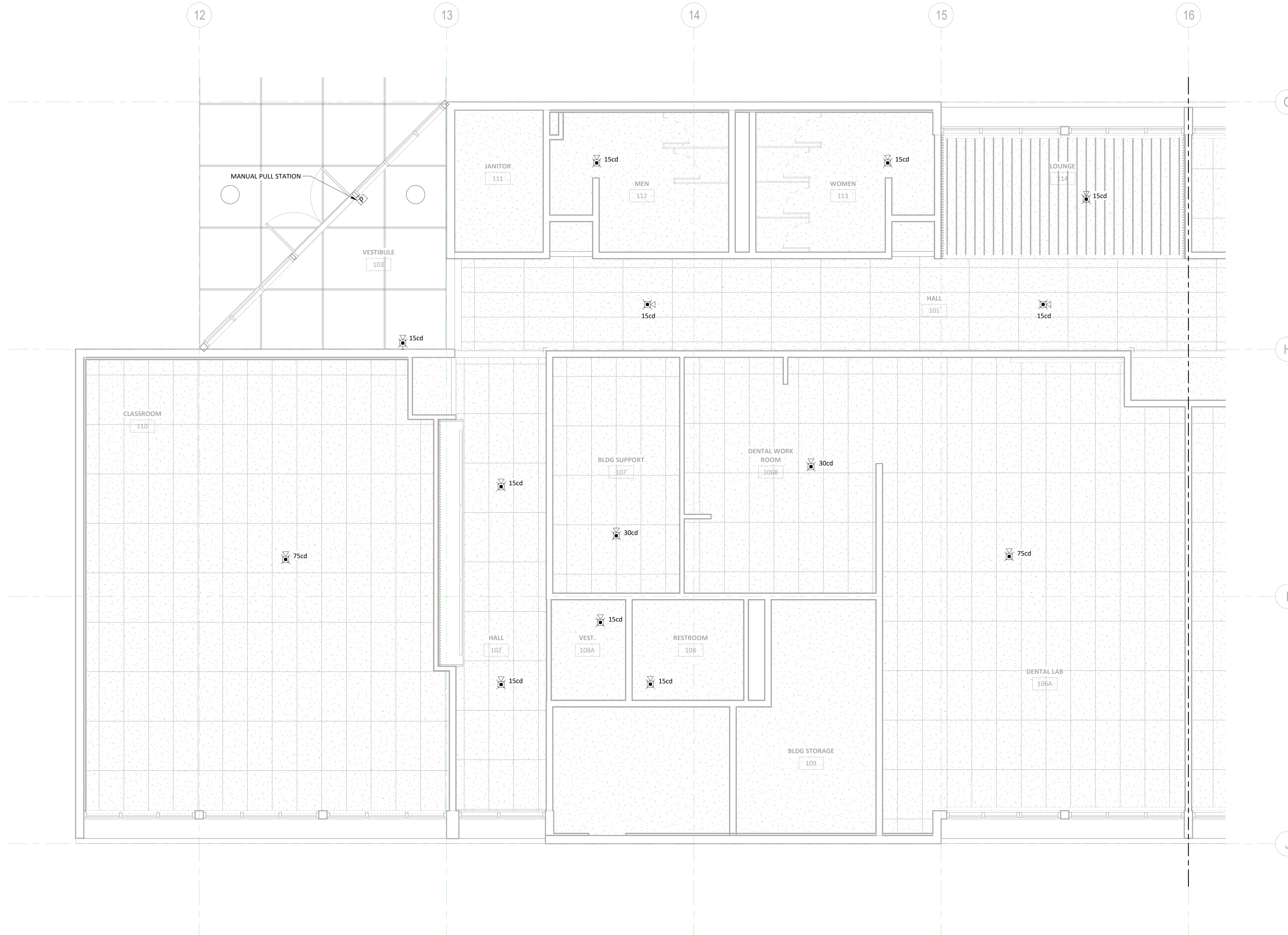
Date: **03/03/2023**

Sheet Title:  
**LEVEL 01 - FIRE ALARM - NORTH**

Sheet No.  
**E4.11**

Job No.  
**20220498**





1 LEVEL 01 - FIRE ALARM - SOUTH  
 E4.12 1/4" = 1'-0"

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**LEVEL 01 - FIRE ALARM - SOUTH**

