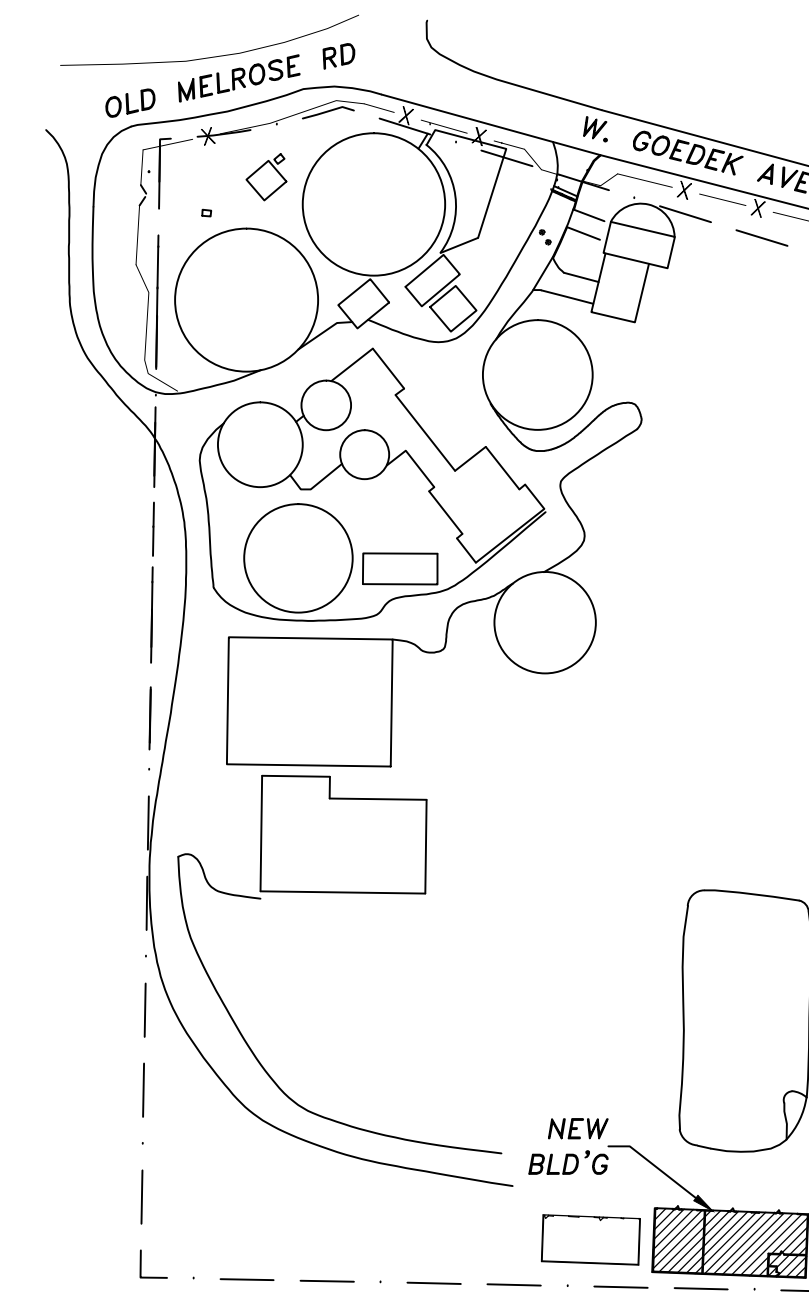


PARTIAL SITE PLAN
SCALE 1" = 30'

RETAIN EXCAVATED MATERIAL
FOR SITE GRADING



WORK AREA
NTS

GENERAL NOTES

GENERAL CONDITIONS

ALL WORK SHALL COMPLY WITH:
 THE 2022 OREGON STRUCTURAL SPECIALTY CODE,
 THE 2022 OREGON MECHANICAL SPECIALTY CODE,
 THE 2023 OREGON PLUMBING SPECIALTY CODE,
 THE 2023 OREGON ELECTRICAL SPECIALTY CODE,
 THE 2021 OREGON ENERGY EFFICIENCY SPECIALTY CODE,
 THE 2022 OREGON FIRE CODE.

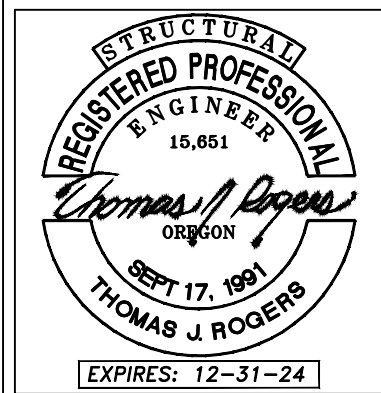
THE CONTRACTOR IS RESPONSIBLE FOR CHECKING THE PLANS AND SITE CONDITIONS AND NOTIFYING THE ENGINEER OF ANY ERRORS OR OMISSIONS PRIOR TO THE START OF CONSTRUCTION.

WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS.

SHEET INDEX

C-1	SITE PLAN & SHEET INDEX
C-2	UTILITY PLAN
A1.0	ELEVATIONS & CODE INFO
A2.0	FLOOR PLAN & SCHEDULES
A2.2	BREAK ROOM DETAILS
S1.0	FOUNDATION PLAN & DETAILS
S2.0	BREAK ROOM FRAMING
S3.0	ROOF FRAMING
M1.0	MECHANICAL PLAN
E1	SITE, SCHEDULES, ONE-LINE DIAGRAM
E2	ELECTRICAL PLAN
P1.0	PLUMBING PLAN

REVISIONS



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ROSEBURG URBAN SANITARY AUTHORITY
 3485 W. GOEDECK AVE ROSEBURG, OR 97471
 WRF VEICHL & EQUIPMENT STORAGE BUILDING

DRAWN : T.R. CHECKED : T.R.

DATE : MAY 2024

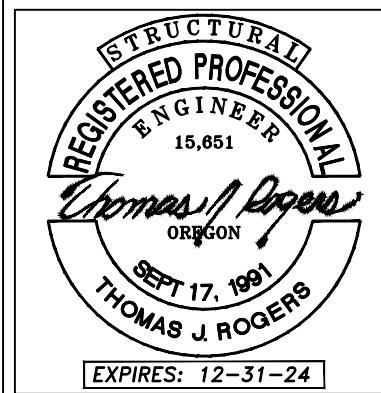
SCALE : AS NOTED

JOB NO. : 23-057

SHEET

C1.0

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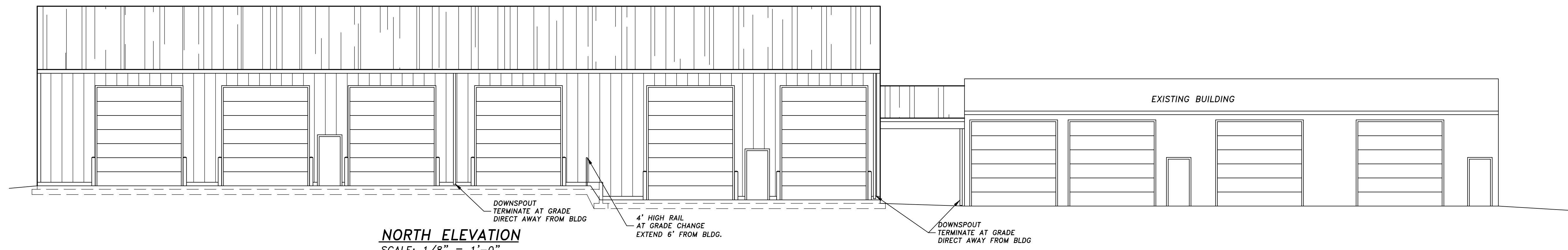
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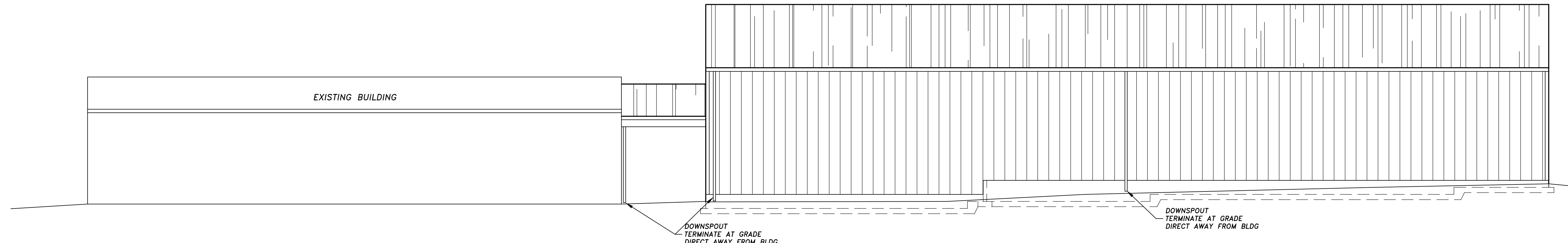


UTILITY PLAN
 SCALE 1" = 10'

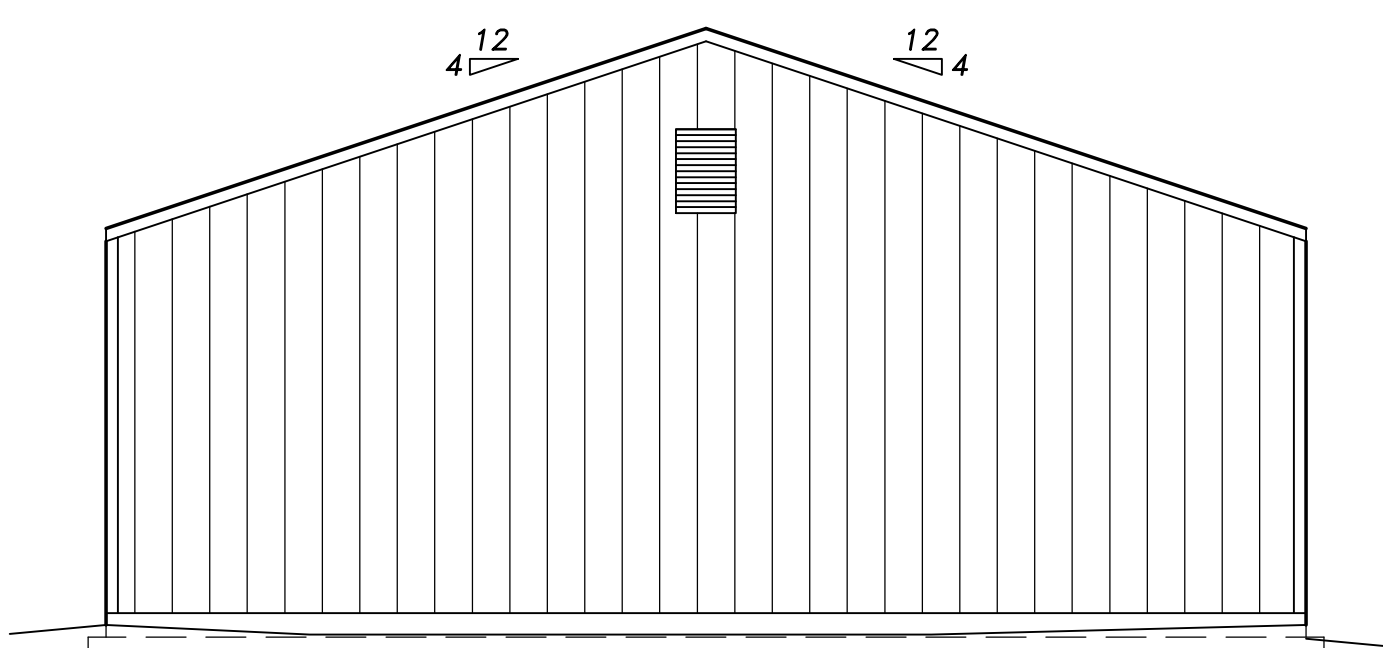




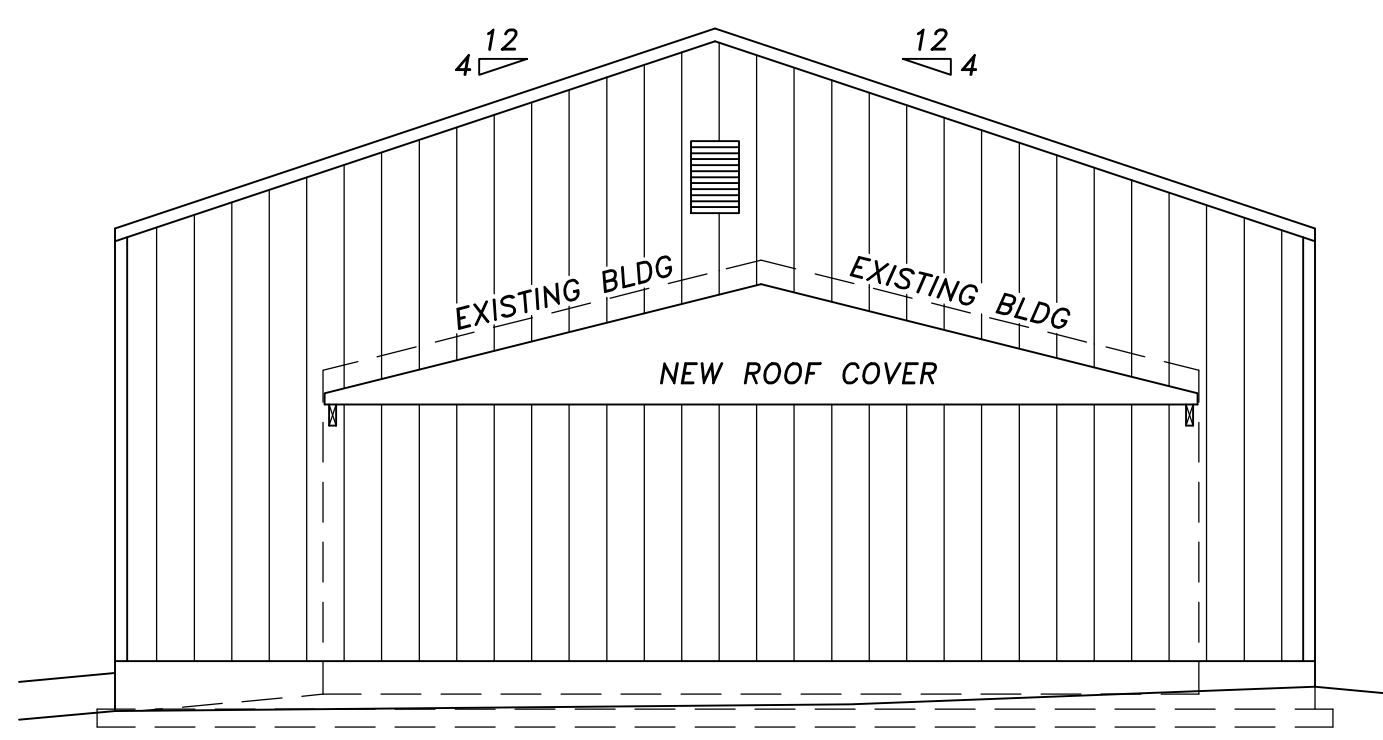
NORTH ELEVATION
SCALE: 1/8" = 1'-0"



SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



EAST ELEVATION
SCALE: 1/8" = 1'-0"



WEST ELEVATION
SCALE: 1/8" = 1'-0"

CODE INFORMATION	
OCCUPANCY	OCCUPANT LOAD
SHOP S-1	SEE FLOOR PLAN
BREAK ROOM B	EXITING
BREAK ROOM = ACCESSORY USE < 10%	SEE FLOOR PLAN
MAIN OCCUPANCY OSSC SEC. 508.2.3	
CONSTRUCTION	PLUMBING FIXTURES
V-B CONSTRUCTION	TABLE 2902.1
	OCCUPANT LOAD CALCULATED = 40
AREA	WATER CLOSET
EXISTING 2,662 SQ. FT.	STORAGE/FABRICATION 1:100
PROPOSED 6,251 SQ. FT.	LAVATORY
TOTAL 8,913 SQ. FT.	STORAGE/FABRICATION 1:100
ALLOWABLE AREA 9,000 SQ. FT.	(1) WC & (1) LAV PROVIDED
FRONTAGE INCREASE NOT USED	ENERGY CONSERVATION
FIRE AREA	PARKING AREAS NON-CONDITIONED
UPPER LEVEL OF PROPOSED BUILDING 3,920 SQ. FT.	OPTIONAL:
EXISTING BUILDING + LOWER LEVEL PROPOSED BUILDING 4,986 SQ. FT.	ATTIC R-30
3-HR FIRE BARRIER PROVIDED AT STEP DOWN IN PROPOSED BUILDING	WALLS R-21
	BREAK ROOM
	CEILING R-38
	WALLS R-21
	OPAQUE DOORS U- 0.37
	PROVIDE WEATHER-STRIPPING AND CAULKING AT ALL EXTERIOR OPENINGS.

