opsis

Coaledo Hall

SWOCC

1988 Newmark Avenue, Coos Bay, OR 97420

BID & PERMIT DOCUMENTS

March 3, 2023

EDA AWARD NUMBER: 07-1-07738

ARCHITECT Opsis Architecture | MECHANICAL / PLUMBING / ELECTRICAL ColeBreit

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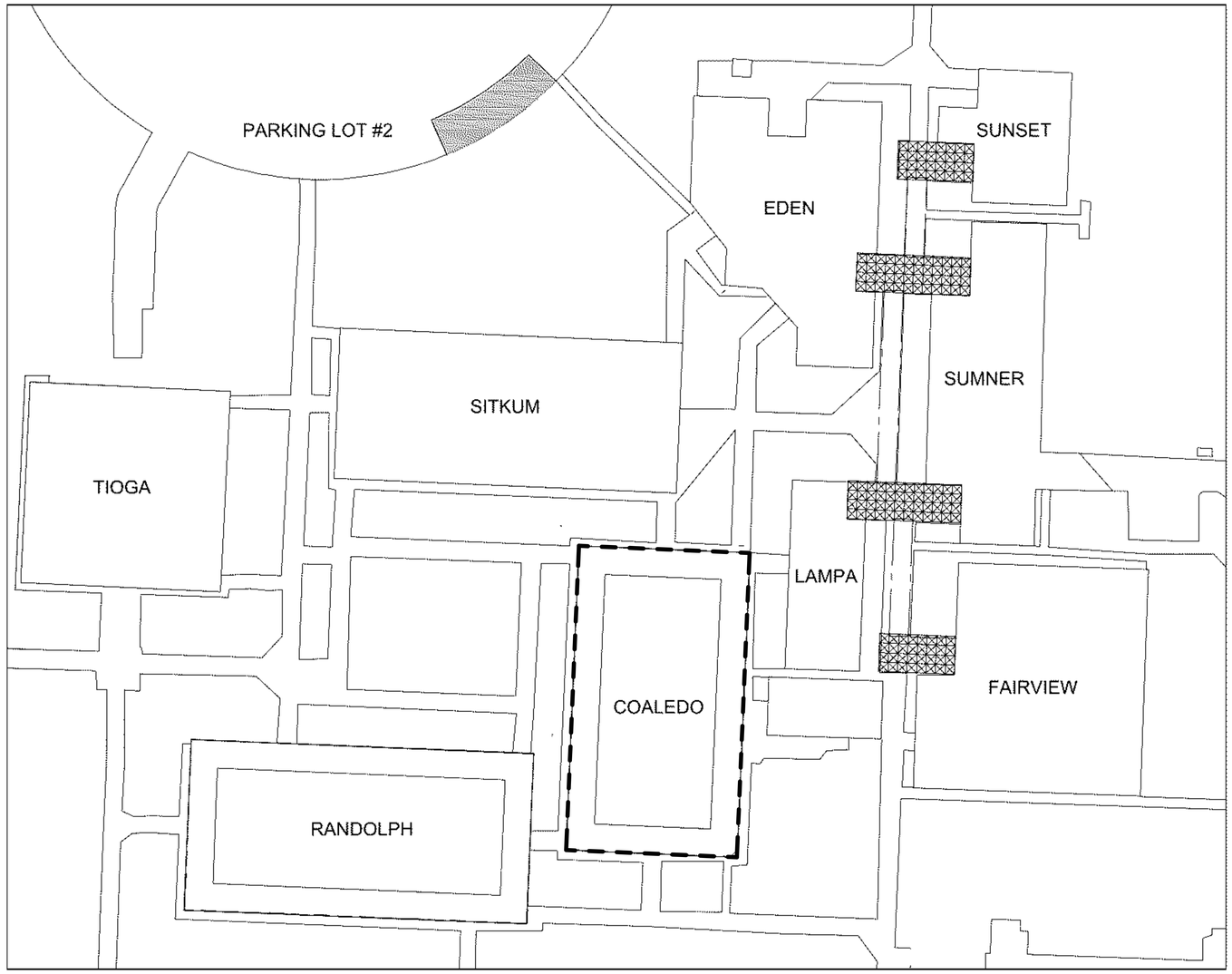
sheet size: 30" x 42"

SITE PLAN

NOT TO SCALE



AERIAL SITE IMAGE

NOT TO SCALE

OWNER

SWOCC
1988 Newmark Avenue
Coos Bay, Oregon 97420
(541) 888-2525
Contact: Jeff Whitey

ARCHITECT

Opsis Architecture
920 NW 17th Ave.
Portland, Oregon 97209
(503) 525-9511
Contact: Mark Stoller

MECHANICAL / PLUMBING / ELECTRICAL DESIGN

ColeBreit
721 SW Industrial Way #110
Bend, Oregon 97702
(541) 728-3293
Contact: Bill Caron

GENERAL

G0.00	SHEET INDEX

DEMOLITION

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AD1.71	REFLECTED CEILING PLAN - DEMOLITION

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A6.61	CASEWORK DETAILS

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REGISTERED ARCHITECT
ARI-3374
MARK ALAN STOLLER
PORTLAND, OREGON
STATE OF OREGON

Project Owner:
SWOCC

EST 1961
SOUTHWESTERN
AN OREGON COMMUNITY COLLEGE

Project Name:
Coaledo Hall

Project Adress:
**1988 Newmark Avenue,
Coos Bay, OR 97420**

Key Plan

Revisions to Sheet

No.	Revision	Date

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Job No.
4859-01

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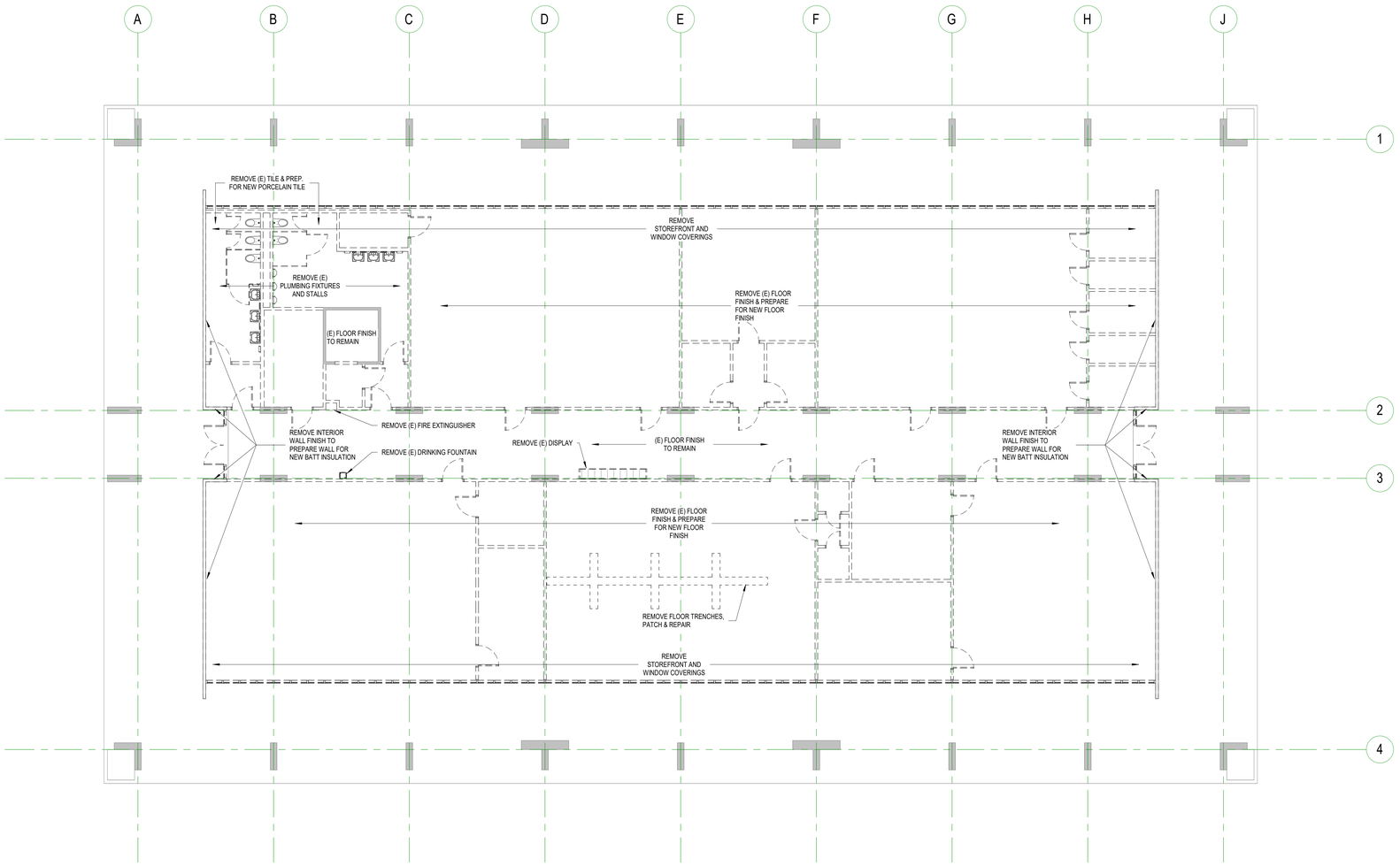

1 | FLOOR PLAN - DEMOLITION

AD1.01 1/8" = 1'-0"

DEMOLITION SHEET NOTES

1. CONTRACTOR SHALL PROVIDE A SCHEDULE OF DEMOLITION TO THE OWNER FOR APPROVAL. CONTRACTOR SHALL NOT COMMENCE WORK IN ANY AREA PRIOR TO WRITTEN APPROVAL FROM THE OWNER FOR EACH STAGE OF THE DEMOLITION SCHEDULE.
2. THE OWNER SHALL HAVE THE OPPORTUNITY TO REMOVE EXISTING MATERIAL AND EQUIPMENT AT THEIR OWN EXPENSE PRIOR TO THE START OF DEMOLITION BY THE CONTRACTOR.
3. CONTRACTOR IS TO COORDINATE WITH THE OWNER ANY INTERRUPTIONS OF ANY BUILDING SERVICES (I.E. ELECTRICAL, MECHANICAL, PLUMBING, FIRE PROTECTION, COMMUNICATION, ETC.) WHICH AFFECT THE OPERATION OF THE REMAINING PORTIONS OF THE FACILITY. ANY INTERRUPTIONS TO THESE SERVICES ARE TO BE SCHEDULED IN ADVANCE AND THE DURATION IS TO BE HELD TO THE MINIMUM.
4. CONTRACTOR IS TO DETERMINE WHICH WALLS TO BE REMOVED ARE LOAD BEARING. IF THERE IS ANY QUESTION, THE CONTRACTOR IS TO NOTIFY THE ARCHITECT IMMEDIATELY AND PRIOR TO THE DEMOLITION OF THE WALL.
5. ALL ABANDONED UTILITIES AND SERVICES SHALL HAVE CONDUIT, CABLING OR PIPING REMOVED AND CAPPED AT THE EXTENT OF THE PROJECT OR AS REQUIRED FOR THE OPERATION OF THE SYSTEMS. COORDINATE WITH MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DOCUMENTS.
6. REMOVE ALL POWER, SIGNAL, SWITCHING AND OTHER PERTINENT ITEMS FROM WALLS TO BE DEMOLISHED. COORDINATE WITH ELECTRICAL DOCUMENTS
7. REMOVE CEILINGS (ACOUST. & GYP.) IN AREAS SHOWN TO HAVE WALL REMOVED, UNLESS NOTED OTHERWISE.
8. CUT EXISTING FINISHES TO BE REMOVED WITH METHODS TO TERMINATED SURFACES IN A STRAIGHT, PLUMB LINE AT A NATURAL POINT OF DIVISION.
9. ALL FLOOR FINISH TO BE REMOVED, UON
10. PATCH, REPAIR AND REFINISH EXISTING ITEMS TO REMAIN TO THE SPECIFIC CONDITION OF EACH MATERIAL WITH A WORKMAN-LIKE TRANSITION TO ADJACENT NEW CONSTRUCTION.
11. GENERAL ITEMS FOR DEMOLITION ARE INDICATED ON DRAWINGS. PLUMBING FIXTURES, CEILINGS, MISCELLANEOUS EQUIPMENT, FINISHES, ETC. (NOT SPECIFICALLY SHOWN THAT ARE LOCATED IN AREAS OR WALLS SHOWN TO BE DEMOLISHED) ARE TO BE REMOVED AND/OR RELOCATED AS REQUIRED. COORDINATION OF THE DEMOLITION IS THE RESPONSIBILITY OF THE CONTRACTOR.
12. WHERE REMOVAL OF PARTITIONS OR EQUIPMENT RESULTS IN ADJACENT SPACES BECOMING A SINGLE SPACE, REWORK FLOORS, WALLS AND CEILINGS TO PROVIDE SMOOTH PLANES WITHOUT BREAKS, STEPS, RAMPS OR BULKHEADS.
13. WHEN NEW WORK ABUTS OR FINISHES FLUSH WITH EXISTING WORK, MAKE A SMOOTH WORKMAN-LIKE TRANSITION. PATCHED WORK SHALL MATCH ADJACENT EXISTING WORK IN TEXTURE AND FINISH.
14. CONTRACTOR TO COORDINATE CONCRETE REMOVAL RELATED TO ALL UNDERSLAB UTILITY INSTALLATION WITH ARCHITECT AND THE EXISTING SLAB SURVEY.
15. PROVIDE ADEQUATE SUPPORT OR ANCHORAGE OF SUBSTRATES TO RECEIVE NEW FINISH MATERIALS.
16. NOTIFY ARCHITECT BEFORE REMOVING ANY FLOOR TO FLOOR PARTITIONS.
17. A COMPLETE SURVEY FOR VERIFICATION OF THE (E) CONSTRUCTION HAS NOT BEEN PERFORMED AND EXISTING DOCUMENTS ARE NOT ENTIRELY CLEAR. FOR THESE REASONS, THE ARCHITECT AND OWNER DISCLAIM ANY RESPONSIBILITY FOR THE ACCURACY AND COMPLETENESS OF EXISTING INFORMATION.
18. CONTRACTOR TO VERIFY/COORDINATE ALL WALL PENETRATIONS FOR EQUIPMENT AND DEVICES (DUCT, PIPE, CONDUIT, CABLE TRAY, ETC.)
19. CONTRACTOR SHALL COORDINATE DEMOLITION, REMOVAL AND REINSTALLATION OF NEW WORK REQUIRED TO ACCOMMODATE SUBCONTRACTORS WORK OCCURRING OUTSIDE AREAS SHOWN FOR SPECIFIC DEMOLITION. CONTRACTOR SHALL REMOVE ALL PLUMBING, MECHANICAL, ELECTRICAL ITEMS, WHETHER SHOWN OR NOT, IN AREAS TO BE DEMOLISHED AND/OR RENOVATED. ITEMS SHOWN TO BE REMOVED ARE A GENERAL REPRESENTATION OF ALL ITEMS TO BE REMOVED IN THE RENOVATED AREA. ADDITIONAL FIXTURES MAY NOT BE SHOWN THAT ARE PRESENT AND ARE TO BE REMOVED UNDER THIS CONTRACT.
20. COORDINATE ALL DEMOLITION, REPAIR, REPLACEMENT AND RELOCATION OF ELECTRICAL SYSTEMS WITH THE ELECTRICAL DOCUMENTS.
21. COORDINATE ALL DEMOLITION, REPAIR, REPLACEMENT AND RELOCATION OF SITE AMENITIES AND SYSTEMS WITH THE LANDSCAPE AND CIVIL DOCUMENTS.
22. COORDINATE ALL DEMOLITION, REPAIR, REPLACEMENT AND RELOCATION OF MECHANICAL SYSTEMS WITH MECHANICAL DOCUMENT

DEMOLITION LEGEND

- EXISTING WALL TO BE DEMOLISHED
- EXISTING WALL TO REMAIN

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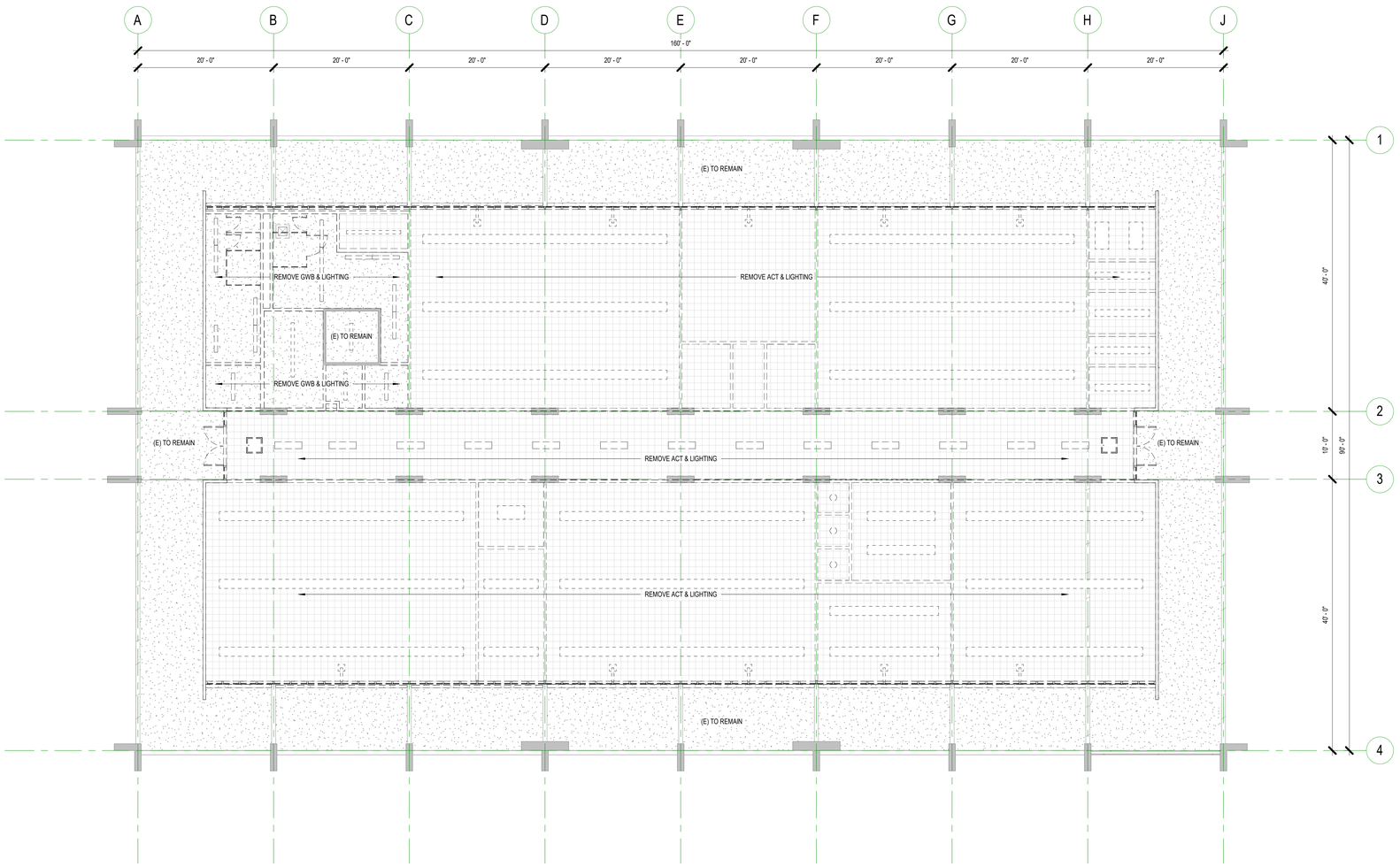

1 AD1.71 **REFLECTED CEILING PLAN - DEMOLITION**
1/8" = 1'-0"

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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
FRP-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	GYPSUM WALL BOARD	09 29 00
GWB-2	GYPSUM WALL BOARD	09 29 00
GWB-3	WATER RESISTANT GYPSUM BACKING BOARD	09 29 00
GWB-4	CERAMIC TILE BACKING BOARD	09 29 00
GYPSUM	HIGH-STRENGTH, ONE-COMPONENT GYPSUM 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
HM-1	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	08 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
LWC-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	MULLION 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	MILLWORK 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
PT-3	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 (HI-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, COVE 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 68 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
WOM-1	WALK-OFF CARPET	09 68 13
WP-1	WALL PROTECTION	10 26 00
WRB-1	VAPOR-PERMEABLE MEMBRANE AIR BARRIER	07 27 13
WT-1	EXTERIOR WOOD TRIM	06 20 13

MATERIAL SYMBOLS

COMPACTED FILL

GRAVEL, ROCK

CONCRETE

MASONRY CONSTRUCTION (ELEVATION)

GYPSUM WALLBOARD

FINISH GRADE WOOD

PLYWOOD

PARTICLE BOARD

CERAMIC TILE

ALUMINUM

STEEL

RIGID INSULATION

BATT INSULATION

CERAMIC TILE (ELEVATION)

CONTINUOUS WOOD BLOCKING

INTERMITTENT WOOD BLOCKING

METAL STUD IN SECTION

INTERIOR PARTITION DIMENSIONING LEGEND

ON PLANS, INDICATES DIMENSION FROM F.O. FINISH WALL TO F.O. FINISH WALL

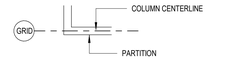
ON PLANS, INDICATES DIMENSION FROM CL OF WALL TO CL OF WALL

1. IN MANY OF THE INTERIOR SPACES THE ACTUAL DIMENSIONS MAY BE LESS IMPORTANT THAN IF THE TWO ELEMENTS IN THE BUILDING WERE TO BE EQUAL. IN THESE CASES, THE WORD "EQUAL" OR ABBREVIATION "EQ" IS USED IN LIEU OF THE ACTUAL DIMENSIONS.

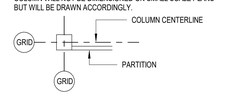
2. WHEN A ROOM CENTERLINE IS INDICATED ONLY ONE SIDE OF THE ROOMS ELEMENTS MAY BE DIMENSIONED.

3 COLUMN IDENTIFICATION: DETAILS WILL GOVERN ALL DIMENSIONS NOT SHOWN ON SMALL SCALE PLANS.

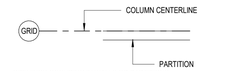
4. PARTITION CENTERED ON COLUMN OR GRID LINES WILL NOT BE DIMENSIONED ON SMALL SCALE PLANS BUT WILL BE DRAWN ACCORDINGLY. ALIGN FRAMING CENTERLINE WITH GRID



5. PARTITION WITH A FINISHED FACE FLUSH WITH FINISH FACE OF COLUMN WILL NOT BE DIMENSIONED ON SMALL SCALE PLANS BUT WILL BE DRAWN ACCORDINGLY.



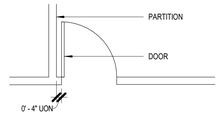
6. PARTITION FINISH FACE ON COLUMN OR GRID LINE WILL NOT BE DIMENSIONED ON SMALL SCALE PLANS BUT WILL BE DRAWN ACCORDINGLY.



7. OPENINGS OCCURING IN WALLS OR PARTITIONS:

WHEN A JAMB OCCURS AT A COLUMN OR GRID LINE, DIMENSIONS WILL NOT BE SHOWN ON THE SMALL SCALE PLANS. THE OPENING WIDTH WILL BE GOVERNED BY THE DOOR SCHEDULE. WHEN A JAMB OCCURS AT NEITHER A COLUMN LINE NOR A GRID LINE AND DOES NOT FOLLOW TYPICAL OFF SETS, THEN THE JAMB WILL BE DIMENSIONED.

8. DOOR LOCATION
DOORS ARE LOCATED BY ONE OF THE FOLLOWING:
ONE JAMB FACE LOCATED BY A PARTITION AT RIGHT ANGLE. TYPICAL UNLESS INDICATED IN PLAN AS DIMENSIONED: TO CENTERLINE OF OPENING UON



9. WALLS & PARTITIONS ARE DIMENSIONED TO FACE OF FINISH UNLESS OTHERWISE NOTED.

10. DIMENSIONS ARE INDICATED IN THE DOCUMENTS. THE DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS.

SYMBOLS LEGEND

BUILDING SECTION / EXTERIOR ELEVATION
1 / A101 — SIM — DRAWING NUMBER / SHEET NUMBER

WALL SECTION
1 / A101 — SIM — SECTION NUMBER / SHEET NUMBER

DETAIL ENLARGEMENT
1 / A101 — SIM — DETAIL NUMBER / SHEET NUMBER

INTERIOR ELEVATION
1 / A101 — 1 — ELEVATION NUMBER / SHEET NUMBER

GRID SYMBOLS
0 — NEW GRID SYMBOL
0 — EXISTING GRID SYMBOL

NORTH ARROW
N

SCALE
0 10 20 40

ROOM INDICATOR
Room 101 — ROOM NAME / ROOM NUMBER

DOOR INDICATOR
NUMBER — DOOR NUMBER INDICATOR

CEILING TAG
C1 / 9'-0" — CEILING ASSEMBLY TYPE / CEILING HEIGHT

KEY NOTE
CPT-1 — KEY NOTE

OPENING TYPE TAG
1 — EXTERIOR FRAME TYPE
1 — INTERIOR FRAME TYPE

ASSEMBLY TYPE TAG
As — WALL TYPE
R1 — ROOF TYPE
F1 — FLOOR TYPE

REVISIONS
AB-1 — REVISION CLOUD / REVISION LABEL

FURNITURE TAG
D-3 — FURNITURE TYPE

FLOOR TYPE CHANGE
F-2 / F-1 — FLOOR TYPE

SPOT ELEVATION
0'-0" — ELEVATION
0'-0" / XXX — ELEVATION / LABEL

FLOOR DRAIN
FD — FLOOR DRAIN

FIRE EXTINGUISHER CABINET
FEC — FIRE EXTINGUISHER CABINET

STANDARD ABBREVIATIONS

AB	anchor bolt
ABV	above
ACT	accustic ceiling tile
AC	architectural concrete
A/C	asphaltic concrete
AD	area drain
ADD	addendum
ADJ	adjustable
AF	access floor
AFF	above finish floor
AFP	acoustical fiberglass panel
AFG	above finish grade
AGG	aggregate
AHU	air handling unit
ALT	alternate
ALUM	aluminum
AMT	amount
APPROX	approximate
ARCH	architect(ural)
AUTO	automatic
BC	bottom of curb
BCS	baby changing station
BD	board
BFF	below finish floor
BLDG	building
BLK	block
BLKG	blocking
BM	beam or bench mark
BO	bottom of
BOD	bottom of deck
BOR	bottom of reveal
BOT	bottom
BRG	bearing
BR	brick
BSMT	basement
CAB	cabinetry
CB	catch basin
CEM	cement
CEN PT	center point
CG	corner guard
CIP	cast in place
CJ	control joint
CL	center line
CLG	ceiling
CLR	clear
CMU	concrete masonry unit
COL	column
CONC	concrete
CONT	continuous
CORR	corridor
COV PL	cover plate
CPT	carpet
CT	ceramic tile
CTOP	countertop
CTR	center
DBL	double
DET	detail
DF	drinking fountain
DIA	diameter
DIFF	diffuser
DIM	dimension
DL	download
DN	down
DR	door
DRN	drain
DS	downspout
DT	double tee
DWG	drawing
E	east
(E)	existing
EAC	Electronic Access Controls
EB	expansion bolt
EJ	expansion joint
ELEC	electrical
ELEV	elevation
EMER	emergency
ENCL	enclosure
ENGR	engineer
EP	epoxy paint
ENAM	enamel
EQ	equal
EQUIP	equipment
EXH	exhaust
EXP	expansion
EXPD	exposed
EXT	exterior
FA	fire alarm
FB	flat bar
FD	floor drain
FDN	foundation
FE	fire extinguisher
FEC	fire extinguisher cabinet
FF	finish floor
FIN	finish
FLR	floor
FLUOR	fluorescent
FO	face of
FOF	face of finish
FOC	face of concrete
FOM	face of masonry
FOS	face of studs
FPRF	fireproofing
FR	fire resitive
FRL	fiber reinforced laminate
FRP	fiberglass reinforced panel
FT	feet or foot
FTG	footing
FV	field verify
GA	gauge
GALV	galvanized
GC	general contractor
GL	glass
GLB	glulam beam
GRD	grade
GND	ground
GWB	gypsum wall board
HB	hose bib
HDR	header
HDW	hardware
HDWD	hardwood
HKP	house keeping pad
HM	hollow metal
HNDRL	handrail
HORIZ	horizontal
HR	hour
HSTL	hollow steel
HT	height
HTG	heating
HTR	heater
HV	hose valve
HVAC	heating, ventilating & air conditioning
ID	inside diameter/dimension
IN	inch
INCL	include(d)
INFO	information
INSUL	insulation
INT	interior
INV	invert
JB	junction box
JST	joist
JT	joint
L	length
LAM	laminate
LAV	lavatory
LB	pound or lag bolt
LF	linear foot or feet
LH	left hand
LIN	linoleum
LL	live load
LT	light
LVR	louver
M	metric/meter
MACH	machine
MAS	masonry
MATL	material
MAX	maximum
MB	marker board
MDF	medium density fiberboard
MDO	medium density overlay
MECH	mechanical
MEMB	membrane
MFR	manufacturer
MH	manhole
MIN	minimum
MI	mirror
MISC	miscellaneous
MO	masonry opening
MRG	moisture resistant gypsum board
MTD	mounted
MTL	metal
N	north
NA	not applicable
NIC	not in contract
NO	number
NOM	nominal
NS	non-shrink
NTS	not to scale
OA	outside air
OC	on center
OD	outside diameter/dimension
OFCI	owner furnished contractor installed
OFOI	owner furnished owner installed
OTS	Open to Structure
OPNG	opening
OPP	opposite
OPP HD	opposite hand
OPT	optional
ORIG	original
OVHD	overhead
PAV	pavers
PC	precast concrete
PCF	pounds per cubic foot
PCP	portland cement plaster
PERF	perforated
P/L	property line
PL	plate
PLAM	plastic laminate
PLAS	plaster
PLUMB	plumbing
PLF	pounds per linear foot
PLYWD	plywood
PNL	panel
P	paint
PRELIM	preliminary
PSI	pounds per square inch
PT	pressure treated
PTD	painted
QT	quarry tile
QTR	quarter
R	riser
R-	thermal resistance (R-value)
RA	return air
RAD	radius
RB	rubber base
RD	roof drain
REC	recessed
RE:	reference
REF	refrigerator
REINF	reinforce(d)(ment)(ing)
REQD	required
REV	revision
RF	resilient flooring
RFL	reflected
RM	room
RND	round
RO	rough opening
RQMT	requirement(s)
RS	rainscreen
RV	roof vent
R/W	right of way
RWF	resilient wood floor
RWL	rain water leader
S	south
SC	solid core
SCHED	schedule
SECT	section
SF	square foot(feet)
SHTHG	sheathing
SHT	sheet
SIM	similar
SJ	seismic joint
SLR	sealer
SOG	slab on grade
SPEC	specification
SQ	square
SS	stainless steel
ST	street
STN	stain(ed)
STAG	staggered
STD	standard
STL	steel
STOR	storage
STRUCT	structural
SURF	surface
SUSP	suspended
SWS	see wall sections
SYM	symmetrical
SYS	system
T	Tile
THR	thread
TB	tackboard
TEMP	temporary
TEMP GL	tempered glass
T&B	top and bottom
T&G	tongue and groove
THK	thick
THRSH	threshold
THRU	through
TO	top of
TOC	top of concrete or curb
TOS	top of steel
TOT	total
TRV	thermal resistance value
TYP	typical
UNFIN	unfinished
UON	unless otherwise noted
V	voltage
V	valve
VB	vapor barrier
VENT	ventilation
VERT	vertical
VEST	vestibule
VIF	verify in field
VNR	veneer
VTR	vent to roof
W	west
W/	with
WD	wood
WDW	window
WLD	weld(ed)
WOC	walk off carpet
WGL	wire glass
WOM	walk off mat
W/O	without
WP	waterproofing
WSCT	wainscot
WT	weight
WTR	water
WW	wall to wall
WWF	welded wire fabric
XFRMR	transformer
YD	yard

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Project Owner:
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SOUTHWESTERN
AN OREGON COMMUNITY COLLEGE

Project Name:
Coaledo Hall

Project Adress:
1988 Newmark Avenue, Coos Bay, OR 97420

Key Plan

Revisions to Sheet

No.	Revision	Date

Status: **BID & PERMIT DOCUMENTS**

Date: **March 3, 2023**

Sheet Title
ARCHITECTURAL ABBREVIATIONS AND SYMBOLS

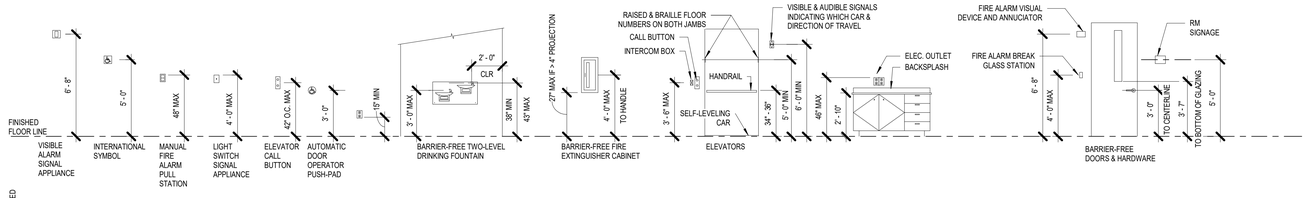
Sheet No.
A0.00

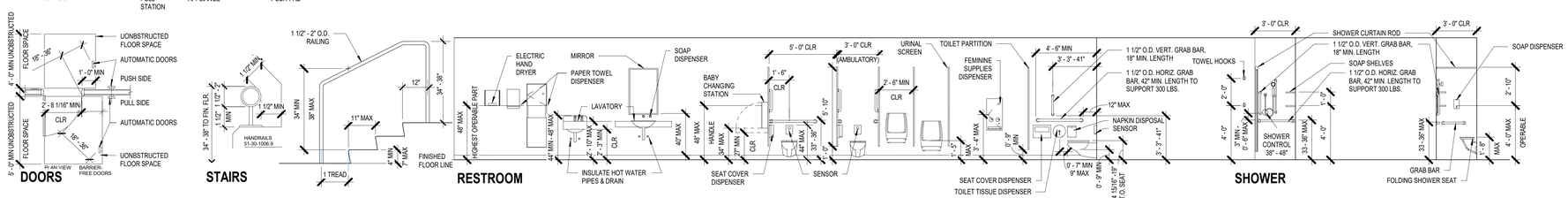
Job No.
4859-01

plotted: 3/8/2023 4:57:38 PM
sheet size: 30" x 42"

MOUNTING HEIGHTS SHEET NOTES

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





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Date: **March 3, 2023**

Sheet Title
STANDARD MOUNTING HEIGHTS

Sheet No.
A0.10

Job No.
4859-01

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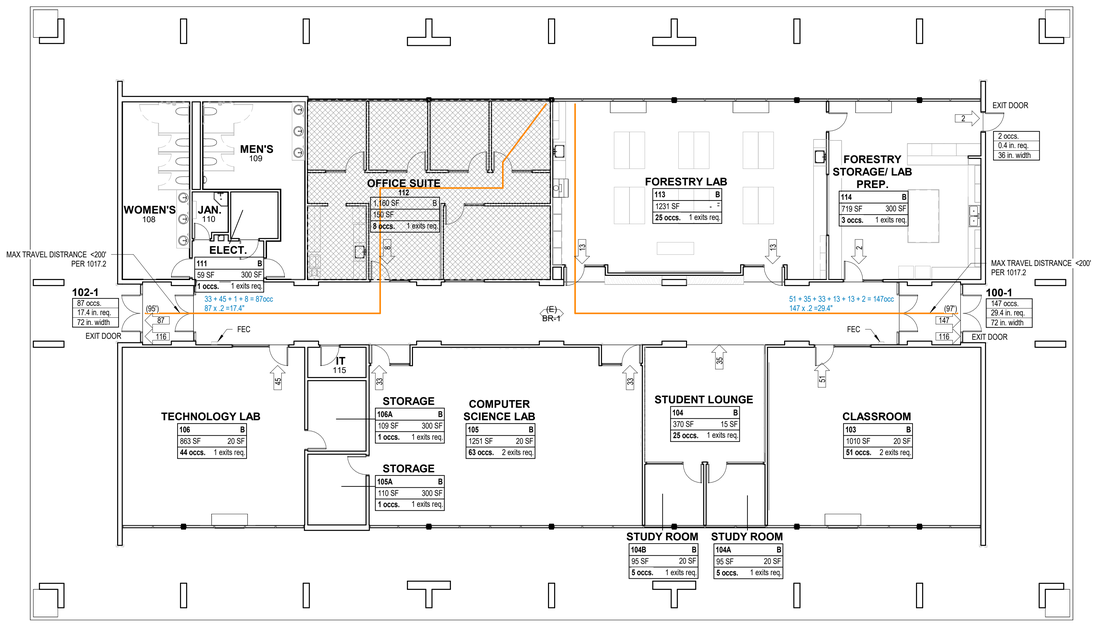

1 FLOOR PLAN - LIFE SAFETY

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)

TRAVEL DISTANCE IN FEET — COMMON PATH

100 — EXIT LOAD INDICATOR

ROOM DATA

Room name — ROOM NAME

101	A-1
1000	00
- occs.	- exits req.

AREA / OCCUPANCY LOAD FACTOR

OCCUPANCY LOAD (ACTUAL) / REQUIRED NUMBER OF EXITS

DOOR DATA

DoorExitName — EXIT NAME (OPTIONAL)

- occs.	DOOR OCCUPANTS SERVED
- in. req.	REQUIRED DOOR WIDTH
- in. width	ACTUAL DOOR WIDTH

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 5: GENERAL BUILDING HEIGHTS AND AREAS

ALLOWABLE BUILDING HEIGHT AND AREA

TYPE	GROUP	(TABLE 504.3) HEIGHT (feet)	(TABLE 504.4) STORY	(TABLE 506.2) AREA
V B (NS)	B	40'	2	9,000

ACTUAL AREA 9,891 SF

ACTUAL BUILDING HEIGHT 1 STORY 12'-0"

CHAPTER 6: TYPES OF CONSTRUCTION

CONSTRUCTION CLASSIFICATION(TABLE 601) TYPE VB

FIRE RESISTIVE BUILDING ELEMENTS (Table 601)

ITEM	RATING
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)	RATING
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
- TYPE: 2A10BC W/ 75' MAX TRAVEL DISTANCE

ALARM AND DETECTION
- SMOKE DETECTION AND MANUAL FIRE ALARM BOXES ARE NOT REQUIRED FOR GROUP 'B' (907.2.2 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 10: MEANS OF EGRESS

OCCUPANT LOAD - GENERAL
- OCCUPANT LOADS HAVE BEEN APPLIED PER OSSC 2022 Table 1004.5)
- SEE CODE PLANS FOR USE OF INDIVIDUAL SPACES AS WELL AS OCCUPANT LOADS

AREA	OLF	AREA (SF)	OCCUPANT LOAD
ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300	997	6
BUSINESS AREAS	150	1160	8
CLASSROOM AREA	20	3314	168
ASSEMBLY WITHOUT FIXED SEATS, UNCONCENTRATED	15	370	25
ASSEMBLY WITH FIXED SEATS	-	1,231	25
TOTAL OCCUPANTS		7,072	232

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: OESSC 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	

	ASSEMBLY MAX U	ASSEMBLY MAX SHGC
VERTICAL FENESTRATION - FIXED	0.36	0.36
VERTICAL FENESTRATION - OPERABLE	0.45	0.33
VERTICAL FENESTRATION - ENTRANCE DOOR	0.83	0.33

CHAPTER 29: PLUMBING FIXTURE COUNT REQUIREMENTS

PLUMBING FIXTURE COUNT TABLE:
PER OSSC CHAPTER 29 AND TABLE 2902.1

CLASSIFICATION	TOTAL OCCUPANTS	OCCUPANTS PER SEX	WC LOAD MALE	WC LOAD FEMALE	WC REQ'D PER SEX MALE WC	WC REQ'D PER SEX MALE UR	WC REQ'D PER SEX FEMALE WC	WC REQ'D PER SEX TOTAL	LAV LOAD MALE	LAV LOAD FEMALE	LAV REQ'D PER SEX MALE	LAV REQ'D PER SEX FEMALE	LAV REQ'D PER SEX TOTAL	DRNKNG FNTN REQ'D
BUSINESS (B) *	232	116	1/25 -1ST 50 AND 1/50 REMAINDER	1/25 -1ST 50 AND 1/50 REMAINDER	3.32		3.32		1/40 -1ST 80 AND 1/80 REMAINDER		2.45	2.45		
				TOTAL REQ'D (ROUNDED UP)	4		4	8			3	3	6	-
				TOTAL PROVIDED	**3**	1	**4**	**8**			**3**	**3**	**6**	**1**

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Sheet Title
CODE ANALYSIS

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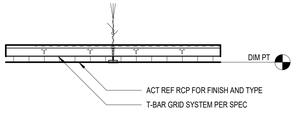
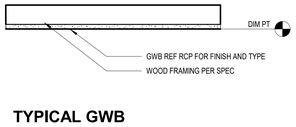


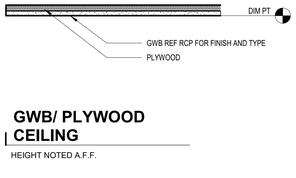
C1 | ACOUSTICAL CEILING TILE (ACT-1)

HEIGHT NOTED A.F.F.



