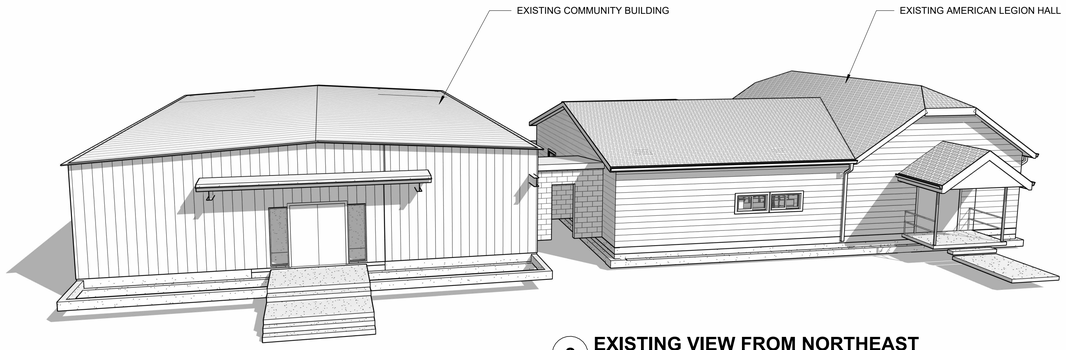
PORT ORFORD COMMUNITY BUILDING REMODEL

421 11TH STREET, PORT ORFORD, OREGON 97465

3 **VICINITY MAP**
N.T.S.



2 **EXISTING VIEW FROM NORTHEAST**

PROJECT TEAM

OWNER
CITY OF PORT ORFORD
555 W 20TH ST
PORT ORFORD, OR 97465
PHONE: (541) 332-3681
CONTACT: MELISSA RADCLIFFE

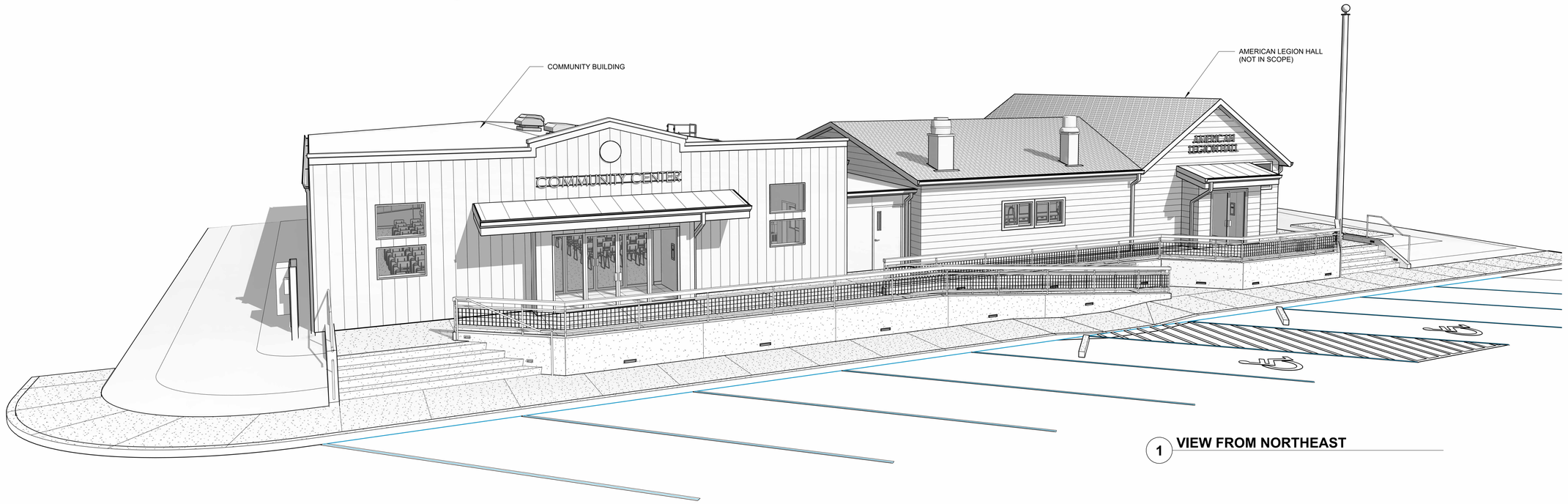
ARCHITECT
HGE ARCHITECTS, INC.
333 S 4TH ST
COOS BAY, OR 97420
PHONE: (541) 269-1166
CONTACT: JOE SLACK

STRUCTURAL
CUSHING TERRELL
2140 SW JEFFERSON ST, SUITE 200
PORTLAND, OR 97201
PHONE: (503) 395-1229
CONTACT: TODD YOUNG

MECHANICAL & PLUMBING
MFIA INC. CONSULTING ENGINEERS
2007 SE ASH ST
PORTLAND, OR 97214
PHONE: (503) 234-0548
CONTACT: SCOTT MILLER

ELECTRICAL
DOUBLE 'E' ENGINEERING
315 ASH ST
MYRTLE POINT, OR 97458
PHONE: (547) 294-0587
CONTACT: GREG PRIDE

SHEET INDEX - COMMUNITY BUILDING



1 **VIEW FROM NORTHEAST**

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT
2840
JOSEPH A. SLACK
COOS BAY, OREGON
STATE OF OREGON

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
COVER SHEET

G0.0

2/4/2025 5:00:27 PM C:\Users\HGE-Dominic\Documents\Port Orford Community Building R25_dlbrieG4QPE.rvt

ABBREVIATIONS

ABBREVIATIONS BELOW ARE FOR ARCHITECTURAL SHEETS ONLY

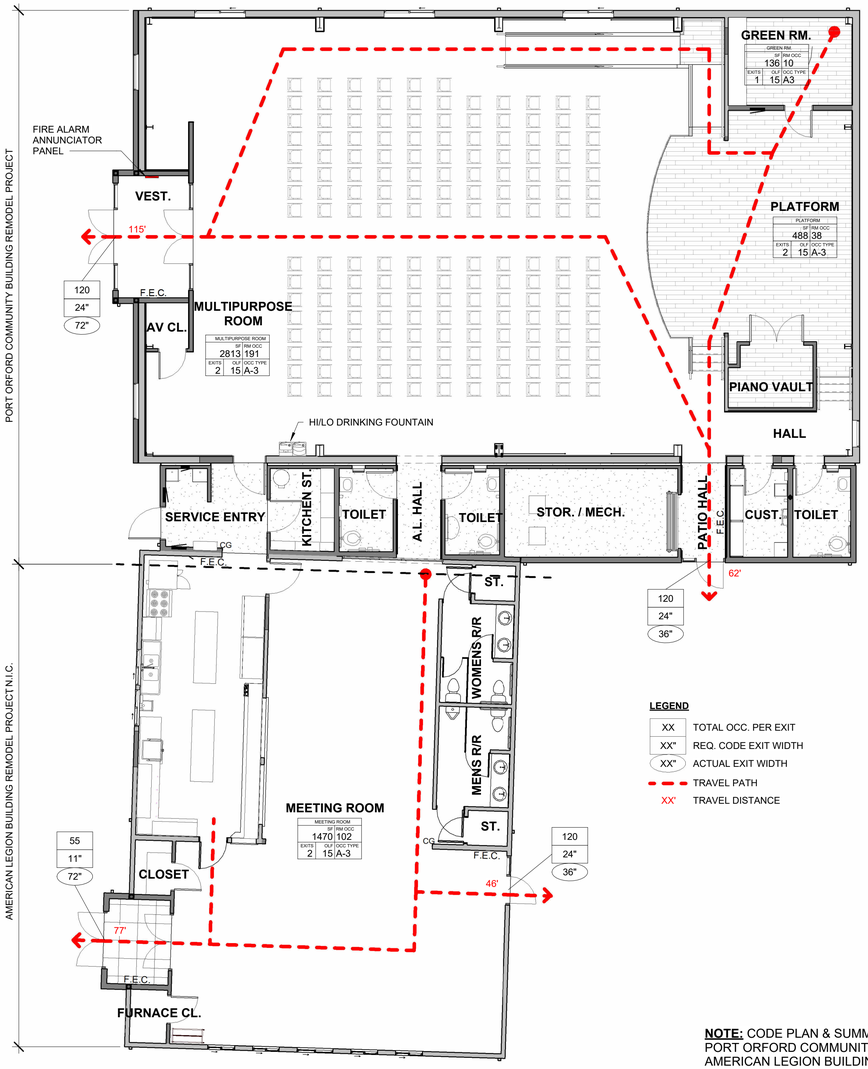
	ANGLE
@	AT
AB	ANCHOR BOLT
AC	ACOUSTIC
ACC	ACCESS
ACT	ACOUSTIC CEILING TILE
ACP	ACOUSTIC CEILING PANEL
AD	AREA DRAIN
ADD	ADDITIONAL
ADJ	ADJUSTABLE
AFF	ABOVE FINISH FLOOR
AHU	AIR HANDLING UNIT
AL	ALUMINUM
ALT	ALTERNATE
AP	ACCESS PANEL
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
ASPH	ASPHALT
BB	BOND BEAM
BD	BOARD
BF	BOTH FACES
BFC	BELOW FINISH CEILING
BG	BUMPER GUARD
BIT	BITUMINOUS
BLDG	BUILDING
BLKG	BLOCKING
BLKT	BLANKET
BM	BEAM/BENCH MARK
BLK	BLOCK
BOT	BOTTOM
BRG	BEARING
BRKR	BREAKER
BRK	BRICK
BRKT	BRACKET
BS	BACK SPLASH
BSMT	BASEMENT
BTWN	BETWEEN
CAB	CABINET
CER	CERAMIC
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
CG	CORNER GUARD
CH	COAT HOOK
CIP	CAST IN PLACE
CJ	CONTROL JOINT/CONSTRUCTION JOINT
CLG	CEILING
CLO	CLOSET/CLOSURE
CLR	CLEAR
COL	COLUMN
COMB	COMBINATION
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CONF	CONFERENCE
CONN	CONNECTION/CONNECT
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CORR	CORRIDOR
CPT	CARPET
CR	CARD READER
CSG	CASING
CT	CERAMIC TILE
CTR	CENTER/COUNTER
CTSK	COUNTERSUNK
CUH	CABINET UNIT HEATER
CVG	CLEAR VERTICAL GRAIN
CW	COLD WATER
D	DEPTH
DBL	DOUBLE
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DIR	DIRECTION
DIV	DIVISION
DM	DE-MOUNTABLE PARTITION
DN	DOWN
DO	DITTO
DR	DOOR
DRWR	DRAWER
DS	DOWNSPOUT
DWG	DRAWING
DWL	DOWEL
DWS	DEFORMED WELDED STUD
(E)	EXISTING
EA	EACH
EC	ELECTRICAL CONTRACTOR
EF	EACH FACE
EH	ELECTRICAL HEATER/EXHAUST HOOD
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR/ELEVATION
EMBED	EMBEDDED
EMER	EMERGENCY
ENT	ENTRANCE
EQ	EQUAL
EQUIP	EQUIPMENT
ES	EMERGENCY SHOWER
ESR	ELASTOMERIC SHEET ROOFING
ETR	EXISTING TO REMAIN
EVC	ELASTIC VINYL COATING
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EXC	EXCAVATE
EXP	EXPANSION
EXPD	EXPOSED
EXPF	EXPLOSION PROOF
EXT	EXTERIOR
FA	FIELD ADJUSTABLE
FV	FIELD VERIFY
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FHC	FIRE HOSE CABINET
FIN	FINISH
FIX	FIXTURE
FLEX	FLEXIBLE
FLR	FLOOR
FLRG	FLOORING
FOS	FACE OF STUD
FP	FIREPROOF/FIRE PROTECTION
FR	FIRE RETARDANT
FS	FULL SIZE/FULL SCALE
FT	FEET
FTG	FOOTING
FURG	FURRING

GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GEN	GENERAL
GFCI	GOVERNMENT FURNISHED, CONTRACTOR INSTALLED
GFGI	GOVERNMENT FURNISHED, GOVERNMENT INSTALLED
GFRC	GLASS FIBER REINFORCED CONCRETE
GFRG	GLASS FIBER REINFORCED GYPSUM
GL	GLASS
GLB	GLUE LAM BEAM
GMU	GLAZED MASONRY UNIT
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
H	HEIGHT
HDBD	HARDBOARD
HDCP	HANDICAPPED
HDWD	HARDWOOD
HDWE	HARDWARE
HK	HOOK
HM	HOLLOW METAL
HP	HIGH POINT
HR	HANDRAIL
HT	HEIGHT
HVAC	HEATING VENTILATION AND AIR CONDITIONING
HWS	HEAD WELDED STUDS
ID	INSIDE DIAMETER
IMP	INSULATED METAL PANEL
IN	INCHES
INFO	INFORMATION
INSUL	INSULATION
INT	INTERIOR
IPW	INSULATED PLENUM WALL
IRF	INSULATED ROOF FILL
JAN	JANITOR
JS	JANITOR SINK
JST	JOIST
JT	JOINT
KD	KNOCKED DOWN
KO	KNOCK-OUT / KNEE OPENING
L	LENGTH
LAB	LABORATORY
LAM	LAMINATED
LB	POUND
LBS	POUNDS
LD	LINEAR DIFFUSER
LDG	LANDING
LF	LINEAR FOOT
LG	LONG
LGT	LIGHT
LKR	LOCKER
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LONG	LONGITUDINAL
LP	LOW POINT
LSH	LONG SLOTTED HOLE
LTG	LIGHTING
LVR	LOUVER
LWC	LIGHTWEIGHT CONCRETE
MACH	MACHINE
MAN	MANUAL
MAR	MARBLE
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MB	MACHINE BOLT
MBW	MASONRY BEARING WALL
MC	MECHANICAL CONTRACTOR
MDO	MEDIUM DENSITY OVERLAY
MECH	MECHANICAL
MEMB	MEMBRANE
MET	METAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MK	MARK
ML	METAL LATH
MLDG	MOLDING
MO	MASONRY OPENING
MP	METAL PARTITION
MS	MACHINE SCREW
MTD	MOUNTED
MTG	MOUNTING
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NS	NON-SHRINK
NTS	NOT TO SCALE
NWC	NORMAL WEIGHT CONCRETE
O/	OVER
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER/OVERFLOW DRAIN
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFF	OFFICE
OPNG	OPENING
OPP	OPPOSITE
OZ	OUNCE
PART	PARTITION
PC	PIECE
PCC	PRECAST CONCRETE
PCPL	PORTLAND CEMENT PLASTER
PDWR	PAPER TOWEL DISPENSER & WASTE RECEPTACLE
PH	PHILLIPS HEAD/PHASE
PL	PLATE/PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLBG	PLUMBING
PLYWD	PLYWOOD
PM	PROTECTED METAL
PNL	PANEL
PNLG	PANELING
POL	POLISHED
PR	PAIR
PRE FAB	PREFABRICATED
PRE FIN	PRE-FINISHED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT/PAINT
PTM	PAINT TO MATCH
PVC	POLYVINYL CHLORIDE

QT	QUARRY TILE
QTY	QUANTITY
RAD	RADIUS
RAH	ROOFTOP AIR HANDLING UNIT
RB	RUBBER BASE
RC	REINFORCED CONCRETE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REC	RECESSED
REF	REFERENCE
REINF	REINFORCING
REL	RELOCATE
REM	REMAINDER
REQD	REQUIRED
RES	RESILIENT
RET	RETURN
RI	ROUGH IN
RM	ROOM
RO	ROUGH OPENING
RT	RUBBER TILE
RUB	RUBBER
SA	SELF ADHERED
SAM	SELF ADHERED MEMBRANE
SAMF	SELF ADHERED MEMBRANE FLASHING
SAT	STANDARD AGGREGATE TOPPING
SAWRB	SELF ADHERED WATER RESISTIVE BARRIER
SB	SOIL BEARING
SC	SEAMLESS COATING
SCF	SPECIAL CONCRETE FINISH
SCHD	SCHEDULE
SD	SOAP DISPENSER
SE	SHELF EDGE
SECT	SECTION
SF	SAND FLOAT
SG	SUPPLY AIR GRILLE
SGL	SINGLE
SH	SHELF
SHD	SHOWER DOOR
SHT	SHEET
SIM	SIMILAR
SJ	STEEL JOIST
SLV	SHORT LEG VERTICAL
SM	SMOOTH
SND	SANITARY NAPKIN DISPENSER
SNV	SANITARY NAPKIN VENDER
SOG	SLAB ON GRADE
SPEC	SPECIFICATION
SPR	SPRINKLER
SQ	SQUARE
SR	SHOWER ROD
SS	STAINLESS STEEL
ST	STREET
STD	STANDARD
STL	STEEL
STO	STORAGE
STRU	STRUCTURAL/STRUCTURE
SUSP	SUSPENDED
SV	SHEET VINYL
SYM	SYMMETRICAL
T & B	TOP AND BOTTOM
TB	TACKBOARD/TOWEL BAR
TBR	TO BE REMOVED
TCP	THIN COAT PLASTER
TD	TOWEL DISPENSER
TDW	TOWEL DISPENSER AND WASTE
TEMP	TEMPERATURE/TEMPERED
TER	TERRAZZO
TEX	TEXTURE
TFC	TROWELED FLOOR COVERING
T&G	TONGUE AND GROOVE
THK	THICK
TOB	TOP OF BEAM
TOC	TOP OF CURB/TOP OF CONCRETE
TOD	TOP OF DECK/TOP OF DUCT ELEVATION
TOF	TOP OF FOOTING
TOG	TOP OF GRATE
TOJ	TOP OF JOIST
TOP	TOP OF PIPE ELEVATION
TOS	TOP OF SLAB/TOP OF STEEL
TOW	TOP OF WALL
TPG	TOPPING
TPH	TOILET PAPER HOLDER
TRAN	TRANSOM
TRANS	TRANSVERSE
TS	TUBE STEEL
TWS	THREADED WELDED STUD
TYP	TYPICAL
UG	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
V	VINYL
VB	VINYL BASE
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VOL	VOLUME
VWC	VINYL WALL COVERING
W	WIDE FLANGE STEEL BEAM
W/	WITH
WAF	WELDED ANGLE FRAME
WC	WATER CLOSET
WD	WOOD
WDW	WINDOW
WF	WIDE FLANGE
WG	WIRE GLASS
W/O	WITHOUT
WP	WEATHERPROOF
WPFG	WATERPROOFING
WR	WASTE RECEPTACLE
WRB	WATER RESISTIVE BARRIER
WSCT	WAINSCOT
WSTP	WEATHERSTRIP
WTR	WATER
WWF	WELDED WIRE FABRIC

OCCUPANCY SCHEDULE

NO.	ROOM NAME	AREA	TYPE	OLF	OCC. LOAD	EXITS
2	MULTIPURPOSE ROOM	2813 SF	A-3	15	191	2
3	GREEN RM.	136 SF	A3	15	10	1
4	PLATFORM	488 SF	A-3	15	38	2
04	MEETING ROOM	1470 SF	A-3	15	102	2
05	KITCHEN	<varies>	<varies>	<varies>	7	<varies>
TOTAL OCCUPANTS:					348	



1 **CODE FLOOR PLAN**
1/8" = 1'-0"

LEGEND

XX	TOTAL OCC. PER EXIT
XX"	REQ. CODE EXIT WIDTH
XX"	ACTUAL EXIT WIDTH
	TRAVEL PATH
XX'	TRAVEL DISTANCE

CODE SUMMARY

APPLICABLE CODES:
2022 Oregon Structural Specialty Code (2021 IBC)
ANSI/ASHRAE/IES Standard 90.1-2019

BUILDING CONSTRUCTION:
Type 5B, non-sprinklered
Fire alarm required

OCCUPANCY CLASSIFICATION (CHAPTER 3):
Assembly Group A-3

BUILDING AREA (GROSS SQ. FT.):
BUILDING TOTALS:

Existing Community Building:	4,000 SF
Existing American Legion Building:	2,360 SF
Existing Total:	6,360 SF
Community Building Addition:	895 SF
American Legion Addition:	30 SF
Addition Total:	925 SF
Community Building:	4,895 SF
American Legion Building:	2,390 SF
Total:	**7,285 SF**

ALLOWABLE HEIGHTS & AREAS:
Height (Table 504.3):
Allowable: 40'-0"
Actual: 20'-3"; OK
Stories (Table 504.4)
Allowable: 1 story
Actual: 1 story; OK
Allowable Area (Table 506.2 & 506.3.3)
$A_A = A_T + (NS \times I_F)$
A_T = 6,000 SF
NS = 6,000 SF
I_F = 0.75
A_A = 10,500 SF
Allowable Area: 10,500 SF
Actual: 7,245 SF; OK

TRAVEL DISTANCE MAXIMUM (TABLE 1017.2)
200 feet; OK

PLUMBING FIXTURES (TABLE 2902.1):
Required:
(1) toilet per 125 occupants (male)
(1) toilet per 65 occupants (female)
(1) lavatory per 200 each sex
(1) drinking fountain per floor

Total occupant load: 348
Assuming 174 male, 174 female:
(2) toilet & (1) lavatories required for males
(3) toilets & (1) lavatories required for females
Total required: (5) toilets and (2) lavatories
(1) drinking fountain required total
Actual:
Male: (1) exg. toilet, (1) exg. urinal & (2) exg. lavs.
Female: (2) exg. toilets & (2) exg. lavs.
(3) single-user restrooms with (1) toilet & (1) lav. each
Total actual: (6) toilets, (1) urinal, (7) lavs.; OK
(1) drinking fountain; OK

ENERGY CODE ANALYSIS:
Prescriptive Building Envelope Compliance Path:
(ANSI/ASHRAE/IES Standard 90.1-2019 Table 5.5-4)

Climate Zone 4C

Roofs, insulation entire above deck:	R-30 c.i.
Walls, above grade, wood-framed:	R-21
Slab-on-grade floors, unheated:	R-15 for 24"
Opaque doors, swinging:	U-0.37
Windows (13% of walls):	
Fixed:	
U-0.36 max., 0.36 SHGC max., 1.1 VT/SHGC min.	
Operable:	
U-0.45 max., 0.33 SHGC max., 1.1 VT/SHGC min.	

NOTE: CODE PLAN & SUMMARY APPLIES TO BOTH PROJECTS:
PORT ORFORD COMMUNITY BUILDING REMODEL &
AMERICAN LEGION BUILDING REMODEL.

BUILDINGS ARE BEING JOINED AS A RESULT OF THESE PROJECTS.
THEREFORE THEY ARE TREATED AS ONE BUILDING IN THIS CODE SUMMARY.

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT 2840 JOSEPH A. SLACK COOS BAY, OREGON STATE OF OREGON

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD
421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

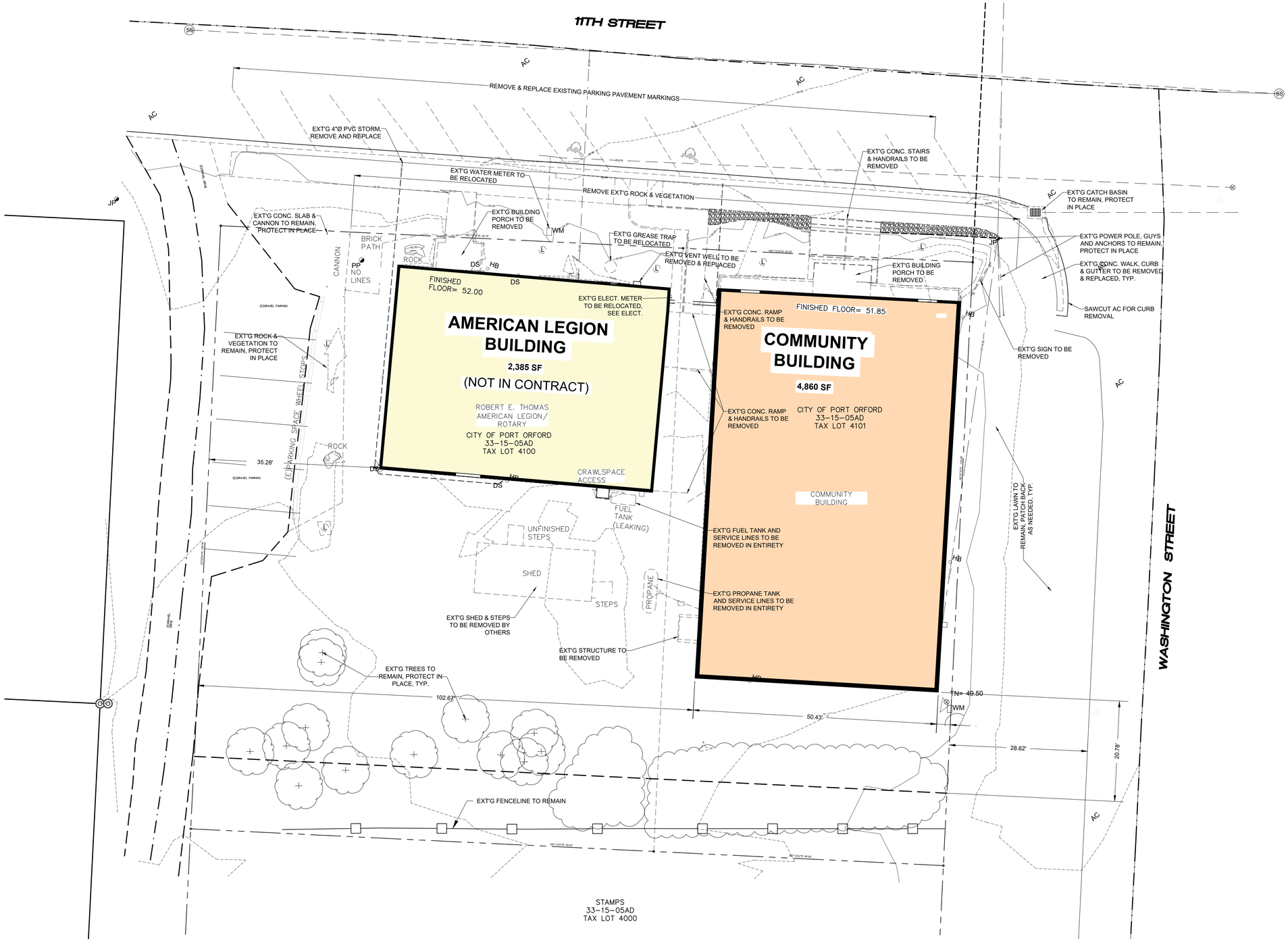
REVISIONS:

#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
CODE SUMMARY

G0.1



TRUE NORTH

1 / A1.0 SCALE: 1" = 10'-0"

SITE DEMO PLAN

HGE ARCHITECTS

333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT
2840
JOSEPH A. SLACK
COOS BAY, OREGON
STATE OF OREGON

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

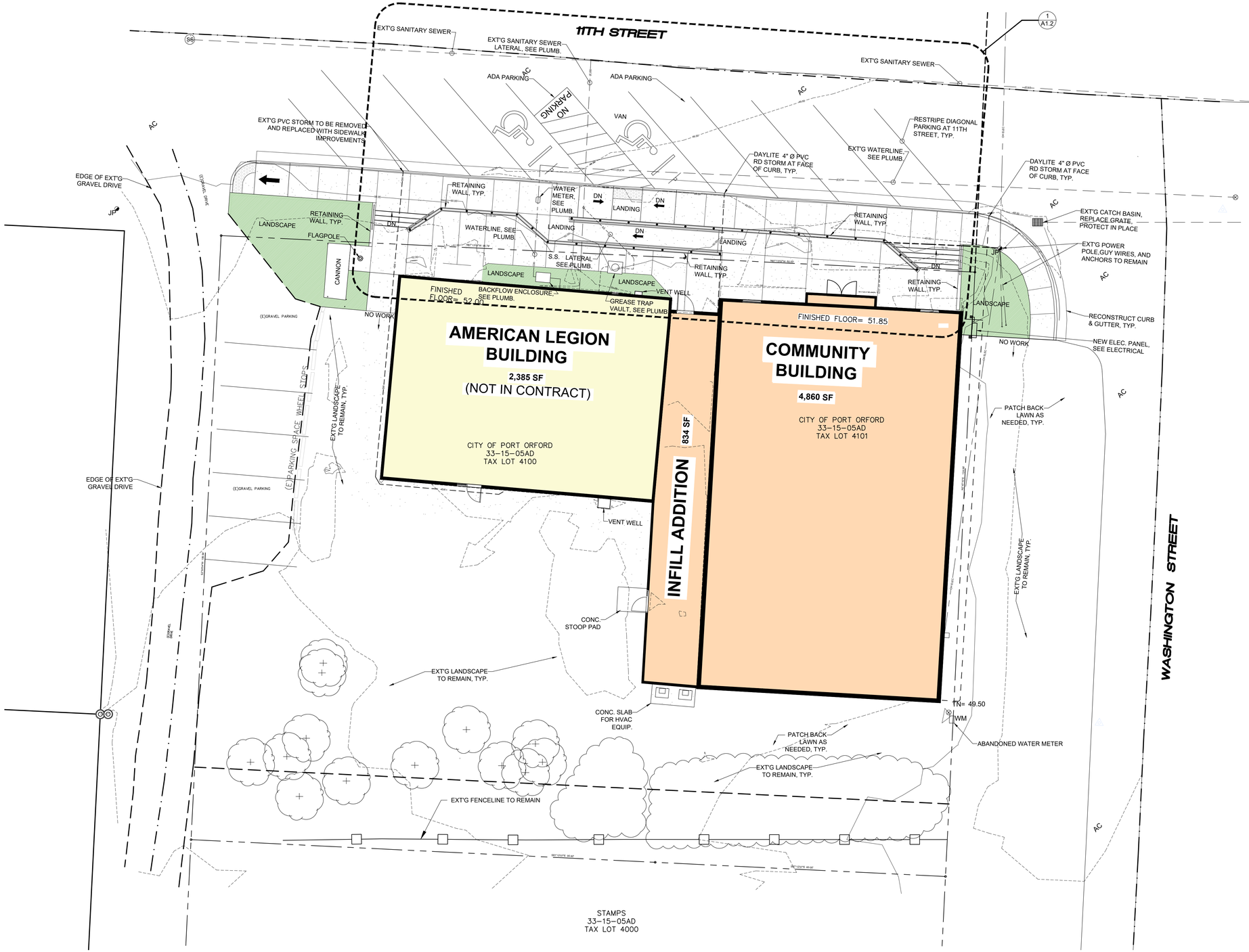
#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
DEMO SITE PLAN

A1.0

UNDERGROUND SERVICE ALERT
call: TOLL FREE
1-800-422-4133
TWO WORKING DAYS BEFORE YOU DIG



TRUE NORTH

1 / A1.1 OVERALL SITE PLAN

SCALE: 1" = 10'-0"

EXISTING LANDSCAPE AREA TO REMAIN

PROPOSED LANDSCAPE AREA

XX.XX EXISTING GRADE

XX.XX PROPOSED GRADE

HGE ARCHITECTS

333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT
2840
JOSEPH A. SLACK
COOS BAY, OREGON
STATE OF OREGON

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

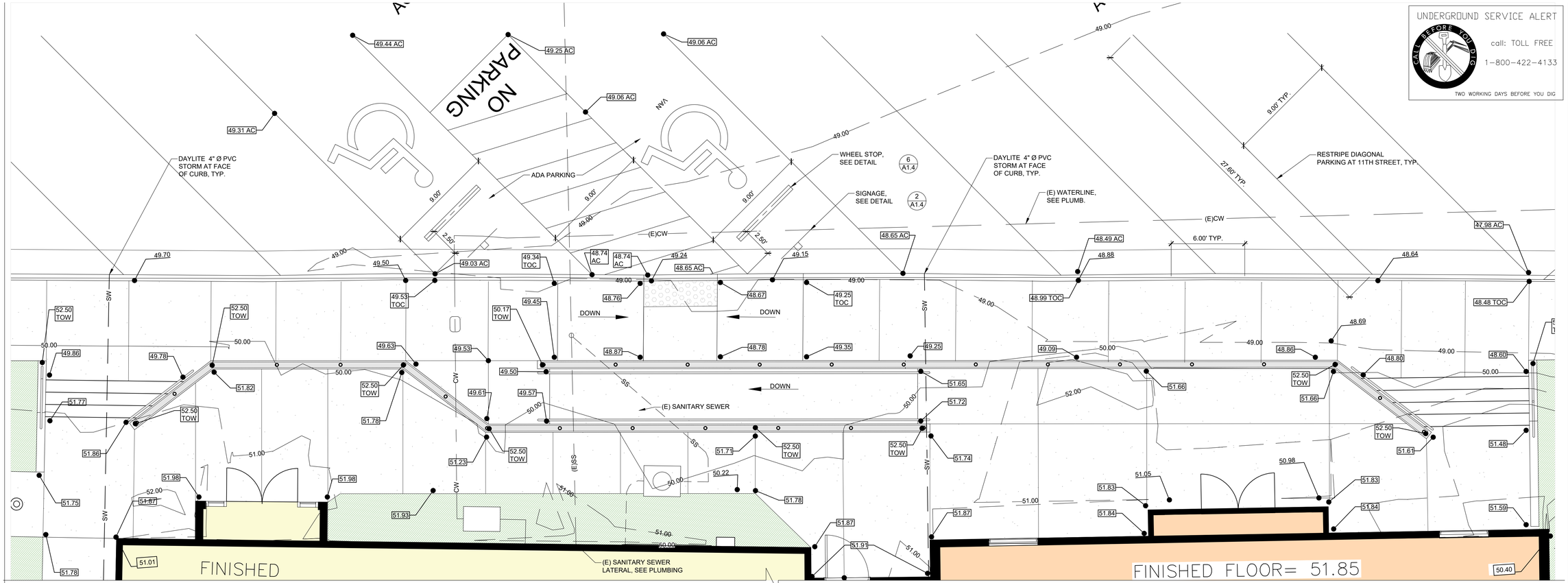
#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
OVERALL SITE PLAN

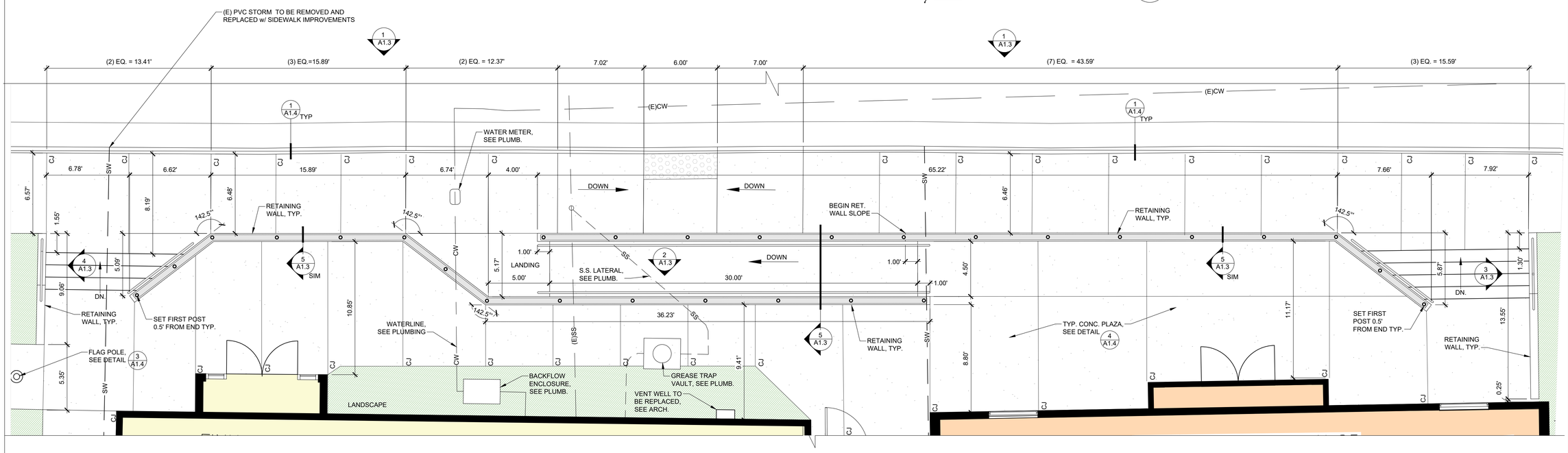
A1.1

UNDERGROUND SERVICE ALERT
call: TOLL FREE
1-800-422-4133
TWO WORKING DAYS BEFORE YOU DIG



2 / A1.2 ENLARGED SITE PLAN - GRADING

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



1 / A1.2 ENLARGED SITE PLAN

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

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT
2840
JOSEPH A. SLACK
COOS BAY, OREGON
STATE OF OREGON

PORT ORFORD COMMUNITY BUILDING REMODEL

PROJECT NO.: **18.27.2**

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

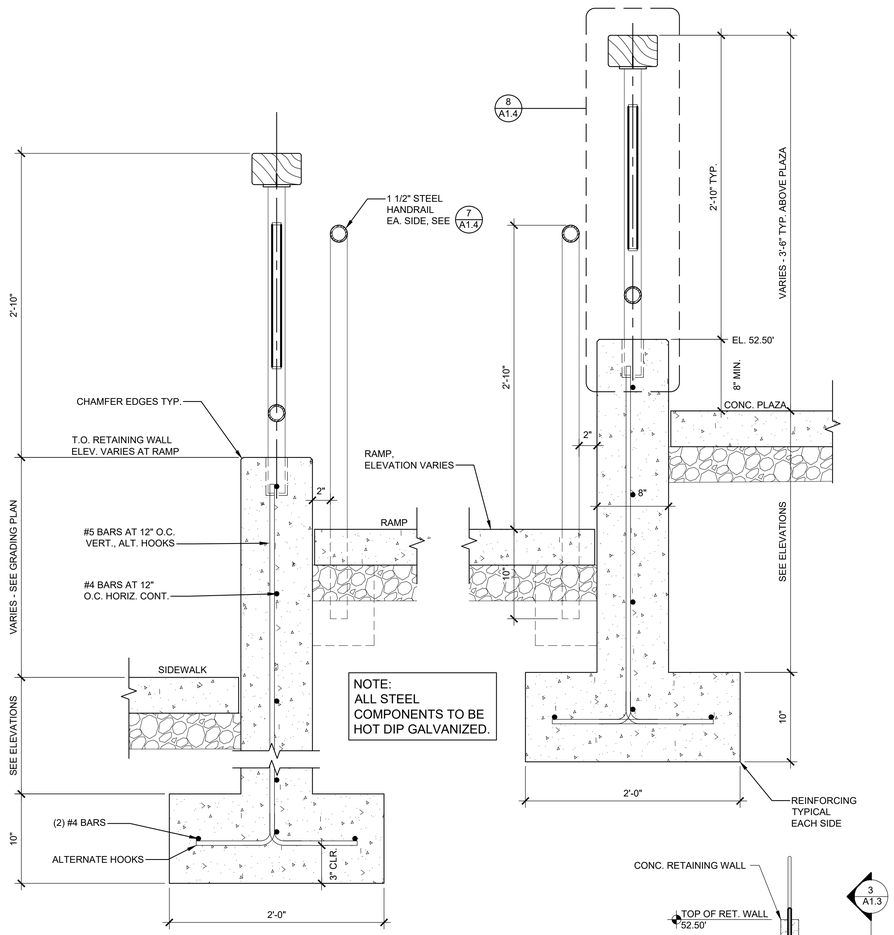
REVISIONS:

#	DATE	DESCRIPTION

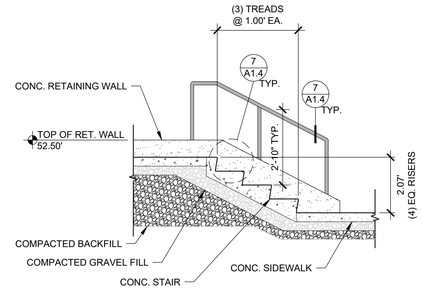
DATE: FEBRUARY 2025

SHEET TITLE:
ENLARGED SITE PLANS

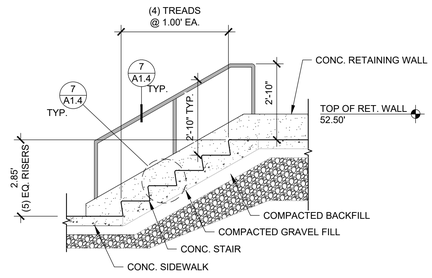
A1.2



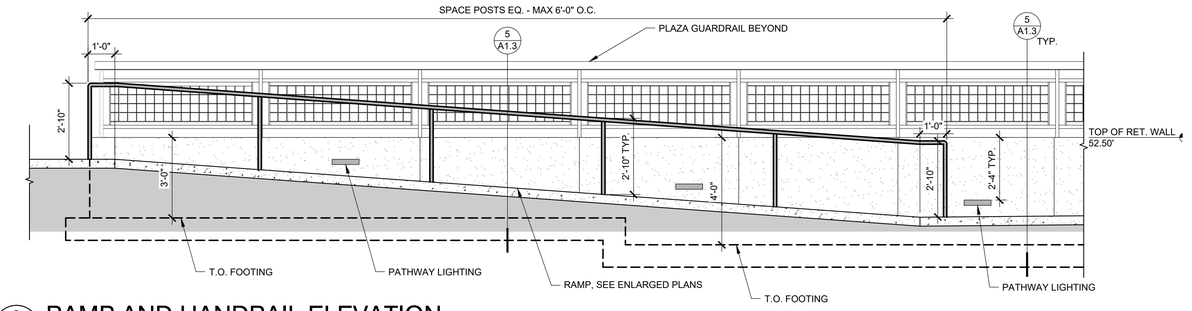
5 A1.3 RAMP SECTION
SCALE: 1 1/2" = 1'-0"



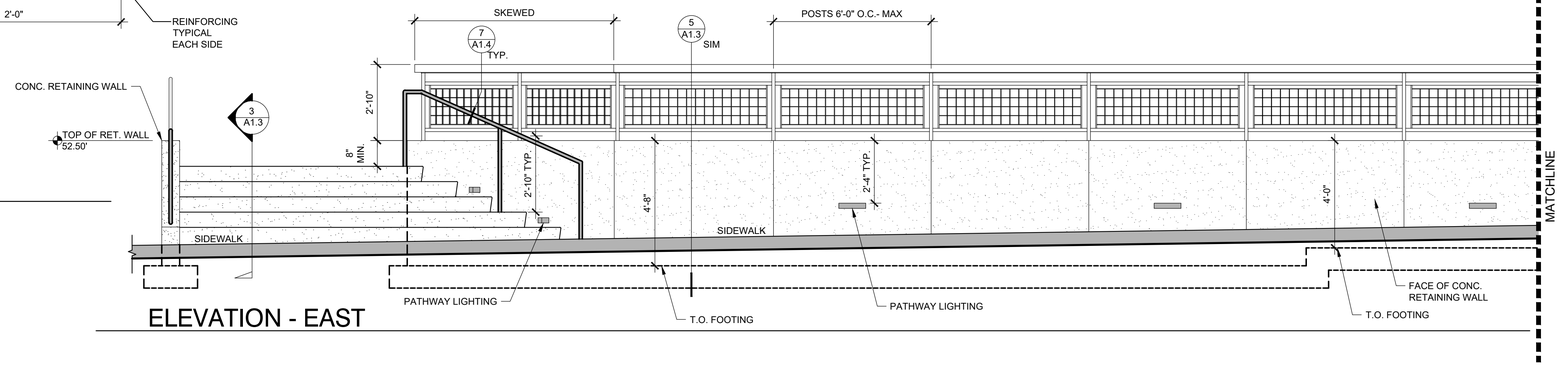
4 A1.3 HANDRAIL/STAIR - WEST
SCALE: 3/8" = 1'-0"



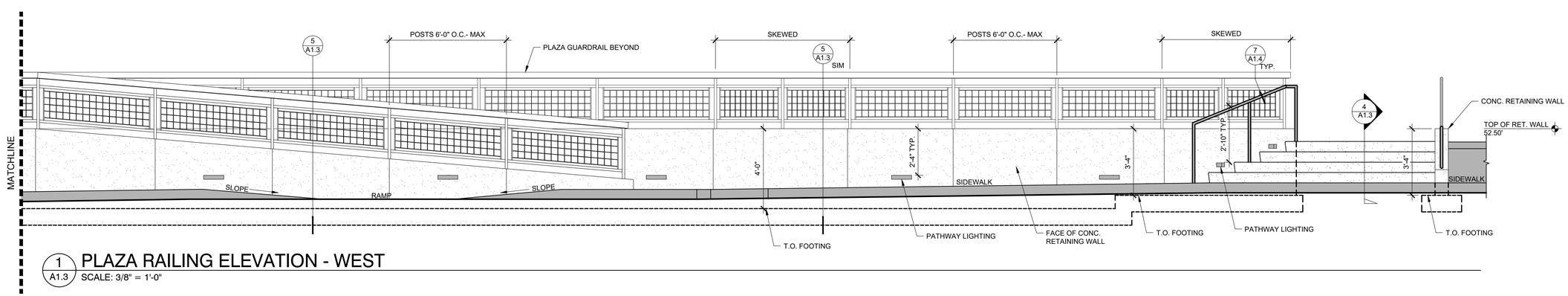
3 A1.3 HANDRAIL/STAIR - EAST
SCALE: 3/8" = 1'-0"



2 A1.3 RAMP AND HANDRAIL ELEVATION
SCALE: 3/8" = 1'-0"



ELEVATION - EAST



1 A1.3 PLAZA RAILING ELEVATION - WEST
SCALE: 3/8" = 1'-0"

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT
2840
JOSEPH A. SLACK
COOS BAY, OREGON
STATE OF OREGON

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

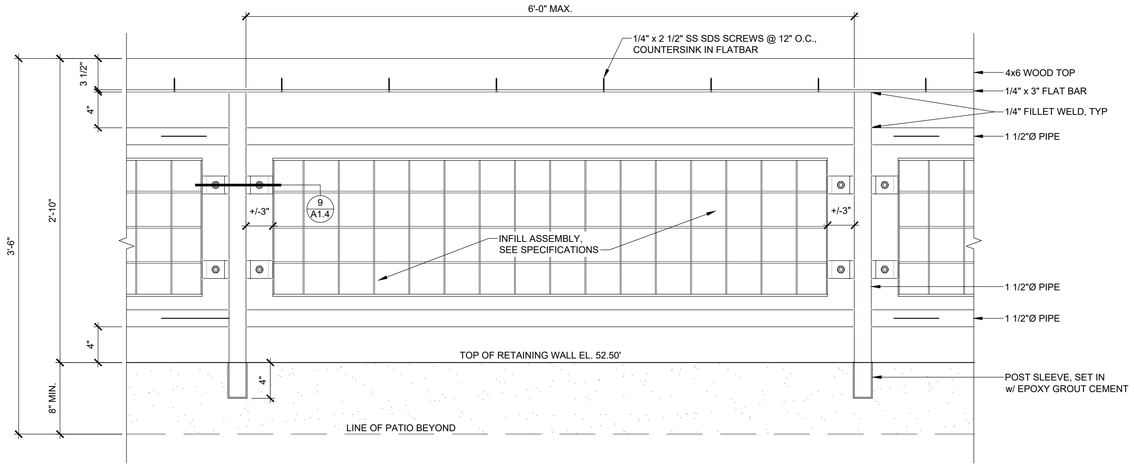
REVISIONS:

#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

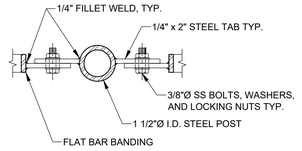
SHEET TITLE:
GUARDRAIL ELEVATIONS

A1.3



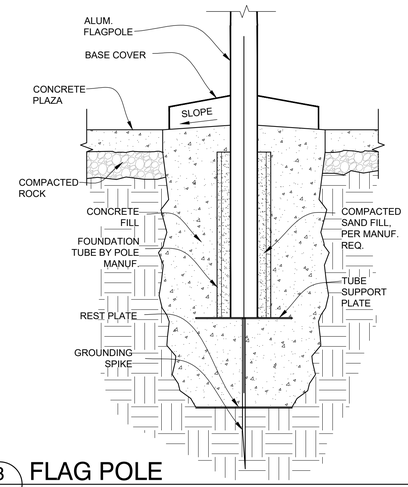
8 A1.4 GUARDRAIL PANEL INFILL

SCALE: 1 1/2" = 1'-0"



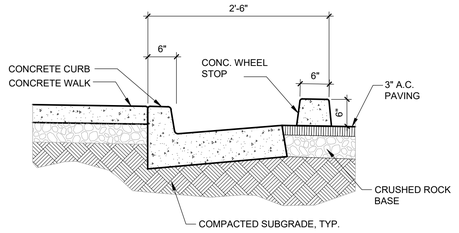
9 A1.4 GUARDRAIL INFILL PANEL CONNECTION

SCALE: 3" = 1'-0"



3 A1.4 FLAG POLE

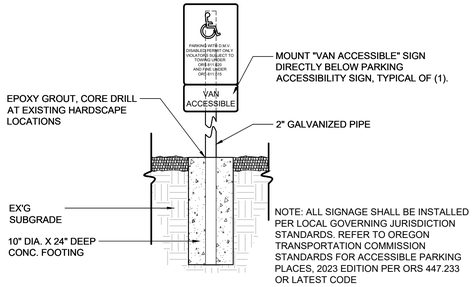
3/4" = 1'-0"



6 A1.4 PARKING STALL BUMPERS

SCALE: NTS

LATEST ADOPTED VERSION: 12" WIDE x 18" HIGH BLUE RETROREFLECTIVE SIGN WITH RETROREFLECTIVE WHITE LETTERS 1" HIGH, WHITE BORDER AND WHITE INT'L. SYMBOL OF ACCESSIBILITY MOUNTED ON 2" STANDARD GALV. PIPE, 7'-0" CLEAR ABOVE ADJACENT GRADE WITH 10" DIA. x 24" DEEP CONC. FOOTING

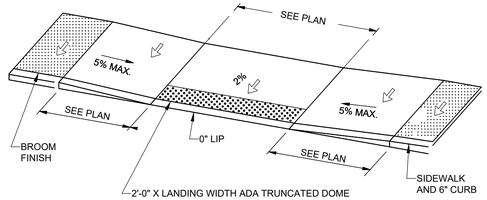


2 A1.4 PARKING ACCESSIBILITY SIGN

SCALE: NTS

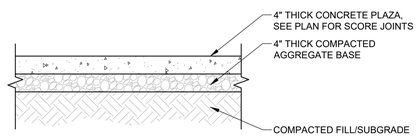
NOTES:

1. ALL CONCRETE SHALL BE MINIMUM OF 4,000 PSI PLACED ON A 4" MINIMUM THICKNESS OF 3/4" TO 0" ROCK BASE, UNLESS SPECIFIED OTHERWISE.
2. REINFORCE CONCRETE WITH #4 REBAR AT 12" ON CENTER EACH WAY.