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SHEET
A1.0

ROOM FINISH SCHEDULE						
ROOM #	ROOM NAME	FLOOR	BASE	WALLS	CEILING	PAINT
		CONCRETE	6" VINYL BASE	5/8" GYPSUM - SMOOTH 1/2" PLYWOOD	5/8" GYPSUM SMOOTH	CEILING WALLS
100	BREAK ROOM	•	•	•	•	•
101	RESTROOM	•	•	1	•	• 3
102	PARKING - UPPER	•	•	2	•	•
103	PARKING - LOWER	•	•	2	•	•

NOTES:
 1. 4 FT. HT. WATER RESISTANT AT SOUTH & WEST WALL
 2. 8 FT. HEIGHT
 3. EPOXY PAINT

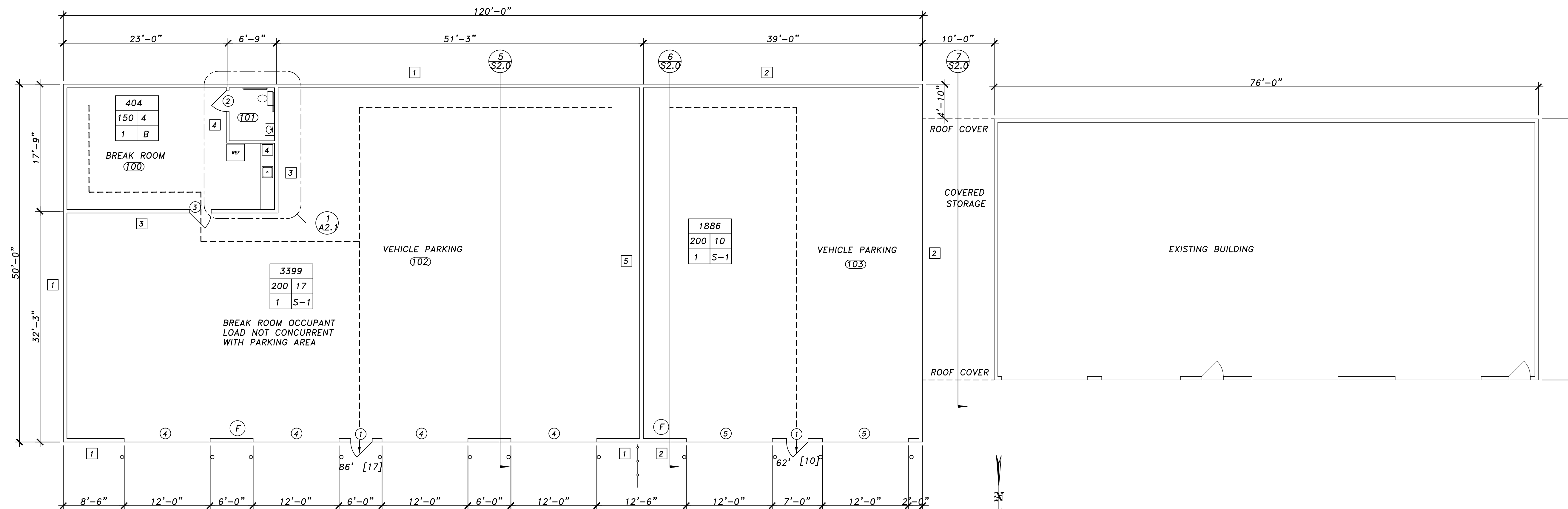
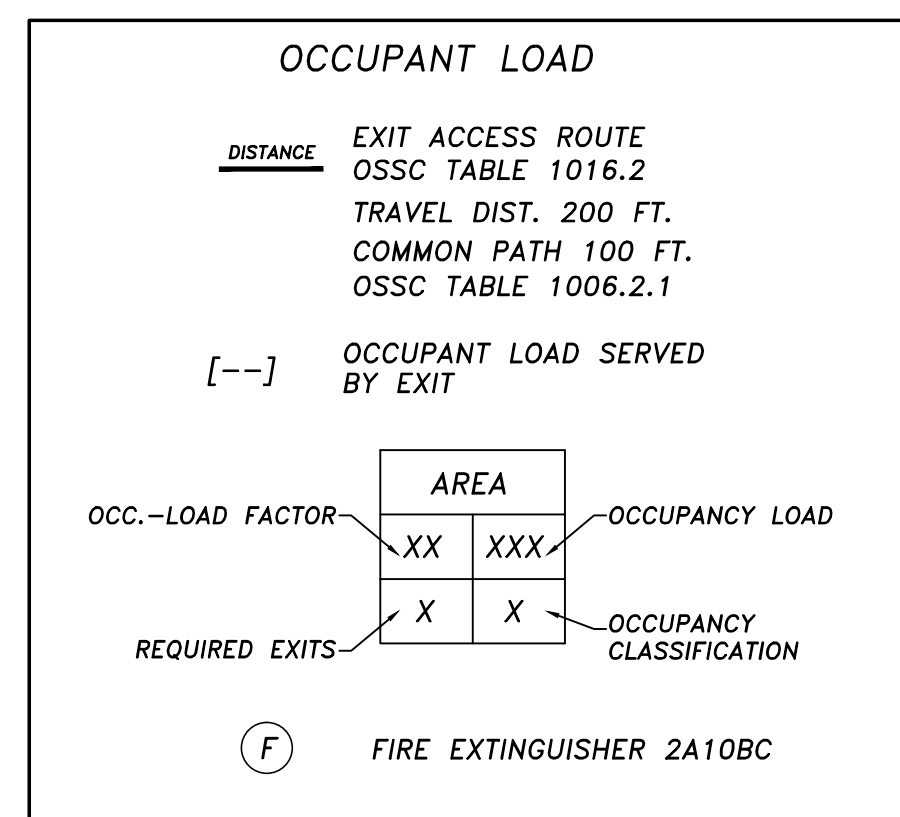
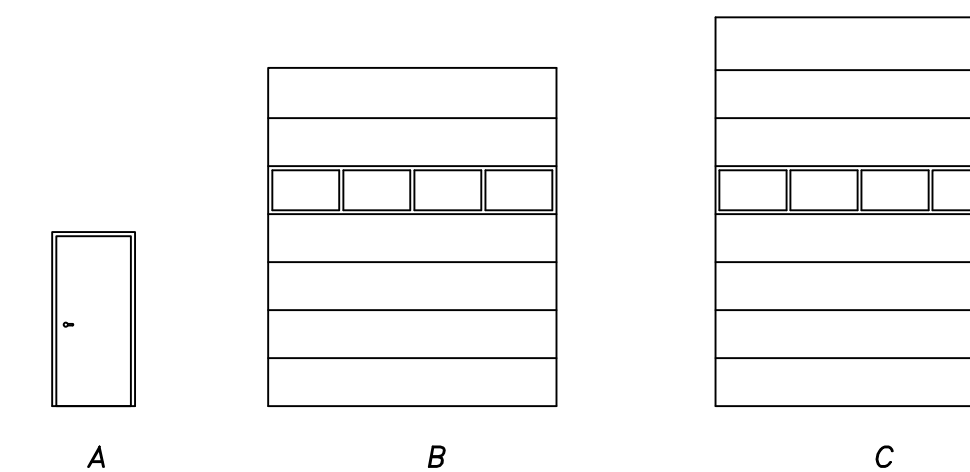
WALL SCHEDULE			
NO.	CONSTRUCTION	FINISH	NOTES
1	2x6 16" O.C.	EXT.- METAL SIDING, 7/16" SHEATHING INT.- 5/8" GYP. BD.	R-21 INSULATION
2	2x6 12" O.C.	EXT.- METAL SIDING, 7/16" SHEATHING INT.- 5/8" GYP. BD.	R-21 INSULATION
3	2x6 24" O.C.	5/8" GYP. BD. INT. 1/2" PLYWOOD EXT.	R-21 INSULATION
4	2x4 16" O.C.	5/8" GYP. BD. EA. SIDE	
5	600S125-33 24" O.C.	GA FILE NO. WP 2922	3-HR RATING

DOOR SCHEDULE				
NO.	SIZE	MATL.	TYPE	REMARKS
1	3'-0"x7'-0"	HM	A	WEATHERSTRIP - CLOSER - LOCK
2	3'-0"x6'-8"	WOOD	A	PRIVACY LOCK - OCCUPIED INDICATOR
3	3'-0"x6'-8"	WOOD	A	PASSAGE LATCH
4	12'-0"x14'-0"	METAL	B	OVERHEAD - OPENER
5	12'-0"x16'-0"	METAL	C	OVERHEAD - OPENER

SEE DOOR AND WINDOW MANUFACTURER SPECIFICATIONS FOR ROUGH FRAMING DIMENSIONS.
 ALL SWINGING DOORS TO BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY EXCEPT MAIN EXTERIOR.
 ALL HARDWARE ON DOORS, CABINETS, PLUMBING FIXTURES AND STORAGE FACILITIES SHALL BE LEVER OR OTHER SHAPE TO ALLOW OPERATION WITHOUT TIGHT GRASPING, PINCHING OR TWISTING TO OPERATE. OPERATION FORCE MAY NOT EXCEED 5 POUNDS, EXCEPT EXTERIOR DOORS, WHICH MAY BE 8-1/2 POUNDS.
 DOOR THRESHOLDS TO BE A MAXIMUM 1/2" HEIGHT WITH BEVELED SLOPE NOT EXCEEDING 1:2.
 ALL DOORS TO BE FLASHED AND SEALED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS. OTHER OPENINGS TO BE FLASHED IN A MANNER TO MAKE THEM WEATHERPROOF.

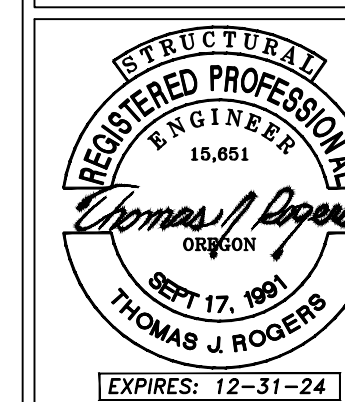
WALL ASSEMBLY NO. WP 2922

BASE LAYER 1/2" PROPRIETARY TYPE X GYPSUM WALLBOARD APPLIED PARALLEL TO EACH SIDE OF 6" 20 ga (33 MIL) STEEL STUDS WITH 1" TYPE S SCREWS 7" O.C. EDGES AND FIELD. BLOCK ALL EDGES WITH 20 ga (33 mil) STRAP OR BLOCKING. SECOND LAYER 1/2" PROPRIETARY TYPE X GYPSUM WALLBOARD APPLIES PARALLEL OR AT RIGHT ANGLES TO EACH SIDE WITH 1-5/8" TYPE S SCREWS 24" O.C.
 FACE LAYER 1/2" PROPRIETARY TYPE X GYPSUM WALLBOARD APPLIED AT RIGHT ANGLES WITH 2-1/4" TYPE S SCREWS 12" O.C. AND 1-1/2" TYPE G SCREWS MIDWAY BETWEEN THE STUDS AND 1-1/2" ABOVE AND BELOW HORIZONTAL JOINTS.
 JOINTS STAGGERED 24" EACH LAYER EACH SIDE.
 CONTRACTOR TO SUBMIT UL LISTED THROUGH-PENETRATION FIRE STOP SYSTEM FOR PENETRATIONS THROUGH THE WALL.



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

REVISIONS



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 WRF VEHICLE AND EQUIPMENT STORAGE BUILDING

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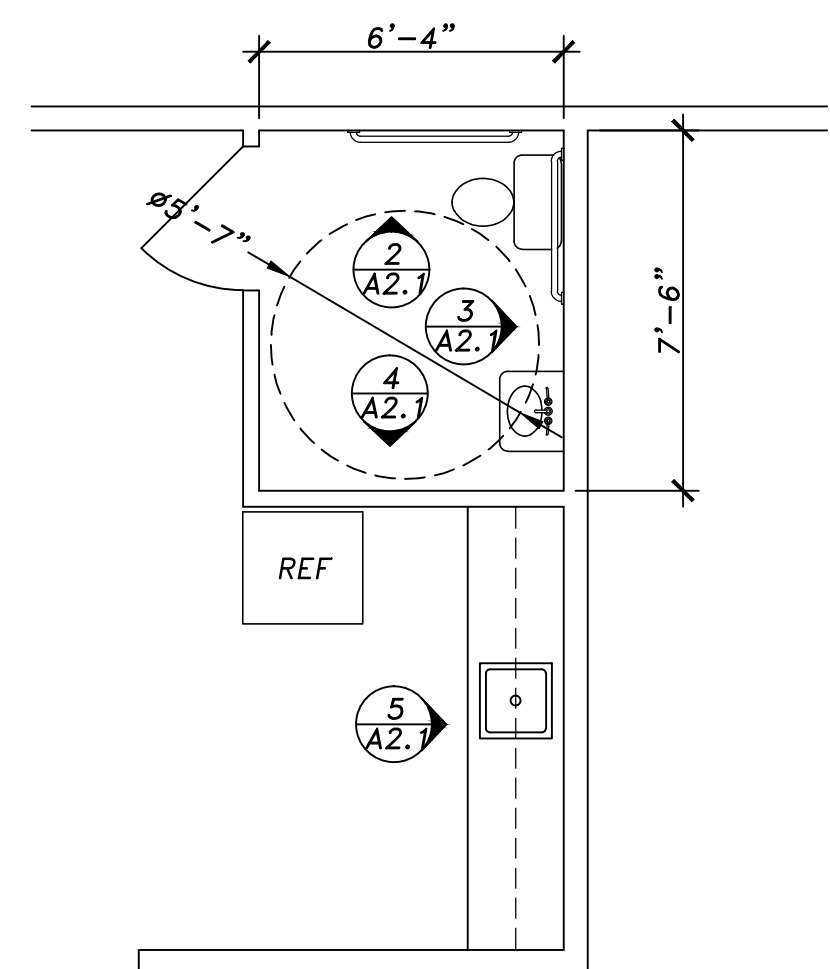
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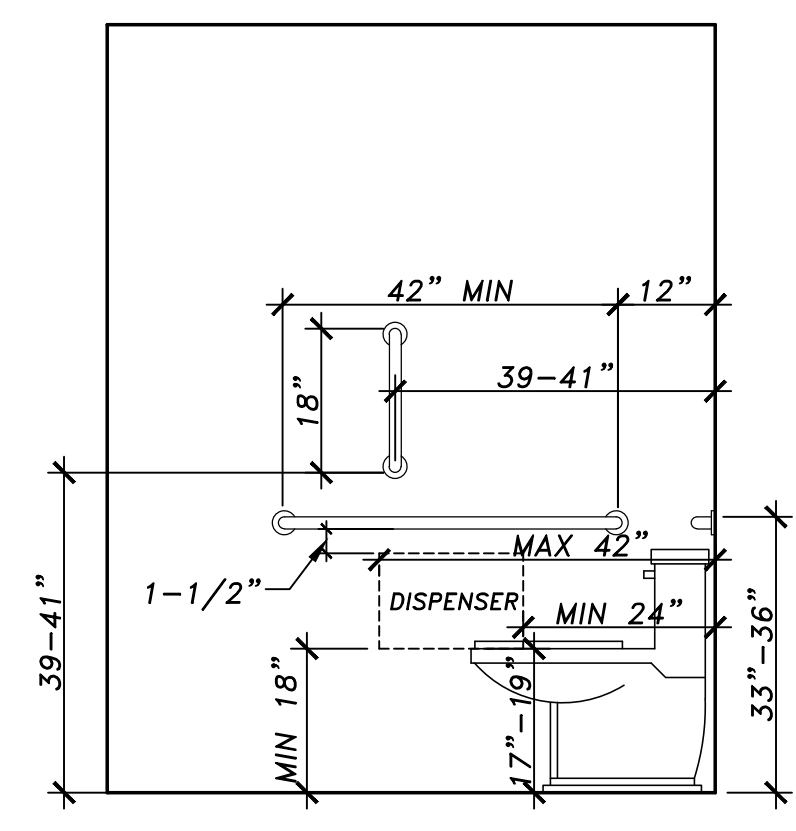
JOB NO. : 23-057