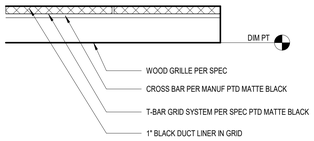
C2 | TYPICAL GWB CEILING

HEIGHT NOTED A.F.F.



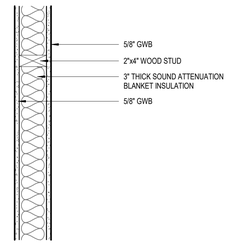
C3 | GWB/ PLYWOOD CEILING

HEIGHT NOTED A.F.F.



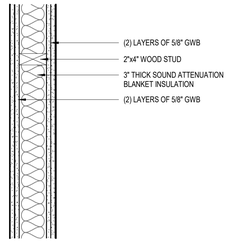
C4 | LINEAR WOOD CEILING (LWC-1)

HEIGHT NOTED A.F.F.



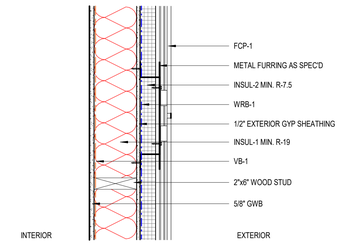
A | WOOD STUD PARTITION - (1) LAYER GWB BOTH SIDES

NOTES:



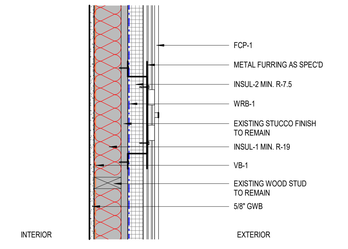
B | WOOD STUD PARTITION - (2) LAYERS GWB BOTH SIDES

NOTES:



W1 | WOOD STUD WALL W/ FIBER CEMENT PANEL (FCP-1)

NOTES:



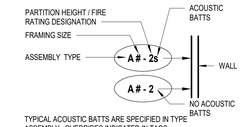
W2 | EXISTING WOOD STUD WALL W/ FIBER CEMENT PANEL (FCP-1)

NOTES:

WALL ASSEMBLY NOTES

1. SEE FLOOR PLAN DRAWINGS FOR WALL TYPE LOCATIONS.
2. SEE DETAILS ON THIS SHEET FOR TYPICAL ASSEMBLY DETAILS.
3. REFERENCE ACOUSTICAL DRAWINGS FOR ADDITIONAL DETAILS AND REQUIREMENTS, AIR TIGHT ROOM LOCATIONS, AND ACOUSTIC SEALING REQUIREMENTS AT SOUND RATED PARTITIONS.
4. 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.
5. FRAME AROUND BEAMS AND OTHER STRUCTURAL ELEMENTS WHEN THEY OCCUR WITHIN THE SPACE OF A FIRE RATED OR ACOUSTICAL PARTITION.
6. WHEN METAL FRAMING CONTINUES 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.
7. SEE FINISH SCHEDULE, INTERIOR ELEVATIONS, AND DETAILS FOR FINISHES AND SPECIAL CONDTIONS.
8. "SIM." NOTE INDICATES A CONDITION SIMILAR TO THE TYPICAL PARTITION TYPE NOTED. REFER TO INT.ELEVATIOMS AND DETAILS FOR MORE SPECIFIC INFO.
9. PARTITION SYMBOLS AT DOOR AND WINDOW OPENINGS REFER TO PARTION ABOVE/BELOW OPENINGS.
10. PER IBC 713.3 FIRE RESISTANT JOINT SYSTEMS SHALL BE PROVIDED IN ACCORDANCE W/ REQUIREMENTS OF EITHER ASTM E 1966 OR UL 2079.
11. 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 707.5.
12. ATTACH COLD-FORMED FRAMING, SUSPENDED CEILINGS AND EQUIPMENT, AND BRACING WITH ½-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 RECIEVE ADDITIONAL LAYERS OF GWB WHEN INDICATED BY THE PARTITION TYPE

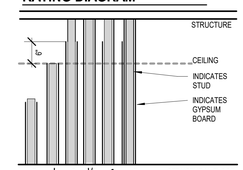
FRAMING SIZE KEY

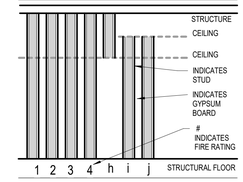
ID	STEEL
0	7/8" FURRING (UON)
1	1 5/8"
2	2 1/2"
3	3 5/8"
4	4"
6	6"
8	8"
10	10"
11	(2) 1 5/8"
22	(2) 2 1/2"
33	(2) 3 5/8"
44	(2) 4"
66	(2) 6"

ID	WOOD
0	FURRING
2	2 x 2
3	3 x 3
4	2 x 4
6	2 x 6
8	2 x 8
10	2 x 10

ID	CMU/CIP
4	4"
6	6"
8	8"
10	10"

PARTITION HEIGHT/ RATING DIAGRAM





1. (1) HOUR FIRE RATED
2. (2) HOUR FIRE RATED
3. (3) HOUR FIRE RATED
4. (4) HOUR FIRE RATED

a. NON-RATED PARTIAL HT. PARTITION
b. NON-RATED TO UNDERSIDE OF CEILING
c. NON-RATED - EXTEND GB TO 6" ABOVE CLG. & BRACE STUDS TO STRUCTURE AS REQUIRED
d. NON-RATED - EXTEND STUDS AND GB TO UNDERSIDE OF STRUCTURE ABOVE
e. NON-RATED - EXTEND STUDS AND GB FROM CONC. SLAB TO UNDERSIDE OF STRUCTURE ABOVE. SEAL BOTTOM TRACK TO SLAB WITH SEALANT
f. NON-RATED - EXTEND STUDS TO UNDERSIDE OF STRUCTURE ABOVE. EXTEND GB TO 6" ABOVE CLG. ON ONE SIDE AND TO STRUCTURE ON THE OTHER
g. NON-RATED - EXTEND STUDS AND 1 LAYER GB EA. SIDE TO UNDERSIDE OF STRUCTURE ABOVE. EXTEND 2nd LAYER GB TO 6" ABOVE CLG.
h. NON RATED PARTITION
i. SMOKE PARTITION
j. NON RATED - EXTEND STUDS TO UNDERSIDE OF STRUCTURE AND GWB TO ALIGN WITH UPPER CEILING

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MARK ALAN STOLLER
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STATE OF OREGON

Project Owner:
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EST 1961
SOUTHWESTERN
AN OREGON COMMUNITY COLLEGE

Project Name:
Coaledo Hall

Project Adress:
1988 Newmark Avenue, Coos Bay, OR 97420

Key Plan

Revisions to Sheet

No.	Revision	Date

Status: **BID & PERMIT DOCUMENTS**

Date: **March 3, 2023**

Sheet Title
ASSEMBLY TYPES

Sheet No.
A0.40

Job No.
4859-01

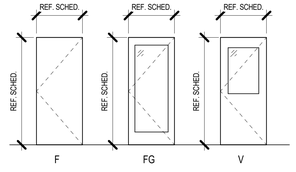
plotted: 3/8/2023 4:57:44 PM
sheet size: 30" x 42"

SHEET NOTES - DOOR SCHEDULE

1. SEE SPECS FOR HARDWARE GROUPS

DOOR SCHEDULE

Door Number	Door			Panel			Sidelite	Transom	Frame			Fire Rating	Hardware	Remarks
	Width	Height	Thickness	Type	Material	Finish			Type	Material	Finish			
100-1	6' - 0"	8' - 0"	0' - 2 1/4"	FG	SF-1	MFR			A	SF-1	MFR		08	
100-2	6' - 0"	8' - 0"	0' - 2 1/4"	FG	SF-1	MFR			1	SF-1	MFR		09	
102-1	6' - 0"	8' - 0"	0' - 2 1/4"	FG	SF-1	MFR			A	SF-1	MFR		08	
102-2	6' - 0"	8' - 0"	0' - 2 1/4"	FG	SF-1	MFR			1	SF-1	MFR		09	
103-1	3' - 0"	7' - 0"	0' - 1 3/4"	F	WD-2	CLR	5' - 9"	1' - 2"	2	HM-1	P-10		02	
104A-1	3' - 0"	7' - 0"	0' - 1 3/4"	F	WD-2	CLR	5' - 9"	1' - 2"	2	HM-1	P-10		11	
104B-1	3' - 0"	7' - 0"	0' - 1 3/4"	F	WD-2	CLR	5' - 9"	1' - 2"	2	HM-1	P-10		11	
105-1	3' - 0"	7' - 0"	0' - 1 3/4"	F	WD-2	CLR	3' - 0"	1' - 2"	3	HM-1	P-10		07	
105-2	3' - 0"	7' - 0"	0' - 1 3/4"	F	WD-2	CLR	3' - 0"	1' - 2"	3	HM-1	P-10		07	
105A-1	3' - 0"	7' - 0"	0' - 1 3/4"	F	WD-2	CLR			4	HM-1	P-10		01	
106-1	3' - 0"	7' - 0"	0' - 1 3/4"	F	WD-2	CLR	5' - 9"	1' - 2"	2	HM-1	P-10		02	
106A-1	3' - 0"	7' - 0"	0' - 1 3/4"	F	WD-2	CLR			4	HM-1	P-10		01	
108-1	3' - 0"	7' - 0"	0' - 1 3/4"	F	WD-2	CLR			4	HM-1	P-10		10	
109-1	3' - 0"	7' - 0"	0' - 1 3/4"	F	WD-2	CLR			4	HM-1	P-10		10	
110-1	2' - 6"	7' - 0"	0' - 1 3/4"	F	WD-2	CLR			4	HM-1	P-10		01	
111-1	3' - 0"	7' - 0"	0' - 1 3/4"	(E)	WD-3	CLR				(E)	P-10			
112-1	3' - 0"	7' - 0"	0' - 1 3/4"	F	WD-2	CLR	3' - 0"	1' - 2"	3	HM-1	P-10		06	
112A-1	3' - 0"	7' - 0"	0' - 1 3/4"	F	WD-2	CLR	3' - 0"	1' - 2"	3	HM-1	P-10		13	
112C-1	3' - 0"	7' - 0"	0' - 1 3/4"	F	WD-2	CLR	3' - 0"	1' - 2"	3	HM-1	P-10		05	
112D-1	3' - 0"	7' - 0"	0' - 1 3/4"	F	WD-2	CLR	3' - 0"	1' - 2"	3	HM-1	P-10		05	
112E-1	3' - 0"	7' - 0"	0' - 1 3/4"	F	WD-2	CLR	3' - 0"	1' - 2"	3	HM-1	P-10		05	
112F-1	3' - 0"	7' - 0"	0' - 1 3/4"	F	WD-2	CLR	3' - 0"	1' - 2"	3	HM-1	P-10		05	
113-1	3' - 0"	7' - 0"	0' - 1 3/4"	F	WD-2	CLR	3' - 0"	1' - 2"	3	HM-1	P-10		07	
113-2	3' - 0"	7' - 0"	0' - 1 3/4"	F	WD-2	CLR	3' - 0"	1' - 2"	3	HM-1	P-10		07	
114-1	3' - 0"	7' - 0"	0' - 1 3/4"	F	HM-1	P-10				HM-1	P-10		12	
114-2	3' - 0"	7' - 0"	0' - 1 3/4"	F	WD-2	CLR	3' - 0"	1' - 2"	3	HM-1	P-10		04	
114-3	3' - 0"	7' - 0"	0' - 1 3/4"	V	WD-2	CLR			4	HM-1	P-10		04	
115-1	3' - 0"	7' - 0"	0' - 1 3/4"	F	WD-2	CLR			4	HM-1	P-10		01	



DOOR PANEL TYPES

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Key Plan

Revisions to Sheet

No.	Revision	Date

Status: **BID & PERMIT DOCUMENTS**

Date: **March 3, 2023**

Sheet Title
DOOR SCHEDULE AND DOOR TYPES

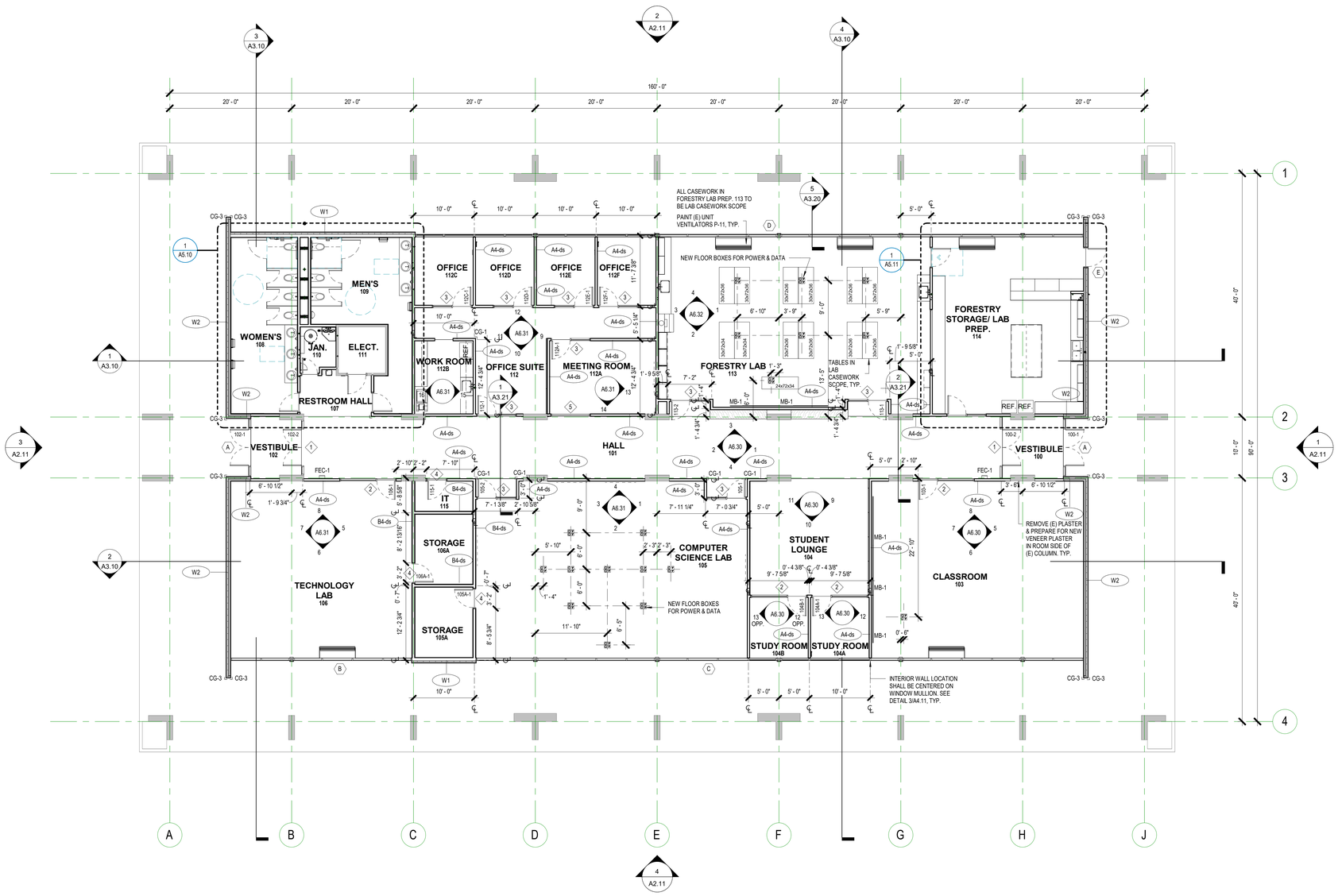
Sheet No.
A0.70

Job No.
4859-01

plotted: 3/8/2023 4:57:48 PM
sheet size: 30" x 42"

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



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

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Key Plan

Revisions to Sheet

No.	Revision	Date

Status: **BID & PERMIT DOCUMENTS**

Date: **March 3, 2023**

Sheet Title
FLOOR PLAN

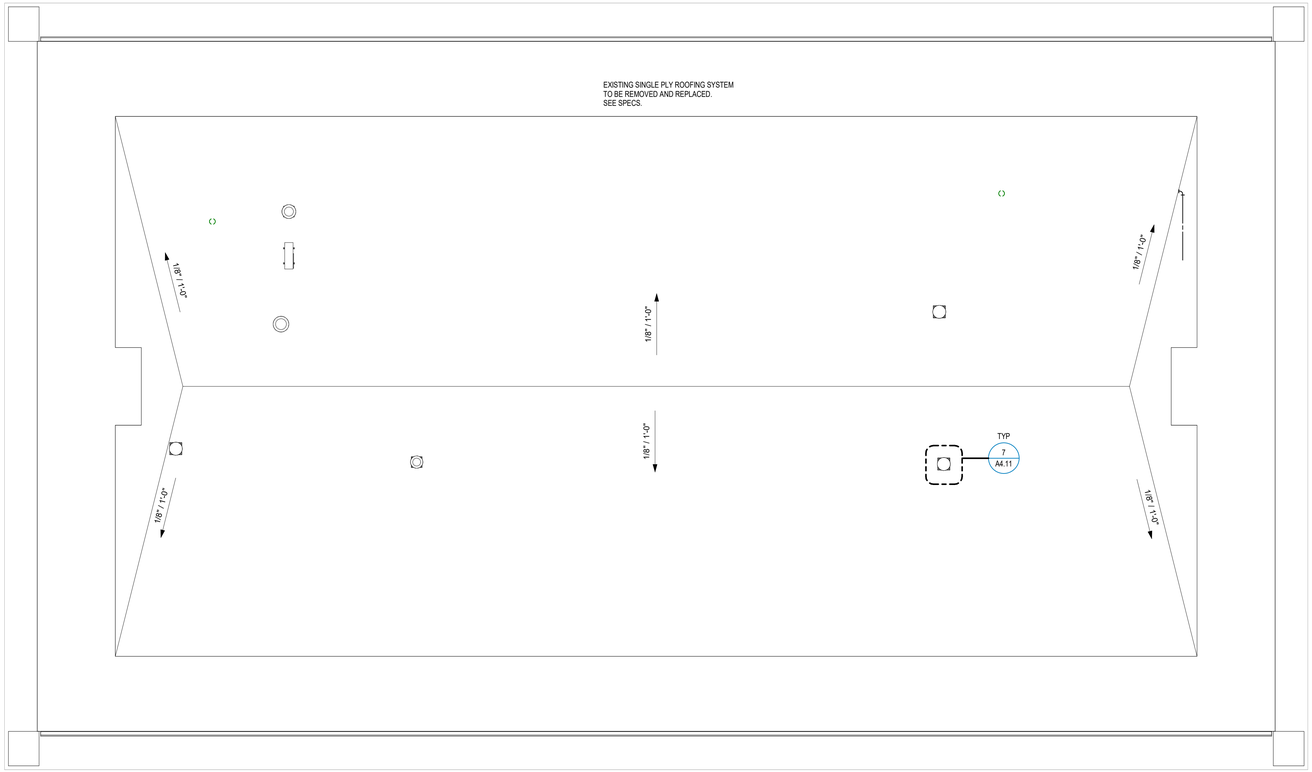
Sheet No.
A1.11

Job No.
4859-01

plotted: 4/11/2023 3:15:14 PM
sheet size: 30" x 42"

ROOF PLANS SHEET NOTES

1. VERIFY ALL DIMENSIONS IN THE FIELD
2. COORDINATE EXACT LOCATIONS OF MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS AND SPECIFICATIONS.



1 | **Roof Plan**
A1.12 1/8" = 1'-0"

N

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Key Plan

Revisions to Sheet

No.	Revision	Date

Status: **BID & PERMIT DOCUMENTS**

Date: **March 3, 2023**

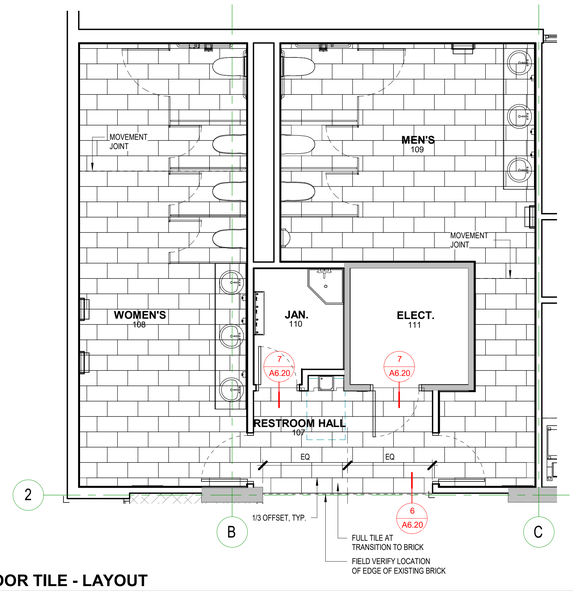
Sheet Title
ROOF PLAN

Sheet No.
A1.12

Job No.
4859-01

plotted: 3/8/2023 4:57:54 PM
sheet size: 30" x 42"

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



2 | FLOOR TILE - LAYOUT
A1.31 1/4" = 1'-0"

FLOOR TYPE KEY

MATERIAL	TYPE	NAME
	(E) BR-1	BRICK PAVING*
	(E) BRICK	BRICK FLOOR*
	(E) CONC	CONCRETE*
	CONC-1	CIP
	CPT-3	CARPET TILE
	CPT-4	CARPET TILE
	PT-2	PORCELAIN TILE
	RF-2	RESILIENT FLOORING
	RF-3	RESILIENT FLOORING
	RF-4	RESILIENT FLOORING
	WOM-1	WALK-OFF CARPET

FINISH PLANS SHEET NOTES

1. REFER TO 01 60 10 FOR FINISH AND MATERIAL LEGEND
2. REFER TO A0.00 FOR SPECIFICATION KEYNOTE ABBREVIATIONS
3. REFER TO A6.20 FOR ROOM FINISH SCHEDULE
4. REFER INTERIOR ELEVATIONS FOR EXTENT OF FINISHES
5. ALL DIMENSIONS TO FACE OF FINISH, U.N.O.
6. MATERIAL TRANSITIONS OCCURE BENEATH DOOR LEAF WHEN CLOSED, U.N.O.
7. START FLOORING MATERIALS WITH PATTERN, GRID OR REPEAT IN CENTER OF ROOM, U.N.O.
8. FLOOR FINISHES CONTINUE INTO TOE KICK AND KNEE SPACES AND UNDER CABINETS AS NOTED.
9. ALL ACCESS/ ELECTRICAL PANELS TO BE PAINTED (WITH APPROPRIATE PAINT PRODUCT) TO MATCH THE WALL OR CEILING IT IS MOUNTED ON.
10. SEE INTERIOR ELEVATIONS FOR FURTHER INFORMATION AND DETAILS.

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Key Plan

Revisions to Sheet

No.	Revision	Date

Status: **BID & PERMIT DOCUMENTS**

Date: **March 3, 2023**

Sheet Title
FINISH PLAN

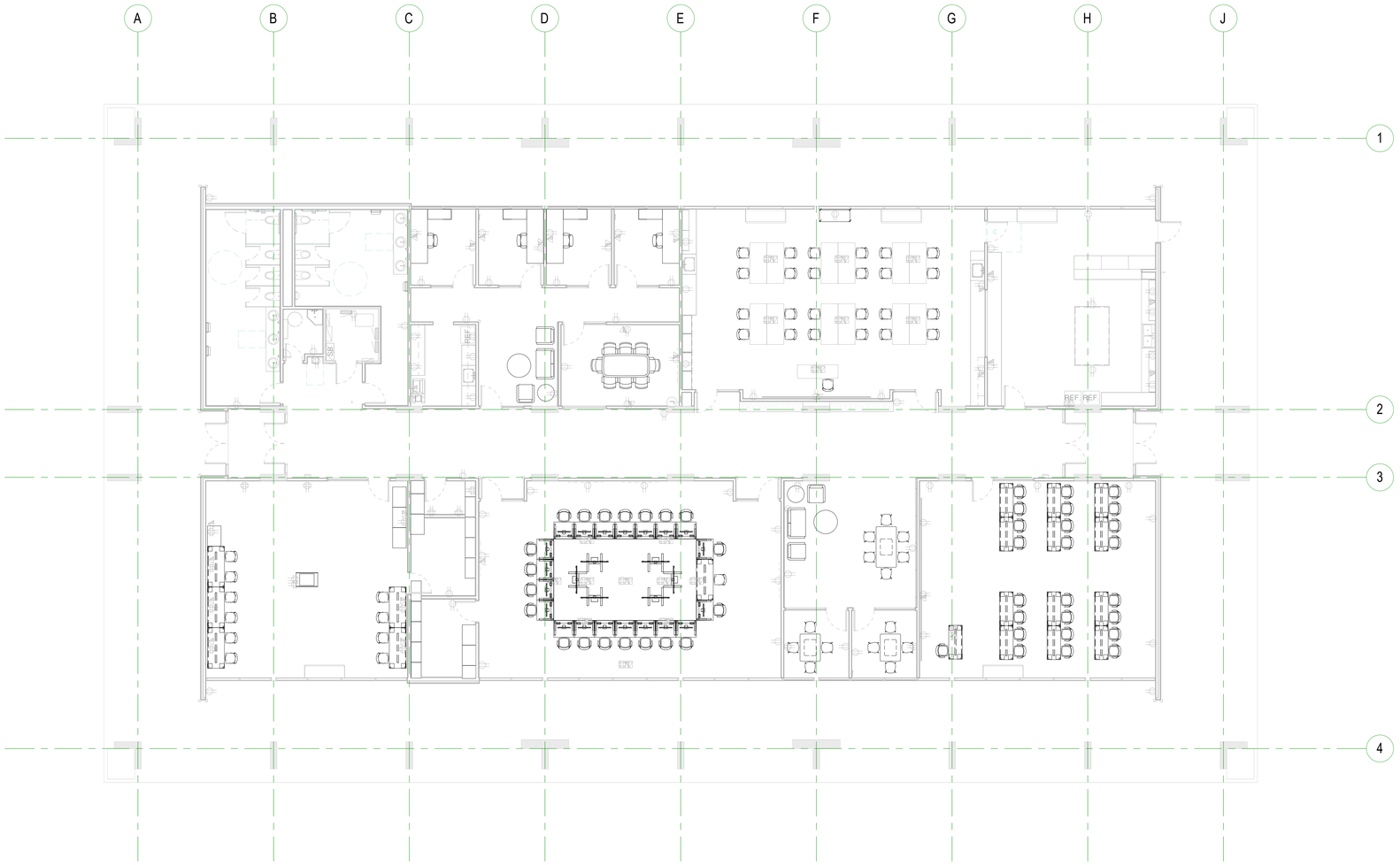
Sheet No.
A1.31

Job No.
4859-01

plotted: 3/8/2023 4:57:57 PM
sheet size: 30" x 42"

FURNITURE PLANS SHEET NOTES

1. ALL FURNITURE SHOWN FOR REFERENCE ONLY, NIC.



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

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Revisions to Sheet

No.	Revision	Date

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Date: **March 3, 2023**

Sheet Title
FURNITURE PLAN - FOR REFERENCE ONLY

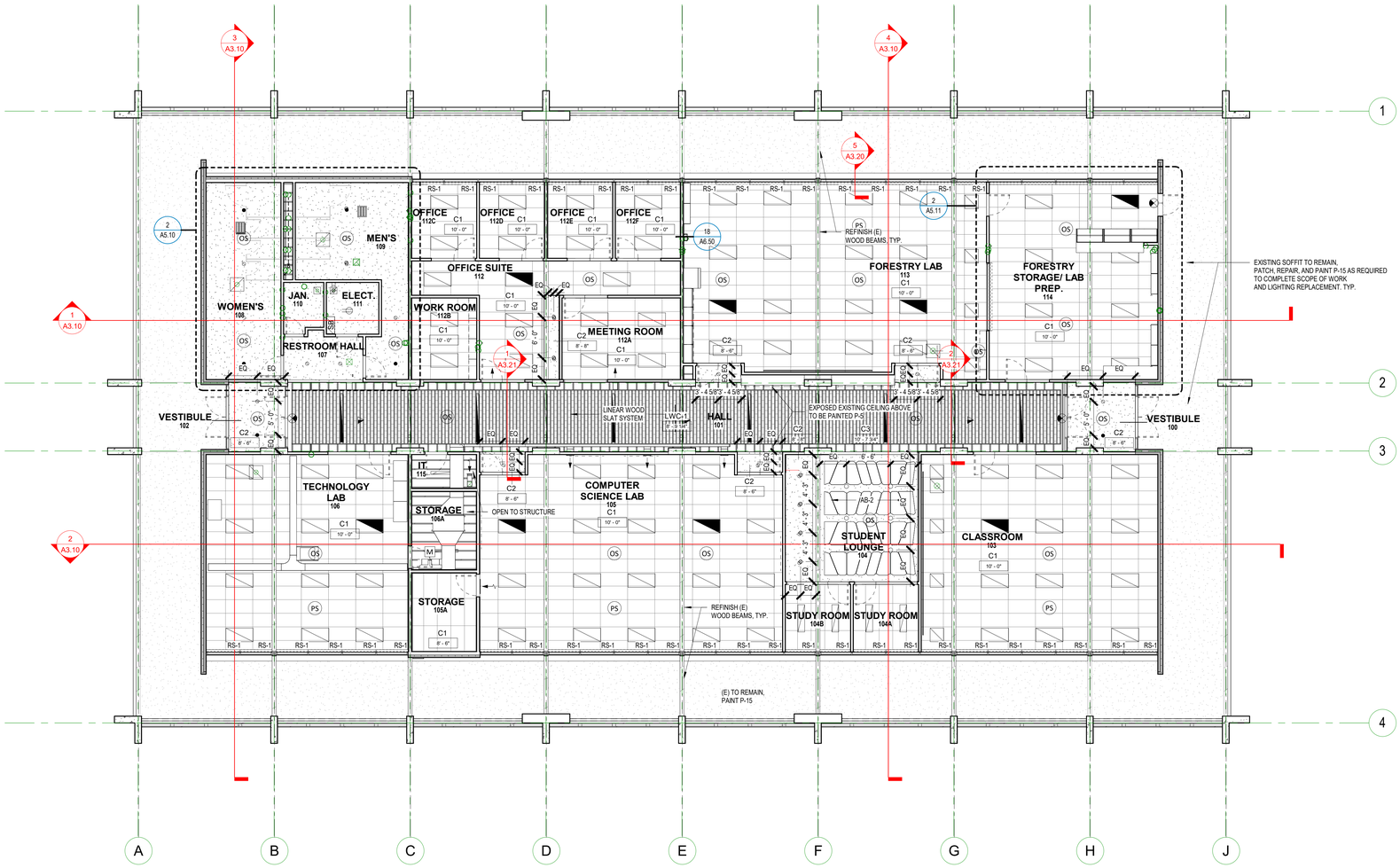
Sheet No.
A1.41

Job No.
4859-01

plotted: 3/8/2023 4:58:02 PM
sheet size: 30" 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.



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

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Key Plan

Revisions to Sheet

No.	Revision	Date

Status: **BID & PERMIT DOCUMENTS**

Date: **March 3, 2023**

Sheet Title
REFLECTED CEILING PLAN

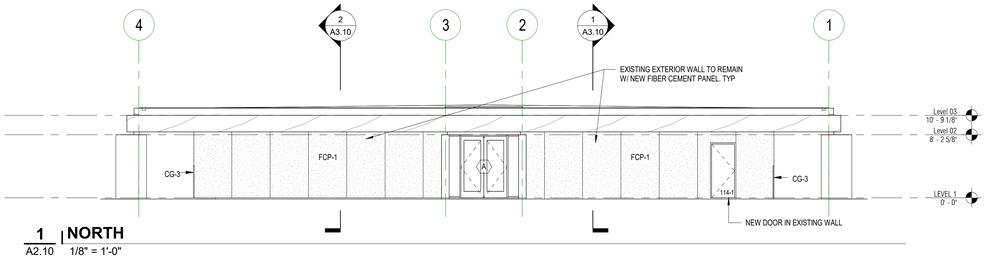
Sheet No.
A1.71

Job No.
4859-01

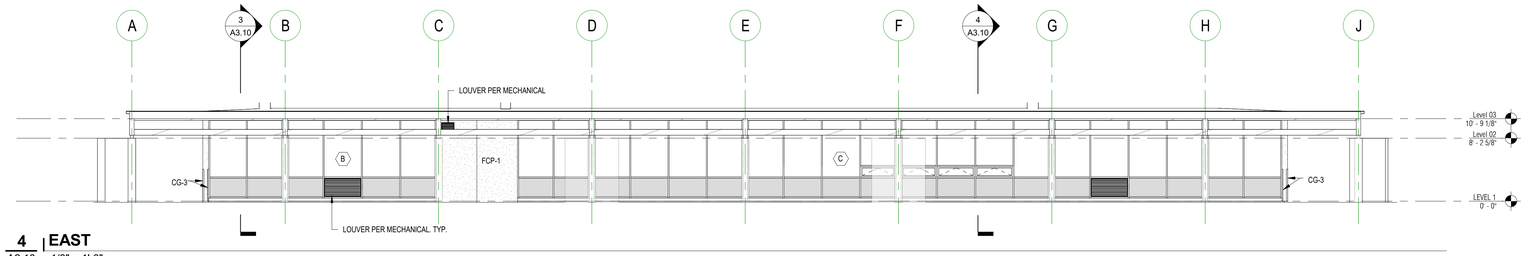
plotted: 3/8/2023 4:58:06 PM
sheet size: 30" x 42"

EXTERIOR ELEVATIONS SHEET NOTES

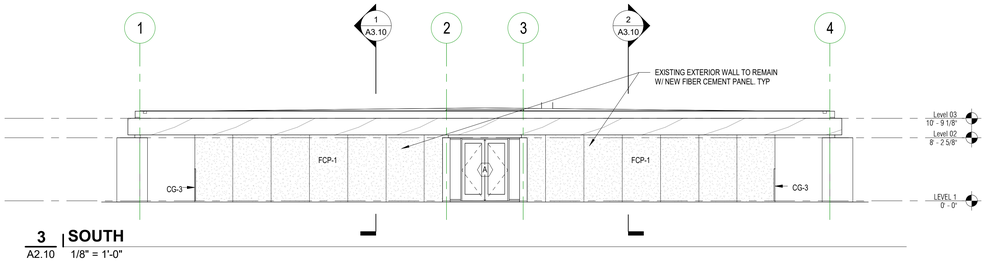
1. REFERENCE LEGEND FOR EXTERIOR MATERIALS
2. REFERENCE A4.00 FOR EXTERIOR FRAME TYPES
3. REFERENCE LANDSCAPE FOR GRADING
4. ALL REVEAL JOINTS DIMENSIONED TO CENTERLINE OF REVEAL UON
5. REF. A0.40 FOR EXTERIOR WALL ASSEMBLIES.
6. ALL EXISTING PAINTED EXTERIOR SURFACES TO BE PREPARE AND REPAINTED SIMILAR COLOR.
7. ALL EXISTING EXPOSED CONCRETE COLUMNS TO BE CLEANED BY PRESSURE WASHING AND RESEALED.
8. ALL NEW FIBER CEMENT PANELS AND WOOD TRIM TO BE PAINTED.