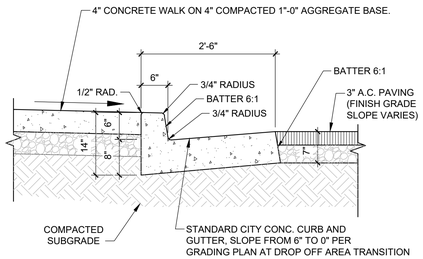
5 A1.4 6" FULLY LOWERED CONC. SIDEWALK RAMP

SCALE: N.T.S.



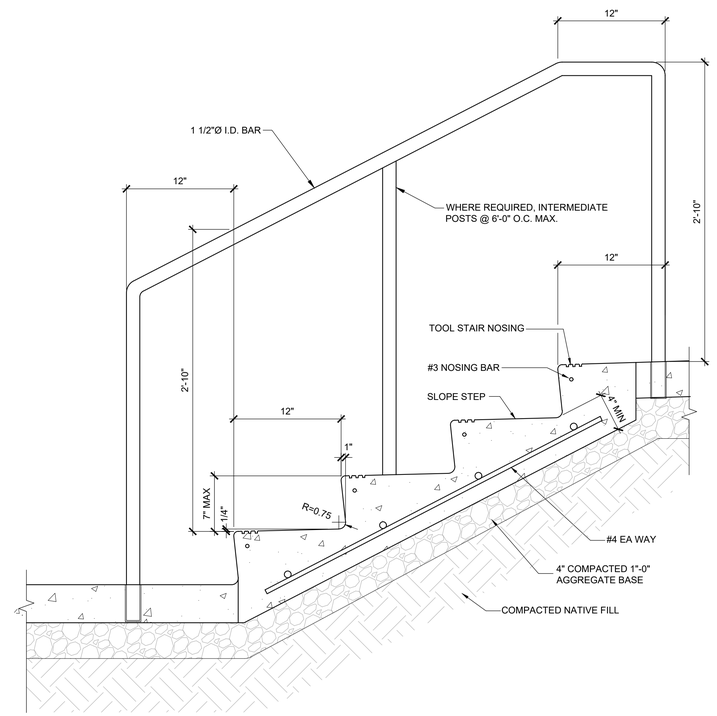
4 A1.4 CONCRETE PLAZA

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



1 A1.4 STD. CURB & SIDEWALK

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



7 A1.4 STEP /HANDRAIL DETAIL

1 1/2" = 1'-0"

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT
2840
JOSEPH A. SLACK
COOS BAY, OREGON
STATE OF OREGON

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

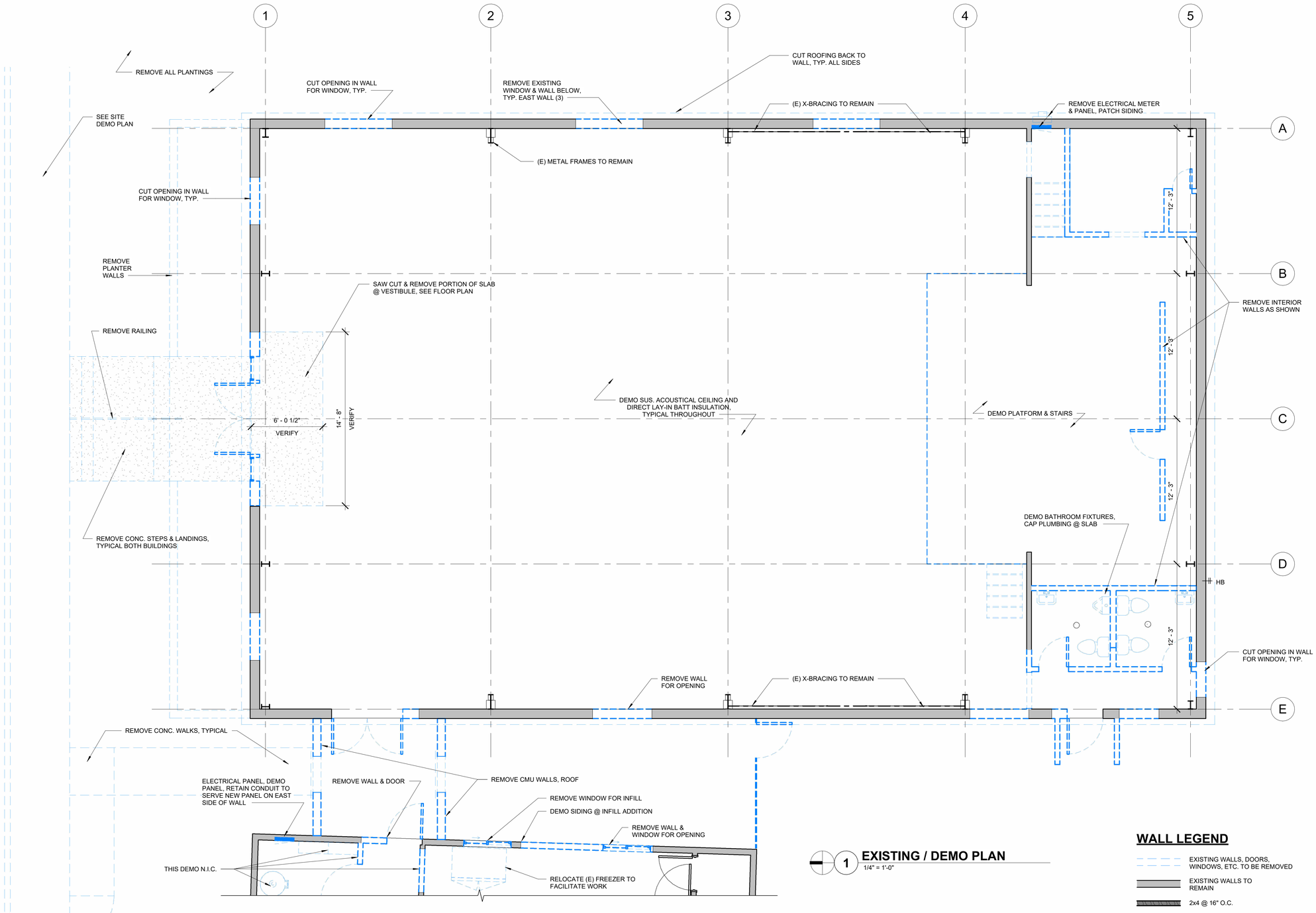
REVISIONS:

#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
SITE DETAILS

A1.4



1 EXISTING / DEMO PLAN
1/4" = 1'-0"

WALL LEGEND

- EXISTING WALLS, DOORS, WINDOWS, ETC. TO BE REMOVED
- EXISTING WALLS TO REMAIN
- 2x4 @ 16" O.C.
- 2x6 @ 16" O.C.
- SHEAR WALLS, SEE STRUCTURAL
- CLEAR FLOOR AREA

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT
2840
JOSEPH A. SLACK
COOS BAY, OREGON
STATE OF OREGON

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD
421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

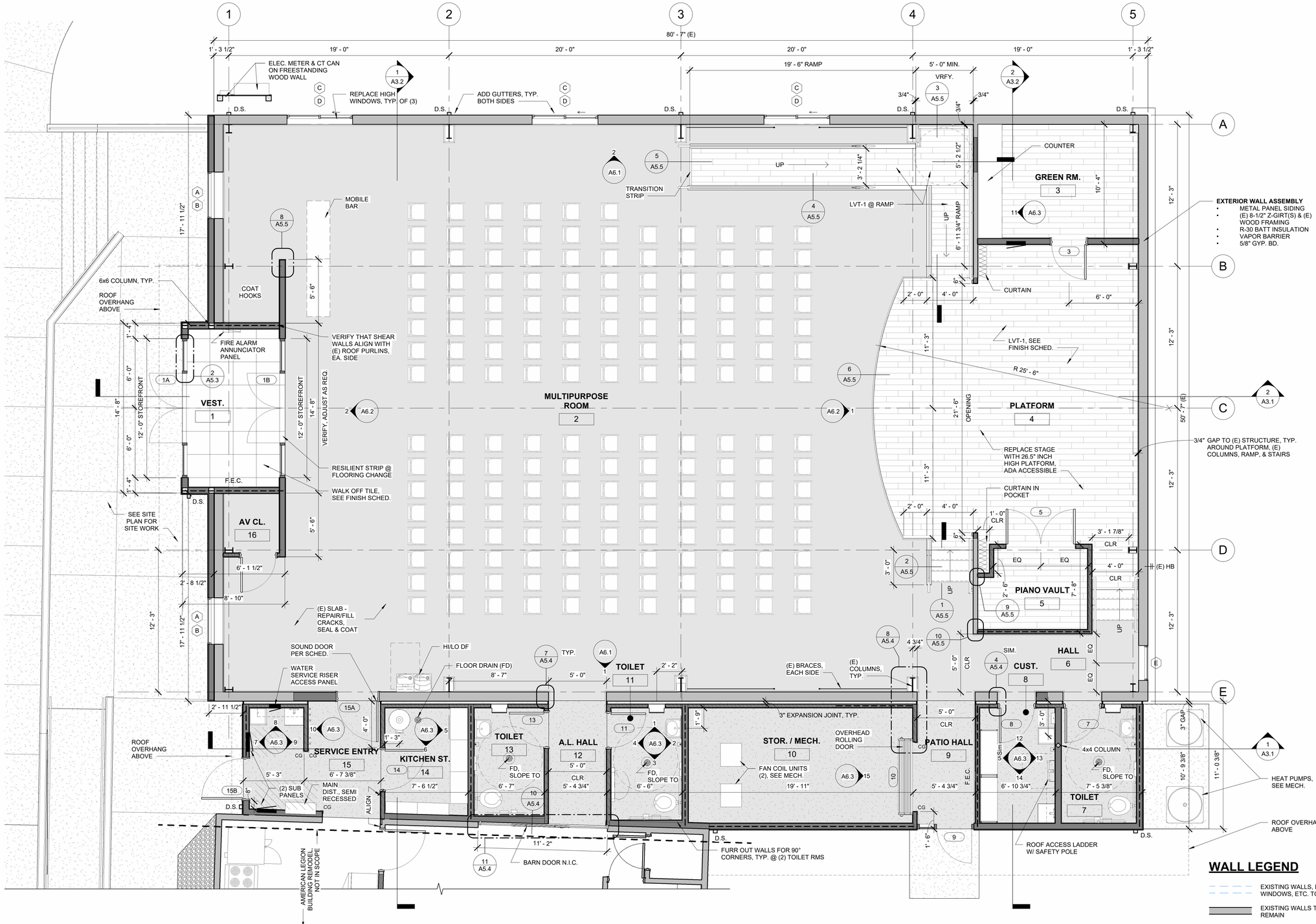
#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
EXISTING / DEMO PLAN

A2.0

2/4/2025 5:00:43 PM C:\Users\HGE-Dominic\Documents\Port Orford Community Building R25_dlbrieG4QPE.rvt



1 FLOOR PLAN - COMMUNITY BUILDING
1/4" = 1'-0"

WALL LEGEND

- EXISTING WALLS, DOORS, WINDOWS, ETC. TO BE REMOVED
- EXISTING WALLS TO REMAIN
- 2x4 @ 16" O.C.
- 2x6 @ 16" O.C.
- SHEAR WALLS, SEE STRUCTURAL
- CLEAR FLOOR AREA

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT
2840
JOSEPH A. SLACK
COOS BAY, OREGON
STATE OF OREGON

PORT ORFORD COMMUNITY BUILDING REMODEL

PROJECT NO.: 18.27.2
CITY OF PORT ORFORD
421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

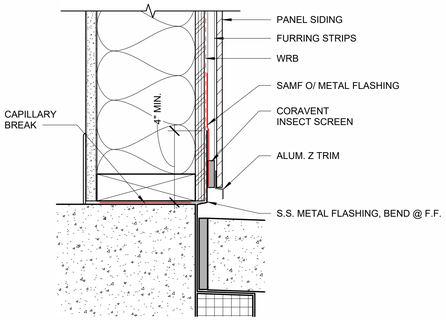
REVISIONS:

#	DATE	DESCRIPTION

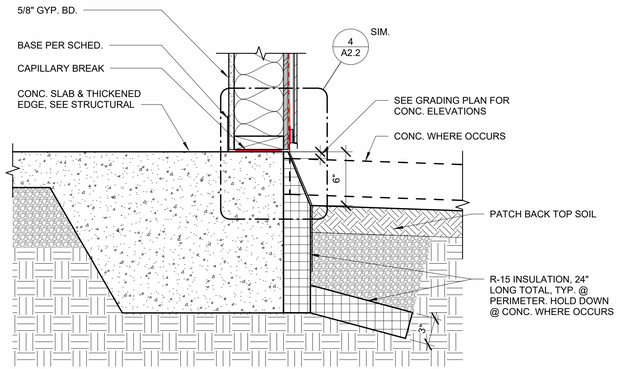
DATE: FEBRUARY 2025

SHEET TITLE:
FLOOR PLAN

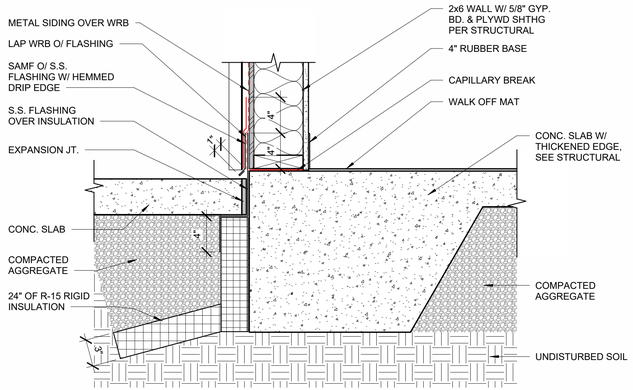
A2.1



4 BOTTOM OF RAINSCREEN
3" = 1'-0"



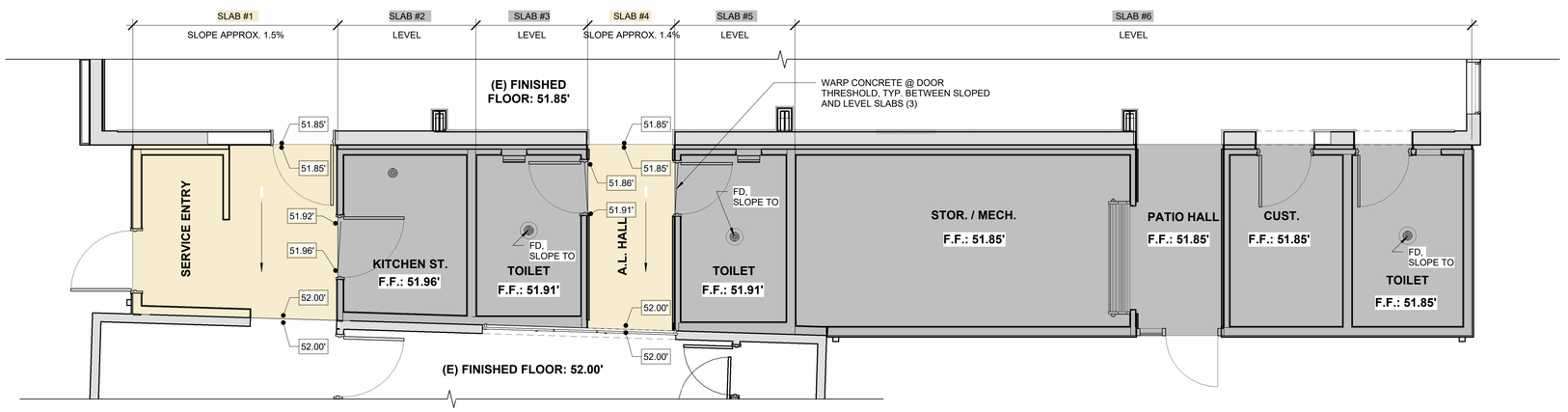
3 FOUNDATION @ INFILL ADDITION
1 1/2" = 1'-0"



2 VESTIBULE WALL @ METAL PANEL SIDING
1 1/2" = 1'-0"

LEGEND

- SLOPED SLAB
- LEVEL SLAB
- 52.00' TARGET ELEVATION



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

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT
2840
JOSEPH A. SLACK
COOS BAY, OREGON
STATE OF OREGON

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD
421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

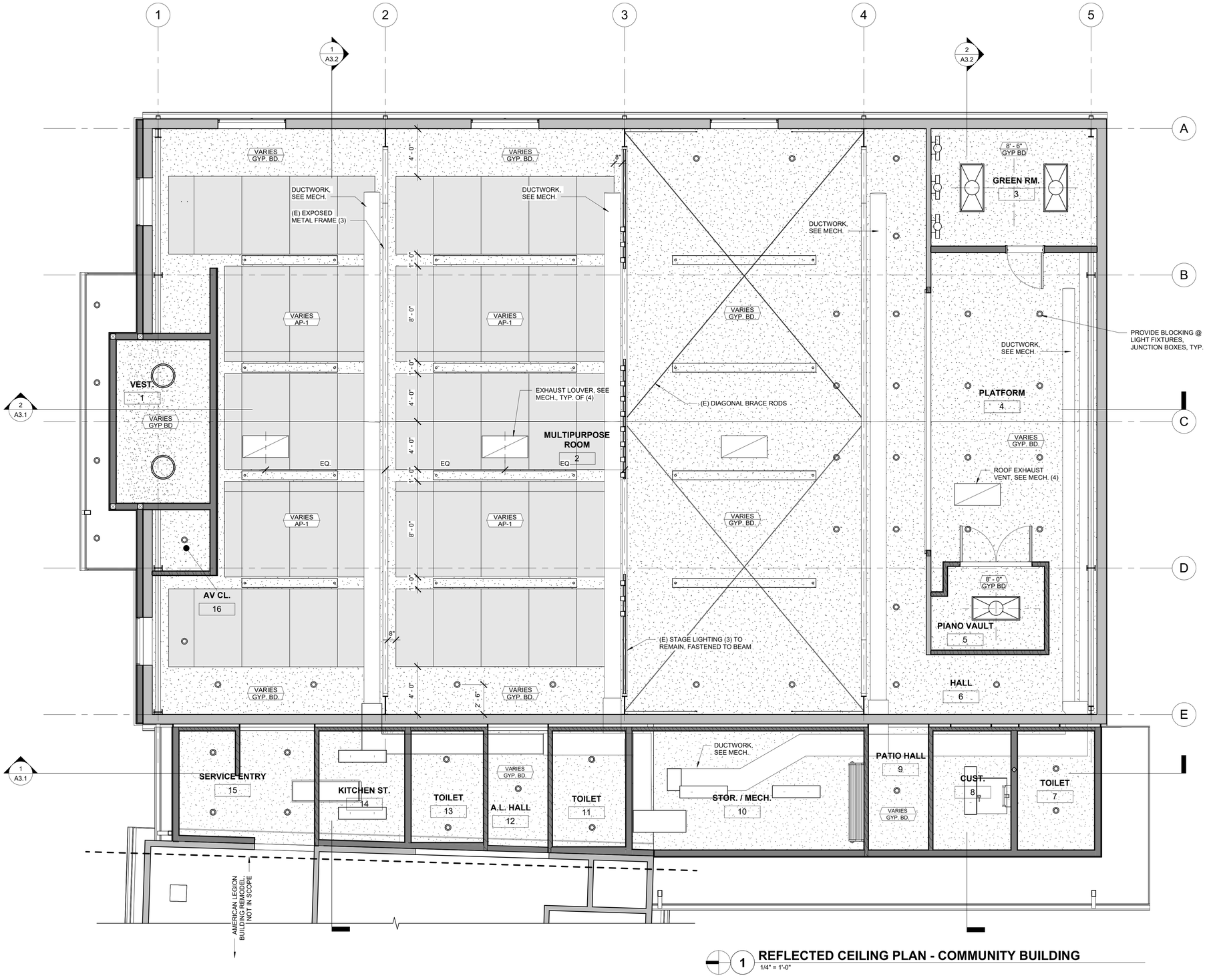
REVISIONS:

#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
SLAB PLAN & DETAILS

A2.2



CEILING LEGEND

- GYP. BOARD CEILING
- ADHERED ACOUSTIC PANELS
- LIGHT FIXTURES, SEE ELECTRICAL.
- SUPPLY AND EXHAUST GRILLES, SEE MECHANICAL.

WALL LEGEND

- EXISTING WALLS, DOORS, WINDOWS, ETC. TO BE REMOVED
- EXISTING WALLS TO REMAIN
- 2x4 @ 16" O.C.
- 2x6 @ 16" O.C.
- SHEAR WALLS, SEE STRUCTURAL
- CLEAR FLOOR AREA

1 REFLECTED CEILING PLAN - COMMUNITY BUILDING
1/4" = 1'-0"

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT 2840 JOSEPH A. SLACK COOS BAY, OREGON STATE OF OREGON

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD
421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

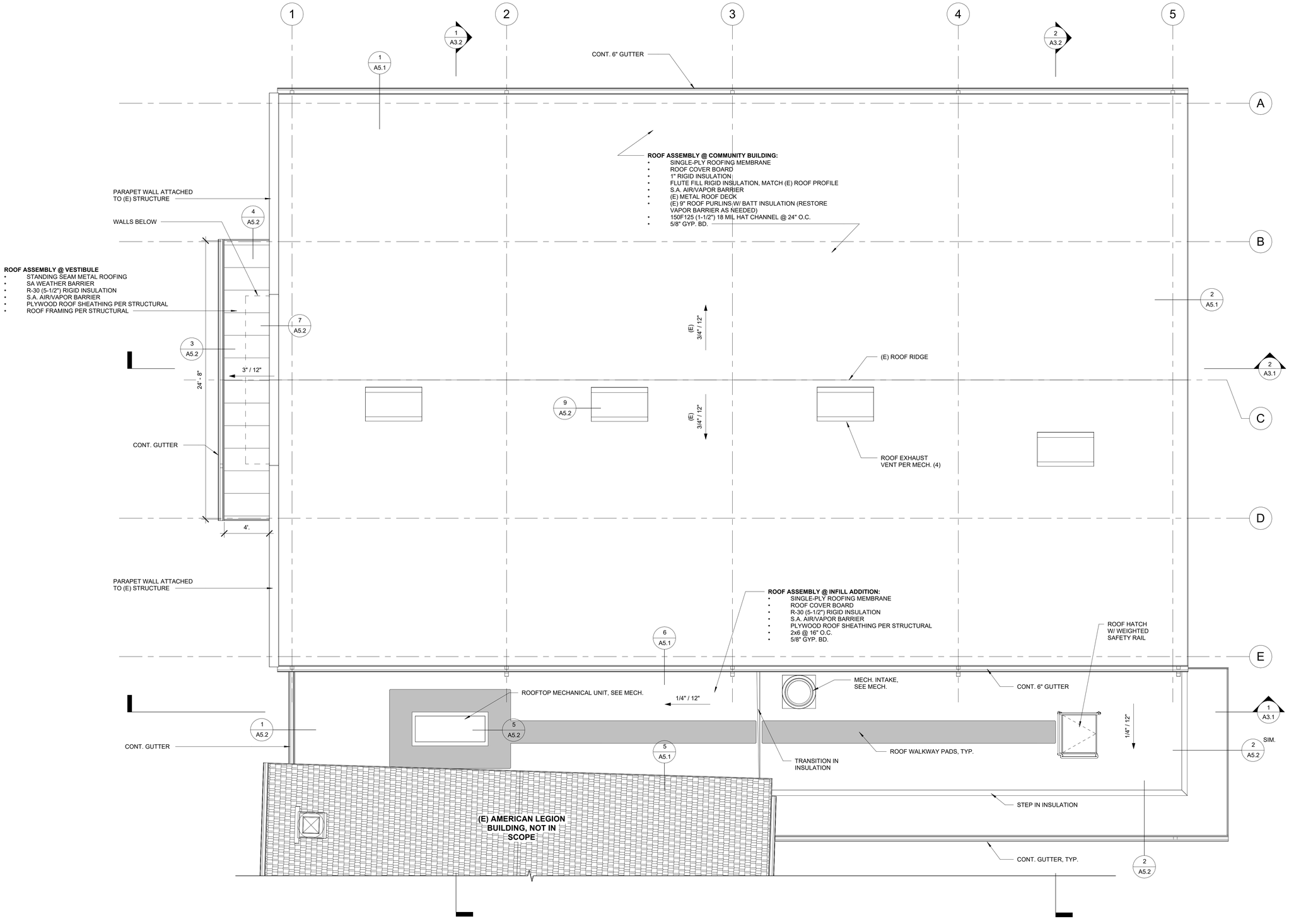
REVISIONS:

#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
REFLECTED CEILING PLAN

A2.3



HGE ARCHITECTS

333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT
2840
JOSEPH A. SLACK
COOS BAY, OREGON
STATE OF OREGON

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

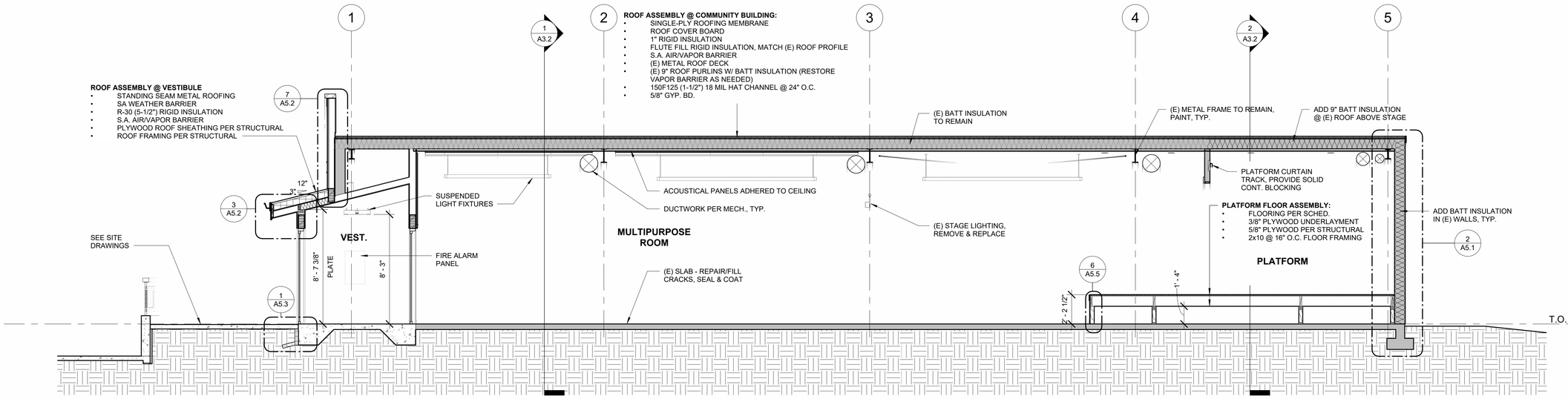
REVISIONS:

#	DATE	DESCRIPTION

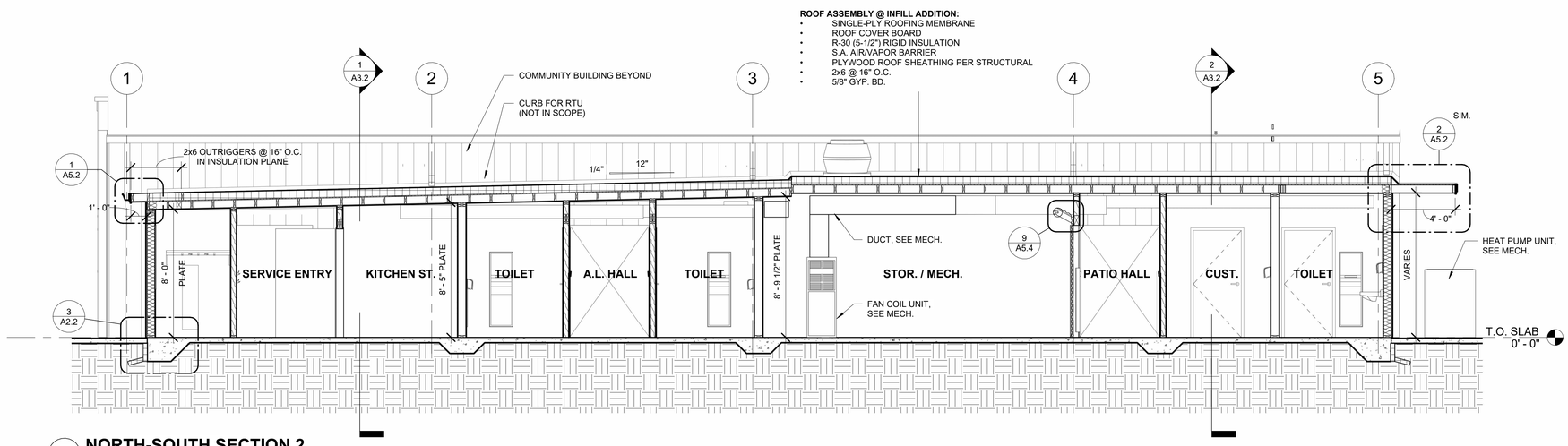
DATE: FEBRUARY 2025

SHEET TITLE:
ROOF PLAN

A2.4



2 NORTH-SOUTH SECTION 1
1/4" = 1'-0"



1 NORTH-SOUTH SECTION 2
1/4" = 1'-0"

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT 2840 JOSEPH A. SLACK COOS BAY, OREGON STATE OF OREGON

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD
421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

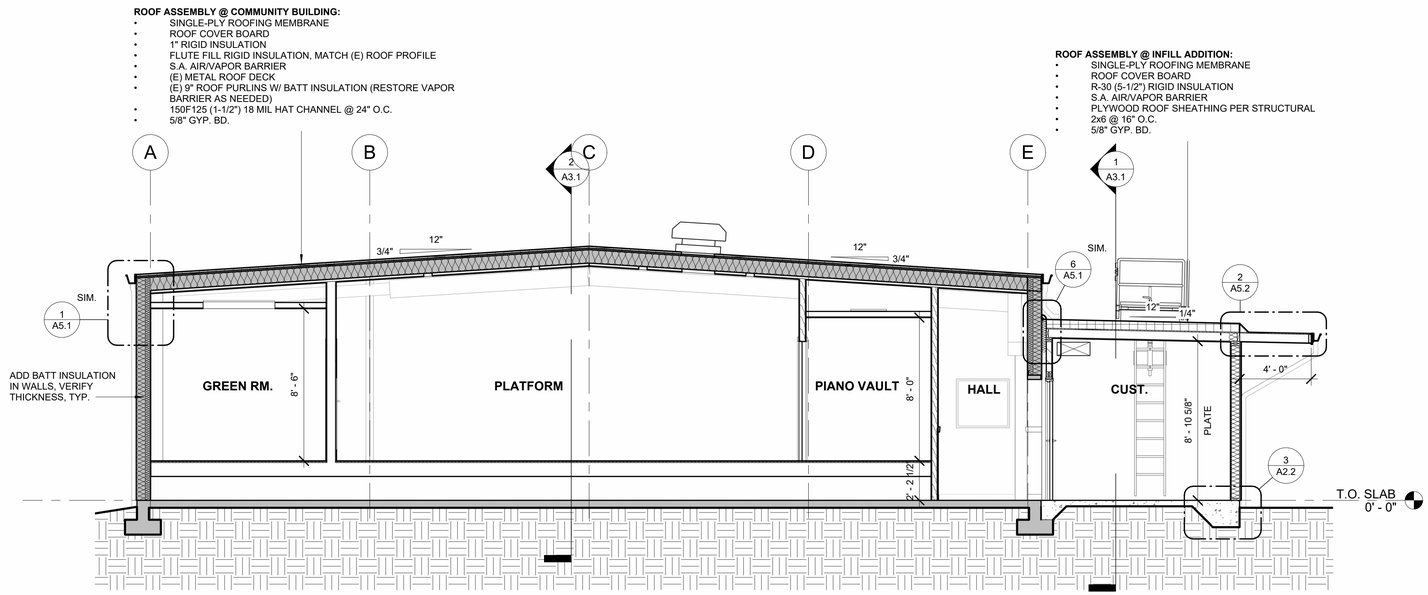
REVISIONS:

#	DATE	DESCRIPTION

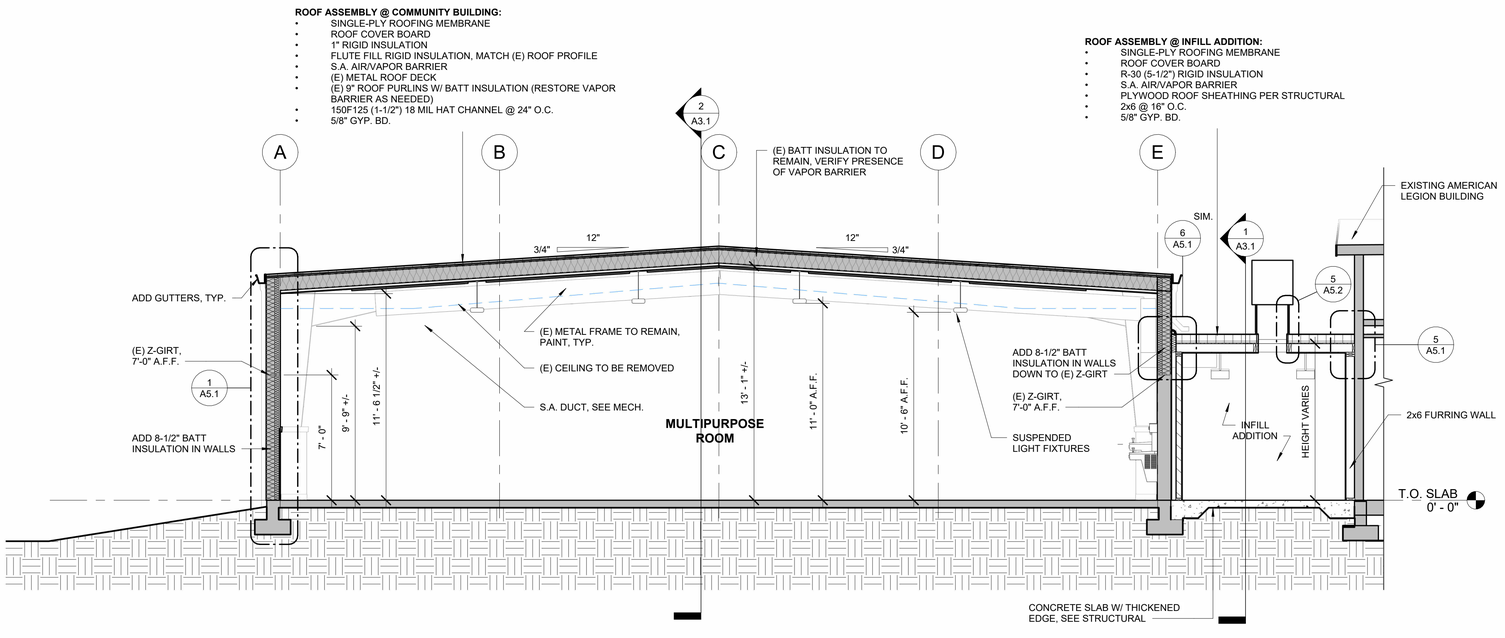
DATE: FEBRUARY 2025

SHEET TITLE:
BUILDING SECTIONS

A3.1



2 **EAST-WEST SECTION 2**
1/4" = 1'-0"



1 **EAST-WEST SECTION 1**
1/4" = 1'-0"

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT 2840 JOSEPH A. SLACK COOS BAY, OREGON STATE OF OREGON

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD
421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

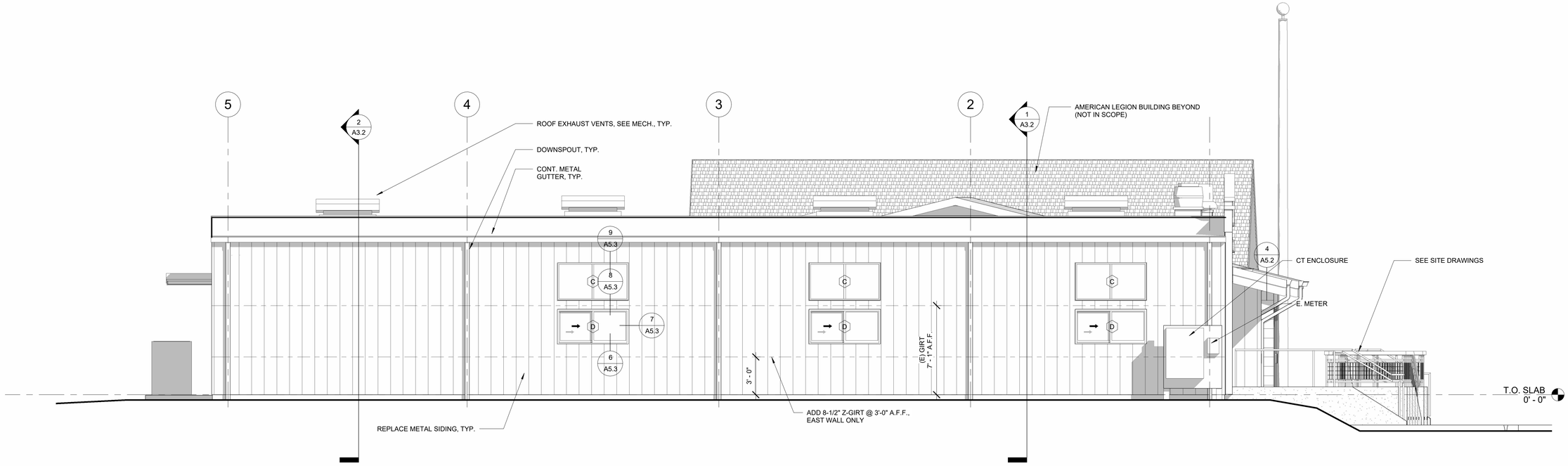
REVISIONS:

#	DATE	DESCRIPTION

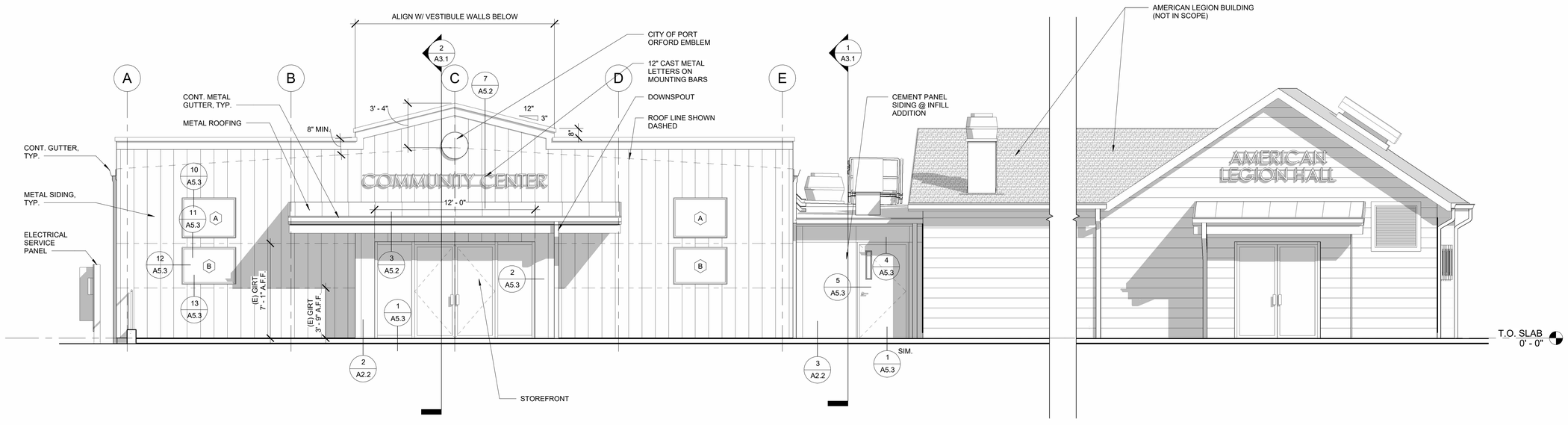
DATE: FEBRUARY 2025

SHEET TITLE:
BUILDING SECTIONS

A3.2



2 EAST ELEVATION
1/4" = 1'-0"



1 NORTH ELEVATION
1/4" = 1'-0"

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT
2840
JOSEPH A. SLACK
COOS BAY, OREGON
STATE OF OREGON

PORT ORFORD COMMUNITY BUILDING REMODEL

PROJECT NO.: **18.27.2**
CITY OF PORT ORFORD
421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