SHEET

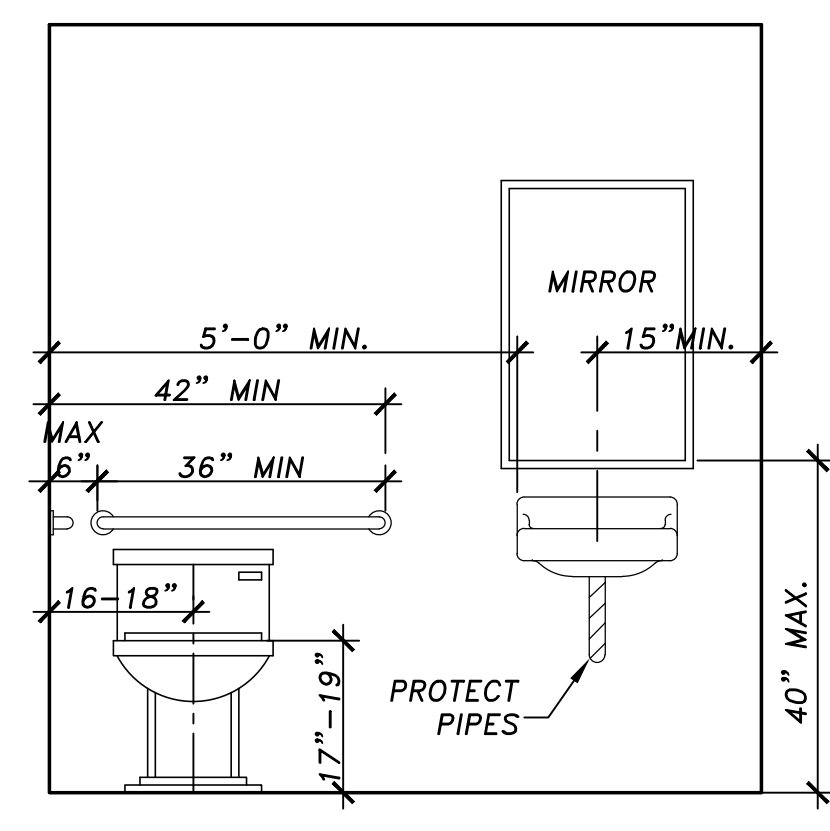
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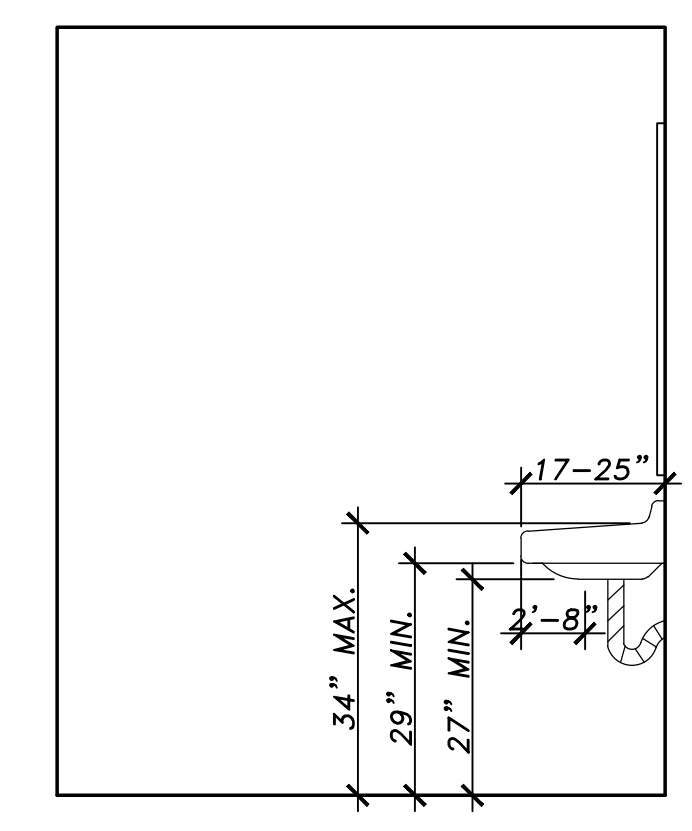
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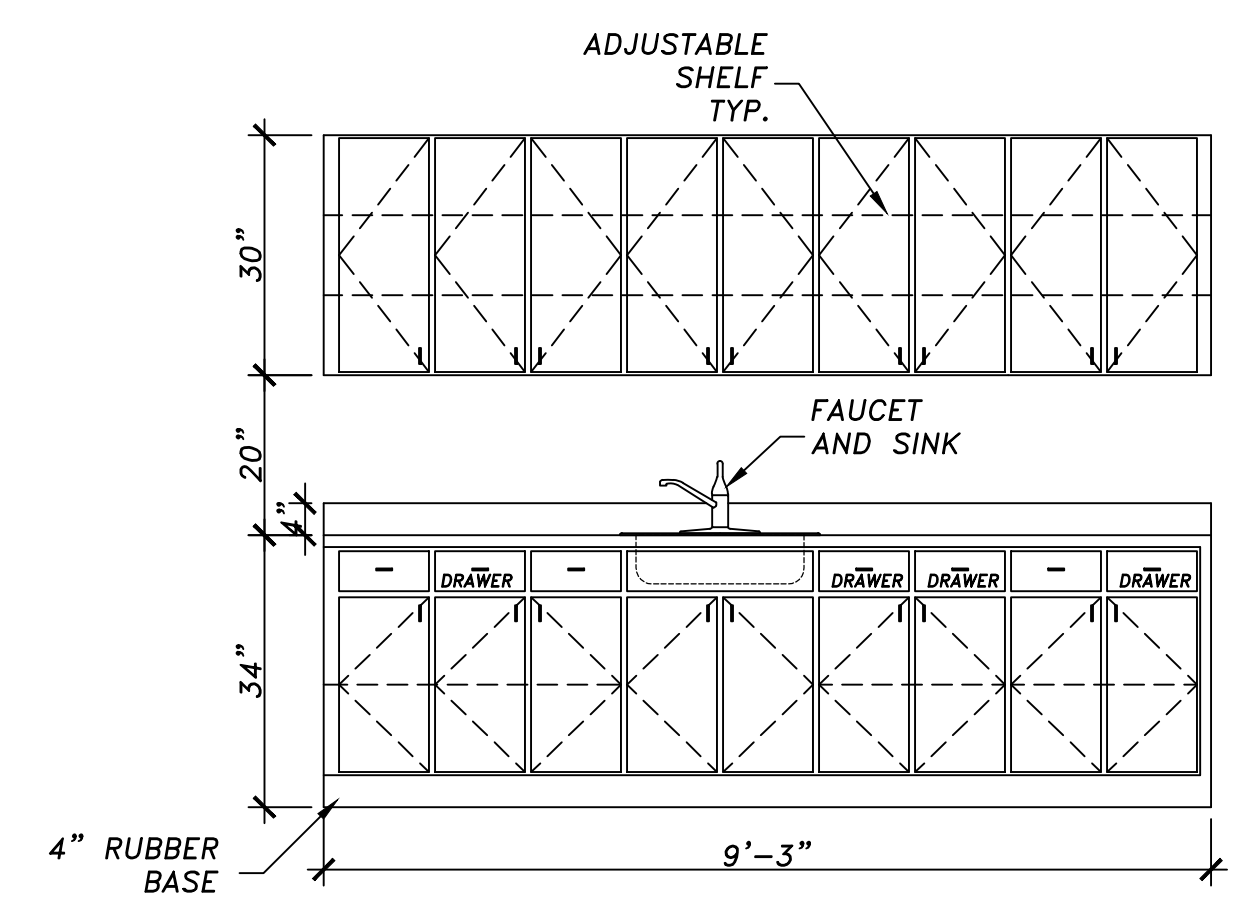
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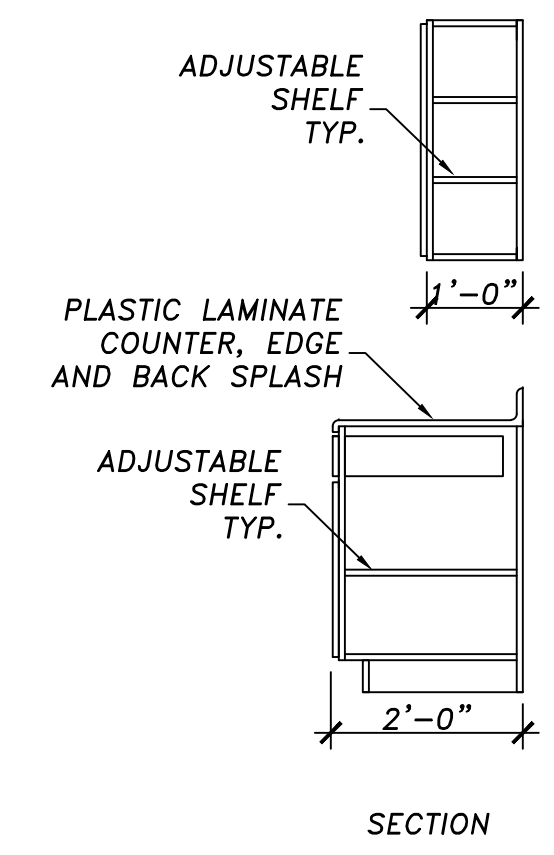
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A2.1 SCALE 1/2" = 1'-0"



4
A2.1 SCALE 1/2" = 1'-0"



5
A2.1 SCALE 1/2" = 1'-0"



REVISIONS

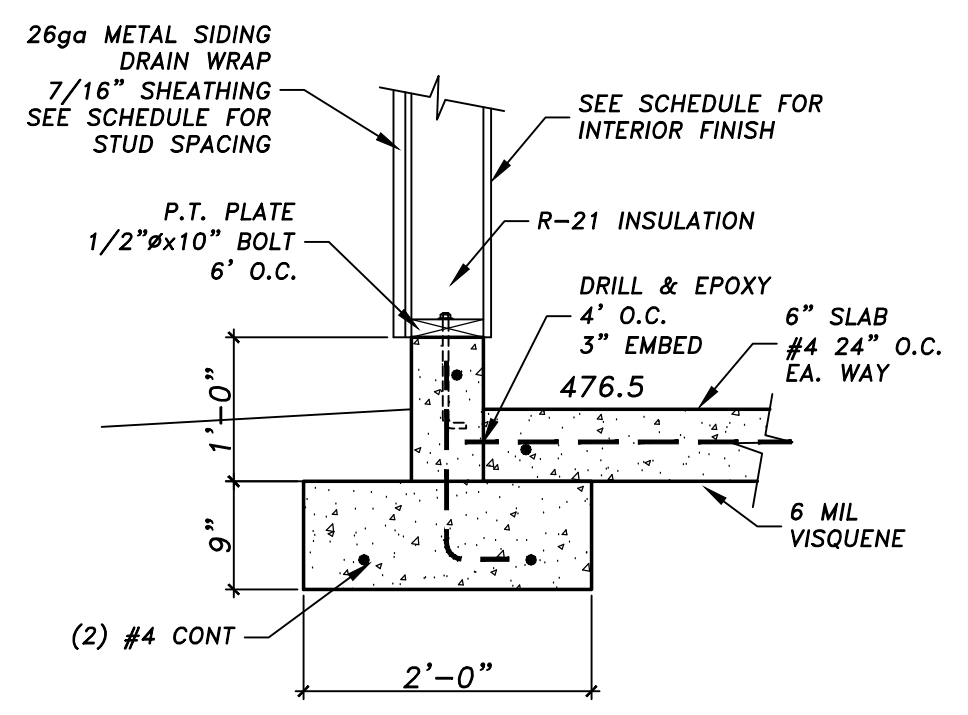
STRUCTURAL REGISTERED PROFESSIONAL ENGINEER
15,651
Thomas J. Rogers
OREGON
OCT 17, 1991
THOMAS J. ROGERS
EXPIRES: 12-31-24

ROGERS ENGINEERING
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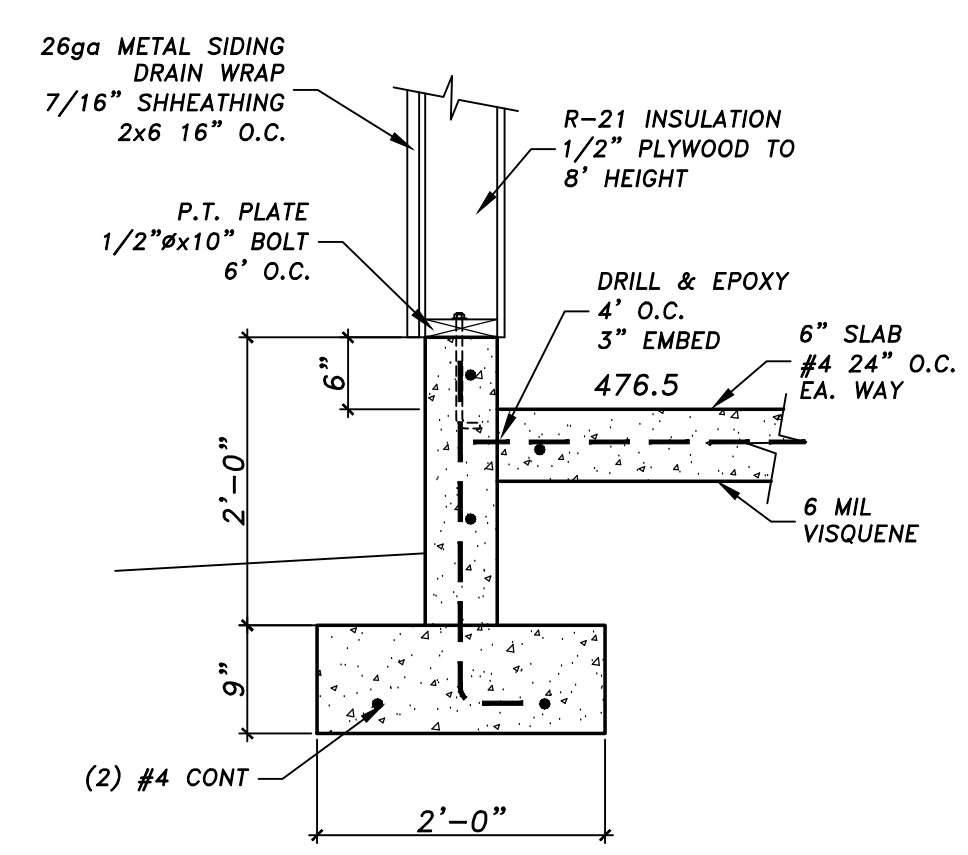
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3485 W. GOEDEK AVE. ROSEBURG, OR 97471
STORAGE BUILDING

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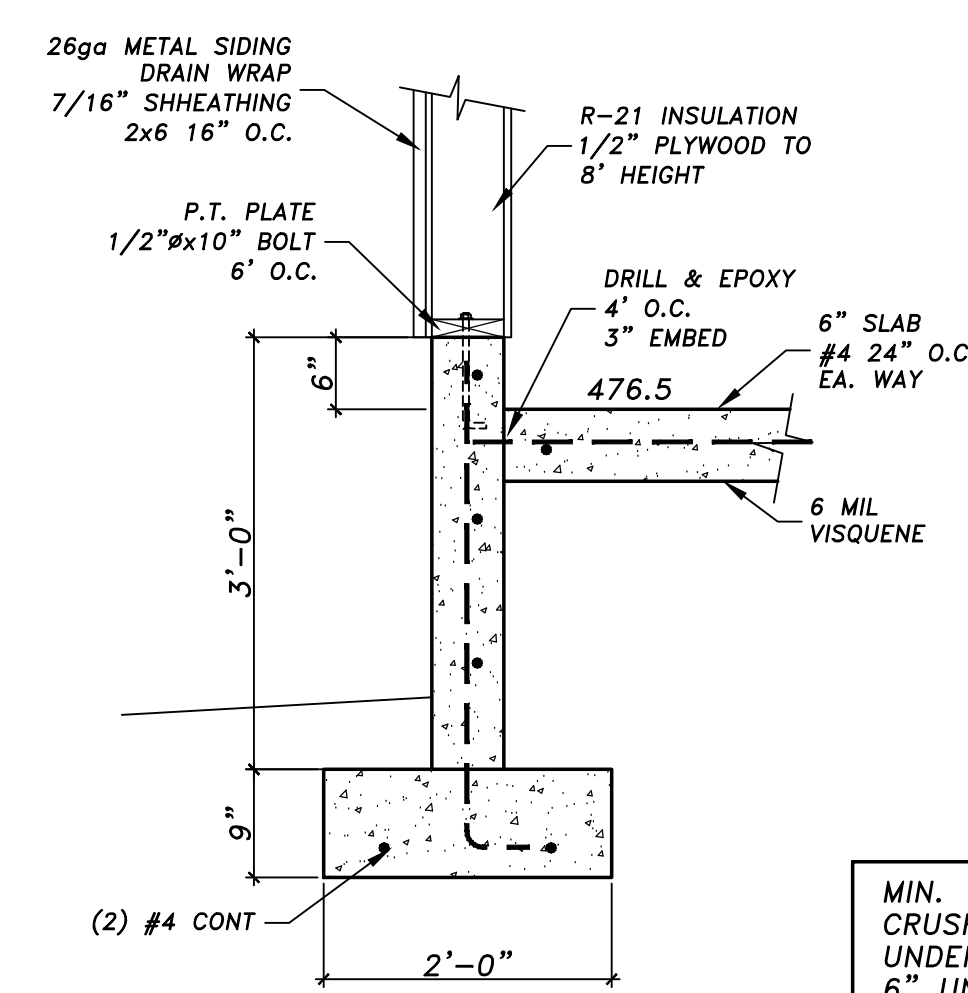
SHEET
A2.1