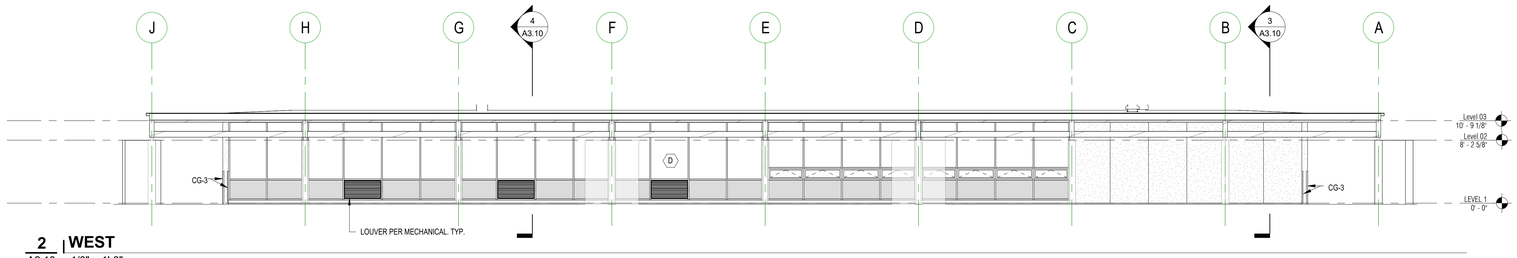
1 | NORTH
A2.10 1/8" = 1'-0"



4 | EAST
A2.10 1/8" = 1'-0"



3 | SOUTH
A2.10 1/8" = 1'-0"



2 | WEST
A2.10 1/8" = 1'-0"

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Key Plan

Revisions to Sheet

No.	Revision	Date

Status: **BID & PERMIT DOCUMENTS**

Date: **March 3, 2023**

Sheet Title
EXTERIOR ELEVATIONS

Sheet No.
A2.10

Job No.
4859-01

plotted: 3/8/2023 4:58:07 PM
sheet size: 30" x 42"

4 | A2.50 **INTERIOR VIEW - FORESTRY LAB**
NOT TO SCALE

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

5 | A2.50 **INTERIOR VIEW - FORESTRY STORAGE/ LAB PREP.**
NOT TO SCALE

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

6 | A2.50 **INTERIOR VIEW - COMPUTER SCIENCE LAB**
NOT TO SCALE

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

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No.	Revision	Date

Status: **BID & PERMIT DOCUMENTS**

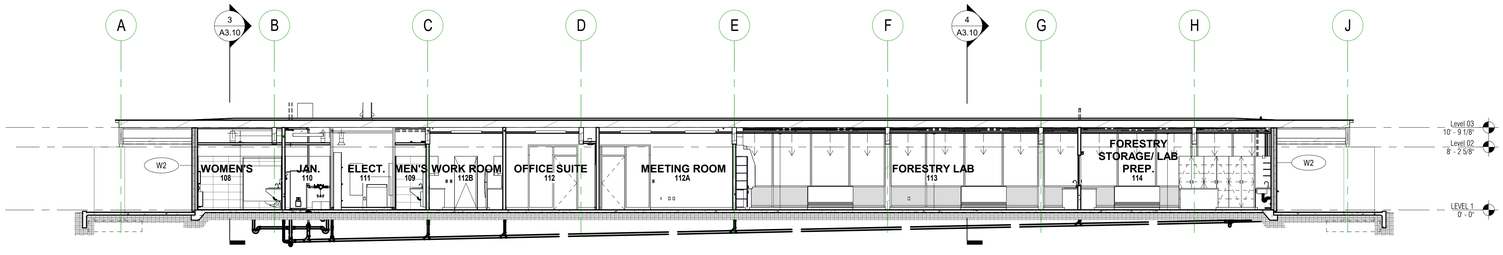
Date: **March 3, 2023**

Sheet Title
INTERIOR VIEWS

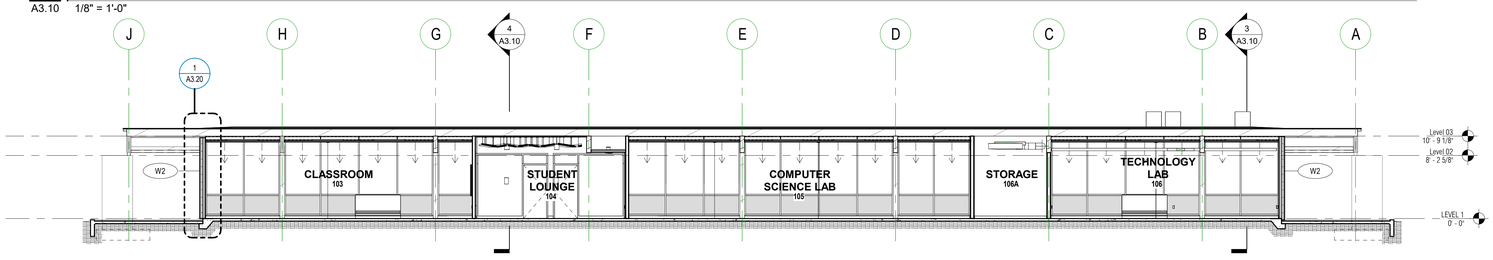
Sheet No.
A2.50

Job No.
4859-01

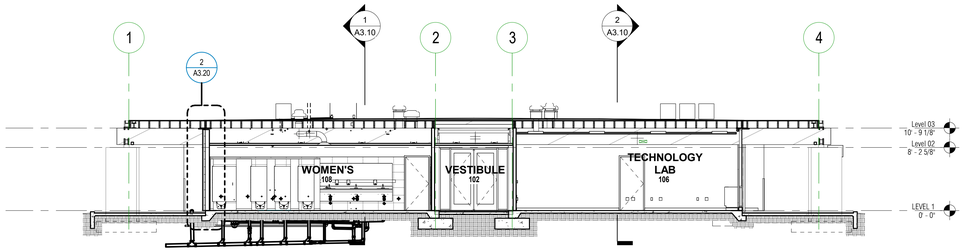
plotted: 3/8/2023 4:55:15 PM
sheet size: 30" x 42"



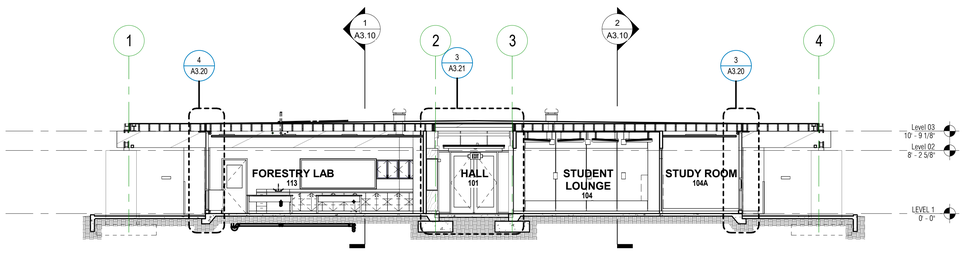
1 | **N-S BUILDING SECTION 1**
A3.10 1/8" = 1'-0"



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



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



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

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Date: **March 3, 2023**

Sheet Title
BUILDING SECTIONS

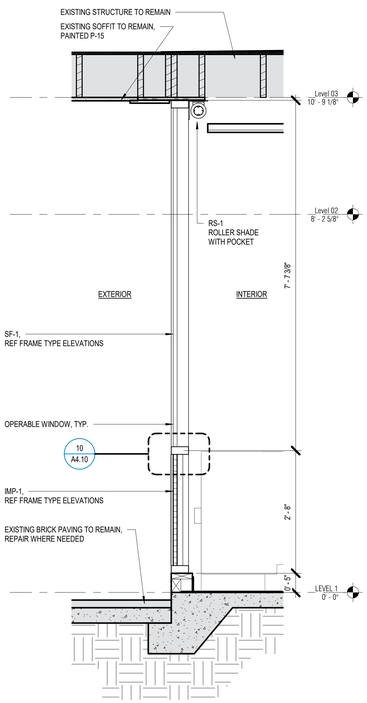
Sheet No.
A3.10

Job No.
4859-01

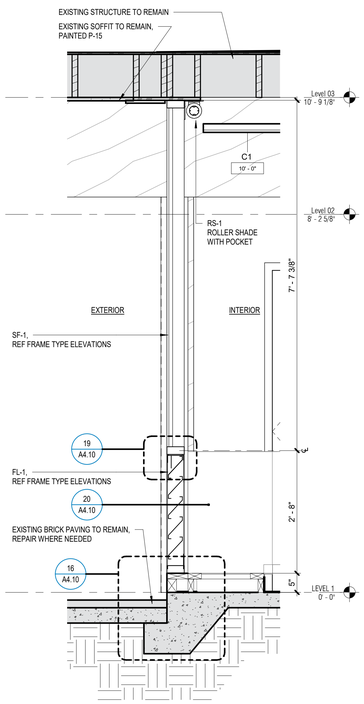
plotted: 3/8/2023 4:55:16 PM
sheet size: 30" x 42"

WALL SECTIONS SHEET NOTES

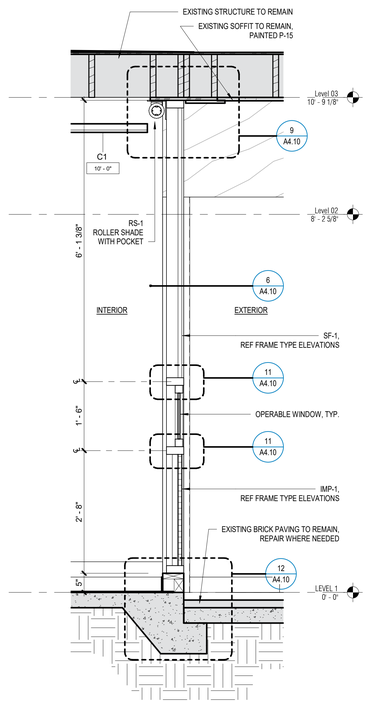
1. REFERENCE A6.01 FOR OPENING FRAME TYPES, GLAZING UNIT TYPE AND DETAIL CALLOUTS
2. EXTERIOR STUD TO BE BALLOON FRAMED. REFER TO WALL SECTIONS FOR MORE INFORMATION.
3. WOOD PANEL JOINTS TO ALIGN WITH CENTER LINE OF MULLION U.NO.
4. REFERENCE A0.40 FOR WALL ASSEMBLIES AND HORIZONTAL ASSEMBLIES



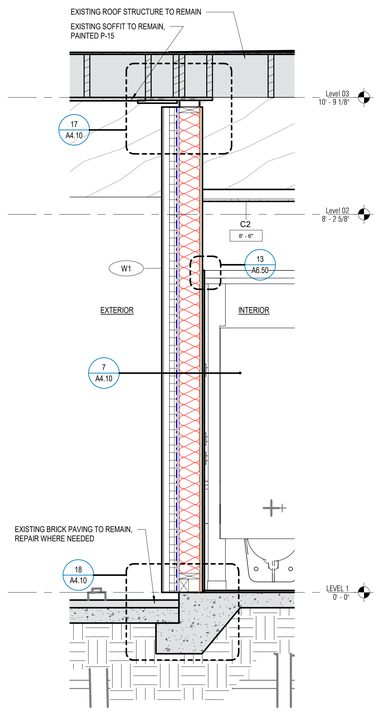
5 | EXT. STOREFRONT SECTION, TYP.
A3.20 3/4" = 1'-0"



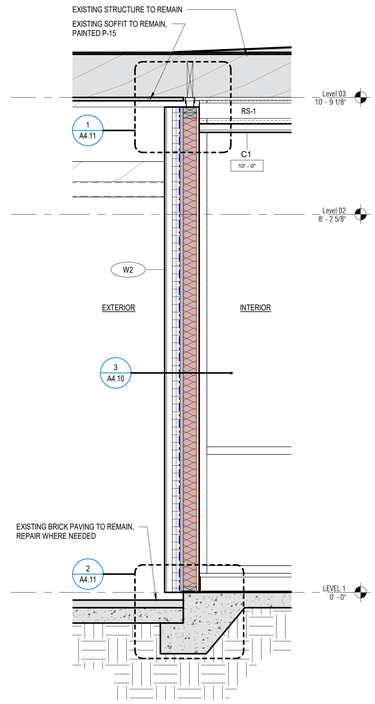
4 | EXT. STOREFRONT SECTION @ LOUVER
A3.20 3/4" = 1'-0"



3 | EXT. STOREFRONT SECTION W/ OPERABLE WINDOW
A3.20 3/4" = 1'-0"



2 | EXT. WALL SECTION E-W
A3.20 3/4" = 1'-0"



1 | EXISTING EXT. WALL SECTION N-S
A3.20 3/4" = 1'-0"

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SOUTHWESTERN
AN OREGON COMMUNITY COLLEGE

Project Name:
Coaledo Hall

Project Adress:
1988 Newmark Avenue, Coos Bay, OR 97420

Key Plan

Revisions to Sheet

No.	Revision	Date

Status: **BID & PERMIT DOCUMENTS**

Date: **March 3, 2023**

Sheet Title
WALL SECTIONS

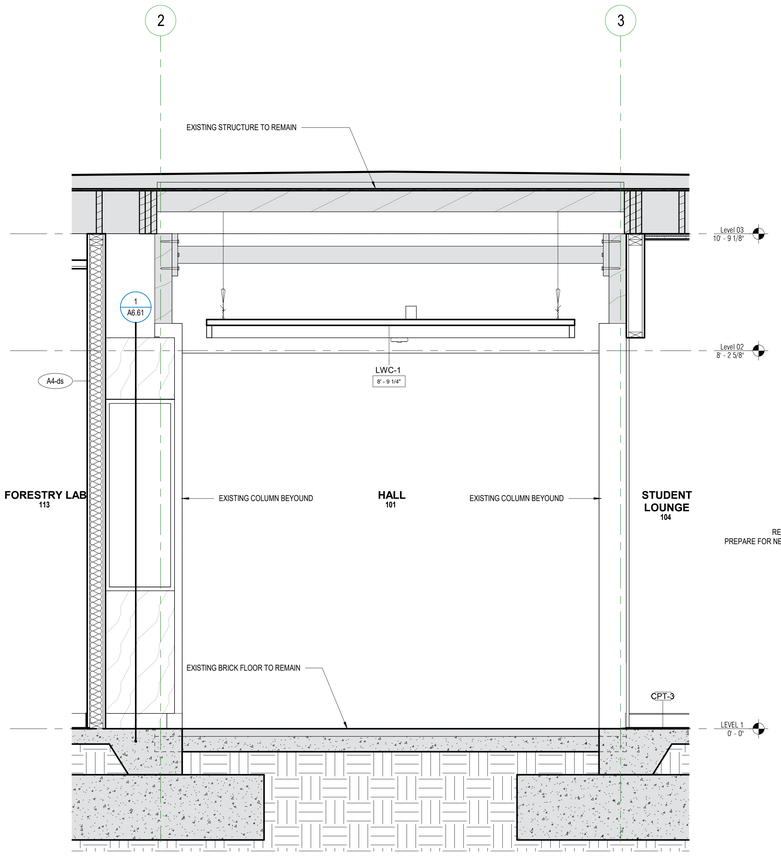
Sheet No.
A3.20

Job No.
4859-01

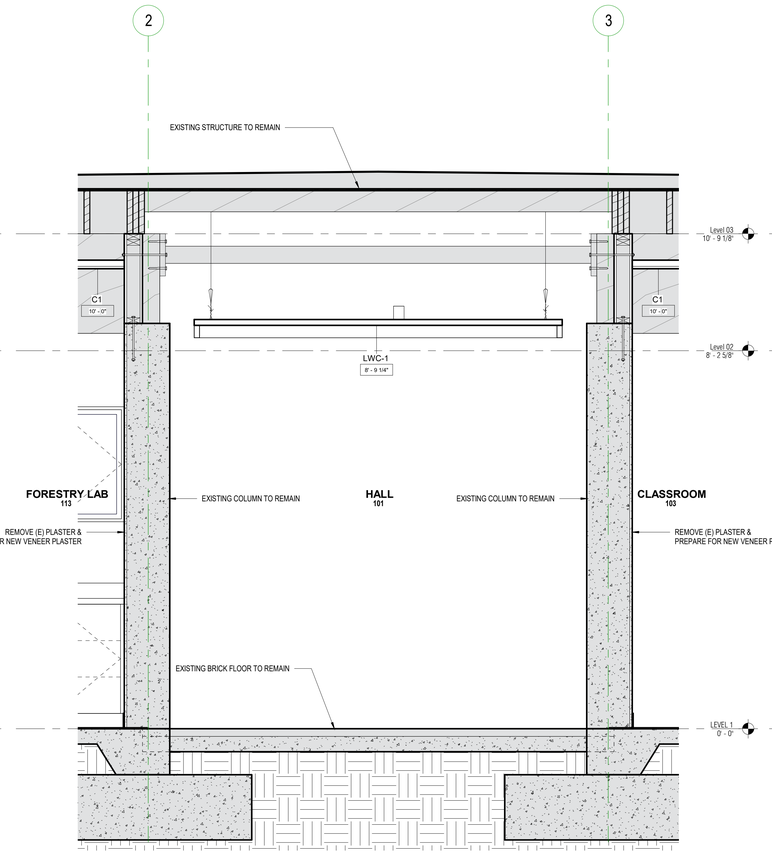
plotted: 3/8/2023 5:05:53 PM
sheet size: 30" x 42"

WALL SECTIONS SHEET NOTES

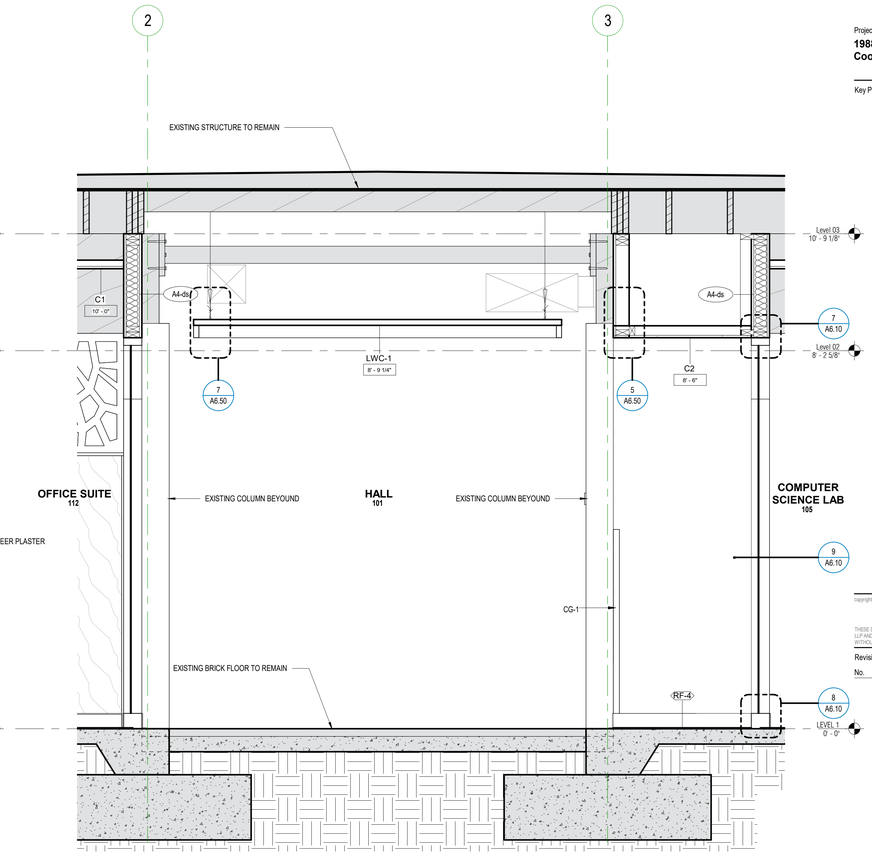
1. REFERENCE A6.01 FOR OPENING FRAME TYPES, GLAZING UNIT TYPE AND DETAIL CALLOUTS
2. EXTERIOR STUD TO BE BALLOON FRAMED. REFER TO WALL SECTIONS FOR MORE INFORMATION.
3. WOOD PANEL JOINTS TO ALIGN WITH CENTER LINE OF MULLION U.N.O.
4. REFERENCE A0.40 FOR WALL ASSEMBLIES AND HORIZONTAL ASSEMBLIES



3 | HALL SECTION E-W @ DISPLAY
A3.21 3/4" = 1'-0"



2 | HALL SECTION E-W @ EXISTING COLUMNS
A3.21 3/4" = 1'-0"



1 | HALL SECTION E-W @ LAB ENTRANCE
A3.21 3/4" = 1'-0"

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Date: **March 3, 2023**

Sheet Title
WALL SECTIONS

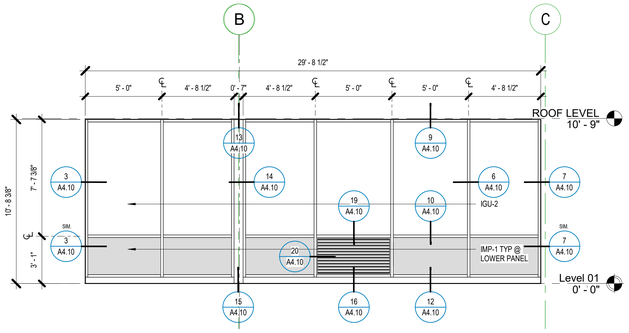
Sheet No.
A3.21

Job No.
4859-01

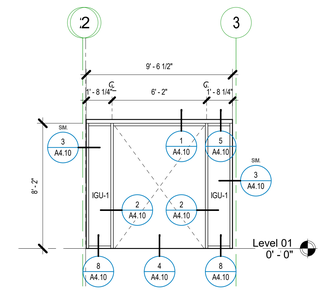
plotted: 3/8/2023 5:08:33 PM
sheet size: 30" x 42"

EXTERIOR OPENINGS SHEET NOTES

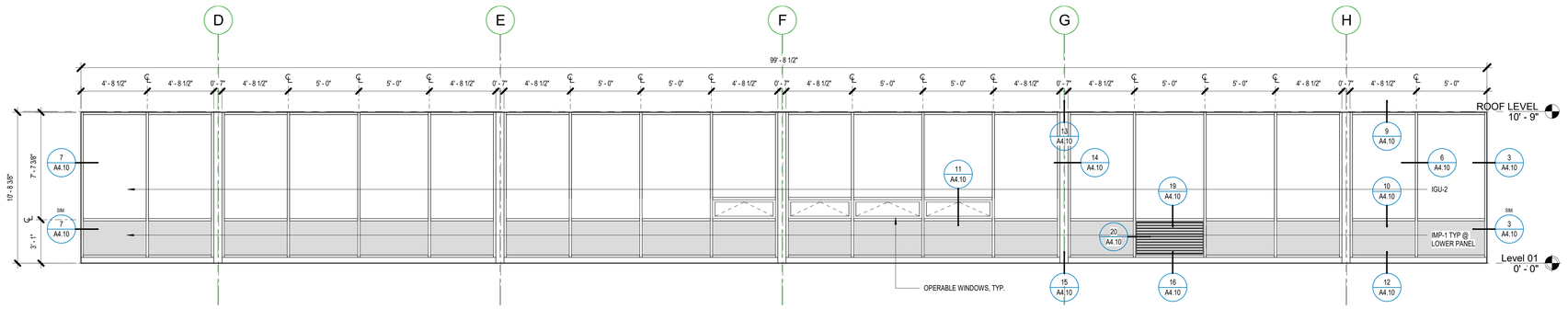
1. VERIFY ALL DIMENSIONS IN THE FIELD
2. INTERMEDIATE DIMENSIONS ARE TO CENTERLINE OF MULLION
3. SEE DOOR SCHEDULE FOR DOOR OPENING DIMENSIONS AND HARDWARE INFORMATION
4. OVERALL DIMENSIONS ARE ROUGH OPENINGS U.N.O.
5. REFER TO ELEVATIONS FOR CONDITIONS WHERE TYPICAL EXTERIOR STOREFRONT SYSTEMS ARE MIRRORED
6. STOREFRONT TYPES ARE DESIGNATED WITH A PREFIX OF 'SF-'
7. ALL OPERABLE WINDOWS ARE MANUAL OPERATION, TYP.
8. REFERENCE SPECIFICATION FOR GLAZING TYPES AND LOCATIONS, INCLUDING TEMPERED GLASS, TYP. U.N.O.
9. FOR SYMBOLS AND ABBREVIATIONS SEE SHEET A0.01



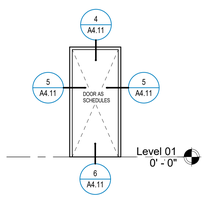
B | EXT SF-1



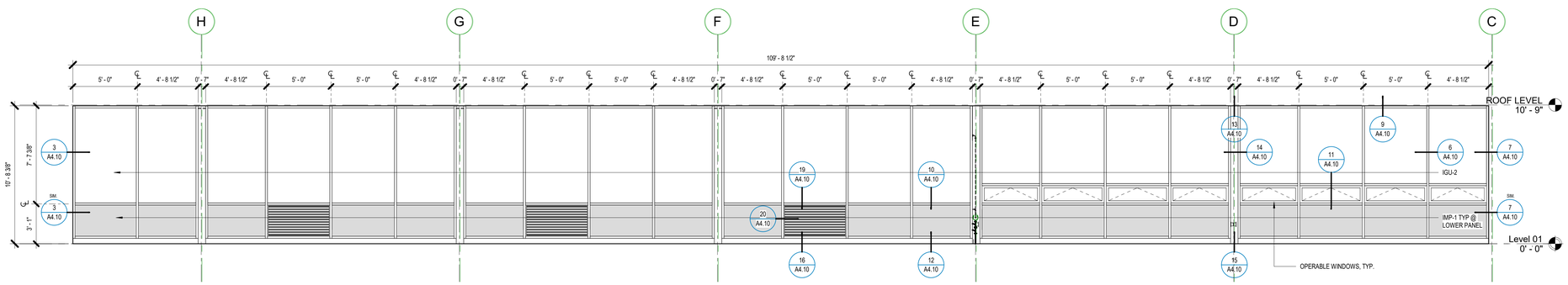
A | EXT SF-1



C | EXT SF-1



E | EXT SF-1



D | EXT SF-1

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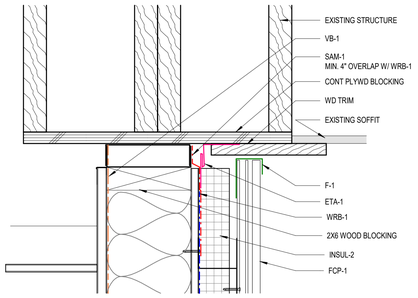
Sheet Title
EXTERIOR FRAMED OPENING TYPES

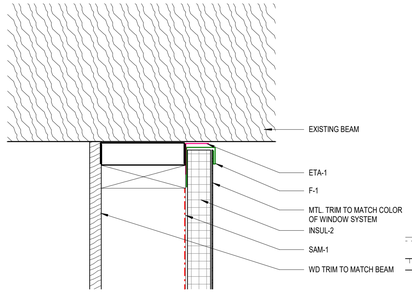
Sheet No.
A4.01

Job No.
4859-01

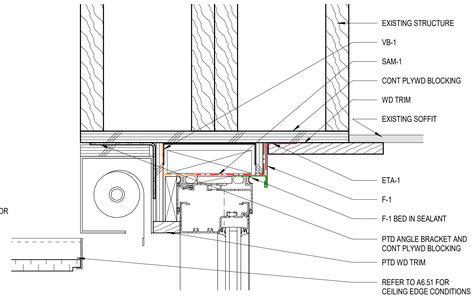
plotted: 3/8/2023 4:58:25 PM
sheet size: 30" x 42"



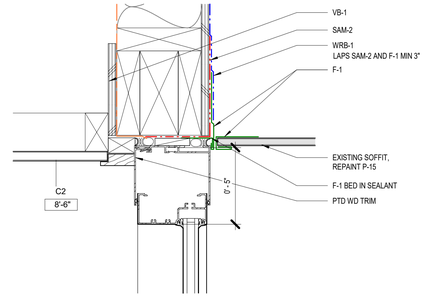
17 | **SECTION DETAIL @ TYP EXT WALL**
A4.10 3" = 1'-0"



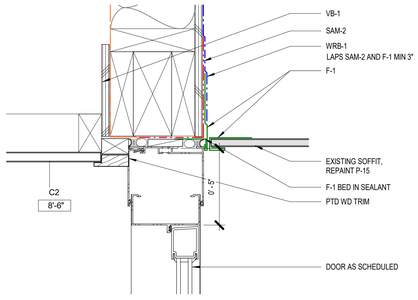
13 | **STOREFRONT HEAD TYPICAL @ BEAM**
A4.10 3" = 1'-0"



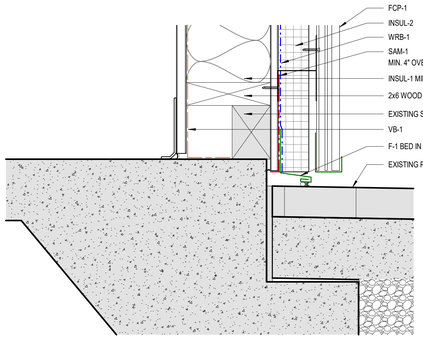
9 | **STOREFRONT HEAD TYPICAL**
A4.10 3" = 1'-0"



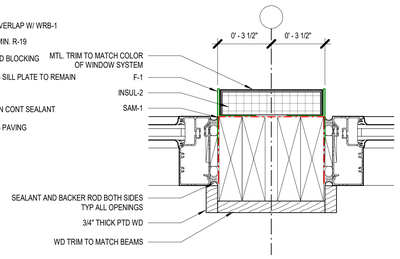
5 | **STOREFRONT HEAD @ NORTH/SOUTH**
A4.10 3" = 1'-0"



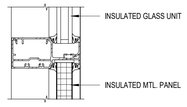
1 | **STOREFRONT DOOR HEAD TYPICAL**
A4.10 3" = 1'-0"



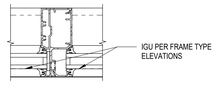
18 | **SECTION DETAIL @ TYP EXT WALL SILL**
A4.10 3" = 1'-0"



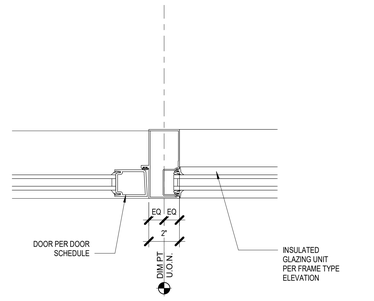
14 | **STOREFRONT JAMB @ MULLION**
A4.10 3" = 1'-0"



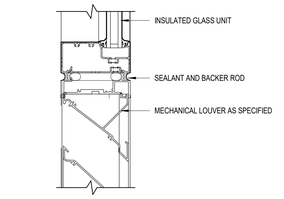
10 | **STOREFRONT @ HORIZ MULLION TYP**
A4.10 3" = 1'-0"



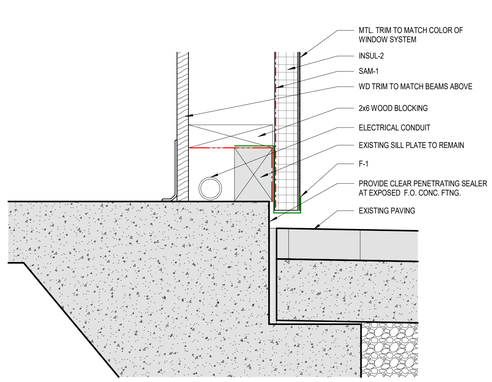
6 | **STOREFRONT @ VERT MULLION TYP**
A4.10 3" = 1'-0"



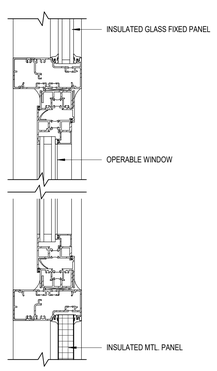
2 | **STOREFRONT DOOR JAMB TYPICAL**
A4.10 3" = 1'-0"



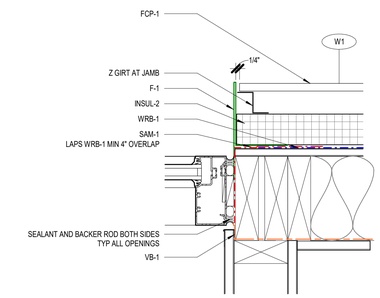
19 | **STOREFRONT @ LOUVER HEAD**
A4.10 3" = 1'-0"



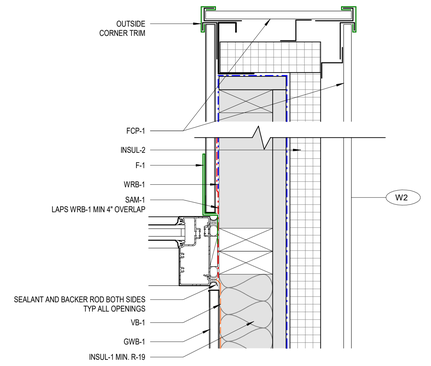
15 | **STOREFRONT SILL @ MULLION**
A4.10 3" = 1'-0"



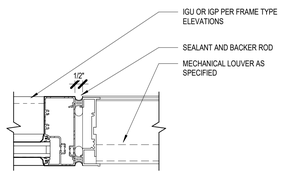
11 | **STOREFRONT @ OPERABLE WINDOW**
A4.10 3" = 1'-0"



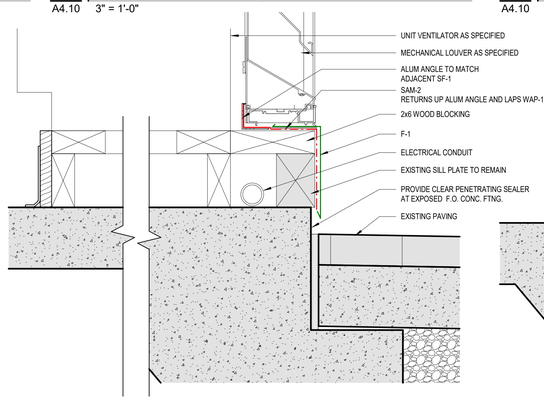
7 | **STOREFRONT JAMB @ WALL**
A4.10 3" = 1'-0"



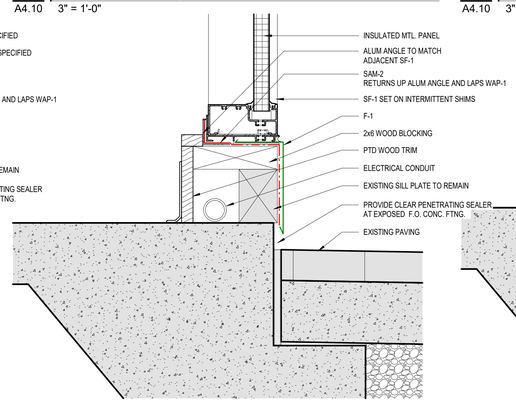
3 | **STOREFRONT JAMB @ EXT CORNER**
A4.10 3" = 1'-0"



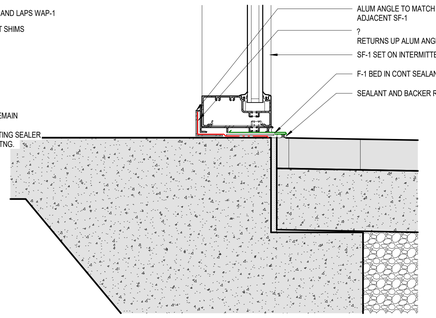
20 | **STOREFRONT @ LOUVER JAMB**
A4.10 3" = 1'-0"



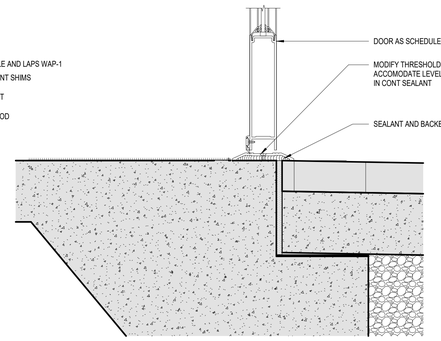
16 | **STOREFRONT SILL @ LOUVER**
A4.10 3" = 1'-0"



12 | **STOREFRONT SILL TYPICAL**
A4.10 3" = 1'-0"



8 | **STOREFRONT SILL @ NORTH/SOUTH**
A4.10 3" = 1'-0"



4 | **STOREFRONT DOOR SILL TYPICAL**
A4.10 3" = 1'-0"

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Key Plan

Revisions to Sheet

Revision	Date

Status: **BID & PERMIT DOCUMENTS**

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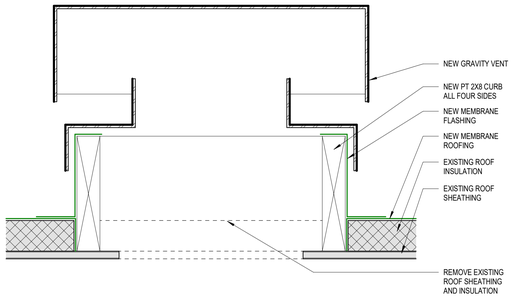
Sheet Title
EXTERIOR ENVELOPE DETAILS

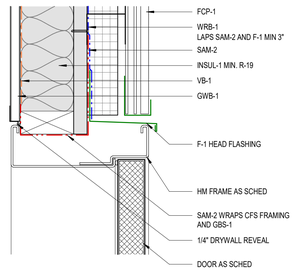
Sheet No.
A4.10

Job No.
4859-01

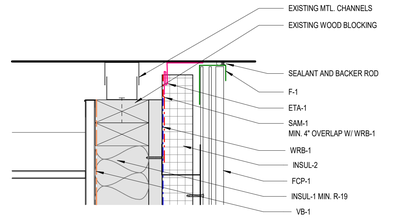
plotted: 4/11/2023 3:06:24 PM
sheet size: 30" x 42"



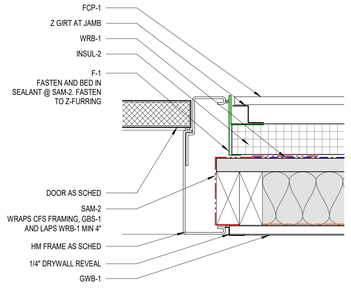
7 | **TYPICAL ROOF VENT DETAIL**
A4.11 3" = 1'-0"



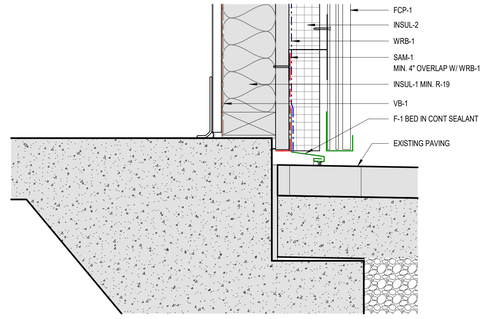
4 | **HM-1 DOOR HEAD**
A4.11 3" = 1'-0"



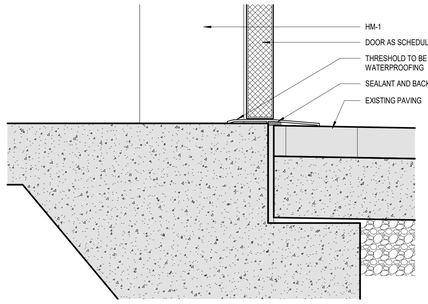
1 | **SECTION DETAIL AT EXISTING WALL HEAD**
A4.11 3" = 1'-0"



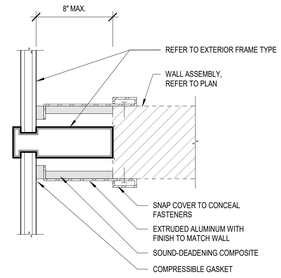
5 | **HM-1 DOOR JAMB**
A4.11 3" = 1'-0"



2 | **SECTION DETAIL @ TYP EXISTING EXT WALL SILL**
A4.11 3" = 1'-0"



6 | **HM-1 DOOR SILL**
A4.11 3" = 1'-0"



3 | **MULLION TRIM CAP**
A4.11 3" = 1'-0"

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Sheet No.
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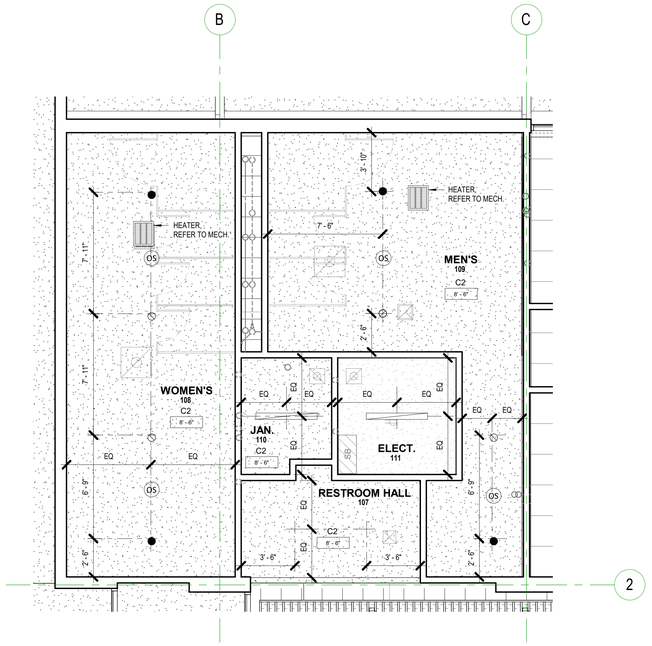
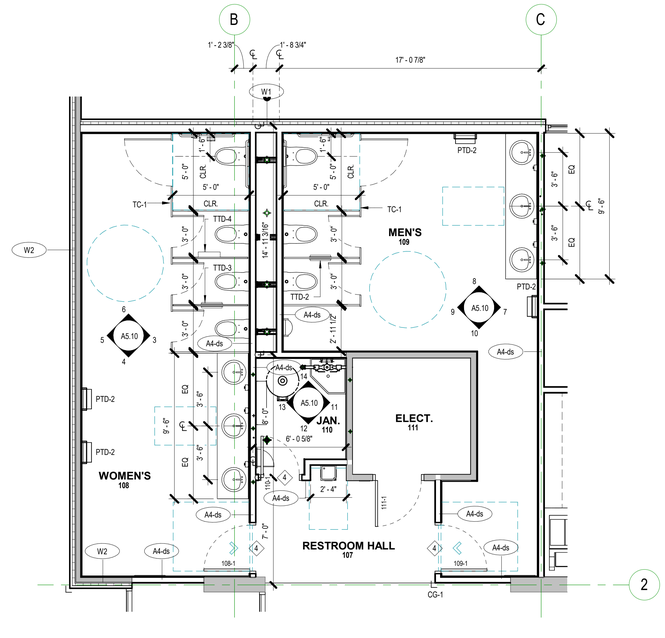
Job No.
4859-01

plotted: 3/8/2023 4:58:31 PM
sheet size: 30" x 42"



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

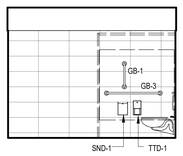
1. REFERENCE SHEET A0.10 FOR MOUNTING HEIGHTS AND GENERAL INFORMATION
2. REFERENCE SHEET A0.50 FOR INTERIOR WALL AND CEILING ASSEMBLY TYPES.
3. REFERENCE SHEET A0.70 FOR DORO SCHEDULE AND DOOR TYPES.
4. PROVIDE BLOCKING AT LOCATIONS TO RECEIVE WALL-MOUNTED CASEWORK, EQUIPMENT AND ACCESSORIES

CEILING PLAN SHEET NOTES

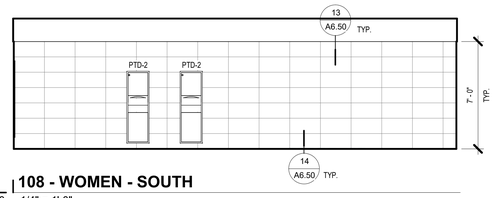
1. REFERENCE ELECTRICAL/LIGHTING FOR LIGHTING BASIS OF DESIGN.
2. REFERENCE SHEET A0.50 FOR CEILING ASSEMBLY INFORMATION
3. ALL HVAC DIFFUSERS, SPRINKLER HEADS AND CEILING MOUNTED EQUIPMENT TO BE COORDINATED WITH ARCHITECTURAL CEILING PLANS IN CONJUNCTION WITH RESPECTIVE DISCIPLINES
4. CENTER CEILING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

INTERIOR ELEVATIONS SHEET NOTES

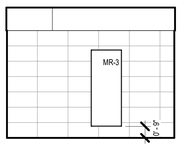
1. REFERENCE A0.00 FOR MATERIAL KEY
2. REFERENCE A6.20 FOR ROOM FINISH SCHEDULE
3. REFERENCE A6.01 FOR INTERIOR FRAME TYPES
4. CASEWORK FINISH SCHEDULED IN ROOM FINISH SCHEDULE.
5. REFERENCE REFLECTED CEILING PLAN FOR WINDOW COVERINGS.
6. REFER TO A0.10 FOR TYPICAL MOUNTING HEIGHT REQUIREMENTS