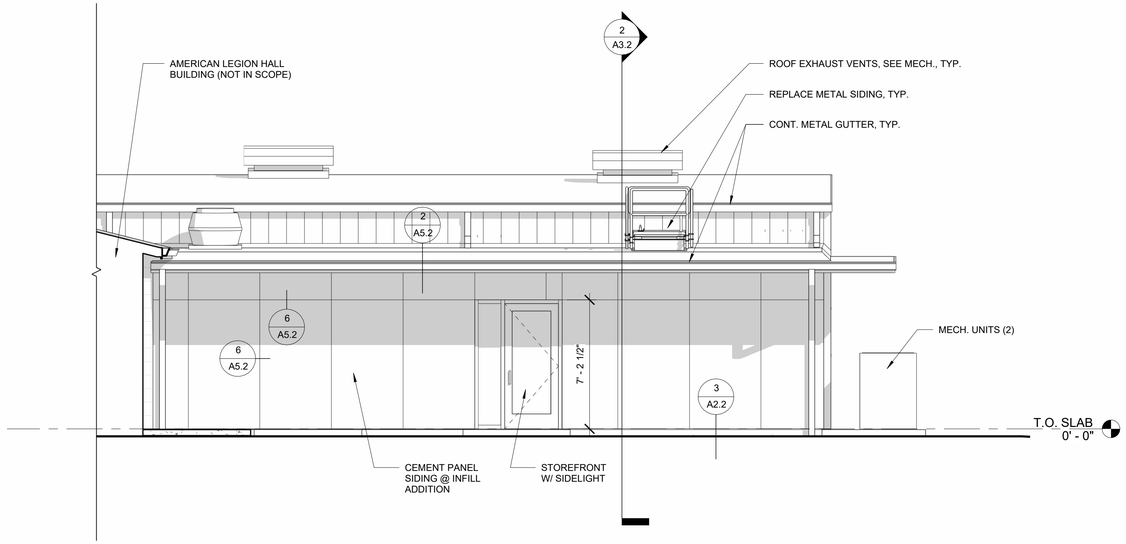
#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
EXTERIOR ELEVATIONS

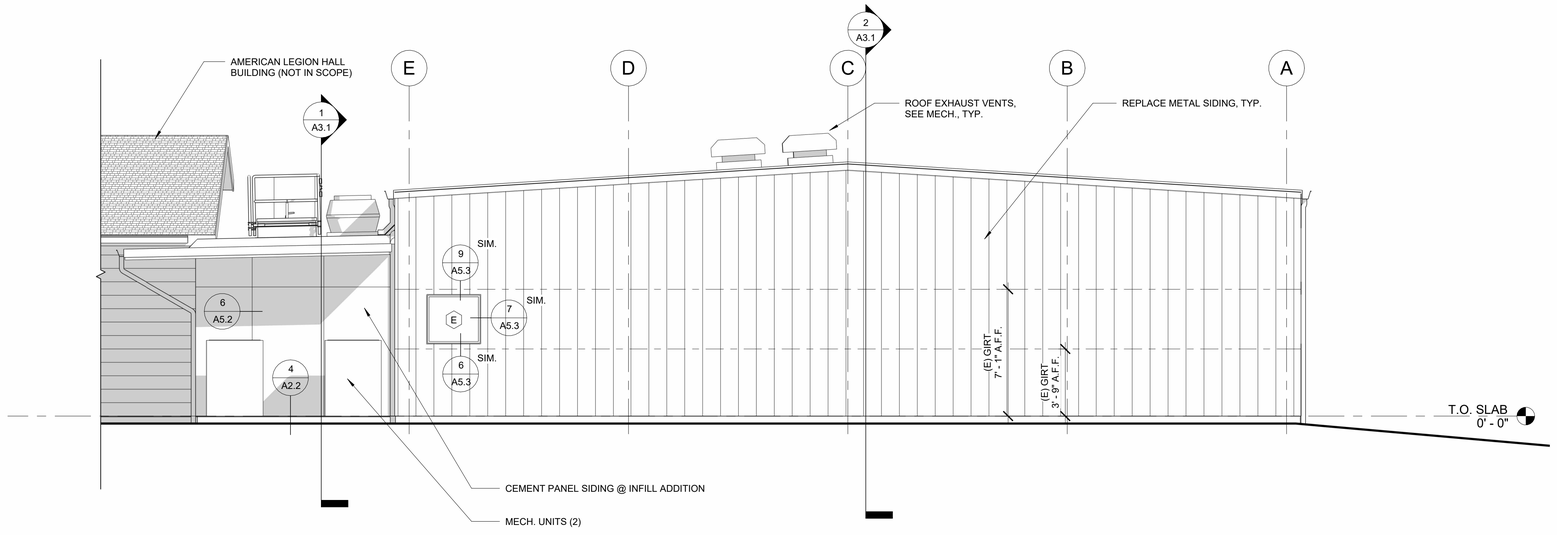
A4.1

SEE 1/A3.1 FOR CONTINUATION



2 WEST ELEVATION

1/4" = 1'-0"



1 SOUTH ELEVATION

1/4" = 1'-0"

HGE ARCHITECTS

333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT
2840
JOSEPH A. SLACK
COOS BAY, OREGON
STATE OF OREGON

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

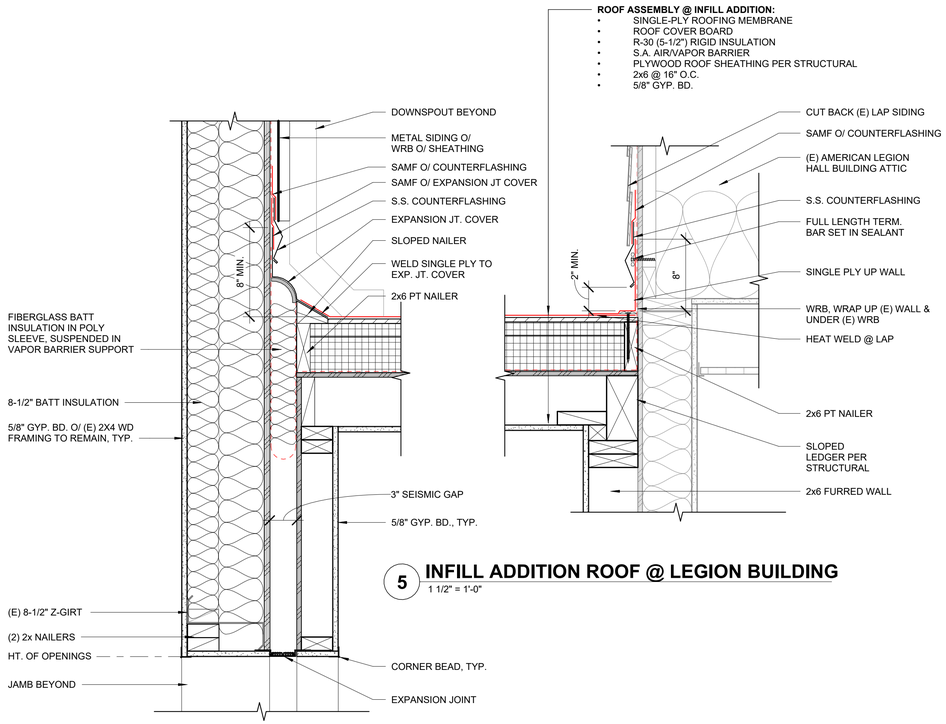
#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:

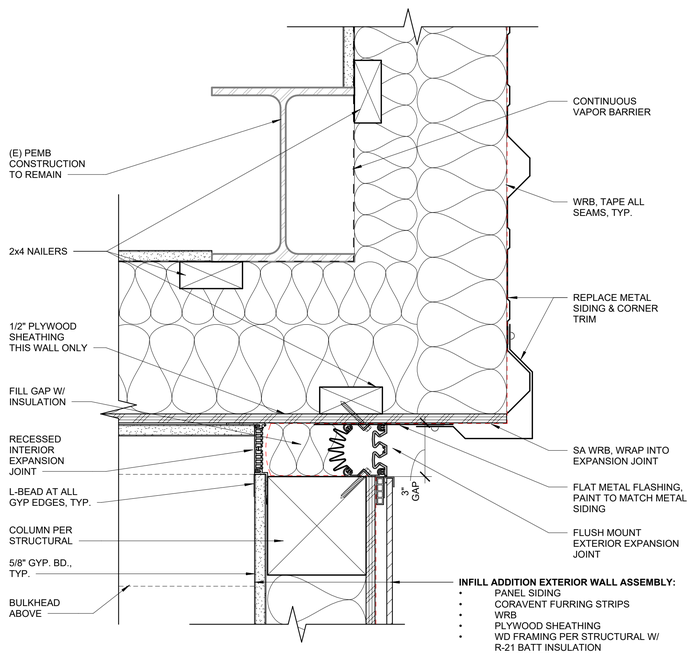
EXTERIOR ELEVATIONS

A4.2



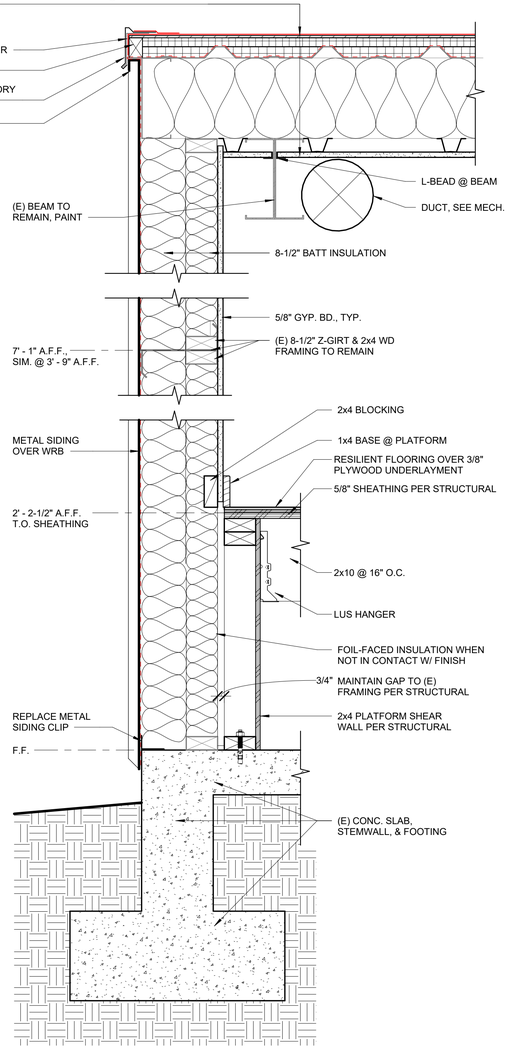
5 INFILL ADDITION ROOF @ LEGION BUILDING
1 1/2" = 1'-0"

6 BULKHEAD AT INFILL OPENING
1 1/2" = 1'-0"



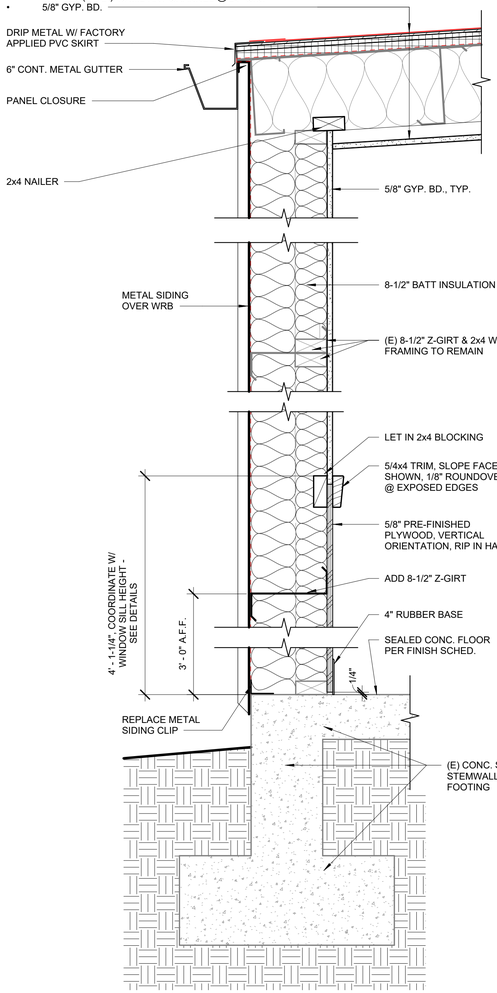
7 EXPANSION JT @ EXTERIOR WALL - PLAN VIEW
3" = 1'-0"

ROOF ASSEMBLY @ COMMUNITY BUILDING:
- SINGLE-PLY ROOFING MEMBRANE
- ROOF COVER BOARD
- 1" RIGID INSULATION
- FLUTE FILL RIGID INSULATION, MATCH (E) ROOF PROFILE
- S.A. AIR/VAPOR BARRIER
- (E) METAL ROOF DECK
- (E) 9" ROOF PURLINS W/ BATT INSULATION (RESTORE VAPOR BARRIER AS NEEDED)
- 150F125 (1-1/2") 18 MIL HAT CHANNEL @ 24" O.C.
- 5/8" GYP. BD.



2 WALL SECTION - SOUTH WALL
1 1/2" = 1'-0"

ROOF ASSEMBLY @ COMMUNITY BUILDING:
- SINGLE-PLY ROOFING MEMBRANE
- ROOF COVER BOARD
- 1" RIGID INSULATION
- FLUTE FILL RIGID INSULATION, MATCH (E) ROOF PROFILE
- S.A. AIR/VAPOR BARRIER
- (E) METAL ROOF DECK
- (E) 9" ROOF PURLINS W/ BATT INSULATION (RESTORE VAPOR BARRIER AS NEEDED)
- 150F125 (1-1/2") 18 MIL HAT CHANNEL @ 24" O.C.
- 5/8" GYP. BD.



1 WALL SECTION - EAST WALL
1 1/2" = 1'-0"

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT 2840 JOSEPH A. SLACK COOS BAY, OREGON STATE OF OREGON

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD
421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

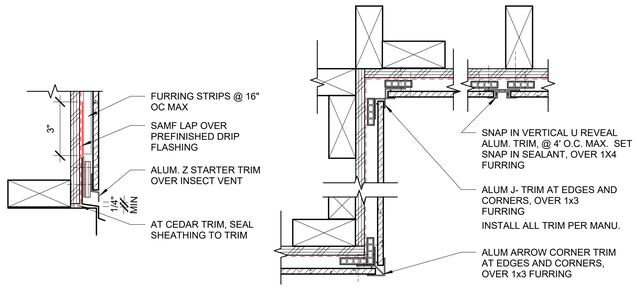
REVISIONS:

#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
EXTERIOR DETAILS

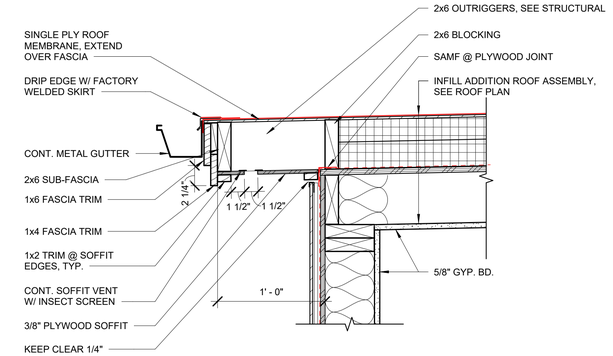
A5.1



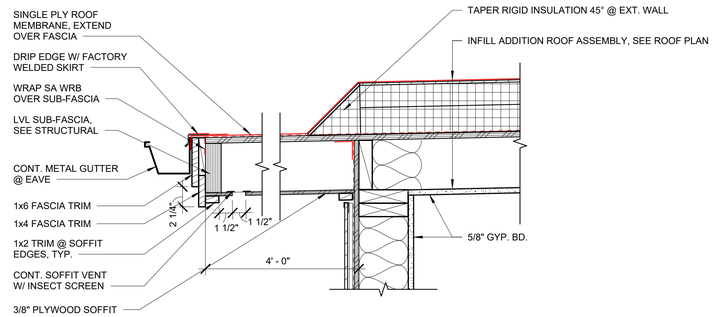
IN SECTION:
ALUM. TRIM AT SILL / BOTTOM OF FIBER CEMENT PANEL WALL. WINDOW HEAD SIM.

ALUM. TRIMS IN PLAN

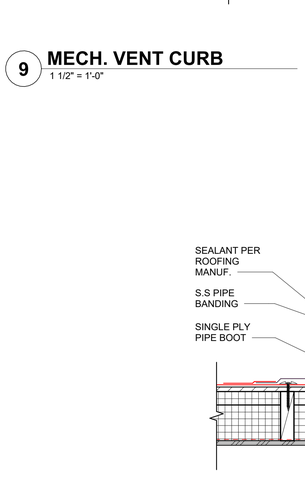
6 FIBER CEMENT PANEL ALUM. TRIM
3" = 1'-0"



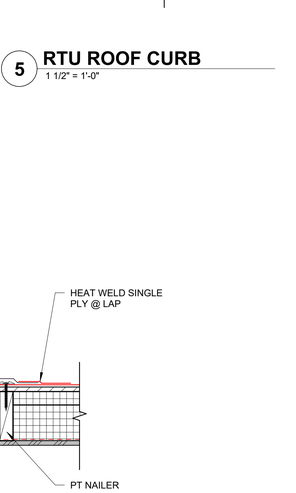
1 EAVE @ SERVICE ENTRY
1 1/2" = 1'-0"



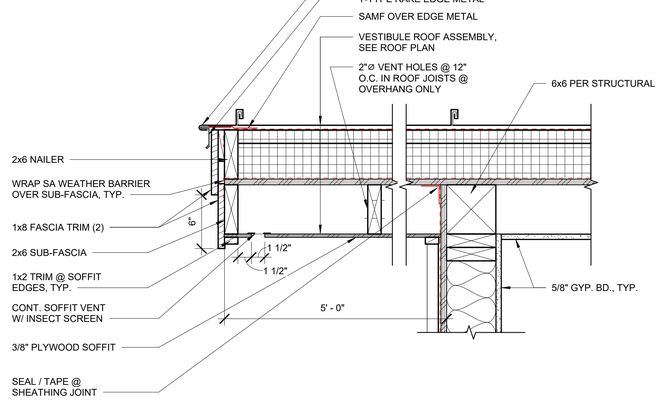
2 EAVE @ INFILL ADDITION, RAKE SIM.
1 1/2" = 1'-0"



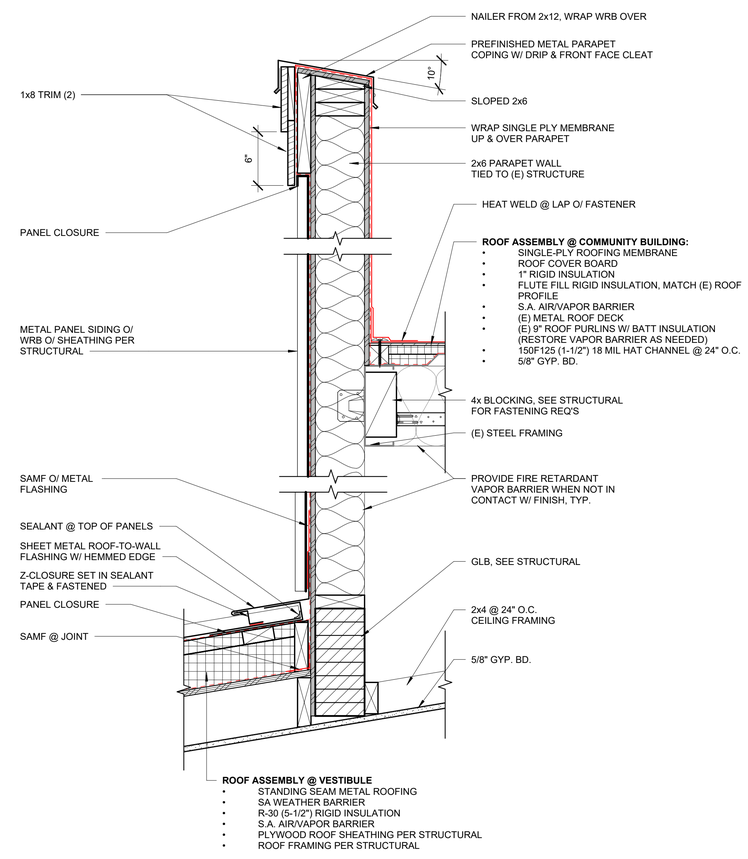
9 MECH. VENT CURB
1 1/2" = 1'-0"



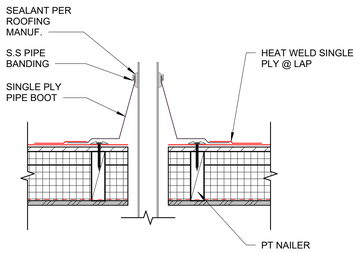
5 RTU ROOF CURB
1 1/2" = 1'-0"



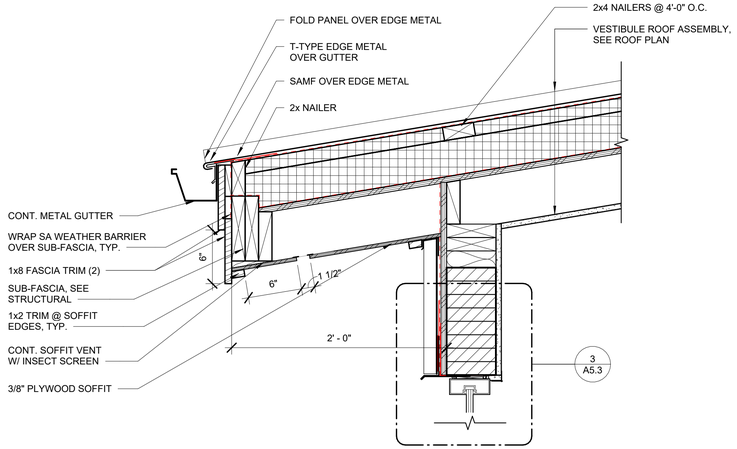
4 RAKE @ VESTIBULE
1 1/2" = 1'-0"



7 WALL SECTION @ PARAPET
1 1/2" = 1'-0"



8 VENT PIPE DETAIL
1 1/2" = 1'-0"



3 EAVE @ VESTIBULE
1 1/2" = 1'-0"

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT
2840
JOSEPH A. SLACK
COOS BAY, OREGON
STATE OF OREGON

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD
421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

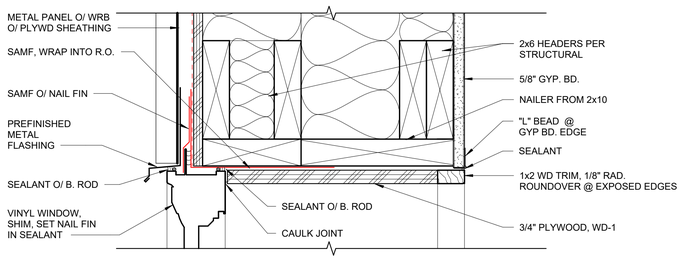
REVISIONS:

#	DATE	DESCRIPTION

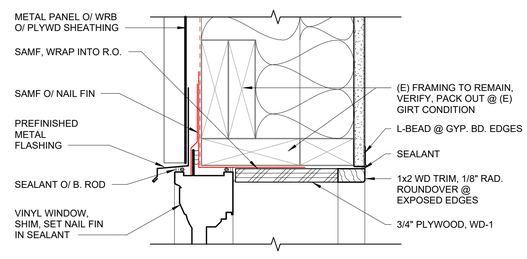
DATE: FEBRUARY 2025

SHEET TITLE:
EXTERIOR DETAILS

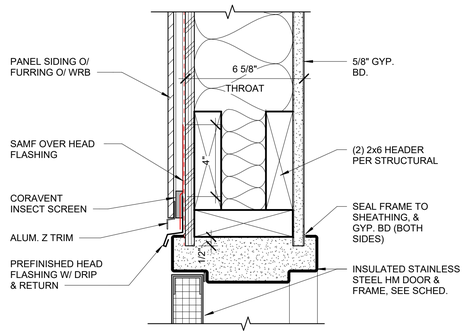
A5.2



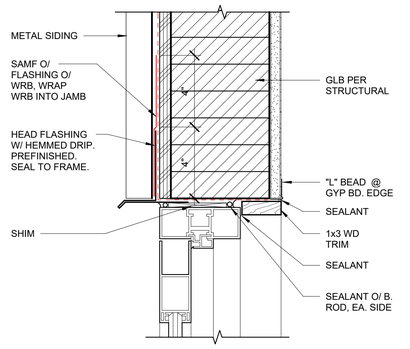
10 WINDOW HEAD @ NORTH WALL
3" = 1'-0"



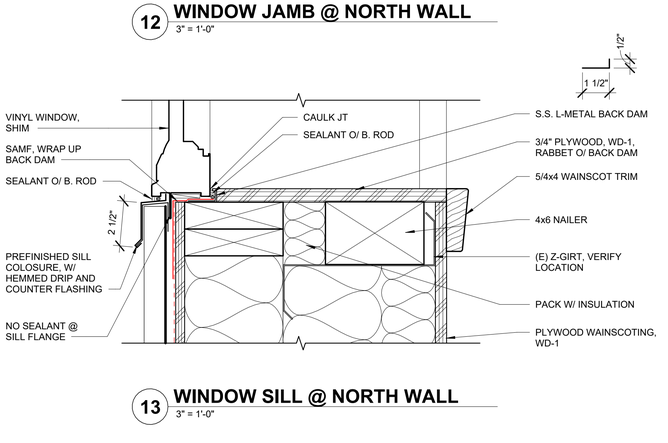
9 TYPICAL WINDOW HEAD
3" = 1'-0"



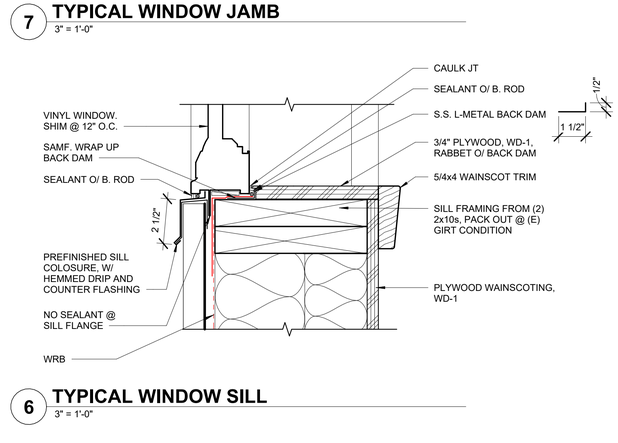
4 EXT. HM DR HEAD @ PANEL SIDING
3" = 1'-0"



3 STOREFRONT HEAD @ METAL SIDING
3" = 1'-0"



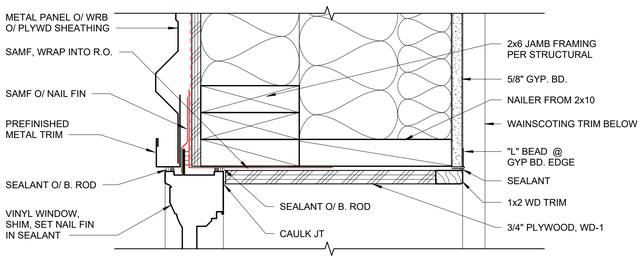
11 WINDOW HORIZ. MULLION @ NORTH WALL
3" = 1'-0"



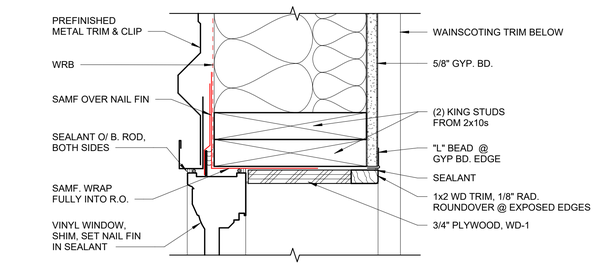
8 WINDOW HORIZ. MULLION @ EAST WALL
3" = 1'-0"

5 EXT. HM DR JAMB @ PANEL SIDING
3" = 1'-0"

2 STOREFRONT JAMB @ METAL SIDING
3" = 1'-0"



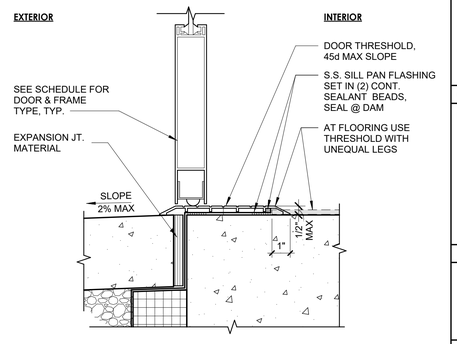
12 WINDOW JAMB @ NORTH WALL
3" = 1'-0"



7 TYPICAL WINDOW JAMB
3" = 1'-0"

13 WINDOW SILL @ NORTH WALL
3" = 1'-0"

6 TYPICAL WINDOW SILL
3" = 1'-0"



1 STOREFRONT THRESHOLD @ SLAB
3" = 1'-0"

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT
2840
JOSEPH A. SLACK
COOS BAY, OREGON
STATE OF OREGON

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD
421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

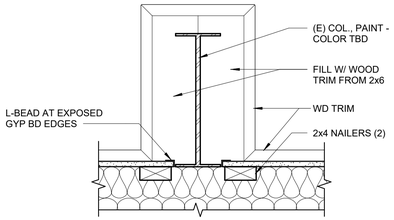
REVISIONS:

#	DATE	DESCRIPTION

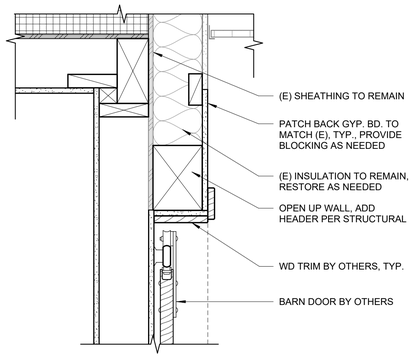
DATE: FEBRUARY 2025

SHEET TITLE:
EXTERIOR DETAILS - OPENINGS

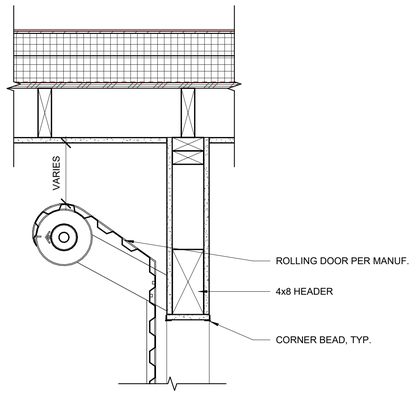
A5.3



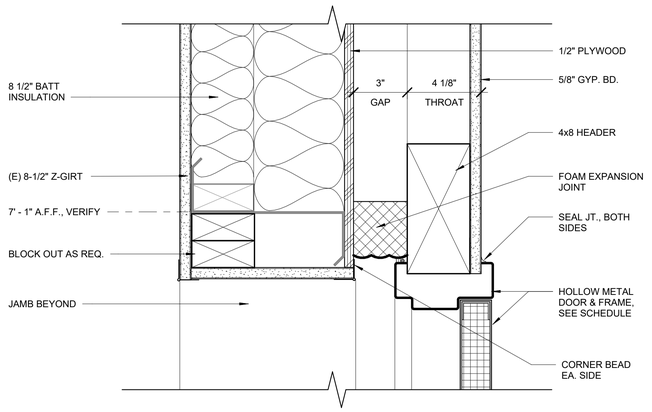
15 PLAN DETAIL ABOVE COLUMN BASE
1 1/2" = 1'-0"



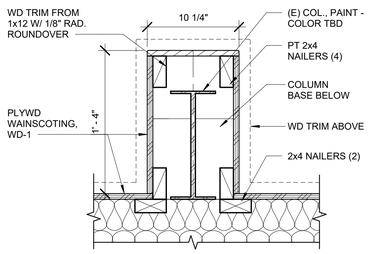
10 BARN DOOR HEAD
1 1/2" = 1'-0"



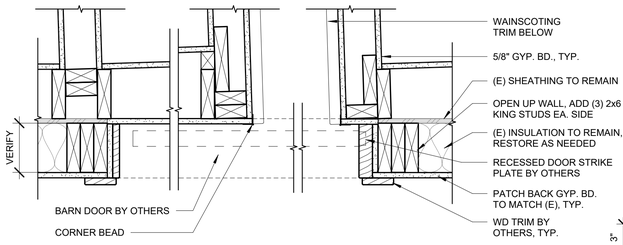
9 ROLLING DOOR HEAD
1 1/2" = 1'-0"



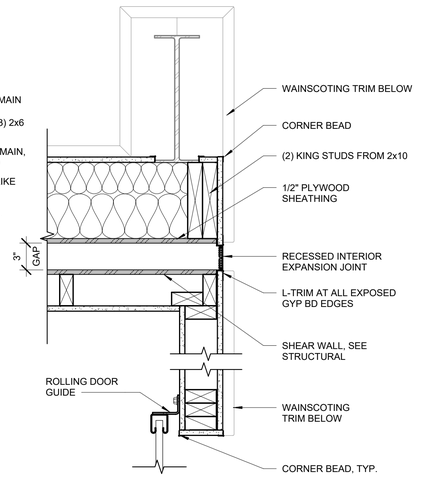
4 INT. HM DR HEAD @ EXP. JT. - JAMB SIM.
3" = 1'-0"



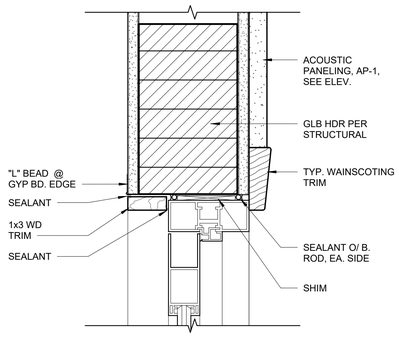
14 PLAN DETAIL @ COLUMN BASE
1 1/2" = 1'-0"



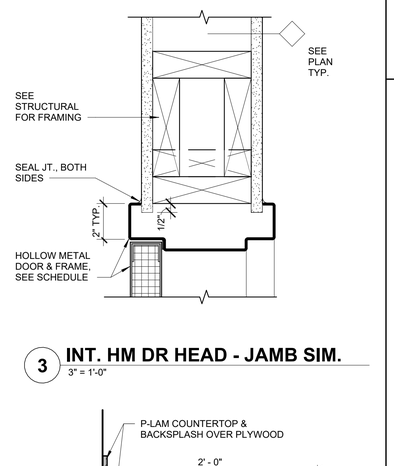
11 BARN DOOR JAMB
1 1/2" = 1'-0"



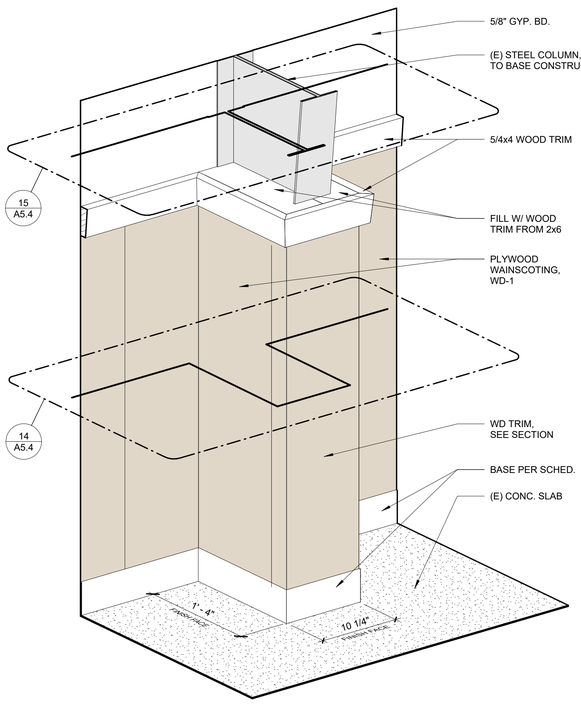
8 ROLLING DOOR JAMB
1 1/2" = 1'-0"



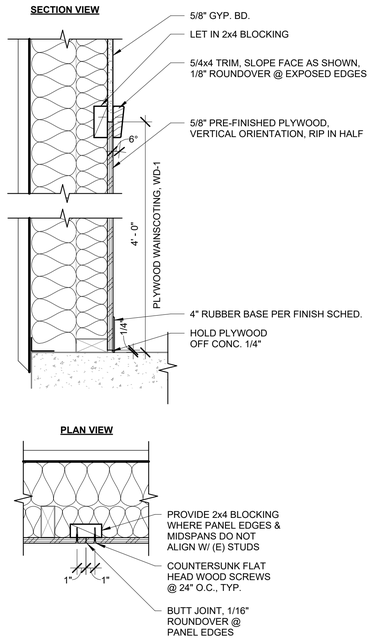
5 STOREFRONT HEAD @ INTERIOR
3" = 1'-0"



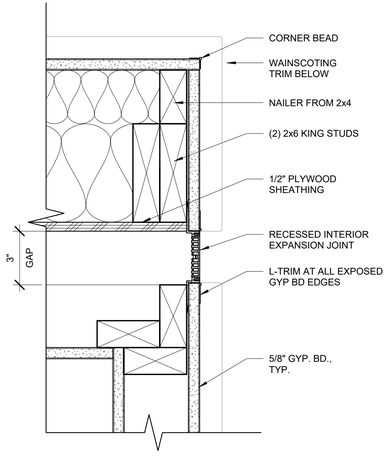
3 INT. HM DR HEAD - JAMB SIM.
3" = 1'-0"



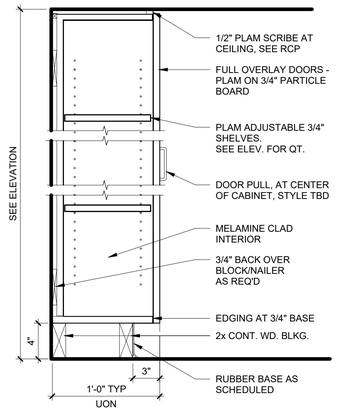
13 COLUMN BASE AXON VIEW
1 1/2" = 1'-0"



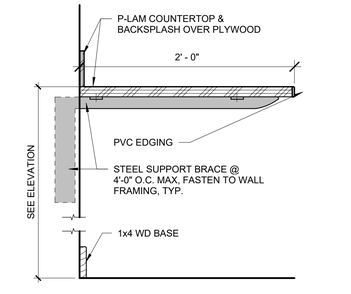
12 PLYWOOD WAINSCOTING
1 1/2" = 1'-0"



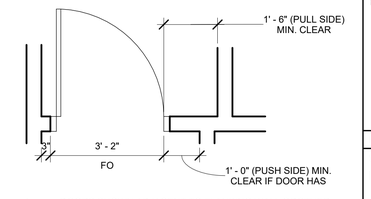
7 EXPANSION JT @ INT. WALL - PLAN
3" = 1'-0"



6 FULL HEIGHT SHELVING
1 1/2" = 1'-0"



2 COUNTER
1 1/2" = 1'-0"



A. DOORS SHOWN ADJACENT TO FLANKING WALL OROTHER FIXED OBSTRUCTION, SALL BE LOCATED AS SHOWN ABOVE

B. OTHER LOCATIONS SHALL BE ON CENTERLINE OF ROOM OR AS SPECIFICALLY DIMENSIONED

1 TYP. DOOR PLACEMENT
1/2" = 1'-0"

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT 2840 JOSEPH A. SLACK COOS BAY, OREGON STATE OF OREGON

PORT ORFORD COMMUNITY BUILDING REMODEL

PROJECT NO.: 18.27.2

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

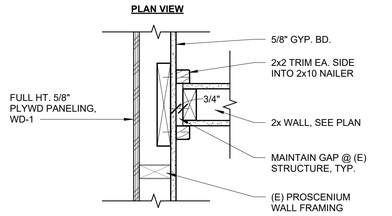
REVISIONS:

#	DATE	DESCRIPTION

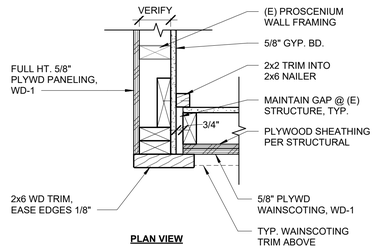
DATE: FEBRUARY 2025

SHEET TITLE:
INTERIOR DETAILS

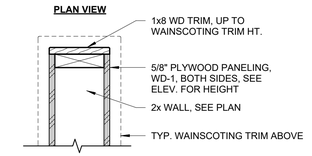
A5.4



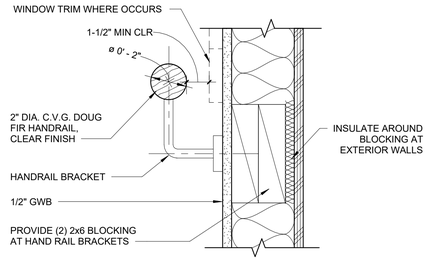
9 PLATFORM GAP @ INSIDE CORNER
1 1/2" = 1'-0"



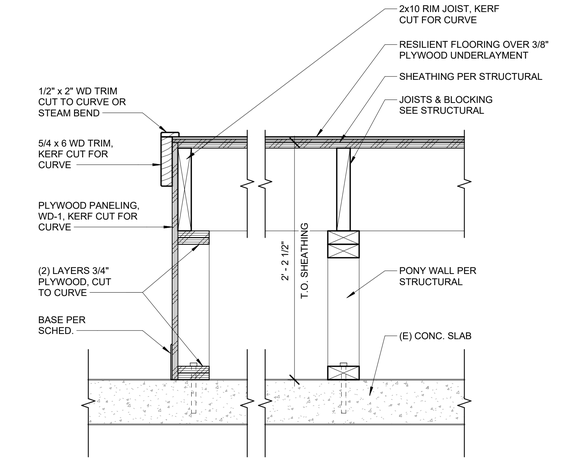
10 PLATFORM GAP @ OUTSIDE CORNER
1 1/2" = 1'-0"



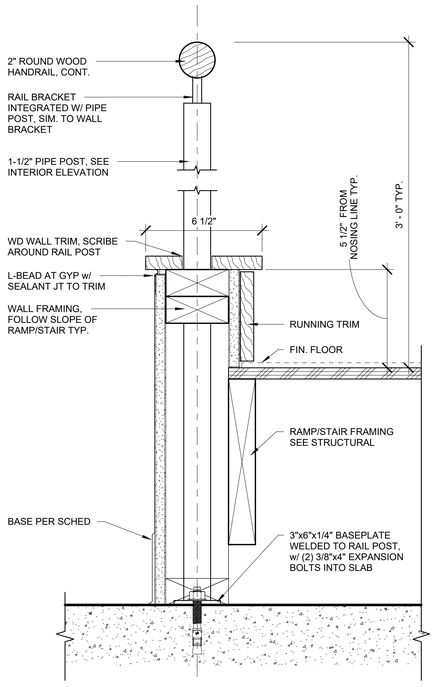
8 WAINSCOTING @ END OF WALL
1 1/2" = 1'-0"