Sheet No.  
**E4.12**

Job No.  
**20220498**



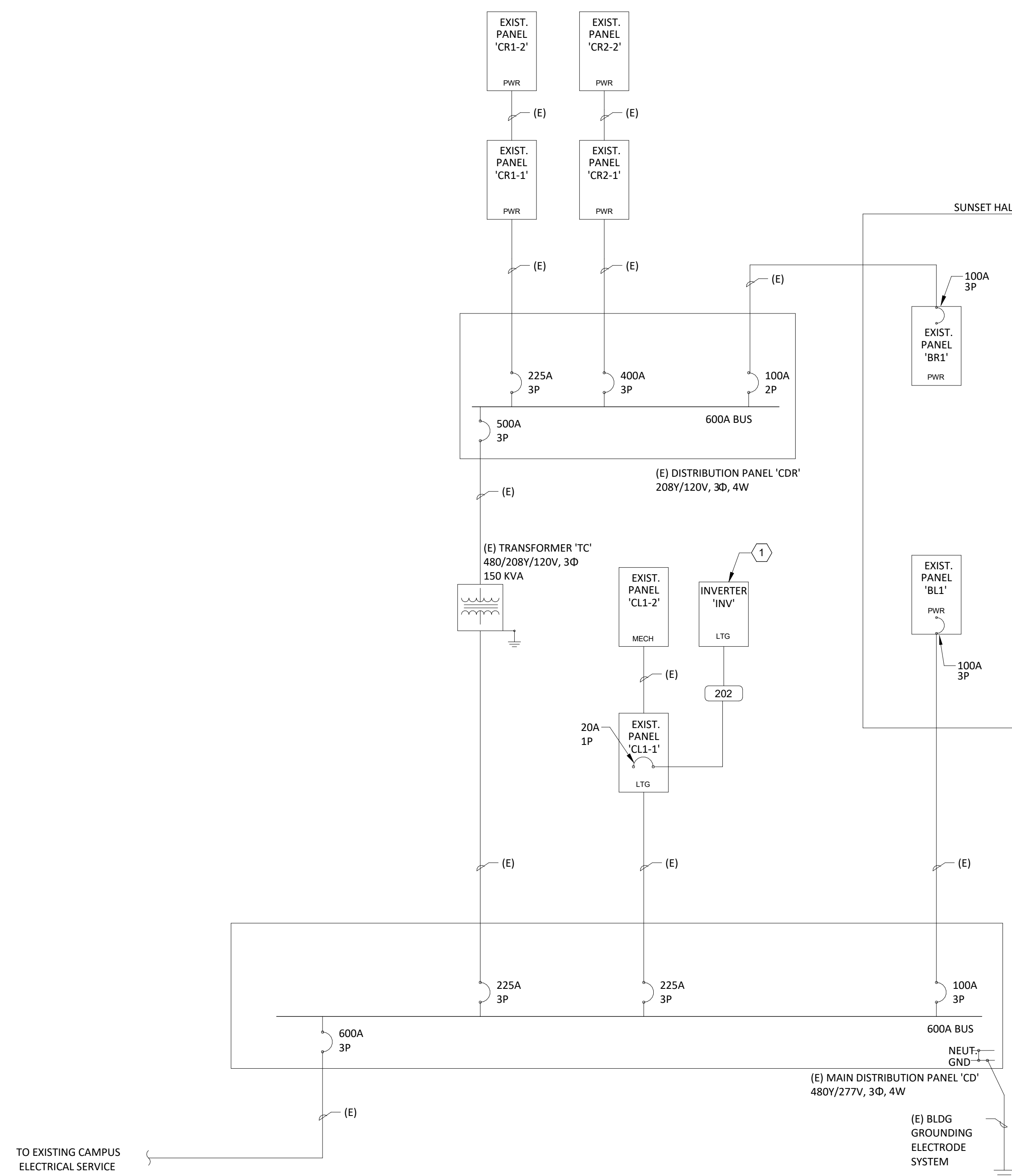
FEEDER SCHEDULE (COPPER)	
FEEDER DESIGNATION	CONDUCTOR QUANTITY, SIZE (AWG/KMIL), & CONDUIT (INCHES)
202	2 #12 CU THWN-2, 1 #12 CU GND., IN 3/4" C.