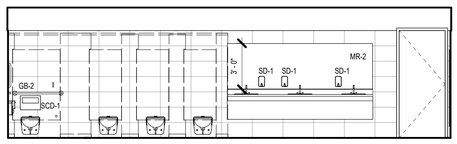
6 | 108 - WOMEN - WEST
A5.10 1/4" = 1'-0"



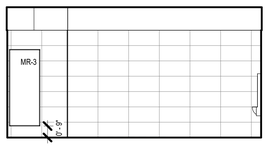
5 | 108 - WOMEN - SOUTH
A5.10 1/4" = 1'-0"



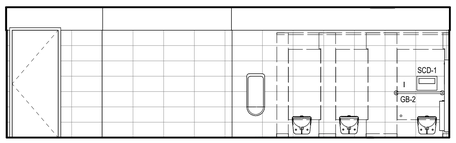
4 | 108 - WOMEN - EAST
A5.10 1/4" = 1'-0"



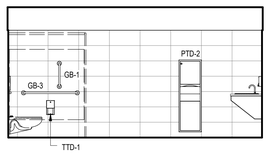
3 | 108 - WOMEN - NORTH
A5.10 1/4" = 1'-0"



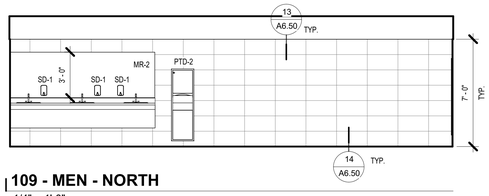
10 | 109 - MEN - WEST
A5.10 1/4" = 1'-0"



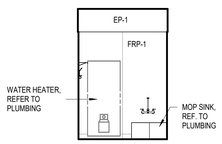
9 | 109 - MEN - SOUTH
A5.10 1/4" = 1'-0"



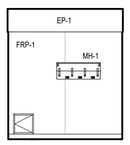
8 | 109 - MEN - EAST
A5.10 1/4" = 1'-0"



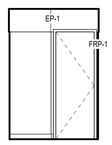
7 | 109 - MEN - NORTH
A5.10 1/4" = 1'-0"



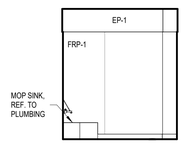
14 | 110 - JANITOR - WEST
A5.10 1/4" = 1'-0"



13 | 110 - JANITOR - SOUTH
A5.10 1/4" = 1'-0"



12 | 110 - JANITOR - EAST
A5.10 1/4" = 1'-0"



11 | 110 - JANITOR - NORTH
A5.10 1/4" = 1'-0"

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REGISTERED ARCHITECT
ARI-3374
MARK ALAN STOLLER
PORTLAND, OREGON
STATE OF OREGON

Project Owner:
SWOCC

SOUTHWESTERN OREGON COMMUNITY COLLEGE

Project Name:
Coaledo Hall

Project Adress:
1988 Newmark Avenue, Coos Bay, OR 97420

Key Plan

Revisions to Sheet

No.	Revision	Date

Status: **BID & PERMIT DOCUMENTS**

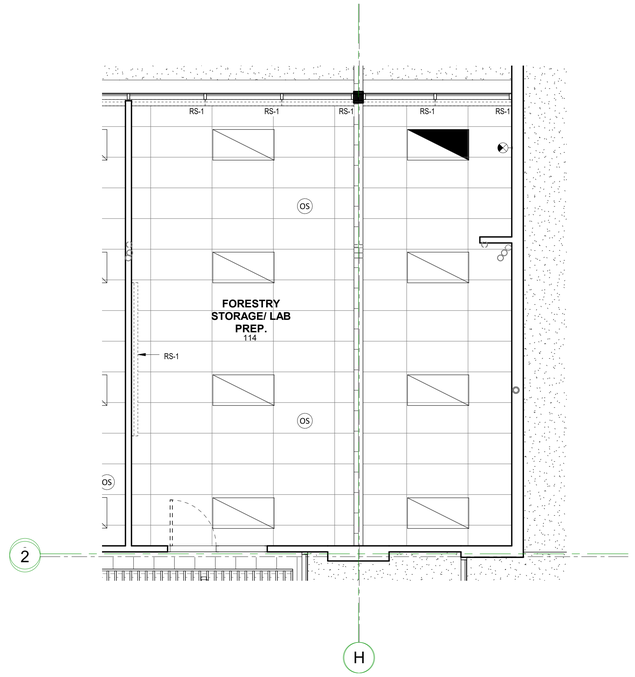
Date: **March 3, 2023**

Sheet Title
ENLARGED DRAWINGS

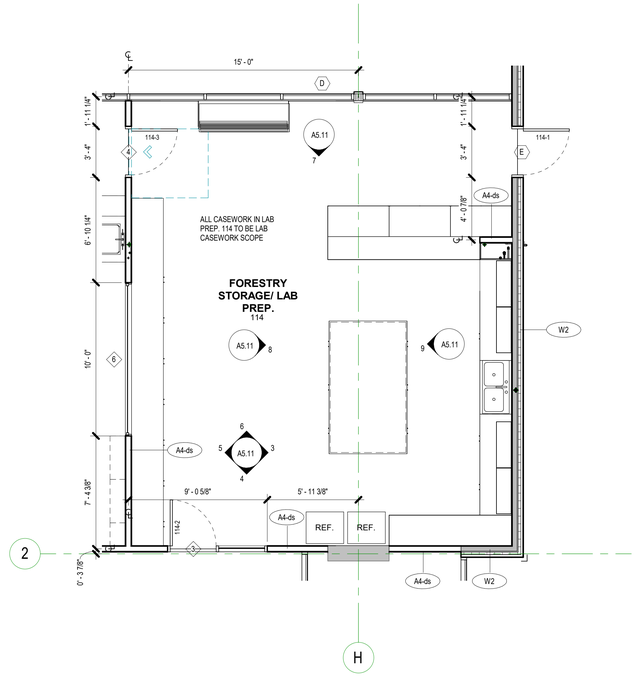
Sheet No.
A5.10

Job No.
4859-01

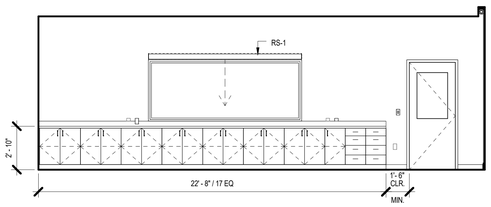
plotted: 3/8/2023 4:58:35 PM
sheet size: 30" x 42"



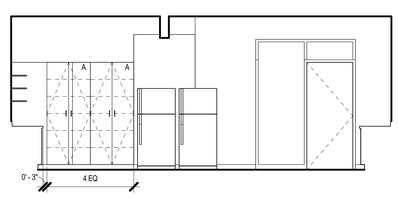
2 | ENLARGED RCP - FORESTRY STORAGE/ LAB PREP.
A5.11 1/4" = 1'-0"



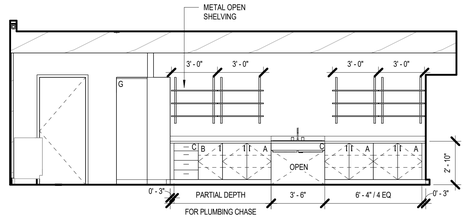
1 | ENLARGED PLAN - FORESTRY STORAGE/ LAB PREP.
A5.11 1/4" = 1'-0"



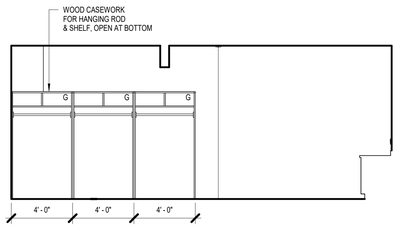
5 | 114 - FORESTRY STORAGE/ LAB PREP. - SOUTH
A5.11 1/4" = 1'-0"



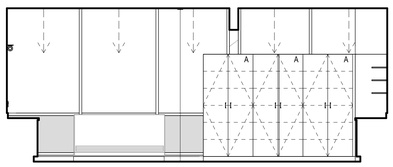
4 | 114 - FORESTRY STORAGE/ LAB PREP. - EAST
A5.11 1/4" = 1'-0"



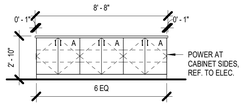
3 | 114 - FORESTRY STORAGE/ LAB PREP. - NORTH
A5.11 1/4" = 1'-0"



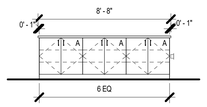
7 | 114 - FORESTRY STOR/ LAB PREP - EAST AT CASEWORK
A5.11 1/4" = 1'-0"



6 | 114 - FORESTRY STORAGE/ LAB PREP. - WEST
A5.11 1/4" = 1'-0"



9 | 114 - FORESTRY STOR/ LAB PREP - SOUTH AT CASEWORK
A5.11 1/4" = 1'-0"



8 | 114 - FORESTRY STOR/ LAB PREP - NORTH AT CASEWORK
A5.11 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
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4. CENTER CEILING TILE IN ROOM AND LIGHT FIXTURES IN TILES
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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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MARK ALAN STOLLER
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Key Plan

Revisions to Sheet

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Sheet Title
ENLARGED DRAWINGS

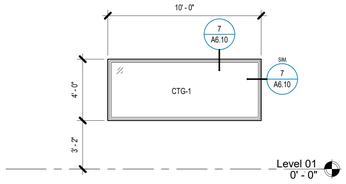
Sheet No.
A5.11

Job No.
4859-01

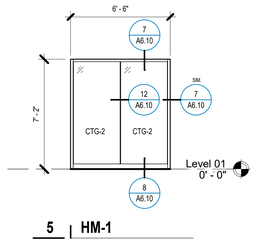
plotted: 3/8/2023 4:58:38 PM
sheet size: 30" x 42"

INTERIOR OPENINGS SHEET NOTES

1. OVERALL DIMENSIONS ARE TO ROUGH OPENINGS OF FRAMES, UON
2. INTERMEDIATE DIMENSIONS ARE TO CENTERLINE OF MULLION
3. SEE DOOR SCHEDULE FOR DOOR SIZES AND HARDWARE INFORMATION
4. REFER TO FLOOR PLANS & INTERIOR ELEVATIONS FOR FRAME TYPE LOCATIONS
5. ALL DIMENSIONS TO BE VERIFIED IN FIELD PRIOR TO FABRICATION OF FRAMES



6 | HM-1



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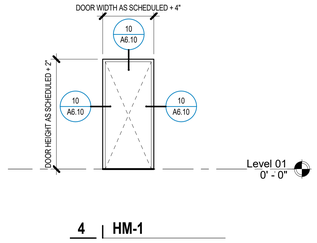
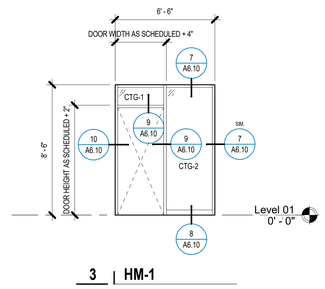
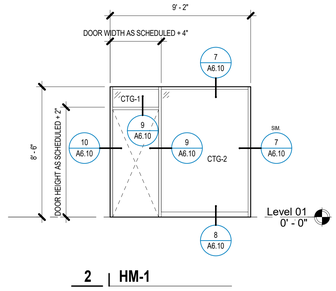


4 | HM-1



3 | HM-1



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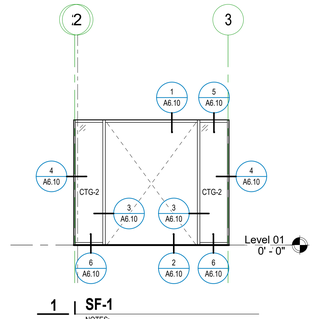

1 | SF-1

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Key Plan

Revisions to Sheet

No.	Revision	Date

Status: **BID & PERMIT DOCUMENTS**

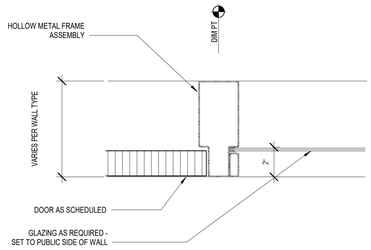
Date: **March 3, 2023**

Sheet Title
INTERIOR FRAMED OPENINGS

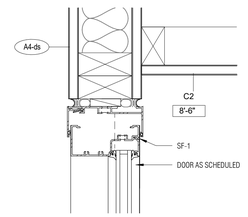
Sheet No.
A6.01

Job No.
4859-01

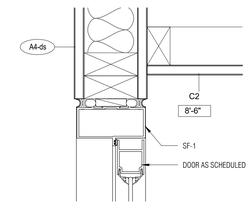
plotted: 3/8/2023 4:58:39 PM
sheet size: 30" x 42"



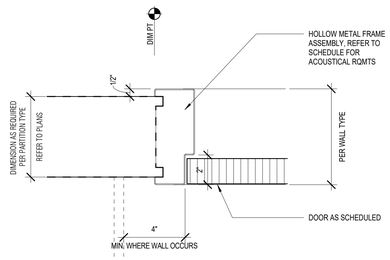
9 | **TYP HOLLOW METAL RELITE HEAD/JAMB @ DOOR**
A6.10 3" = 1'-0"



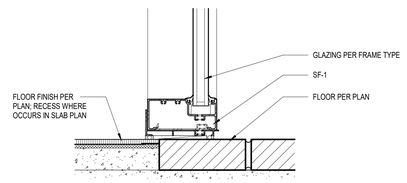
5 | **STOREFRONT HEAD @ VESTIBULE**
A6.10 3" = 1'-0"



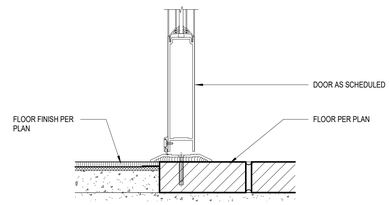
1 | **STOREFRONT DOOR HEAD @ VESTIBULE**
A6.10 3" = 1'-0"



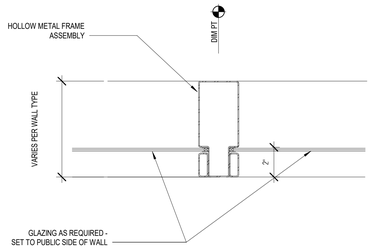
10 | **TYP HOLLOW METAL DOOR HEAD/JAMB**
A6.10 3" = 1'-0"



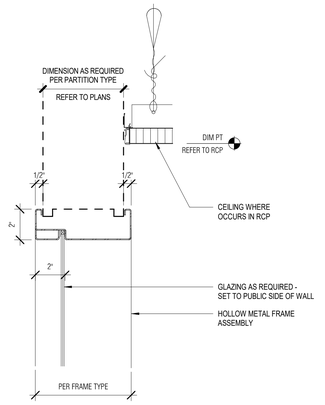
6 | **STOREFRONT SILL @ VESTIBULE**
A6.10 3" = 1'-0"



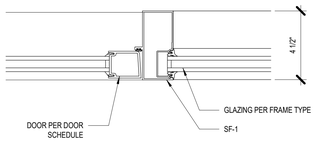
2 | **STOREFRONT DOOR SILL @ VESTIBULE**
A6.10 3" = 1'-0"



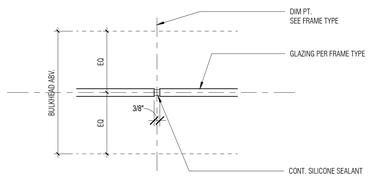
11 | **TYP HOLLOW METAL RELITE HEAD/JAMB**
A6.10 3" = 1'-0"



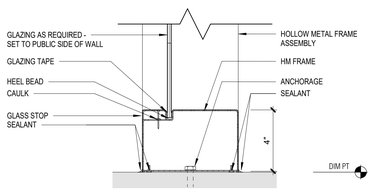
7 | **TYP HOLLOW METAL RELITE HEAD/ JAMB**
A6.10 3" = 1'-0"



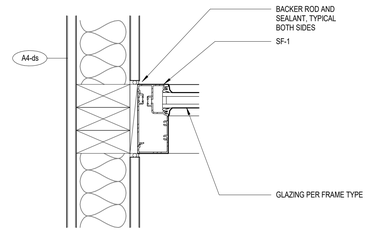
3 | **STOREFRONT JAMB AT MULLION**
A6.10 3" = 1'-0"



12 | **BUTT - GLAZE JOINT**
A6.10 3" = 1'-0"



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



4 | **STOREFRONT JAMB AT WALL - INTERIOR**
A6.10 3" = 1'-0"

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REGISTERED ARCHITECT
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Key Plan

Revisions to Sheet

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Status: **BID & PERMIT DOCUMENTS**

Date: **March 3, 2023**

Sheet Title
INTERIOR FRAMED OPENING DETAILS

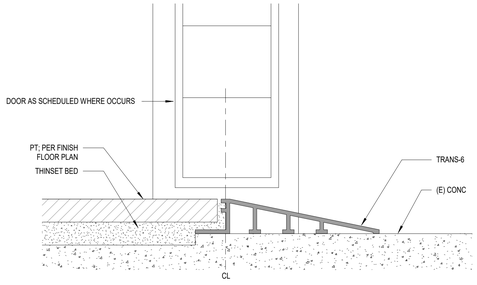
Sheet No.
A6.10

Job No.
4859-01

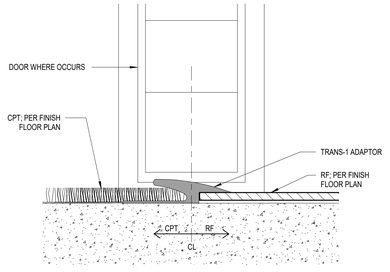
plotted: 3/8/2023 4:55:41 PM
sheet size: 30" x 42"

ROOM FINISH SCHEDULE

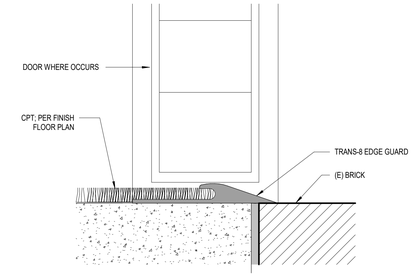
Room Number	Room Name	Floor Finish	Base	Walls				Ceiling Finish	Casework			Key Notes
				North	East	South	West		Lower	Counter	Upper	
				Finish	Finish	Finish	Finish					
100	VESTIBULE	(E) BR-1, (E) BRICK, (E) CONC, WOM-1	RB-2	-	(E), P-1	-	(E), P-1	P-2	-	-	-	DO NOT PAINT PILASTERS
101	HALL	(E) BRICK, (E) CONC, CPT-3, CPT-4, PT-2, RF-2, RF-4	RB-2	-	(E), P-1	-	(E), P-1	P-2, LWC-1	WD, GL	-	-	DO NOT PAINT PILASTERS
102	VESTIBULE	(E) BR-1, (E) BRICK, (E) CONC, WOM-1	RB-2	-	(E), P-1	-	(E), P-1	P-2	-	-	-	DO NOT PAINT PILASTERS
103	CLASSROOM	(E) CONC, RF-2	RB-2	P-1	-	P-1	P-1	ACT-1	-	-	-	
104	STUDENT LOUNGE	(E) CONC, CPT-3	RB-2, WD	WD, MB	P-1	P-4, PWP-1	P-1	P-2, AB-2	-	-	-	
104A	STUDY ROOM	(E) CONC, CPT-3	RB-2	P-1	-	P-1	P-1	ACT-1	-	-	-	
104B	STUDY ROOM	(E) CONC, CPT-3	RB-2	P-1	-	P-4	P-1	ACT-1	-	-	-	
105	COMPUTER SCIENCE LAB	(E) CONC, CPT-4	RB-2	P-1	-	P-4	P-1	ACT-1	-	-	-	
105A	STORAGE	(E) CONC, CPT-4	RB-2	P-1	P-1	P-1	P-1	ACT-1	-	-	-	
106	TECHNOLOGY LAB	(E) CONC, RF-2	RB-2	P-1	-	P-1	P-1	ACT-1	-	-	-	
106A	STORAGE	(E) CONC, RF-2	RB-2	P-1	P-1	P-1	P-1	-	-	-	-	
107	RESTROOM HALL	(E) BRICK, (E) CONC, PT-2	RB-2	EP-1	-	EP-1	EP-1	P-2	-	-	-	
108	WOMEN'S	(E) CONC, PT-2	PT-3	PT-3, EP-1	PT-3, EP-1	PT-3, EP-1	PT-3, EP-1	P-2	PLAM-6	SURF-4	-	
109	MEN'S	(E) CONC, PT-2	PT-3	PT-3, EP-1	PT-3, EP-1	PT-3, EP-1	PT-3, EP-1	P-2	PLAM-6	SURF-4	-	
110	JAN.	(E) CONC, CONC-1	RB-2	FRP-1, EP-1	FRP-1, EP-1	FRP-1, EP-1	FRP-1, EP-1	P-2	-	-	-	
111	ELECT.	(E) CONC	(E)	(E)	(E)	(E)	(E)	(E)	-	-	-	
112	OFFICE SUITE	(E) CONC, CPT-4	RB-2, WD	P-1, WD	P-1	P-1	-	ACT-1	-	-	-	
112A	MEETING ROOM	CPT-4	RB-2	P-1	P-1	P-1	P-1	ACT-1	-	-	-	
112B	WORK ROOM	(E) CONC, RF-2	RB-2	P-1	P-1	P-1	P-1	ACT-1	PLAM-4	SURF-3	PLAM-4	
112C	OFFICE	(E) CONC, CPT-4	RB-2	P-1	P-1	P-1	-	ACT-1	-	-	-	
112D	OFFICE	(E) CONC, CPT-4	RB-2	P-1	P-1	P-1	-	ACT-1	-	-	-	
112E	OFFICE	(E) CONC, CPT-4	RB-2	P-1	P-1	P-1	-	ACT-1	-	-	-	
112F	OFFICE	(E) CONC, CPT-4	RB-2	P-1	P-1	P-1	-	ACT-1	-	-	-	
113	FORESTRY LAB	(E) CONC, RF-2	RB-2	EP-1	EP-1	EP-1	-	ACT-1	WD	SURF-5	MTL	LAB CASEWORK
114	FORESTRY STORAGE/ LAB PREP.	(E) CONC, RF-3	RB-2	EP-1	EP-1	EP-1	-	ACT-2	WD	SS-1	MTL	LAB CASEWORK
115	IT	(E) CONC	RB-2	P-1	P-1	P-1	P-1	-	-	-	-	



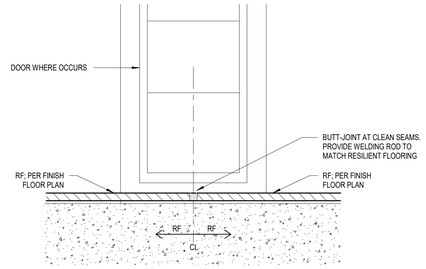
7 | FLOOR TRANSITION - PT TO (E) CONC
A6.20 12" = 1'-0"



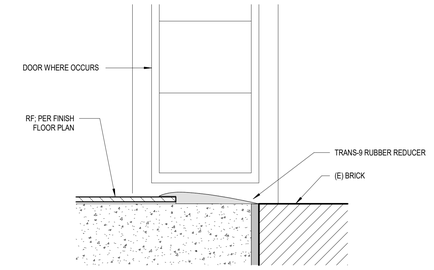
4 | FLOOR TRANSITION - CPT TO RF
A6.20 12" = 1'-0"



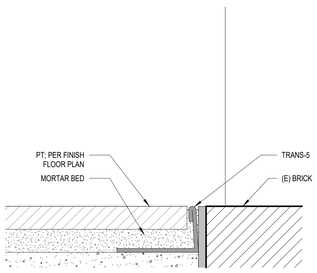
1 | FLOOR TRANSITION - CPT TO (E) BRICK
A6.20 12" = 1'-0"



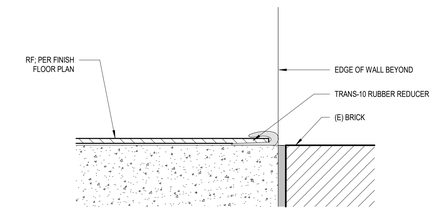
5 | FLOOR TRANSITION - RF TO RF
A6.20 12" = 1'-0"



2 | FLOOR TRANSITION - RF TO (E) BRICK AT DOOR
A6.20 12" = 1'-0"



6 | FLOOR TRANSITION - PT TO (E) BRICK
A6.20 12" = 1'-0"



3 | FLOOR TRANSITION - RF TO (E) BRICK AT ALCOVE
A6.20 12" = 1'-0"

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REGISTERED ARCHITECT
ARI-3374
MARK ALAN STOLLER
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STATE OF OREGON

Project Owner:
SWOCC

EST 1961
SOUTHWESTERN
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Project Name:
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Project Adress:
1988 Newmark Avenue, Coos Bay, OR 97420

Key Plan

Revisions to Sheet

No.	Revision	Date

Status: **BID & PERMIT DOCUMENTS**

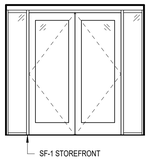
Date: **March 3, 2023**

Sheet Title
ROOM FINISH SCHEDULE

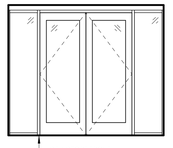
Sheet No.
A6.20

Job No.
4859-01

plotted: 3/8/2023 4:58:46 PM
sheet size: 30" x 42"



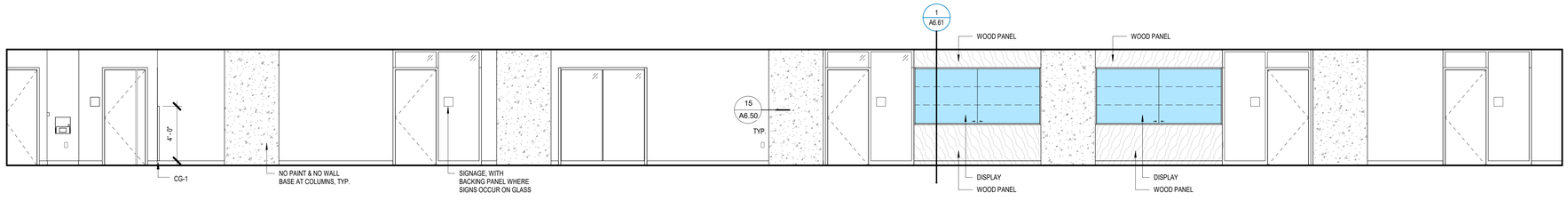
2 | 101 - HALL - SOUTH
A6.30 1/4" = 1'-0"



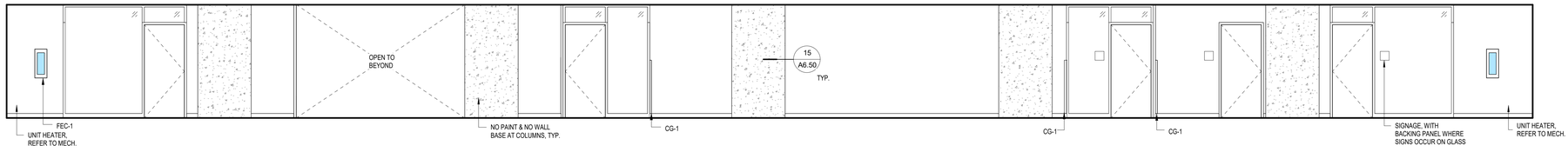
1 | 101 - HALL - NORTH
A6.30 1/4" = 1'-0"

INTERIOR ELEVATIONS SHEET NOTES

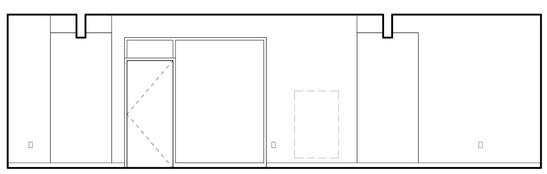
1. REFERENCE A0.00 FOR MATERIAL KEY
2. REFERENCE A6.20 FOR ROOM FINISH SCHEDULE
3. REFERENCE A6.01 FOR INTERIOR FRAME TYPES
4. CASEWORK FINISH SCHEDULED IN ROOM FINISH SCHEDULE.
5. REFERENCE REFLECTED CEILING PLAN FOR WINDOW COVERINGS
6. REFER TO A0.10 FOR TYPICAL MOUNTING HEIGHT REQUIREMENTS



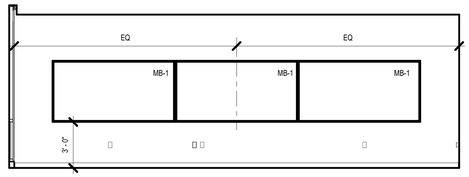
3 | 101 - HALL - WEST
A6.30 1/4" = 1'-0"



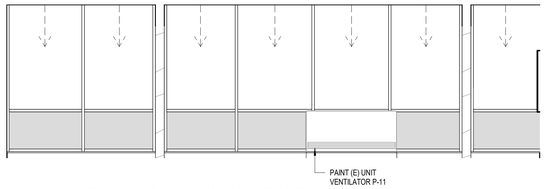
4 | 101 - HALL - EAST
A6.30 1/4" = 1'-0"



8 | 103 - FORESTRY CLASSROOM - WEST
A6.30 1/4" = 1'-0"

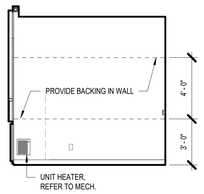


7 | 103 - FORESTRY CLASSROOM - SOUTH
A6.30 1/4" = 1'-0"

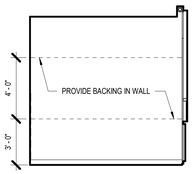


6 | 103 - FORESTRY CLASSROOM - EAST
A6.30 1/4" = 1'-0"

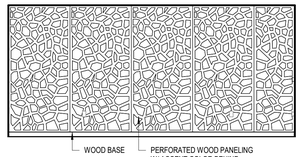
5 | 103 - FORESTRY CLASSROOM - NORTH
A6.30 1/4" = 1'-0"



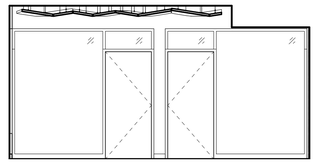
13 | 104A - STUDY A - SOUTH
A6.30 1/4" = 1'-0" STUDY ROOM 104B OPP.



12 | 104A - STUDY A - NORTH
A6.30 1/4" = 1'-0" STUDY ROOM 104B OPP.



11 | 104 - STUDENT LOUNGE - SOUTH
A6.30 1/4" = 1'-0"



10 | 104 - STUDENT LOUNGE - EAST
A6.30 1/4" = 1'-0"

9 | 104 - STUDENT LOUNGE - NORTH
A6.30 1/4" = 1'-0"

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REGISTERED ARCHITECT
ARI-3374
MARK ALAN STOLLER
PORTLAND, OREGON
STATE OF OREGON

Project Owner:
SWOCC

EST 1961
SOUTHWESTERN
AN OREGON COMMUNITY COLLEGE

Project Name:
Coaledo Hall

Project Adress:
**1988 Newmark Avenue,
Coos Bay, OR 97420**

Key Plan

Revisions to Sheet

No.	Revision	Date

Status: **BID & PERMIT DOCUMENTS**
Date: **March 3, 2023**

Sheet Title
INTERIOR ELEVATIONS

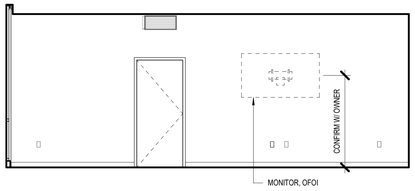
Sheet No.
A6.30

Job No.
4859-01

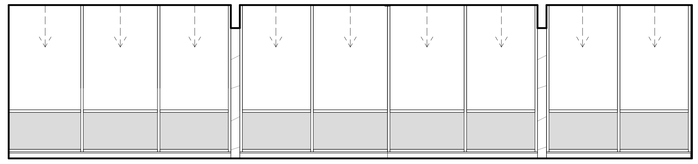
plotted: 3/8/2023 4:58:51 PM
sheet size: 30" x 42"

INTERIOR ELEVATIONS SHEET NOTES

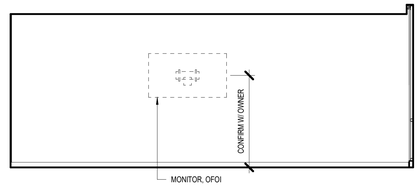
1. REFERENCE A0.00 FOR MATERIAL KEY
2. REFERENCE A6.20 FOR ROOM FINISH SCHEDULE
3. REFERENCE A6.01 FOR INTERIOR FRAME TYPES
4. CASEWORK FINISH SCHEDULED IN ROOM FINISH SCHEDULE.
5. REFERENCE REFLECTED CEILING PLAN FOR WINDOW COVERINGS.
6. REFER TO A0.10 FOR TYPICAL MOUNTING HEIGHT REQUIREMENTS



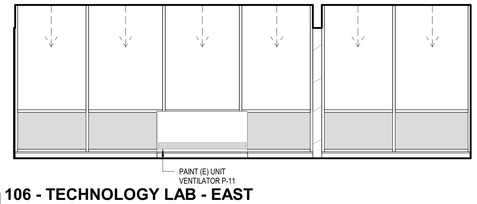
3 A6.31 | 105 - COMPUTER SCIENCE LAB - SOUTH
1/4" = 1'-0"



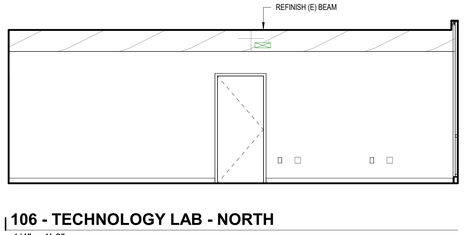
2 A6.31 | 105 - COMPUTER SCIENCE LAB - EAST
1/4" = 1'-0"



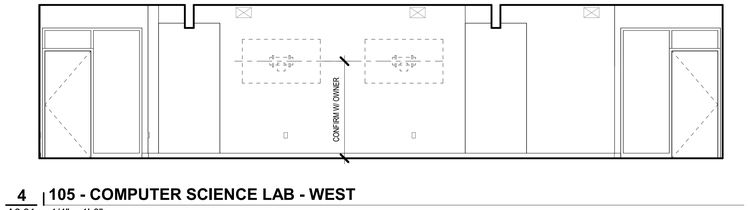
1 A6.31 | 105 - COMPUTER SCIENCE LAB - NORTH
1/4" = 1'-0"



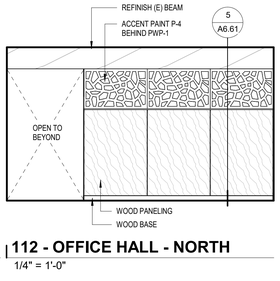
6 A6.31 | 106 - TECHNOLOGY LAB - EAST
1/4" = 1'-0"



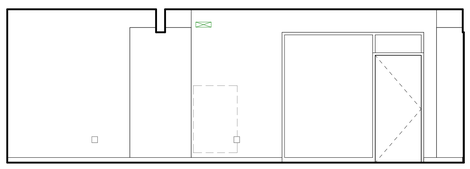
5 A6.31 | 106 - TECHNOLOGY LAB - NORTH
1/4" = 1'-0"



4 A6.31 | 105 - COMPUTER SCIENCE LAB - WEST
1/4" = 1'-0"

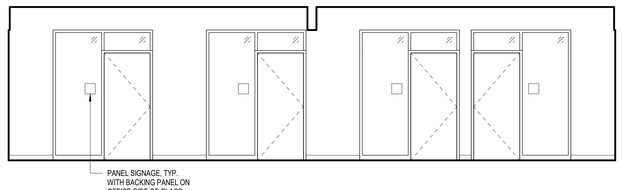


9 A6.31 | 112 - OFFICE HALL - NORTH
1/4" = 1'-0"

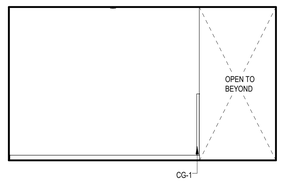


8 A6.31 | 106 - TECHNOLOGY LAB - WEST
1/4" = 1'-0"

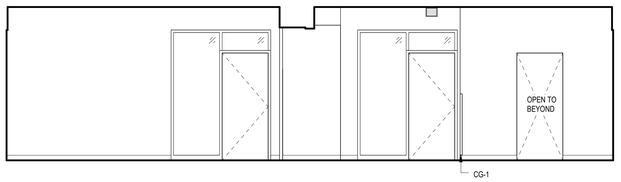
7 A6.31 | 106 - TECHNOLOGY LAB - SOUTH
1/4" = 1'-0"



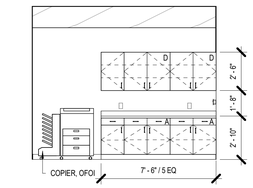
12 A6.31 | 112 - OFFICE HALL - WEST
1/4" = 1'-0"



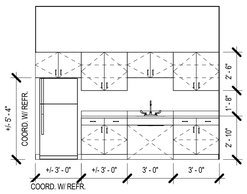
11 A6.31 | 112 - OFFICE HALL - SOUTH
1/4" = 1'-0"



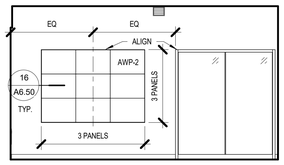
10 A6.31 | 112 - OFFICE HALL - EAST
1/4" = 1'-0"



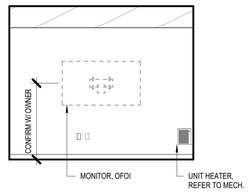
16 A6.31 | 112B - WORKROOM - SOUTH
1/4" = 1'-0"



15 A6.31 | 112B - WORKROOM - NORTH
1/4" = 1'-0"



14 A6.31 | 112A - MEETING ROOM - EAST
1/4" = 1'-0"



13 A6.31 | 112A - MEETING ROOM - NORTH
1/4" = 1'-0"

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Key Plan

Revisions to Sheet

No.	Revision	Date

Status: **BID & PERMIT DOCUMENTS**

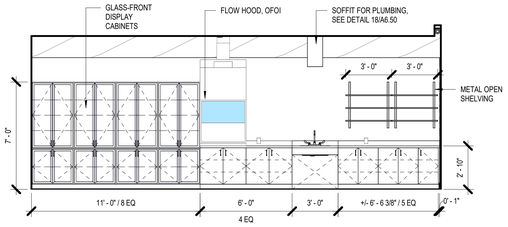
Date: **March 3, 2023**

Sheet Title
INTERIOR ELEVATIONS

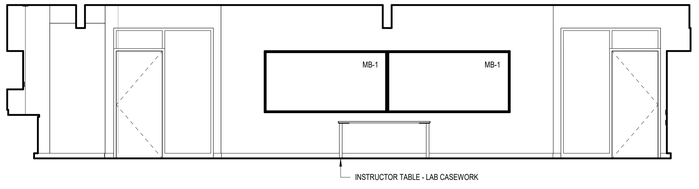
Sheet No.
A6.31

Job No.
4859-01

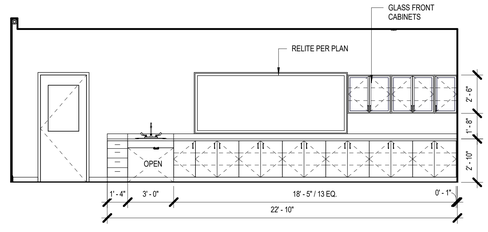
plotted: 3/8/2023 4:58:53 PM
sheet size: 30" x 42"



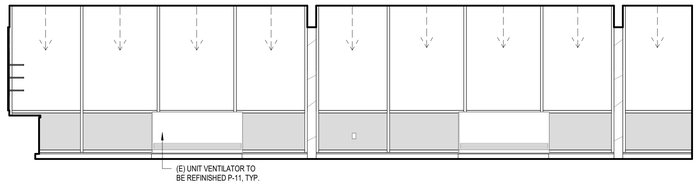
3 A6.32 | **113 - FORESTRY LAB - SOUTH**
1/4" = 1'-0"



2 A6.32 | **113 - FORESTRY LAB - EAST**
1/4" = 1'-0"



1 A6.32 | **113 - FORESTRY LAB - NORTH**
1/4" = 1'-0"



4 A6.32 | **113 - FORESTRY LAB - WEST**
1/4" = 1'-0"

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 Name:
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1988 Newmark Avenue, Coos Bay, OR 97420