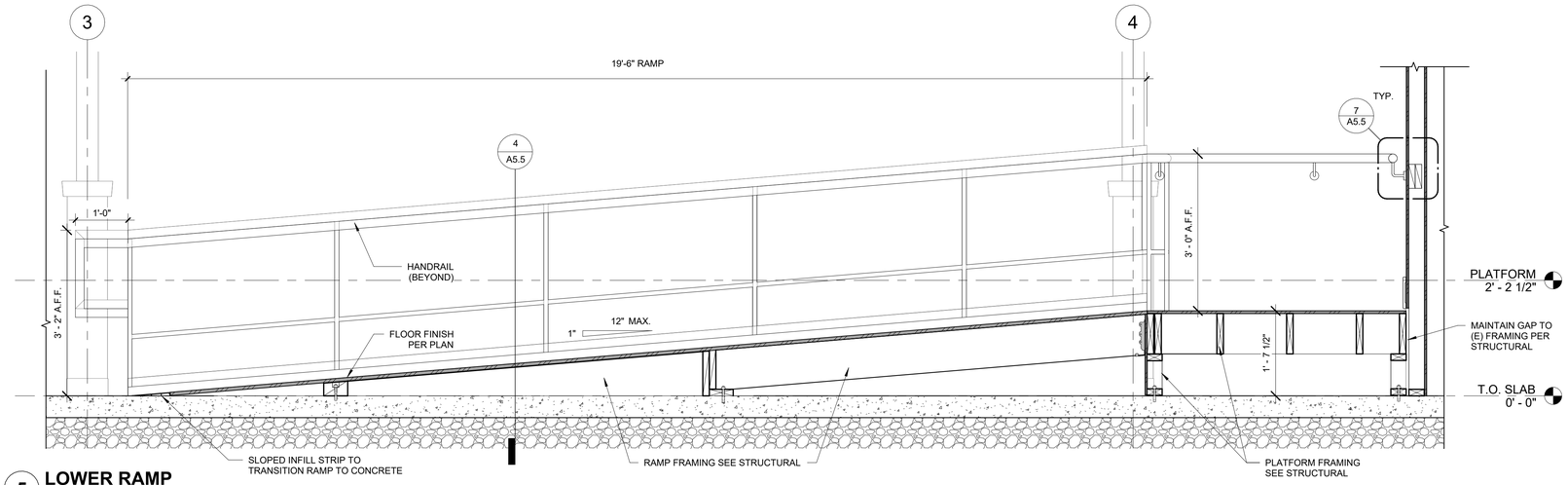
7 HANDRAIL @ WALL
3" = 1'-0"



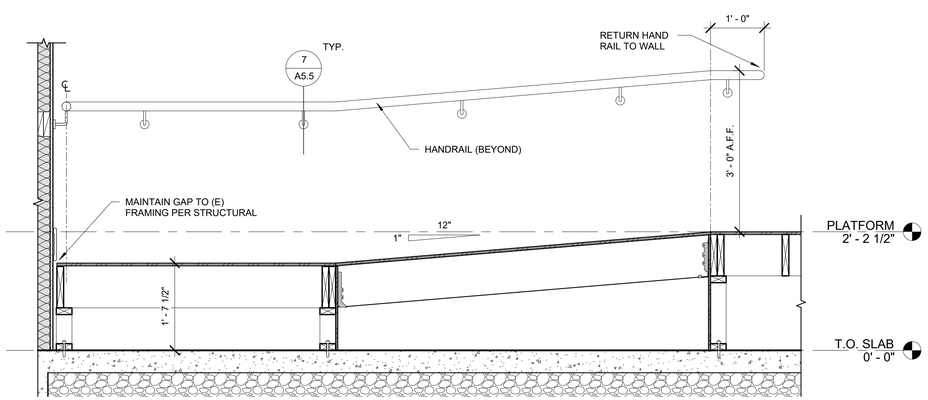
6 PLATFORM EDGE
1 1/2" = 1'-0"



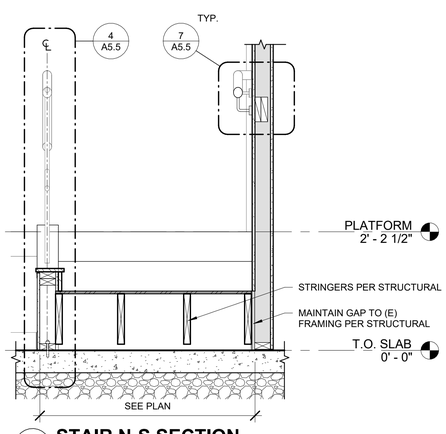
4 HANDRAIL @ RAMP AND STAIR
3" = 1'-0"



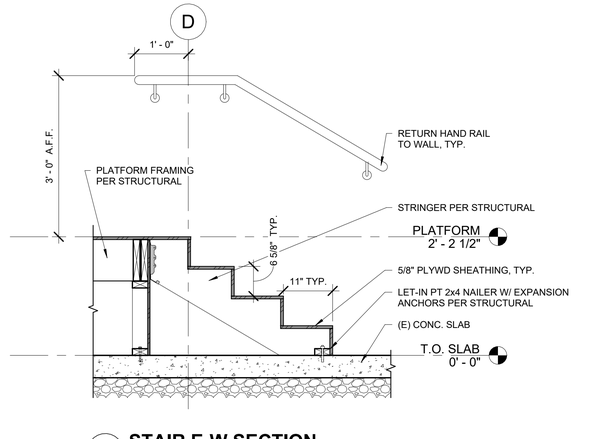
5 LOWER RAMP
3/4" = 1'-0"



3 UPPER RAMP
3/4" = 1'-0"



2 STAIR N-S SECTION
3/4" = 1'-0"



1 STAIR E-W SECTION
3/4" = 1'-0"

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT 2840 JOSEPH A. SLACK COOS BAY, OREGON STATE OF OREGON

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

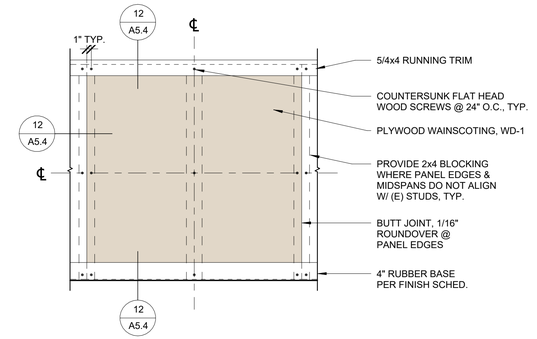
REVISIONS:

#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

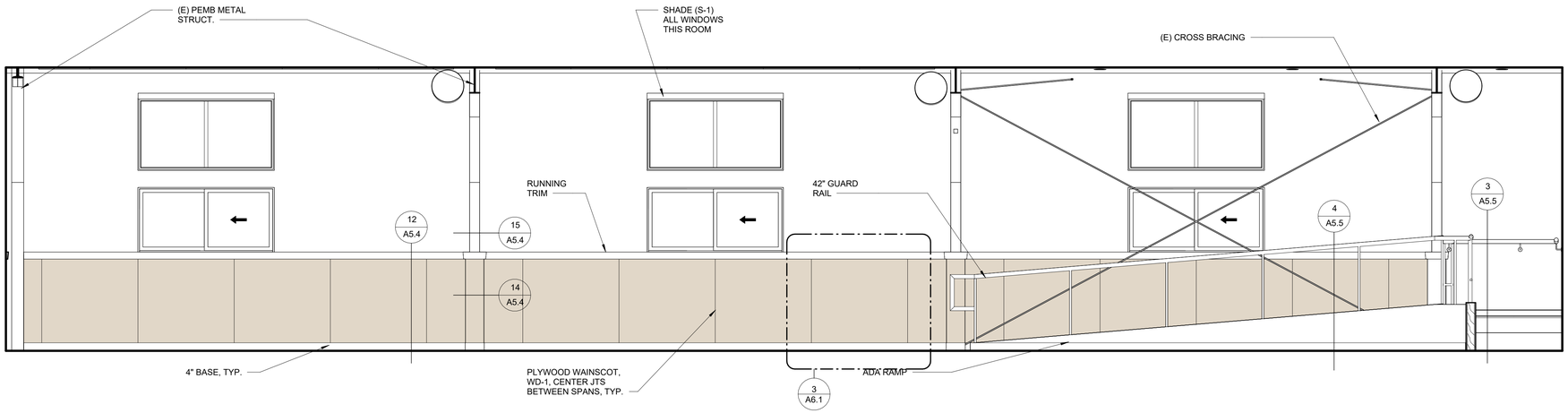
SHEET TITLE:
INTERIOR DETAILS

A5.5

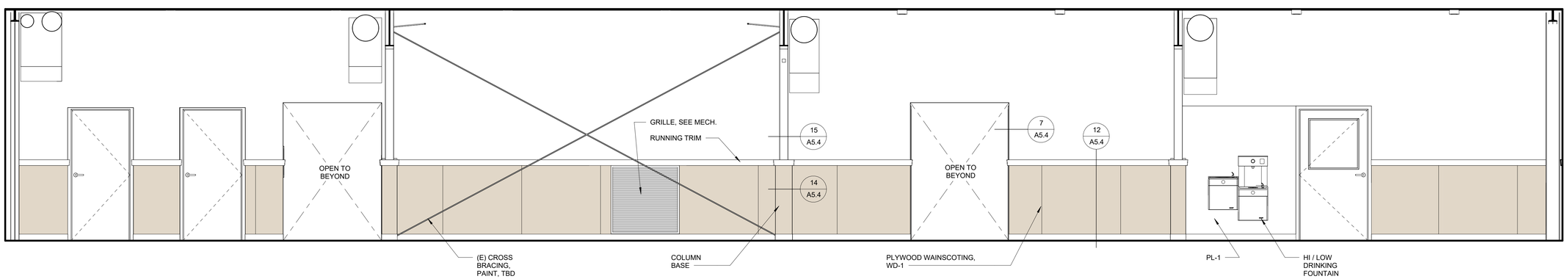


3 PLYWOOD WAINSCOTING ELEVATION, TYP.
3/4" = 1'-0"

SIM. @ HALF-HEIGHT & FULL-HEIGHT PANELS



2 MULTIPURPOSE RM #2 - EAST
3/8" = 1'-0"



1 MULTIPURPOSE RM #2 - WEST
3/8" = 1'-0"

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT
2840
JOSEPH A. SLACK
COOS BAY, OREGON
STATE OF OREGON

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

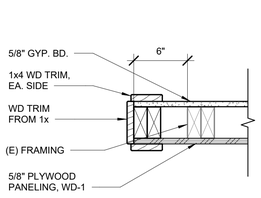
#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

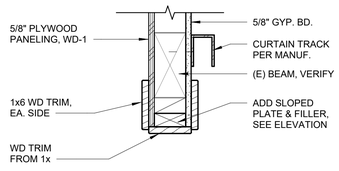
SHEET TITLE:
INTERIOR ELEVATIONS

A6.1

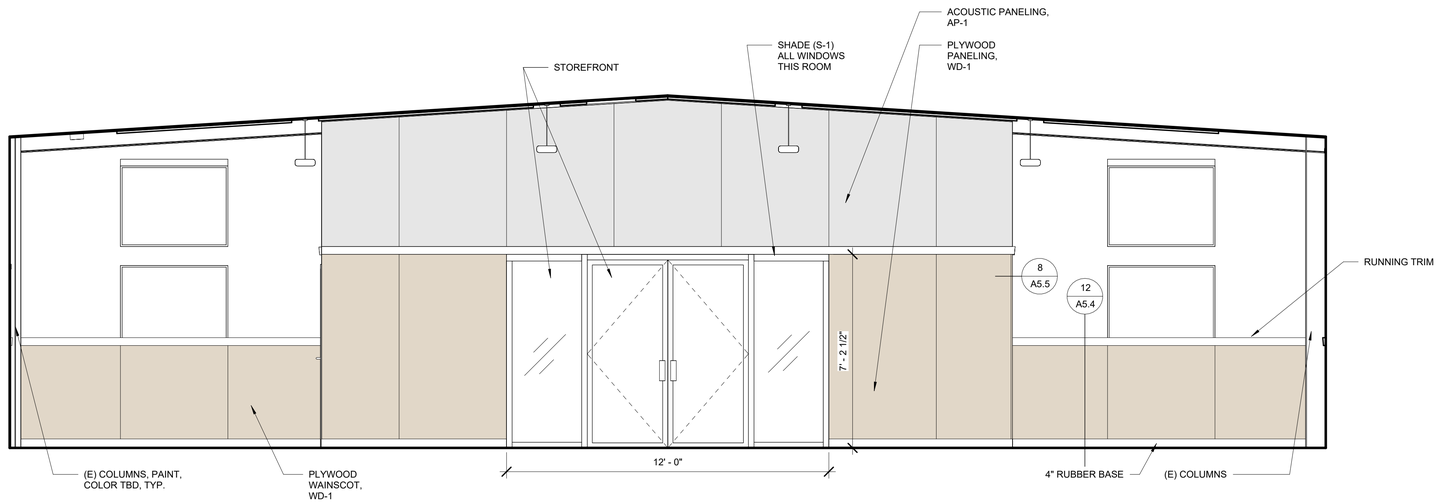
2/4/2025 5:01:48 PM C:\Users\HGE-Dominic\Documents\Port Orford Community Building R25_dlbrieG4QPE.rvt



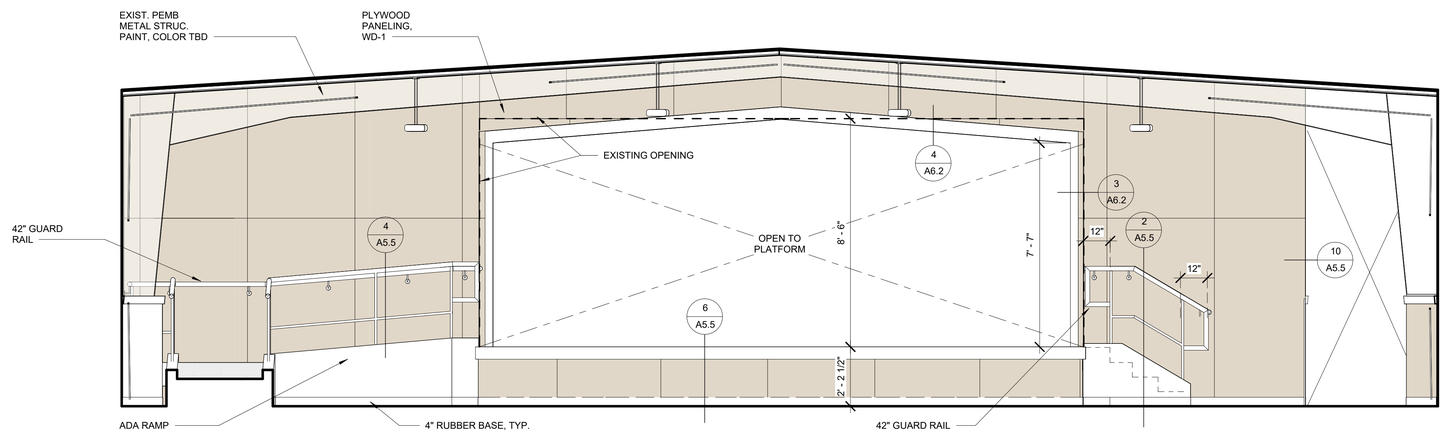
3 PROSCENIUM OPENING JAMB
1 1/2" = 1'-0"



4 PROSCENIUM OPENING HEAD
1 1/2" = 1'-0"



2 MULTIPURPOSE RM #2 - NORTH
3/8" = 1'-0"



1 MULTIPURPOSE RM #2 - SOUTH
3/8" = 1'-0"

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT
2840
JOSEPH A. SLACK
COOS BAY, OREGON
STATE OF OREGON

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD
421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

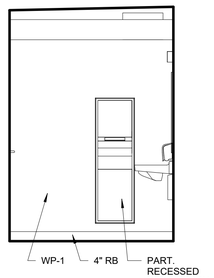
#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
INTERIOR ELEVATIONS

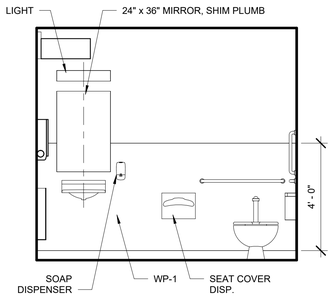
A6.2

2/4/2025 5:01:50 PM C:\Users\HGE-Dominic\Documents\Port Orford Community Building R25_dlbrieG4QPE.rvt

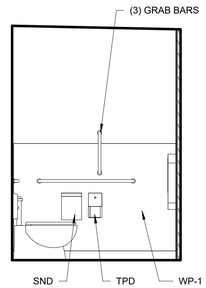


1 TOILET RM #11 - EAST
3/8" = 1'-0"

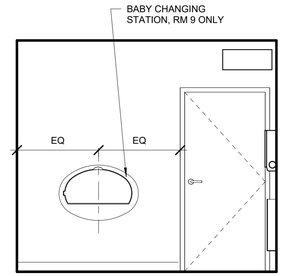
TYPICAL RESTROOM. SEE PLANS FOR RELATIVE LAYOUT



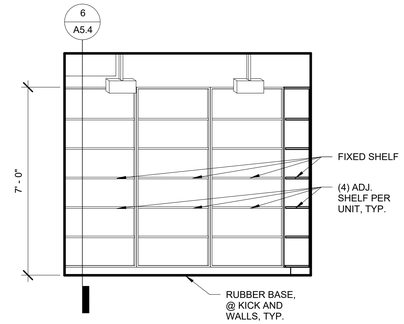
2 TOILET RM #9 - SOUTH
3/8" = 1'-0"



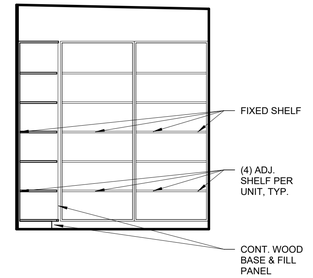
3 TOILET RM #9 - WEST
3/8" = 1'-0"



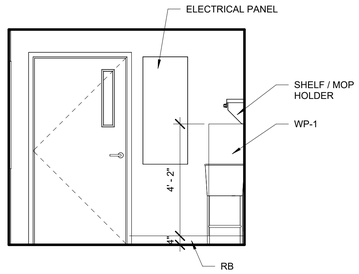
4 TOILET RM #9 - NORTH
3/8" = 1'-0"



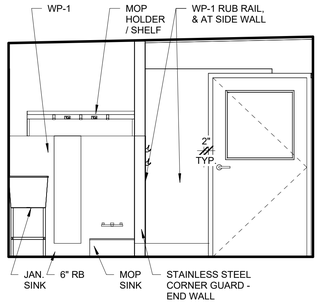
5 KITCHEN STOR. RM #14 - SOUTH
3/8" = 1'-0"



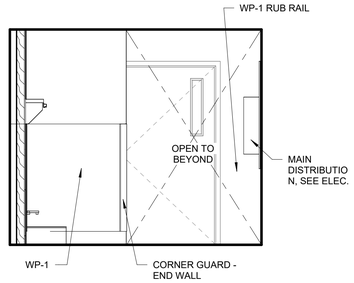
6 KITCHEN STOR. RM #14 - WEST
3/8" = 1'-0"



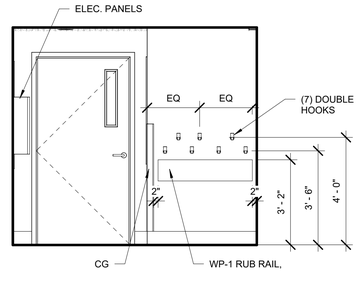
7 SERVICE ENTRY RM #15- NORTH
3/8" = 1'-0"



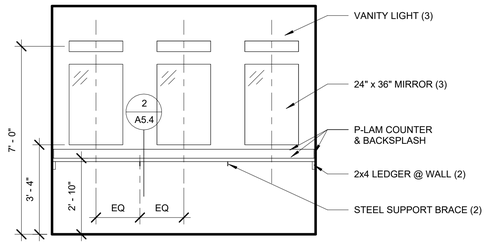
8 SERVICE ENTRY RM #15 - WEST
3/8" = 1'-0"



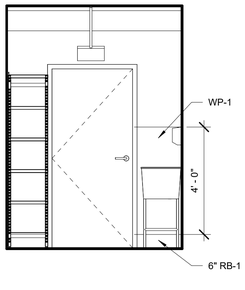
9 SERVICE ENTRY RM #15 - SOUTH
3/8" = 1'-0"



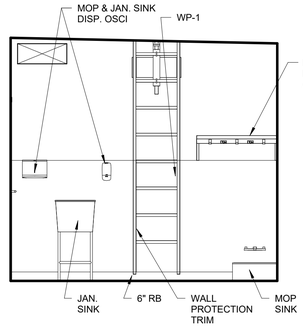
10 SERVICE ENTRY RM #15 - NORTH
3/8" = 1'-0"



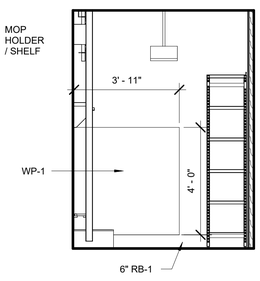
11 GREEN ROOM #3 - NORTH
3/8" = 1'-0"



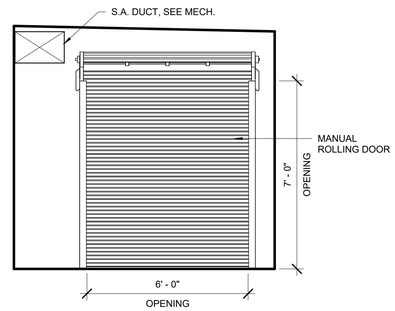
12 CUST. RM #8 - EAST
3/8" = 1'-0"



13 CUST. RM #8 - SOUTH
3/8" = 1'-0"



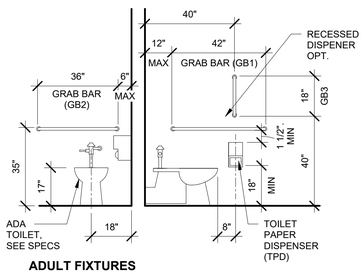
14 CUST. RM #8 - WEST
3/8" = 1'-0"



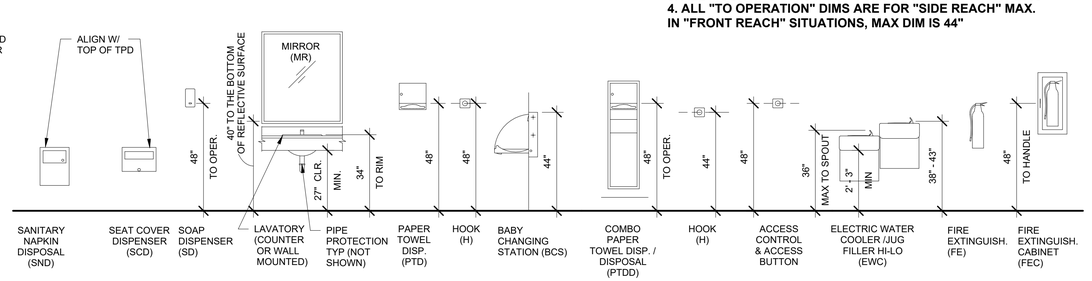
15 STOR. RM #10 - SOUTH
3/8" = 1'-0"

GENERAL NOTES:
1. SEE FIXTURE AND ACCESSORY MOUNTING LOCATIONS FOR ABBREVIATIONS AND ADDITIONAL INFORMATION.
2. SEE FINISH SCHEDULE, LIST AND SPECIFICATIONS

ADA FIXTURE & ACCESSORY MOUNTING DIAGRAMS NOTES:
1. SEE ELEV. FOR ADD'L/SPECIFIC DIMS TYP.
2. SEE SPECIFICATIONS FOR FIXTURE & ACC. INFO
3. ALL MOUNTING DIMS MUST COMPLY WITH ICC A117.1-2009
4. ALL "TO OPERATION" DIMS ARE FOR "SIDE REACH" MAX. IN "FRONT REACH" SITUATIONS, MAX DIM IS 44"



ADULT FIXTURES



FIXTURE AND ACCESSORY MOUNTING LOCATIONS
3/8" = 1'-0"

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT 2840 JOSEPH A. SLACK COOS BAY, OREGON STATE OF OREGON

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
INTERIOR ELEVATIONS

A6.3

BASIS OF DESIGN LEGEND:
FINISH TAG
PRODUCT TYPE
MANUFACTURE
STYLE
COLOR

AP-1
ACOUSTICAL WALL/CEILING PANELS
ACOUSTIC SURFACES INC.
POLY MAX DIRECT ATTACH
4 x 8 x 1"
WHITE

RB
RESILIENT BASE
JOHNSONITE
TYPE TS
4" COVE
COLOR TBD

LVT-1
RESILIENT VINYL TILE
MANNINGTON
AMTICO COLLECTION
6" x 36"
SHORE OAK

S-1
ROLLER SHADE
SHEER WEAVE, PHIFER INC.
4600 PATTERN
3% OPEN
P13 OYSTER/BEIGE

WD-1
PLYWOOD PANELING
5/8" PRE-FINISHED
(3/4" @ WINDOWS)
CLEAR FINISH
VERTICAL ORIENTATION

WP-1
WALL PROTECTION
CS ACROVYN
COLOR TBD

WOT-1
WALK OFF TILE
PATCRAFT
BEYOND THE DOOR - PASEO
24" x 24"
OBSIDIAN 00595

P-1 (WALL)
INTERIOR PAINT
SHERWIN WILLIAMS
TBD

P-2 (ACCENT)
INTERIOR PAINT
SHERWIN WILLIAMS
TBD

P-3 (CEILING)
INTERIOR PAINT
SHERWIN WILLIAMS
TBD

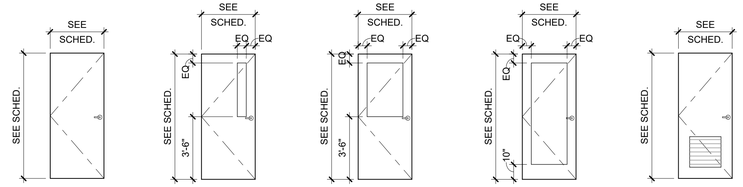
P-4
EXTERIOR PAINT
SHERWIN WILLIAMS
TBD

P-6
EXTERIOR PAINT
SHERWIN WILLIAMS
TBD

P-7
EXTERIOR PAINT
SHERWIN WILLIAMS
TBD

DOOR SCHEDULE - COMMUNITY BLDG

DOOR NO.	ROOM NAME	SIZE (WxH)	TYPE	DOOR MATERIAL	FRAME MATERIAL	SILL DETAIL	JAMB DETAIL	HEAD DETAIL	HARDWARE GROUP	NOTES
1A	VEST.	6' - 0" X 7' - 0"	D	AL. / GLASS	AL.	1/A5.3	2/A5.3	4/A5.2	HW-28	EXTERIOR, STOREFRONT
1B	VEST.	6' - 0" X 7' - 0"	D	AL. / GLASS	AL.	-	2/A5.3 SIM.	5/A5.4	HW-28	STOREFRONT
3	GREEN RM.	3' - 0" X 6' - 8"	E	WD	HM	-	3/A5.4	3/A5.4	HW-10	LOUVER
5	PIANO VAULT	6' - 0" X 6' - 8"	A	WD	HM	-	3/A5.4	3/A5.4	HW-20	DOUBLE DOOR
7	TOILET	3' - 0" X 6' - 8"	A	WD	HM	-	4/A5.4	4/A5.4	HW-5	
8	CUST.	3' - 0" X 6' - 8"	A	WD	HM	-	4/A5.4	4/A5.4	HW-20	
9	PATIO HALL	3' - 0" X 7' - 0"	D	AL. / GLASS	AL.	1/A5.3	3/A5.2	4/A5.2	HW-28	EXTERIOR, STOREFRONT
10	STOR. / MECH.	6' - 0" X 7' - 0"	OH	STEEL	-	-	8/A5.4	9/A5.4	-	ROLLING DOOR, SEE INT. ELEV.
11	TOILET	3' - 0" X 6' - 8"	A	WD	HM	-	4/A5.4	4/A5.4	HW-5	
13	TOILET	3' - 0" X 6' - 8"	A	WD	HM	-	4/A5.4	4/A5.4	HW-5	
14	KITCHEN ST.	3' - 6" X 6' - 8"	B	WD / GLASS	HM	-	4/A5.4	4/A5.4	HW-20	
15A	SERVICE ENTRY	3' - 6" X 6' - 8"	C	WD / GLASS	HM	-	4/A5.4 SIM.	4/A5.4 SIM.	HW-26	SOUND DOOR
15B	SERVICE ENTRY	3' - 6" X 7' - 0"	B	SS HM	SS HM	1/A5.3 SIM.	5/A5.3	4/A5.3	HW-11	EXTERIOR, INSULATED
16	AV CL.	3' - 0" X 6' - 8"	E	WD	HM	-	4/A5.4	4/A5.4	HW-20	LOUVER



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

WINDOW SCHEDULE

MARK	SIZE (WxH)	COUNT	HEAD HEIGHT	SILL DETAIL	JAMB DETAIL	HEAD DETAIL	TYPE	NOTES
A	4' - 0" x 3' - 0"	2	10' - 6"	11/A5.3	12/A5.3	10/A5.3	FIXED	ROLLER SHADE
B	4' - 0" x 2' - 9"	2	6' - 9 1/2"	13/A5.3	12/A5.3	11/A5.3	FIXED	
C	5' - 8" x 3' - 0"	3	10' - 6"	8/A5.3	7/A5.3	9/A5.3	FIXED	ROLLER SHADE
D	5' - 8" x 2' - 9"	3	6' - 9 1/2"	6/A5.3	7/A5.3	8/A5.3	HORIZ. SLIDER	
E	3' - 0" x 2' - 9"	1	6' - 9 1/2"	6/A5.3	7/A5.3	9/A5.3 SIM.	FIXED	ROLLER SHADE

ROOM FINISH SCHEDULE - COMMUNITY BUILDING

ROOM NAME	ROOM NO.	FLOOR FINISH	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	CEILING FINISH	NOTES
VEST.	1	WOT-1	RB-1	GYP.	GYP.	GYP.	GYP.	GYP.	
MULTIPURPOSE ROOM	2	SEALED CONC.	RB-1	GYP. / WD-1 / AP-1	GYP. / WD-1	GYP. / WD-1	GYP. / WD-1	AP-1 / GYP.	SEE RCP FOR AP-1 LOCATION
GREEN RM.	3	LVT-1	WD	GYP.	GYP.	GYP.	GYP.	GYP.	
PLATFORM	4	LVT-1	WD	GYP.	GYP.	GYP.	GYP.	GYP.	
PIANO VAULT	5	LVT-1	WD	GYP.	GYP.	GYP.	GYP.	GYP.	
HALL	6	SEALED CONC.	RB-1	-	GYP. / WD-1	GYP.	GYP. / WD-1	GYP.	
TOILET	7	SEALED CONC.	RB-1	WP-1 / GYP.	WP-1 / GYP.	WP-1 / GYP.	WP-1 / GYP.	GYP.	
CUST.	8	SEALED CONC.	RB-1	WP-1 / GYP.	WP-1 / GYP.	WP-1 / GYP.	WP-1 / GYP.	GYP.	
PATIO HALL	9	SEALED CONC.	RB-1	GYP. / WD-1	-	GYP. / WD-1	GYP.	GYP.	
STOR. / MECH.	10	SEALED CONC.	RB-1	GYP.	GYP.	GYP.	GYP.	GYP.	
TOILET	11	SEALED CONC.	RB-1	WP-1 / GYP.	WP-1 / GYP.	WP-1 / GYP.	WP-1 / GYP.	GYP.	
A.L. HALL	12	SEALED CONC.	RB-1	GYP. / WD-1	-	GYP. / WD-1	-	GYP.	
TOILET	13	SEALED CONC.	RB-1	WP-1 / GYP.	WP-1 / GYP.	WP-1 / GYP.	WP-1 / GYP.	GYP.	
KITCHEN ST.	14	SEALED CONC.	RB-1	GYP.	GYP.	GYP.	GYP.	GYP.	
SERVICE ENTRY	15	SEALED CONC.	RB-1	WP-1 / GYP.	GYP.	GYP.	WP-1 / GYP.	GYP.	
AV CL.	16	SEALED CONC.	RB-1	GYP.	GYP.	GYP.	GYP.	GYP.	

NOTES:
1. ALL GYP. WALLS TO BE PAINTED P-1 UNLESS NOTED OTHERWISE.
2. ALL GYP. CEILINGS TO BE PAINTED P-3 UNLESS NOTED OTHERWISE.

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

REGISTERED ARCHITECT
2840
JOSEPH A. SLACK
COOS BAY, OREGON
STATE OF OREGON

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD
421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:
DATE DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
SCHEDULES

A7.1

2/4/2025 5:01:54 PM C:\Users\HGE-Dominic\Documents\Port Orford Community Building R25_dlbrieG4QPE.rvt

GENERAL NOTES

I. GENERAL REQUIREMENTS

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND JOB SITE CONDITIONS BEFORE COMMENCING WORK AND SHALL REPORT ANY DISCREPANCIES TO CUSHING TERRELL, HENCEFORTH REFERRED TO AS THE ENGINEER.
2. USE WRITTEN DIMENSIONS. DO NOT USE SCALED DIMENSIONS. WHERE NO DIMENSION IS PROVIDED, CONSULT THE ARCHITECT OR ENGINEER FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
3. THE CONTRACTOR SHALL FIELD VERIFY THE DIMENSIONS AND LAYOUT OF THE EXISTING CONSTRUCTION AS REQUIRED TO COORDINATE THE ERECTION OF THE WORK SPECIFIED IN THESE DRAWINGS. EXISTING BUILDING ELEMENTS ARE IDENTIFIED FOR REFERENCE WITH THE PREFIX (E).
4. DETAILS IN THE DRAWINGS PREFACED WITH THE TITLE "TYPICAL" MAY NOT NECESSARILY BE REFERENCED ON THE PLANS, BUT SHALL STILL APPLY AS SHOWN OR DESCRIBED IN THE DETAILS. WHERE NO DETAIL IS REFERENCED, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CHOOSE THE RELEVANT TYPICAL DETAIL FROM THOSE PROVIDED.
5. THE DESIGN, ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, SHORING OF EXISTING BUILDING ELEMENTS, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE PRIOR TO THE ERECTION OF THE FRAMING AND OF THE LATERAL-LOAD-RESISTING SYSTEM IS COMPLETE.
6. THE ENGINEER HOLDS NO LIABILITY FOR UNAUTHORIZED CHANGES TO THE CONSTRUCTION DOCUMENTS MADE BY THE OWNER, CONTRACTOR, BUILDING OFFICIAL, OR OTHER INVOLVED PARTY.
7. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING A SAFE PLACE TO WORK AND FOR MEETING THE REQUIREMENTS OF ALL APPLICABLE JURISDICTIONS, INCLUDING OSHA. THE CONTRACTOR SHALL EXECUTE THEIR WORK TO ENSURE THE SAFETY OF PERSONS AND ADJACENT PROPERTY AGAINST DAMAGE BY FALLING DEBRIS AND OTHER HAZARDS ASSOCIATED WITH THE WORK.
8. UNLESS NOTED OTHERWISE IN THE PROJECT SPECIFICATIONS, SHOP DRAWINGS AND/OR SUBMITTALS SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION OR CONSTRUCTION RELATED TO THE FOLLOWING STRUCTURAL ITEMS:
   - A. CONCRETE MIX DESIGN
   - B. CONCRETE REINFORCEMENT PLACING DRAWINGS
   - C. CONCRETE SLAB ON GRADE CONTROL JOINT PLANS
   - D. POST-INSTALLED ANCHOR ICC-ES OR IAPMO ES EVALUATION REPORTS
9. DESIGN CRITERIA
   - A. BUILDING CODE: 2022 OREGON STRUCTURAL SPECIALTY CODE (OSSC)
   - B. GEOTECHNICAL AND GRAVITY DESIGN DATA
     - i. ALLOWABLE SOIL BEARING CAPACITY: 1500 PSF
     - ii. FLOOR LIVE LOAD: 100 PSF
     - iii. ROOF LIVE LOAD: 20 PSF
     - iv. GROUND SNOW LOAD, Pg: 1 PSF
     - v. FLAT-ROOF SNOW LOAD, Pf: 25 PSF
     - vi. SNOW EXPOSURE FACTOR, Ce: 1.0
     - vii. SNOW LOAD IMPORTANCE FACTOR, I: 1.0
     - viii. THERMAL FACTOR, Ct: 1.0
   - C. WIND DESIGN DATA
     - i. BASIC WIND SPEED: Vult = 120 MPH
     - ii. RISK CATEGORY: II
     - iii. WIND EXPOSURE CATEGORY: B
     - iv. INTERNAL PRESSURE COEFFICIENT, Gcpi: +/- 0.18
   - D. SEISMIC DESIGN DATA
     - i. RISK CATEGORY: II
     - ii. SEISMIC IMPORTANCE FACTOR, Ie: 1.0
     - iii. MAPPED SPECTRAL ACCELERATION, Ss: 2.287
     - iv. MAPPED SPECTRAL ACCELERATION, S1: 1.056
     - v. SITE CLASS: D (DEFAULT)
     - vi. DESIGN SPECTRAL ACCELERATION, Sds: 1.83
     - vii. DESIGN SPECTRAL ACCELERATION, Sd1: 1.2
     - viii. SEISMIC DESIGN CATEGORY: E
     - ix. BASIC SEISMIC FORCE RESISTING SYSTEM: LIGHT FRAMED WOOD SHEAR WALLS
     - x. SEISMIC RESPONSE COEFFICIENT, Cs: 0.28
     - xi. RESPONSE MODIFICATION FACTOR, R:6.5
     - xii. ANALYSIS PROCEDURE USED: EQUIVALENT LATERAL FORCE PROCEDURE

II. SHALLOW FOUNDATIONS

1. IF ANY OF THE FOLLOWING CONDITIONS ARE DISCOVERED DURING CONSTRUCTION AT THE BUILDING SITE, A GEOTECHNICAL INVESTIGATION SHALL BE COMMISSIONED IN ACCORDANCE WITH CHAPTER 18 OF THE IBC:
   - A. QUESTIONABLE SOIL
   - B. EXPANSIVE SOIL
   - C. GROUND-WATER TABLE IS ABOVE OR WITHIN 5 FEET BELOW THE ELEVATION OF THE LOWEST FLOOR LEVEL WHERE SUCH FLOOR IS LOCATED BELOW THE FINISHED GROUND LEVEL ADJACENT TO THE FOUNDATION.
   - D. DEEP FOUNDATIONS
   - E. ROCK STRATA OF VARIABLE OR DOUBTFUL CHARACTERISTICS
   - F. EXCAVATIONS THAT WILL REMOVE THE LATERAL SUPPORT OF AN ADJACENT, EXISTING FOUNDATION
   - G. USE OF COMPACTED FILL MATERIAL BELOW SHALLOW FOUNDATIONS IN EXCESS OF 12 INCHES IN DEPTH
   - H. USE OF CONTROLLED LOW-STRENGTH MATERIAL (CLSM)
   - I. ALTERNATE SETBACK AND CLEARANCE
2. EXCAVATION FOR ANY PURPOSE SHALL NOT REMOVE LATERAL SUPPORT FROM ANY FOUNDATION WITHOUT FIRST UNDERPINNING OR PROTECTING THE FOUNDATION AGAINST SETTLEMENT OR LATERAL TRANSLATION.
3. FOUNDATIONS SHALL BE BUILT ON UNDISTURBED SOIL OR COMPACTED FILL MATERIAL 12 INCHES OR LESS IN DEPTH. IF PROVIDED, COMPACTED FILL MATERIAL SHALL HAVE AN IN-PLACE DRY DENSITY NOT LESS THAN 90 PERCENT OF THE MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT DETERMINED IN ACCORDANCE WITH ASTM D1557. IF THE COMPACTED FILL MATERIAL EXCEEDS 12 INCHES IN DEPTH OR CLSM IS USED, PLACEMENT SHALL COMPLY WITH THE PROVISIONS OF AN APPROVED GEOTECHNICAL INVESTIGATION AND REPORT.
4. THE BOTTOM OF ALL EXTERIOR FOOTINGS AND FOOTINGS SUSCEPTIBLE TO FROST HEAVE SHALL EXTEND A MINIMUM DEPTH BELOW LOWEST ADJACENT FINISHED GRADE OF 1'-0".
5. THE SUBGRADES OF SLABS ON GRADE SHALL BE STRIPPED, TILLED, AND RE-COMPACTED TO PRODUCE A UNIFORM SURFACE. THE SUBGRADE SHALL BE OVERLAIN WITH 6 INCHES, MINIMUM, OF CLEAN, DENSELY-GRADED, CRUSHER-RUN BASE MATERIAL WITH A BALANCED FINE CONTENT THAT SATISFIES THE REQUIREMENTS OF ASTM D1241, TYPE 1 MIXTURE, GRADATION C. THE BASE MATERIAL SHALL BE COMPACTED TO A DRY DENSITY NOT LESS THAN 90 PERCENT OF THE MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT DETERMINED IN ACCORDANCE WITH ASTM D1557. THE SURFACE OF THE BASE MATERIAL SHALL BE CHOKED OFF WITH SAND OR FINE GRAVEL AND COMPACTED TO PROVIDE A SMOOTH, PLANAR SURFACE FOR THE CONCRETE SLAB ON GRADE.
6. PROVIDE A VAPOR RETARDER DIRECTLY BELOW THE SLAB AND ABOVE THE GRANULAR BASE MATERIAL, UNLESS NOTED OTHERWISE. THE VAPOR RETARDER SHALL COMPLY WITH ASTM E1745 AND SHALL BE 10 MILS THICK, MINIMUM.

III. CAST-IN-PLACE CONCRETE

1. CONCRETE:
   - A. CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI 301, UNLESS OTHERWISE NOTED.
   - B. REQUIRED COMPRESSIVE STRENGTH, f'c:
     - i. 4,000 PSI AT 28 DAYS, NORMAL WEIGHT. MAXIMUM WATER TO CEMENT RATIO = 0.45.
     - ii. IF THE CONTRACTOR ELECTS TO REPLACE THE CEMENT IN THE CONCRETE MIX WITH HIGH-VOLUME FLY ASH, IT IS PERMISSIBLE TO ESTABLISH f'c AT 56 DAYS.
   - C. THE CONTRACTOR SHALL SUBMIT PROPOSED LOCATIONS OF CONSTRUCTION OR POUR JOINTS TO THE ARCHITECT AND ENGINEER FOR REVIEW.
   - D. ROUGHEN CONCRETE SURFACES OF CONSTRUCTION JOINTS AND AT LOCATIONS WHERE CONCRETE IS CAST AGAINST EXISTING CONCRETE TO 1/4" AMPLITUDE AND CLEAN OF LAITANCE, FOREIGN MATTER, AND LOOSE PARTICLES.
2. REINFORCING STEEL:
   - A. TYPICAL REINFORCING: ASTM A615
   - B. PROVIDE CLEARANCE AND COVER OF REBAR AS FOLLOWS, UNLESS OTHERWISE NOTED:
     - i. CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3 INCHES
     - ii. FORMED SURFACES EXPOSED TO EARTH OR WEATHER, # 5 BARS AND SMALLER: 1 1/2 INCHES
     - iii. INTERIOR SLABS: 3/4 INCHES
   - C. REINFORCING SHALL BE SUPPORTED PRIOR TO CONCRETING IN ACCORDANCE WITH THE CRSI MANUAL OF STANDARD PRACTICE, MSP-1.
   - D. REINFORCING SHALL BE DETAILED IN ACCORDANCE WITH ACI 315.
3. SLAB ON GRADE CONTROL JOINTS:
   - A. THE CONTRACTOR SHALL INSTALL TOOLED OR SAWCUT CONTROL JOINTS IN THE CONCRETE SLABS ON GRADE. THE JOINTS SHALL BE 1/8" WIDE AND t/4 DEEP, WHERE t EQUALS THE SLAB THICKNESS.
   - B. THE JOINTS SHALL SUB-DIVIDE THE SLAB INTO PANELS WITH THE LONGER SIDE NO GREATER THAN 1.5 TIMES THE LENGTH OF THE SHORTER SIDE.
   - C. JOINTS IN INTERIOR SLABS SHALL BE SPACED AT NO FURTHER THAN 12'-0" APART AND JOINTS IN EXTERIOR SLABS SHALL BE SPACED AT NO FURTHER THAN 6'-0".
   - D. THE CONTRACTOR SHALL SUBMIT THEIR CONTROL JOINT PLAN TO THE ARCHITECT AND ENGINEER FOR REVIEW PRIOR TO THE FIRST SLAB ON GRADE CONCRETE POUR.

IV. POST-INSTALLED ANCHORS

1. ADHESIVE ANCHORS AND DOWELS IN CONCRETE: SET-3G (ICC-ES ESR-4057) BY SIMPSON STRONG-TIE.
2. SCREW ANCHORS IN CONCRETE: TITEN HD (ICC-ES ESR-2713) BY SIMPSON STRONG-TIE.
3. FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ALL POST-INSTALLED ANCHORS.
4. IF REINFORCEMENT IS ENCOUNTERED DURING DRILLING, ABANDON AND SHIFT THE HOLE LOCATION TO AVOID THE REINFORCEMENT. PROVIDE A MINIMUM OF (2) ANCHOR DIAMETERS OR 1 INCH, WHICHEVER IS LARGER, OF SOUND CONCRETE OR MASONRY BETWEEN THE ANCHOR AND THE ABANDONED HOLE. FILL THE ABANDONED HOLE WITH NON-SHRINK GROUT. IF THE ANCHOR OR DOWEL MAY NOT BE SHIFTED AS NOTED ABOVE, SEEK GUIDANCE FROM THE ENGINEER.
5. SUBSTITUTIONS: SUBSTITUTE PRODUCTS SHALL HAVE AN ASSOCIATED ICC-ES OR IAPMO EVALUATION REPORT AND THE CONTRACTOR MUST DEMONSTRATE PERFORMANCE IS EQUIVALENT TO THE SPECIFIED PRODUCTS. SUBSTITUTIONS WILL NOT BE CONSIDERED UNLESS THIS INFORMATION IS SUBMITTED.