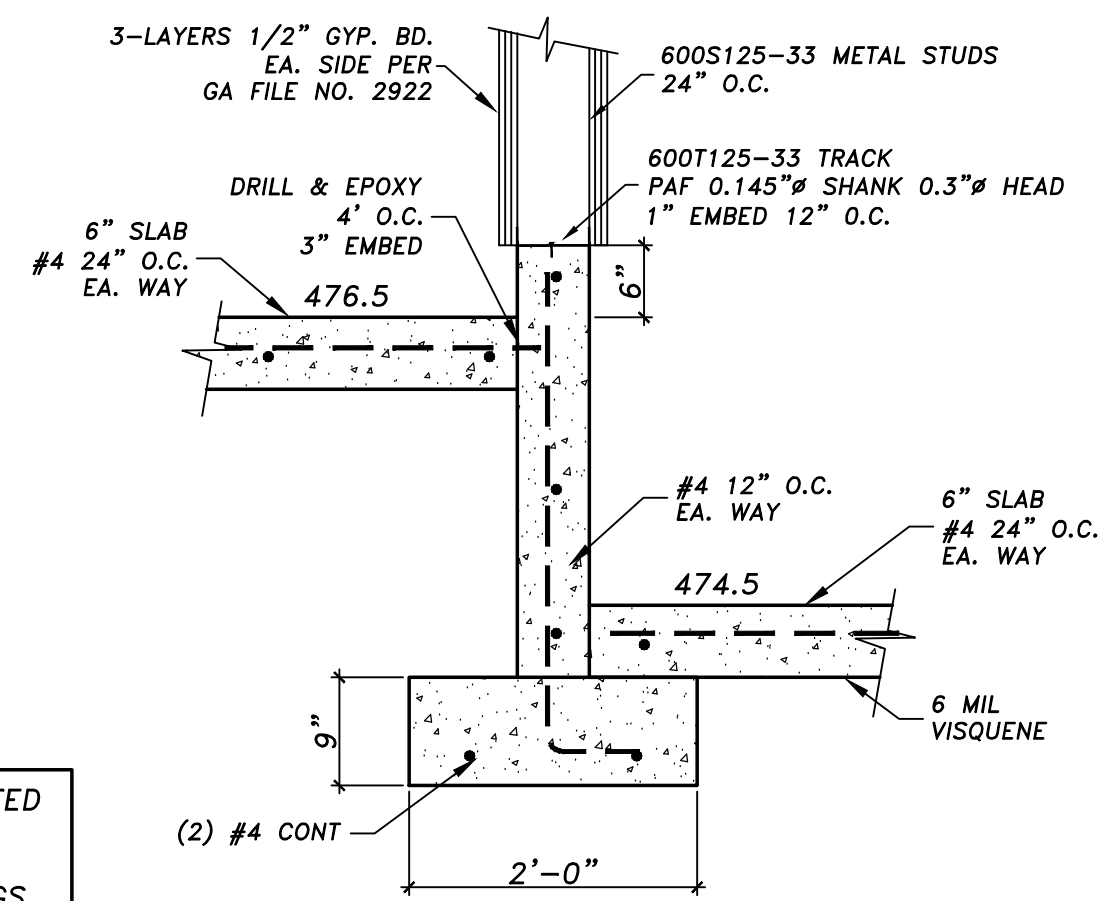
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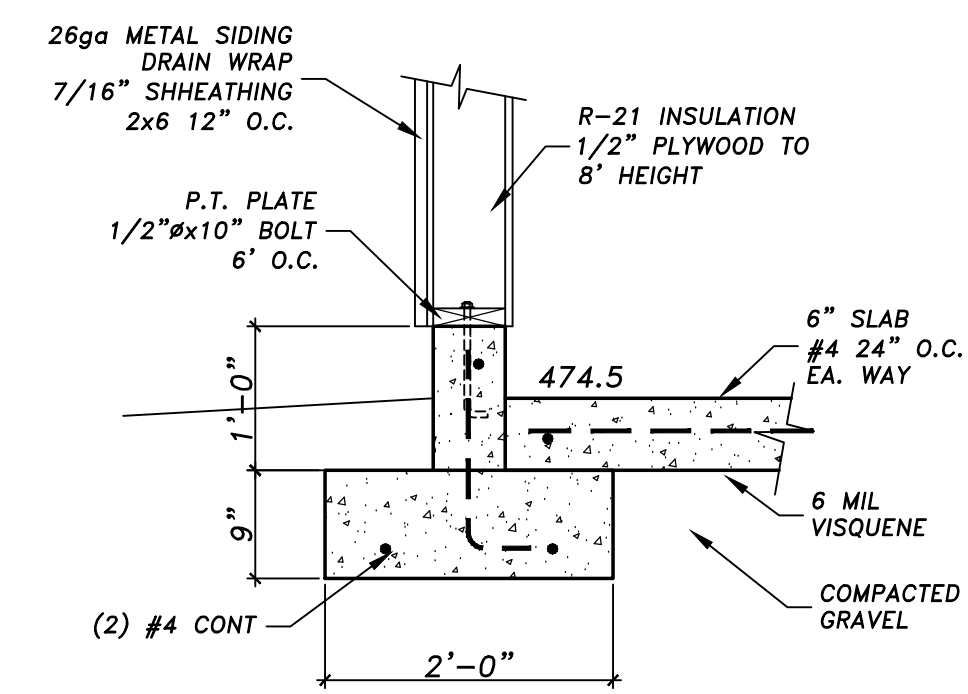
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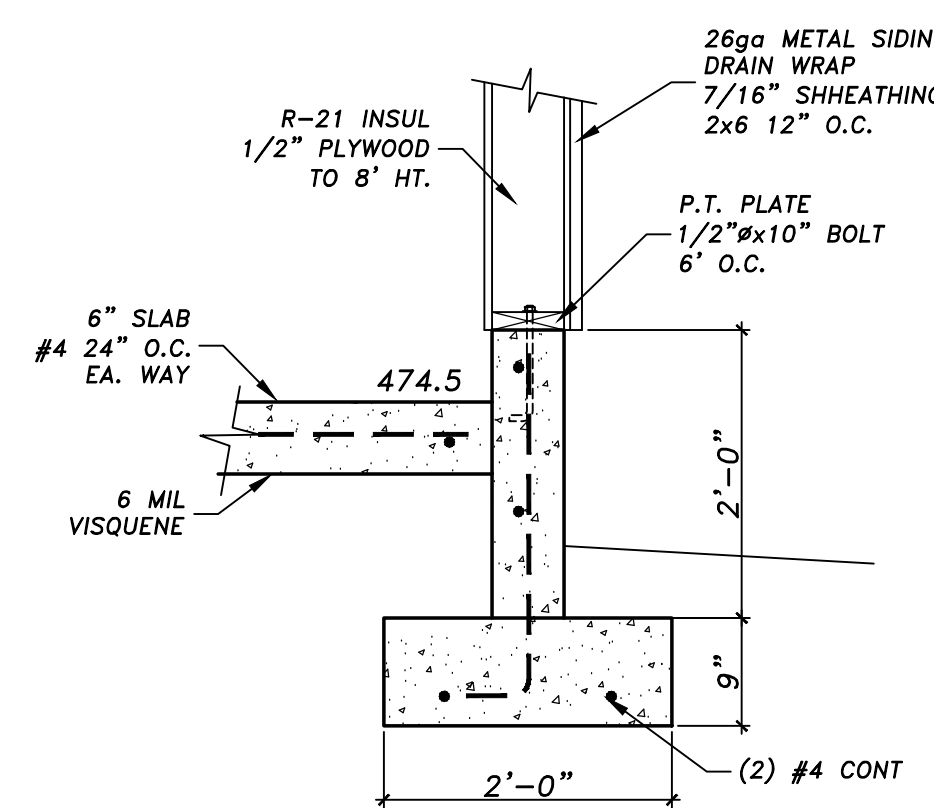


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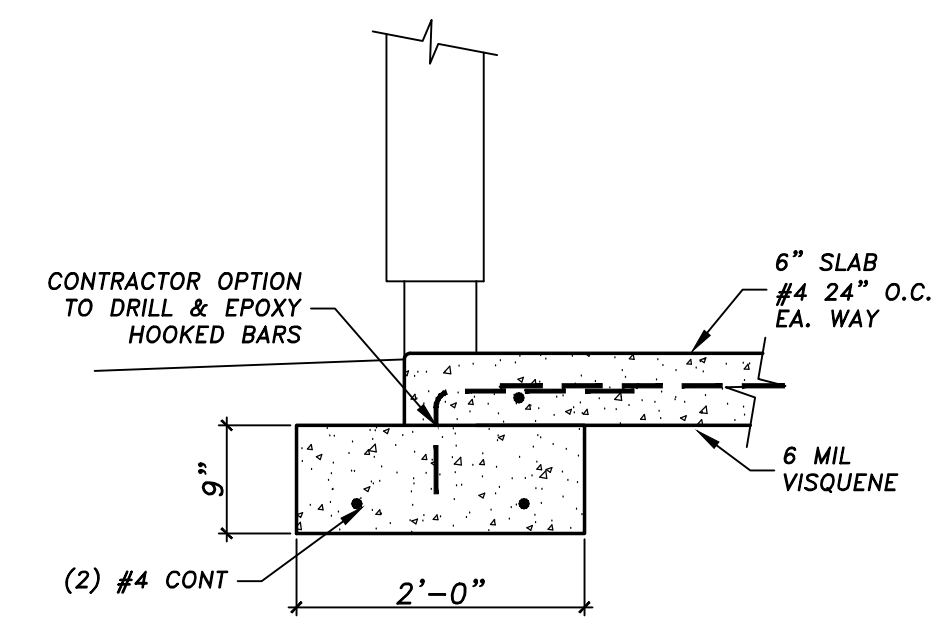


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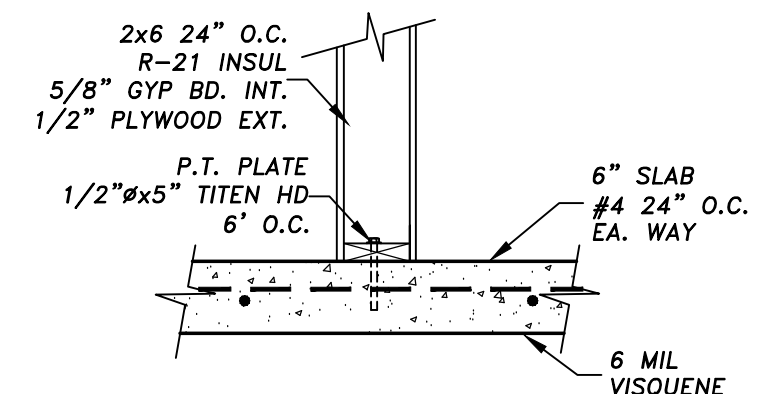
MIN. 12" COMPACTED CRUSHED GRAVEL UNDER SLAB 6" UNDER FOOTINGS



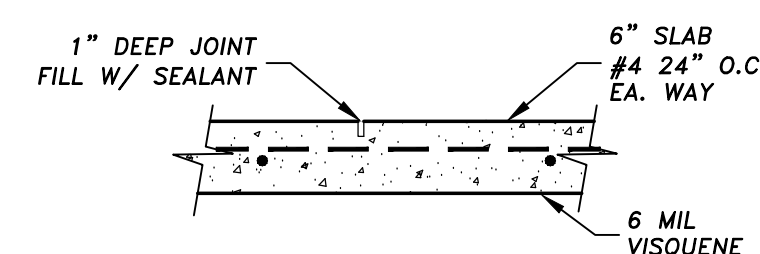
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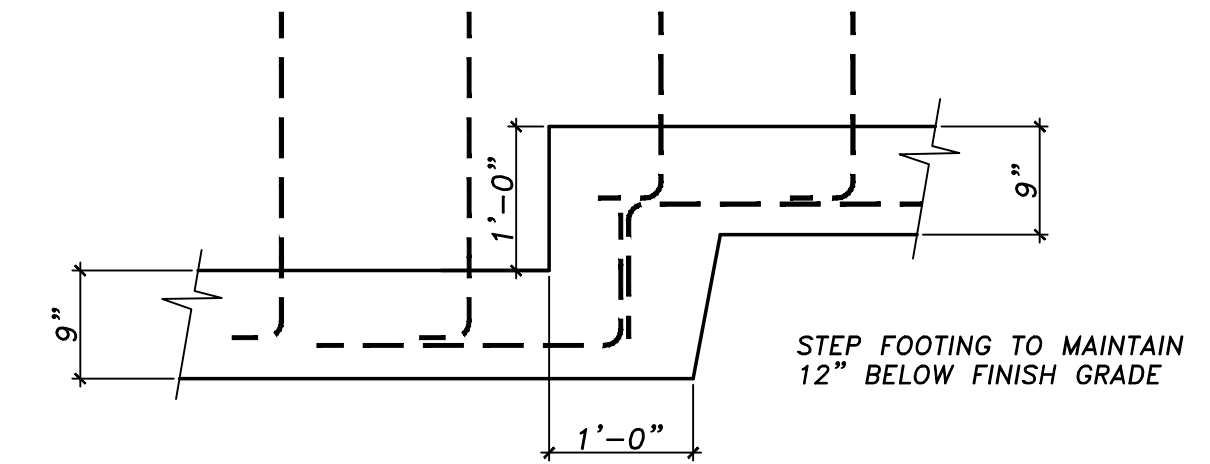
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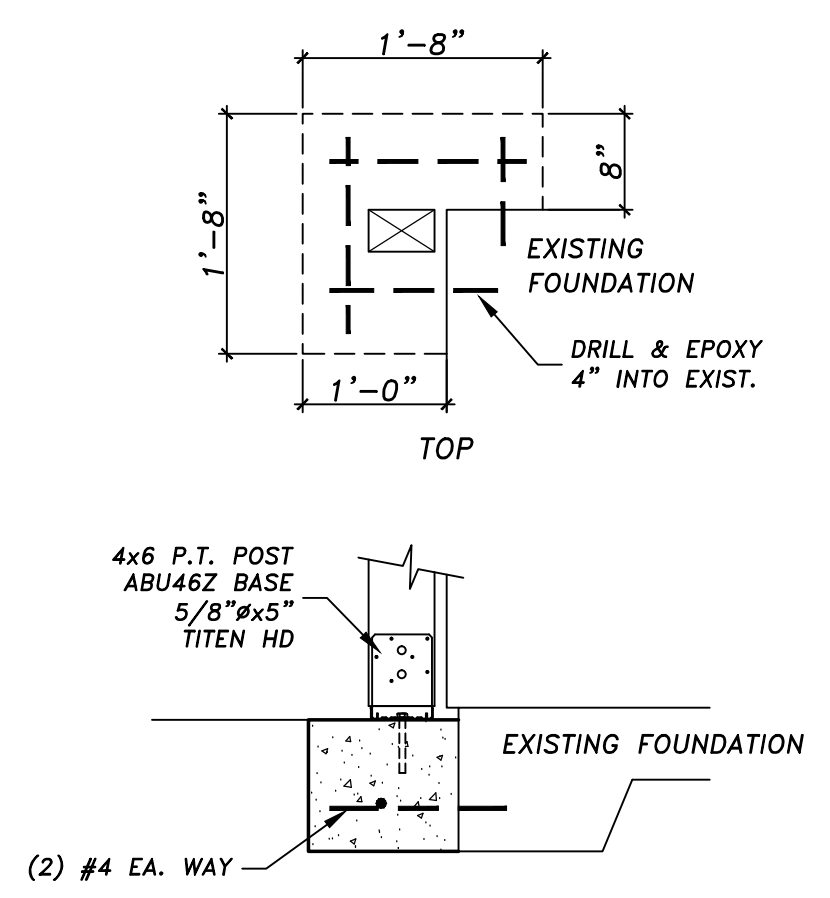
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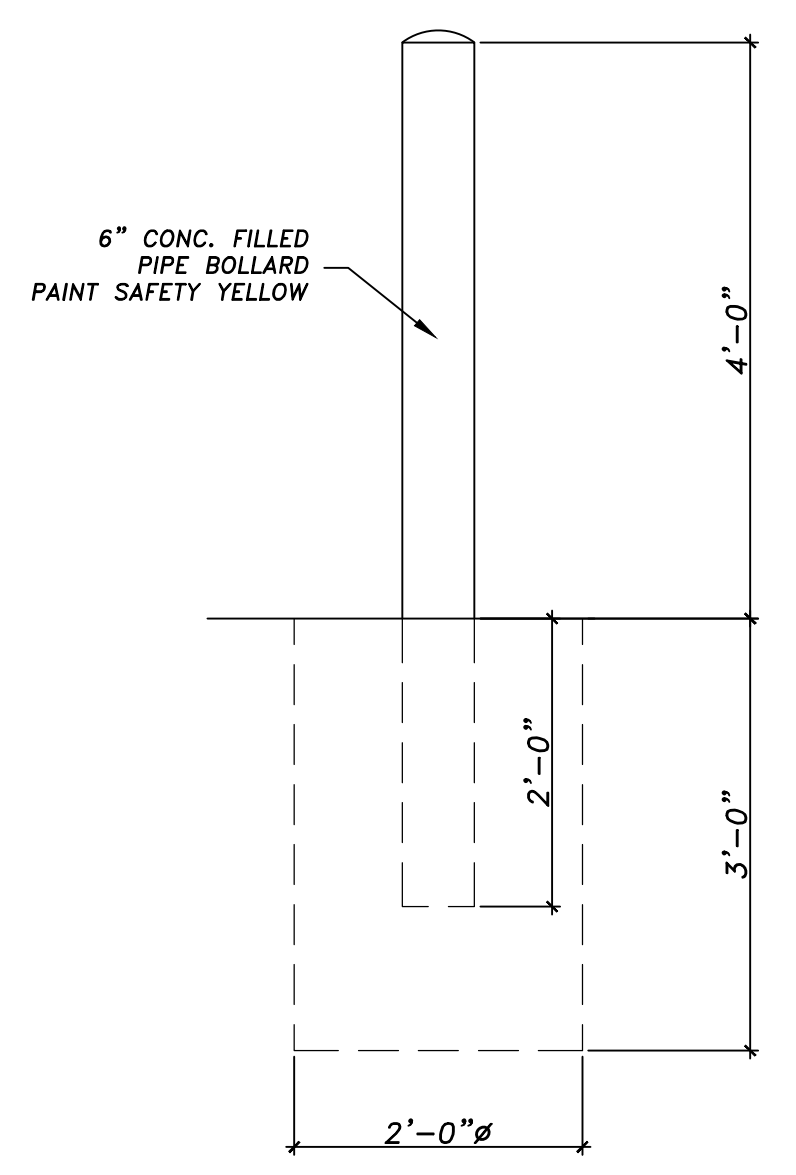
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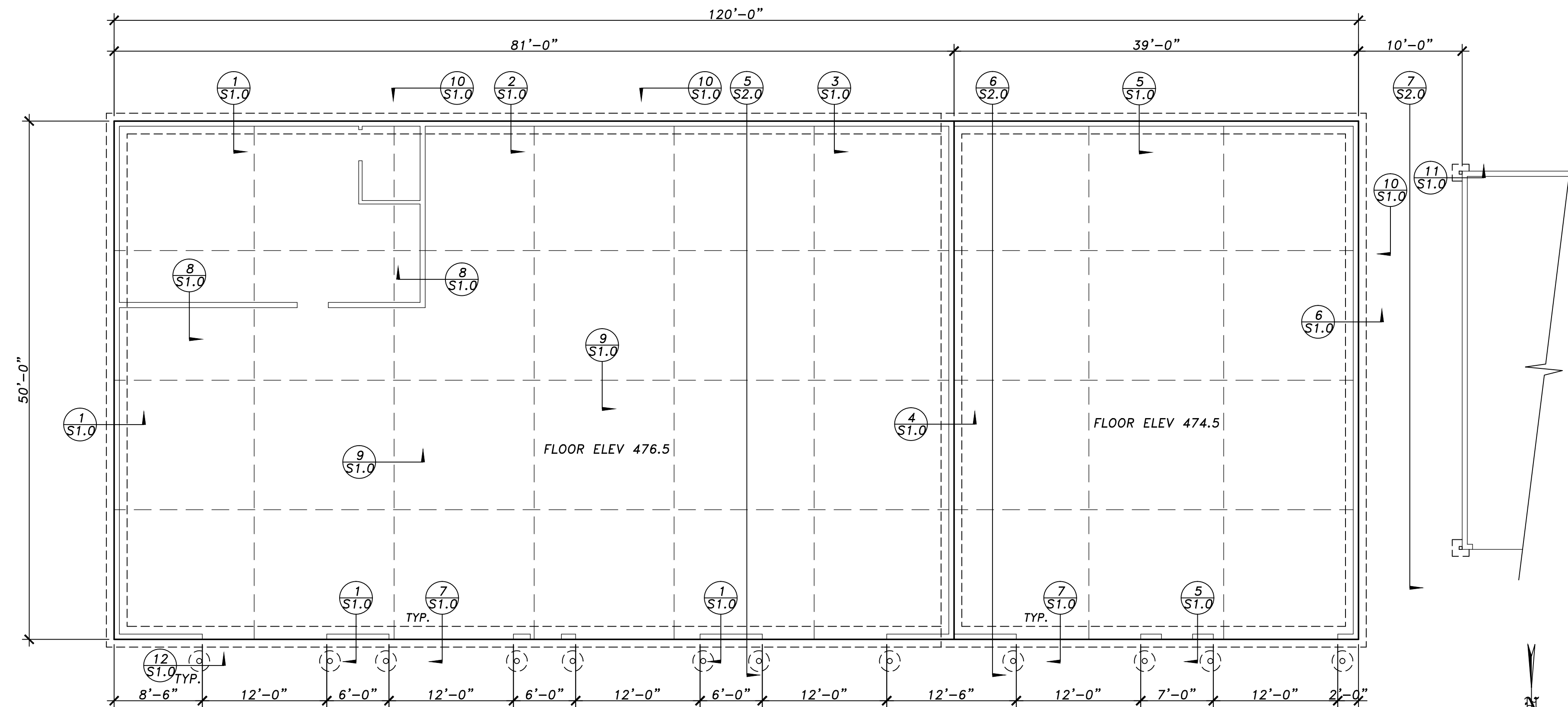
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S1.0 SCALE 3/4" = 1'-0"