Key Plan

Revisions to Sheet

No.	Revision	Date

Status: **BID & PERMIT DOCUMENTS**

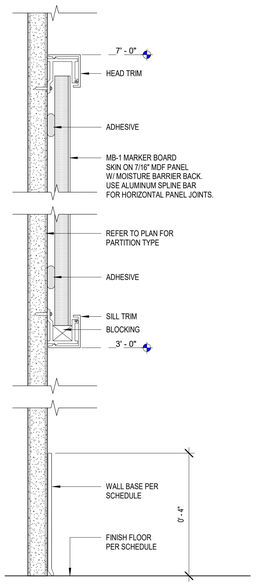
Date: **March 3, 2023**

Sheet Title
INTERIOR ELEVATIONS

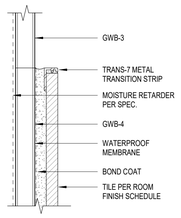
Sheet No.
A6.32

Job No.
4859-01

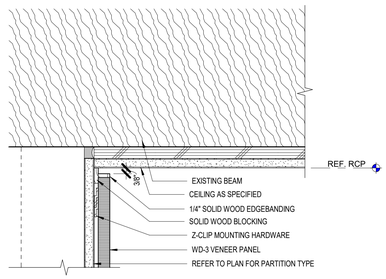
plotted: 3/8/2023 4:55:55 PM
sheet size: 30" x 42"



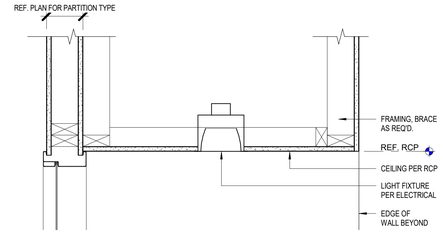
17 A6.50 | **MARKER WALL**
6" = 1'-0"



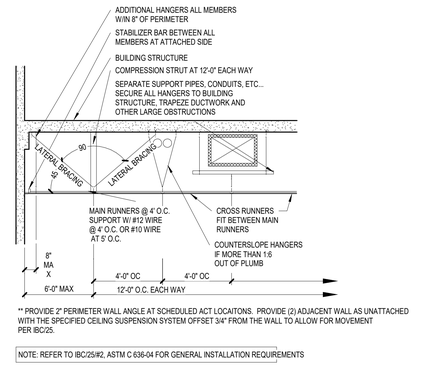
13 A6.50 | **TILE - TOP EDGE**
6" = 1'-0"



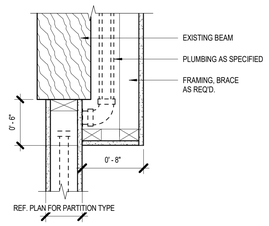
9 A6.50 | **WOOD WALL PANEL AT CEILING**
3" = 1'-0"



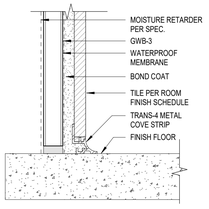
5 A6.50 | **GYP. SOFFIT**
1 1/2" = 1'-0"



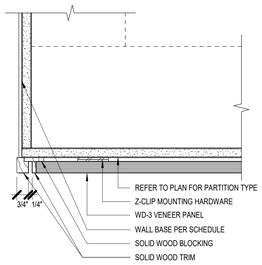
1 A6.50 | **TYP. SUSPENDED CEILING BRACING**
3" = 1'-0"



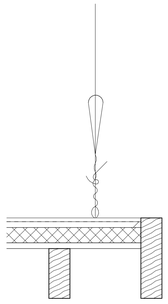
18 A6.50 | **PLUMBING SOFFIT**
1 1/2" = 1'-0"



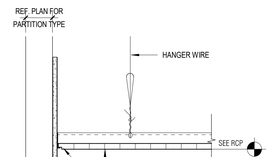
14 A6.50 | **TILE - COVE BASE**
6" = 1'-0"



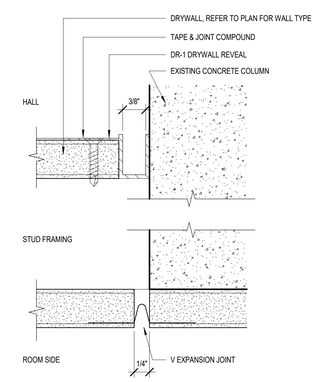
10 A6.50 | **WOOD WALL PANEL - OUTSIDE CORNER**
3" = 1'-0"



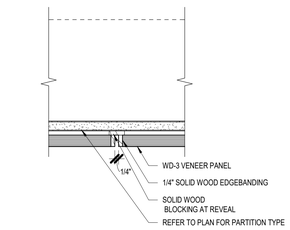
6 A6.50 | **SECTION DETAIL AT LWC-1 EDGE**
3" = 1'-0"



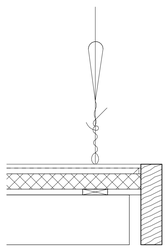
2 A6.50 | **TYP ACT CEILING EDGE**
1 1/2" = 1'-0"



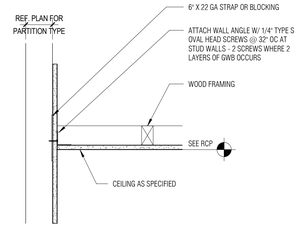
15 A6.50 | **DRYWALL REVEAL AT EXISTING COLUMN**
12" = 1'-0"



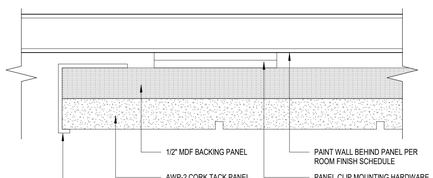
11 A6.50 | **REVEAL AT WOOD WALL PANEL**
3" = 1'-0"



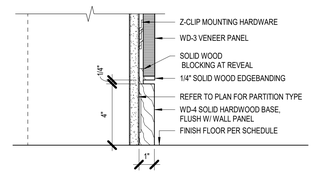
7 A6.50 | **SECTION DETAIL AT LWC-1 EDGE AT END**
3" = 1'-0"



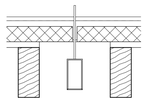
3 A6.50 | **TYP GYP CEILING EDGE**
1 1/2" = 1'-0"



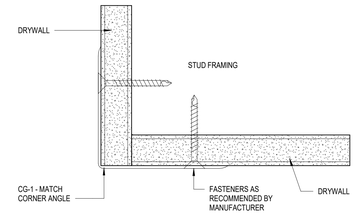
16 A6.50 | **CORK WALL PANEL**
12" = 1'-0"



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



8 A6.50 | **SECTION DETAIL AT TYP LWC-1 AND LIGHTING**
3" = 1'-0"



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

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Key Plan

Revisions to Sheet

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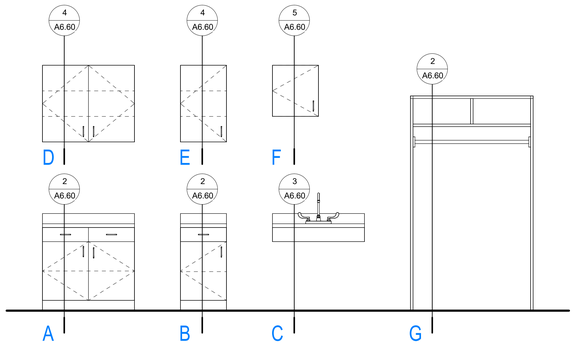
Sheet Title
INTERIOR DETAILS

Sheet No.
A6.50

Job No.
4859-01

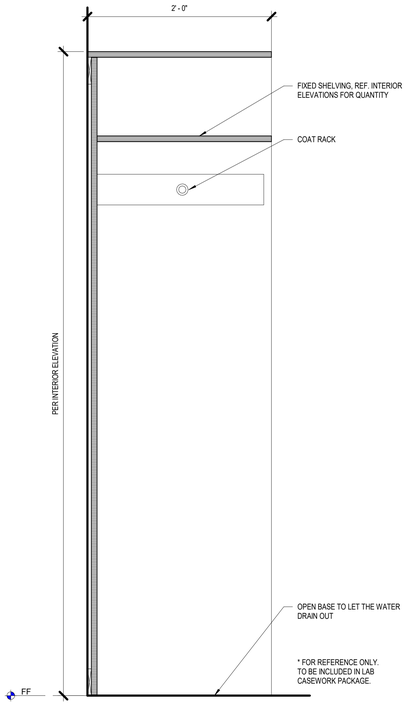
plotted: 3/8/2023 4:55:56 PM
sheet size: 30" x 42"



1 | STANDARD CASEWORK
A6.60 1/2" = 1'-0"

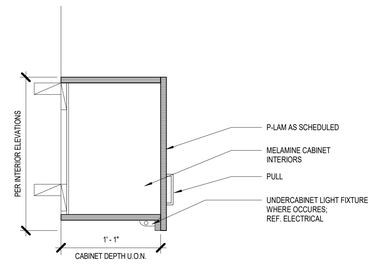
SHEET NOTES - CASEWORK

1. SEE INTERIOR ELEVATIONS AND CABINET CONFIGURATION TAGS FOR TYPICAL CABINET TYPE INFORMATION.
2. NON-TYPICAL CASEWORK IS INDICATED ON INTERIOR ELEVATIONS.
3. COORDINATE CASEWORK FINISHES AND MATERIALS WITH ROOM FINISH SCHEDULE.
4. PROVIDE BACKSPLASH AND BACKSPLASH RETURNS AT SIDE WALL, TYP.
5. PROVIDE 1" FILLER PANEL AT PERPENDICULAR SIDE WALLS, AND 2" FILLER PANELS AT INSIDE CORNERS, U.O.N.
6. COORDINATE GROMMET LOCATIONS WITH OWNER/ARCHITECT.
7. WALL FINISH TO CONTINUE BEHIND ALL CABINETS, COUNTERS, BRACKETS, SHELVING, AND ALL WALL MOUNTED ITEMS.
8. FLOORING AND BASE TO BE CONTINUOUS UNDER AND BEHIND CABINETS, COUNTERS, AND ALL FLOOR MOUNTED ITEMS.
9. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION.
10. REFER TO INTERIOR ELEVATIONS AND SPECIFICATIONS FOR CASEWORK IN FORESTRY LAB AND LAB PREP.



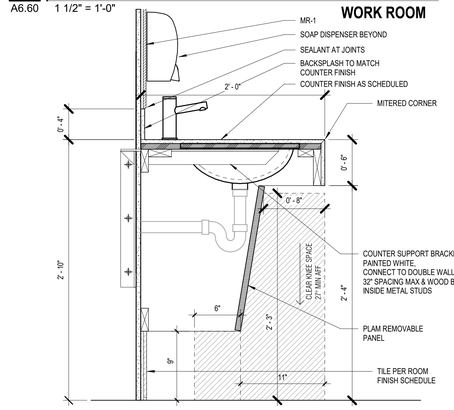
8 | CABINET SECTION - TALL WADER STORAGE
A6.60 1 1/2" = 1'-0"

FORESTRY STORAGE/ LAB PREP.



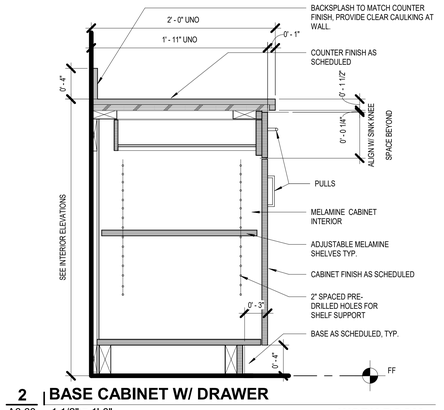
5 | CLOSED BRIDGE CABINET
A6.60 1 1/2" = 1'-0"

WORK ROOM



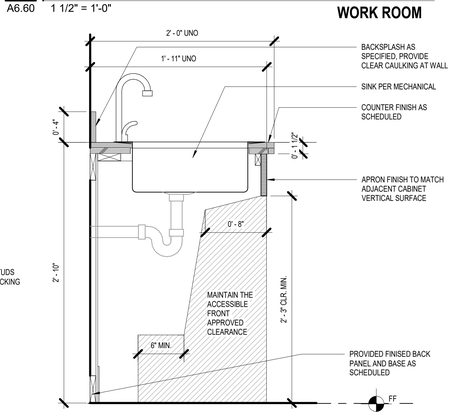
6 | VANITY W/ SINK
A6.60 1 1/2" = 1'-0"

RESTROOMS



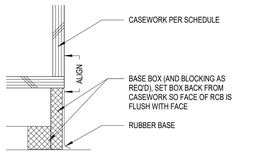
2 | BASE CABINET W/ DRAWER
A6.60 1 1/2" = 1'-0"

WORK ROOM

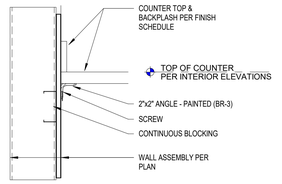


3 | ADA SINK COUNTER
A6.60 1 1/2" = 1'-0"

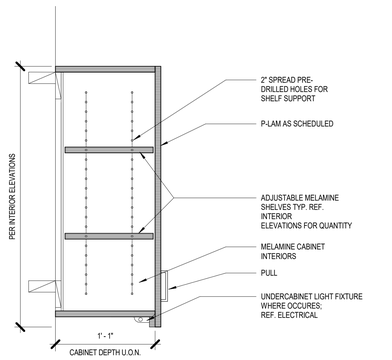
WORK ROOM



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



7 | COUNTERTOP - SECTION AT SIDEWALL
A6.60 1 1/2" = 1'-0"



4 | CLOSED UPPER CABINET
A6.60 1 1/2" = 1'-0"

WORK ROOM

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Key Plan

Revisions to Sheet

No.	Revision	Date

Status: **BID & PERMIT DOCUMENTS**

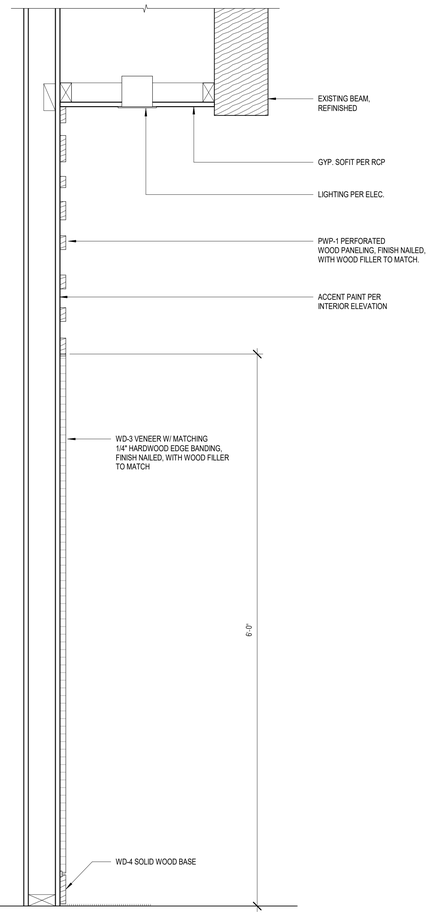
Date: **March 3, 2023**

Sheet Title
STANDARD CASEWORK DRAWINGS

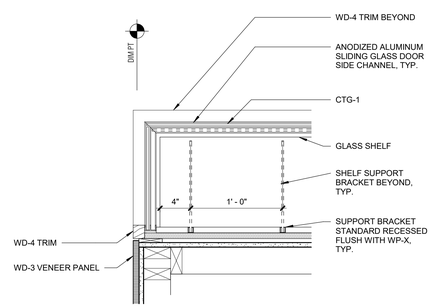
Sheet No.
A6.60

Job No.
4859-01

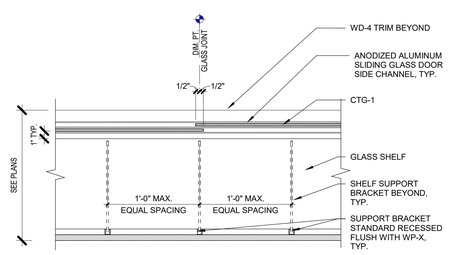
plotted: 3/8/2023 4:58:58 PM
sheet size: 30" x 42"



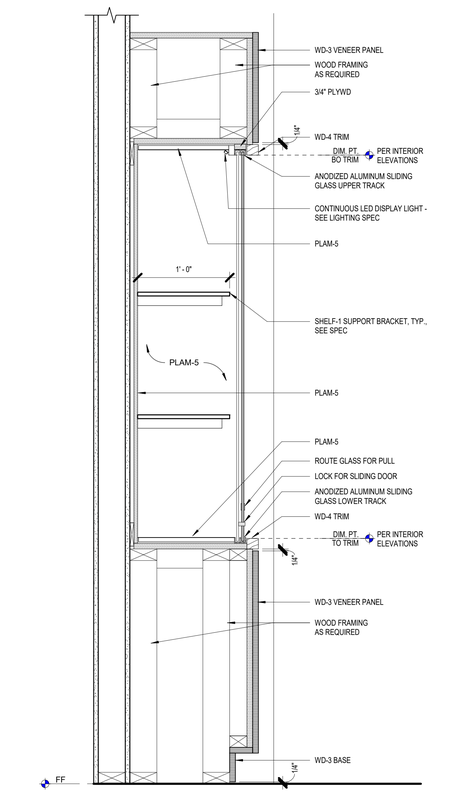
5 | **WOOD PANELING AT OFFICE**
A6.61 1 1/2" = 1'-0"



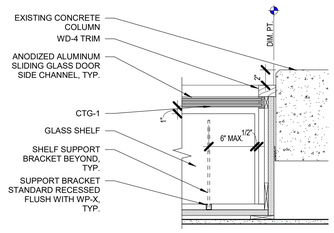
4 | **PLAN - DISPLAY CASE CORNER DETAIL**
A6.61 1 1/2" = 1'-0"



3 | **PLAN - DISPLAY CASE CENTER DETAIL**
A6.61 1 1/2" = 1'-0"



1 | **SECTION - DISPLAY CASE DETAIL**
A6.61 1 1/2" = 1'-0"



2 | **PLAN - DISPLAY CASE**
A6.61 1 1/2" = 1'-0"

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Key Plan

Revisions to Sheet

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Status: **BID & PERMIT DOCUMENTS**

Date: **March 3, 2023**

Sheet Title
CASEWORK DETAILS

Sheet No.
A6.61

Job No.
4859-01

plotted: 3/2/2023 2:06:39 PM
sheet size: 30" x 42"

MECHANICAL LEGEND

GAS SYMBOLS

SYMBOL	IDENTIFICATION
G	PIPE ABOVE GRADE; SIZES AS SHOWN ON PLANS
G	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
M	MOTORIZED DAMPER
	FIRE DAMPER
	FIRE/SMOKE DAMPER
T	THERMOSTAT
T	TEMPERATURE SENSOR

DESIGNATION SYMBOLS

SYMBOL	IDENTIFICATION
A	GRID LINE DESIGNATOR
#	SHEET KEYNOTE TAG
XX-#	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:

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.

MECHANICAL SHEET KEY

SHEET NUMBER	DESCRIPTION
M0.01	MECHANICAL - LEGEND
M0.02	MECHANICAL - SCHEDULES
M1.10	LEVEL 01 - MECHANICAL DEMOLITION
M1.20	ROOF - MECHANICAL DEMOLITION
M2.11	LEVEL 01 - HVAC - NORTH
M2.12	LEVEL 01 - HVAC - SOUTH
M2.21	ROOF - HVAC - NORTH
M2.22	ROOF - HVAC - SOUTH

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JANUARY 11, 2005
WILLIAM E. CARVIN
EXPIRES: 12/31/2023

Project Owner:
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EST 1961
SOUTHWESTERN
AN OREGON COMMUNITY COLLEGE

Project Name:
COALEDO HALL

Project Adress:
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COLEBREIT ENGINEERING
+
AXIOM ENGINEERS

Revisions to Sheet

Revision	Date

Status: **PERMIT AND BID DOCUMENTS**

Date: **03/03/2023**

Sheet Title
MECHANICAL - LEGEND

Sheet No.
M0.01

Job No.
20220498

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sheet size: 30" x 42"

SPLIT SYSTEM HEAT PUMPS

MARK	SERVING	COOL MBH		HEAT MBH	ELEC. HEAT KW	TONS	CFM	ESP	V/PH	UNIT MCA/MOCP		WT LBS	SEER	HSPF	MAKE & MODEL	NOTES
		TC	SC													
HP-1	COMPUTER SCIENCE	42	32	45	-	3.5	-	-	208/1	25.0	31	220	16.4	10.0	TRANE TRUZA0421KA70BA	1,2,3,4,5
FC-1						3.5	1400	0.5	-	-	-	100	-	-	TRANE TPEADA0421AA70A	

NOTES:
1. MAY PROVIDE EQUIVALENT EQUIPMENT FROM CARRIER, DAIKIN, LG.
2. SIZE AND INSTALL REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS.
3. PROVIDE PROGRAMMABLE THERMOSTAT & DRAIN PAN WITH CONDENSATE PUMP.
4. PROVIDE SEACOAST PROTECTION OPTION FOR OUTDOOR UNIT. PROVIDE EQUIPMENT MOUNTING SUPPORTS FOR OUTDOOR UNIT. THYBAR TEMS OR EQUIVALENT.
5. INDOOR UNIT IS POWERED BY OUTDOOR UNIT.

UNIT VENTILATORS

MARK	SERVING	CFM		HEAT KW	V/PH	UNIT MCA/MOCP		WT LBS	MAKE & MODEL	NOTES
		TOT	OSA							
(E)UV-1	FORESTRY LAB	750	200	11.7	460/3	18.9	20	320	TRANE VUVE075	1,2,3,4,5
(E)UV-2	FORESTRY LAB	750	200	11.7	460/3	18.9	20	320	TRANE VUVE075	1,2,3,4,5
(E)UV-3	FORESTRY STORAGE	750	90	11.7	460/3	18.9	20	320	TRANE VUVE075	1,2,3,4,5
(E)UV-4	CLASSROOM	750	375	11.7	460/3	18.9	20	320	TRANE VUVE075	1,2,3,4,5
(E)UV-5	NETWORK LAB	750	210	11.7	460/3	18.9	20	320	TRANE VUVE075	1,2,3,4,5

NOTES:
1. INSPECT EQUIPMENT AND TEST FUNCTIONALITY PRIOR TO PUTTING BACK INTO OPERATION. NOTIFY ENGINEER WITH ANY CONCERNS.
2. PROVIDE NEW MERV-8 FILTER AND PROGRAMMABLE THERMOSTAT.
3. PROVIDE NEW OUTSIDE AIR LOUVER. COORDINATE LOUVER REQUIREMENTS WITH AOR.
4. PROVIDE NEW POWDER COAT FINISH. COORDINATE COLOR WITH ARCHITECT.
5. BALANCE OUTSIDE AIR TO SCHEDULED AIRFLOW.

EXHAUST FANS

MARK	SERVING	CFM	ESP	SONES	MOTOR			FAN RPM	WT LBS	MAKE & MODEL	NOTES
					V/PH	AMPS	HP				
EF-1	BATHROOMS	550	0.25	6.5	115/1	-	1/6	1300	25	GREENHECK G-095-VG-1/6	1
EF-2	IT 115	120	0.15	3.2	115/1	-	1/15	1450	25	GREENHECK G-060-VG-1/15	2

NOTES:
1. PROVIDE WITH VARI-GREEN MOTOR, BACKDRAFT DAMPER, STANDARD ROOF CURB, SWITCH WITH CORRIDOR LIGHTS.
2. PROVIDE WITH VARI-GREEN MOTOR, BACKDRAFT DAMPER, STANDARD ROOF CURB, COOLING THERMOSTAT.

SUPPLY FANS

MARK	SERVING	CFM	ESP	SONES	MOTOR			FAN RPM	WT LBS	MAKE & MODEL	NOTES
					V/PH	AMPS	HP				
SF-1	SEE PLANS	300	0.35	10.2	115/1	-	1/8	1750	50	GREENHECK AS-10-420-A	1

NOTES:
1. PROVIDE WITHBACKDRAFT DAMPER, STANDARD ROOF CURB, SWITCH WITH CORRIDOR LIGHTS.

INLINE DUCT HEATERS

MARK	SERVING	INLET SIZE	ELECTRIC REHEAT			V/PH	MAKE & MODEL	NOTES
			CFM	KW	STAGES			
IDH-1	SF-1	10X10	300	4.0	1	208/1	GREENHECK IDHE	1, 2

NOTES:
1. PROVIDE IN DUCT THERMOSTAT SET TO 72F.
2. PROVIDE WITH SCR CONTROLLER, AIRFLOW SWITCH, DISCONNECT.

ELECTRIC HEATERS

MARK	SERVING	KW	AMPS	V/PH	WT LBS	MAKE & MODEL	NOTES
EH-1	SEE PLANS	1.8	15.0	120/1	10	QMARK CWH1201DSF	1
EH-2	SEE PLANS	1.0	8.4	120/1	10	QMARK CWH1101DSF	1
EH-3	BATHROOMS	1.5	12.5	120/1	20	QMARK EFF1500	1

NOTES:
1. PROVIDE WITH BUILT-IN THERMOSTAT.

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 350RL	LOUVERED FACE RETURN, WITH OBD, MATCH FRAME TO CEILING TYPE, 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 300RL	DOUBLE DEFLECTION LOUVERED FACE SUPPLY WITH OBD, SIZE AS INDICATED
SD-3	SUPPLY	TITUS FL-10	LINEAR DIFFUSER, HIGH-THROW PATTERN CONTROLLER WITH TITUS PLENUM, 1-SLOT, 1" SLOT, 8" INLET, 4 FOOT LENGTH, MATCH FRAME TO CEILING TYPE

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

VENTILATION REQUIREMENTS

TAG	SERVING	PEOPLE	@	CFM/PERSON	+	AREA	@	CFM/SQ.FT.	/	Ez	=	CFM OSA
(E)UV-1,2	FORESTRY LAB	25	@	10	+	1250	@	.12	/	1.0	=	400
(E)UV-3	FORESTRY STORAGE	0	@	0	+	730	@	.12	/	1.0	=	88
(E)UV-4	CLASSROOM	25	@	10	+	1030	@	.12	/	1.0	=	374
(E)UV-5	NETWORK LAB	10	@	10	+	880	@	.12	/	1.0	=	206
FC-1	COMPUTER SCIENCE	22	@	10	+	1270	@	.12	/	1.0	=	373
SF-1	HALL, LOUNGE, MTG ROOM	10	@	5	+	2300	@	.06	/	0.8	=	235

NATURAL VENTILATION

STUDY ROOMS	100 SF X 4% = 4 SF OPENABLE AREA REQUIRED. OPENABLE AREA REQUIREMENT WILL BE MET.
OFFICES	110 SF X 4% = 4.4 SF OPENABLE AREA REQUIRED. OPENABLE AREA REQUIREMENT WILL BE MET.

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DEC. 11, 2009
WILLIAM E. CARON
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Project Name:
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COLEBREIT ENGINEERING
+
AXIOM ENGINEERS

Revisions to Sheet

Revision	Date

Status: **PERMIT AND BID DOCUMENTS**

Date: **03/03/2023**

Sheet Title
MECHANICAL - SCHEDULES

Sheet No.
M0.02

Job No.
20220498

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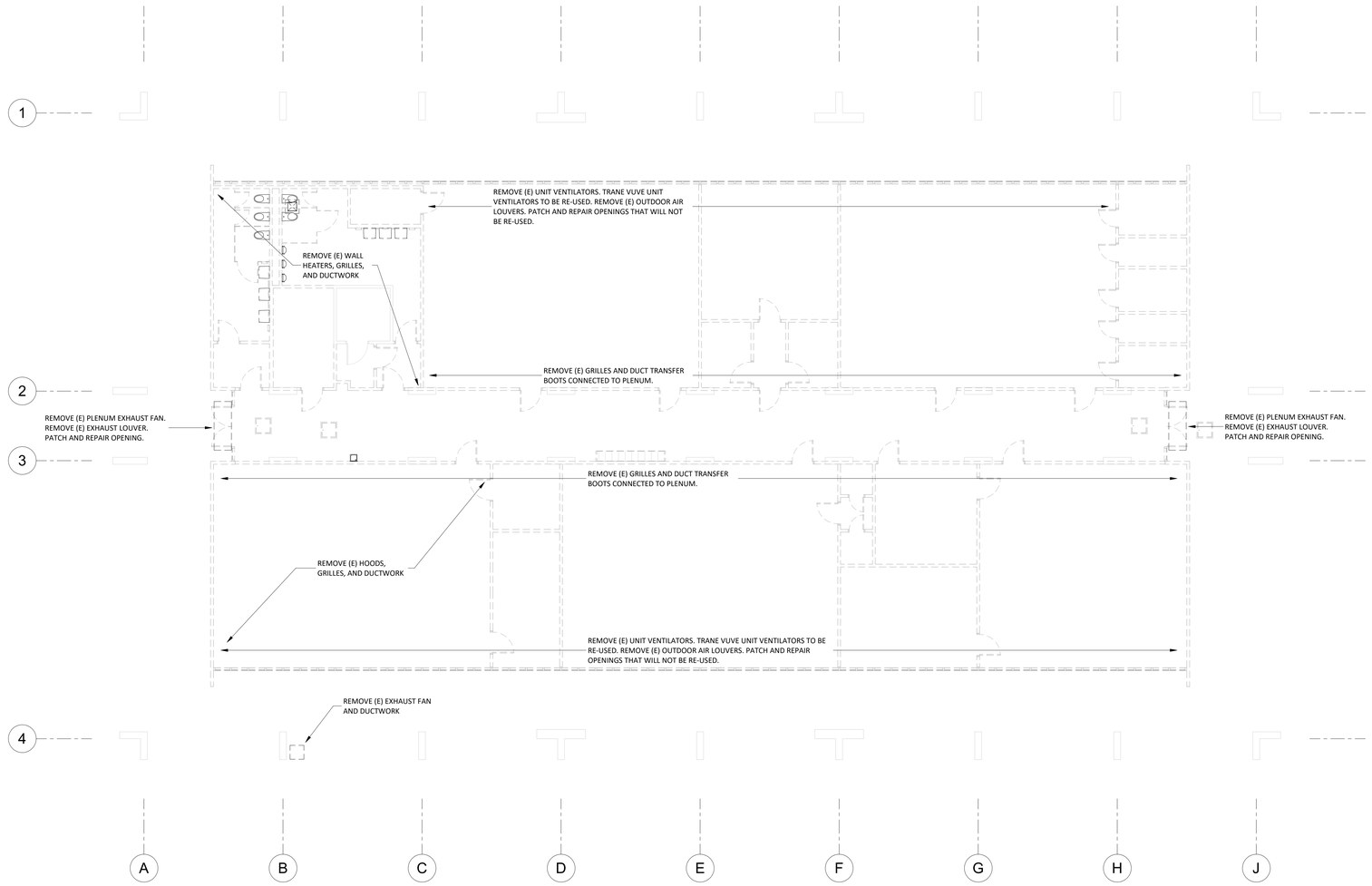

1 M1.10 LEVEL 01 - MECHANICAL DEMOLITION
1/8" = 1'-0"

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Revisions to Sheet

Revision	Date

Status: **PERMIT AND BID DOCUMENTS**

Date: **03/03/2023**

Sheet Title
LEVEL 01 - MECHANICAL DEMOLITION

Sheet No.
M1.10

Job No.
20220498

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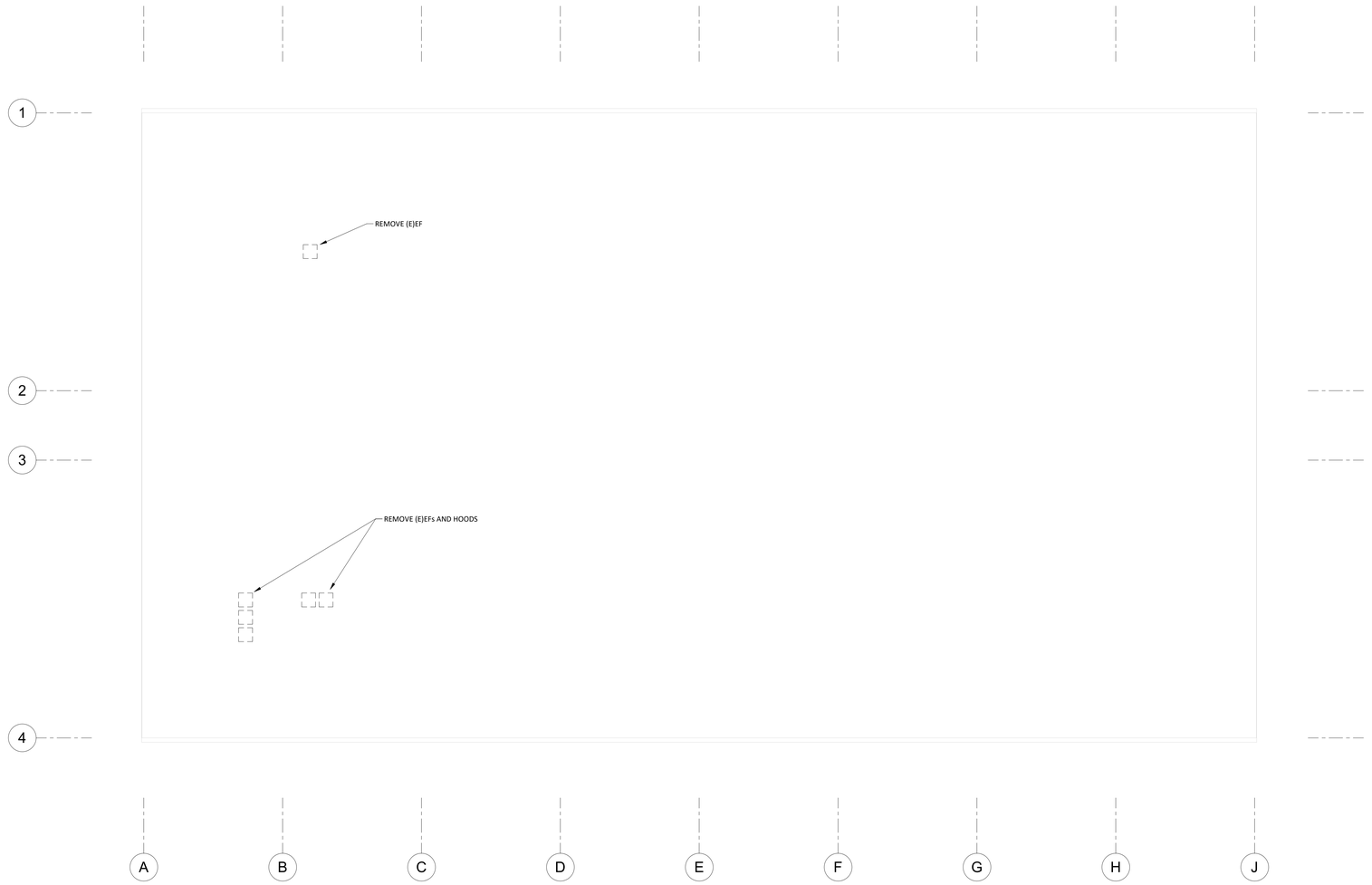

1 M1.20 ROOF - MECHANICAL - DEMOLITION
1/8" = 1'-0"

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COLEBREIT ENGINEERING
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AXIOM ENGINEERS

Revisions to Sheet

Revision	Date

Status: **PERMIT AND BID DOCUMENTS**

Date: **03/03/2023**

Sheet Title
ROOF - MECHANICAL DEMOLITION

Sheet No.
M1.20

Job No.
20220498

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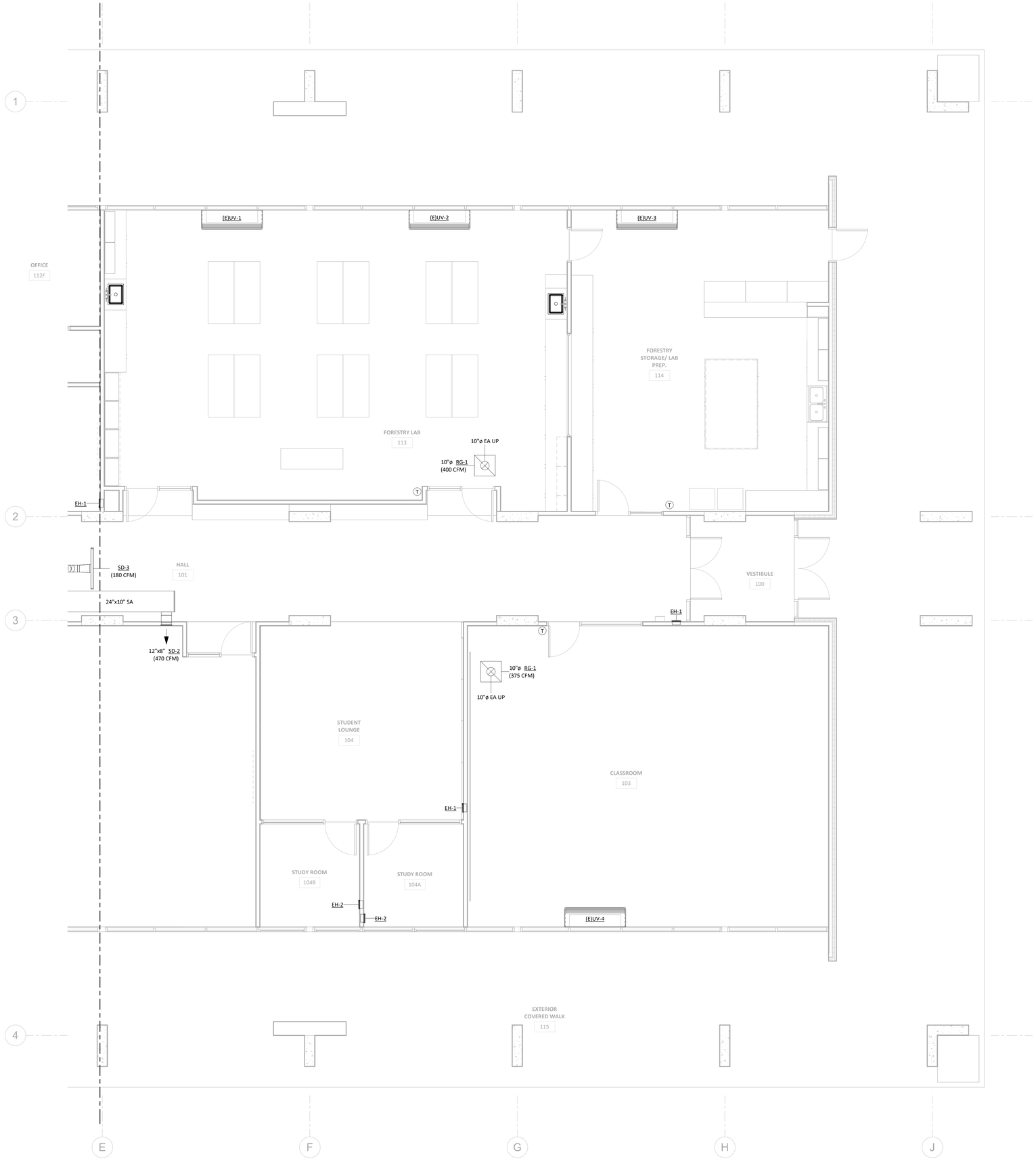

1 M2.11 LEVEL 01 - HVAC - NORTH
1/4" = 1'-0"

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COLEBREIT ENGINEERING
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AXIOM ENGINEERS