V. COLD-FORMED STEEL FRAMING

1. FIELD CUTS AND NOTCHES OF ANY KIND ARE NOT ALLOWED IN ANY STRUCTURAL COLD-FORMED STEEL MEMBER WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
2. MATERIALS:
   - A. BRIDGING, ACCESSORIES: Fy = 33 KSI.
   - B. JOISTS: Fy = 50 KSI.
3. FASTENERS:
   - A. SHEET METAL SCREWS: SELF-TAPPING SCREWS COMPLYING WITH ASTM C1513.
     - i. #8 = 0.164" DIA., 5/16" HEAD
4. ERECTION
   - A. WHERE NON-BEARING WALLS ATTACH TO THE UNDERSIDE OF THE FLOOR OR ROOF FRAMING, PROVIDE SLOTTED TOP TRACK CAPABLE OF ACCOMMODATING 1" DEFLECTION OF THE FRAMING.

VI. CARPENTRY

1. MEMBERS
   - A. SAWN LUMBER: NO. 2 DOUGLAS FIR/LARCH, WWPA GRADING RULES
     - i. ALL LUMBER SHALL BE KILN DRIED WITH A MOISTURE CONTENT LESS THAN 19%.
     - ii. SILLS AND PLATES IN CONTACT WITH CONCRETE OR WITHIN 8" OF GRADE, SHALL BE PRESSURE-TREATED. MUD SILL PLATES SHALL BE 2x MINIMUM THICKNESS OF THE SAME OR GREATER WIDTH AS THE STUDS ABOVE, OR AS NOTED PER THE SHEAR WALL SCHEDULE.
       - a. FASTEN MUD SILL PLATES TO CONCRETE OR MASONRY WITH 5/8" DIAMETER ANCHOR BOLTS W/ MINIMUM 7" EMBEDMENT SPACED AT 4'-0" O.C. MAXIMUM, UNO.
       - b. PROVIDE 3" SQUARE X 0.229" THICK STEEL PLATE WASHERS UNDER ALL SHEAR WALL ANCHOR BOLT NUTS. STANDARD CUT WASHERS MAY BE USED FOR NON-SHEAR WALLS.
       - c. RETIGHTEN ALL BOLTS PRIOR INSTALLING INTERIOR WALL FINISH OR INTERIOR WALL SHEATHING.
     - iii. FOR CONNECTIONS OF WOOD MEMBERS NOT SHOWN ON THESE DRAWINGS OR IN THESE NOTES, REFERENCE THE BUILDING CODE FASTENING SCHEDULE, TABLE 2304.10.1.
     - iv. BLOCKING SHALL BE SOLID 2x MATERIAL WITH THE SAME DEPTH AS THE JOIST UNO AND SHALL BE TIGHTLY FITTED BETWEEN JOISTS.
     - v. FASTEN BEAMS, COLUMNS, TRIMMER STUDS, AND KING STUDS COMPOSED OF MULTIPLE 2x MEMBERS WITH TWO ROWS OF 10d NAILS @ 12" ON CENTER THROUGH LENGTH OR HEIGHT, STAGGERED TO PREVENT SPLITTING, BETWEEN EACH PLY.
     - vi. BUILT-UP 2x LUMBER BEAMS SHALL NOT BE SUBSTITUTED FOR SOLID TIMBER BEAMS.
     - vii. ALL NON-BEARING WALLS BELOW FLOOR AND ROOF FRAMING SHALL BE SLIP CONNECTED TO ALLOW POTENTIAL FRAMING DEFLECTION. USE SIMPSON DTC FRAMING CLIPS OR SDPW SCREWS SPACED AT 4'-0" OC INSTALLED PER THE MANUFACTURER REQUIREMENTS, UNO ON PLAN.
   - B. PRESSURE TREATED FRAMING:
     - i. MEMBERS:
       - a. SAWN LUMBER: NO. 2 HEM FIR, WWPA GRADING RULES
       - b. POST AND TIMBERS: NO. 2 HEM FIR, WWPA GRADING RULES
     - ii. PRESSURE TREATED FRAMING SHALL BE AWPA STANDARD U1 AND MEET OR EXCEED WATERBORN PRESERVATIVES WITH RETENTION OF 0.25 PCF FOR ABOVE GROUND AND 0.40 PCF FOR SOIL AND GROUND CONTACT USE.
     - iii. FIELD TREATMENT SHALL BE APPLIED AT ALL CUTS AND HOLES USING COPPER NAPHTHENATE.
     - iv. FASTENERS IN CONTACT WITH PRESSURE TREATED WOOD – SEE FASTENERS, FRAMING ANCHORS, AND CONNECTORS SECTION.
   - C. GLUED-LAMINATED (GLULAM) TIMBER:
     - i. PERFORM ALL WORK IN ACCORDANCE WITH NDS, ANSI A190.1, AND THE ARCHITECTS SPECIFICATIONS (IF APPLICABLE).
     - ii. GLULAM MANUFACTURER SHALL BE CERTIFIED IN ACCORDANCE WITH ANSI A190.1.
     - iii. SUBMIT SHOP DRAWINGS SHOWING FABRICATION AND ERECTION OF ALL GLULAM MEMBERS AND/OR CONNECTIONS FOR REVIEW PRIOR TO FABRICATION. SHOW ALL CONNECTIONS AND DETAILS, MATERIAL SPECIFICATIONS, AND FINISHES. FABRICATION SHALL NOT PROCEED UNTIL SHOP DRAWINGS HAVE BEEN APPROVED BY THE ENGINEER OF RECORD, ARCHITECT OF RECORD, AND THE GENERAL CONTRACTOR.
     - iv. MEMBERS SHALL BE INDIVIDUALLY WRAPPED TO PROTECT AND PROVENT ACCUMULATION OF MOISTURE INSIDE THE WRAPPING. STORE ALL MEMBERS OFF THE GROUND WITH SPACER BLOCKS SO THAT AIR MAY CIRCULATE AROUND ALL FACES OF THE MEMBERS. KEEP MEMBERS DRY AND PROTECTED FROM UV LIGHT.
     - v. GLUED-LAMINATED TIMBER TO MEET THE FOLLOWING SPECIFICATIONS. ANY SUBSTITUTION MUST HAVE THE WRITTEN APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD.
       - a. SPECIES: DOUGLAS FIR
       - b. BEAM STRESS GRADES: 24F-V4 FOR SINGLE SPAN MEMBERS, 24V-8 FOR MULTI-SPAN OR CANTILEVERED MEMBERS
       - c. ADHESIVE: AITC 405
     - vi. GLULAMS THAT ARE EXPOSED TO WEATHER OR MARINE AIR ENVIRONMENT SHALL BE MANUFACTURERED OR TREATED WITH PERMAPOST KLEAR-GARD 25 OR EQUIVALENT.
     - vii. FIELD NOTCHING OR BORING OF GLULAM MEMBERS IS NOT ALLOWED UNLESS APPROVED BY THE STRUCTURAL ENGINEER OF RECORD.
   - D. STRUCTURAL COMPOSITE LUMBER (SCL):
     - i. STRUCTURAL COMPOSITE LUMBER INCLUDES LAMINATED VENEER LUMBER (LVL).
     - ii. STRUCTURAL COMPOSITE LUMBER PRODUCTS SHALL HAVE A CURRENT ICC-ES REPORT.
     - iii. SCL MEMBERS SHALL HAVE THE FOLLOWING MINIMUM DESIGN PROPERTIES:

SCL MINIMUM PROPERTIES			
SCL TYPE	FLEXURAL STRESS, Fb (PSI)	SHEAR STRESS, Fv (PSI)	MODULUS OF ELASTICITY, E (PSI)
LVL JOISTS/BEAMS	2,600	285	$2.0X10^6$

     - iv. LVL MEMBERS SHALL NOT BE USED IN EXTERIOR APPLICATIONS OR AGAINST CONCRETE UNLESS APPROVED BY THE MANUFACTURER.
     - v. FASTEN MULTI-PLY LVL BEAMS OR JOISTS TOGETHER WITH SDW SCREWS BY SIMPSON STRONG-TIE PER MANUFACTURER REQUIRMENTS OR PER PLAN.
2. WOOD STRUCTURAL PANELS
   - A. ROOF: 15/32" THICK, MINIMUM, 32/16 SPAN RATING. NAILING, UNLESS NOTED OTHERWISE:
     - i. 8d @ 6" O.C. AT PANEL EDGES.
     - ii. 8d @ 12" O.C. AT INTERMEDIATE RAFTERS.
   - B. FLOOR: 19/32" THICK, MINIMUM, 40/20 SPAN RATING. GLUE AND NAILING, UNLESS NOTED OTHERWISE:
     - i. 10d @ 6" O.C. AT PANEL EDGES.
     - ii. 10d @ 12" O.C. AT INTERMEDIATE JOISTS.
     - iii. GLUE ADHESIVES SHALL MEET APA SPECIFICATION AFG-01 OR ASTM D3498.
   - C. WALLS: THICKNESS PER SHEAR WALL SCHEDULE, MINIMUM 32/16 SPAN RATING; PANEL GRADE: APA RATED SHEATHING. NAILING, UNLESS NOTED OTHERWISE:
     - i. 8d @ 6" O.C. AT PANEL EDGES.
     - ii. 8d @ 12 " O.C. AT INTERMEDIATE STUDS.
     - iii. WALL SHEATHING MAY BE INSTALLED EITHER HORIZONTALLY OR VERTICALLY IF WALL STUD SPACING DOES NOT EXCEED 16" O.C. OR IF 15/32" THICK SHEATHING IS USED FOR 24" O.C. STUD SPACING.
     - iv. FASTEN ALL EXTERIOR WALL SHEATHING TO EXTERIOR STUD FRAMING PER THE MINIMUM SHEAR WALL REQUIREMENTS OF THE SHEAR WALL SCHEDULE WHERE THE WALL IS NOT SPECIFICALLY INDICATED AS A SHEAR WALL.
   - D. WOOD STRUCTURAL PANELS SHALL CONFORM TO U.S. DOC PS 1 OR PS 2 AND APA PRP-108 PERFORMANCE STANDARDS.
   - E. ALL SHEATHING PANELS SHALL BE APA RATED, EXPOSURE 1, AND SHALL BE STAMPED WITH THE APA TRADMARK.
   - F. ALL END JOINTS SHALL BE STAGGERED AND END JOINTS INSTALLED AT THE CENTERLINE OF FRAMING. PROVIDE 1/8" GAP BETWEEN PANEL JOINTS.
   - G. SHEET SIZE SHALL BE 4' X 8' EXCEPT AT BOUNDARIES OR FRAMING CHANGES. USE MINIMUM 2' X 2' SHEATHING SIZES.
   - H. THE LONG DIMENSION OF FLOOR OR ROOF SHEATHING PANELS SHALL BE INSTALLED PERPENDICULAR TO SUPPORTS WITH PANEL CONTINUOUS OVER TWO OR MORE SPANS.
   - I. NAILS SHALL BE COMMON WIRE NAILS (NOT BOX OR SINKER NAILS) AND BE PLACED 3/8" MINIMUM FROM THE EDGE OF THE PANELS.
   - J. PANEL NAILING SHALL BE INSPECTED PRIOR TO COVERING BY THE AHJ.
3. FASTENERS, FRAMING ANCHORS, AND CONNECTORS:
   - A. NAILS: ASTM F1667
     - i. NAIL SHANK DIAMETER AND LENGTH SHALL BE SUBMITTED TO THE STRUCTURAL EOR PRIOR TO FRAMING.

FRAMING NAILS		
NAIL TYPE	SHANK DIAMETER (IN.)	MIN. PENETRATION INTO FRAMING MEMBER (IN.)
6d	0.113	1.125
8d	0.131	1.375
10d	0.148	1.5
16d	0.162	1.625

     - ii. NAILS IN CONTACT WITH PRESSURE-TREATED WOOD SHALL BE HOT-DIPPED GALVANIZED
     - iii. NAILS IN CONTACT WITH FIRE-RETARDANT TREATED WOOD SHALL HAVE G185 COATING
   - B. LAG BOLTS AND THRU-BOLTS: ASTM A307
     - i. THRU-BOLT HOLES SHALL BE 1/16" LARGER THAN BOLT DIAMETER UNO. PROVIDE STANDARD CUT WASHER UNDER ALL HEAD AND NUTS FOR BOLTS BEARING ON WOOD.
     - ii. INSTALL LAG BOLTS IN DRILLED PILOT HOLES EQUAL TO 3/4 TIMES THE BOLT SHANK DIAMETER. DO NOT HAMMER OR OVER-DRIVE BOLTS. PROVIDE STANDARD CUT WASHER UNDER ALL LAG BOLT HEADS BEARING ON WOOD.
   - C. WOOD SCREWS:
     - i. WOOD SCREWS SHALL BE PROVIDED AS INDICATED ON THE STRUCTURAL DETAILS.
     - ii. INSTALL ALL SCREWS WITH TORQUE SETTINGS PER THE MANUFACTURER'S REQUIREMENTS.
     - iii. SCREWS SHALL BE INSTALLED IN SINGLE DRIVE AND SHALL NOT BE BACKED OUT AND RE-DRIVEN.
   - D. FRAMING ANCHORS AND CONNECTORS: SIMPSON STRONG-TIE, ICC-ES ESR 2523, OR APPROVED EQUAL.
   - E. METAL CONNECTORS AND FASTENERS IN TREATED LUMBER:
     - i. ALL METAL CONNECTORS AND FASTENERS IN CONTACT WITH TREATED LUMBER SHALL BE STAINLESS STEEL, BATCH/POST HOT-DIP GALVANIZED PER ASTM A123 OR A153, OR PROPRIETARY EQUIVALENTS.
4. WOOD SHRINKAGE AND EXPANSION:
   - A. WOOD MATERIALS WILL EXPAND OR CONTRACT BASED CHANGES OF MOISTURE CONTENT. THE CONTRACTOR IS RESPONSIBLE FOR MITIGATING AND MANAGING THE EFFECTS OF CHANGES IN MOISTURE IN ALL WOOD MATERIAL ON THE JOB SITE AND FOR THE ENTIRE DURATION OF CONSTRUCTION.
   - B. ALL WOOD MEMBERS SHALL BE PROTECTED FROM WEATHER DURING TRANSPORT, STORAGE, AND ERECTION.
5. GENERAL:
   - A. ALL EXTERIOR WOOD SHALL BE TREATED, PAINTED, OR STAINED. MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE OWNER DURING THE LIFETIME OF THE STRUCTURE. FOLLOW THE MANUFACTURER'S RECOMMENDATIONS FOR EXTERIOR APPLICATIONS.

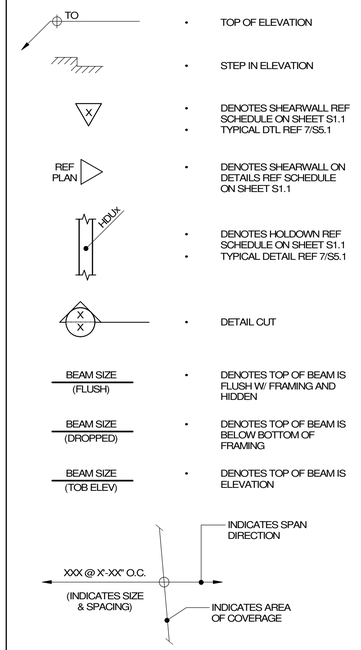
VII. STRUCTURAL TESTS, SPECIAL INSPECTIONS, AND QUALITY CONTROL

1. THE OWNER SHALL EMPLOY ONE OR MORE APPROVED AGENCIES TO PERFORM INSPECTIONS AND TESTS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED ON THE STATEMENT OF SPECIAL INSPECTIONS.
2. THE TESTING AGENCIES AND INSPECTORS SHALL BE APPROVED BY THE PREGON BUILDING OFFICIALS ASSOCIATION SPECIAL INSPECTION PROGRAM.
3. THE CONTRACTOR SHALL COORDINATE THEIR WORK WITH THE SPECIAL INSPECTORS. THE CONSTRUCTION OR WORK FOR WHICH SPECIAL INSPECTION IS REQUIRED SHALL REMAIN ACCESSIBLE AND EXPOSED FOR SPECIAL INSPECTION PURPOSES UNTIL INSPECTIONS ARE COMPLETE
4. IF INITIAL TESTS OR INSPECTIONS MADE BY THE OWNER'S TESTING AGENCY REVEAL THAT ANY PORTION OF THE WORK DOES NOT COMPLY WITH THE CONTRACT DOCUMENTS, ADDITIONAL TESTS, INSPECTIONS, AND NECESSARY REPAIRS WILL BE MADE AT THE CONTRACTOR'S EXPENSE.
5. FOR EACH INSPECTION, VERIFICATION, OR TEST, THE FREQUENCY SHALL CONFORM TO THE RATE INDICATED ON STATEMENT OF SPECIAL INSPECTIONS. THE SPECIAL INSPECTOR SHALL ALSO PERFORM VISUAL INSPECTIONS OF THE COMPLETED WORK TO VERIFY COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS.

VIII. DEFERRED SUBMITTALS

1. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND DESIGN CALCULATIONS PREPARED AND STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE IN WHICH THE PROJECT IS LOCATED FOR THE FOLLOWING DEFERRED DESIGN ITEMS. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.
   - A. ANCHORAGE OF MECHANICAL, ELECTRICAL, PLUMBING, OR MISCELLANEOUS EQUIPMENT WEIGHING MORE THAN 400 POUNDS.

PLAN LEGEND



- TOP OF ELEVATION
- STEP IN ELEVATION
- DENOTES SHEARWALL REF SCHEDULE ON SHEET S1.1
- TYPICAL DTL REF 7/SS.1
- DENOTES SHEARWALL ON DETAILS REF SCHEDULE ON SHEET S1.1
- DENOTES HOLDOWN REF SCHEDULE ON SHEET S1.1
- TYPICAL DETAIL REF 7/SS.1
- DETAIL CUT
- DENOTES TOP OF BEAM IS FLUSH W/ FRAMING AND HIDDEN
- DENOTES TOP OF BEAM IS BELOW BOTTOM OF FRAMING
- DENOTES TOP OF BEAM IS ELEVATION

ABBREVIATION LIST

AB	ANCHOR BOLT
ABV	ABOVE
ARCH'L	ARCHITECTURAL
BLW	BELOW
BTWN	BETWEEN
BD	BOARD
BLKG	BLOCKING
BTM	BOTTOM
BN	BOUNDARY NAILING
CANT	CANTILEVER
CMU	CONCRETE MASONRY UNITS
CL	CENTERLINE
COL	COLUMN
CONC	CONCRETE
CP	CONCRETE PIER
CONN	CONNECTION
DJ	DECK JOIST
DP	DEEP
DBL	DOUBLE
EN	EDGE NAILING
EA	EACH
EW	EACH WAY
ELEV	ELEVATION
(E)	EXISTING
FLR	FLOOR
FJ	FLOOR JOIST
FND	FOUNDATION
FTG	FOOTING
FW	FOUNDATION WALL
GC	GENERAL CONTRACTOR
GA	GAUGE
GN	GENERAL NOTES
GT	GIRDER TRUSS
GL	GLU-LAM
GYP	GYPSUM
HAS	HEADED ANCHOR STUD
HAB	HEADED ANCHOR BOLT
HORIZ	HORIZONTAL
KB	KNEE BRACE
MFR	MANUFACTURER
MECH'L	MECHANICAL
NTS	NOT TO SCALE
(N)	NEW
OC	ON CENTER
OSB	ORIENTED STRAND BOARD
OPN'G	OPENING
OPP	OPPOSITE
PLCS	PLACES
PL	PLATE
PLYWD	PLYWOOD
PT	PRESSURE TREATED
RAD	RADIUS
REF	REFERENCE
REQ'D	REQUIRED
RR	ROOF RAFTER
SHTG	SHEATHING
SIM	SIMILAR
STD	STANDARD
STRUCT'L	STRUCTURAL
SUBFLR	SUBFLOOR
SW	SHEARWALL
TBE	TRUSS BEARING ELEVATION
TO	TOP OF
TOB	TOP OF BEAM ELEVATION
TOF	TOP OF FOOTING ELEVATION
TOP	TOP OF PIER ELEVATION
TOS	TOP OF SLAB ELEVATION
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VIF	VERIFY IN FIELD
VERT	VERTICAL
WWF	WELDED WIRE FABRIC

SHEET LIST

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

Cushing Terrell
2140 JEFFERSON ST., STE 200
PORTLAND, OR 97201
CUSHINGTERRELL.COM (503) 395-1229
CT Project #: 24-10-245

STRUCTURAL REGISTERED PROFESSIONAL ENGINEER
88219PE
OREGON
NOV. 12, 2019
TODD McKINNON YOUNG
EXPIRES: 6/30/2026

PORT ORFORD COMMUNITY BUILDING REMODEL

PROJECT NO.: 18.27.2

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

#	DATE	DESCRIPTION

DATE: 1.31.2025

SHEET TITLE:

GENERAL STRUCTURAL NOTES & SIS

S0.1

STATEMENT OF SPECIAL INSPECTIONS

NOTES:

1. SPECIAL INSPECTIONS SHALL CONFORM TO SECTION 1705 OF THE 2022 OSSC, CONTRACT DOCUMENTS AND APPROVED SUBMITTALS. REFER TO SPECIAL INSPECTION AND TESTING TABLES FOR PROJECT REQUIREMENTS.
2. THE SPECIAL INSPECTOR SHALL OBSERVE THE INDICATED WORK FOR COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION AND NOTED IN THE INSPECTION REPORTS.
3. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS FOR EACH INSPECTION TO THE BUILDING OFFICIAL, STRUCTURAL ENGINEER, ARCHITECT, CONTRACTOR, AND OWNER. THE SPECIAL INSPECTION AGENCY SHALL SUBMIT A FINAL REPORT STATING THAT THE WORK REQUIRING SPECIAL INSPECTION WAS INSPECTED AND IS IN CONFORMANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS AND THAT ALL DISCREPANCIES NOTED IN THE INSPECTION REPORTS HAVE BEEN CORRECTED.
4. SPECIAL INSPECTION OF MECHANICAL POST INSTALLED ANCHORS SHALL BE IN STRICT CONFORMANCE WITH THE ICC REPORT AND MANUFACTURER'S INSTALLATION REQUIREMENTS. ANCHOR INSTALLERS SHALL BE QUALIFIED AS REQUIRED BY JURISDICTION REQUIREMENTS.
   A. INSPECTION REPORTS SHALL IDENTIFY NAMES OF INSTALLERS.
   B. SPECIAL INSPECTOR SHALL PROVIDE DOCUMENTATION AT THE END OF ANCHOR INSTALLATIONS STATING THAT THE ANCHORS WERE INSPECTED PER APPROVED ANCHOR EVALUATION REPORT.

INSPECTION TYPES:

CONTINUOUS - THE FULL-TIME OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED.
PERIODIC: THE PART-TIME OR INTERMITTENT OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF THE WORK.
OBSERVE: OBSERVE THESE FUNCTIONS ON A RANDOM, DAILY BASIS. OPERATIONS NEED NOT BE DELAYED PENDING OBSERVATIONS.
PERFORM: INSPECTIONS SHALL BE PERFORMED PRIOR TO THE FINAL ACCEPTANCE OF THE ITEM.

GENERAL - SPECIAL INSPECTIONS					
SYSTEM OR MATERIAL	IBC CODE REFERENCE	CODE OR STANDARD REFERENCE	FREQUENCY		REMARKS
			CONTINUOUS	PERIODIC	
POST INSTALLED MECHANICAL ANCHORS AND ADHESIVE ANCHORS (EXCLUDING CONDITIONS NOTED ABOVE) IN HARDENED CONCRETE AND COMPLETED MASONRY				X	

CONCRETE - SPECIAL INSPECTIONS					
SYSTEM OR MATERIAL	IBC CODE REFERENCE	CODE OR STANDARD REFERENCE	FREQUENCY		REMARKS
			CONTINUOUS	PERIODIC	
GENERAL	1705.3 1901.6	ACI 318: 26.13			SPECIAL INSPECTIONS OF CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF SECTION 1705.3 OF THE IBC AND SECTION 26.13 OF ACI 318.
REINFORCING STEEL PLACEMENT	1901.5	ACI 318: CH. 20, 25.2, 25.3, 26.6.1-26.6.3		X	REINFORCING TO COMPLY WITH ALL CODE PROTECTION, SPACING AND TOLERANCE LIMITS.
VERIFYING USE OF REQUIRED MIX DESIGN(S)	1904.1 1904.2	ACI 318: CH. 19, 26.4.3, 26.4.4		X	
CONCRETE SPECIMENS FOR TESTING		ASTM C172 ASTM C31 ACI 318: 26.5, 26.12	X		PRIOR TO CONCRETE PLACEMENT, FABRICATE CONCRETE SPECIMENS FOR TESTING. SEE THE CONCRETE TESTING TABLE FOR ADDITIONAL INFORMATION.
CONCRETE PLACEMENT		ACI 318: 26.5, 26.13.3.2(a)	X		
CONCRETE CURING		ACI 318: 26.5.3 - 26.5.5		X	VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURES AND TECHNIQUES

CONCRETE - TESTING				
SYSTEM OR MATERIAL	IBC CODE REFERENCE	CODE OR STANDARD REFERENCE	FREQUENCY	REMARKS
CONCRETE STRENGTH	1705.3 ASTM C172 ASTM C 31 ACI 318 26.12, ACI 318 26.5	ASTM C39	EACH 150 CY NOR LESS THAN EACH 5000 SF OF SLAB OR WALL PLACED EACH SHIFT	FABRICATE SPECIMENS AT TIME FRESH CONCRETE IS PLACED
CONCRETE SLUMP		ASTM C143		
CONCRETE AIR CONTENT		ASTM C231		
CONCRETE TEMPERATURE		ASTM C1064		

WOOD - SPECIAL INSPECTIONS					
SYSTEM OR MATERIAL	IBC CODE REFERENCE	CODE OR STANDARD REFERENCE	FREQUENCY		REMARKS
			CONTINUOUS	PERIODIC	
WOOD - REQUIRED SEISMIC RESISTANCE INSPECTIONS					
FIELD GLUING OF DIAPHRAGM AND SHEAR WALL ELEMENTS	1705.12.2		X		
CONNECTIONS FOR DIAPHRAGM CHORDS, COLLECTORS, BRACING, AND SHEAR WALL ANCHORAGE AND HOLDOWNS	1705.12.2			X	ALL FASTENERS/CONNECTIONS VISUALLY INSPECTED
FASTENING OF DIAPHRAGM AND SHEAR WALL SHEATHING WITH EDGE NAILING < 4"	1705.12.2			X	FOR WOOD SHEAR WALLS, SHEAR PANELS, AND DIAPHRAGMS. THIS INCLUDES NAILING, BOLTING, ANCHORING AND OTHER FASTENING TO OTHER COMPONENTS IN THE SEISMIC FORCE RESISTING SYSTEM
WOOD - REQUIRED WIND RESISTANCE INSPECTIONS					
NAILING, BOLTING, ANCHORING, AND OTHER FASTENING OF COMPONENTS WITHIN THE MAIN WIND-FORCE RESISTING SYSTEM, INCLUDING WOOD SHEAR WALLS, WOOD DIAPHRAGMS, COLLECTORS, BRACES, AND HOLDOWNS	1705.11.1			X	SPECIAL INSPECTIONS ARE NOT REQUIRED FOR WOOD SHEAR WALLS AND DIAPHRAGMS WHERE FASTENER SPACING IS MORE THAN 4 INCHES ON CENTER. REFER TO TABLE 2 FOR MATERIAL SPECIFIC REQUIREMENTS
FIELD GLUING OPERATIONS OF ELEMENTS OF MAIN WIND-FORCE-RESISTING SYSTEM.	1705.11.1		X		

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

Cushing Terrell
2140 JEFFERSON ST., STE 200
PORTLAND, OR 97201
CUSHINGTERRELL.COM (503) 395-1229
CT Project #: 24-10-245

STRUCTURAL REGISTERED PROFESSIONAL ENGINEER
86219PE
OREGON
NOV. 12, 2015
TODD McKINNON YOUNG
EXPIRES: 6/30/2026

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

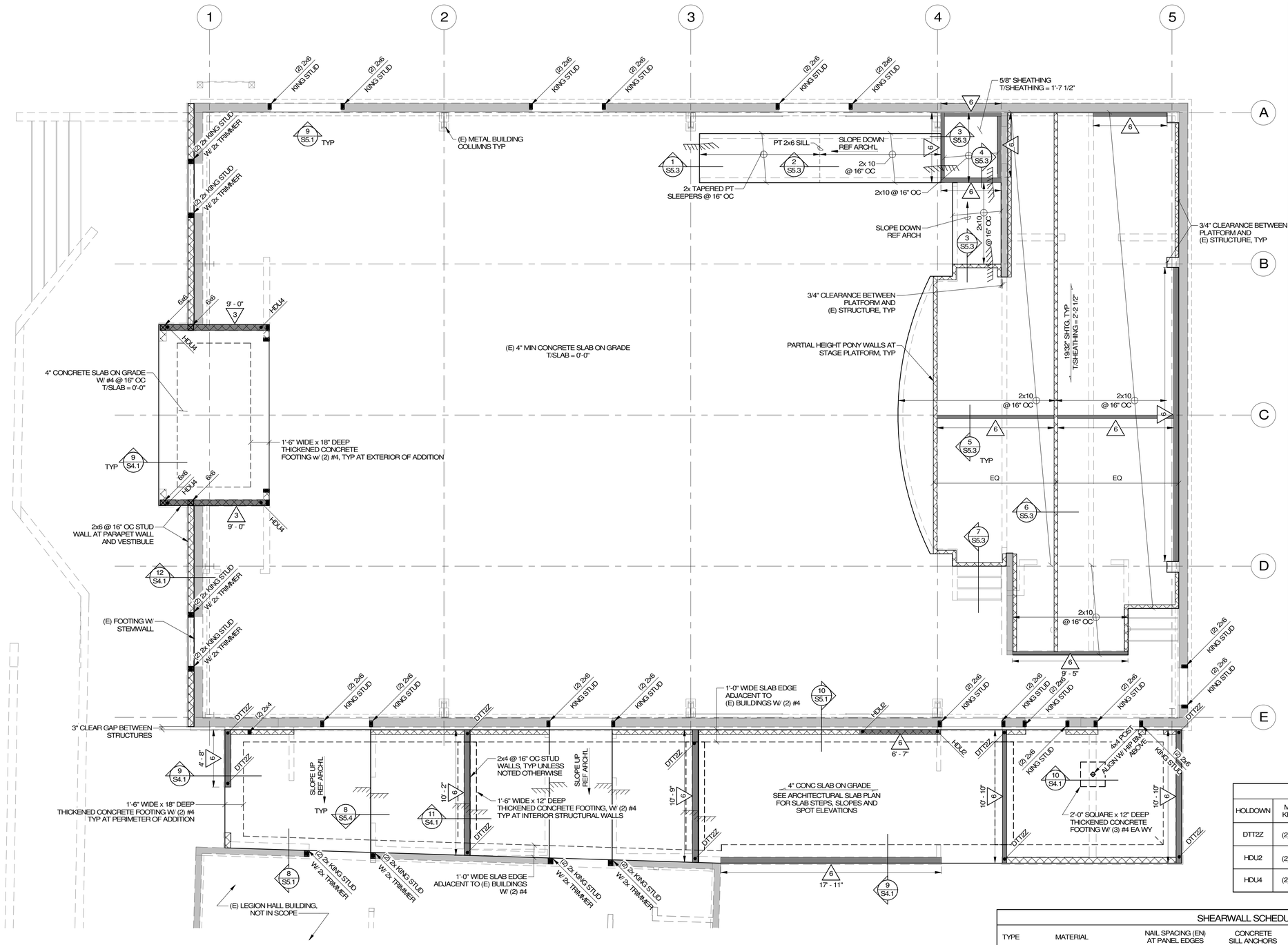
REVISIONS:

#	DATE	DESCRIPTION

DATE: 1.31.2025

SHEET TITLE:
STATEMENT OF SPECIAL INSPECTIONS

S0.2



FOUNDATION PLAN

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

PLAN LEGEND:

- DENOTES POST ABOVE. USE MIN (2) 2x DF #2 OR FULL WIDTH OF SUPPORTING ELEMENT AND MATCHING WALL WIDTH UNO.
- DENOTES WALL ABOVE
- DENOTES EXISTING WALL ABOVE
- DENOTES (N) INTERIOR BRG WALLS

FOUNDATION NOTES

REF STRUCTURAL NOTES, SHEET S0.1, FOR DESIGN CRITERIA AND ABBREVIATIONS

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECT. (ALL EXISTING DIMENSIONS TO BE FIELD VERIFIED PRIOR TO COMMENCING CONSTRUCTION.)
2. TOP OF SLAB (TOS) ELEVATION ASSUMED TO BE AT 0'-0". FOR ACTUAL SLAB ELEVATION REFER TO ARCHITECTURAL DRAWINGS. REFERENCE ARCHITECTURAL DRAWINGS FOR ANY VAPOR BARRIER REQUIREMENTS.
3. ALL FOUNDATION SUBGRADES AND EXCAVATIONS ARE TO BE CONSTRUCTED ON UNDISTURBED NATIVE SOIL OR ENGINEERED FILL. BOTTOM OF ALL EXTERIOR FOOTINGS TO BEAR A MINIMUM OF 1'-6" BELOW LOWEST ADJACENT FINISHED GRADE, UNO. BOTTOM OF ALL INTERIOR FOOTINGS SHALL BEAR A MINIMUM OF 12" BELOW FINISHED FLOOR, UNO.
4. ALL WOOD EXPOSED TO CONCRETE, WEATHER, OR WITHIN 8" OF FINISHED GRADE SHALL BE PRESSURE TREATED.
5. UNO, SILL PLATES AT ALL EXTERIOR WALLS, AND INTERIOR BEARING WALLS, SHALL BE ATTACHED WITH 5/8-INCH DIAMETER x 10-INCH LONG (12-INCH LONG FOR 3x SILLS) ANCHOR BOLTS AT 4'-0" OC MAXIMUM SPACING, WITH MINIMUM TWO BOLTS PER SILL LOCATED NOT MORE THAN 12-INCHES AND NOT LESS THAN 5-INCHES FROM EACH END. ALL ANCHOR BOLTS SHALL BE EMBEDDED A MINIMUM OF 7-INCHES. ALL SILL ANCHOR BOLTS, HOLDOWN ANCHOR BOLTS, AND EMBEDDED HOLDOWNS SHALL BE SECURELY TIED IN PLACE PRIOR TO PLACING CONCRETE. REFERENCE SHEAR WALL SCHEDULE FOR ADDITIONAL AB INFORMATION.

SHEARWALL LEGEND

- PANEL TYPE REF SHEAR WALL SCHEDULE (X-X")
- MIN PANEL WIDTH
- DENOTES SHEATH & NAIL ENTIRE WALL AND AROUND OPENINGS
- DENOTES SHEAR WALLS
- HDUx — DENOTES SIMPSON HOLDOWN REF SHEAR WALL SCHEDULE AND DETAIL
- 7 S5.1 — SHEAR WALL SHALL BE CONSTRUCTED

HOLDOWN SCHEDULE

HOLDOWN	MIN KING	ANCHOR BOLT	EMBEDMENT (MIN)
DTT2Z	(2) 2x	1/2"Ø HEADED ANCHOR ROD	7"
HDU2	(2) 2x	SB5/8x24	18"
HDU4	(2) 2x	SB5/8x24	18"

SHEARWALL SCHEDULE

TYPE	MATERIAL	NAIL SPACING (EN) AT PANEL EDGES	CONCRETE SILL ANCHORS	RIM
6	7/16" CDX OR OSB PLYWOOD	8d @ 6"	5/8" @ 32"	A35 @ 24"
4	7/16" CDX OR OSB PLYWOOD	8d @ 4"	5/8" @ 24"	A35 @ 16"
3 a	7/16" CDX OR OSB PLYWOOD	8d @ 3"	5/8" @ 24"	A35 @ 12"

GENERAL NOTES:

1. STUDS SHALL BE SPACED AT 16" OC MAXIMUM OR PER PLAN NOTES (PLYWOOD MAY BE INSTALLED EITHER VERTICALLY OR HORIZONTALLY). IF STUDS ARE SPACED AT 24" OC, PLYWOOD PANELS SHALL BE INSTALLED WITH LONG DIMENSION ACROSS STUDS.
2. SPACE NAILS AT 12" OC MAXIMUM ALONG INTERMEDIATE FRAMING MEMBERS (FIELD NAILING).
3. ALL UNSUPPORTED PANEL EDGES SHALL BE BLOCKED AND EDGE-NAILED (EN).
4. USE ONLY COMMON OR BOX NAILS (GALVANIZED) FOR ALL PANEL AND SILL PLATE NAILING (GALVANIZED NAILS SHALL BE HOT-DIPPED OR TUMBLED).
5. ALL SHEAR PANELS ARE TO BE CONTINUOUS BETWEEN HORIZONTAL DIAPHRAGMS (ROOF TO FLOOR, FLOOR TO FLOOR, FLOOR TO FOUNDATION).
6. SILL ANCHOR BOLTS SHALL BE CAST-IN-PLACE AND SHALL HAVE A 7" MINIMUM EMBEDMENT INTO CONCRETE OR MASONRY. THERE SHALL BE A MINIMUM OF TWO ANCHOR BOLTS PER PIECE OF SILL PLATE, WITH ONE BOLT LOCATED NOT MORE THAN 12" NOR LESS THAN 4" FROM EACH END.
7. PLATE WASHERS (3"x3"x0.229" THICK, MINIMUM) SHALL BE USED ON ALL SILL ANCHOR BOLTS. THE PLATE WASHER SHALL EXTEND TO WITHIN 1/2" OF THE EDGE OF THE SILL PLATE.
8. 3x MEMBERS MAY BE SUBSTITUTED WITH (2) 2x MEMBERS NAILED TOGETHER WITH 10d NAILS @ 4" OC.

FOOTNOTES:

a. STUDS AND/OR BLOCKING AT ADJOINING PANEL EDGES SHALL BE 3x MINIMUM AND NAILS SHALL BE STAGGERED. SILL PLATES SHALL BE 3x MINIMUM.

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

Cushing Terrell
2140 JEFFERSON ST., STE 200
PORTLAND, OR 97201
CUSHINGTERRELL.COM (503) 395-1229
CT Project #: 24-10-245

STRUCTURAL REGISTERED PROFESSIONAL ENGINEER
66219PE
OREGON
NOV. 12, 2015
TODD McKINNON YOUNG
EXPIRES: 6/30/2026

PROJECT NO.: 18.27.2

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

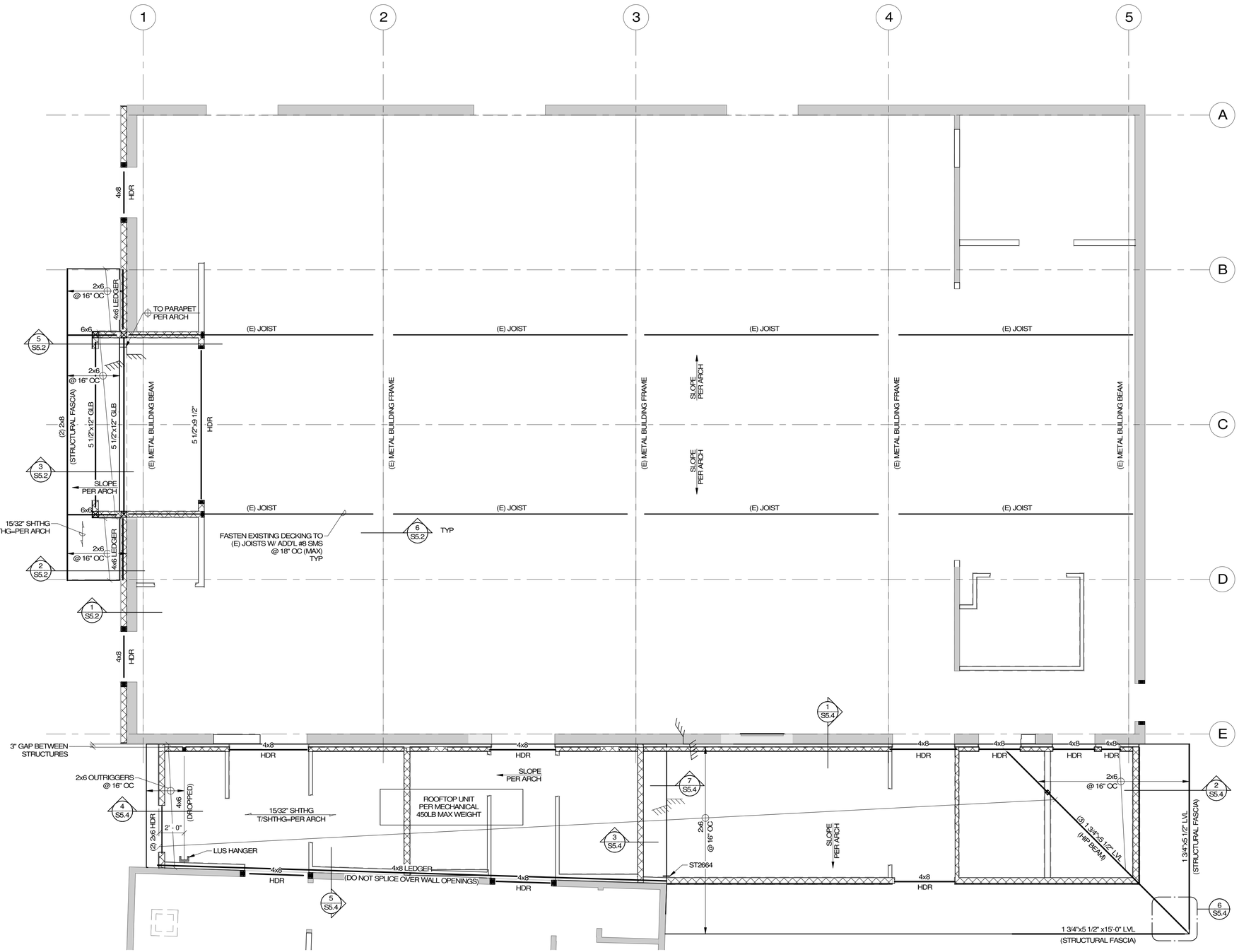
#	DATE	DESCRIPTION

DATE: 1.31.2025

SHEET TITLE: **FOUNDATION PLAN**

S1.1

1/29/2025 6:17:38 PM Z:\Engineering\Project Files\2024\10 - October\24-10-245 - Port Orford Community Building Remodel\04 - drafting\24-10-245 Port Orford Community Building_strct25.rvt



ROOF FRAMING PLAN

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

PLAN LEGEND:

- ⊠ · DENOTES POST BELOW. USE MIN (2) 2x DF #2 OR FULL WIDTH OF SUPPORTING ELEMENT AND MATCHING WALL WIDTH, UNO
- · DENOTES WALL BELOW
- · DENOTES EXISTING WALL BELOW
- · DENOTES INTERIOR BRG WALLS
- 4 / S5.1 · TOP PLATES SHALL BE SPLICED

ROOF FRAMING NOTES

REF STRUCTURAL NOTES, SHEET S0.1, FOR DESIGN CRITERIA AND ABBREVIATIONS

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECT. ALL EXISTING DIMENSIONS TO BE FIELD VERIFIED PRIOR TO COMMENCING CONSTRUCTION.
2. WALL FRAMING SHALL BE 2x STUDS AT 16" OC UNLESS NOTED OTHERWISE. PROVIDE CONTINUOUS DOUBLE 2X TOP PLATES WITH MINIMUM 48" LAP-SPLICE WITH (8) 16d OR (12) 10d COMMON NAILS MINIMUM, STAGGERED UNO.
3. UNO, USE DOUBLE 2x TRIMMERS FOR HEADER SPANS EXCEEDING 6 FT FASTENED WITH 10d AT 4" OC AND 4x TRIMMERS FOR HEADER SPANS EXCEEDING 10 FT. USE A DOUBLE 2x KING STUD FASTENED WITH 10d AT 4" OC, IN ADDITION TO TRIMMER, WHERE A HOLDOWN IS SPECIFIED.
4. PROVIDE SOLID BLOCKING OVER ALL SHEAR/BEARING WALLS. AT SHEAR WALLS PARALLEL TO FRAMING, ALIGN JOIST/TRUSS OVER SHEAR WALL (ADDITIONAL JOISTS/TRUSSES MAY BE REQUIRED FOR NAILING REQUIREMENTS)
5. BOLT HOLES IN WOOD MEMBERS SHALL BE DRILLED A MINIMUM OF 1/32-INCH TO A MAXIMUM OF 1/16-INCH, LARGER THAN THE BOLT DIAMETER.
6. UNO, USE ONLY FULL-HEAD COMMON WIRE NAILS FOR ALL DIAPHRAGM NAILING (FLOOR/ROOF SHEATHING AND SHEARWALLS) AND CONNECTING HARDWARE (FRAMING CLIPS, STRAPS, POST CAPS, ETC)
7. WALL SHEATHING: ALL NEW EXTERIOR WALLS NOT SPECIFICALLY DENOTED AS SHEAR WALLS SHALL BE CONSTRUCTED AS TYPE '6' SHEAR WALLS.
8. ROOF SHEATHING: 19/32-INCH APA-RATED SHEATHING 40/20 W/ 8d AT 6", 6", 12" OC (BOUNDARY, EDGE, FIELD) WITH FACE-GRAIN PERPENDICULAR TO JOISTS.