11
S1.0 SCALE 3/4" = 1'-0"



12
S1.0 SCALE 3/4" = 1'-0"



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

REVISIONS

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EXPIRES: 12-31-24

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SHEET
S1.0

NO.	REVISIONS



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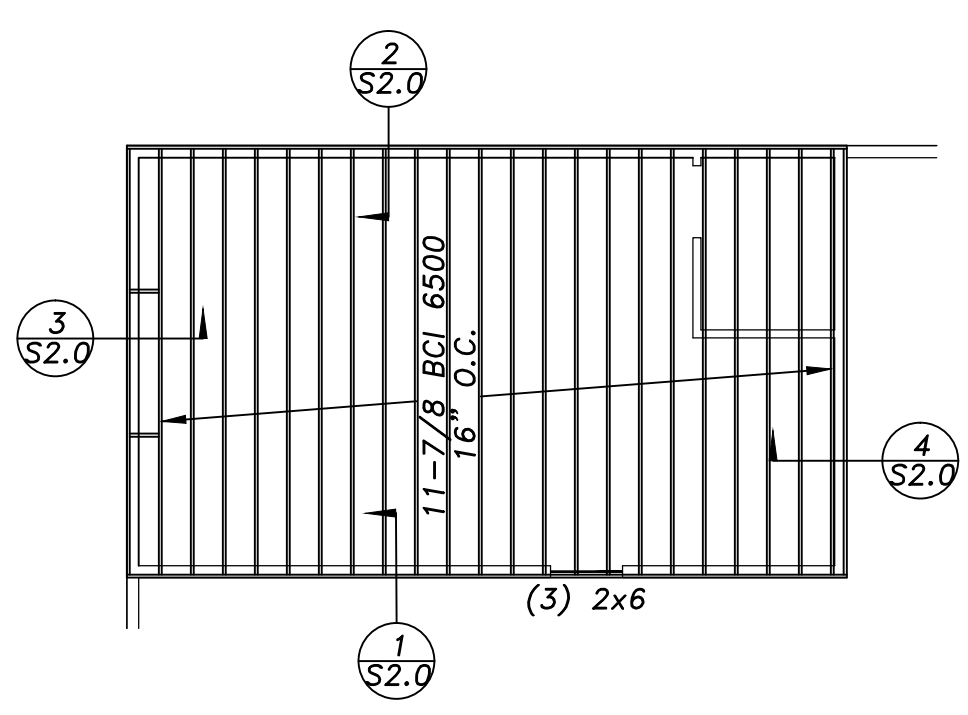
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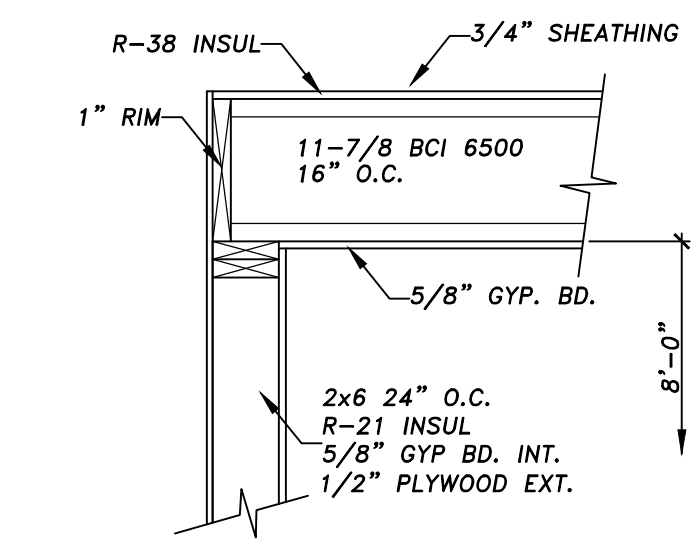
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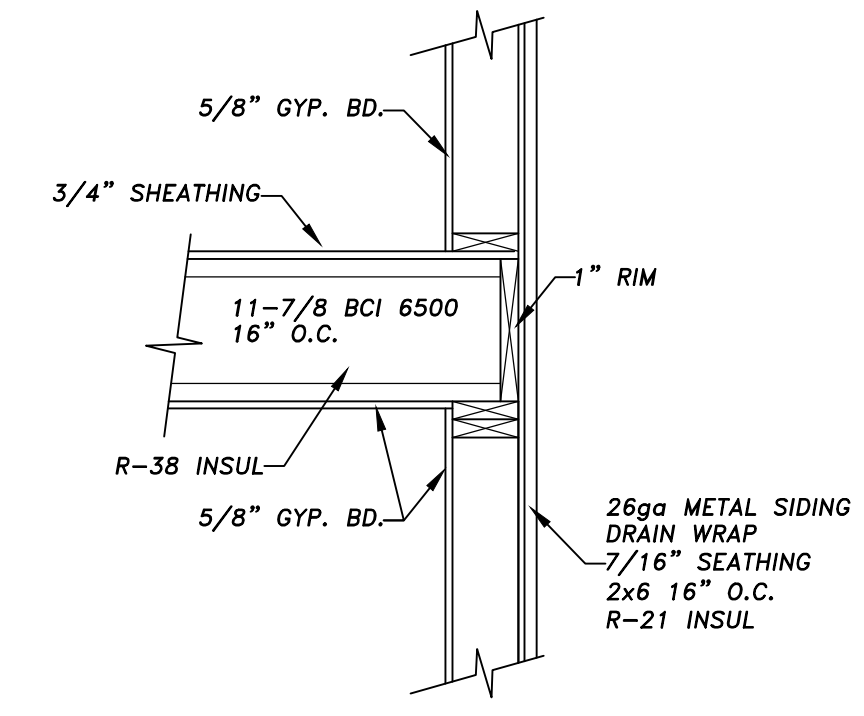
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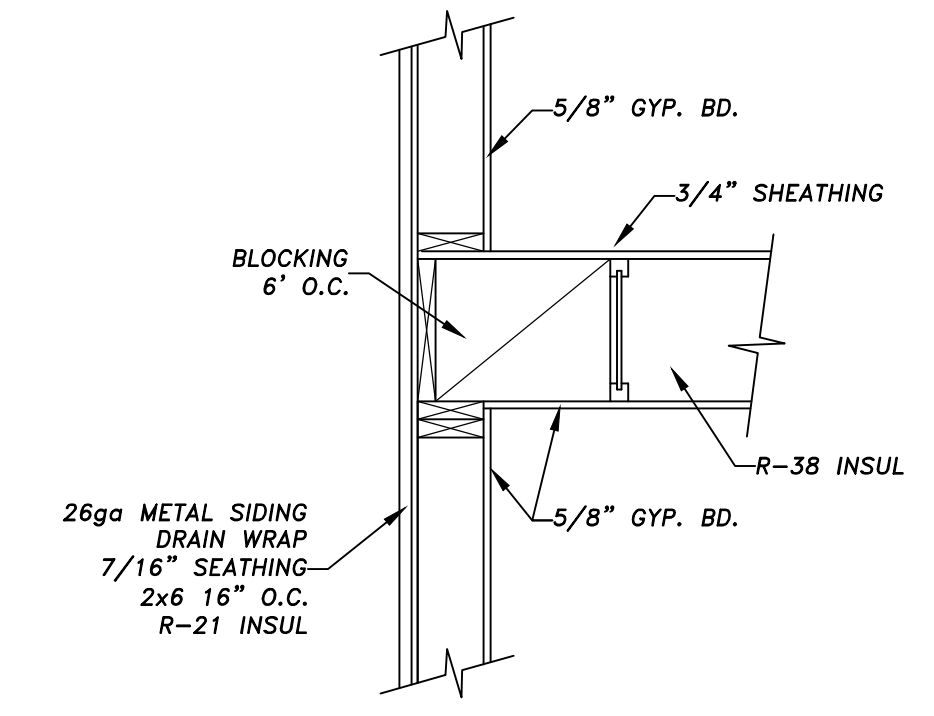
OFFICE CEILING
 SCALE: 1/8" = 1'-0"