Revisions to Sheet

Revision	Date

Status: **PERMIT AND BID DOCUMENTS**

Date: **03/03/2023**

Sheet Title
LEVEL 01 - HVAC - NORTH

Sheet No.
M2.11

Job No.
20220498

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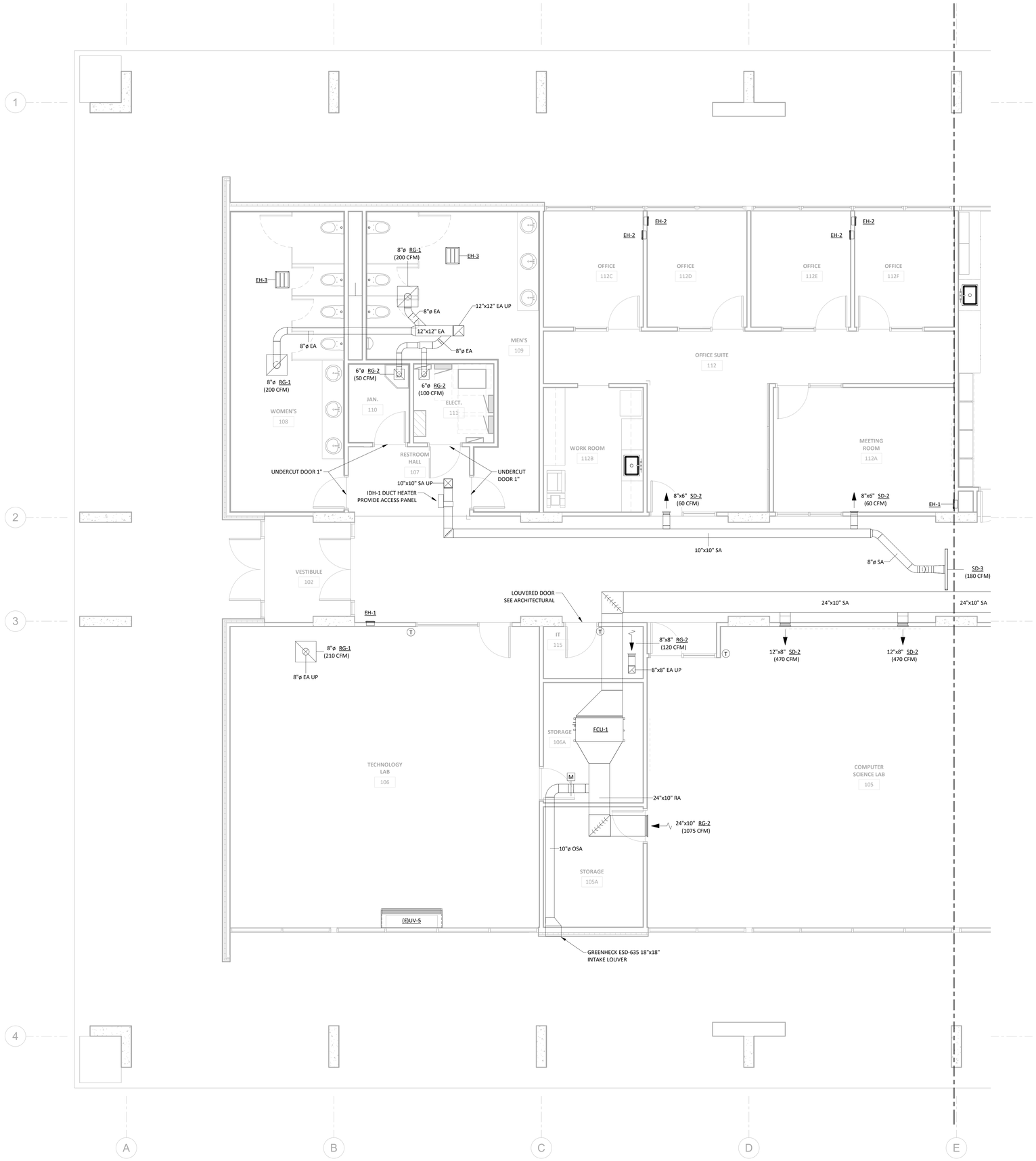

1 M2.12 LEVEL 01 - HVAC - SOUTH
1/4" = 1'-0"

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COLEBREIT ENGINEERING
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AXIOM ENGINEERS

Revisions to Sheet

Revision	Date

Status: **PERMIT AND BID DOCUMENTS**

Date: **03/03/2023**

Sheet Title
LEVEL 01 - HVAC - SOUTH

Sheet No.
M2.12

Job No.
20220498

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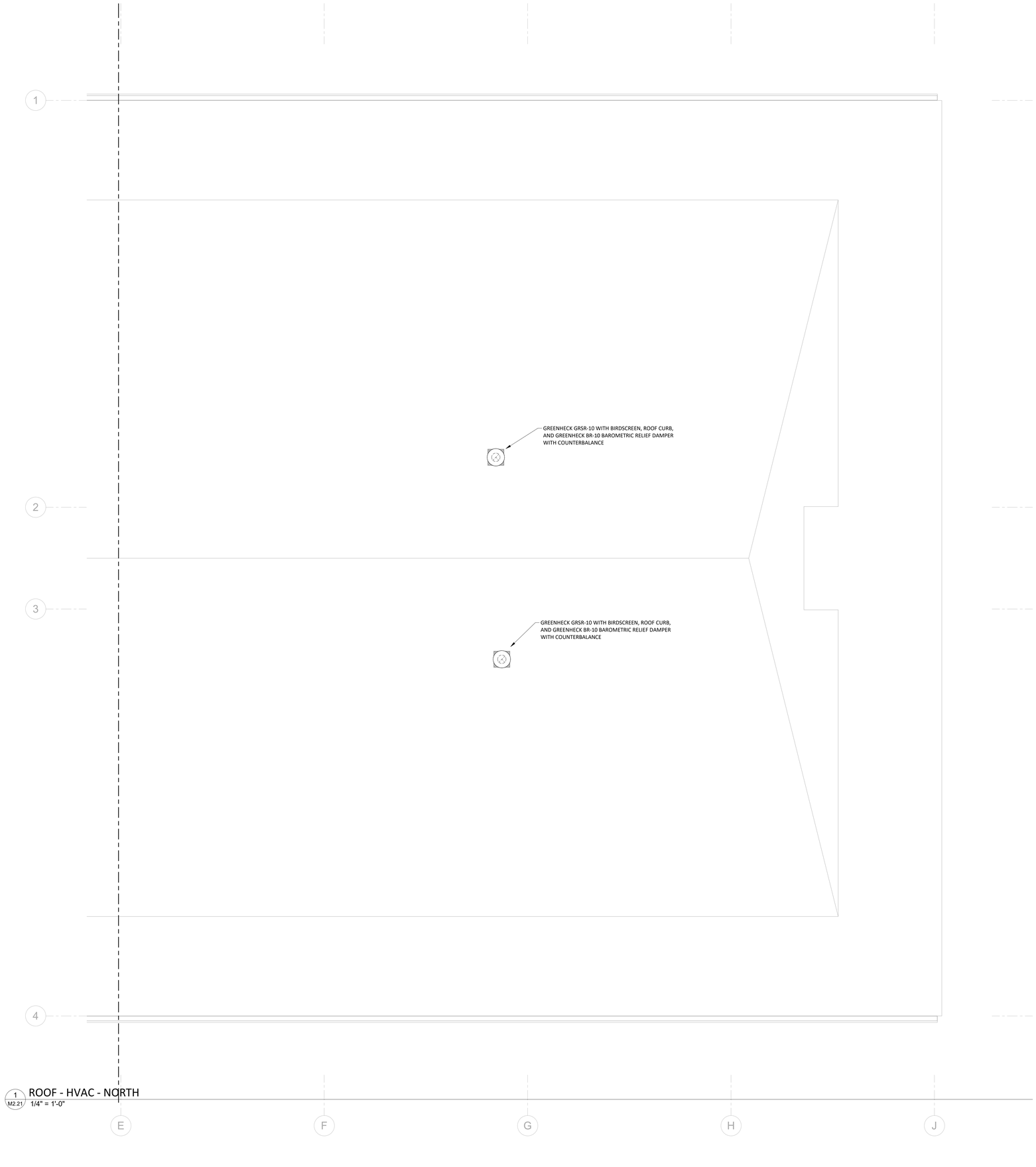

1 M2.21 ROOF - HVAC - NORTH
1/4" = 1'-0"

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Project Name:
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Project Adress:
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COLEBREIT ENGINEERING
+
AXIOM ENGINEERS

Revisions to Sheet

Revision	Date

Status: **PERMIT AND BID DOCUMENTS**

Date: **03/03/2023**

Sheet Title
ROOF - HVAC - NORTH

Sheet No.
M2.21

Job No.
20220498

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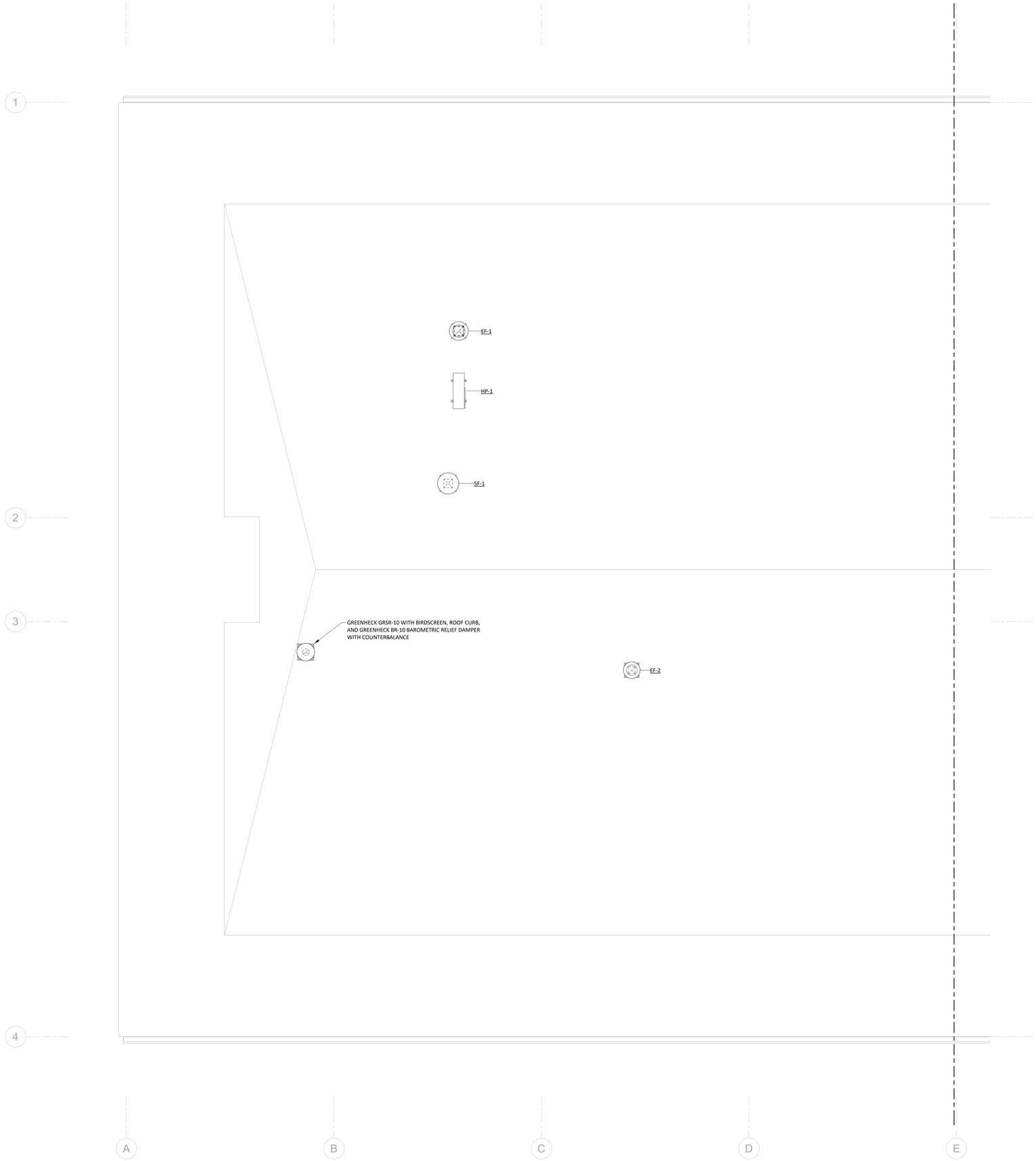
sheet size: 30" x 42"



1 M2.22 ROOF - HVAC - SOUTH
1/4" = 1'-0"

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COLEBREIT ENGINEERING
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AXIOM ENGINEERS

Revisions to Sheet

Revision	Date

Status: **PERMIT AND BID DOCUMENTS**

Date: **03/03/2023**

Sheet Title
ROOF - HVAC - SOUTH

Sheet No.
M2.22

Job No.
20220498

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sheet size: 30" x 42"

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
P	PRESSURE GAUGE
T	TEMPERATURE GAUGE
AD	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 ADMINISTRAION
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

FIXTURE SYMBOLS

SYMBOL	IDENTIFICATION
	HOSE BIBB
	PUMP
	CIRCULATION PUMP
	FLOOR DRAIN
	FLOOR SINK

DESIGNATION SYMBOLS

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

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.

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

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REGISTERED PROFESSIONAL ENGINEER
91918PE
OREGON
MAR 13, 2018
MICHAEL LEAVITT
EXPIRES 12/31/2024

Project Owner:
SWOCC

EST 1961
SOUTHWESTERN
AN OREGON COMMUNITY COLLEGE

Project Name:
COALEDO HALL

Project Adress:
1988 NEWMARK AVE.
COOS BAY, OR 97420

COLEBREIT ENGINEERING
+
AXIOM ENGINEERS

Revisions to Sheet

Revision	Date

Status: **PERMIT AND BID DOCUMENTS**
Date: **03/03/2023**

Sheet Title
PLUMBING - LEGEND

Sheet No.
P0.01

Job No.
20220498

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sheet size: 30" x 42"

PLUMBING FIXTURE CONNECTIONS

MARK	FIXTURE DESCRIPTION	FIXURE MANUFACTURER	MODEL NUMBER	CONNECTION SIZE W	CW	HW	NOTES
CP-1	CIRCULATION PUMP	BELL & GOSSETT	60B0B1001	-	-	3/4"	115V, 70W, VARIABLE SPEED STAINLESS STEEL DOMESTIC HOT WATER CIRCULATION PUMP. INCLUDE AQUASTAT AND TIMER.
DF-1	BI-LEVEL ADA DRINKING FOUNTAIN	ELKAY	LMABFDWSSK	1-1/4"	1/2"	-	BARRIER FREE, WALL MOUNTED DRINKING FOUNTAIN WITH SENSOR OPERATED BOTTLE FILLER. COORDINATE ELECTRICAL RECEPTACLE PLACEMENT WITH ELECTRICAL CONTRACTOR. INSTALL PER MANUFACTURERS RECOMMENDATIONS. CONFIRM FINISH REQUIREMENTS WITH OWNER/ARCHITEC
ET-1	EXPANSION TANK	AMTROL	ST-12	-	3/4"	-	4.4 GALLON EXPANSION TANK. INSTALL PER MANUFACTURERS RECOMMENDATIONS
EW-1	DECK MOUNT EYE WASH	BRADLY	S19274HDB	-	-	1/2"	BARRIER-FREE DECK MOUNT, SWING DOWN EYE WASH. INCLUDE GAVIGATOR EFX8 EMERGENCY THERMOSTATIC MIXING VALVE
FD-1	FLOOR DRAIN	J.R. SMITH	2005	3"	-	-	FLOOR DRAIN WITH 6" ROUND ADJUSTABLE STRAINER HEAD. INCLUDE: TRAP, TRAP PRIMER CONNECTION, AND STRAINER. CONFIRM FINISH WITH OWNER/ARCHITECT.
KV-1	FLOW SPLITTER	KEMPER	6510602500	-	-	-	1" BODY WITH 3/4" LOOP CONNECTIONS, INCLUDE SHUTOFF VALVES, AND ACCESS PANNEL AS REQUIRED FOR ACCESSIBILITY, INSTALL PER MANUFACTURERS RECOMMENDATIONS.
LV-1	UNDER MOUNT LAVATORY	SLOAN	SS-3001	1-1/4"	1/2"	1/2"	ADA COMPLIANT VITORIUS 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.
MS-1	MOP SINK	ACORN	TNC-24-TF2	2"	1/2"	1/2"	MARBLE CHIP CAST PORTLAND CEMENT 24" CORNER MOP SINK WITH EXPOSED SURFACE MOUNT FAUCET SUPPLIES. INCLUDE: TRAP DRAIN, SUPPLIES AND ACORN FAUCET OPTION -KFC
MV-1	MASTER MIXING VALVE	ACORN	MV17-2	-	3/4"	3/4"	MASTER MIXING VALVE, INSTALL PER MANUFACTURERS RECOMMENDATIONS.
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.
RB-1	REFRIGERATOR WATER BOX	SIOUX CHIEF	696-G1000BF	-	1/2"	-	REFRIGERATOR WATER SUPPLY BOX AND SOV. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
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	LAB PREP FAUCET	ELKAY	LK543AF12LC	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.
S-3	(ADA) DROP IN BREAK ROOM 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 LKGT1042 FAUCET AND TRUEBRO LAV GUARD 2E-Z ADA WRAP WHERE REQUIRED BY ARCHITECT.
TP-1	ELECTRONIT TRAP PRIMER	J.R. SMITH	273 SERIES	-	1/2"	-	120V, ELECTRONIC TRAP PRIMER, INCLUDE: ACCESS PANEL AND DISTRIBUTION UNIT AS REQUIRED.
WC-1	WALL HUNG FLUSH VALVE WATER CLOSET	SLOAN	ST-2459	3"	1-1/2"	-	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-1955SSCT ELONGATED OPEN FRONT SEAT, J.R. SMITH 0210/0220 HORIZONTAL CARRIER AS REQUIRED, AND SLOAN ECOS 111-1.6/1.1-HW FLUSH VALVE.
WC-2	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-1955SSCT ELONGATED OPEN FRONT SEAT, J.R. SMITH 0240Y-MSO CARRIER WITH VERTICAL OUTLET AND SIDE INLET, AND SLOAN ECOS 111-1.6/1.1-HW FLUSH VALVE.
WH-1	ELECTRIC WATER HEATER	BRADFORD WHITE	CEHD50(A)27 3*CF	-	1-1/2"	1-1/2"	50 GALLON ELECTRIC WATER HEATER, 112 GPH @ 100F RISE, 240V, FLA 57.8 AMPS, 3PHASE

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	7	5	0	0	35
-	URINAL, 1.0 GPF FLUSHOMETER VALVE	PUBLIC	1	4	0	0	4
-	LAVATORY	PUBLIC	6	1	0.75	4.5	6
-	SINK, WASHUP, EACH SET OF FAUCETS	PUBLIC	4	2	1.5	6	8
-	SINK, SERVICE OR MOP BASIN	PUBLIC	1	3	2.25	2.25	3
-	HOSE BIBB	PUBLIC	1	2.5	0	0	2.5
-	DRINKING FOUNTAIN OR WATER COOLER	PUBLIC	0	0.5	0	0	0
					BUILDING TOTAL WSFU:	12.75	58.5
					SYSTEM TYPE:	Flush Valves	
					TOTAL WSFU FLOW:	9.8 GPM	54.6 GPM

CONTINUOUS SUPPLY DEMAND	QTY	GPM	TOTAL
EYEWASH	1	5.1	5.1 GPM
NONE	0	0	0.0 GPM
TOTAL FLOW [GPM]			**59.7 GPM**

FLOW AND PRESSURE CALCULATIONS	
DESIGN FLOW RATE	59.7 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	210.0 FT
TOTAL EQUIVALENT PIPE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICALLY REMOTE FIXTURE	280.0 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	70.0 PSIG
PRV ALLOWABLE FALLOFF PRESSURE LOSS	10.0 PSIG
DESIGN SERVICE PRESSURE AT BUILDING	60.0 PSIG
E) STATIC (GRAVITY) HEAD REQUIRED FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICALLY REMOTE FIXTURE **0.0 FT**	0.0 PSIG
F) HOT WATER MIXING VALVE PRESSURE DROP (IF MOST HYDRAULICALLY REMOTE FIXTURE HAS HOT WATER CONNECTION)	8.0 PSIG
TOTAL PRESSURE LOSS (E+F)	8.0 PSIG
REQUIRED RESIDUAL PRESSURE AT FURTHEST UNIT/FIXTURE	30.0 PSIG
AVAILABLE PRESSURE FOR PIPING	22.0 PSIG
SERVICE MAIN NOMINAL PIPE SIZE	2" IN
MAIN WATER SUPPLY LINE ALLOWABLE FRICTION LOSS	
AVAILABLE PIPING FRICTION LOSS	8 PSIG/100FT
AVAILABLE PIPING FRICTION LOSS	18.3 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
3. OUT ABOVE.
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	7	3"	4	28
-	URINAL, INTEGRAL TRAP 1.0 GPF	PUBLIC	1	2"	2	2
-	LAVATORY, SINGLE	PUBLIC	6	1-1/4"	1	6
-	SINK SPECIAL PURPOSE	PUBLIC	4	1-1/2"	3	12
-	SINK SERVICE OR MOP BASIN	PUBLIC	1	2"	3	3
-	FLOOR DRAIN	PUBLIC	1	2"	2	2
-	FLOOR DRAIN, EMERGENCY	PUBLIC	3	2"	0	0
			SITE WASTE TOTAL			**53**

NOTES:
1.

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Revisions to Sheet

Revision	Date

Status: **PERMIT AND BID DOCUMENTS**

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Sheet Title
PLUMBING - SCHEDULES & CALCULATIONS

Sheet No.
P0.02

Job No.
20220498

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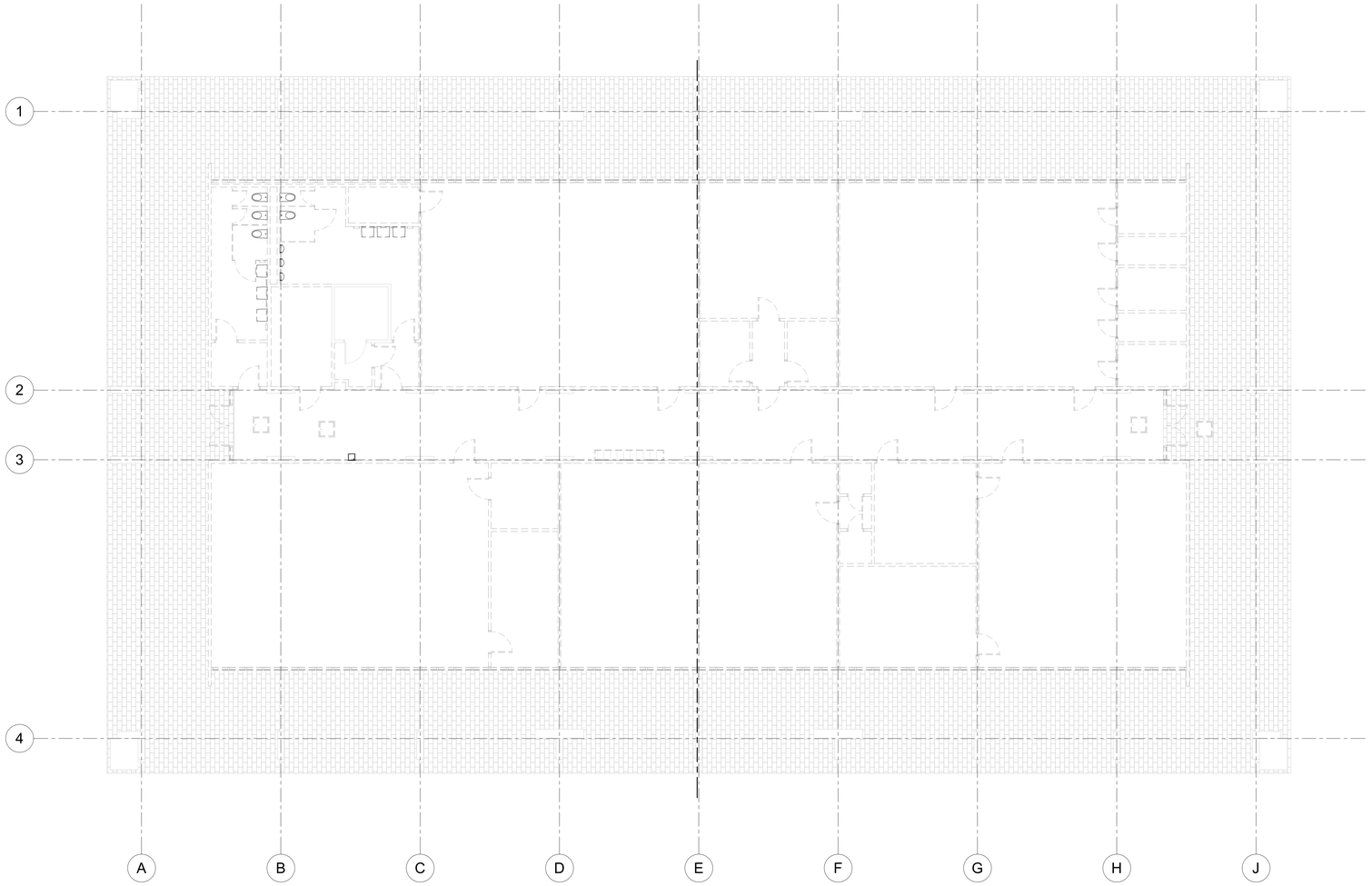
PLUMBING DEMOLITION NOTES:

ALL EXISTING PLUMBING FIXTURES WILL BE REMOVED. FIXTURES THAT ARE BEING REPLACED WILL REUSE EXISTING WASTE CONNECTIONS, 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. ALL WATER LINES WILL BE REMOVED BACK TO THE BUILDING BACKFLOW PREVENTER. ALL EXISTING LABORATORY GAS SHALL BE REMOVED.



1 / P1.10 LEVEL 01 - PLUMBING DEMOLITION
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 - PLUMBING DEMOLITION

Sheet No.
P1.10

Job No.
20220498

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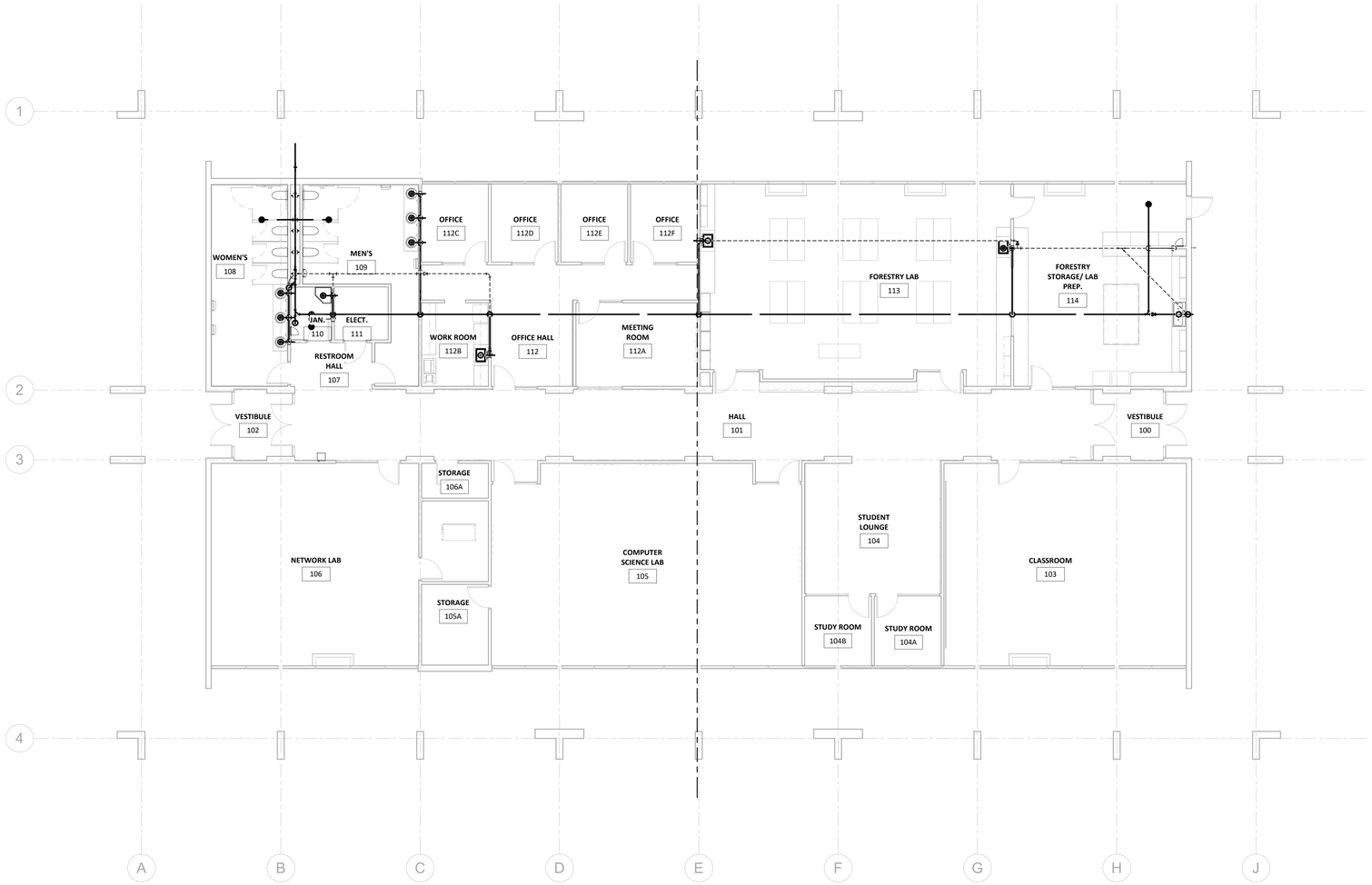

1 P2.10 LEVEL 01 - WASTE - OVERALL
1/8" = 1'-0"

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Revisions to Sheet

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Date: **03/03/2023**

Sheet Title
LEVEL 01 - WASTE - OVERALL

Sheet No.
P2.10

Job No.
20220498

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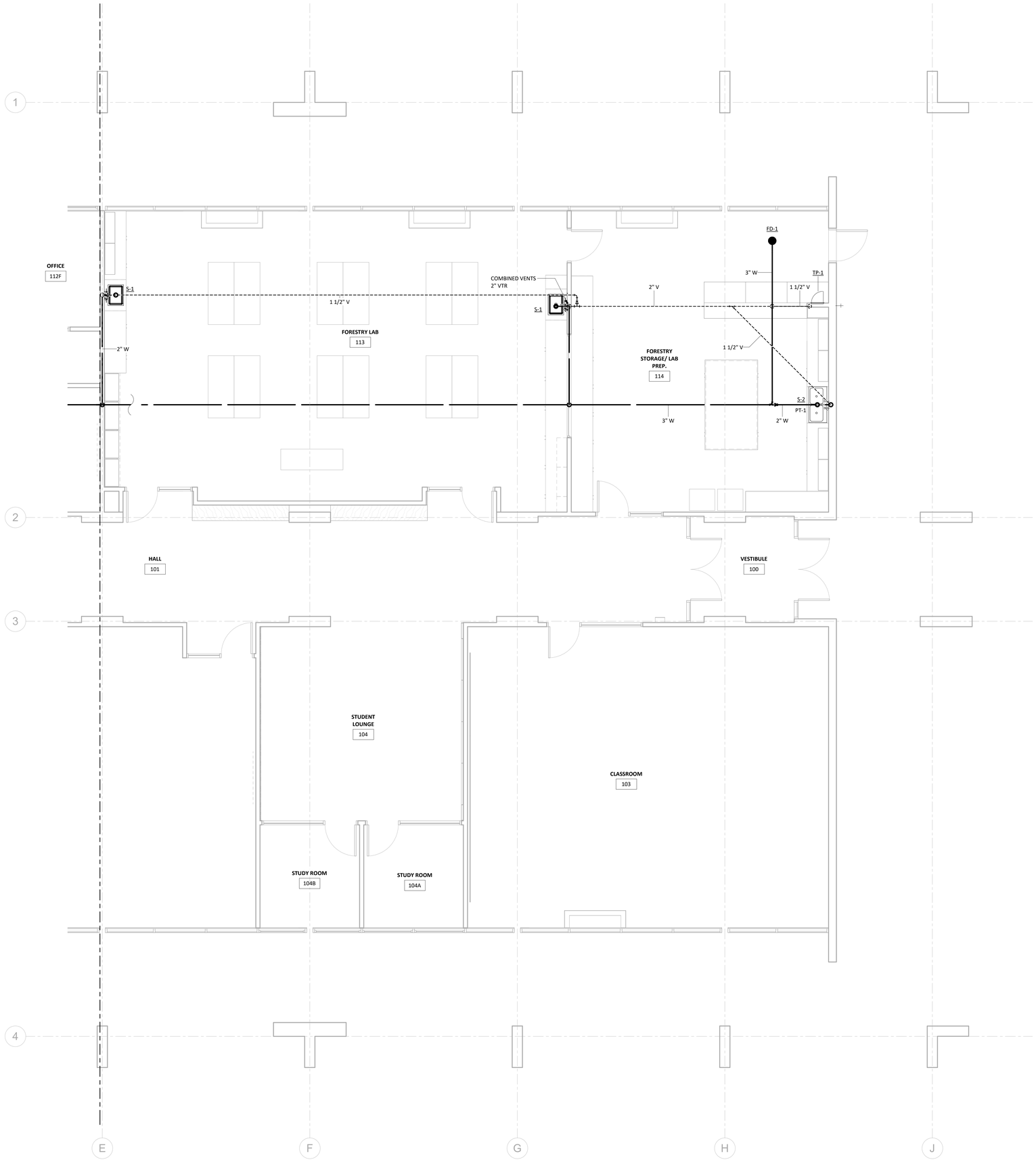

1 P2.11 LEVEL 01 - WASTE - NORTH
1/4" = 1'-0"

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Sheet Title
LEVEL 01 - WASTE - NORTH

Sheet No.
P2.11

Job No.
20220498

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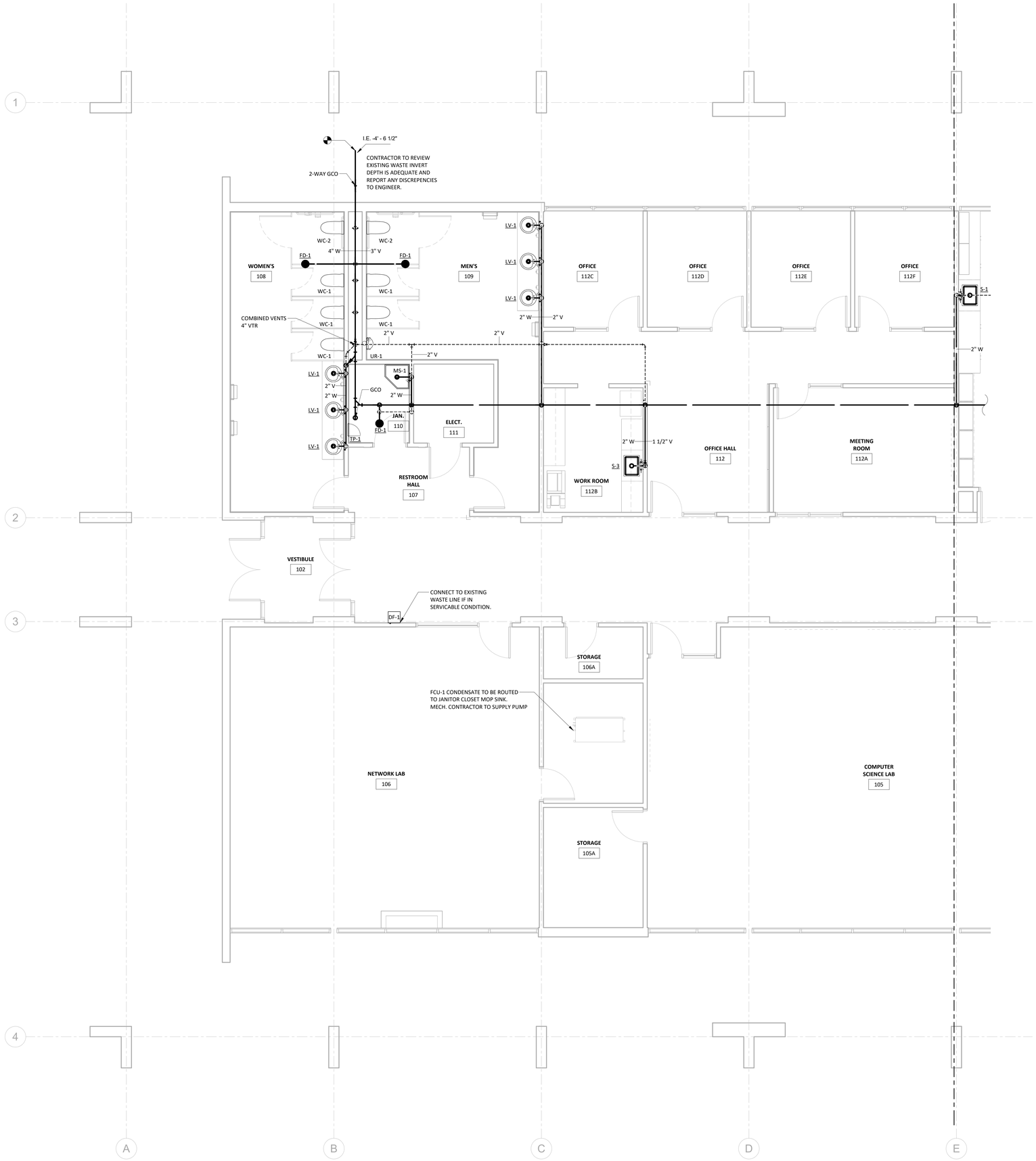

1 P2.12 LEVEL 01 - WASTE - SOUTH
1/4" = 1'-0"

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Status: **PERMIT AND BID DOCUMENTS**

Date: **03/03/2023**

Sheet Title
LEVEL 01 - WASTE - SOUTH

Sheet No.
P2.12

Job No.
20220498

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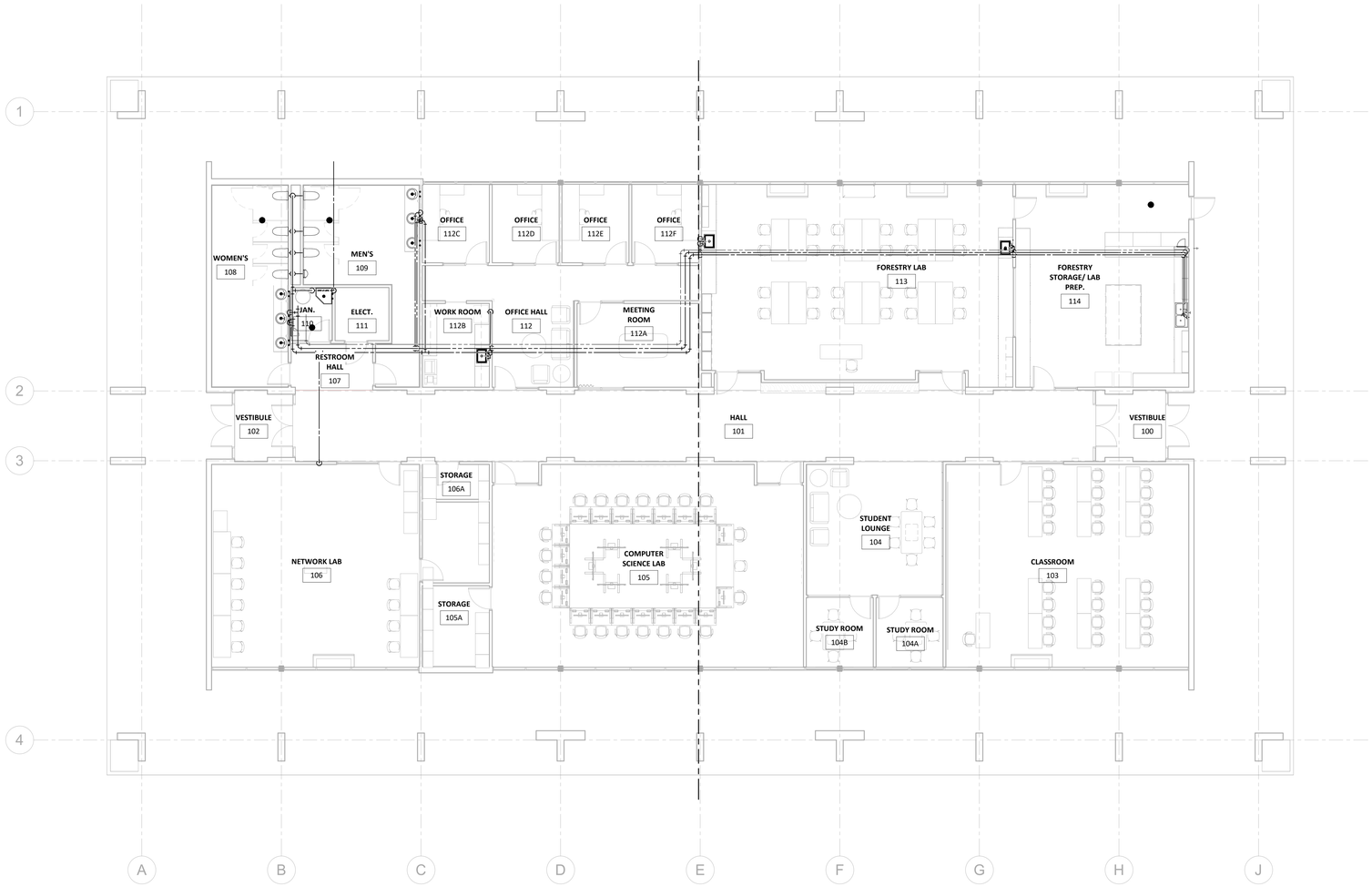