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

Cushing Terrell
2140 JEFFERSON ST., STE 200
PORTLAND, OR 97201
CUSHINGTERRELL.COM (503) 395-1229
CT Project #: 24-10-245

STRUCTURAL REGISTERED PROFESSIONAL ENGINEER
88219PE
OREGON
NOV. 12, 2015
TODD McKINNON YOUNG
EXPIRES: 6/30/2026

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

#	DATE	DESCRIPTION

DATE: 1.31.2025

SHEET TITLE: **ROOF FRAMING PLAN**

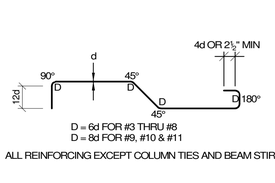
S2.2

1/29/2025 6:17:38 PM Z:\Engineering\Project Files\2024\10 - October\24-10-245 - Port Orford Community Building Remodel\04 - drafting\24-10-245 Port Orford Community Building_strct25.rvt

REBAR LAP SCHEDULE IN CONCRETE		
F'c = 3000 PSI		
BAR SIZE	LAP	
	BARS IN TENSION	Ld
#3	22"	17"
#4	29"	22"
#5	36"	28"
#6	43"	33"
F'c = 4000 PSI		
BAR SIZE	LAP	
	BARS IN TENSION	Ld
#3	20"	15"
#4	25"	19"
#5	32"	24"
#6	38"	29"

NOTE: GRADE 60 REINF.

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

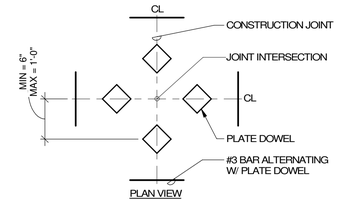


D = 6d FOR #3 THRU #8
D = 8d FOR #9, #10 & #11

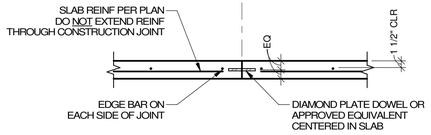
ALL REINFORCING EXCEPT COLUMN TIES AND BEAM STIRRUPS

5 STD HOOKS, BENDS
SCALE: 3/4" = 1'-0"

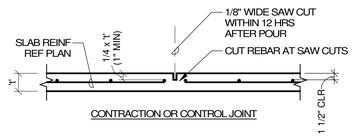
t (in)	DOWEL	MAX SPACING, S (in)
4-6	1/4"x4 1/2" SQ W/ #3 x 24" LONG	24" ALTERNATING 24" ALTERNATING
7-8	3/8"x4 1/2" SQ W/ #3 x 24" LONG	24" ALTERNATING 24" ALTERNATING



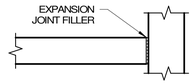
PLAN VIEW



CONSTRUCTION JOINT



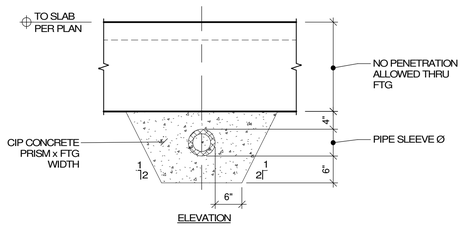
CONTRACTION OR CONTROL JOINT



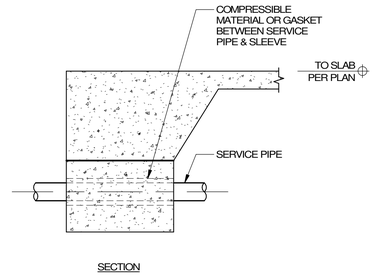
ISOLATION JOINT

NOTES:
1. CONTRACTOR OPTION, SAW CUT OR POUR STOP.
2. REF ARCH'L FOR BELOW SLAB VAPOR BARRIER.
3. REF GEOTECHNICAL REPORT FOR BELOW SLAB PREPARATION.
4. REF GENERAL NOTES, SHEET , FOR SPACING REQUIREMENTS.
5. SAW CUT DEPTH TO BE 1/3 x 't' IF SLAB MIX USES FIBERS.

6 TYPICAL CONCRETE CONTROL JOINT
SCALE: 3/4" = 1'-0"

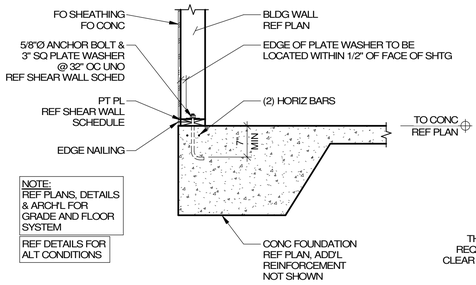


ELEVATION

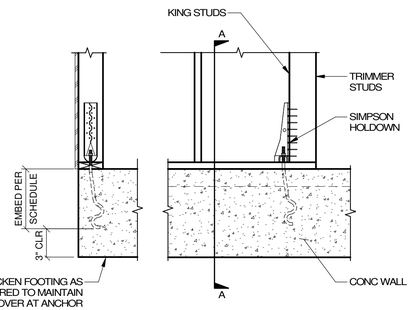


SECTION

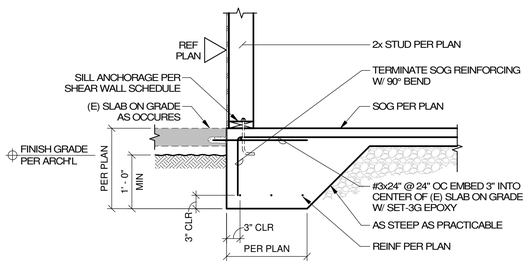
3 TYP PIPE PENETRATION THRU WALL OR BELOW FOOTING
SCALE: 3/4" = 1'-0"



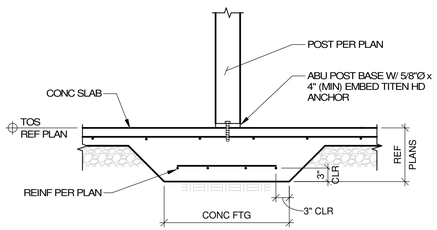
7 TYP STUD WALL TO CONC WALL
SCALE: 3/4" = 1'-0"



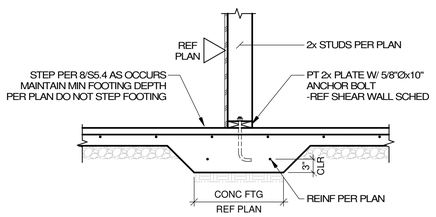
8 TYP HOLDOWN
SCALE: 3/4" = 1'-0"



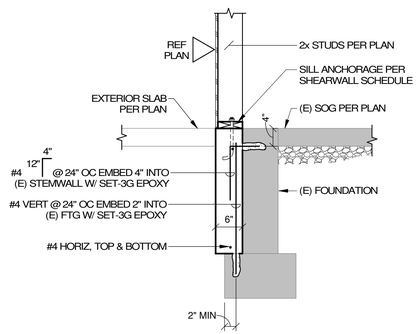
9 TYPICAL THICKENED SLAB EDGE FOOTING
SCALE: 3/4" = 1'-0"



10 TYP INTERIOR SLAB SPREAD FOOTING
SCALE: 3/4" = 1'-0"



11 TYP INTERIOR SLAB STRIP FTG
SCALE: 3/4" = 1'-0"



12 THICKENED STEMWALL AT FRONTAGE
SCALE: 3/4" = 1'-0"

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

Cushing Terrell
2140 JEFFERSON ST., STE 200
PORTLAND, OR 97201
CUSHINGTERRELL.COM (503) 395-1229
CT Project #: 24-10-245

STRUCTURAL REGISTERED PROFESSIONAL ENGINEER
86219PE
OREGON
NOV. 12, 2015
TODD McKINNON YOUNG
EXPIRES: 6/30/2026

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

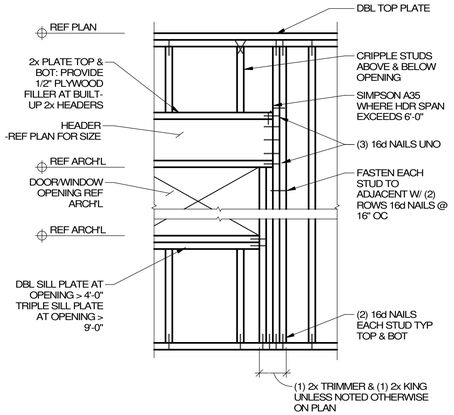
#	DATE	DESCRIPTION

DATE: 1.31.2025

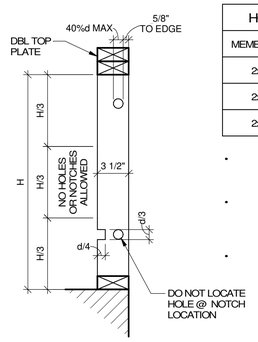
SHEET TITLE:
STRUCTURAL DETAILS

S4.1

1/29/2025 6:17:39 PM Z:\Engineering\Project Files\2024\10 - October\24-10-245 - Port Orford Community Building Remodel\04 - drafting\24-10-245 Port Orford Community Building_strct25.rvt

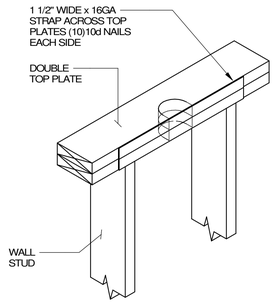


1 TYPICAL HEADER FRAMING
SCALE: 3/4" = 1'-0"

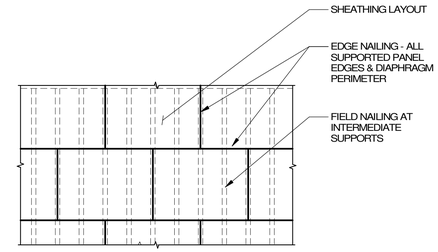


HOLE & NOTCH SIZE SCHEDULE			
MEMBER (d)	d/3	d/4	d/6
2x4	1 1/8"	7/8"	5/8"
2x6	1 3/4"	1 3/8"	7/8"
2x8	2 5/8"	1 3/4"	1 1/8"

- DBL STUD IF HOLE IS BETWEEN 40% AND 60% OF d. NO MORE THAN 2 SUCCESSIVE STUDS
- REFERENCE IRC SECTION 602 FOR LIMITATIONS AND ADDITIONAL REQUIREMENTS FOR NON-BEARING STUD WALLS
- HOLES OR NOTCHES ARE NOT ALLOWED IN BEAMS, HEADERS, RAFTERS OR JOISTS UNLESS APPROVED BY THE ENGINEER.



2 NOTCHING & HOLE LIMITATIONS
SCALE: 1 1/2" = 1'-0"



NOTES:
1. MIN EDGE DISTANCE FOR NAILS SHALL BE 3/8"
2. MIN SHEATHING SHEET SIZE SHALL BE 2'-0"x4'-0"
3. NAILS SHALL NOT BE OVERDRIVEN
4. NAILS SHALL BE COMMON WIRE TYPE OR APPROVED EQUAL.

3 TYP ROOF SHEATHING
SCALE: 1" = 1'-0"

4 TYPICAL DOUBLE TOP PLATE SPLICE
SCALE: 3/4" = 1'-0"

5 WOOD BEAM TO WOOD POST
SCALE: 3/4" = 1'-0"

6 INTERIOR BEARING WALL SUPPORT
SCALE: 3/4" = 1'-0"

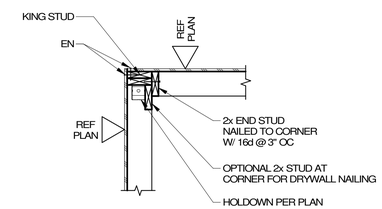
NOTES:
1. MIN EDGE DISTANCE FOR NAILS SHALL BE 3/8"
2. MIN SHEATHING SHEET SIZE SHALL BE 2'-0"x4'-0"

7 TYPICAL SHEARWALL
SCALE: 3/4" = 1'-0"

8 THICKENED SLAB EDGE AT LEGION HALL
SCALE: 3/4" = 1'-0"

9 NEW OPENING IN (E) METAL BUILDING WALL
SCALE: 3/4" = 1'-0"

10 THICKENED SLAB EDGE AT LEGION HALL
SCALE: 3/4" = 1'-0"



11 HOLDOWNS @ CORNER CONDITION
SCALE: 3/4" = 1'-0"

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

Cushing Terrell
2140 JEFFERSON ST., STE 200
PORTLAND, OR 97201
CUSHINGTERRELL.COM (503) 395-1229
CT Project #: 24.10.245

STRUCTURAL REGISTERED PROFESSIONAL ENGINEER
88219PE
OREGON
NOV. 12, 2015
TODD McKINNON YOUNG
EXPIRES: 6/30/2026

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD
421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

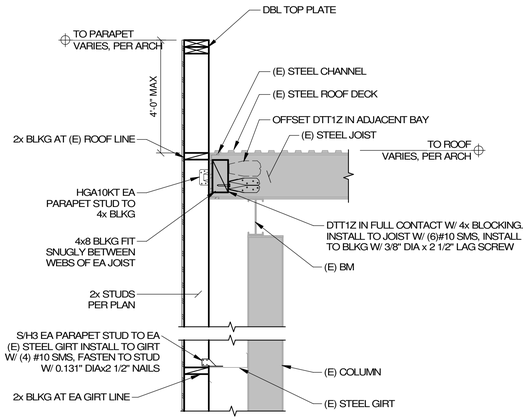
REVISIONS:

#	DATE	DESCRIPTION

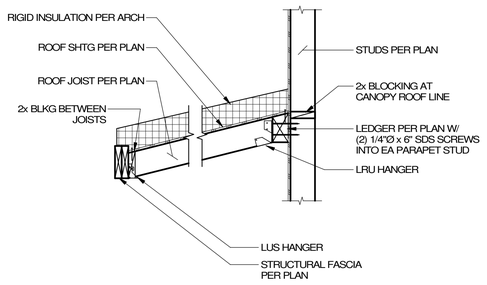
DATE: 1.31.2025

SHEET TITLE:
STRUCTURAL DETAILS

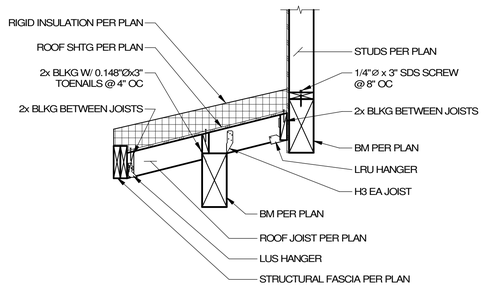
S5.1



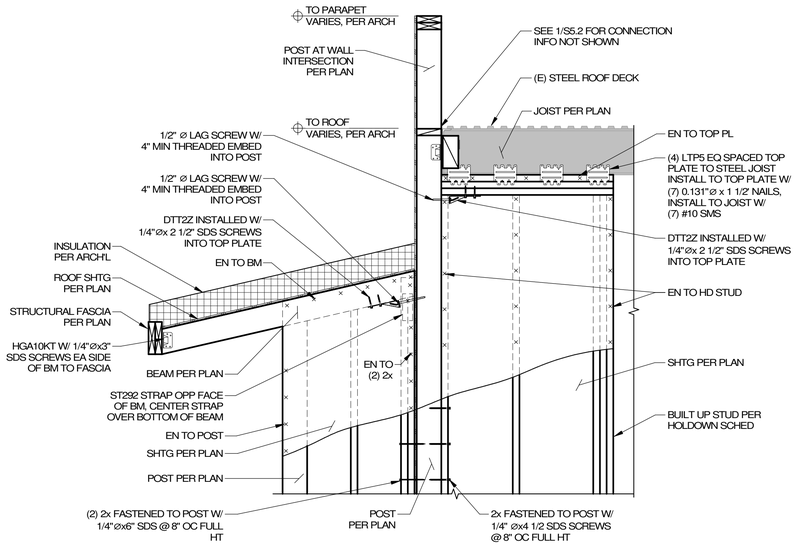
1 DECK TIE AT JOISTS PERPENDICULAR
SCALE: 3/4" = 1'-0"



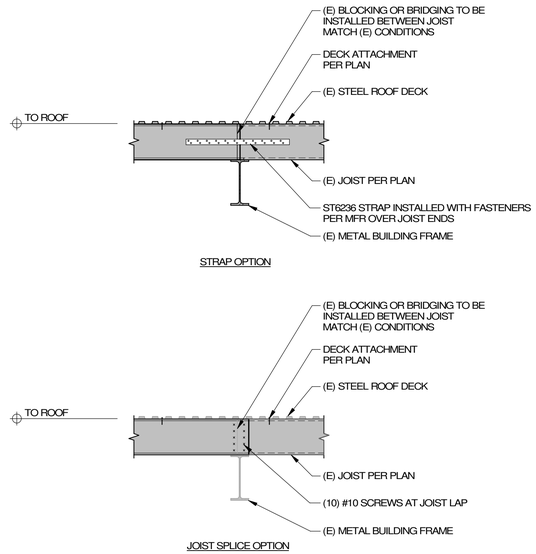
2 CANOPY AT WALL
SCALE: 3/4" = 1'-0"



3 CANOPY AT VESTIBULE
SCALE: 3/4" = 1'-0"



5 SECTION AT VESTIBULE SHEARWALL
SCALE: 3/4" = 1'-0"



6 JOIST LAP
SCALE: 3/4" = 1'-0"

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

Cushing Terrell
2140 JEFFERSON ST., STE 200
PORTLAND, OR 97201
CUSHINGTERRELL.COM (503) 395-1229
CT Project #: 24-10-245

STRUCTURAL REGISTERED PROFESSIONAL ENGINEER
88219PE
OREGON
NOV. 12, 2015
TODD McKINNON YOUNG
EXPIRES: 6/30/2026

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD
421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

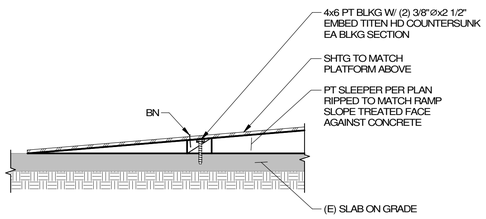
#	DATE	DESCRIPTION

DATE: 1.31.2025

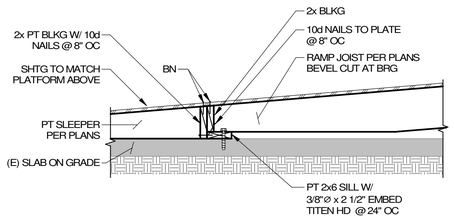
SHEET TITLE:
STRUCTURAL DETAILS

S5.2

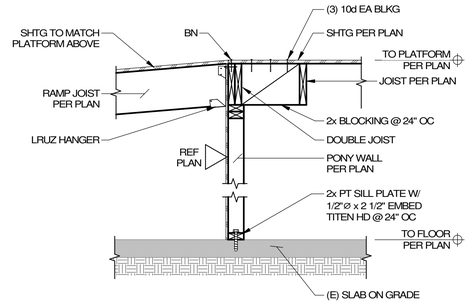
1/29/2025 6:17:39 PM Z:\Engineering\Project Files\2024110 - October\24-10-245 - Port Orford Community Building Remodel\04 - drafting\24-10-245 Port Orford Community Building_strct25.rvt



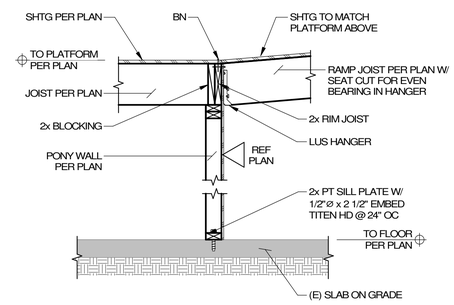
1 RAMP AT BASE
SCALE: 3/4" = 1'-0"



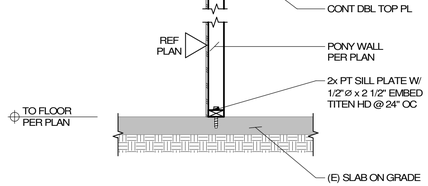
2 MID RAMP SUPPORT
SCALE: 3/4" = 1'-0"



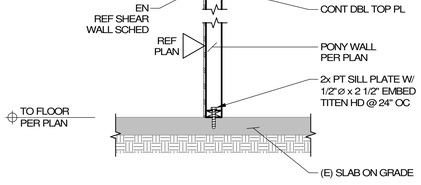
3 TOP OF RAMP TO PLATFORM
SCALE: 3/4" = 1'-0"



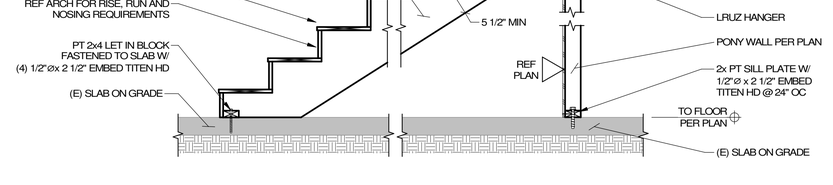
4 BOTTOM OF RAMP TO PLATFORM
SCALE: 3/4" = 1'-0"



5 PLATFORM WALL SECTION - JOISTS PARALLEL
SCALE: 3/4" = 1'-0"



6 PLATFORM WALL SECTION - JOISTS PERP
SCALE: 3/4" = 1'-0"



7 WOOD STAIR SECTION
SCALE: 3/4" = 1'-0"

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

Cushing Terrell
2140 JEFFERSON ST., STE 200
PORTLAND, OR 97201
CUSHINGTERRELL.COM (503) 395-1229
CT Project #: 24-10-245

STRUCTURAL REGISTERED PROFESSIONAL ENGINEER
88219PE
OREGON
NOV. 12, 2015
TODD McKINNON YOUNG
EXPIRES: 6/30/2026

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

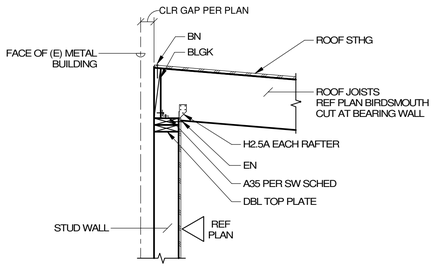
REVISIONS:

#	DATE	DESCRIPTION

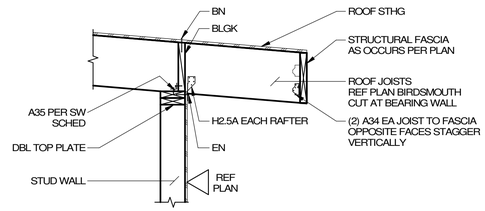
DATE: 1.31.2025

SHEET TITLE:
STRUCTURAL DETAILS

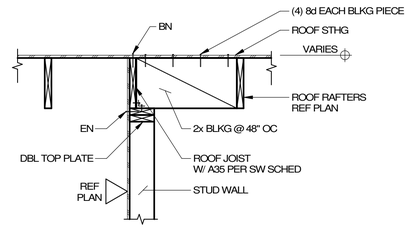
S5.3



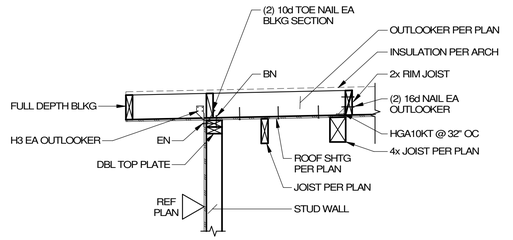
1 BEARING WALL AT (E) BUILDING
SCALE: 3/4" = 1'-0"



2 BEARING WALL AT EXTERIOR
SCALE: 3/4" = 1'-0"



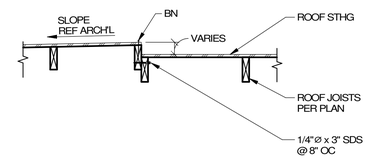
3 SHEARWALL AT JOIST PARALLEL
SCALE: 3/4" = 1'-0"



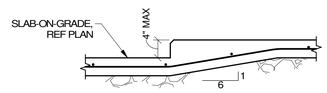
4 OVERFRAMED OUTLOOKER SECTION
SCALE: 3/4" = 1'-0"

5 CANOPY LEDGER JOISTS PERPENDICULAR
SCALE: 3/4" = 1'-0"

6 CANOPY LEDGER JOISTS PERPENDICULAR
SCALE: 3/4" = 1'-0"



7 OVERFRAMED OUTLOOKER SECTION
SCALE: 3/4" = 1'-0"



8 TYPICAL STEP IN SLAB ON GRADE
SCALE: 3/4" = 1'-0"

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

Cushing Terrell
2140 JEFFERSON ST., STE 200
PORTLAND, OR 97201
CUSHINGTERRELL.COM (503) 395-1229
CT Project #: 24.10.245

STRUCTURAL REGISTERED PROFESSIONAL ENGINEER
86219PE
OREGON
NOV. 12, 2015
TODD McKINNON YOUNG
EXPIRES: 6/30/2026

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

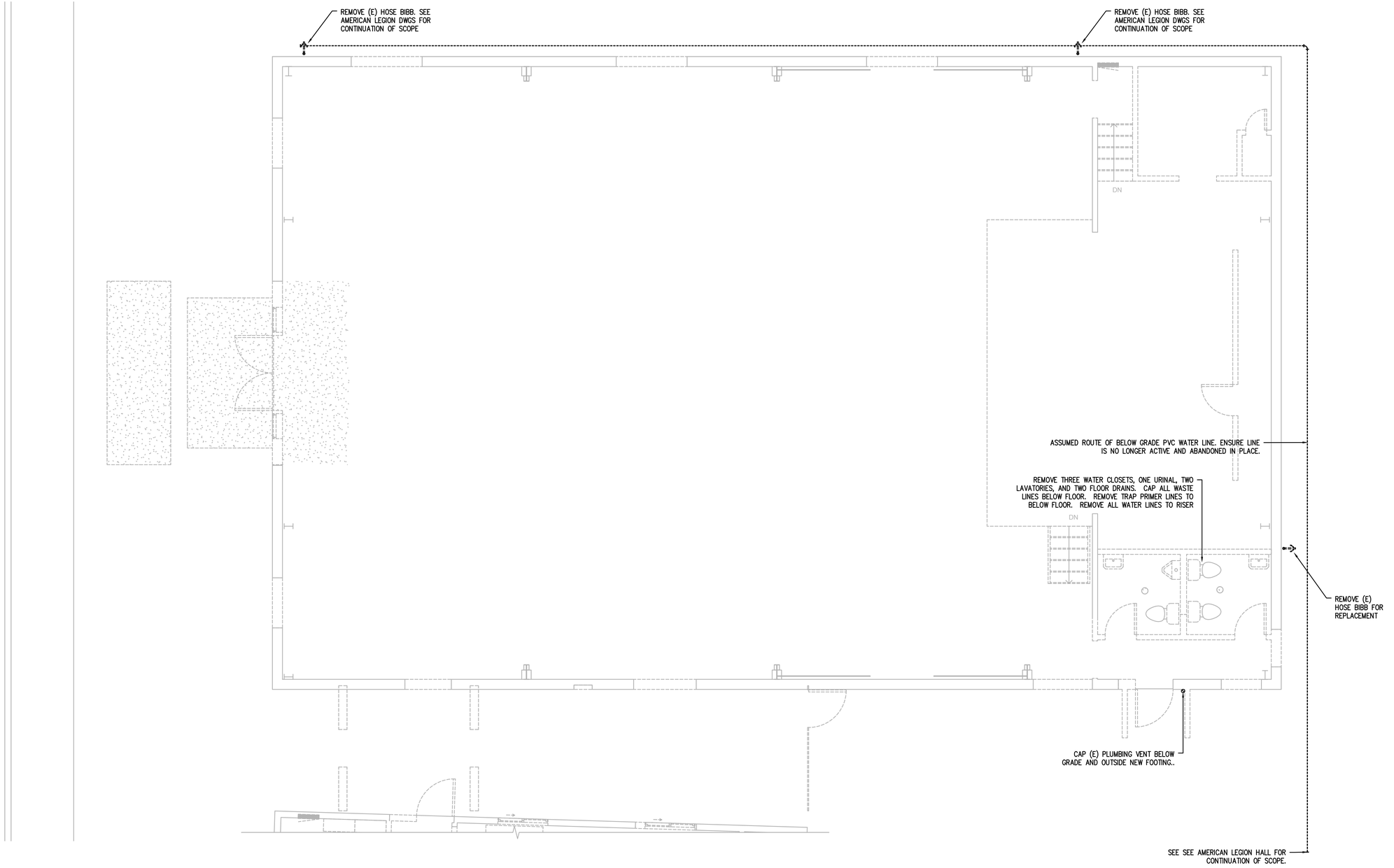
#	DATE	DESCRIPTION

DATE: 1.31.2025

SHEET TITLE:
STRUCTURAL DETAILS

S5.4

1/29/2025 6:17:40 PM Z:\Engineering\Project Files\2024\10 - October\24-10-245 - Port Orford Community Building Remodel\04 - drafting\24-10-245 Port Orford Community Building_strct25.rvt



1 / P1.0 PLUMBING DEMO PLAN

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

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

MFA INC. Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234-0548
FAX: (503) 234-0677
WWW.MFA-ENG.COM
CONTACT: TAKAKO BAKER

REGISTERED PROFESSIONAL ENGINEER
70996PE
OREGON
JULY 9, 2002
TAKAKO BAKER
EXPIRES: 12/31/25

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

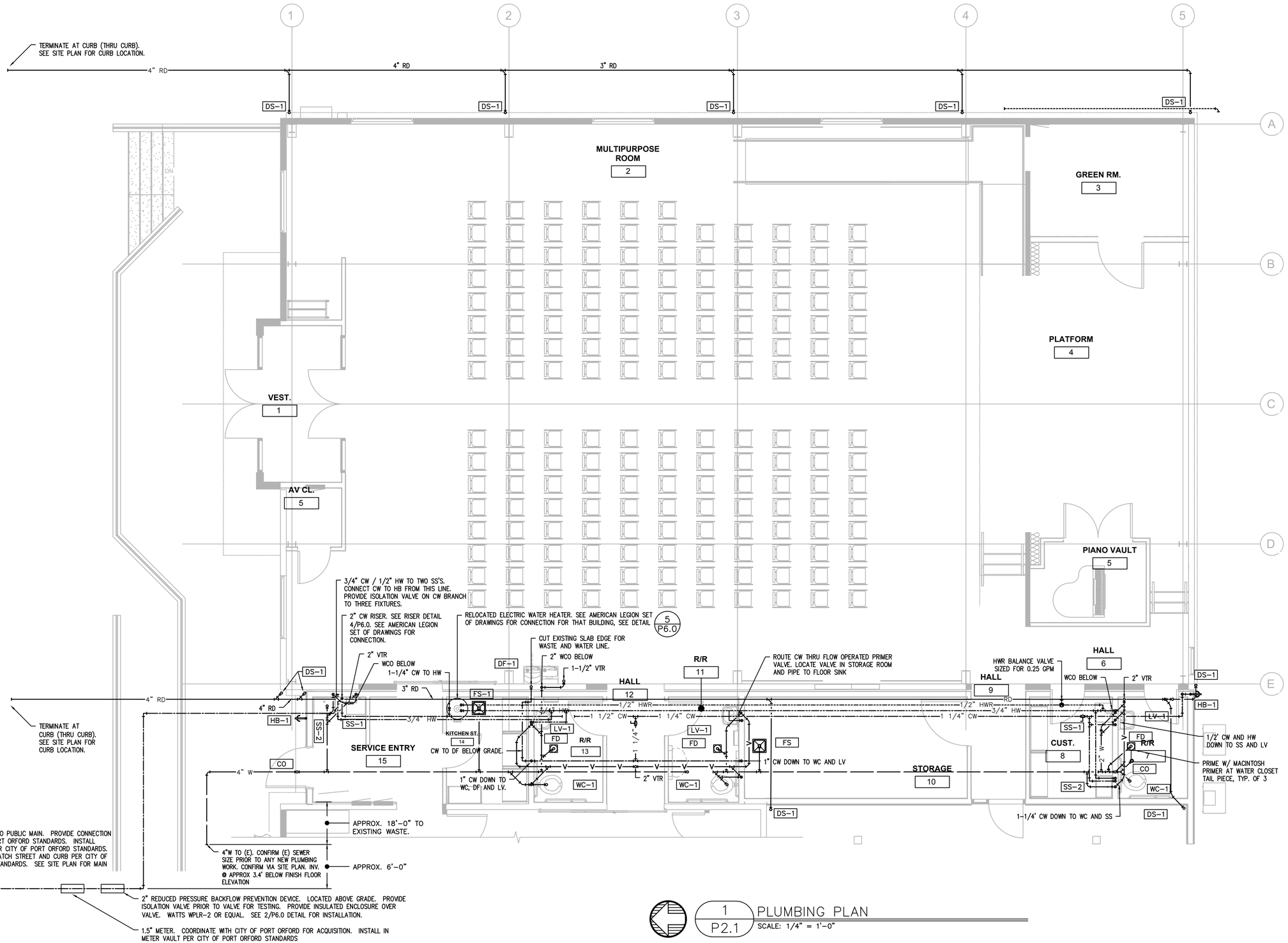
REVISIONS:

#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
PLUMBING DEMO PLAN

P1.0



1 / P2.1 PLUMBING PLAN
SCALE: 1/4" = 1'-0"

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

MEA INC. Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234-0548
FAX: (503) 234-0677
WWW.MEA-ENG.COM
CONTACT: TAKAKO BAKER

REGISTERED PROFESSIONAL ENGINEER
70996PE
OREGON
JULY 9, 2002
TAKAKO BAKER
EXPIRES: 12/31/25

PROJECT NO.: 18.27.2

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
PLUMBING FLOOR PLAN

P2.1

10/15/2024 9:14:10 AM C:\Users\Amy Marino\Documents\Port Orford Community Building R25_amarinoWZYR8.rvt

PLUMBING LEGEND

AFF	ABOVE FINISHED FLOOR
ARCH	ARCHITECTURAL
B.G.	BELOW GRADE
BTU	BRITISH THERMAL UNIT
CAP.	CAPACITY
C.I.	CAST IRON
COMP.	COMPARTMENT
CONT.	CONTINUATION
CU.	CUBIC
DF	DRINKING FOUNTAIN
DI	DEIONIZED (WATER)
DIA.	DIAMETER
ELEV.	ELEVATION
EWC	ELECTRIC WATER COOLER
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
F.F.	FINISH FLOOR
FLG.	FLANGE
FT	FOOT / FEET
G	GAS
GA.	GAUGE
GALV.	GALVANIZED
GPM	GALLONS PER MINUTE
G.V.	GATE VALVE
HP	HORSEPOWER
HR.	HOUR
I.E.	INVERT ELEVATION
kW	KILOWATT
LAV	LAVATORY
LBS	POUNDS
MAX.	MAXIMUM
MBH	THOUSANDS OF BTUs PER HOUR
MIN.	MINIMUM
M.J.	MECHANICAL JOINT
N.I.M.	NOT IN MECHANICAL
OS&Y	OUTSIDE STEM & YOKE
PROT.	PROTECTION
PRV	PRESSURE REDUCING VALVE
PSI, PSIG	POUNDS PER SQUARE INCH
P/T	PRESSURE / TEMPERATURE
REQ'D	REQUIRED
RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
RPM	REVOLUTIONS PER MINUTE
TYP.	TYPICAL
UR	URINAL
VTR	VENT THROUGH ROOF
WC	WATER CLOSET

(CW)	COLD WATER
(HW)	HOT WATER
(HWR)	HOT WATER RECIRC
(HT)	HOT WATER HEAT TRACED
(W)	BELOW GRADE WASTE
(AW)	BELOW GRADE ACID WASTE
(V)	VENT
(AV)	ACID VENT
(RD)	RAIN DRAIN
(OD)	OVERFLOW RAIN DRAIN
(FDC)	FIRE DEPARTMENT CONNECTION
(A)	COMPRESSED AIR
(PHW)	PROCESS HOT WATER
(PCW)	PROCESS COLD WATER
VAC	VACUUM
(G)	NATURAL GAS
(F)	FIRE WATER
(GW)	GREASE WASTE
(CD)	CONDENSATE WASTE

X / XX	EQUIPMENT MARK NUMBER
XXX	FIXTURE MARK
(E)	EXISTING
#	NOTE
	CONNECT TO EXISTING
	CAP
	TEE
	ELBOW
	CLEANOUT
	PRESSURE/TEMP RELIEF VALVE
	BUTTERFLY VALVE
	GAS PRESSURE REGULATING VALVE
OR	TOP CONNECTION
	BOTTOM CONNECTION
	PIPE TURNED UP, PIPE TURNED DOWN
	GATE VALVE
OR	BALL VALVE
	BALANCING VALVE
	CHECK VALVE
	UNION
	DOUBLE CHECK ASSEMBLY

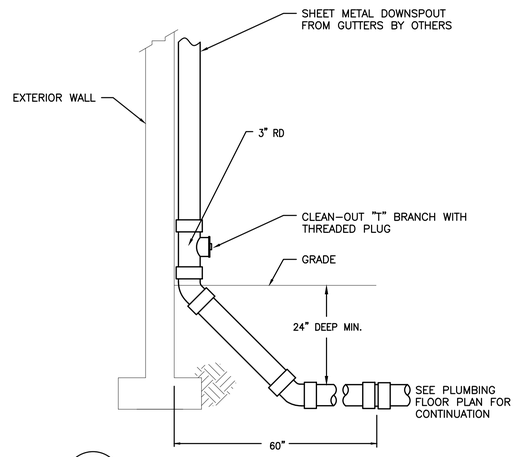
PLUMBING CONNECTION SCHEDULE

MARK	FIXTURE	W	V	CW	HW	REMARKS
DF-1	DRINKING FOUNTAIN, REFRIGERATED	1-1/2"	1-1/2"	1/2"	-	STAINLESS STEEL WITH REMOTE COOLER
DS-1	DOWNSPOUT					3" SEE 3/P6.0
FD-1	FLOOR DRAIN	2"	V.L.	-	-	(2) SIOUX CHIEF 842 SERIES
FS-1	FLOOR SINK	3"	V.L.	-	-	(2) SIOUX CHIEF LITTLEMAX SERIES
HB-1	HOSE BIBB	-	-	3/4"	-	NON-FREEZE BOX STYLE WITH VACCUM BREAKER
LV-1	LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"	WALL HUNG
SS-1	SERVICE SINK	2"	1.5"	1/2"	1/2"	
SS-2	SERVICE SINK	3"	2"	1/2"	1/2"	24" X 24" BASIN
WC-1	WATER CLOSET, ACCESSIBLE	4"	2"	1"	-	FLOOR MOUNT, FLUSH VALVE
CO	CLEANOUT					
WCO	WALL CLEANOUT					

NOTES:
1. SEE PLAN FOR CONNECTION SIZE
2. PROVIDE TRAP PRIMING
3. PROVIDE 2" VENT WHERE REQUIRED

V.L. - VENTED LINE

GENERAL: SEE SPECIFICATIONS FOR DETAILED REQUIREMENTS

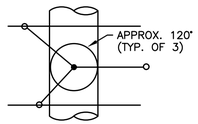


3 P6.0 DOWNSPOUT CONNECTION
SCALE: DETAIL

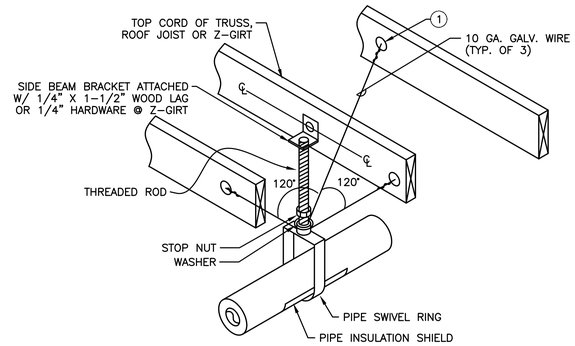
NOTES

1 — 1/4" GALV. THREADED EYE BOLT @ CENTER OF WOOD MEMBER (TYP. OF 3). FOR Z-GIRT USE MACHINE THREAD EYE BOLT W/ JAMB NUT & 1/4" WASHER @ EACH SIDE OF GIRT

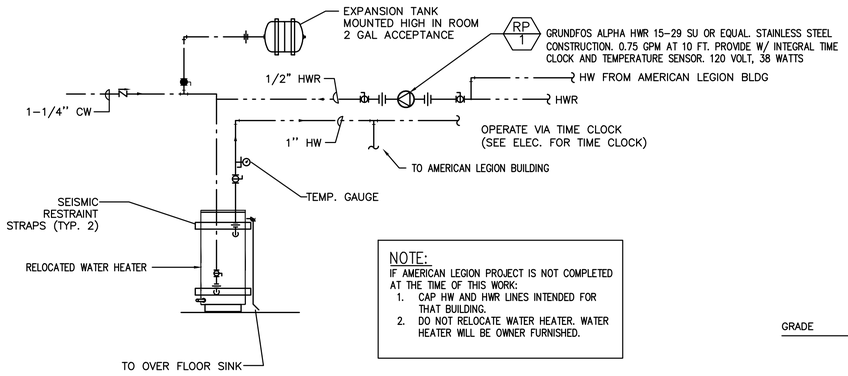
* — MAXIMUM HANGER SPACING SHALL BE AS FOLLOWS:
1-1/4" AND SMALLER PIPE 7' SPAN
1-1/2" PIPE 9' SPAN



TOP VIEW

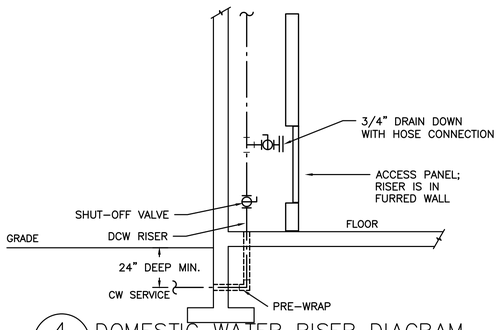


1 P6.0 NON-SEISMIC PIPE SUPPORT
SCALE: DETAIL

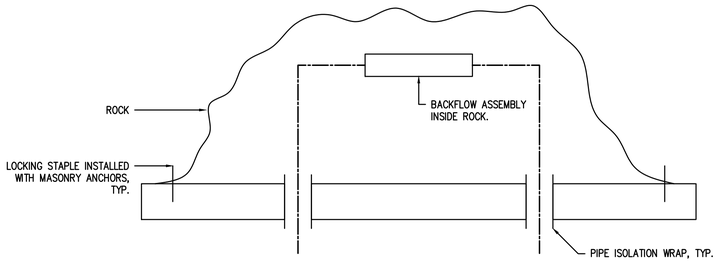


NOTE:
IF AMERICAN LEGION PROJECT IS NOT COMPLETED AT THE TIME OF THIS WORK:
1. CAP HW AND HWR LINES INTENDED FOR THAT BUILDING.
2. DO NOT RELOCATE WATER HEATER. WATER HEATER WILL BE OWNER FURNISHED.