**GENERAL SHEET NOTES**

- A. PROVIDE RED OR BLACK NAMEPLATE ON ALL ELECTRICAL DISTRIBUTION EQUIPMENT.
- B. PROVIDE PERMANENT ARC-FLASH WARNING LABELS ON ALL ELECTRICAL DISTRIBUTION EQUIPMENT, INCLUDING SWITCHBOARDS AND PANELS, INDICATING POTENTIAL ARC FLASH HAZARDS, PER NEC 110.16.
- C. ALL PANELBOARDS AND EQUIPMENT ARE EXISTING TO REMAIN, U.O.N. PROVIDE NEW CIRCUIT BREAKERS AS REQUIRED FOR NEW LOADS AS INDICATED IN PANEL SCHEDULES.

**SHEET KEYNOTES**

- 1. PROVIDE NEW EMERGENCY LIGHTING INVERTER EQUIVALENT TO MEYERS POWER PRODUCTS #LV-5-R-1-B-20-06-B, 1.0KVA OR GREATER.



1 ONE-LINE DIAGRAM  
E6.01 12" = 1'-0"

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ONE-LINE DIAGRAMS

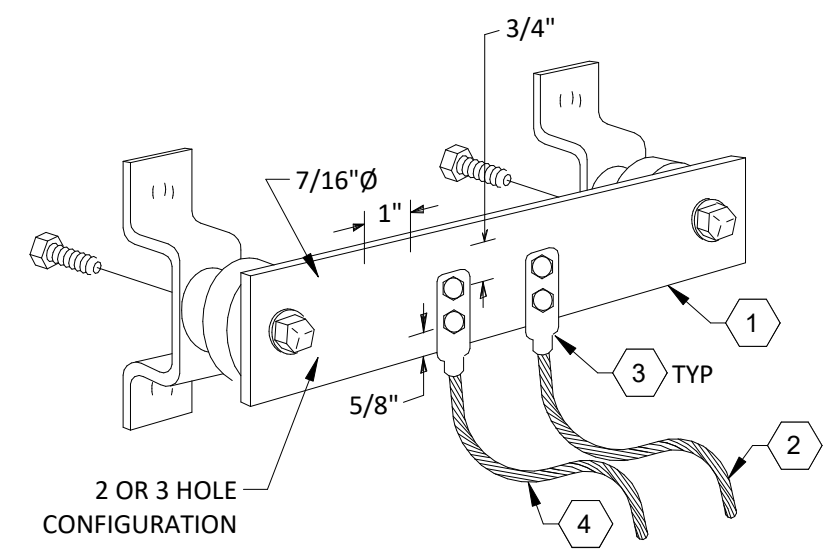
Sheet No.:

E6.01

Job No.:

20220498

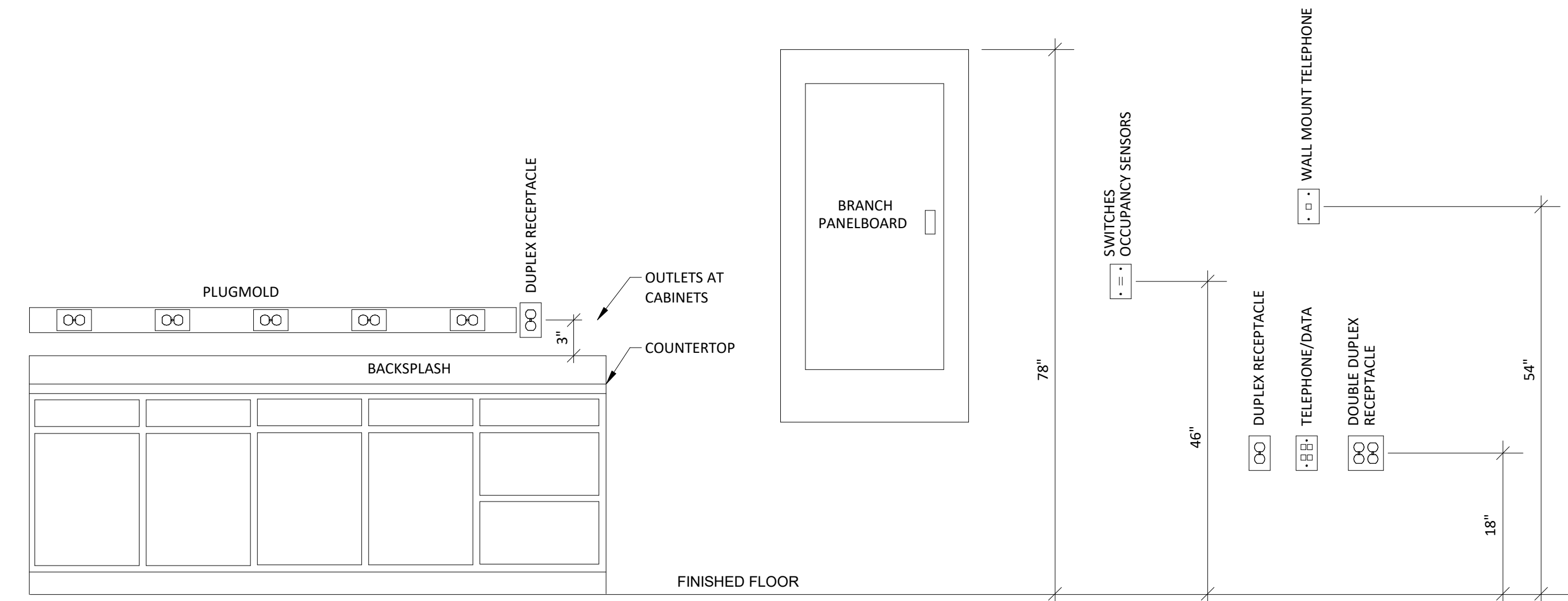




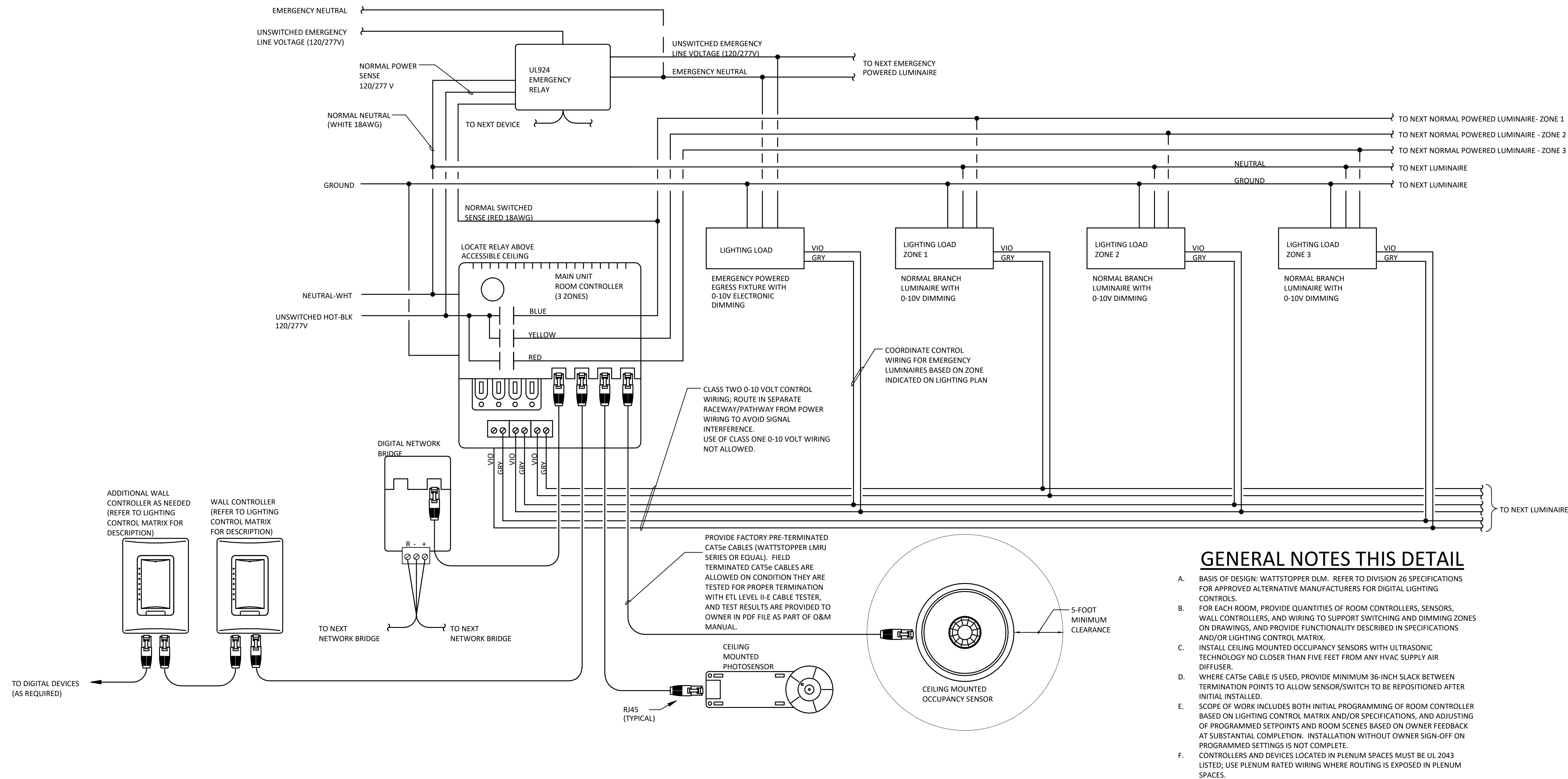
**DETAIL KEYNOTES**

1. COPPER GROUND BAR, TMGB - 1/4"x4"x20", TGB - 1/4"x4"x10", HOLE CENTERS TO MATCH NEMA DOUBLE LUG CONFIGURATION.
2. 3/0 BARE COPPER GROUND CONDUCTOR TO MAIN SERVICE EQUIPMENT GROUND OR TBB.
3. 2-HOLE LUG.
4. 3/0 BARE COPPER GROUND CONDUCTOR TO BUILDING STEEL.

**3**  
E8.01 NTS  
**GROUND BUS BAR DETAIL**



**2**  
E8.01 NTS  
**TYPICAL MOUNTING HEIGHTS**



**GENERAL NOTES THIS DETAIL**

- A. BASIS OF DESIGN: WATTSTOPPER DLM. REFER TO DIVISION 26 SPECIFICATIONS FOR APPROVED ALTERNATIVE MANUFACTURERS FOR DIGITAL LIGHTING CONTROLS.
- B. FOR EACH ROOM, PROVIDE QUANTITIES OF ROOM CONTROLLERS, SENSORS, WALL CONTROLLERS, AND WIRING TO SUPPORT SWITCHING AND DIMMING ZONES ON DRAWINGS, AND PROVIDE FUNCTIONALITY DESCRIBED IN SPECIFICATIONS AND/OR LIGHTING CONTROL MATRIX.