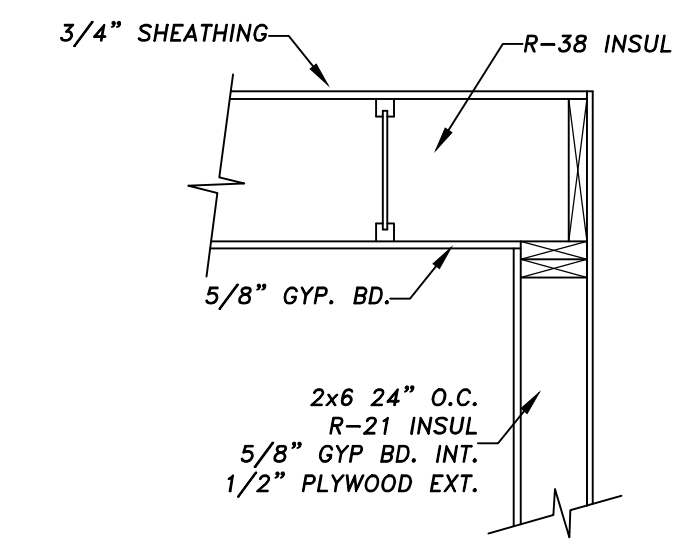
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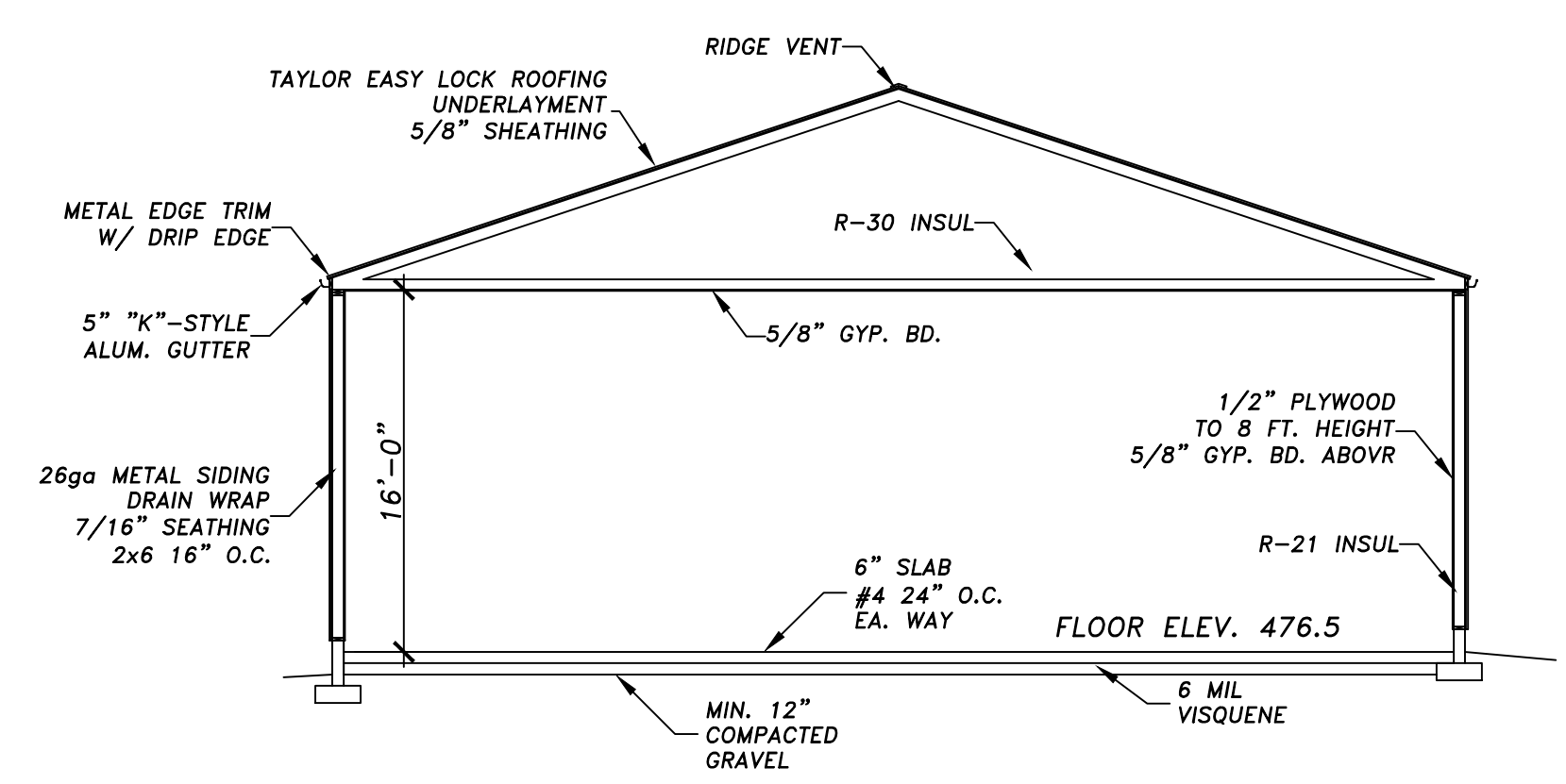
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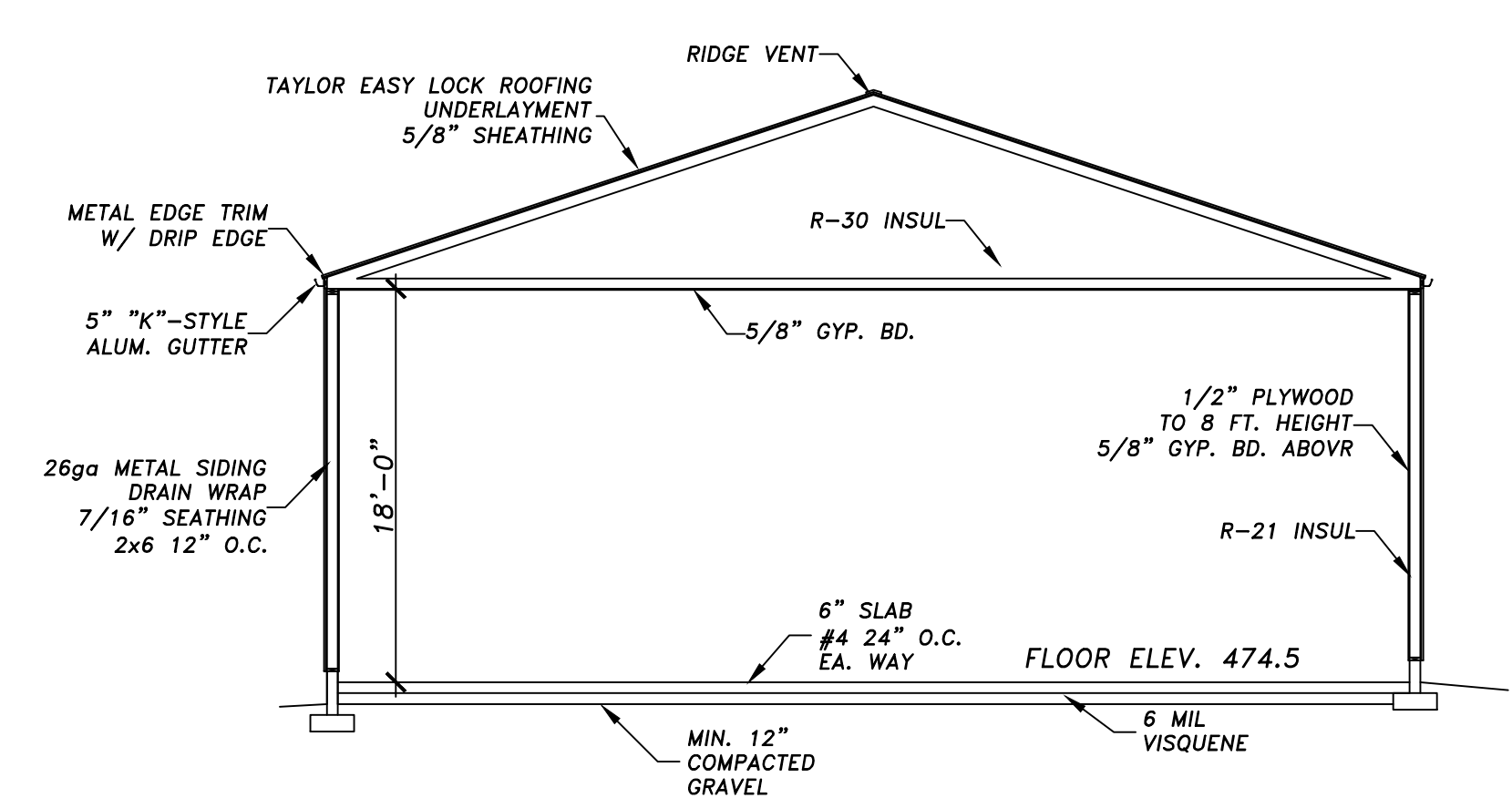
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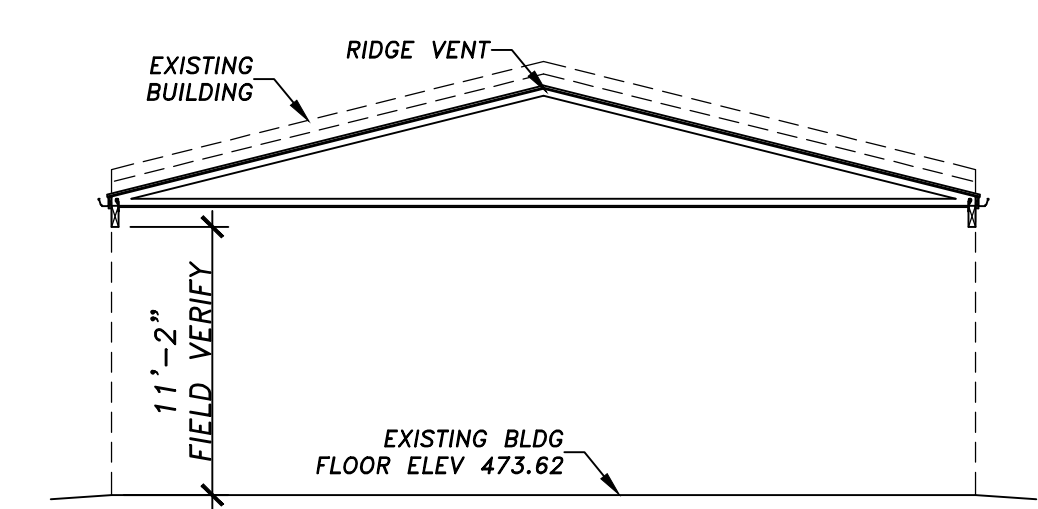
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5
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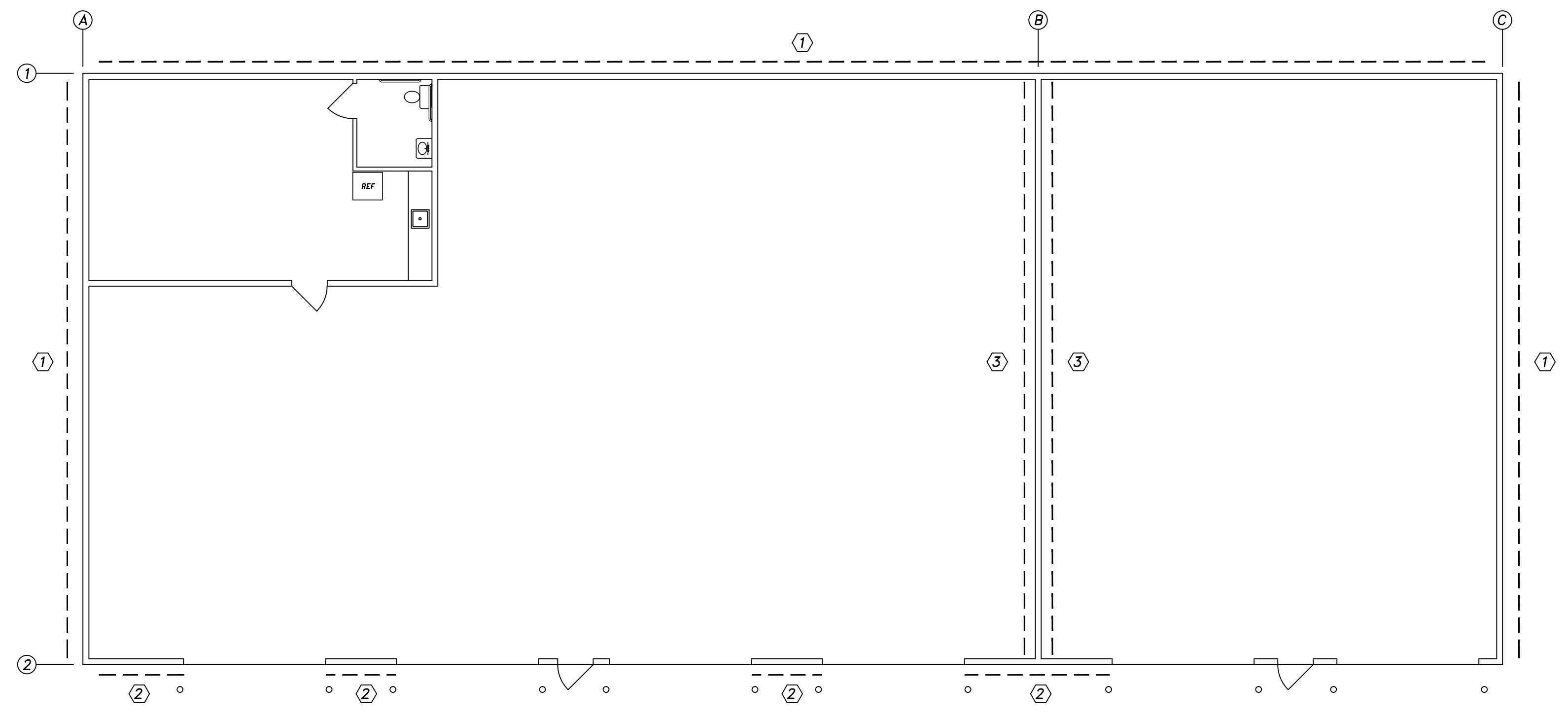


6
 S2.0 SCALE 1/4" = 1'-0"



7
 S2.0 SCALE 1/4" = 1'-0"

SHEAR WALL SCHEDULE			
NO.	CONSTRUCTION		
1	7/16" SHEATHING	8d 6" O.C. EDGES 8d 12" O.C. FIELD	UNBLOCKED
2	7/16" SHEATHING	8d 6" O.C. EDGES 8d 12" O.C. FIELD	BLOCKED
3	1/2" GYP. BD. FIRST LAYER	1" TYPE S SCREWS 7" O.C. FIELD & EDGE	BLOCKED

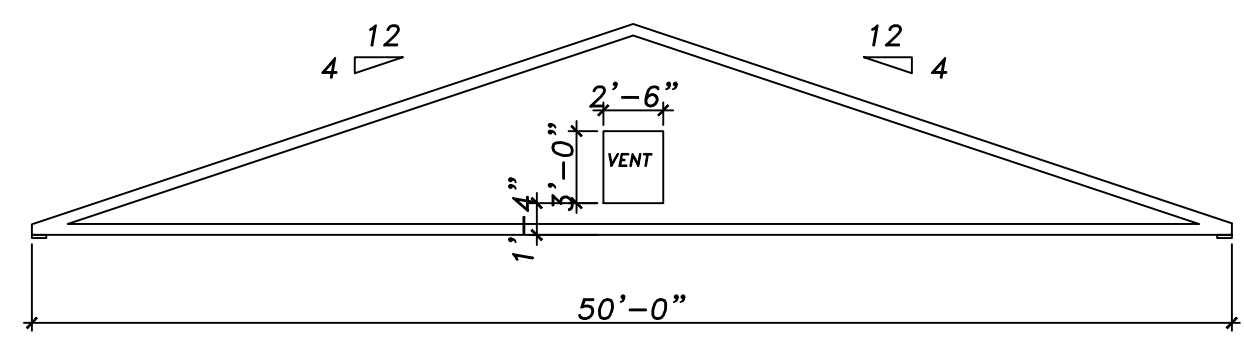


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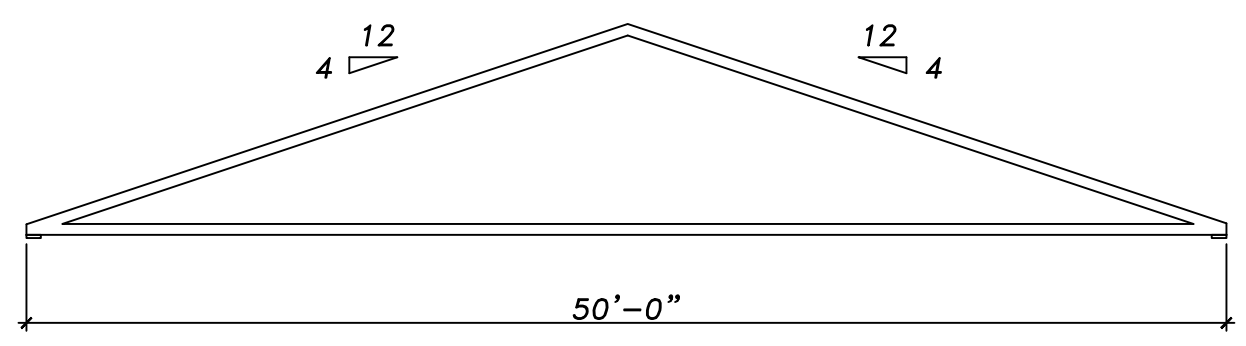
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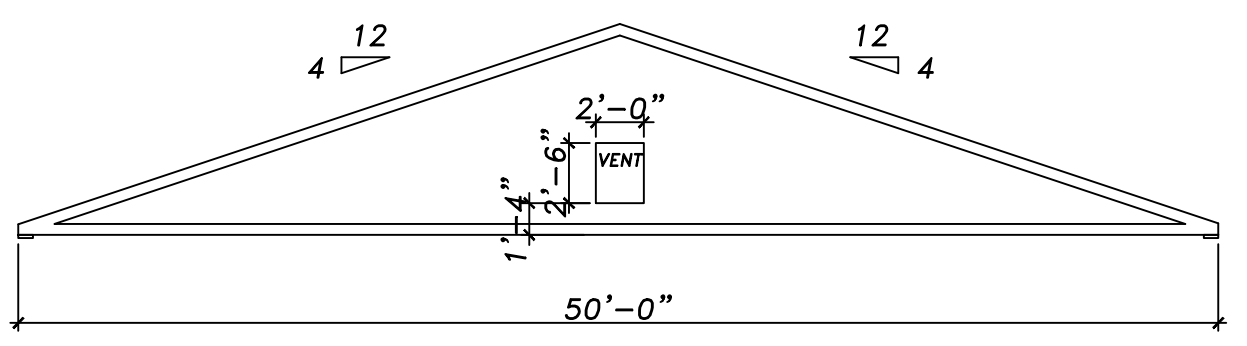
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S3.0