5 P6.0 ELECTRIC WATER HEATER
SCALE: DETAIL



4 P6.0 DOMESTIC WATER RISER DIAGRAM
SCALE: DETAIL



2 P6.0 BACKFLOW DETAIL
SCALE: DETAIL

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

MEA INC. Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234-0548
FAX: (503) 234-0677
WWW.MEA-ENG.COM
CONTACT: TAKAKO BAKER

REGISTERED PROFESSIONAL ENGINEER
OREGON
70996PE
JULY 9, 2002
TAKAKO BAKER
EXPIRES: 12/31/25

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

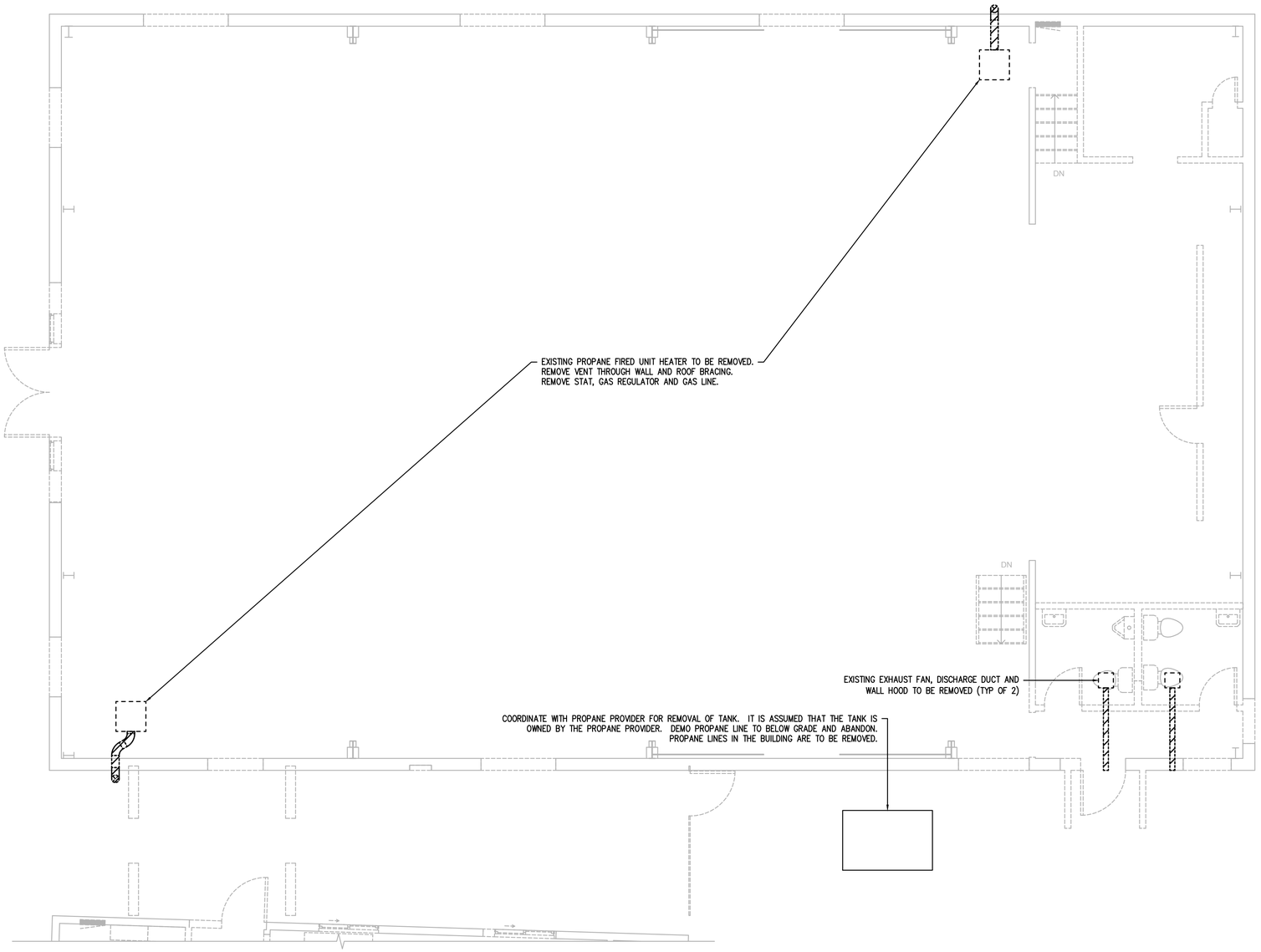
#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
PLUMBING SCHEDULES AND DETAILS

P6.0

10/15/2024 9:14:10 AM C:\Users\Amy Marino\Documents\Port Orford Community Building R25_amarinoWZYR8.rvt



1 / M1.0 MECHANICAL DEMO PLAN
SCALE: 1/4" = 1'-0"

10/15/2024 9:14:10 AM C:\Users\Amy Marino\Documents\Port Orford Community Building R25_amarinoWZYR8.rvt

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

MEA INC. Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234-0548
FAX: (503) 234-0677
WWW.MEA-ENG.COM
CONTACT: TAKAKO BAKER

REGISTERED PROFESSIONAL ENGINEER
70996PE
OREGON
JULY 9, 2002
TAKAKO BAKER
EXPIRES: 12/31/25

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

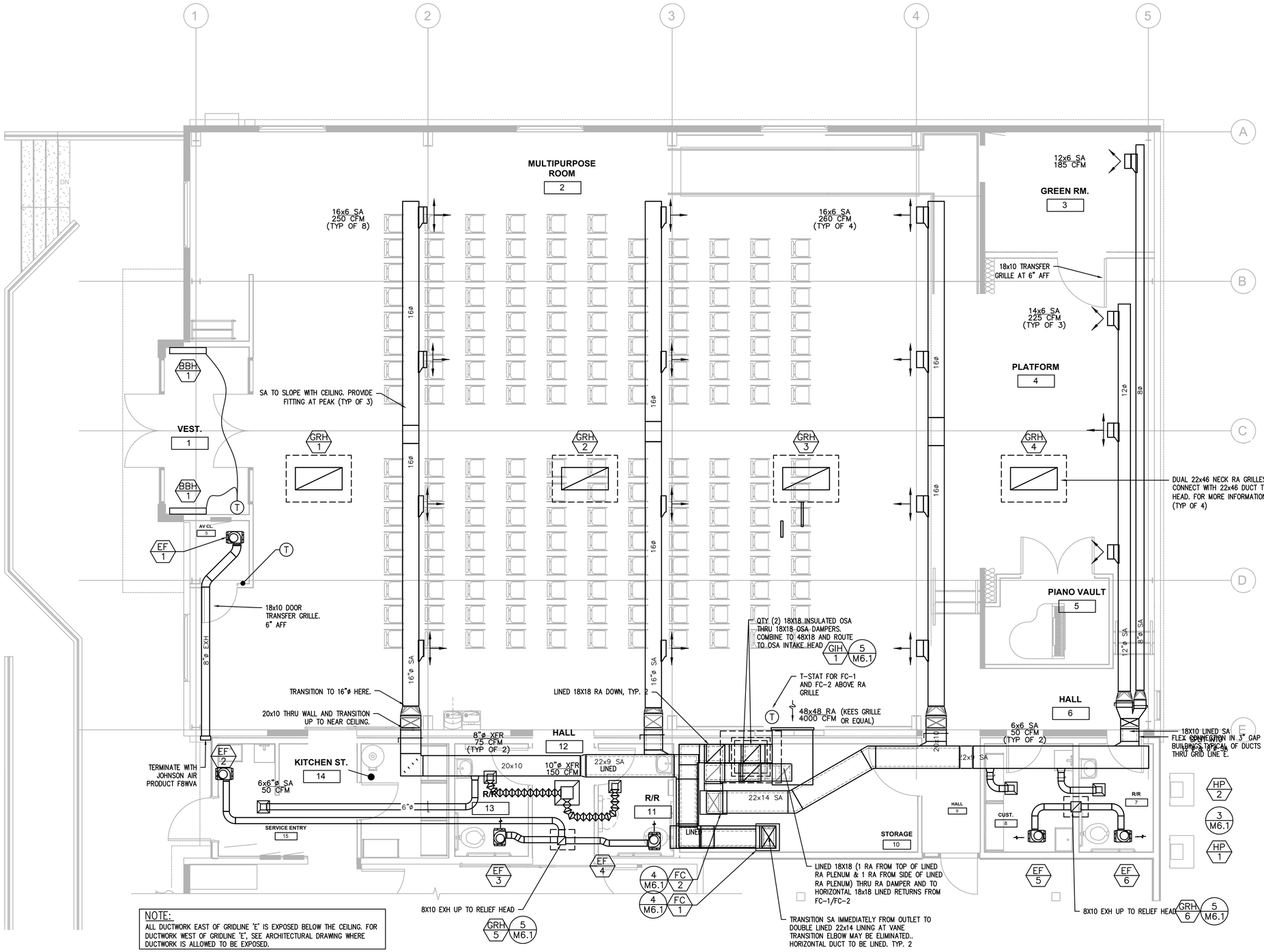
REVISIONS:

#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
MECHANICAL DEMO PLAN

M1.0



NOTE:
ALL DUCTWORK EAST OF GRIDLINE 'E' IS EXPOSED BELOW THE CEILING. FOR DUCTWORK WEST OF GRIDLINE 'E', SEE ARCHITECTURAL DRAWING WHERE DUCTWORK IS ALLOWED TO BE EXPOSED.

1 / M2.1 HVAC FLOOR PLAN
SCALE: 1/4" = 1'-0"

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

MEA INC. Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234-0548
FAX: (503) 234-0677
WWW.MEA-ENG.COM
CONTACT: TAKAKO BAKER

REGISTERED PROFESSIONAL ENGINEER
OREGON 70996PE
JULY 9, 2002
TAKAKO BAKER
EXPIRES: 12/31/25

PROJECT NO.: 18.27.2

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD
421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
HVAC FLOOR PLAN

M2.1

10/15/2024 9:14:10 AM C:\Users\Amy Marino\Documents\Port Orford Community Building R25_amarinoVAZYR6.rvt

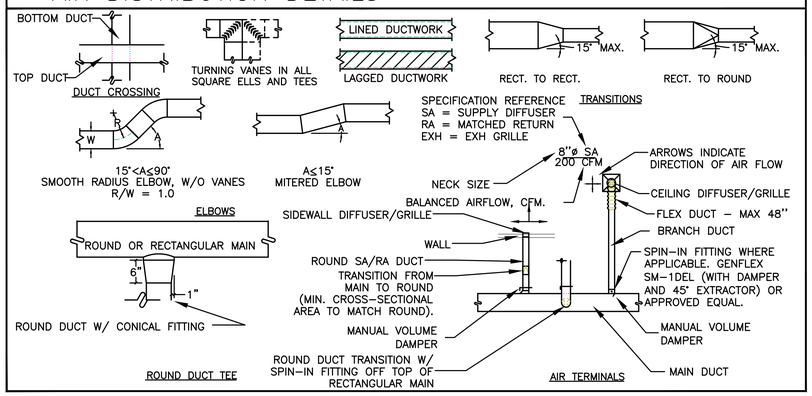
MECHANICAL LEGEND

- SUPPLY AIR DIFFUSER
- RETURN AIR GRILLE
- EXHAUST AIR GRILLE
- PERFORATED RETURN AIR PANEL
- OR — DIRECTIONAL AIR FLOW
- MANUAL VOLUME DAMPER
- SUPPLY OR OUTSIDE AIR DUCT UP & DOWN
- RETURN AIR DUCT UP & DOWN
- EXHAUST AIR DUCT UP & DOWN
- SUPPLY OR OUTSIDE AIR DUCT UP & DOWN
- RETURN AIR DUCT UP & DOWN
- EXHAUST AIR DUCT UP & DOWN
- VAV TERMINAL UNIT
- VVT TERMINAL UNIT
- (E) EXISTING
- CONNECT TO EXISTING
- AC-4 THERMOSTAT OR TEMP. SENSOR
- ? NOTE
- XX/? EQUIPMENT DESIGNATOR
- BALL VALVE
- GATE VALVE
- CHECK VALVE
- BALANCING VALVE
- THERMOMETER
- DIRECTION OF FLOW
- PUMP
- STRAINER
- PRESSURE GAUGE
- PETE'S PLUG
- DOUBLE CHECK ASSEMBLY
- PRESSURE REDUCING VALVE
- UNION
- 2-WAY CONTROL VALVE
- 3-WAY CONTROL VALVE
- CAP
- S SMOKE DETECTOR
- MOTORIZED DAMPER

AFF	ABOVE FINISH FLOOR
AHU	AIR HANDLING UNIT
B.D.	BOTTOM OF DUCT
BHP	BRAKE HORSEPOWER
BTU	BRITISH THERMAL UNITS
CFM	CUBIC FEET PER MINUTE
CONN.	CONNECTION
CONT.	CONTINUATION
CW	DOMESTIC COLD WATER
DB	DRY BULB
DIA.	DIAMETER
DIST.	DISTRIBUTION
EA	EXHAUST AIR
EDB	ENTERING DRY BULB TEMPERATURE
EWB	ENTERING WET BULB TEMPERATURE
EWT	ENTERING WATER TEMPERATURE
FF	FINISH FLOOR
FIXT.	FIXTURE
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FT.	FEET / FOOT
GA.	GAUGE
GPM	GALLONS PER MINUTE
H	HEIGHT
HP	HORSEPOWER
I.D.	INSIDE DIAMETER
IN.	INCHES
L	LENGTH
LBS.	POUNDS
LDB	LEAVING DRY BULB
LWB	LEAVING WET BULB
LWT	LEAVING WATER TEMPERATURE
MAX.	MAXIMUM
MBH	THOUSANDS OF BTUs PER HOUR
MIN.	MINIMUM
NC	NOISE CRITERIA
N.C.	NORMALLY CLOSED
N.I.M.	NOT IN MECHANICAL
NO.	NUMBER
N.O.	NORMALLY OPEN
O.A.	OUTSIDE AIR
P	PERSON
PSI	POUNDS PER SQUARE INCH
P/T	PRESSURE / TEMPERATURE
R.A.	RETURN AIR
R	REFRIGERANT
RECT.	RECTANGULAR
REQ'D	REQUIRED
S.A.	SUPPLY AIR
S.P.	STATIC PRESSURE
SQ.	SQUARE
TEMP.	TEMPERATURE
TYP.	TYPICAL
VAV	VARIABLE AIR VOLUME
W	WIDTH
WB	WET BULB
WPD	WATER PRESSURE DROP
ø	DIAMETER

- (E) EXISTING
- (D) DEMOLISH
- NEW WORK
- HWS (HWS) HEATING WATER SUPPLY
- HWR (HWR) HEATING WATER RETURN

AIR DISTRIBUTION DETAILS



EXHAUST FANS SCHEDULE -

DESIGN SYMBOL	SERVES	TYPE	MIN	MAX	MIN ESP (INCHES)	MOTOR				MOUNTING	INLET SONES (DBA / SONES)	DAMPER	WEIGHT (LBS)	INTER-LOCKS CONTROL WITH;	NOTES	DESIGN BASIS GREENHECK MODEL #
						HP (W)	RPM	V / PH	CONTROL							
EF-1	5 AV CL	CEILING	200	200	0.35	1/15 HP	1086	115 / 1	TEMP STAT	CEILING	43 / 3.0	BACKDRAFT				SP-A390-VG
EF-2 THRU 6	RR'S AND JAN CLST	CEILING	75	75	0.20	28 W	900	115 / 1		CEILING	27 / 0.4	BACKDRAFT				SP-A90
NOTES:																

SEE 8/M.60 FOR EXHAUST FAN DETAIL

VENTILATION AIR SCHEDULE - COMMUNITY BUILDING

ROOM NUMBER AND NAME	AREA (SQ. FT.)	OCCUPANT LOAD (#/1000 SQ. FT.)	NUMBER OF OCCUPANTS	OUTSIDE AIR REQUIREMENT (CFM/P)	OUTSIDE AIR REQUIREMENT (CFM/SQ FT.)	OUTSIDE AIR REQUIRED (CFM)		ZONE OSA (CFM)	SUPPLY AIR (CFM)	PRIMARY OSA FRACTION	RETURN AIR (CFM)	EXHAUST AIR (CFM)	Zone Ventilation Efficiency	Corrected OSA CFM	AIR SYSTEMS
	Az		Pz	Rp	Ra	Vbz	Ez	Voz	Vpz	Zp			Evz		
02 MULTIPURPOSE ROOM N	1937	60	117	7.5	0.06	994	1.0	994	1950	0.51	1275	0	1.00	994	HP-1
STOARGE AND RR AREA	331	0	0	0	0.06	20	0.8	25	50	0.50	0	225	1.01	25	HP-1
TOTAL	**2268**		**117**			**1014**		**1019** Vou	**2000** Vps		**1275**	**225**	**1.00** Ev	**1019**	
					CORRECTED TOTAL OUTDOOR AIR FLOW RATE			**1019**	**CFM**	**Corrected OSA Fractio**			**Zs =**		**0.51**
02 MULTIPURPOSE ROOM S	1045	60	63	7.5	0.06	535	1.0	535	1010	0.53	960	0	0.98	535	HP-2
03 GREEN ROOM	136	0	0	7.5	0.06	8	0.8	10	190	0.05	190	0	1.46	10	HP-2
04 PLATFORM	528	35	19	10	0.06	222	1.0	222	650	0.34	650	0	1.17	222	HP-2
05 PIANO VAULT	67	0	0	0	0.06	4	0.8	5	50	0.10	50	0	1.41	5	HP-2
HALL, RR, AND STORAGE	331	0	0	0	0.06	20	0.8	25	100	0.25	0	150	1.26	25	HP-2
TOTAL	**2107**		**82**			**789**		**797** Vou	**2000** Vps		**1850**	**150**	**0.98** Ev	**797**	
			199		**CORRECTED TOTAL OUTDOOR AIR FLOW RATE**			**814**	**CFM**	**Corrected OSA Fractio**			**Zs =**		**0.40**

GRAVITY HEADS

MARK	GRH-1, 2, 3 & 4	GRH-5	GRH-6	GIH-1
VOLUME, CFM	1,000	225	150	4,000
MAX. PRESSURE LOSS, IN. W.C.	0.004	.04	.02	0.07
THROAT DIMENSION (INCH)(WxL)	22x46	8X12	8X12	18X48
THROAT VELOCITY, FPM	142	375	210	333
HOOD DIMENSION (INCH)(WxLxH)	34x60x20	22X27X14	22X27X14	40X75X16
ROOF CURB	YES	YES	YES	YES
ALUMINUM INSECT SCREEN	YES	YES	YES	YES
MOTORIZED DAMPER (NOTE 1)	YES	NO	NO	YES
WEIGHT W/OUT ROOF CURB, LBS	100	50	50	125
BASIS OF DESIGN: GREENHECK	FGR	FGR	FGR	FGI
NOTE 1: PROVIDE TWO 18x18 STAINLESS STEEL DAMPERS.				

FAN COIL UNIT WITH HEAT PUMP

			NOTES
MARK		FC	
NUMBER		1 & 2	
TYPE		(6)	
FAN COIL	TOTAL CFM	2000	(2)
	MIN. OSA (CFM)(MIN. OCCUPANCY)	915	(2)
	MIN. OSA (CFM)(FULL OCCUPANCY)	270	(2)
	OSA CONTROL	YES	
	CO2 SENSOR LOCATION	AT STAT	
	EXTERNAL SP. ("H20)	0.5	(3)
	DISCHARGE DIRECTION	UP	
	MOTOR HP	0.75	
	VOLTAGE / PH	230 / 1	
	MOCP	90	(4)
	SMOKE DETECTOR	YES	
X HT	HEATING (kw)	15	
	VOLTAGE / PH	230 / 1	
MIXING BOX / ECONOMIZER		YES	
CONTROLS		SEE M6.2	
FILTER TYPE		2" MERV 13	
HEAT PUMP	MARK	HP	
	NUMBER	1 & 2	
	TYPE	HEAT PUMP	
	TOTAL (NOMINAL TONS)	5	
	EFFICIENCY (SEER2 / HSPF2)	14.5 / 7.5	(5)
	VOLTAGE / PH	208/1	
	MCA / MOCP	31.1 / 50	
STAGES OF COMPRESSOR (HEATING/COOLING)		2	
FAN COIL WEIGHT (LBS)		205	
HEAT PUMP UNIT WEIGHT (LBS)		286	
FAN COIL BASIS OF DESIGN: CARRIER		FT4BNBD60L00	
HEAT PUMP BASIS OF DESIGN: CARRIER		25TPB760A003	

NOTES:
1. DIV. 26 TO PROVIDE DISCONNECT.
2. PERFORMANCE LISTE IS PER UNIT
3. DOES NOT INCLUDE FILTER
4. INCLUDES MOTOR AND HEATER
5. AT ARI CONDITIONS
6. SPLIT SYSTEM AIR COOLED HEAT PUMP WITH ELECTRIC BACK-UP

BASE BOARD HEATER SCHEDULE

MARK		BBH
NUMBER		1
TYPE		WALL MOUNT
LOCATION		VESTIBULE
HEAT	W	750
	VOLT./PH	240 / 1
	AMPS	3.25
OPERATING WEIGHT (LBS)		15
BASIS OF DESIGN: KING		KDIA
NOTES		(1)

NOTES:
1 PROVIDE WITH REMOTE LINE VOLTAGE THERMOSTAT. SET TO 45° KING K101. PROVIDE WITH THERMOSTAT COVER.

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

MHA INC. Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234-0548
FAX: (503) 234-0677
WWW.MHA-ENG.COM
CONTACT: TAKAKO BAKER

REGISTERED PROFESSIONAL ENGINEER
OREGON
70996PE
JULY 9, 2002
TAKAKO BAKER
EXPIRES: 12/31/25

PORT ORFORD COMMUNITY BUILDING REMODEL

PROJECT NO.: **18.27.2**

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

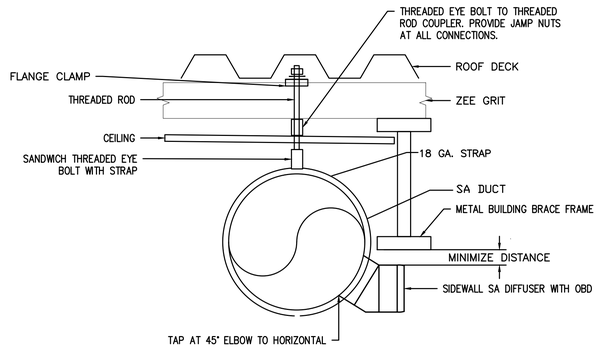
#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

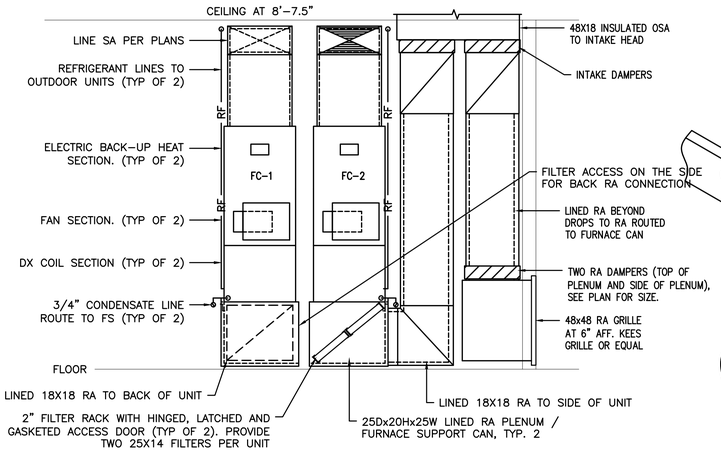
SHEET TITLE:
MECHANICAL SCHEDULES

M6.0

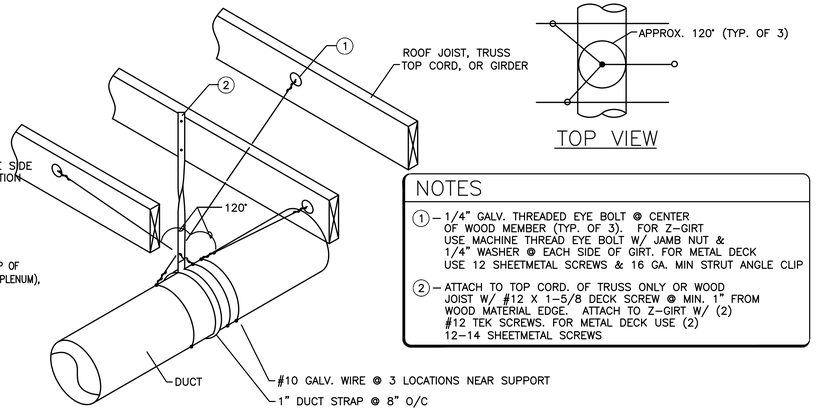
10/15/2024 9:14:10 AM C:\Users\Amy Marino\Documents\Port Orford Community Building R25_amarinoWZYR8.rvt



7 M6.1 EXPOSED DUCT AND DIFFUSER
SCALE: DETAIL



4 M6.1 VERTICAL FAN COIL
SCHEMATIC

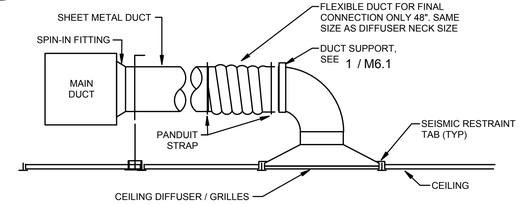


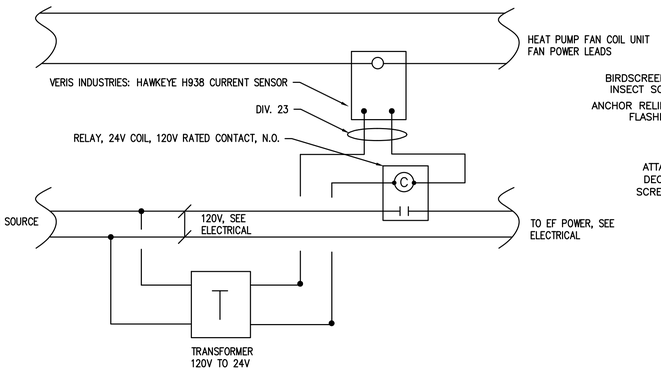
NOTES

1. 1/4" GALV. THREADED EYE BOLT @ CENTER OF WOOD MEMBER (TYP. OF 3). FOR Z-GIRT USE MACHINE THREAD EYE BOLT W/ JAMB NUT & 1/4" WASHER @ EACH SIDE OF GIRT. FOR METAL DECK USE 12 SHEETMETAL SCREWS & 16 GA. MIN STRUT ANGLE CLIP
2. ATTACH TO TOP CORD. OF TRUSS ONLY OR WOOD JOIST W/ #12 X 1-5/8 DECK SCREW @ MIN. 1" FROM WOOD MATERIAL EDGE. ATTACH TO Z-GIRT W/ (2) #12 TEK SCREWS. FOR METAL DECK USE (2) 12-14 SHEETMETAL SCREWS

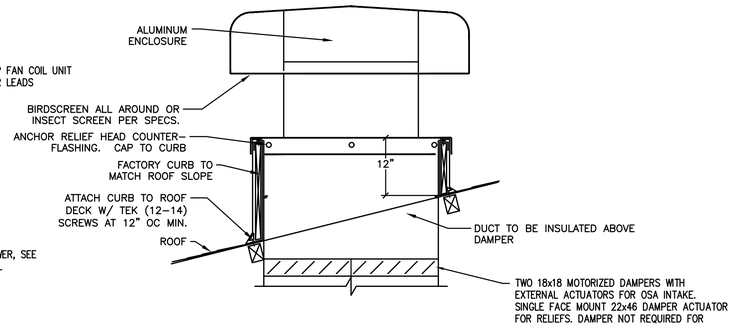
- FOR SHEETMETAL DUCTS 11" TO 27" IN DIAMETER & ALL SQUARE OR RECTANGULAR DUCTS (STRAP ALONE IS SUFFICIENT FOR DUCTS SMALLER THAN 11" IN DIAMETER)
- STRAP INTERVAL MAY BE DECREASED (LESS THAN 96" O/C TO REDUCE THE NEED FOR WIRE TIES AS DETAILED. CONSULT ENGINEER OR SMACNA STANDARDS

1 M6.1 DUCT SUPPORT DETAIL
SCALE: DETAIL

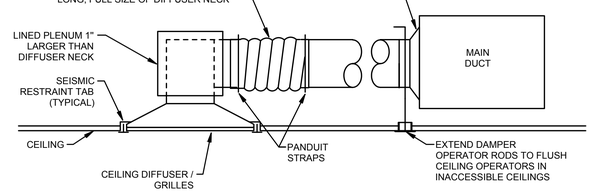




8 M6.1 EXHAUST FAN CONTROL DETAIL
SCALE: DETAIL

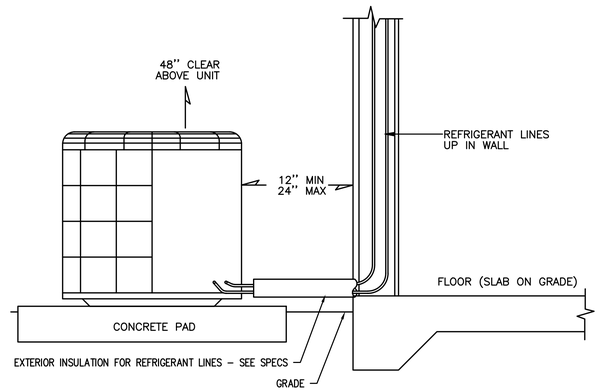


5 M6.1 INTAKE/RELIEF/EXHAUST HEAD
SCALE: DETAIL



NOTE:
1. PROVIDE MVD AT ALL DIFFUSERS AND GRILLES.

2 M6.1 DIFFUSER / GRILLE DETAIL
SCALE: DETAIL



3 M6.1 PAD-MOUNT HEAT PUMP
DETAIL

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

MEA INC. Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234-0548
FAX: (503) 234-0677
WWW.MEA-ENG.COM
CONTACT: TAKAKO BAKER

REGISTERED PROFESSIONAL ENGINEER
70996PE
OREGON
JULY 9, 2002
TAKAKO BAKER
EXPIRES: 12/31/25

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

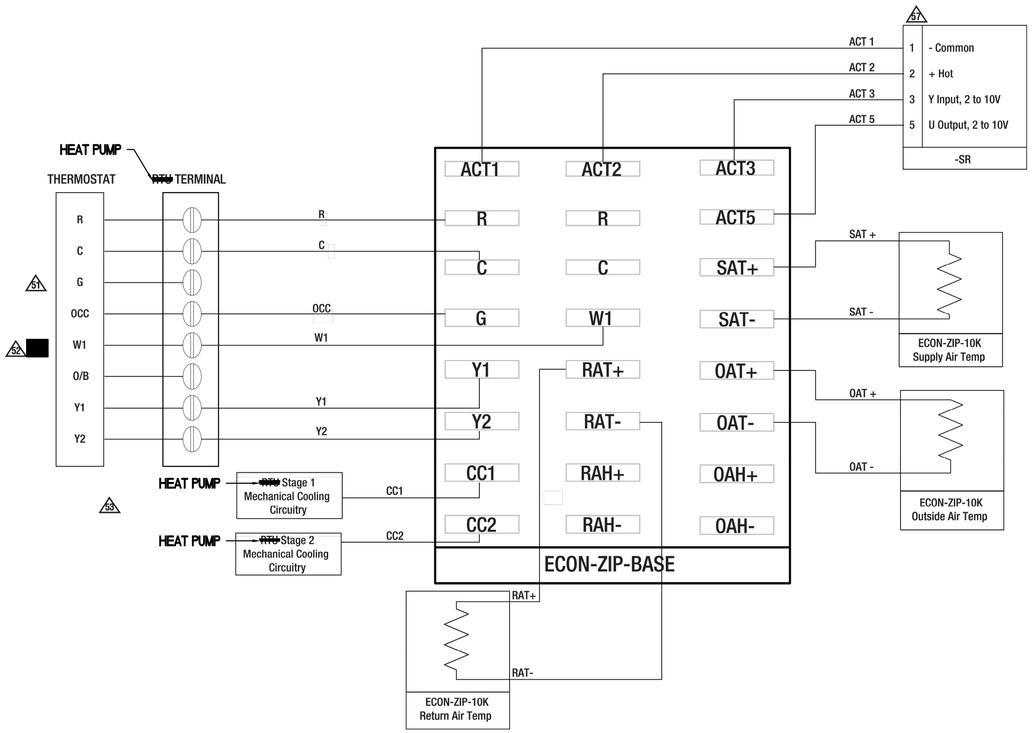
#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
MECHANICAL DETAILS

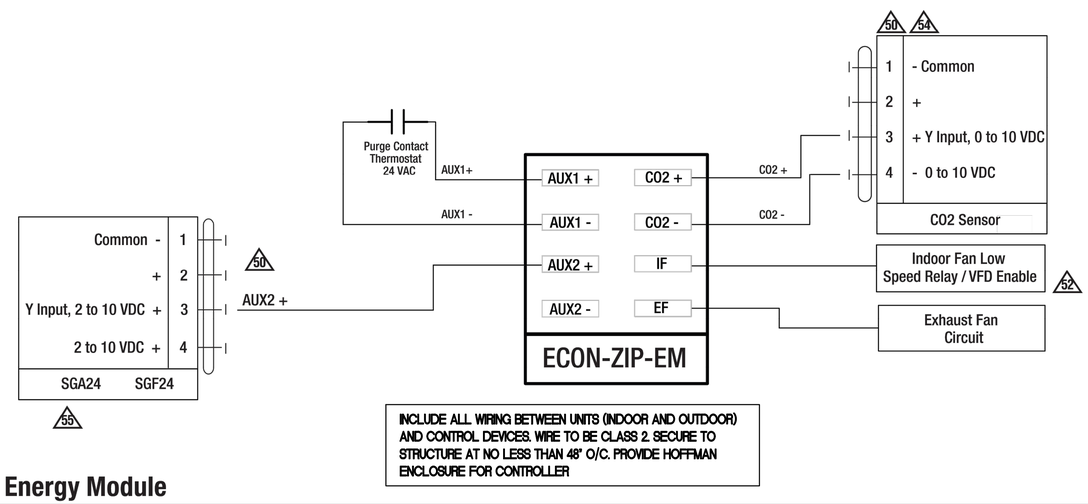
M6.1

Wiring Diagrams



DUAL

~~Single~~ Dry Bulb



INCLUDE ALL WIRING BETWEEN UNITS (INDOOR AND OUTDOOR) AND CONTROL DEVICES. WIRE TO BE CLASS 2. SECURE TO STRUCTURE AT NO LESS THAN 48" O/C. PROVIDE HOFFMAN ENCLOSURE FOR CONTROLLER

Energy Module

Notes:

50 Power source should be the same as ECON-ZIP-BASE.

51 When the thermostat is not equipped with occupancy control, "Fan On" output "G" shall be wired to the ECON-ZIP-BASE.

52 W1 must be wired for Heat Pump operation if conventional thermostat is used in conjunction with Defrost Board. If Thermostat and ~~RTU~~ use O/B control reversing valve position, O/B must be wired to W1 on ECON-ZIP-BASE. — HEAT PUMP

53 Existing refrigeration safety devices may exist, consult ~~RTU~~ wiring diagram — HEAT PUMP

54 Not supplied by Belimo. — PROVIDE TWO STAGE HEAT PUMP OPERATION (3 TOTAL HEATING STAGES) AND 2 STAGE COOLING OPERATION. HONEYWELL T6 PRO SERIES OR EQUAL

55 Sold separately by Belimo — PROVIDE TELAIRE T5100 SERIES OR EQUAL.

56 ~~If RTU is not a Heat Pump using a conventional thermostat and it is desired to record heating operation hours, connect W1 to ECON-ZIP-BASE.~~ — PROVIDE AND INSTALL DEVICE.

57 Actuators can be mounted in parallel with the ACT3 output from the ZIP Economizer. The ACT5 feedback input should be wired to the Outside Air damper actuator feedback wire. — PROVIDE BELIMO TFB24-SR SERIES ACTUATOR. PROVIDE ACTUATOR FOR OSA, RA AND TWO RELIEF AIR DAMPERS.

1 / M6.2 CONTROL SCHEMATIC
SCALE: DETAIL

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

MEA INC. Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234-0548
FAX: (503) 234-0677
WWW.MEA-ENG.COM
CONTACT: TAKAKO BAKER

REGISTERED PROFESSIONAL ENGINEER
OREGON
JULY 9, 2002
TAKAKO BAKER
EXPIRES: 12/31/25

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
MECHANICAL DETAILS

M6.2

ELECTRICAL SYMBOL SCHEDULE

SYMBOLS	ONELINE DIAGRAM	NOTES
	MOLDED CASE CIRCUIT BREAKER	
	TRANSFORMER	
	CURRENT TRANSFORMER(S)	
M	METER, TYPE AS NOTED	
	GROUND	
N	NEUTRAL BUS	
M	MOTOR WITH MOTOR NUMBER (SEE EQUIPMENT SCHEDULE)	
	COMBINATION FIRE SMOKE DAMPER	2
	EQUIPMENT NUMBER (SEE EQUIPMENT SCHEDULE)	
	NON-FUSED DISCONNECT SWITCH	
	FUSED DISCONNECT SWITCH (FUSES SIZED PER EQUIPMENT MANUFACTURERS RECOMMENDATIONS UNO.)	
	COMBINATION MOTOR STARTER / FUSED DISCONNECT SWITCH	
	SUB-DISTRIBUTION PANELBOARD OR SWITCHBOARD	
	BRANCH CIRCUIT PANELBOARD	
	MISCELLANEOUS PANEL AS NOTED	
	MAIN DISTRIBUTION PANELBOARD	
T	TRANSFORMER	

SYMBOLS	RACEWAYS	NOTES
	BRANCH CIRCUIT INSTALLED CONCEALED FROM FINISH SPACES . PROVIDE GROUND CONDUCTOR AS INDICATED IN PANEL SCHEDULE . GROUND CONDUCTOR NOT INCLUDED IN HASH MARK INDICATION .	
	BRANCH CIRCUIT INSTALLED IN OR BELOW FLOOR . PROVIDE GROUND CONDUCTOR AS INDICATED IN PANEL SCHEDULE . GROUND CONDUCTOR NOT INCLUDED IN HASH MARK INDICATION .	
L4-13.5	BRANCH CIRCUIT HOME RUN TO PANEL . HASH MARKS INDICATES NUMBER OF CONDUCTORS . PROVIDE GROUND CONDUCTOR AS INDICATED IN PANEL SCHEDULE . GROUND CONDUCTOR NOT INCLUDED IN HASH MARK INDICATION .	
	LOW VOLTAGE EMPTY CONDUIT WITH PULL STRING - ¾" UNO	
PB	PULL BOX , 6" x 6" x 4" UNLESS NOTED OTHERWISE	
J J	JUNCTION BOX , 4" SQUARE UNLESS OTHERWISE NOTED	
	4" CONDUIT SLEEVE WITH BUSHINGS AT BOTH ENDS . LOCATE AT 6" ABOVE ACCESSIBLE CEILING . FIRESTOP WITH UL APPROVED SYSTEM .	
	CONDUIT STUB-OUT, CAP 4 MARK WITH APPROVED MARKER	
	CONDUIT , UP	
	CONDUIT , DOWN	

SYMBOLS	RECEPTACLES	NOTES
•	WHEN ADDED TO A SYMBOL , INDICATES OUTLET MOUNTED WITH BOTTOM OF OUTLET AT 2" ABOVE COUNTER TOP OR BACK SPLASH UNO.	
	DUPLEX CONVENIENCE OUTLET	+ 18"
	GFI DUPLEX CONVENIENCE OUTLET	+ 18"
	DUPLEX OUTLET CONNECTED TO EMERGENCY CIRCUIT	+ 18"
	DOUBLE DUPLEX CONVENIENCE OUTLET	+ 18"
	SINGLE PHASE SPECIAL PURPOSE OUTLETS, AS NOTED	+ 18" UNO
	THREE PHASE SPECIAL PURPOSE OUTLETS, AS NOTED	
	FLUSH FLOOR OUTLET AS SHOWN	

SYMBOLS	TELEPHONE / DATA	NOTES
•	WHEN ADDED TO SYMBOL , INDICATES OUTLET MOUNTED WITH BOTTOM OF OUTLET AT 2" ABOVE COUNTER TOP OR BACKSPLASH UNO	
	TELE/DATA . PROVIDE (2) CAT6 CABLES UNO	+ 18" 1
W	'W' ADDED TO SYMBOL INDICATES WALL MOUNTED	+ 60" 1
	FLUSH FLOOR OUTLET AS SHOWN	1
TTB	TELEPHONE TERMINAL BOARD , 8" HIGH (WIDTH AS SHOWN) , ¾" FIRE RESISTIVE PLYWOOD WITH * & CU GND	
	WIRELESS ACCESS PORT. PROVIDE (1) CAT6a CABLES	1

NOTES

1. ALL SYMBOLS MAY NOT APPLY DIRECTLY TO THIS JOB.
2. ALL MOUNTING HEIGHTS SHOWN ARE TO CENTERLINE OF DEVICE.
3. ALL MOUNTING HEIGHTS ARE TYPICAL ON PLANS.

KEYED NOTES

1. PROVIDE 1" CONDUIT FROM OUTLET BOX TO ACCESSIBLE LOCATION ABOVE CEILING UNLESS NOTED OTHERWISE. TERMINATE CONDUITS WITH BLUE INSULATED BOX CONNECTORS AND LABEL SYSTEM. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION . ROUTE CAT6 or 6a CABLE(S) TO DATA RACK

SYMBOLS	LIGHT FIXTURES	NOTES
	WHEN ADDED TO LIGHT FIXTURE SYMBOL- INDICATES WALL OR BRACKET MOUNTED LIGHT FIXTURE	
FD 2. o 4	SURFACE OR PENDANT MOUNTED LIGHT FIXTURE OUTLET . (NUMBER INDICATES CIRCUIT . CAPITAL LETTER INDICATES FIXTURE TYPE . LOWER CASE LETTER INDICATES SWITCHING CONTROL . TYPICAL FOR ALL LIGHT FIXTURES)	
	RECESSED CEILING LIGHT FIXTURE	
	RECESSED WALL WASHER . UNSHADED SIDE INDICATES DIRECTION OF WALL WASHING	
	FLUORESCENT LIGHT FIXTURE	
	FLUORESCENT STRIP LIGHT FIXTURE	
	SINGLE FACE EXIT SIGN WITH NUMBER OF DIRECTIONAL ARROWS AS SHOWN , CEILING MOUNTED . SOLID QUADRANT INDICATES FACE.	