1 P3.10 LEVEL 01 - WATER - OVERALL
1/8" = 1'-0"

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Date: **03/03/2023**

Sheet Title
LEVEL 01 - WATER - OVERALL

Sheet No.
P3.10

Job No.
20220498

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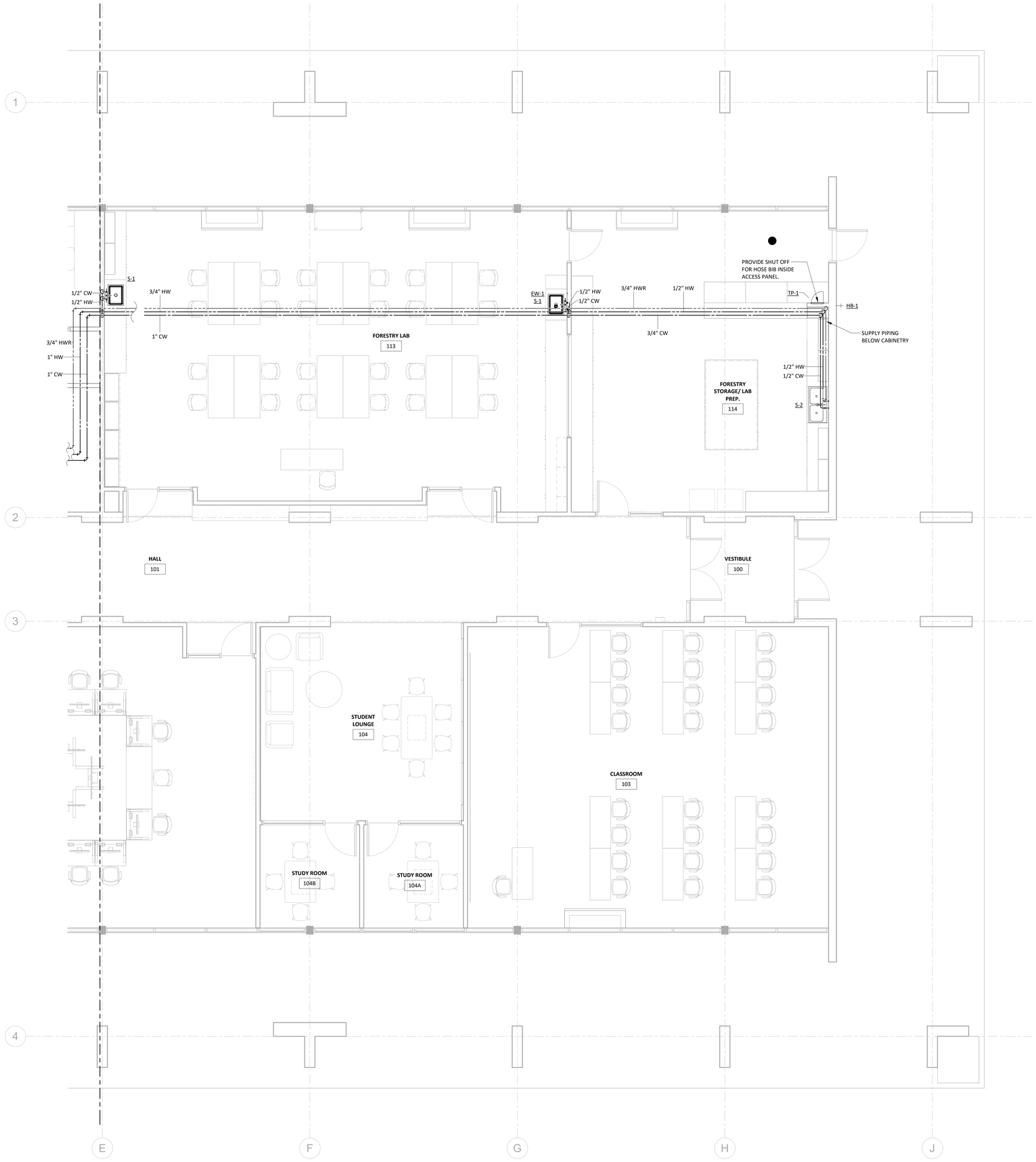

1 P3.11 LEVEL 01 - WATER - NORTH
1/4" = 1'-0"

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Sheet Title
LEVEL 01 - WATER - NORTH

Sheet No.
P3.11

Job No.
20220498

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

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LEVEL 01 - WATER - SOUTH

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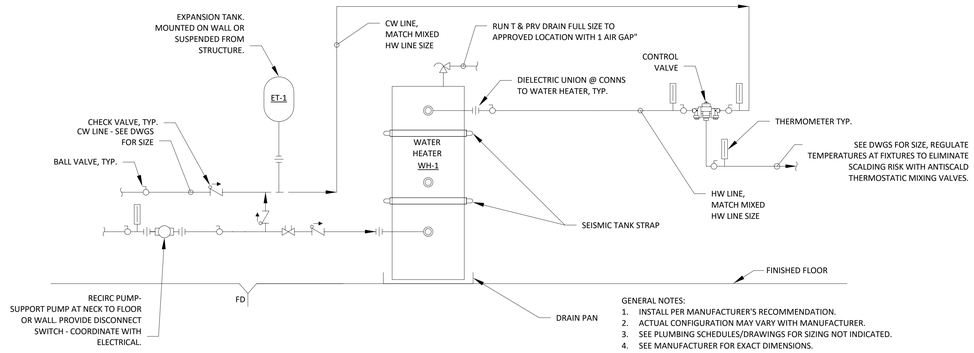
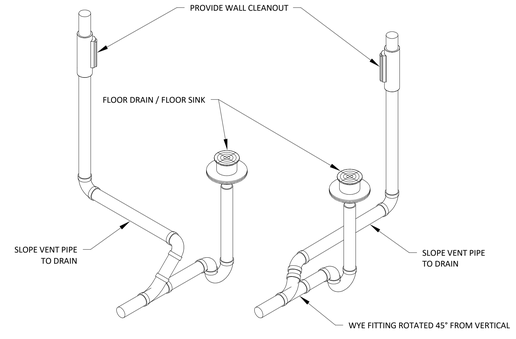


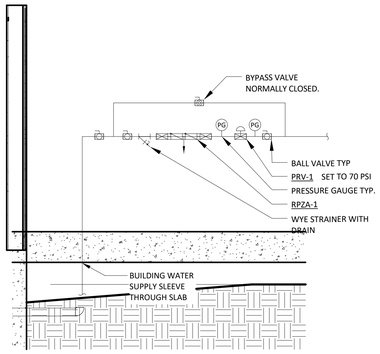
GENERAL NOTES:
1. INSTALL PER MANUFACTURER'S RECOMMENDATION.
2. ACTUAL CONFIGURATION MAY VARY WITH MANUFACTURER.
3. SEE PLUMBING SCHEDULES/DRAWINGS FOR SIZING NOT INDICATED.
4. SEE MANUFACTURER FOR EXACT DIMENSIONS.
5. CONTACT ENGINEER WITH DISCREPANCIES.
6. STORAGE TEMP TO BE SET AT 140°F.
7. SET THERMOSTATIC MIXING VALVE NOT TO EXCEED 120°F.
8. BALANCE HOT WATER RETURN PER THERMOSTATIC MIXING VALVE MANUFACTURER REQUIREMENTS.

3 P6.01 WATER HEATER DETAIL
NTS



NOTES:
1. INSTALL PER LOCAL CODE.

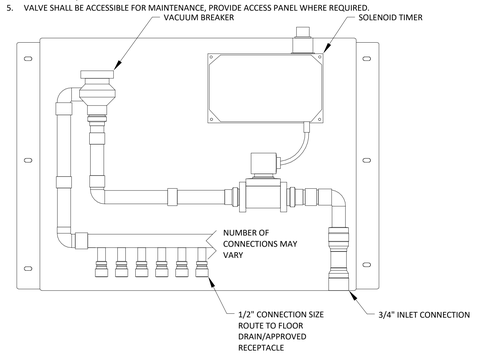
1 P6.01 HORIZONTAL VENT DETAIL
NTS



NOTES:
1. INSTALL PER MANUFACTURER'S RECOMMENDATION.
2. ACTUAL CONFIGURATION MAY VARY WITH MANUFACTURER AND FIXTURE LOCATIONS.

4 P6.01 PRV DETAIL HIGH LOW
NTS

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 TRAP PRIMER DETAIL
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MAR 13, 2018
MICHAEL LEAVITT
EXPIRES 12/31/2024

Project Owner:
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SOUTHWESTERN
AN OREGON COMMUNITY COLLEGE

Project Name:
COALEDO HALL

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COLEBREIT ENGINEERING
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AXIOM ENGINEERS

Revisions to Sheet

Revision	Date

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Sheet Title
PLUMBING - DETAILS

Sheet No.
P6.01

Job No.
20220498

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ELECTRICAL LEGEND

POWER SYMBOLS

SYMBOL	IDENTIFICATION
M	MOTOR CONNECTION
G	GENERATOR CONNECTION
F	FUSED DISCONNECT SWITCH XX/XX/XX = AMP SWITCH/POLES/AMP FUSE
	NON-FUSED DISCONNECT SWITCH XX/XX/XX = AMP SWITCH/POLES/AMP FUSE
J	JUNCTION BOX
J X	C = CEILING MOUNTED
J	JUNCTION BOX; WALL MOUNTED
J	JUNCTION BOX WITH WHIP-STYLE CONNECTION TO POWERED FURNITURE; POWER AND/OR DATA
T	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
M	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
X	A = ABOVE COUNTER C = CEILING MOUNTED G = GFCI S = SWITCHED RECEPTACLE T = TAMPER PROOF U = WITH (2) USB PORTS W = WEATHERPROOF COVER AND GFCI +#" = INCHES ABOVE FINISH FLOOR
	20A, 125V, DUPLEX RECEPTACLE OUTLET; FLOOR RECESSED
	20A, 125V, DOUBLE DUPLEX RECEPTACLE OUTLET; FLOOR RECESSED
	2-CHANNEL FLOOR BOX W/ (4) GANG POWER / (4) GANG DATA; PROVIDE 1"C. FROM EACH DATA OUTLET TO ACCESSIBLE CEILING SPACE. BASIS-OF-DESIGN: WIREMOLD 'RFB4'.
C J	COMMERCIAL CORD REEL RECEPTACLE; CEILING MOUNTED
$	SINGLE POLE SWITCH
$ X	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
OS	OCCUPANCY LIGHT CONTROL SWITCH; CEILING MOUNTED
OS	OCCUPANCY LIGHT CONTROL SWITCH; WALL MOUNTED
OS X	C = DUAL TECH WITH CORRIDOR PATTERN H = DUAL TECH WITH HIGH BAY SENSOR V = DUAL TECH WITH VACANCY SENSOR MODE
PS	PHOTOSENSOR; CEILING MOUNTED
PS X	D = DIMMING S = SWITCHED
P	PULL STATION
	HORN/STROBE COMBINATION; CEILING MOUNTED
	HORN/STROBE COMBINATION; WALL MOUNTED
	STROBE; CEILING MOUNTED
MM	FIRE RISER TAMPER SWITCH
MM	FIRE RISER FLOW SWITCH

ABBREVIATIONS

ABBRV.	IDENTIFICATION
AC	ALTERNATING CURRENT
AFF	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
EWC	ELECTRIC WATER COOLER
EWH	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
UON	UNLESS OTHERWISE NOTED
VFD	VARIABLE FREQUENCY DRIVE
W	WEATHERPROOF
WAP	WIRELESS ACCESS POINT
W/	WITH
(X)	REMOVE EXISTING
XFMR	TRANSFORMER
XP	EXPLOSION PROOF

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.
C	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
A	GRID LINE DESIGNATOR
####	FEEDER DESIGNATION TAG
#	SHEET KEYNOTE TAG
XX-#	MECHANICAL EQUIPMENT TAG
XX-#	CONTRACTOR EQUIPMENT TAG
#	REVISION DELTA WITH REVISION NUMBER
$ A	LETTER INDICATES FIXTURES CONTROL (WHERE SHOWN)
#.	NUMBER INDICATES CIRCUIT NUMBER (WHERE SHOWN)

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.

GENERAL ELECTRICAL NOTES:

A. BID PACKAGE INCLUDES NEW DESIGN-BUILD FIRE ALARM SYSTEM. SEE FIRE PREFORMANCE SPECIFICATIONS AND DRAWINGS FOR DESIGN INTENT.
B. BID PACKAGE INCLUDES NEW DESIGN-BUILD COMMUNICATIONS/DATA STRUCTURED CABLE SYSTEM. SEE DRAWINGS FOR SYSTEM CRITERIA, RACEWAY/PATHWAYS, DEVICE LOCATIONS, AND CABLING 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.
C. BID PACKAGE INCLUDES NEW DESIGN-BUILD SECURITY, CCTY, AND ACCESS CONTROL. SEE DRAWINGS FOR RACEAY/PATHWAYS AND ROUGH-IN LOCATIONS.
D. DIVISION 26 CONTRACTOR TO COORDINATE FINAL EQUIPMENT CONNECTION TYPE FOR OFOI AND OFCI EQUIPMENT.

ELECTRICAL SHEET KEY

SHEET NUMBER	DESCRIPTION
E0.01	LEGEND
E0.02	LUMINAIRE SCHEDULE AND LIGHTING MATRIX
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
E3.20	ROOF - POWER AND DATA - OVERALL
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

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MARCH 13, 2018
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COLEBREIT ENGINEERING
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AXIOM ENGINEERS

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LEGEND

Sheet No.
E0.01

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LUMINAIRE SCHEDULE

TYPE	DESCRIPTION / MOUNTING	FINISH	LISTINGS	DRIVER/POWER SUPPLY	LAMP(S)	INPUT POWER		MFG/CATALOG #	NOTES
						WATTS	UNIT		
L2	8FT RECESSED LINEAR LED TAPE LIGHT IN DISPLAY CASE, REMOTE DIMMING DRIVER.	WHITE	ETL	277V, 0-10V DIMMING	LED, 4000K, 984 LUMENS, 80 CRI	16W	EA	QTRAN - KICKER SW FIXTURE: KCKR-01-SW-2-40-DRY-DF-XX-XX-CLS-WH-CL832-ST-96 POWER SUPPLY: QZ-30W-UNV-24V-PH/010-WH OR EQUAL	1. LENGTHS TO BE CONFIRMED WITH ARCHITECTURAL DWGS AND FIELD CONDITIONS. 2. PROVDE INPUT/OUTPUT WIRING, CONNECTORS AND MOUNTING CLIPS AS REQUIRED FOR CONTIUOUS SEEMLESS INSTALLATION. 3. FIXTURE/WIRE CONNECTIONS TO BE CLEAN AND CONEALED FROM ALL VIEW/SITE LINES.
L3	LED UNDERCABINET LIGHT	WHITE	ETL	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. PROVDE INPUT/OUTPUT WIRING, CONNECTORS AND MOUNTING CLIPS AS REQUIRED FOR CONTIUOUS SEEMLESS INSTALLATION. 3. FIXTURE/WIRE CONNECTIONS TO BE CLEAN AND CONEALED FROM ALL VIEW/SITE LINES.
P1	2" DIRECT LINEAR LED PENDANT, SURFACE MOUNT PENDANT	BLACK	ETL	277V, 0-10V DIMMING	LED, 4000K, 4,284 LUMENS, 80 CRI	47.6W	EA	FINELIGHT: ##HP2-P-D-7FT-H-840-F-98LG-277-SC-FC10-FA50-C4-FE-FB	
P2	4" LED STEM PENDANT	WHITE	CSA, UL	MVOLT, 0-10V DIMMING 10%	LED, 4000K, 3110 LUMENS, 85 CRI	31.2W	EA	GOTHAM: #EV04PC-40/30-AR-LSS-WD-MVOLT-GZ10-JBX-PCAN-S2-DBL	
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	
R2	2'X2' VOLUMETRIC RECESSED LED	WHITE	CSA	MVOLT, 0-10V DIMMING 10%	LED, 4000K, 3300 LUMENS, 82 CRI	26.7W	EA	LITHONIA: #2BLT2-33L-ADP-MVOLT-GZ10-LP840	
R3	1'X4' VOLUMETRIC RECESSED LED	WHITE	CSA	MVOLT, 0-10V DIMMING 10%	LED, 4000K, 3000 LUMENS, 82 CRI	23.2W	EA	LITHONIA: #BLT2-30L-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-L04-AR-LSS-MVOLT-GZ10	
R5	2" RECESSED LED LINEAR SLOT	WHITE	ETL	120-277V, 0-10V DIMMING 1%^	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	
S2	EXTERIOR LED CANOPY	TBD	CSA, DLC, WET	MVOLT	LED, 4000K, 3500 LUMENS, CRI	27W	EA	LITHONIA: #CNY LED-P1-40K-MVOLT-FINISH	

NOTES:

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	NEW RELAY PANEL 'LCP1' WITH INTEGRAL ASTRONOMICAL TIME CLOCK	AUTO ON/OFF VIA LCP1 SCHEDULE,	NLIGHT: #ARP SERIES RELAY PANEL, 8-SIZE
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, AUTOMATIC DAYLIGHTING CONTROL.	AUTO ON TO 50% AND AUTO OFF VIA SENSOR SWITCH MANUAL CONTROL VIA WALL SWITCH, AUTOMATIC DIMMING VIA PHOTOSENSOR	NLIGHT: #NCM SERIES OCCUPANCY SENSOR #NPODMA SERIES WALL SWITCH #NCM SERIES PHOTOCELL
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

NOTES:

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

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Sheet Title
LUMINAIRE SCHEDULE AND LIGHTING MATRIX

Sheet No.
E0.02

Job No.
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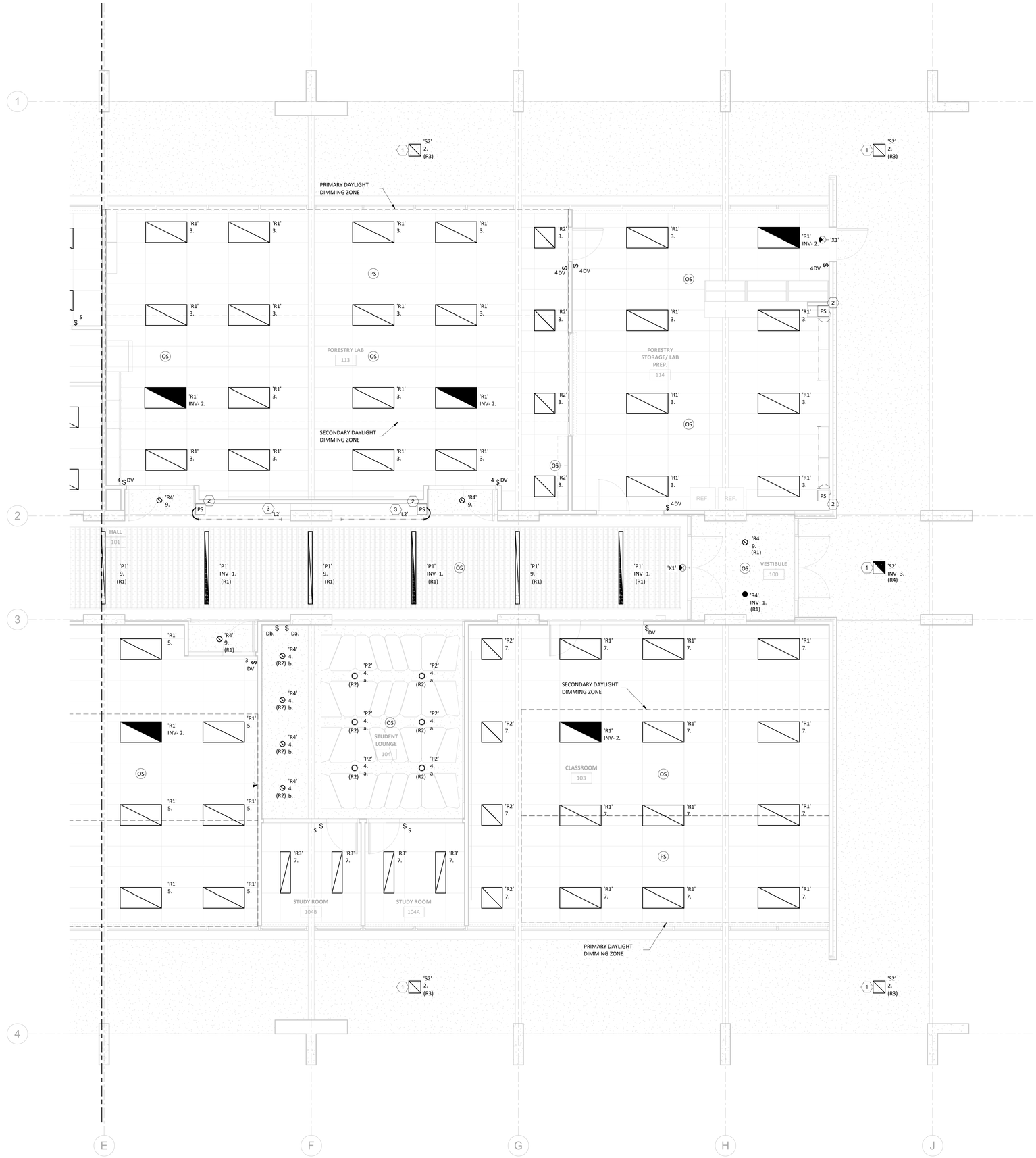

1 LEVEL 01 - LIGHTING - NORTH
E2.11 1/4" = 1'-0"

GENERAL SHEET NOTES:

A. CIRCUIT DESIGNATIONS SHOWN ON THIS SHEET ARE TO PANEL 'LL' UNLESS OTHERWISE NOTED.
B. ALL EXIT SIGNS AND EMERGENCY LIGHTING TO BE CIRCUITED VIA EMERGENCY LIGHTING INVERTER.
C. PROVIDE QUANTITY OF UL924 RELAYS AS REQUIRED TO ALLOW EGRESS LIGHTING TO SWITCH WITH NORMAL LIGHTING.
D. ALL EMERGENCY LIGHTING TO BE CIRCUITED VIA CENTRAL EMERGENCY LIGHTING INVERTER.
E. 'LCP1' RELAY DESIGNATIONS SHOWN IN PARENTHESES; (R#) TO RELAY #.

SHEET KEYNOTES (#)

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

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LEVEL 01 - LIGHTING - NORTH

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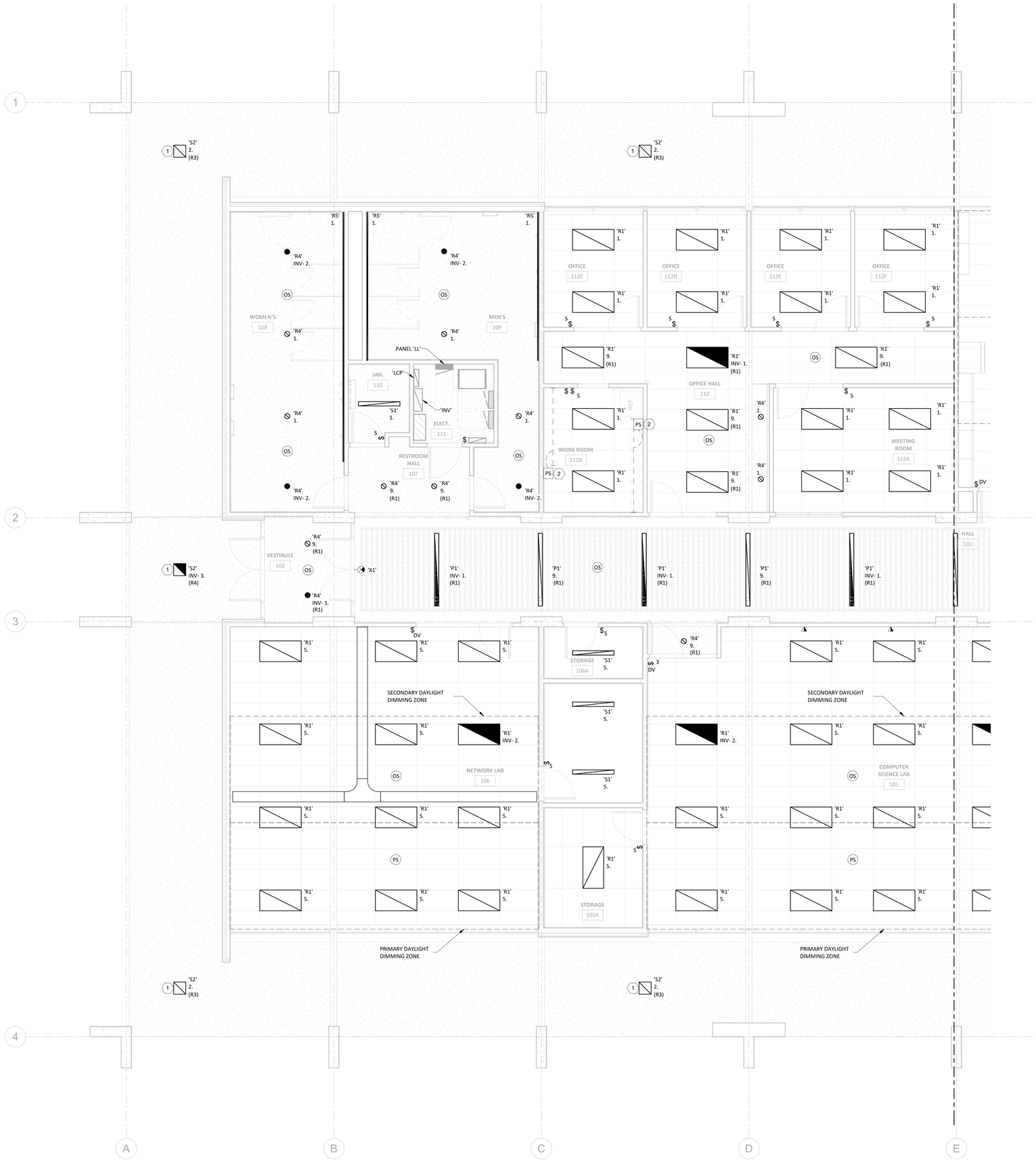

1 E2.12 LEVEL 01 - LIGHTING - SOUTH
1/4" = 1'-0"

GENERAL SHEET NOTES:

A. CIRCUIT DESIGNATIONS SHOWN ON THIS SHEET ARE TO PANEL 'LL' UNLESS OTHERWISE NOTED.
B. ALL EXIT SIGNS AND EMERGENCY LIGHTING TO BE CIRCUITED VIA EMERGENCY LIGHTING INVERTER.
C. PROVIDE QUANTITY OF UL924 RELAYS AS REQUIRED TO ALLOW EGRESS LIGHTING TO SWITCH WITH NORMAL LIGHTING.
D. ALL EMERGENCY LIGHTING TO BE CIRCUITED VIA CENTRAL EMERGENCY LIGHTING INVERTER.
E. 'LCP1' RELAY DESIGNATIONS SHOWN IN PARENTHESES; (R#) TO RELAY #.

SHEET KEYNOTES (#)

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

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LEVEL 01 - LIGHTING - SOUTH

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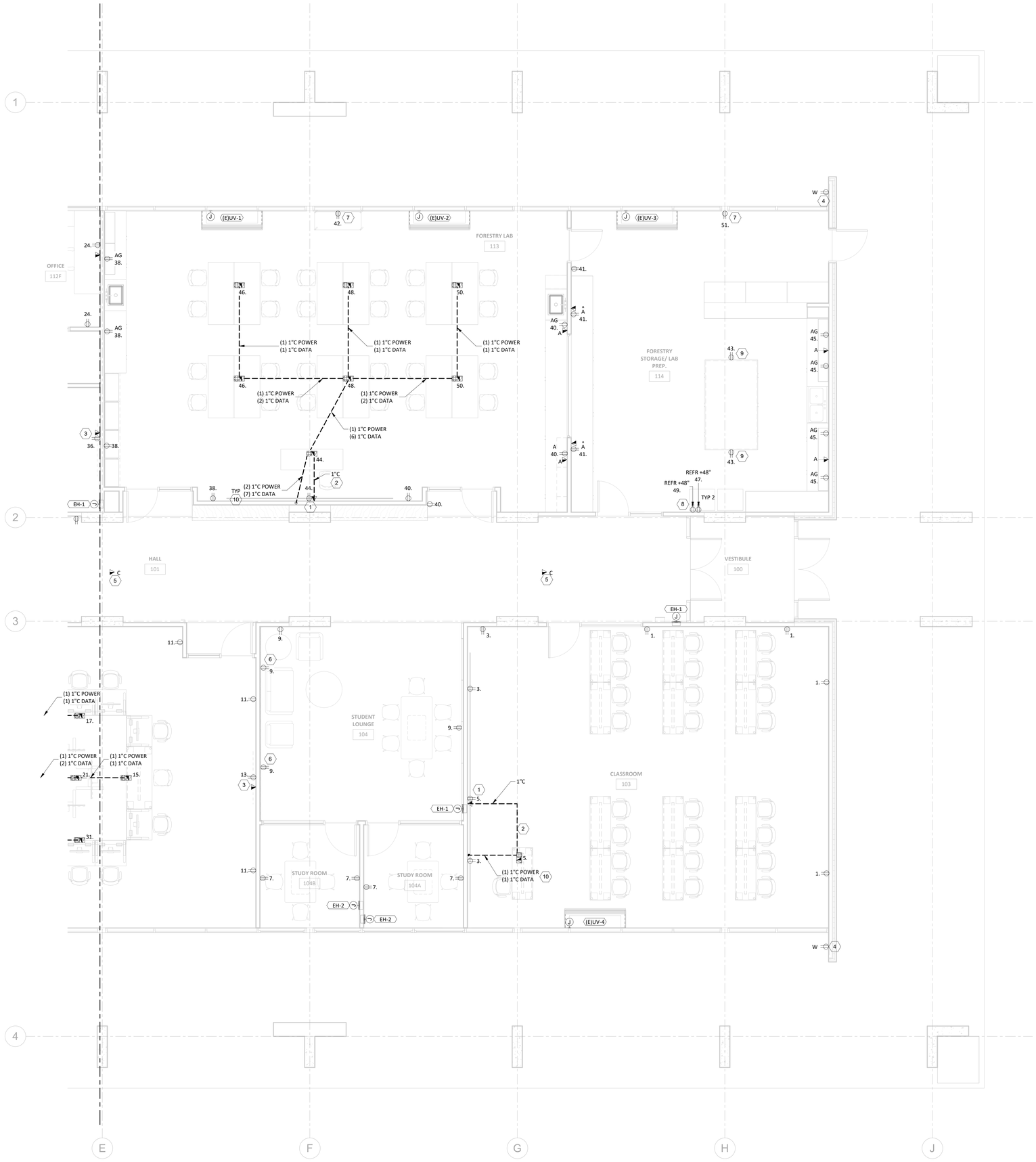

1 E3.11 LEVEL 01 - POWER AND DATA - NORTH
1/4" = 1'-0"

GENERAL SHEET NOTES:

A. COORDINATE LOCATION OF ALL DEVICES WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
B. PROVIDE DEDICATED NEUTRAL TO EACH BRANCH CIRCUIT, UNLESS OTHERWISE NOTED.
C. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATIONS.
D. COORDINATE ALL LOW VOLTAGE SYSTEM REQUIREMENTS AND EQUIPMENT WITH CAMPUS IT PRIOR TO INSTALLATION.
E. CIRCUIT DESIGNATIONS SHOWN ON THIS SHEET ARE TO PANEL 'LR1' UNLESS OTHERWISE NOTED.

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. PROVIDE (2) CAT6 CABLES TO FLAT SCREEN MONITOR FROM IDF.
4. INSTALL NEW EXTERIOR RECEPTACLE AT EXISTING LOCATION. RECONNECT DEVICE TO EXISTING BRANCH CIRCUITING.
5. PROVIDE CEILING MOUNTED DATA OUTLET FOR WIRELESS ACCESS POINT. CONTRACTOR TO FURNISH AND INSTALL WAP. CONFIRM WAP SPECIFICATIONS WITH CAMPUS IT.
6. INSTALL RECEPTACLE HORIZONTALLY IN BASEBOARD
7. INSTALL RECEPTACLE HORIZONTAL IN BASE OF EXTERIOR STOREFRONT. REFER TO ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR ADDITIONAL INFORMATION.
8. GANG RECEPTACLES IN COMMON FACEPLATE.
9. INSTALL RECEPTACLE IN FACE OF CASEWORK WITHIN 12" OF COUNTERTOP.
10. SAW CUT EXISTING SLAB TO INSTALL POWER AND DATA CONDUITS TO NEW FLOOR BOX.

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REGISTERED PROFESSIONAL ENGINEER
93353PE
OREGON
MARCH 13, 2018
KATHERINE A. CONNELLY
EXPIRES: 12/31/23

Project Owner:
SWOCC

SOUTHWESTERN OREGON COMMUNITY COLLEGE

Project Name:
COALEDO HALL

Project Adress:
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COOS BAY, OR 97420

COLEBREIT ENGINEERING
+
AXIOM ENGINEERS

Revisions to Sheet

Revision	Date

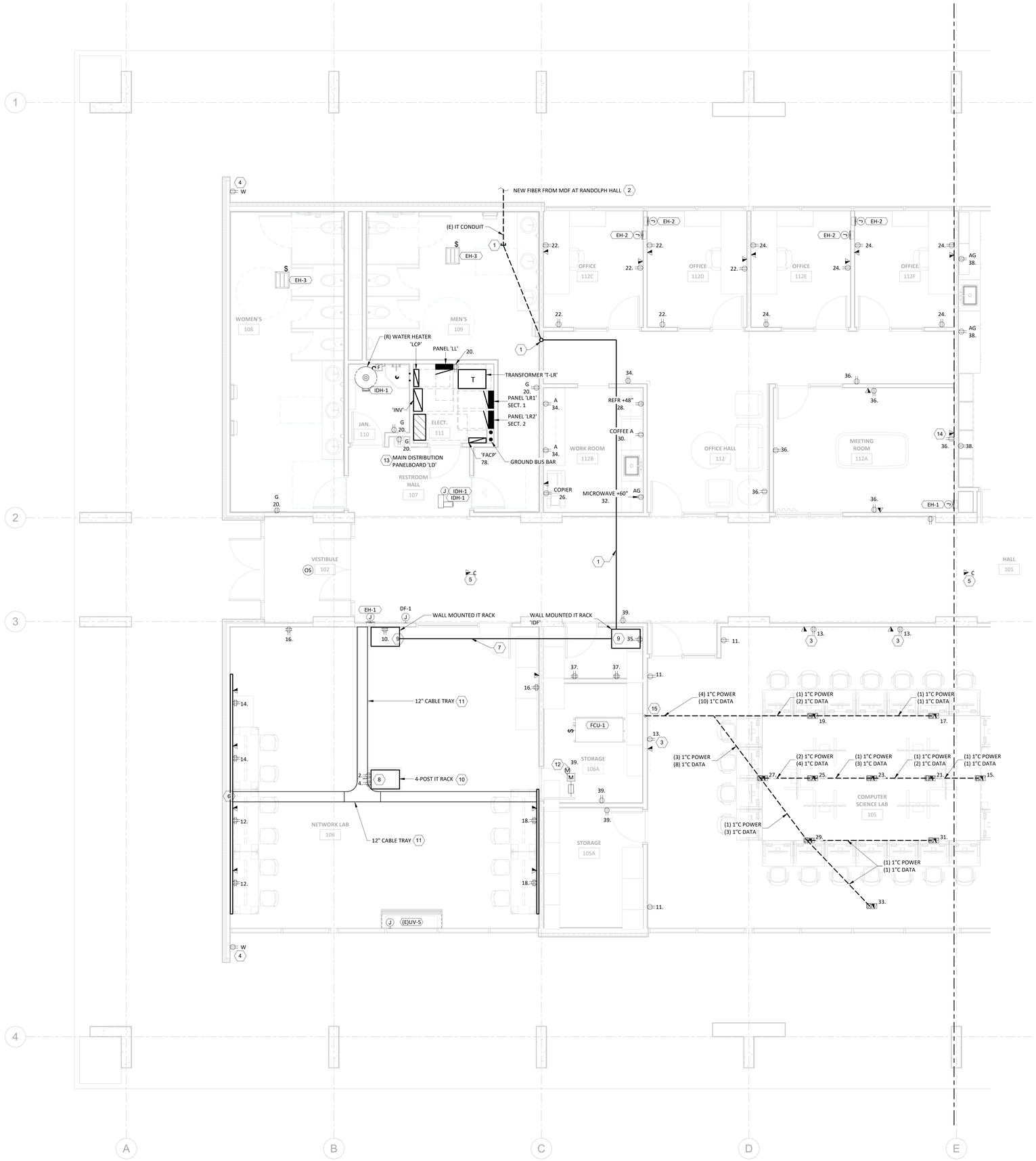
Status: **PERMIT AND BID DOCUMENTS**
Date: **03/03/2023**

Sheet Title
LEVEL 01 - POWER AND DATA - NORTH

Sheet No.
E3.11

Job No.
20220498

plotted: 3/6/2023 1:12:15 PM
sheet size: 30" x 42"



1 LEVEL 01 - POWER AND DATA - SOUTH
E3.12 1/4" = 1'-0"

GENERAL SHEET NOTES:

A. COORDINATE LOCATION OF ALL DEVICES WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
B. PROVIDE DEDICATED NEUTRAL TO EACH BRANCH CIRCUIT, UNLESS OTHERWISE NOTED.
C. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATIONS.
D. COORDINATE ALL LOW VOLTAGE SYSTEM REQUIREMENTS AND EQUIPMENT WITH CAMPUS IT PRIOR TO INSTALLATION.
E. CIRCUIT DESIGNATIONS SHOWN ON THIS SHEET ARE TO PANEL 'LR1' UNLESS OTHERWISE NOTED.

SHEET KEYNOTES

1. INTERCEPT EXISTING UNDERGROUND IT CONDUIT AND EXTEND UNDERGROUND TO NEAREST WALL. STUB UP IN WALL AND INTO ACCESSIBLE CEILING SPACE FOR EXTENSION OF FIBER TO NEW BUILDING IDF LOCATION. FIELD VERIFY EXISTING CONDUIT SIZE AND MATCH FOR NEW EXTENSION.
2. REMOVE AND REPLACE EXISTING FIBER FROM MDF AT RANDOLPH HALL AND EXTEND SINGLE MODE TO NEW IDF RACK. COORDINATE REQUIREMENTS WITH COLLEGE IT DEPARTMENT. TEST TERMINATE AND LABEL ALL CABLES.
3. INSTALL POWER AND DATA AT +66" AFF FOR WALL MOUNTED MONITOR. CONFIRM MOUNTING HEIGHT AND LOCATION PRIOR TO ROUGH-IN. PROVIDE (2) CAT6 TO FLAT SCREEN MONITOR.
4. INSTALL NEW EXTERIOR RECEPTACLE AT EXISTING LOCATION. RECONNECT DEVICE TO EXISTING BRANCH CIRCUITING.
5. PROVIDE CEILING MOUNTED DATA OUTLET FOR WIRELESS ACCESS POINT. CONTRACTOR TO FURNISH AND INSTALL WAP. CONFIRM WAP SPECIFICATIONS WITH CAMPUS IT.
6. PROVIDE LOW VOLTAGE ALUMINUM SURFACE RACEWAY WITH 2-PORT DATA OUTLET EVERY 24", EQUIVALENT TO LEGRAND WIREMOLD AL3300 SERIES OR EQUAL. PROVIDE TEE FITTING AND VERTICAL RACEWAY TO PROVIDE CONTINUOUS RACEWAY TO BOTTOM OF CABLETRAY. PROVIDE END FITTINGS, DEVICE PLATES, AND ALL COMPONENTS FOR A COMPLETE INSTALLATION.
7. 2"C. WITH SINGLE MODE FIBER BETWEEN BUILDING IDF AND CLASSROOM IDF RACK. CONFIRM CABLING REQUIREMENTS WITH CAMPUS IT.
8. RACK MOUNTED RECEPTACLE. COORDINATE RECEPTACLE AND POWER REQUIREMENTS WITH CAMPUS IT PRIOR TO ROUGH-IN.
9. PROVIDE FIXED WALL MOUNT EQUIPMENT RACK, EQUIVALENT TO CHATSWORTH PRODUCTS #11964-X18. CONTRACTOR TO PROVIDE ALL IDF RACK HARDWARE INCLUDING FIBER PATCH PANEL, SWITCH, 48-PORT PATCH PANELS, POWER SUPPLIES, VERTICAL CABLE MANAGEMENT AND UPS AS REQUIRED FOR BUILDING AND PER CAMPUS IT STANDARDS. CONFIRM ALL COMPONENTS AND SPECIFICATIONS WITH CAMPUS IT DEPARTMENT.
10. 7' TALL 4-POST FLOOR MOUNTED RACK, EQUIVALENT TO CHATSWORTH PRODUCTS #50120X03. CONFIRM RACK SPECIFICATION AND ADDITIONAL REQUIREMENTS WITH OWNER.
11. INSTALL CABLE TRAY +8'0" TO BOTTOM OF TRAY.
12. MOTORIZED DAMPER. SEE MECHANICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
13. RECONNECT EXISTING BUILDING FEEDER TO NEW MAIN DISTRIBUTION PANEL. FIELD COORDINATE EXACT LOCATION OF PANEL WITH RESPECT TO LOCATION OF EXISTING UNDERGROUND FEED CONDUIT STUB UP.
14. INSTALL POWER AND DATA AT +66" AFF FOR WALL MOUNTED MONITOR. CONFIRM MOUNTING HEIGHT AND LOCATION PRIOR TO ROUGH-IN. PROVIDE (2) CAT6 CABLES TO FLAT SCREEN MONITOR FROM IDF.
15. SAW CUT EXISTING SLAB TO INSTALL POWER AND DATA CONDUITS TO NEW FLOOR BOX.