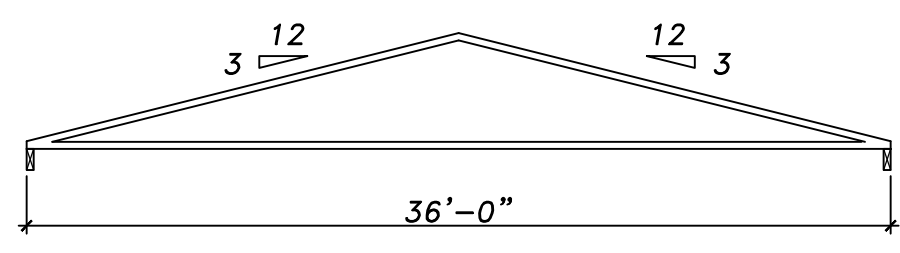
GABLE TRUSS A
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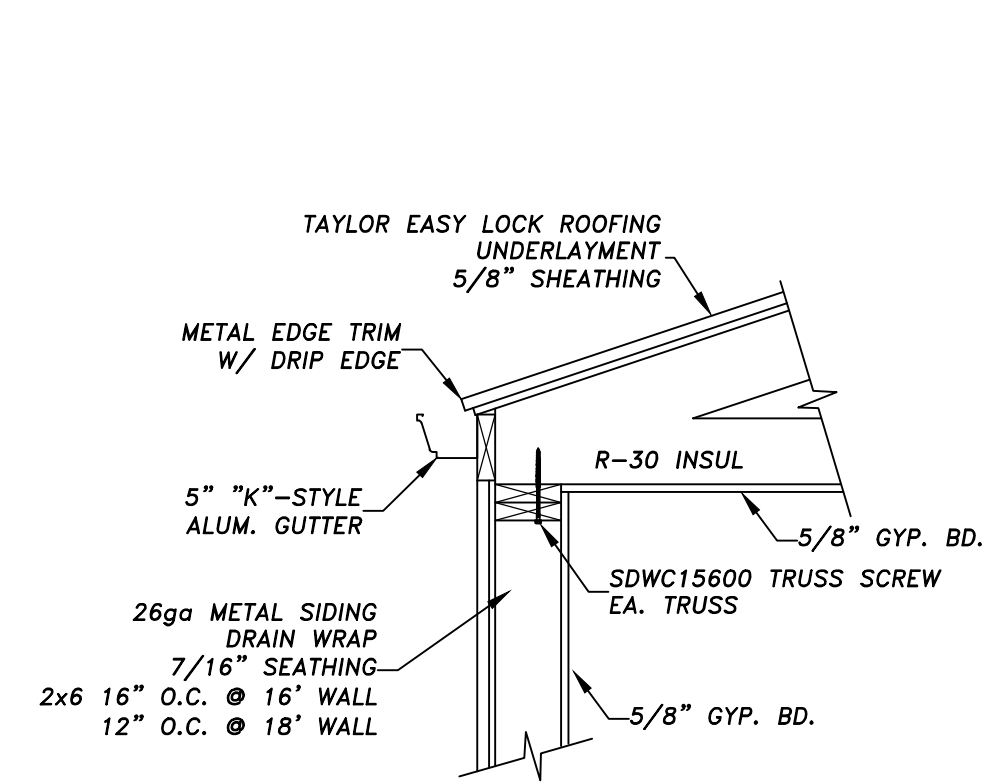
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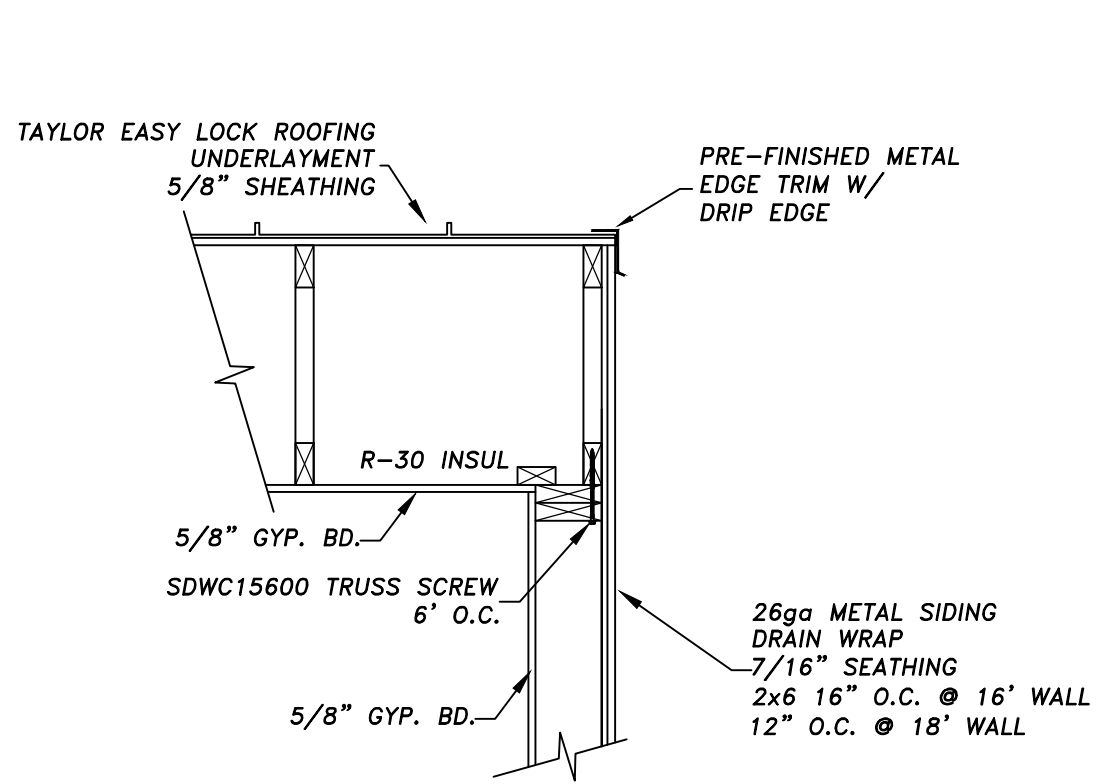
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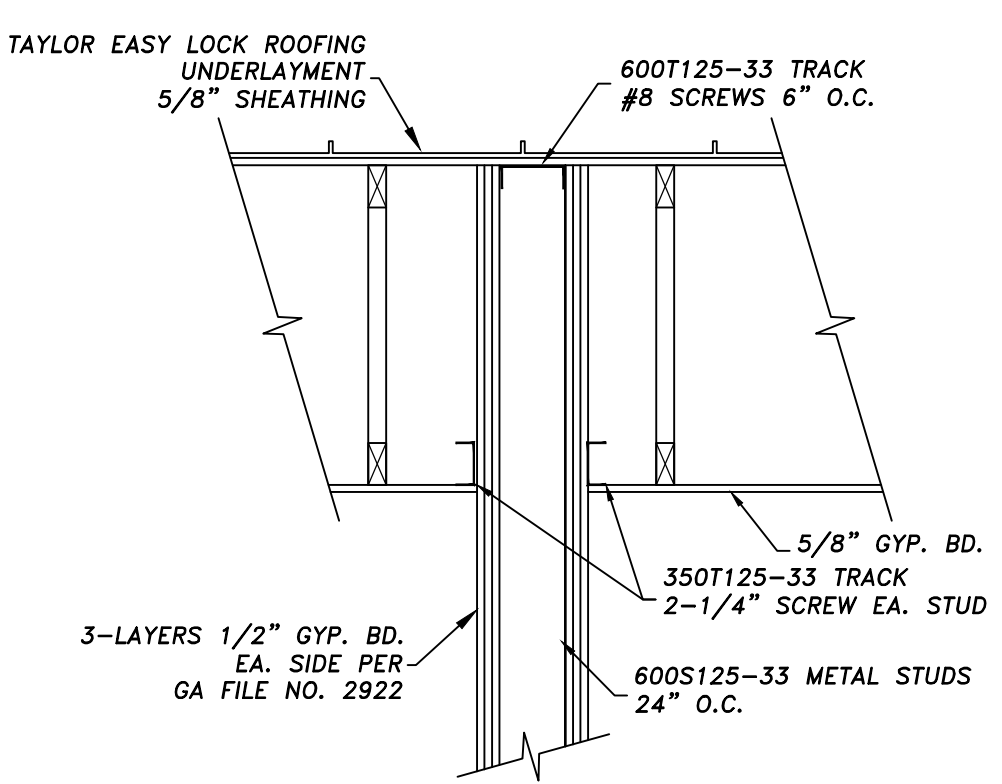
TRUSS D
 SCALE: 1/8" = 1'-0"



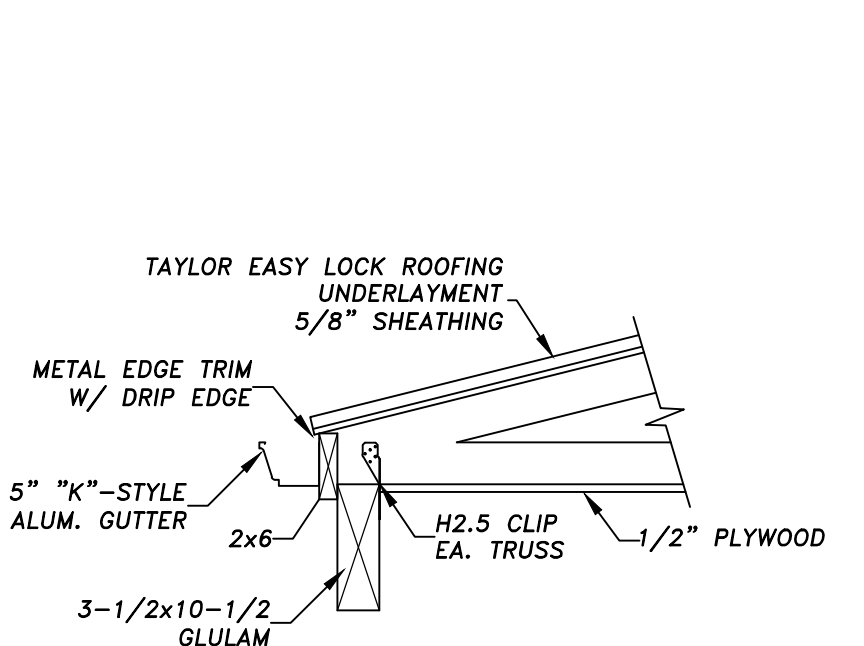
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 S3.0 SCALE 3/4" = 1'-0"



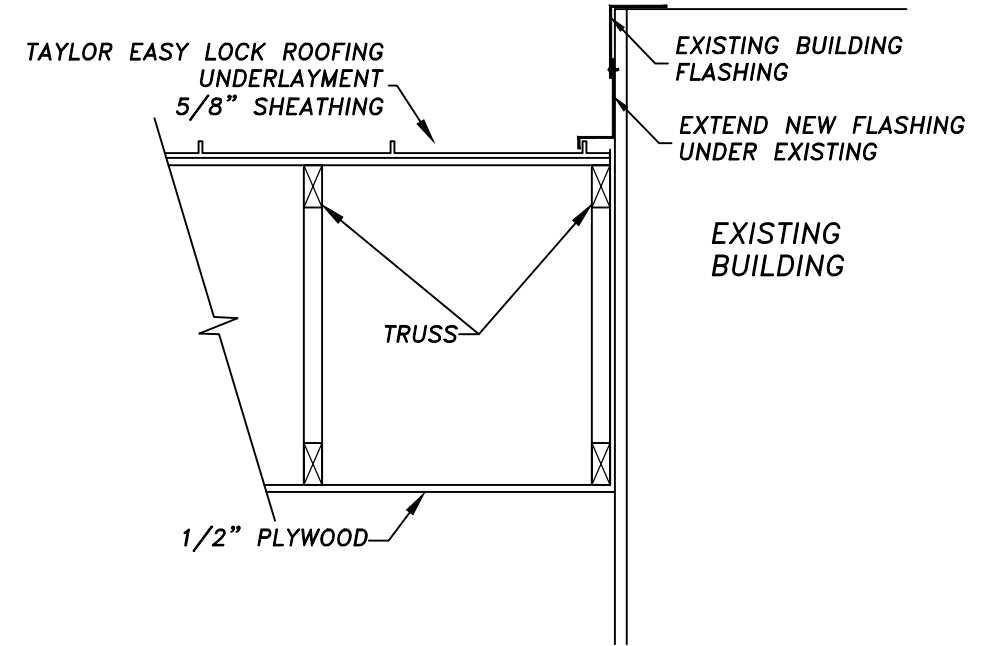
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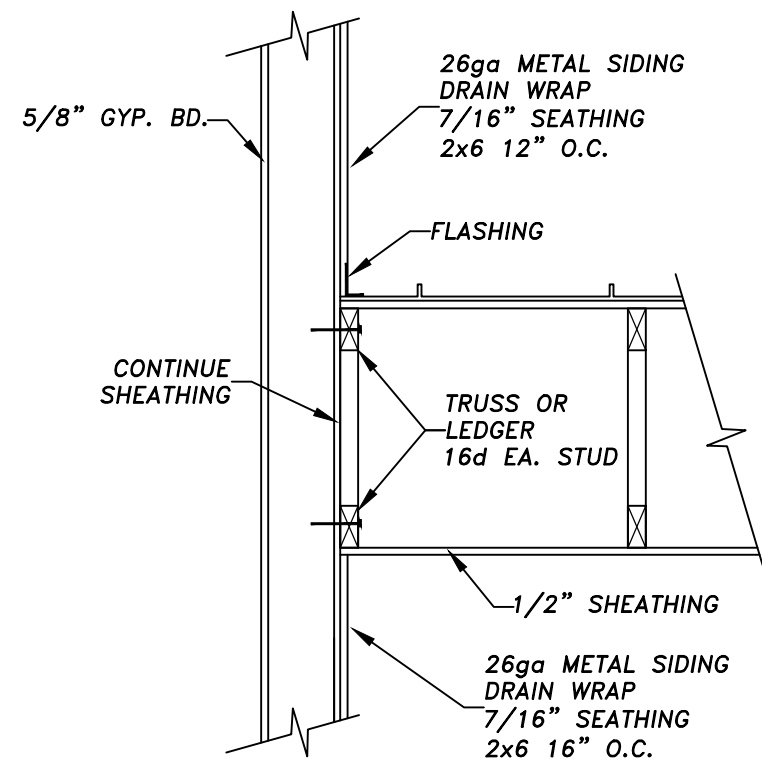
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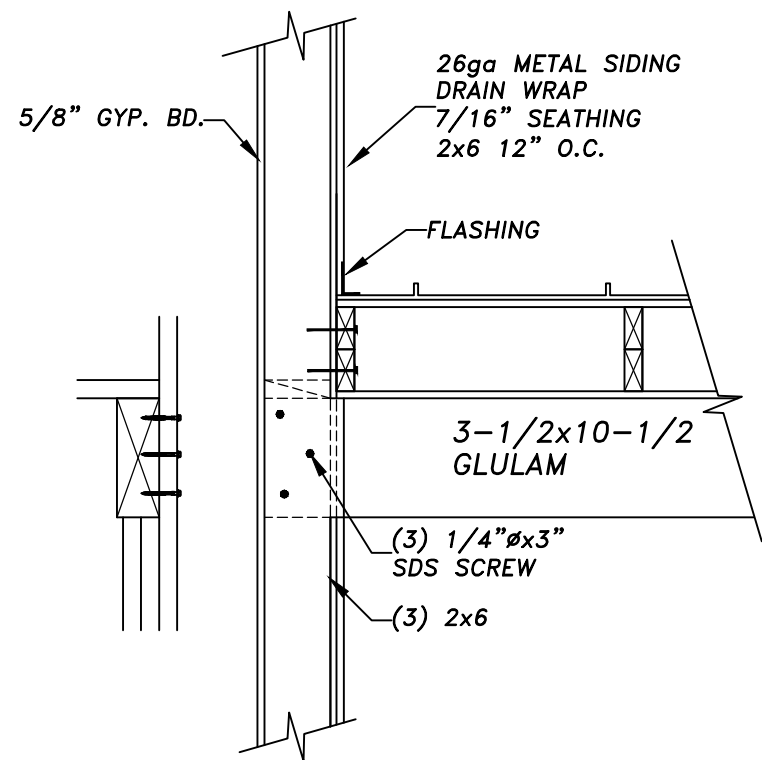
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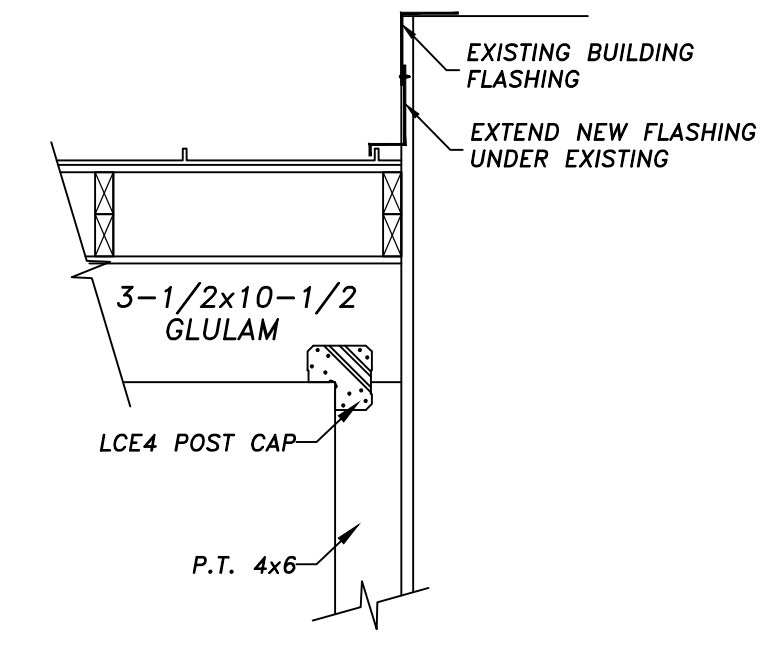
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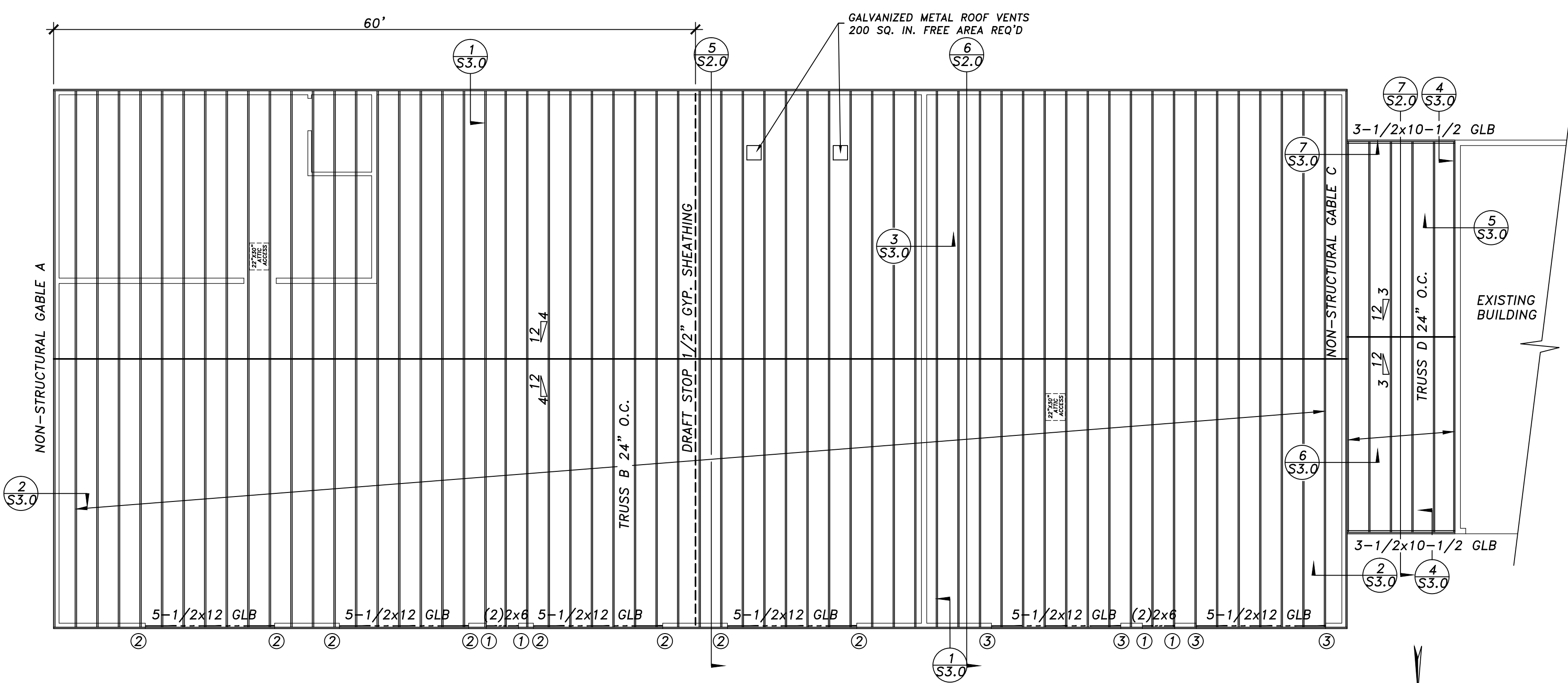
6
 S3.0 SCALE 3/4" = 1'-0"