- C. INSTALL CEILING MOUNTED OCCUPANCY SENSORS WITH ULTRASONIC TECHNOLOGY NO CLOSER THAN FIVE FEET FROM ANY HVAC SUPPLY AIR DIFFUSER.
- D. WHERE CAT5e CABLE IS USED, PROVIDE MINIMUM 36-INCH SLACK BETWEEN TERMINATION POINTS TO ALLOW SENSOR/SWITCH TO BE REPOSITIONED AFTER INITIAL INSTALLATION.
- E. SCOPE OF WORK INCLUDES BOTH INITIAL PROGRAMMING OF ROOM CONTROLLER BASED ON LIGHTING CONTROL MATRIX AND/OR SPECIFICATIONS, AND ADJUSTING OF PROGRAMMED SETPOINTS AND ROOM SCENES BASED ON OWNER FEEDBACK AT SUBSTANTIAL COMPLETION. INSTALLATION WITHOUT OWNER SIGN-OFF ON PROGRAMMED SETTINGS IS NOT COMPLETE.
- F. CONTROLLERS AND DEVICES LOCATED IN PLENUM SPACES MUST BE UL 2043 LISTED; USE PLENUM RATED WIRING WHERE ROUTING IS EXPOSED IN PLENUM SPACES.

**1**  
E8.01 NTS  
**DLM DETAIL**



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Sheet Title:  
**DETAILS**

Sheet No.  
**E8.01**

Job No.  
**20220498**