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COLEBREIT ENGINEERING
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AXIOM ENGINEERS

Revisions to Sheet

Revision	Date

Status: **PERMIT AND BID DOCUMENTS**

Date: **03/03/2023**

Sheet Title
LEVEL 01 - POWER AND DATA - SOUTH

Sheet No.
E3.12

Job No.
20220498

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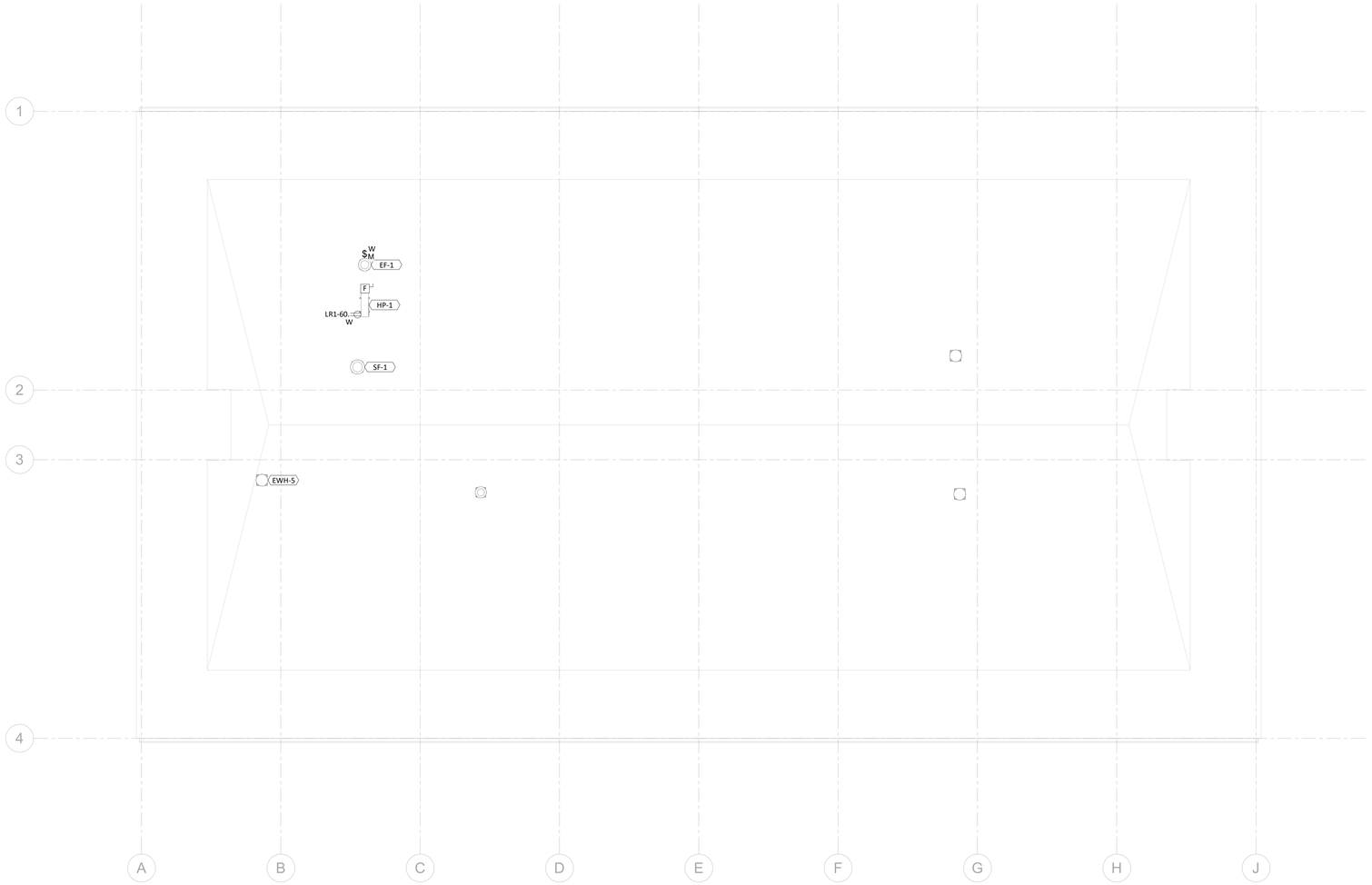
sheet size: 30" x 42"

GENERAL SHEET NOTES:

A. COORDINATE LOCATION OF ALL DEVICES WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
B. PROVIDE DEDICATED NEUTRAL TO EACH BRANCH CIRCUIT, UNLESS OTHERWISE NOTED.
C. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATIONS.
D. COORDINATE ALL LOW VOLTAGE SYSTEM REQUIREMENTS AND EQUIPMENT WITH CAMPUS IT PRIOR TO INSTALLATION.
E. CIRCUIT DESIGNATIONS SHOWN ON THIS SHEET ARE TO PANEL 'LR1' UNLESS OTHERWISE NOTED.



1 / E3.20 ROOF - POWER AND DATA - OVERALL
1/8" = 1'-0"

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ROOF - POWER AND DATA - OVERALL

Sheet No.
E3.20

Job No.
20220498

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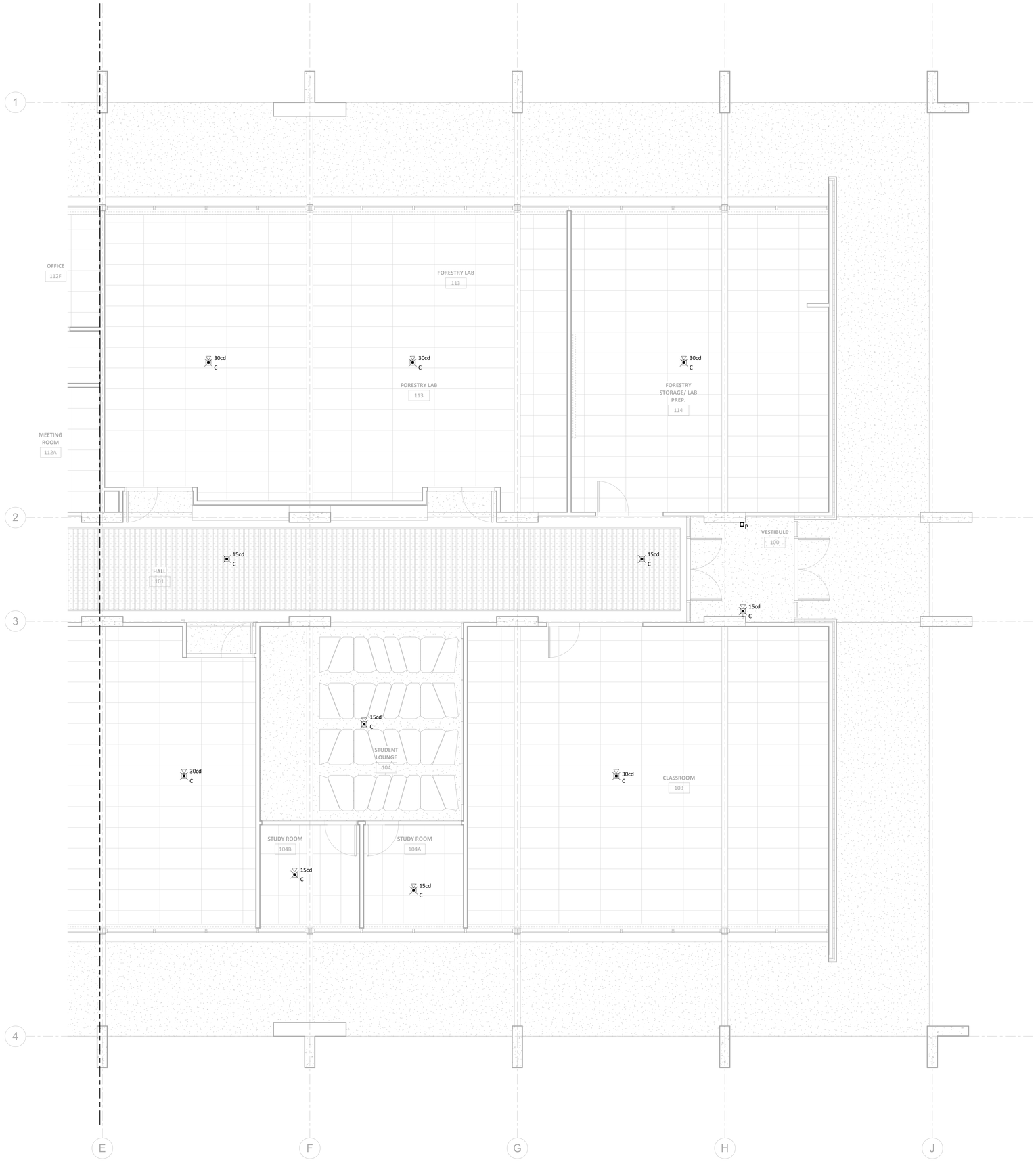
sheet size: 30" x 42"



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

SHEET KEYNOTES

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LEVEL 01 - FIRE ALARM - NORTH

Sheet No.
E4.11

Job No.
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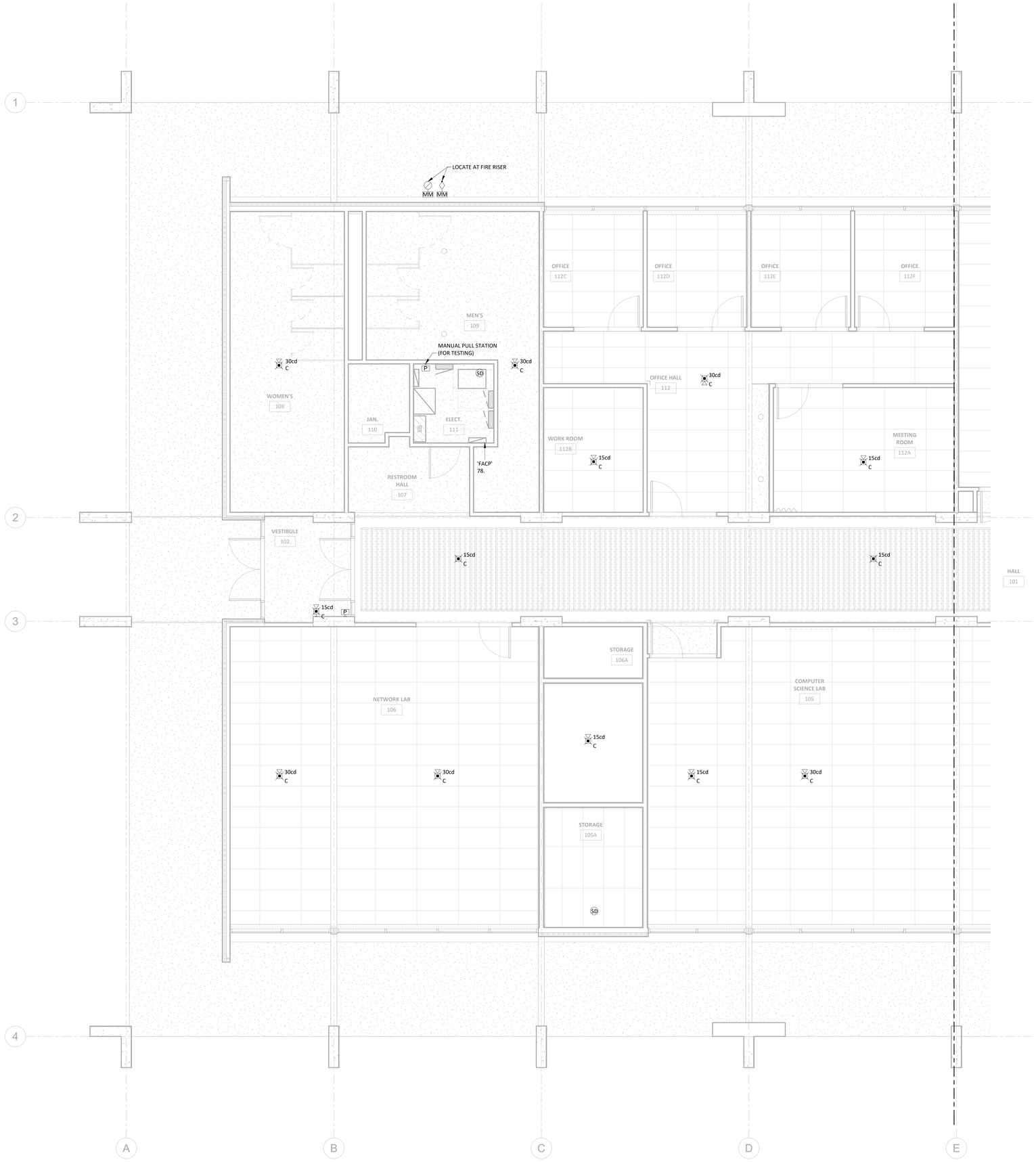
sheet size: 30" x 42"

SHEET KEYNOTES (#)



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

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LEVEL 01 - FIRE ALARM - SOUTH

Sheet No.
E4.12

Job No.
20220498

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sheet size: 30" x 42"

FEEDER SCHEDULE (COPPER)

FEEDER DESIGNATION	CONDUCTOR QUANTITY, SIZE (AWG/KCMIL), & CONDUIT (INCHES)
202	2 #12 CU THWN-2, 1 #12 CU GND., IN 3/4"C.
1003	3 #2 CU THWN-2, 1 #4 CU GND., IN 1-1/4"C.
1004	4 #2 CU THWN-2, 1 #4 CU GND., IN 2"C.
2004	4 #3/0 CU THWN-2, 1 #4 CU GND., IN 2"C.
2254	4 #4/0 CU THWN-2, 1 #2 CU GND., IN 2-1/2"C.

TRANSFORMER GROUNDING SCHEDULE

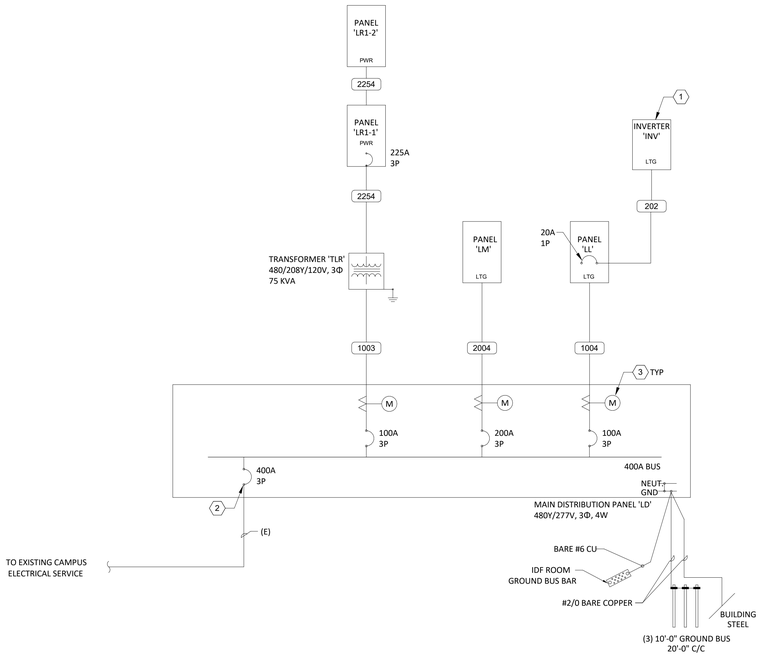
XFMR RATING (KVA)	XFMR GROUND SIZE
75	(1) #2 CU GND, IN 3/4" C.

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.

SHEET KEYNOTES ⬡

1. PROVIDE NEW EMERGENCY LIGHTING INVERTER EQUIVALENT TO MEYERS POWER PRODUCTS #LV-S-R-1-B-20-06-B, 1.0KVA OR GREATER.
2. RECONNECT EXISTING BUILDING FEEDER TO NEW DISTRIBUTION PANEL.
3. PROVIDE ENERGY USAGE METERING WITH BACNET TCP/IP PROTOCOL MEETING ASHRAE 90.1 REQUIREMENTS (KW PEAK AND KWH USAGE BY LOAD TYPE.



1 / E6.01 ONE-LINE DIAGRAM
NTS

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COLEBREIT ENGINEERING
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AXIOM ENGINEERS

Revisions to Sheet

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Date: **03/03/2023**

Sheet Title
ONE-LINE DIAGRAMS

Sheet No.
E6.01

Job No.
20220498

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sheet size: 30" x 42"

PANEL 'LR1' SECTION 1

120/208V, 3 Ph., 4 W.; 225A Bus with 225A Main Circuit Breaker Surface Mounted Panelboard, 10KAIC Rated

NOTE	CIRCUIT DESCRIPTION	CONN LOAD (VA)	LOAD TYPE	CIRCUIT BREAKER A/POLE	CKT.	PH.	CIRCUIT BREAKER CKT.	CIRCUIT BREAKER A/POLE	LOAD TYPE	CONN LOAD (VA)	CIRCUIT DESCRIPTION	NOTE
	RECEPT - CLASSROOM 103	720	R	20/1	1	A	2	20/1	R	1500	'NETWORK LAB FLOOR RACK	
	RECEPT - CLASSROOM 103	540	R	20/1	3	B	4	20/1	R	1500	NETWORK LAB FLOOR RACK	
	RECEPT - CLASSRM 103 FLOORBOX	540	R	20/1	5	C	6	20/1			SPARE	
	RECEPT - STUDY ROOMS	720	R	20/1	7	A	8	20/1			SPARE	
	RECEPT - STUDENT LOUNGE	720	R	20/1	9	B	10	20/1	R	1000	NETWORK LAB WALL RACK	
	RECEPT - COMP SCI 105	1,080	R	20/1	11	C	12	20/1	R	720	RECEPT - NETWORK LAB 106	
	RECEPT - COMP SCI 105 MONITOR	720	R	20/1	13	A	14	20/1	R	720	RECEPT - NETWORK LAB 106	
	RECEPT - FLOORBOX RM 105	360	R	20/1	15	B	16	20/1	R	720	RECEPT - NETWORK LAB 106	
	RECEPT - FLOORBOX RM 105	360	R	20/1	17	C	18	20/1	R	720	RECEPT - NETWORK LAB 106	
	RECEPT - FLOORBOX RM 105	360	R	20/1	19	A	20	20/1	R	900	RECEPT - RESTROOMS, ELEC, JAN	
	RECEPT - FLOORBOX RM 105	360	R	20/1	21	B	22	20/1	R	720	RECEPT - OFFICE 112C, 112D	
	RECEPT - FLOORBOX RM 105	360	R	20/1	23	C	24	20/1	R	720	RECEPT - OFFICE 112E, 112F	
	RECEPT - FLOORBOX RM 105	360	R	20/1	25	A	26	20/1	R	1000	RECEPT - COPIER 112B	
	RECEPT - FLOORBOX RM 105	360	R	20/1	27	B	28	20/1	K	900	REFRIG - 112B	
	RECEPT - FLOORBOX RM 105	360	R	20/1	29	C	30	20/1	K	1500	COFFEE - 112B	
	RECEPT - FLOORBOX RM 105	360	R	20/1	31	A	32	20/1	R	1200	MICROWAVE 112B	
	RECEPT - FLOORBOX RM 105	360	R	20/1	33	B	34	20/1	R	540	RECEPT - WORKROOM 112B	
	RECEPT - IT RACK	1,500	R	20/1	35	C	36	20/1	R	1080	RECEPT - MEETING ROOM	
	RECEPT - IT CLOSET	720	R	20/1	37	A	38	20/1	R	720	RECEPT - FORESTRY LAB	
	RECEPT - STORAGE	540	R	20/1	39	B	40	20/1	R	720	RECEPT - FORESTRY LAB	
	RECEPT - FORESTRY STOR.	540	R	20/1	41	C	42	20/1	R	1500	RECEPT - GROW LIGHT	
	RECEPT - FORESTRY STOR.	360	R	20/1	43	A	44	20/1	R		RECEPT - FLOORBOX RM 113	
	RECEPT - FORESTRY STOR.	720	R	20/1	45	B	46	20/1	R		RECEPT - FLOORBOX RM 113	
	REFRIG - FORESTRY STOR.	900	K	20/1	47	C	48	20/1	R		RECEPT - FLOORBOX RM 113	
	REFRIG - FORESTRY STOR.	900	K	20/1	49	A	50	20/1	R		RECEPT - FLOORBOX RM 113	
	RECEPT - HUMIDIFIER	500	R	20/1	51	B	52	20/1	R		SPARE	
	SPARE			20/1	53	C	54	20/1			SPARE	

TOTAL CONNECTED LOAD:	Ph. A	24,960	VA	208	AMPS	PANEL CONNECTED LOAD:	33.7 KVA	93.5 AMPS
TOTAL CONNECTED LOAD:	Ph. B	23,380	VA	195	AMPS	SUB-FED CONNECTED LOAD:	37.1 KVA	103.0 AMPS
TOTAL CONNECTED LOAD:	Ph. C	22,460	VA	187	AMPS	**TOTAL DEMAND LOAD:**	63.5 **KVA**	176.1 **AMPS**

NOTES:
1. 2. 3. 4. 5. 6.

ADD-ONS:
PROVIDE FEED-THRU LUGS

PROJECT NUMBER: 20220498

PANEL 'LR1' SECTION 2

120/208V, 3 Ph., 4 W.; 225A Bus with Main Lug Only Surface Mounted Panelboard, 10 KAIC Rated

NOTE	CIRCUIT DESCRIPTION	CONN LOAD (VA)	LOAD TYPE	CIRCUIT BREAKER A/POLE	CKT.	PH.	CIRCUIT BREAKER CKT.	CIRCUIT BREAKER A/POLE	LOAD TYPE	CONN LOAD (VA)	CIRCUIT DESCRIPTION	NOTE
	EH-1 (HALL 101 NORTH)	1,800	H	20/1	55	A	56	20/1	M	500	EF-1	
	EH-1 (HALL 101 SOUTH)	1,800	H	20/1	57	B	58	20/1	M	300	SF-1	
	EH-1 (STUDENT LOUNGE 104)	1,800	H	20/1	59	C	60	30/2	M	2,600	HP-1	
	EH-1 (MEETING RM 112A)	1,800	H	20/1	61	A	62	-	M	2,600	"	
	EH-2 (STUDY RM 104A)	1,000	H	20/1	63	B	64	25/2	H	2,000	IDH-1	
	EH-2 (STUDY RM 104B)	1,000	H	20/1	65	C	66	-	H	2,000	"	
	EH-2 (OFFICE 121C)	1,000	H	20/1	67	A	68	50/2	WH	4,500	WH-1	
	EH-2 (OFFICE 121D)	1,000	H	20/1	69	B	70	-	WH	4,500	"	
	EH-2 (OFFICE 121E)	1,000	H	20/1	71	C	72	20/1	R	180	ROOF RECEPT	
	EH-2 (OFFICE 121F)	1,000	H	20/1	73	A	74	20/1	G	500	DRINKING FOUNTAIN	
	EH-3 (MEN'S BATHROOM 109)	1,500	H	20/1	75	B	76	20/1	R	720	RECEPT - EXTERIOR	
	EH-3 (WOMEN'S BATHROOM 108)	1,500	H	20/1	77	C	78	20/1	G	500	FACP	
	SPARE			20/1	79	A	80	20/1			SPARE	
	SPARE			20/1	81	B	82	20/1			SPARE	
	SPARE			20/1	83	C	84	20/1			SPARE	
	SPARE			20/1	85	A	86	20/1			SPARE	
	SPARE			20/1	87	B	88	20/1			SPARE	
	SPARE			20/1	89	C	90	20/1			SPACE	
	SPACE				91	A	92				SPACE	
	SPACE				93	B	94				SPACE	
	SPACE				95	C	96				SPACE	

TOTAL CONNECTED LOAD:	Ph. A	13,700	VA	114	AMPS	PANEL CONNECTED LOAD:	37.1 KVA	103.0 AMPS
TOTAL CONNECTED LOAD:	Ph. B	12,820	VA	107	AMPS	SUB-FED CONNECTED LOAD:	0.0 KVA	0.0 AMPS
TOTAL CONNECTED LOAD:	Ph. C	10,580	VA	88	AMPS	**TOTAL DEMAND LOAD:**	Refer to Section 1	

NOTES:
1. 2. 3. 4. 5. 6.

ADD-ONS:

PROJECT NUMBER: 20220498

PANEL 'LM'

277/480V, 3 PH., 4 W.; 200A BUS WITH MAIN LUG ONLY SURFACE MOUNTED PANELBOARD, 35KAIC RATED

NOTE	CIRCUIT DESCRIPTION	CONN LOAD (VA)	LOAD TYPE	CIRCUIT BREAKER A/POLE	CKT.	PH.	CIRCUIT BREAKER CKT.	CIRCUIT BREAKER A/POLE	LOAD TYPE	CONN LOAD (VA)	CIRCUIT DESCRIPTION	NOTE
	UV-1	5,235	M	30/3	1	A	2	30/3	M	5,235	UV-4	
	"	5,235	M	-	3	B	4	-	M	5,235	"	
	"	5,235	M	-	5	C	6	-	M	5,235	"	
	UV-2	5,235	M	30/3	7	A	8	30/3	M	5,235	UV-5	
	"	5,235	M	-	9	B	10	-	M	5,235	"	
	"	5,235	M	-	11	C	12	-	M	5,235	"	
	UV-3	5,235	M	30/3	13	A	14				SPACE	
	"	5,235	M	-	15	B	16				SPACE	
	"	5,235	M	-	17	C	18				SPACE	
	SPACE				19	A	20				SPACE	
	SPACE				21	B	22				SPACE	
	SPACE				23	C	24				SPACE	
	SPACE				25	A	26				SPACE	
	SPACE				27	B	28				SPACE	
	SPACE				29	C	30				SPACE'	

TOTAL CONNECTED LOAD:	Ph. A	26,175	VA	94	AMPS	PANEL CONNECTED LOAD:	78.5 KVA	94.5 AMPS
TOTAL CONNECTED LOAD:	Ph. B	26,175	VA	94	AMPS	SUB-FED CONNECTED LOAD:	0.0 KVA	0.0 AMPS
TOTAL CONNECTED LOAD:	Ph. C	26,175	VA	94	AMPS	**TOTAL DEMAND LOAD:**	82.5 **KVA**	99.2 **AMPS**

NOTES:
1. 2. 3. 4. 5. 6.

ADD-ONS:

PROJECT NUMBER: 20220498

PANEL 'LL'

277/480V, 3 PH., 4 W.; 100A BUS WITH MAIN LUG ONLY SURFACE MOUNTED PANELBOARD, 35KAIC RATED

NOTE	CIRCUIT DESCRIPTION	CONN LOAD (VA)	LOAD TYPE	CIRCUIT BREAKER A/POLE	CKT.	PH.	CIRCUIT BREAKER CKT.	CIRCUIT BREAKER A/POLE	LOAD TYPE	CONN LOAD (VA)	CIRCUIT DESCRIPTION	NOTE
	LTG - RESTROOMS, OFFICES	1,186	L	20/1	1	A	2	20/1	L	216	LTG - EXTERIOR	
	LTG - FORESTRY LAB & PREP	950	L	20/1	3	B	4	20/1	L	281	LTG - LOUNGE	
	LTG - CLASSROOM & STUDY RMS	950	L	20/1	5	C	6	20/1	L	978	EM LTG - INVERTER	
	LTG - COMP SCI & NETWORK LABS	488	L	20/1	7	A	8	20/1			SPARE	
	LTG - HALLWAYS	512	L	20/1	9	B	10	20/1			SPARE	
	SPARE			20/1	11	C	12	20/1			SPARE	
	SPACE				13	A	14				SPACE	
	SPACE				15	B	16				SPACE	
	SPACE				17	C	18				SPACE	
	SPACE				19	A	20				SPACE	
	SPACE				21	B	22				SPACE	
	SPACE				23	C	24				SPACE	
	SPACE				25	A	26				SPACE	
	SPACE				27	B	28				SPACE	
	SPACE				29	C	30				SPACE	

TOTAL CONNECTED LOAD:	Ph. A	1,890	VA	7	AMPS	PANEL CONNECTED LOAD:	5.6 KVA	6.7 AMPS
TOTAL CONNECTED LOAD:	Ph. B	1,743	VA	6	AMPS	SUB-FED CONNECTED LOAD:	0.0 KVA	0.0 AMPS
TOTAL CONNECTED LOAD:	Ph. C	1,928	VA	7	AMPS	**TOTAL DEMAND LOAD:**	7.0 **KVA**	8.4 **AMPS**

NOTES:
1. 2. 3. 4. 5. 6.

ADD-ONS:

PROJECT NUMBER: 20220498

Battery Inverter 'INV'

Ckt. No.	Description / Location	Load (VA)	Type	C.B. A/Pole
1	HALLS 101,112	374	L	20/1
2	LABS, CLASSROOMS, RESTROOM	354	L	20/1
3	EXTERIOR EXIT	54	L	20/1
4	SPARE			20/1
5	SPARE			20/1
6	SPARE			20/1

Total Connected Load: 782 VA
Total Demand Load: 978 VA

20220498

Dist. Panel 'LD'

Available Fault Current: 29443A RMS

Load No.	Description / Location	Note	Load (VA)	Load Type
1	PANEL 'LM'		26,175	
-	-----		26,175	
-	-----		26,175	
2	PANEL 'LL'		1,890	
-	-----		1,743	
-	-----		1,928	
3	PANEL 'LR1' SECTION 1		24,960	
-	VIA XFMR 'TLR'		23,380	
-	-----		22,460	
4				
-				
-				
5				
-				
-				
6				
-				
-				

Total Connected Load:	Ph A	53,025 VA	191	Amps
Total Connected Load:	Ph B	51,298 VA	185	Amps
Total Connected Load:	Ph C	50,563 VA	182	Amps
Total Connected Load:		159.1 **KVA**	191.3	**Amps**
Total Demand Load:		127.1 **KVA**	152.8	**Amps**

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

ITEM	DESCRIPTION	LOCATION	VOLTS / PHASE	LOAD	MCA	MOCP	WIRE / CONDUIT	CIRCUIT	NOTES
EH-1	ELECTRIC HEATER	HALL 101 - NORTH	120/1	1.8 KW		20	202	LR1-55.	
EH-1	ELECTRIC HEATER	HALL 101 - SOUTH	120/1	1.8 KW		20	202	LR1-57.	
EH-1	ELECTRIC HEATER	STUDENT LOUNGE 104	120/1	1.8 KW		20	202	LR1-59.	
EH-1	ELECTRIC HEATER	MEETING RM 112A	120/1	1.8 KW		20	202	LR1-61.	
EH-2	ELECTRIC HEATER	STUDY RM 104A	120/1	1.0 KW		20	202	LR1-63.	
EH-2	ELECTRIC HEATER	STUDY RM 104B	120/1	1.0 KW		20	202	LR1-65.	
EH-2	ELECTRIC HEATER	OFFICE 112C	120/1	1.0 KW		20	202	LR1-67.	
EH-2	ELECTRIC HEATER	OFFICE 112D	120/1	1.0 KW		20	202	LR1-69.	
EH-2	ELECTRIC HEATER	OFFICE 112E	120/1	1.0 KW		20	202	LR1-71.	
EH-2	ELECTRIC HEATER	OFFICE 112F	120/1	1.0 KW		20	202	LR1-73.	
EH-3	ELECTRIC HEATER	MENS BATHROOM 109	120/1	1.5 KW		20	202	LR1-75.	
EH-3	ELECTRIC HEATER	WOMEN'S BATHROOMS 108	120/1	1.5 KW		20	202	LR1-77.	
EF-1	EXHAUST FAN	BATHROOMS	120/1	0.2 HP		20	202	LR1-56.	
SF-1	INLINE SUPPLY FAN	SEE PLANS	120/1	0.1 HP		20	202	LR1-58.	
HP-1	HEAT PUMP	COMPUTER SCIENCE	208/1	25.0 A		30	302	LR1-60/62.	
(E) UV-1	UNIT VENTILATOR	FORESTRY LAB 113	480/3	18.9 A		20	303	LM-1/3/5	
(E) UV-2	UNIT VENTILATOR	FORESTRY LAB 113	480/3	18.9 A		20	203	LM-7/9/11	
(E) UV-3	UNIT VENTILATOR	FORESTRY STORAGE 114	480/3	18.9 A		20	203	LM-13/15/17	
(E) UV-4	UNIT VENTILATOR	CLASSROOM 103	480/3	18.9 A		20	203	LM-2/4/6	
(E) UV-5	UNIT VENTILATOR	NETWORK LAB 106	480/3	18.9 A		20	203	LM-8/10/12	
IDH-1	INLINE DUCT HEATER	RESTROOM HALL	208/1	4.0 KW		25	302	LR1-64/66.	
WH-1	WATER HEATER	JANITOR 110	208/1	9.0 KW		50	502	LR1-68/70.	

GENERAL MECHANICAL EQUIPMENT CONNECTION SCHEDULE NOTES:

A. THE ABOVE INFORMATION IS FOR A SPECIFIC MANUFACTURER. ACTUAL MANUFACTURER FOR EQUIPMENT MAY BE DIFFERENT. COORDINATE WITH MECHANICAL EQUIPMENT SUBMITTALS FOR LOADS AND OVER CURRENT PROTECTION REQUIREMENTS PRIOR TO INSTALLATION OF WIRING.

B. MOCP = MAXIMUM OVER CURRENT PROTECTION
MCA = MINIMUM CIRCUIT AMPACITY

C. PROVIDE DISCONNECTING MEANS FOR EACH ITEM OF EQUIPMENT LISTED IN THE SCHEDULE ABOVE, EXCEPT AS SPECIFICALLY NOTED OTHERWISE IN SCHEDULE NOTES, BELOW.

MECHANICAL EQUIPMENT CONNECTION SCHEDULE NOTES:

1
2

WIRE / CONDUIT SCHEDULE

202 2 #12 CU, 1 #12 CU GND., IN 3/4" C.
203 3 #12 CU, 1 #12 CU GND., IN 3/4" C.
302 2 #10 CU, 1 #10 CU GND., IN 3/4" C.
303 3 #10 CU, 1 #10 CU GND., IN 3/4" C.
502 2 #6 CU, 1 #10 CU GND., IN 3/4" C.

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REGISTERED PROFESSIONAL ENGINEER
93353PE
OREGON
MARCH 13, 2018
KATHERINE A. CORNELIUS
EXPIRES: 12/31/23

Project Owner:
SWOCC

SOUTHWESTERN OREGON COMMUNITY COLLEGE

Project Name:
COALEDO HALL

Project Adress:
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COLEBREIT ENGINEERING
+
AXIOM ENGINEERS

Revisions to Sheet

Revision	Date

Status: **PERMIT AND BID DOCUMENTS**

Date: **03/03/2023**

Sheet Title
SCHEDULES

Sheet No.
E7.01

Job No.
20220498

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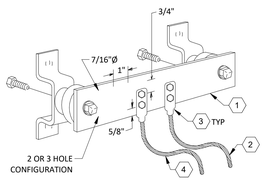
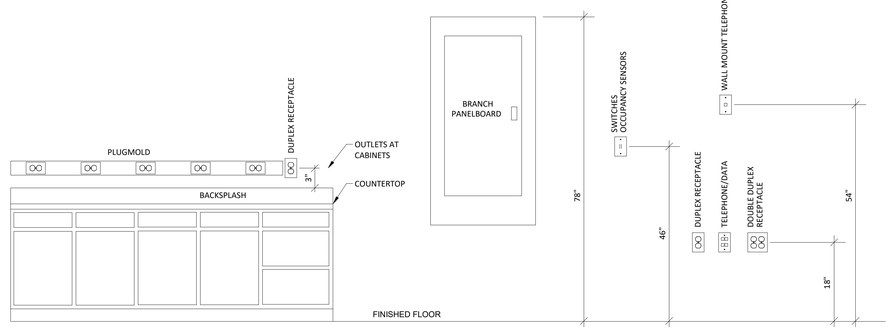


DETAIL KEYNOTES

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.

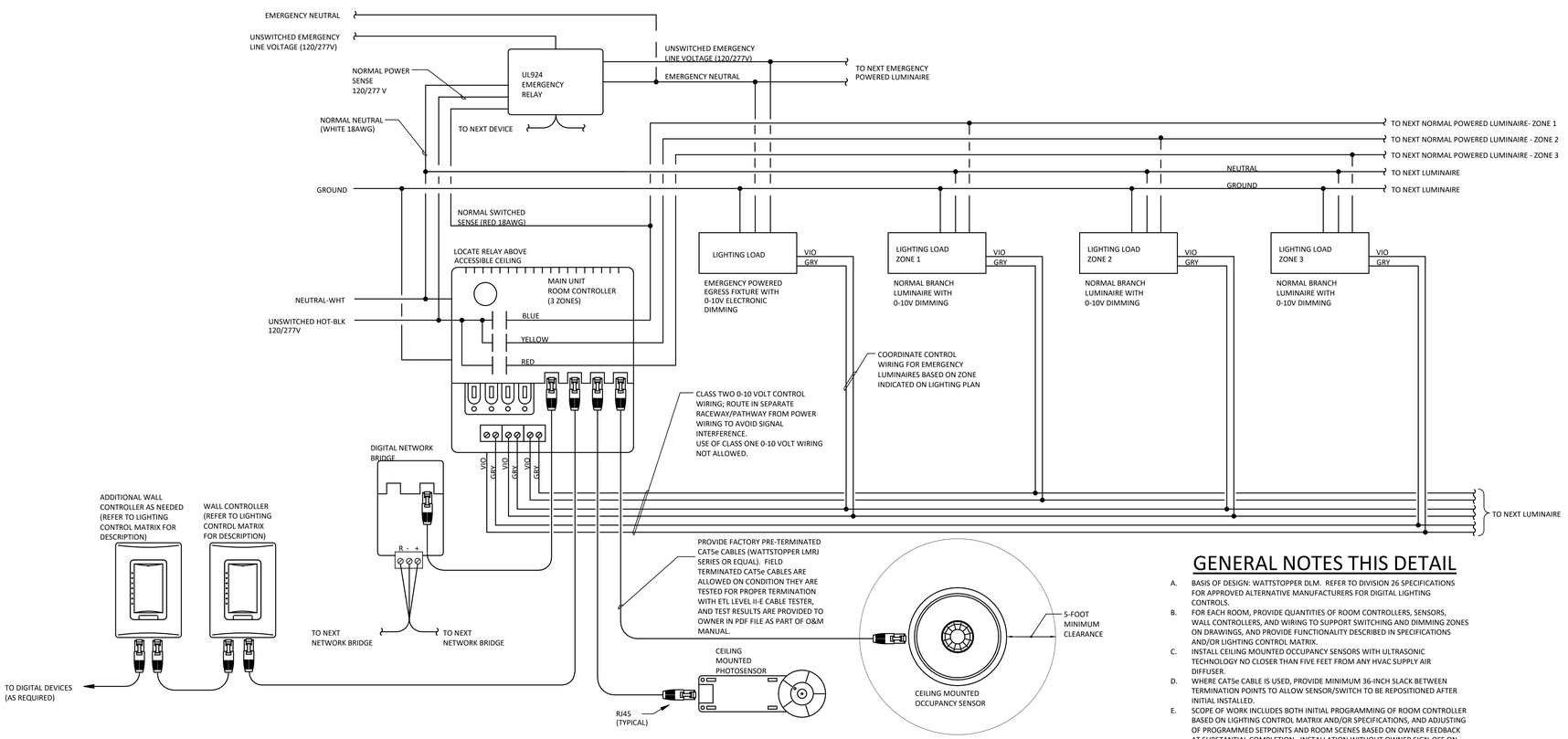
2 E8.01 GROUND BUS BAR DETAIL

NTS



1 E8.01 TYPICAL MOUNTING HEIGHTS

NTS



3 E8.01 LIGHTING CONTROL DIAGRAM

12" = 1'-0"

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 INSTALLED.
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.

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