SYMBOLS	SWITCHES	NOTES
$	SINGLE POLE LIGHT SWITCH	+ 46"
$3	THREE WAY LIGHT SWITCH	+ 46"
$M	MOTOR RATED SWITCH	+ 46"
MC MT	OCCUPANCY SENSOR - C=CEILING M=WALL MOUNTED	
P	PHOTOELECTRIC SWITCH	

SYMBOLS	SECURITY	NOTES
	SECURITY CAMERA. PROVIDE J-BOX WITH CAT 6 CABLE	1
L	ELECTRONICALLY CONTROLLED LOCK	
	DOOR POSITION SWITCH	
M	MOTION DETECTOR (OMNI DIRECTIONAL)	
CR	CARDREADER	+ 44"
SK	KEYPAD	+ 44"

SYMBOLS	AUDIO / VISUAL	NOTES
S	CEILING SPEAKER	
S	WALL MOUNTED SPEAKER	+ 80"
V S	WALL MOUNTED SPEAKER HORN	+ 80"
TV	TELEVISION (VIDEO) OUTLET	+ 18"
IR	INTERCOM REQUEST STATION (SPEAKER + PUSH BUTTON)	+ 44"

SYMBOLS	FIRE ALARM	NOTES
M	MANUAL PULL STATION	+ 44"
V S	COMBINATION VISUAL / AUDIBLE ALARM	+ 80" AFFB
V	VISUAL STROBE ALARM	+ 80" AFFB
P	PHOTOELECTRIC SMOKE DETECTOR (CEILING MOUNTED UNO)	
I	IONIZATION SMOKE DETECTOR (CEILING MOUNTED UNO)	
D	MAGNETIC DOOR HOLDER	
H	HEAT DETECTOR (CEILING MOUNTED, 135° UNO)	

SYMBOLS	ABBREVIATIONS	NOTES
AIC	AMPERE INTERRUPTING CAPACITY	
AMP	AMPERE	
C	CONDUIT	
EC	EMPTY CONDUIT (WITH PULL-IN LINE)	
ELEC	ELECTRICAL	
FAAP	FIRE ALARM ANNUNCIATOR PANEL	
FACP	FIRE ALARM CONTROL PANEL	
G, GND	GROUND	
GEN	GENERATOR	
GFI	GROUND FAULT CIRCUIT INTERRUPTER TYPE	
HP	HORSEPOWER	
IG	ISOLATED GROUND	
MECH	MECHANICAL	
MFGR	MANUFACTURER	
NEC	NATIONAL ELECTRIC CODE	
NL	NIGHT LIGHT	24 HOUR 'ON'
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED	
OFOI	OWNER FURNISHED OWNER INSTALLED	
PB	PULL BOX	
ø PH	PHASE	
PNL	PANEL	
PWR	POWER	
SYS	SYSTEM	
T	TELEPHONE	
TTB	TELEPHONE TERMINAL BOARD	
TYP	TYPICAL	
UNO	UNLESS NOTED OTHERWISE	
V	VOLT	
VP	VANDAL PROOF	
W	WATT	
WP	WEATHERPROOF TYPE	

MECHANICAL EQUIPMENT SCHEDULE

ID	DESCRIPTION	LOCATION	HP/KVA	VOLT	PH	DISCONNECT SWITCH SIZE	DISCONNECT SWITCH FUSED	NOTE
FC - 1	FAN COIL UNIT		20.4 KW	240	1	100/2		MOCP=90/2, 15 KW HEAT
FC - 2	FAN COIL UNIT		20.4 KW	240	1	100/2		MOCP=90/2, 15 KW HEAT
HP - 1	HEAT PUMP	OUTSIDE	6.0 KW	240	1	60/2	X	MCA=31.1, MOCP=50, NEMA 3R
HP - 2	HEAT PUMP	OUTSIDE	6.0 KW	240	1	60/2	X	MCA=31.1, MOCP=50, NEMA 3R
EF - 1	EXHAUST FAN		100 W	120	1			3
EF - 2	EXHAUST FAN		16.9 W	120	1			1, 2
EF - 3	EXHAUST FAN		16.9 W	120	1			1, 2
EF - 4	EXHAUST FAN		16.9 W	120	1			1, 2
EF - 5	EXHAUST FAN		16.9 W	120	1			1, 2
EF - 6	EXHAUST FAN		16.9 W	120	1			1, 2
BBH - 1	BASEBOARD HEATER		750 W	240	1			TWO UNITS
WH - 1	WATER HEATER		4.5 KW	240	1			

KEYED NOTES

1 MOTOR RATED SWITCH .
2 WIRE FAN POWER THROUGH CONTROL RELAY PROVIDED BY MECHANICAL
2 WIRE FAN POWER THROUGH LINE-VOLTAGE COOLING THERMOSTAT PROVIDED BY MECHANICAL

1/21/2025 COMMUNITY BUILDING

PANEL ' MDP ' FAULT CURRENT = 33,234

1000 AMP MAIN BREAKER 120 / 240 VOLTS 1-PHASE, 3-WIRE

FEEDER SIZE ALUMINUM: 4 SETS - 3" C, 3 #350 PH, #4/0 GRD FLUSH MOUNTED

LOAD DISTRIBUTION	LTG	REC	MOTOR	DATA	EXTG	HEAT	MISC	PH-A	PH-B	TOTAL	AMPS	WITH SPARE	25%
CONNECTED VA	11539	26652	24062	0	0	120 K	500	91993	90760	183 K	767	228 KVA	958
DIVERSITY FACTOR	125%	69%	100%	100%	65%	100%	100%						
DIVERSIFIED VA	14424	18326	24062	0	0	120 K	500	88729	88584	177 K	739	222 KVA	924

PL	T	LOAD	VA	HP	PHW	GND	CON	BKR	PH	BKR	CON	GND	PHW	HP	VA	LOAD	T	PL
1	P	PANEL CB1	11485					200	2 A	2 200					9825	PANEL AL	P	2
3	P	PANEL CB1	12119						B						8841	PANEL AL	P	4
5	H	FC - 1	8160		4	8	1	90	2 A	2 90	1	8	4		8160	FC - 2	H	6
7	H		8160						B						8160		H	8
9	M	HP - 1	2986		8	10	3/4	50	2 A	2 50	3/4	10	8		2986	HP - 2	M	10
11	M		2986						B						2986		M	12
13	H	WATER HEATER	2250		10	10	1/2	30	2 A	2 110	1 1/4	6	2		10000	MAU HEAT	H	14
15	H		2250						B						10000		H	16
17	H	RANGE	8600		3	8	1	90	2 A	2 20	1/2	12	12	1	960	MAU FAN	M	18
19	H		8600						B						960		M	20
21	H	CONVECTION OVEN	5040		6	10	3/4	60	2 A	2 90	1	8	3		8400	BOOSTER HEATER	H	22
23	H		5040						B						8400		H	24
25	H	AMER. LEG. FURNACE	8640		3	8	1	90	2 A	2 40	3/4	10	8		3840	DISHWASHER	M	26
27	H		8640						B						3840		M	28
29									A									30
31									B									32
33									A									34
35									B									36
37									A									38
39									B									40
41									A									42

MDP 1/22/2025 FED FROM UTILITY TRANSFORMER

ALL CIRCUIT CONDUCTORS SIZED FOR COPPER 24.29 Schedules

COMMUNITY BUILDING PANEL PANEL ' CB1 ' FAULT CURRENT = 21,152

200 AMP MAIN BREAKER 120 / 240 VOLTS 1-PHASE, 3-WIRE

FEEDER SIZE ALUMINUM: 2" C, 3 #250 PH, #4 GRD FLUSH MOUNTED

LOAD DISTRIBUTION	LTG	REC	MOTOR	DATA	EXTG	HEAT	MISC	PH-A	PH-B	TOTAL	AMPS	WITH SPARE	25%
CONNECTED VA	7937	13860	0	0	0	1500	500	11934	11863	23797	99	29746 VA	124
DIVERSITY FACTOR	125%	86%	100%	100%	65%	100%	100%						
DIVERSIFIED VA	9921	11930	0	0	0	1500	500	11732	12119	23851	101	29814 VA	126

PL	T	LOAD	VA	HP	PHW	GND	CON	BKR	PH	BKR	CON	GND	PHW	HP	VA	LOAD	T	PL
1	H	BASEBOARD HEATERS	750		12	12	1/2	20	2 A	2 100					3420	PANEL CB2	P	2
3	H		750						B						4374	PANEL CB2	P	4
5	R	REC: AV CLOSET	360		12	12	1/2	20	1 A	1 20	1/2	12	12		1200	SPDT LTS 1	L	6
7	R	REC: AV CLOSET	360		12	12	1/2	20	1 B	1 20	1/2	12	12		1200	SPDT LTS 2	L	8
9	R	REC: W BACK WALL	360		12	12	1/2	20	1 A	1 20	1/2	12	12		1200	SPDT LTS 3	L	10
11	R	REC: NW CORNER	360		12	12	1/2	20	1 B	1 20	1/2	12	12		1200	SPDT LTS 4	L	12
13	R	REC: DRINKING FT	720		12	12	1/2	20	1 A	1 20	1/2				0	SPARE		14
15	R	REC: WEST WALL	540		12	12	1/2	20	1 B	1 20	1/2				0	SPARE		16
17	R	REC: SW WALL	540		12	12	1/2	20	1 A	1 20	1/2				0	SPARE		18
19	R	REC: E BACK WALL	360		12	12	1/2	20	1 B	1 20	1/2				0	SPARE		20
21	R	REC: NE WALL	360		12	12	1/2	20	1 A	1 20	1/2				0	SPARE		22
23		SPARE	0				1/2	20	1 B	1 20	1/2				0	SPARE		24
25		SPARE	0				1/2	20	1 A									26
27		SPARE	0				1/2	20	1 B									28
29	R	REC: CUST / TOILET 7	540		12	12	1/2	20	1 A									30
31	R	REC: STORE / HALL	720		12	12	1/2	20	1 B									32
33	R	REC: TOILETS / HALL	540		12	12	1/2	20	1 A									34
35	R	REC: SERV. ENTRY	540		12	12	1/2	20	1 B									36
37	R	REC: FRONT SOFFIT	540		12	12	1/2	20	1 A	1 20	1/2	12	12		204	SITE LIGHTS	L	38
39	R	REC: BACK SOFFIT	360		12	12	1/2	20	1 B	1 20	1/2	12	12		1326	LTS: MULTI-PURP RM	L	40
41	D	FACP	500		12	12	1/2	20	1 A	1 20	1/2	12	12		700	LTS: SERV. & TOILETS	L	42

CB1 1/31/2025 FED FROM PANEL 'MDP'

ALL CIRCUIT CONDUCTORS SIZED FOR COPPER 24.29 Schedules

COMMUNITY BUILDING STAGE PANEL PANEL ' CB2 ' FAULT CURRENT = 4,259

100 AMP MAIN BREAKER 120 / 240 VOLTS 1-PHASE, 3-WIRE

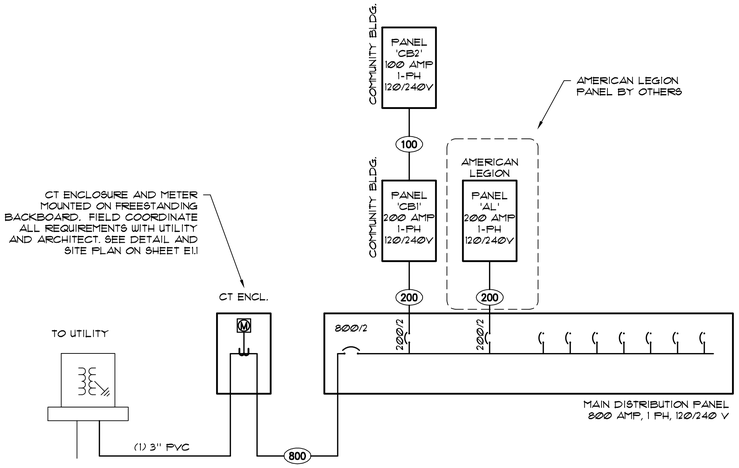
FEEDER SIZE ALUMINUM: 1 1/2" C, 3 #1/0 PH, #6 GRD FLUSH MOUNTED

LOAD DISTRIBUTION	LTG	REC	MOTOR	DATA	EXTG	HEAT	MISC	PH-A	PH-B	TOTAL	AMPS	WITH SPARE	25%
CONNECTED VA	907	6660	0	0	0	0	0	3420	4147	7567	35	9459 VA	43
DIVERSITY FACTOR	125%	100%	100%	100%	65%	100%	100%						
DIVERSIFIED VA	1134	6660	0	0	0	0	0	3420	4374	7794	36	9742 VA	46

PL	T	LOAD	VA	HP	PHW	GND	CON	BKR	PH	BKR	CON	GND	PHW	HP	VA	LOAD	T	PL
1	R	REC: NE CORNER	360		12	12	1/2	20	1 A	1 20	1/2	12	12		360	REC: GREEN RM	R	2
3	R	REC: NE CORNER	360		12	12	1/2	20	1 B	1 20	1/2	12	12		360	REC: GREEN RM	R	4
5	R	REC: EAST WALL	540		12	12	1/2	20	1 A	1 20	1/2	12	12		720	REC: GREEN RM / EPFM	R	6
7	R	REC: EAST WALL	540		12	12	1/2	20	1 B	1 20	1/2	12	12		360	REC: BACK PFM	R	8
9	R	REC: RAMP	1080		12	12	1/2	20	1 A	1 20	1/2	12	12		360	REC: BACK PFM	R	10
11	R	REC: STAGE FRONT	720		12	12	1/2	20	1 B	1 20	1/2	12	12		900	REC: PIANO / HALL	R	12
13									A									14
15									B									16
17									A									18
19									B									20
21									A									22
23									B	1 20	1/2	12	12		907	LTS: STAGE AREA	L	24

CB2 1/22/2025 FED FROM PANEL 'CB1'

ALL CIRCUIT CONDUCTORS SIZED FOR COPPER 24.29 Schedules



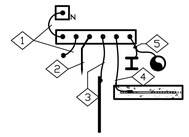
1 1-LINE DIAGRAM
E1.0 120/240 VOLT, 1-PHASE

FEEDER SCHEDULE

100 ALUMINUM: 2" C, 3 #1/0 PH, #6 GRD

200 ALUMINUM: 2" C, 3 #250 PH, #4 GRD

800 ALUMINUM: 3 SETS - 4" C, 3 #400 PH, #3/0 GRD



DETAIL NOTES

1. #3/0 KCMIL AL MAIN BONDING JUMPER AND EQUIPMENT BONDING JUMPER PER NEC 250.28(D) AND 250.102(C)
2. #3/0 KCMIL AL GROUNDING ELECTRODE SYSTEM JUMPER PER NEC 250.52(AX1,3 AND 5).
3. #6 CU TO ROD, PIPE, OR PLATE ELECTRODES PER NEC 250.66(A)
4. #4 CU TO CONCRETE ENCASED ELECTRODE PER NEC 250.52(AX3) AND 250.66(B)
5. WHERE REQUIRED, BOND PIPING SYSTEMS AND EXPOSED STRUCTURAL STEEL PER NEC 250.104

2 GROUNDING DETAIL
E1.0 TYPICAL

PROJECT NOTES

1. PACIFIC POWER SERVICE No. 7241458
2. METER BASE: STAINLESS STEEL
3. CT ENCLOSURE: STAINLESS STEEL
4. PRIMARY CONDUITS: 3" PVC, MINIMUM DEPTH OF 48"
5. SECONDARY CONDUITS: (2) 4" PVC, MINIMUM DEPTH OF 36"
6. TRANSFORMER VAULT/SLEEVE: UTILITY-PROVIDED, CONTRACTOR-INSTALLED

INCOMING ELECTRICAL SERVICE DIVISION OF RESPONSIBILITY

ELEC. CONTR.	UTILITY CO.	
		PRIMARY
X		CONDUIT - (1) 3" PVC
	X	CONDUCTORS
	X	GROUNDING
		SECONDARY
X		CONDUIT - (2) 4" PVC
	X	CONDUCTORS
		CURRENT TRANSFORMER
X		STAINLESS STEEL ENCLOSURE
	X	TRANSFORMER
		METER
X		STAINLESS STEEL METER BASE
	X	METER
X		GROUNDING
		TRANSFORMER
X		SLEEVE (VAULT): UTILITY-FURNISHED, CONTRACTOR-INSTALLED
	X	TRANSFORMER
	X	CONNECTIONS
		OTHER
X		BOLLARDS

COOS-CURRY	VERIZON	CHARTER CABLE
JANNA FRASER 43050 HWY 101 PORT ORFORD, OR 97465 PHONE: 541-332-3931	276 LaCLAIR COOS BAY, OR 97420 PHONE: 541-269-3370	CHRIS HINZMAN 1400 NEWMARK COOS BAY, OR 97420 PHONE: 541-888-5561

ALL SERVICE INSTALLATION WORK SHALL BE IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE SERVING UTILITIES.

DRAWINGS AND COORDINATION TABLE ABOVE INDICATE OUR BEST ESTIMATION OF UTILITY REQUIREMENTS AND RESPONSIBILITIES. PRIOR TO BID, CONTACT AND COORDINATE ALL REQUIREMENTS AND RESPONSIBILITIES IN WRITING WITH SERVING UTILITY COMPANIES.

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

DOUBLE 'E' ENGINEERING, LLC
Myrtle Point, Oregon
www.ee-engineering.com

REGISTERED PROFESSIONAL ENGINEER 65588 OREGON JULY 13, 2004 GREGORY L. PRIDE EXPIRES 12-31-26

PROJECT NO.: 18.27.2

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

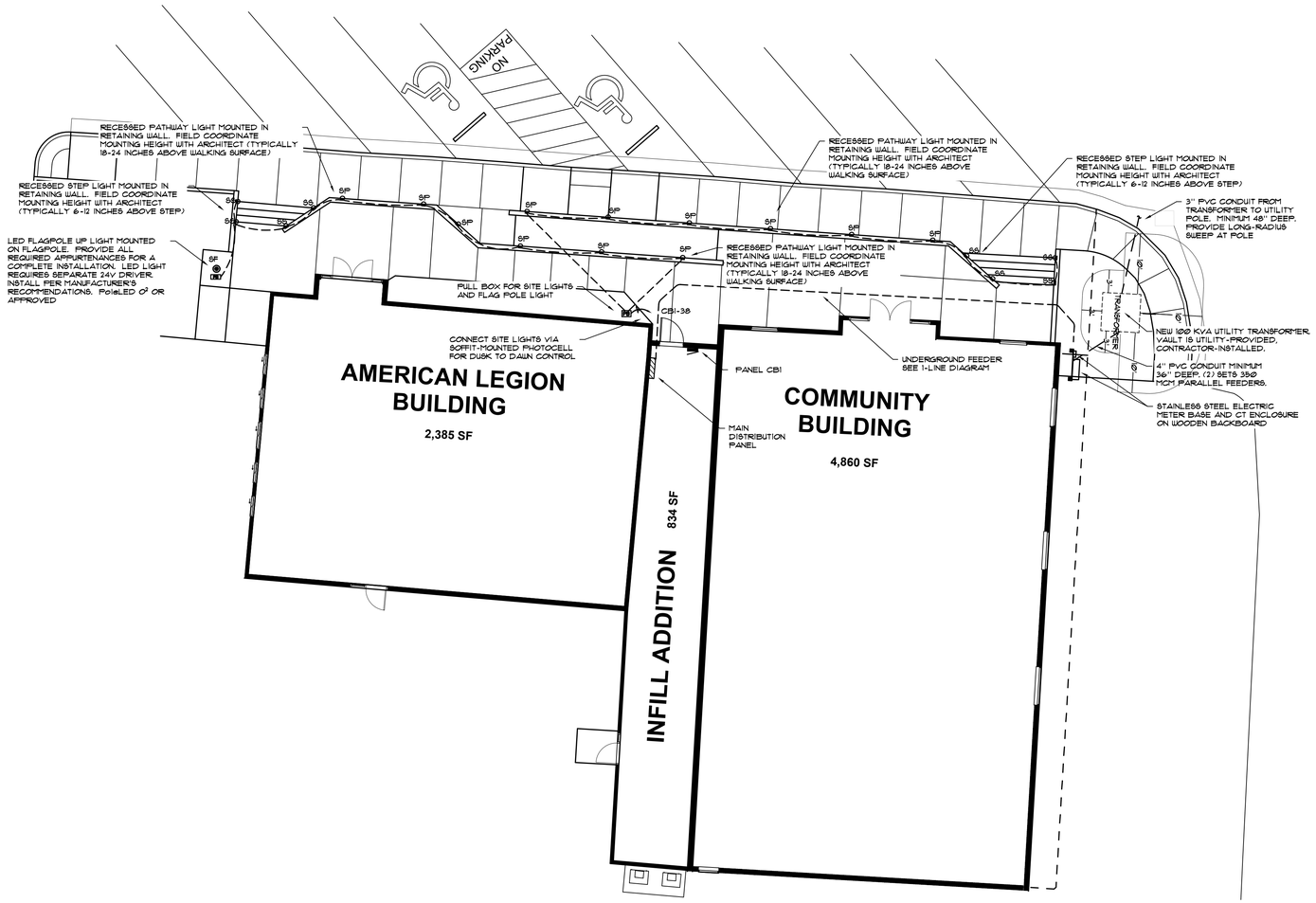
REVISIONS:

#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE: ELECTRICAL PLANS SYMBOLS & SCHEDULES

E1.0



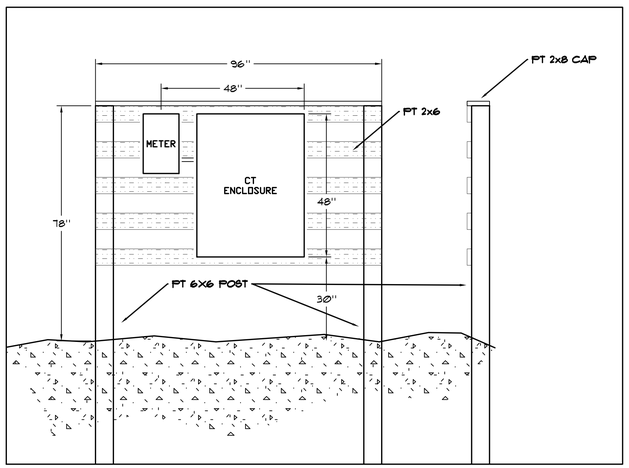
1 E1.1 ELECTRICAL SITE PLAN

SCALE: 1" = 10'

LIGHT FIXTURE SCHEDULE

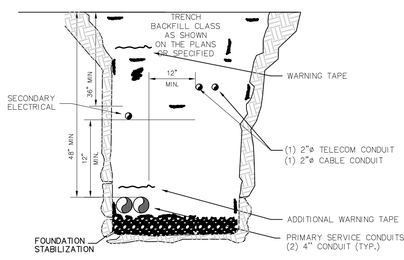
NAME	MANUFACTURER	DESCRIPTION	
CH	LITHONIA CSS L48 4000LM MVOLT 40K 80CRI	TYPE: HOUSING: FINISH: MOUNTING: LAMPS:	1 X 4 LED STRIP ALUMINUM FRAME WHITE POLYESTER COATING CHAIN HUNG LED, 80 CRI, 4000K, 4300 LUMEN (35.3 WATTS)
D6	LITHONIA WF6 LED 27K30K35K 90CRI MW	TYPE: TRIM: MOUNTING: LAMPS:	6" LED WAFER LIGHT MATTE WHITE RECESSED - VERIFY CEILING TYPE LED 3500K, 1100 LUMENS, 14 WATTS
D6P	LITHONIA LDN6CYL 35/2000 L06 AR LD MVOLT NPS80EZ BLACK HOUSING	TYPE: TRIM: MOUNTING: CONTROLS: LAMPS:	6" LED CYLINDER SELF FLANGED, CLEAR DIFFUSE PENDANT MOUNT nLIGHT DIMMABLE w/ AIR ENABLED LED 3500K, 2000 LUMENS, 23 WATTS
D6R	LITHONIA LDN6 ALO3 35K L06 AR LD MVOLT NPS80EZ	TYPE: TRIM: MOUNTING: CONTROLS: LAMPS:	6" LED RECESSED DOWNLIGHT SELF FLANGED, CLEAR DIFFUSE RECESSED - VERIFY CEILING TYPE nLIGHT DIMMABLE w/ AIR ENABLED LED 3500K, 2000 LUMENS, 25 WATTS
D6S	LITHONIA LDN6 ALO3 35K L06WW AR LD MVOLT NPS80EZ	TYPE: TRIM: MOUNTING: CONTROLS: LAMPS:	6" LED RECESSED DOWNLIGHT - WALLWASH SELF FLANGED, CLEAR DIFFUSE RECESSED - VERIFY CEILING TYPE nLIGHT DIMMABLE w/ AIR ENABLED LED 3500K, 3000 LUMENS, 38 WATTS
FP14	LITHONIA CPANL 1X4 24/33/44LM 35K M4 2X2CFMK	TYPE: HOUSING: FINISH: MOUNTING: LAMPS:	1 X 4 LED FLAT PANEL ALUMINUM FRAME WHITE POLYESTER COATING SURFACE - CEILING LED, 82 CRI, 3,500K, 3,300 LUMEN (20/28/39 WATTS)
L1	WAC LIGHTING ELEKTRON FM-21720 BK	TYPE: MOUNTING: FINISH: LAMPS:	20" DIAMETER CEILING LIGHT SEMI-FLUSH TO CEILING BLACK FRAME - FROSTED LENSE LED 3500K, 1300 LUMEN, 20 WATTS
P8	FINELITE SERIES 16 LED ID DCO 8' 3E S-S 835 FTO 120-FC-1% SC FA FE SW C4 67% UP / 33% DOWN	TYPE: HOUSING: MOUNTING: CONTROLS: LAMPS:	8-FOOT LED PENDANT DIE-FORMED STEEL SUSPENDED FROM CEILING VERIFY WITH ARCHITECT DIMMABLE TO 1% LED 5450 LUMEN 3500K 44 WATTS
P12	FINELITE SERIES 16 LED ID DCO 12' 3E S-S 835 FTO 120-FC-1% SC FA FE SW C4 67% UP / 33% DOWN	TYPE: HOUSING: MOUNTING: CONTROLS: LAMPS:	12-FOOT LED PENDANT DIE-FORMED STEEL SUSPENDED FROM CEILING VERIFY WITH ARCHITECT DIMMABLE TO 1% LED 8170 LUMEN 3500K 66 WATTS
SF	PoleLED 02 DISTRIBUTED BY CONCORD AMERICAN FLAGPOLE	TYPE: MOUNTING: LAMPS:	SITE FLAGPOLE LIGHT ON FLAGPOLE LED 24 WATT
SP	BEGA 33 055 K3 BRZ	TYPE: HOUSING: MOUNTING: LAMPS:	SITE PATHWAY LIGHT 12-1/2 x 2-3/4 BRONZE RECESSED IN RETAINING WALL LED 480 LUMEN 3000K 11 WATTS
SS	BEGA 33 053 K3 BRZ	TYPE: HOUSING: MOUNTING: LAMPS:	SITE STEP LIGHT 6-5/8 x 2-3/4 BRONZE RECESSED IN RETAINING WALL LED 230 LUMEN 3000K 6 WATTS
V3	KICHLER FARUM 55155BK	TYPE: MOUNTING: FINISH: LENS: LAMPS:	26" 3-LAMP VANITY SURFACE - WALL BLACK / CHAMPAGNE BRONZE WHITE FROSTED 3 - LED LAMPS 3,000K, 1000 LUMEN, 10 WATTS
W1	LITHONIA OLWP LED SWW2 120 PE DDB	TYPE: MOUNTING: LAMPS:	WALL PACK SURFACE - WALL LED 3000K, 1600 LUMEN, 18.5 WATTS
X	LITHONIA ECBR LED M6	TYPE: HOUSING: FINISH: MOUNTING: LAMPS: BATTERY: NOTE:	LED EXIT SIGN WITH EMERGENCY LIGHT BAR THERMOPLASTIC OR POLYCARBONATE WHITE HOUSING WITH RED LETTERS FIELD VERIFY MOUNTING LED NI-CAD BATTERY DOUBLE FACE AS NECESSARY
EM	LITHONIA ELM4L	TYPE: HOUSING: LAMPS: BATTERY:	EMERGENCY LIGHT THERMOPLASTIC OR POLYCARBONATE - WHITE LED NI-CAD BATTERY

COMMUNITY BUILDING — ALL FIXTURES ARE 120 VOLT UNLESS NOTED OTHERWISE



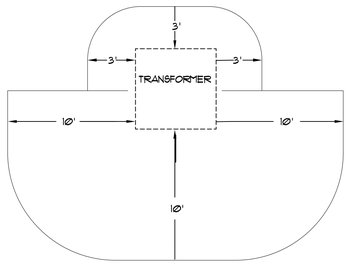
2 E1.1 TYPICAL SERVICE GEAR

DIAGRAMMATIC



3 E1.1 TYPICAL TRENCH SECTION

DIAGRAMMATIC

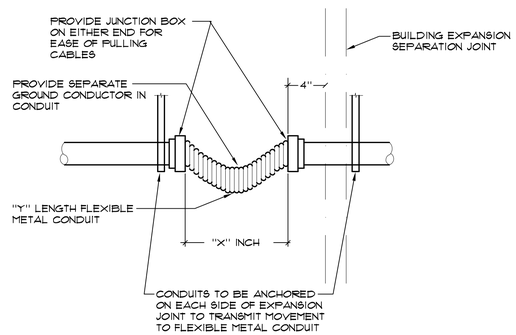


DETAIL NOTES

1. UTILITY-PROVIDED, CONTRACTOR-INSTALLED GROUND SLEEVE AND COUNTERPOISE FOR UTILITY INSTALLED TRANSFORMER. FIELD COORDINATE ALL REQUIREMENTS WITH UTILITY. PRELIMINARY SIZE OF 42" X 38"
2. INSTALL VAULT SO THAT A 10 FOOT MINIMUM CLEARANCE WILL BE MAINTAINED AT THE SIDES AND FRONT OF TRANSFORMER AND A 3 FOOT MINIMUM CLEARANCE WILL BE MAINTAINED AT THE BACK OF THE TRANSFORMER.

4 E1.1 TRANSFORMER DETAIL

DIAGRAMMATIC



1. SEE SPECIFICATIONS SECTION 26-0510 3.02 F & G FOR EXPANSION AND SEISMIC JOINTS.
2. INSTALL PER MANUFACTURER'S RECOMMENDATIONS

5 E1.1 EXPANSION JOINT DETAIL

DIAGRAMMATIC

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

DOUBLE 'E' ENGINEERING, LLC
Myrtle Point, Oregon
www.ee-engineering.com

REGISTERED PROFESSIONAL ENGINEER
65580
OREGON
JULY 13, 2004
GREGORY L. PRIDE
EXPIRES 12-31-26

PROJECT NO.: 18.27.2

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

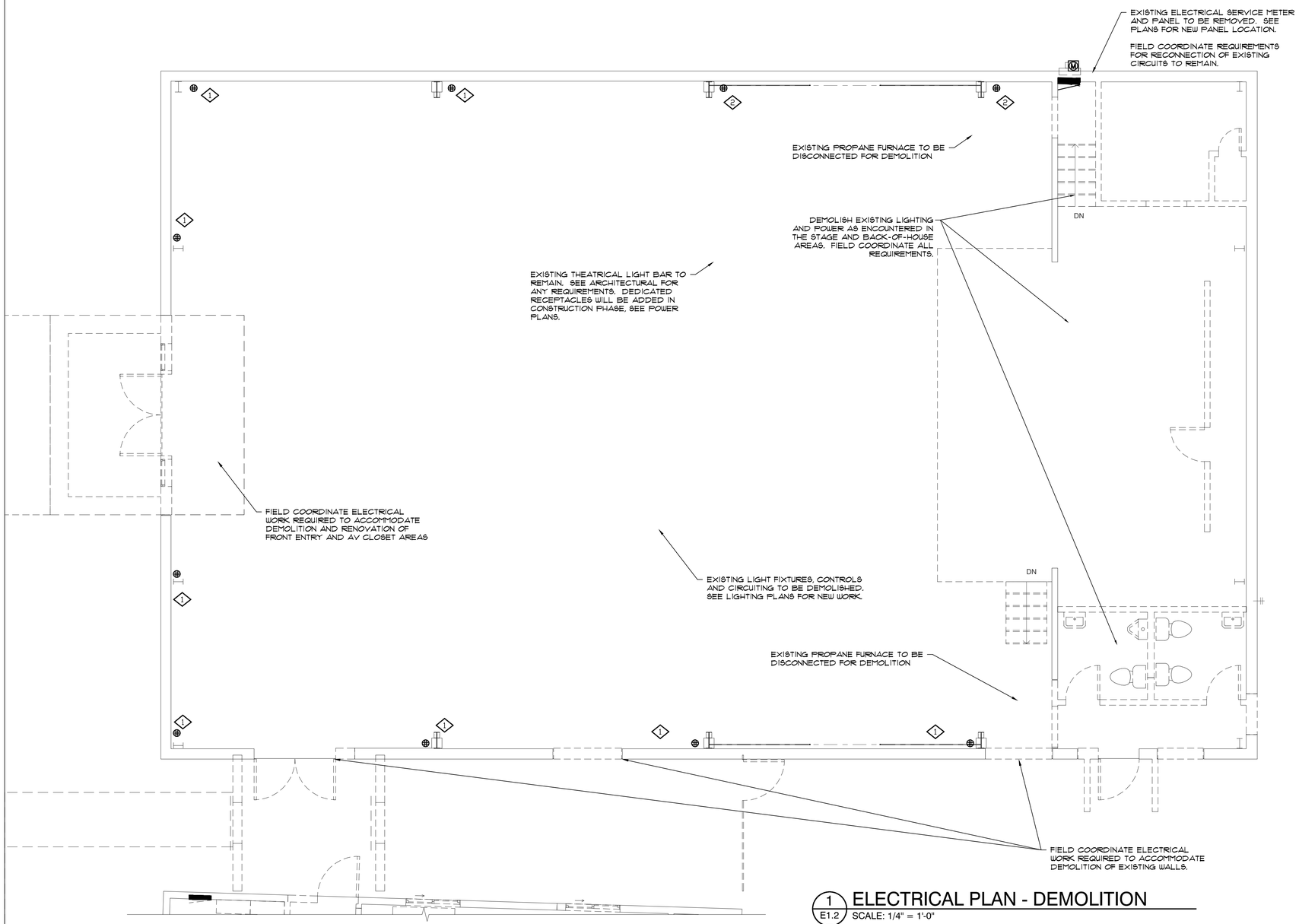
REVISIONS:

#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
ELECTRICAL PLANS
DEMOLITION

E1.1



1 E1.2 ELECTRICAL PLAN - DEMOLITION
SCALE: 1/4" = 1'-0"

DEMOLITION NOTES

1. WORK SHOWN ON PLAN IS BASED ON AVAILABLE INFORMATION AT THE TIME OF DESIGN. CONTRACTOR IS TO FIELD VERIFY AND COORDINATE PROJECT REQUIREMENTS WITH EXISTING CONDITIONS.
2. DEMOLISH EXISTING ELECTRICAL SERVICE
   FIELD COORDINATE DEMOLITION AND REMOVAL OF EXISTING COMMUNITY BUILDING ELECTRICAL SERVICE EQUIPMENT WITH COOS CURRY ELECTRIC.
3. REMOVE ALL ELECTRICAL (DEVICES, WIRING, LIGHTING, CONTROLS, PANELS, ETC.) AS ENCOUNTERED IN THE DEMOLITION AREAS. SEE ARCHITECTURAL PLANS FOR SPECIFIC DEMOLITION NOTES. FIELD COORDINATE ALL ITEMS.
4. DISCONNECT AND REMOVE (OR RELOCATE AND RECONNECT COMPLETE AS NECESSARY) EXISTING ELECTRICAL WIRING, BOXES, CONDUITS, EQUIPMENT, ETC. AS ENCOUNTERED IN REMODELED AREA. REMOVE ALL UNUSED WIRING AND CONDUIT BACK TO PANEL OR ORIGIN.
6. WIRING WHICH SERVES USABLE EXISTING LIGHTING AND POWER OUTLETS SHALL BE REROUTED AND RESTORED CLEAR OF CONSTRUCTION. MAINTAIN ELECTRICAL CONTINUITY OF EXISTING SYSTEM.
7. CONTRACTOR SHALL COORDINATE AND PERFORM NECESSARY ELECTRICAL DEMOLITION WORK ASSOCIATED WITH ALL ITEMS AND EQUIPMENT TO BE REMOVED.
8. CONFIRM THAT ALL EXISTING DEVICES AND EQUIPMENT PLANNED FOR REUSE ARE IN GOOD OPERATING CONDITION. UNSUITABLE ITEMS SHALL NOT BE REUSED. RETURN ALL OTHER ITEMS SUITABLE FOR REUSE TO OWNER.
9. WHEN ADDING LOAD TO EXISTING CIRCUITS, TAKE AMPERE READINGS OF EXISTING CIRCUIT UNDER FULL LOAD. IF CAPACITY OF DESIGNATED CIRCUIT IS NOT ADEQUATE FOR ADDITIONAL LOAD, COMBINE LOADS ON EXISTING CIRCUIT BREAKERS (WITH ADEQUATE SPACE) TO PROVIDE SPARE BREAKERS AND CIRCUIT SPACE.
10. DOCUMENTATION: CONTRACTOR SHALL MAINTAIN A CLEAN SET OF REDLINED DRAWINGS TO DOCUMENT ANY DEVIATION FROM THESE PLANS OR OTHER EXISTING CONDITION THAT IS TO BE INCORPORATED INTO THE PLANS.

KEYED NOTES

1. EXISTING RECEPTACLE LOCATION. PROVIDE NEW QUAD RECEPTACLE WITH COVERPLATE AND CONNECT TO DESIGNATED CIRCUIT.
2. EXISTING RECEPTACLE LOCATION TO BE RELOCATED TO ACCOMMODATE RAMP. PROVIDE NEW QUAD RECEPATALE AND CONNECT TO DESIGNATED CIRCUIT.

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

DOUBLE 'E' ENGINEERING, LLC
Myrtle Point, Oregon
www.ee-engineering.com

REGISTERED PROFESSIONAL ENGINEER 65580 OREGON JULY 13, 2004 GREGORY L. PRIDE
EXPIRES 12-31-26

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD
421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

#	DATE	DESCRIPTION

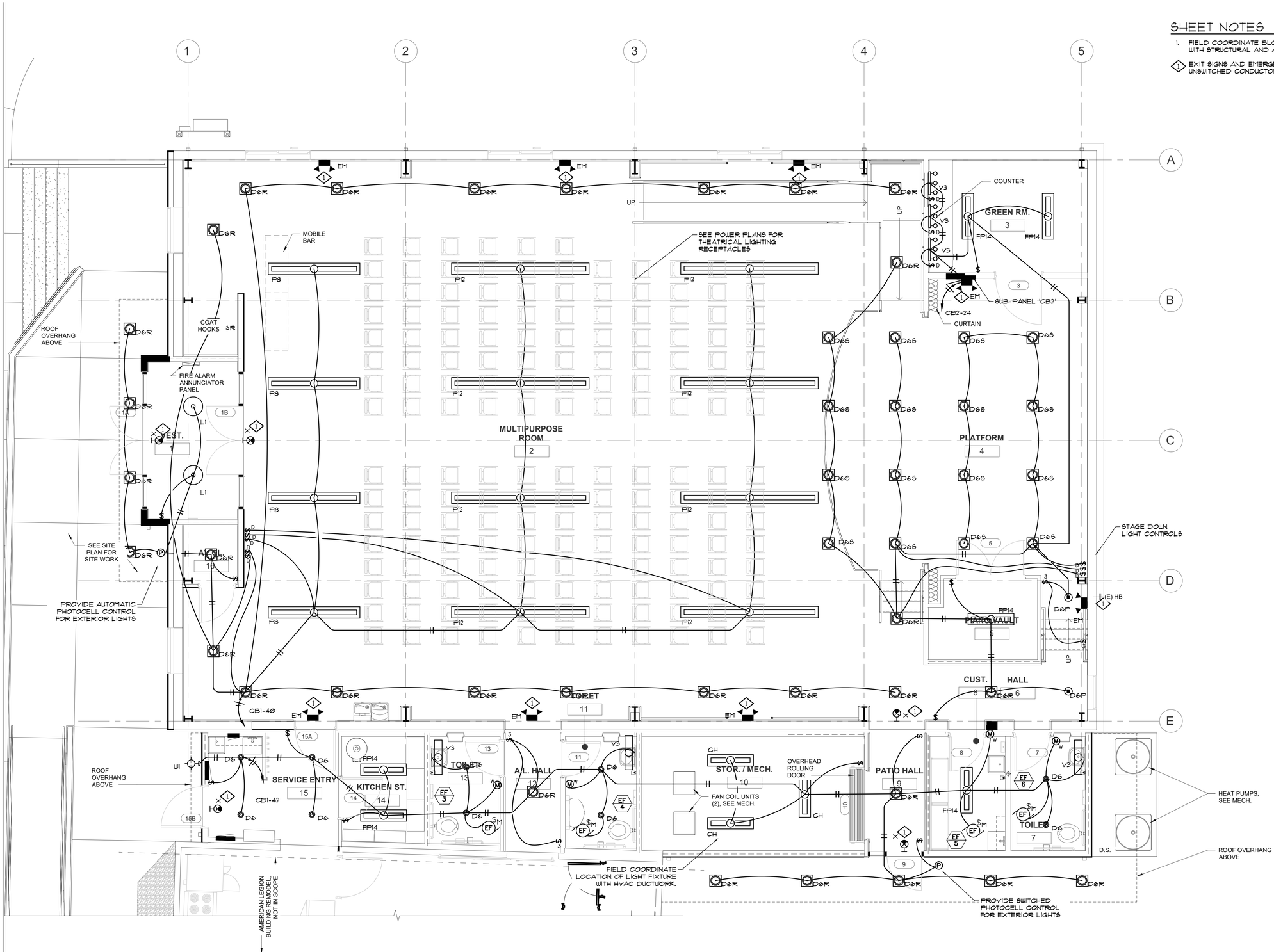
DATE: FEBRUARY 2025

SHEET TITLE:
ELECTRICAL PLANS
DEMOLITION

E1.2

SHEET NOTES

1. FIELD COORDINATE BLOCKING FOR ROUGH-IN AND FIXTURE SUPPORT WITH STRUCTURAL AND ARCHITECT.
2. (1) EXIT SIGNS AND EMERGENCY EGRESS LIGHTING: PROVIDE UNSWITCHED CONDUCTOR FROM LIGHTING CIRCUIT SERVING THIS AREA.



1 E2.0 **ELECTRICAL PLAN - LIGHTING**
SCALE: 1/4" = 1'-0"

FILE No. D:\Double 'E' Engineering_Projects\24.29 Port Orford Community Building\Drawings\24.29 Electrical Plan.dwg 01/31/25 10:55 - greg

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

DOUBLE 'E' ENGINEERING, LLC
Myrtle Point, Oregon
www.ee-engineering.com

REGISTERED PROFESSIONAL ENGINEER 65580 OREGON JULY 13, 2004 GREGORY L. PRIDE EXPIRES 12-31-26

PROJECT NO.: **18.27.2**

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD

421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
ELECTRICAL PLANS LIGHTING

E2.0

KEYED NOTES

1. EXISTING RECEPTACLE LOCATION. PROVIDE NEW QUAD RECEPTACLE WITH COVERPLATE AND CONNECT TO DESIGNATED CIRCUIT.
2. EXISTING RECEPTACLE LOCATION TO BE RELOCATED TO ACCOMMODATE RAMP. PROVIDE NEW QUAD RECEPATALE AND CONNECT TO DESIGNATED CIRCUIT.
3. DEDICATED SPOT LIGHT RECEPTACLE. FIELD COORDINATE MOUNTING OF RECEPTACLE ON BEAM NEAR CEILING. CONNECT TO DESIGNATED CIRCUIT.
4. PROVIDE SINGLE RECEPTACLE NEAR CEILING FOR SPECIAL EVENT LIGHTS. PROVIDE LOCAL CONTROL BELOW RECEPTACLE AT +48"
5. PROVIDE GFCI RECEPTACLE UNDER LAVATORY FOR VALVE TRANSFORMER.

10'
10'
10'
TRANSFORMER
3'
3'
3'
NEW 100 KVA UTILITY TRANSFORMER VAULT IS UTILITY-PROVIDED, CONTRACTOR-INSTALLED.
3" PVC CONDUIT FROM TRANSFORMER TO UTILITY POLE. MINIMUM 48" DEEP. PROVIDE LONG-RADIUS SWEEP AT POLE
4" PVC CONDUIT MINIMUM 36" DEEP. (2) SETS 350 MCM PARALLEL FEEDERS.
STAINLESS STEEL ELECTRIC METER BASE AND CT ENCLOSURE ON WOODEN BACKBOARD
UNDERGROUND FEEDER SEE 1-LINE DIAGRAM
1
2
3
4
5
A
B
C
D
E
CB2-1
CB2-3
CB2-5
CB2-7
CB2-9
CB1-6
UP
SUB-PANEL 'CB2'
COUNTER
CB2-2
GREEN RM.
3
CB2-4
CURTAIN
CB2-6
CB2-8
CB2-11
MOBILE BAR
CB1-21
SOFFIT-MOUNTED GFCI RECEPTACLE
WP
ROOF OVERHANG ABOVE
COAT HOOKS
CB1-19
BBH 1
FAAP
FIRE ALARM ANNUNCIATOR PANEL
1A
1B
VEST.
SPEAKERS AND AUDIO SYSTEM BY OTHERS
MULTIPURPOSE ROOM
2
CB1-8
PLATFORM
4
CB2-10
CB1-13
EF 1
CB1-9
AV CL.
16
CB1-5
CB1-7
SEE SITE PLAN FOR SITE WORK
CB2-12
5
(E) HB
PIANO VAULT
5
CB1-12
CB1-11
SOFFIT OUTLET CONTROLS. LABEL APPROPRIATELY
CB1-13
CB1-15
TOILET
11
CB1-17
CUST.
8
HALL
6
UNDERGROUND FEEDER SEE 1-LINE DIAGRAM
COMMUNITY BUILDING PANEL 'CB1'
EF 2
CB1-35
SERVICE ENTRY
15
15A
MDP-13,15
KITCHEN ST.
14
TOILET
13
A.L. HALL
12
CB1-33
STOR. / MECH.
10
MDP-6,8
FAN COIL UNITS (2), SEE MECH.
MDP-5,7
CB1-31
OVERHEAD ROLLING DOOR
PATIO HALL
9
CB1-29
TOILET
7
MDP-10,12
HEAT PUMPS, SEE MECH.
MDP-9,11
ROOF OVERHANG ABOVE
FACP
CB1-41
2B
CB1-37
MAIN DISTRIBUTION PANEL 'MDP'
PANEL 'AL' BY OTHERS
AMERICAN LEGION BUILDING REMODEL NOT IN SCOPE
SOFFIT-MOUNTED GFCI RECEPTACLE. PROVIDE CONTROL IN SERVICE ENTRY AREA.
CB1-39
SOFFIT-MOUNTED GFCI RECEPTACLE

1 E3.0 ELECTRICAL PLAN - POWER & SIGNAL
SCALE: 1/4" = 1'-0"

HGE ARCHITECTS
333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

DOUBLE 'E' ENGINEERING, LLC
Myrtle Point, Oregon
www.ee-engineering.com

REGISTERED PROFESSIONAL ENGINEER
65580
OREGON
JULY 13, 2004
GREGORY L. PRIDE
EXPIRES 12-31-26

PROJECT NO.: 18.27.2

PORT ORFORD COMMUNITY BUILDING REMODEL

CITY OF PORT ORFORD
421 11TH ST
PORT ORFORD, OR 97465

CONSTRUCTION

REVISIONS:

#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
ELECTRICAL PLANS
POWER & SIGNAL

E3.0

FILE No. D:\Double 'E' Engineering_Projects\24.29 Port Orford Community Building\Drawings\24.29 Electrical Plan.dwg 01/31/25 10:55 — greg