7
 S3.0 SCALE 3/4" = 1'-0"



8
 S3.0 SCALE 3/4" = 1'-0"



MARK	STUD	TRIMMER	KING
①	2x6	1	1
②	2x6	2	1
③		2	2

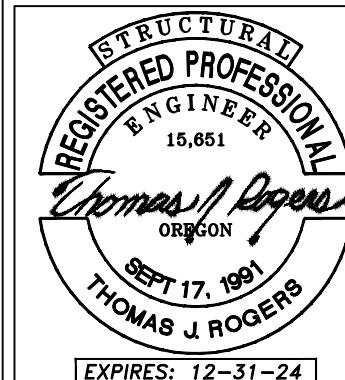
ROOF FRAMING
 SCALE: 1/8" = 1'-0"

MECHANICAL EQUIPMENT SCHEDULE						
MARK	FIXTURE	MANUFACTURER	MODEL	HEATING CAPACITY	COOLING CAPACITY	REMARKS
HP1	HEAT PUMP OUTDOOR UNIT	DAIKIN	RXB12AXVJU	11,300 Btu/h	11,000 Btu/h	WALL MOUNT
HP1A	HEAT PUMP INDOOR UNIT	DAIKIN	FTXB12AXVJU			WALL MOUNT
EF1	CEILING EXHAUST FAN	GREENHECK	SP-A90	NA	NA	
ERV1	ENERGY RECOVERY VENTILATOR	BROAN	B160E65RS	NA	NA	20,40,60 CONTROL
L1	STATIONARY BLADE LOUVER	ACP	DFL	NA	NA	MIN. 3.6 SQ. FT. FREE VENT AREA
L2	STATIONARY BLADE LOUVER	ACP	DFL	NA	NA	MIN. 2.1 SQ. FT. FREE VENT AREA

VENTILATION SCHEDULE						
OCCUPANCY	AREA	4% AREA	EXT. OPN'G	NAT. VENTILATION	MECH. VENTILATION	NOTES
BREAK ROOM 100	441 SQ. FT.	-	-	-		(1)
RESTROOM 101	-	-	-	-	70 CFM EXHAUST	
PARKING 102	3404 SQ. FT.	136 SQ. FT.	693 SQ. FT.	100%		(2)
PARKING 103	1887 SQ. FT.	76 SQ. FT.	405 SQ. FT.	100%		(2)

- MECHANICAL NOTES**
- DRAWING SHOWS MINIMUM REQUIREMENTS THAT MUST BE INCLUDED. CONTRACTOR SHALL FURNISH AND INSTALL THE COMPONENTS SHOWN ON DRAWINGS AS WELL AS ALL COMPONENTS AND MATERIALS REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONAL HVAC SYSTEM FOR THE EXISTING ROOMS AND NEW ADDITION.
 - CONTRACTOR IS RESPONSIBLE FOR APPLYING FOR AND OBTAINING ALL REQUIRED MECHANICAL PERMITS.
 - COORDINATE ELECTRICAL REQUIREMENTS WITH ELECTRICIAN.
 - EXTERIOR EXHAUSTS FOR RESTROOM SHALL BE PROVIDED WITH ATMOSPHERIC BACK DRAFT DAMPERS AND SCREENS. EXTERIOR VENTS SHALL BE STAINLESS STEEL, SEALED WEATHER TIGHT AND SHALL PREVENT ENTRY OF WIND DRIVEN MOISTURE.
 - CONDENSATE LINES FOR INTERIOR HEAT PUMP UNITS SHALL EXIT BUILDING AS APPROVED BY THE PROJECT MANAGER.
 - MOUNT NEW EXTERIOR HEAT PUMP UNITS WITH WALL BRACKETS. PROVIDE MINIMUM REQUIRED CLEARANCES.

- OMSC TABLE 403.3.1.1
 OCCUPANT DENSITY 50/1000 = 22
 PEOPLE OUTDOOR AIRFLOW RATE 5 CFM * 22 = 110 CFM
 AREA OUTDOOR AIRFLOW RATE 0.06 CFM * 441 SQ. FT. = 27 CFM
 VENTILATION REQUIRED 137 CFM
- OMSC SEC. 502.14 EXCEPTION 3: MECHANICAL VENTILATION NOT REQUIRED WHERE ENGINES ARE OPERATED INSIDE THE BUILDING ONLY FOR THE DURATION NECESSARY TO MOVE THE MOTOR VEHICLES IN AND OUT OF THE BUILDING

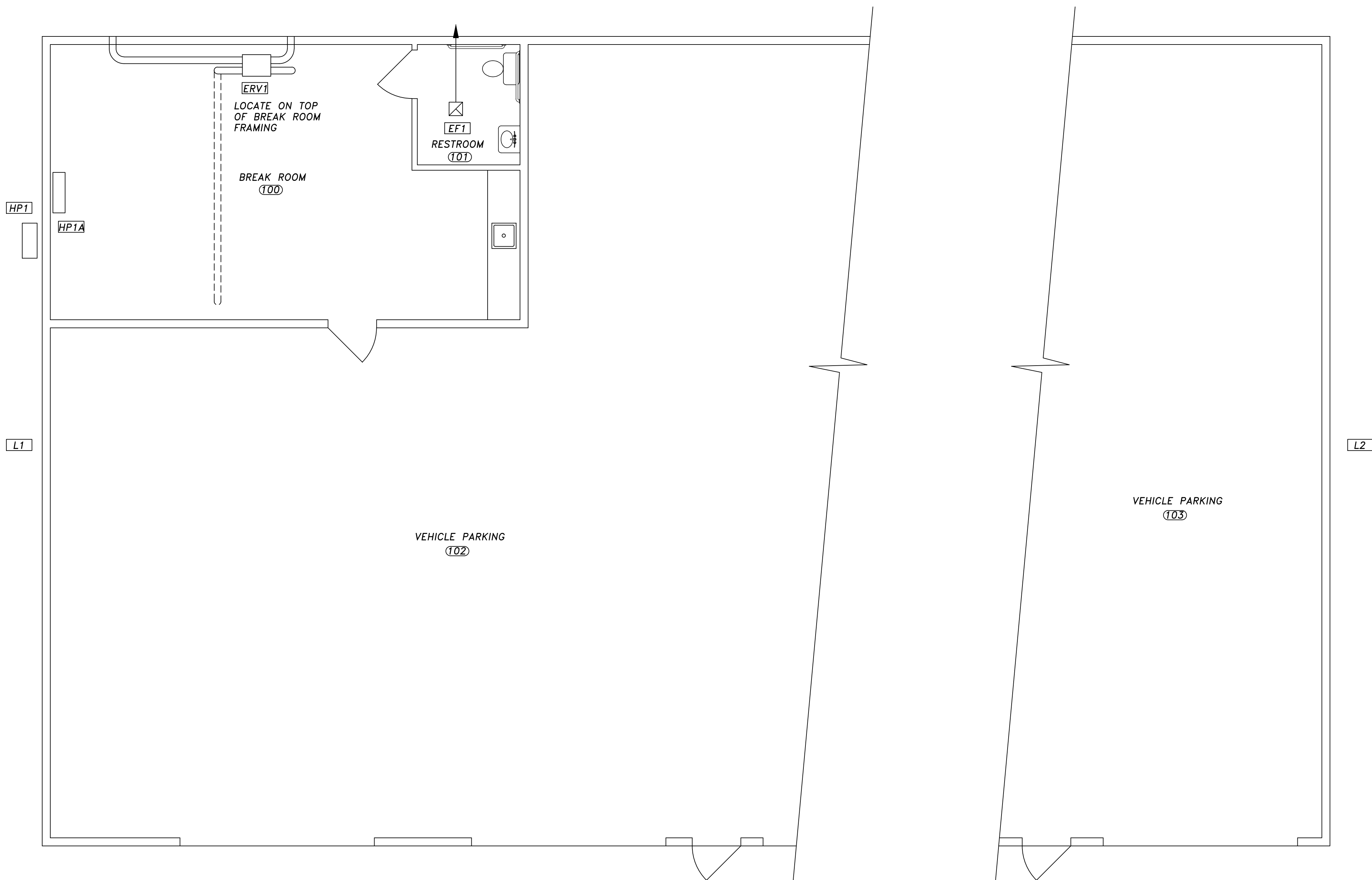


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 WRF VEHICLE AND EQUIPMENT STORAGE BUILDING

DRAWN : T.R.
 CHECKED : T.R.
 DATE : MAY 2024
 SCALE : AS NOTED
 JOB NO. : 23-057

SHEET
M1.0



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



ELECTRICAL SYMBOL SCHEDULE

SYMBOLS	DESCRIPTION	NOTES
	METER, TYPE AS NOTED	
	GROUND	
	NEUTRAL BUS	
	MOTOR	
	OVERHEAD DOOR OPENER	
	EQUIPMENT NUMBER (SEE EQUIPMENT SCHEDULE)	
	NON-RIGID DISCONNECT SWITCH	
	RIGID DISCONNECT SWITCH (RUBES SIZED PER EQUIPMENT MANUFACTURERS RECOMMENDATIONS UNO)	
	BRANCH CIRCUIT PANELBOARD	
	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 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	
	L-139	
	JUNCTION BOX - 4" SQUARE UNLESS OTHERWISE NOTED	

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" - 48"
	DOUBLE DUPLEX CONVENIENCE OUTLET	+ 18"

SYMBOLS	RECEPTACLES	NOTES
	DATA: 2 CABLE DROPS	+ 18"

SYMBOLS	LIGHT FIXTURES	NOTES
	WHEN ADDED TO LIGHT FIXTURE SYMBOL, INDICATES WALL OR BRACKET MOUNTED LIGHT FIXTURE	
	WALL MOUNTED LIGHT	
	WALL MOUNTED FLOOD LIGHT	
	FLUORESCENT LIGHT FIXTURE	
	FLUORESCENT STRIP LIGHT FIXTURE	
	SINGLE FACE EXIT SIGN WITH NUMBER OF DIRECTIONAL ARROWS AS SHOWN - CEILING MOUNTED - SOLID QUADRANT INDICATES FACE	
	SINGLE POLE LIGHT SWITCH	+ 46"
	THREE WAY LIGHT SWITCH	+ 46"
	MOTOR RATED SWITCH	+ 46"
	OCCUPANCY SENSOR - CEILING MOUNTED	
	PHOTOELECTRIC SWITCH	

SYMBOLS	FIRE ALARM	NOTES
	MANUAL PULL STATION	+ 44"
	COMBINATION VISUAL / AUDIBLE ALARM	+ 80" AFTB
	VISUAL STROBE ALARM	+ 80" AFTB
	PHOTOELECTRIC SMOKE DETECTOR (CEILING MOUNTED UNO)	
	IONIZATION SMOKE DETECTOR (CEILING MOUNTED UNO)	
	MAGNETIC DOOR HOLDER	
	HEAT DETECTOR (CEILING MOUNTED, 18" UNO)	

LIGHT FIXTURE SCHEDULE

NAME	MANUFACTURER	DESCRIPTION
D8	LITHONIA	6" LED RECESSED DOWNLIGHT TYPE: 6" LED RECESSED DOWNLIGHT TRIM: SELF-FLANGED, CLEAR DIFFUSE MOUNTING: RECESSED - VERIFY CEILING TYPE LAMP: LED 3500K, 1000 LUMENS, 12 WATTS
L24	LITHONIA	2' X 4' LED FLAT PANEL TYPE: 2' X 4' LED FLAT PANEL HOUSING: ALUMINUM FRAME FINISH: WHITE POLYESTER COATING MOUNTING: SURFACE - CEILING LAMP: LED, 82 CRI, 3500K, 5,000 LUMEN (32/42/52 WATTS)
L4	LITHONIA - Z SERIES	LED STRIP LIGHT TYPE: LED STRIP LIGHT HOUSING: COLD-ROLLED STEEL, ACRYLIC LENS FINISH: WHITE POWDER COAT MOUNTING: SURFACE - CEILING LAMP: LED, 3500K, 5,000 LUMEN (41 WATTS) PER 4- FEET
L8	LITHONIA - Z SERIES	SAME AS TYPE Z4 EXCEPT TYPE: Z4 Z8: 8-FOOT VERSION L136-100000LM LAMP: LED, 3500K, 10,000 LUMEN (81 WATTS)
V2	TERON VIGEROY	2 FOOT VANITY LIGHT TYPE: 2 FOOT VANITY LIGHT MOUNTING: SURFACE - WALL LAMP: 12 WATT LED
W2	LITHONIA	LED WALL PACK TYPE: LED WALL PACK HOUSING: DIE-CAST ALUMINUM FINISH: DARK BRONZE MOUNTING: SURFACE - WALL LAMP: LED, 3500K, 4,300 LUMEN (35 WATTS)
X1	LITHONIA - EGBR	LED EXIT SIGN WITH EMERGENCY LIGHT BAR TYPE: LED EXIT SIGN WITH EMERGENCY LIGHT BAR HOUSING: THERMOPLASTIC OR POLYCARBONATE FINISH: WHITE HOUSING WITH RED LETTERS MOUNTING: FIELD VERIFY MOUNTING LAMP: LED BATTERY: NI-CAD BATTERY NOTE: DOUBLE FACE AS NECESSARY

RUSA STORAGE
ALL FIXTURES ARE 120 VOLT UNLESS NOTED OTHERWISE

MECHANICAL EQUIPMENT SCHEDULE

ID	DESCRIPTION	LOCATION	HP/KVA	VOLT	PH	NOTE	
OHP-1	MINI-SPLIT HEAT PUMP	OUTSIDE	19	KW	240	1	MCA = 1.95, MOCP = 15 A
IHP-1	MINI-SPLIT FAN COIL UNIT	BREAK RM				1	FED FROM OHP-1
ERV - 1	ENERGY RECOVERY TOILET	TOILET	16.3	W	120	1	PROVIDE AUTOMATIC CONTROLS
EF - 1	EXHAUST FAN	TOILET	24	W	120	1	CONTROL WITH LIGHTS
WH-1	TANKLESS WATER HEATER	BREAK RM	4.8	KW	240	1	NO ELECTRICAL CONNECTION
WH-2	TANKLESS WATER HEATER	TOILET	3.5	KW	240	1	NO ELECTRICAL CONNECTION

KEYED NOTES
1 MOTOR RATED SWITCH.
9/29/2024

GREEN BUILDING PANEL 'B'
60 AMP MAIN BREAKER 120 / 240 VOLTS
FAULT CURRENT = 913
1-PHASE, 3-WIRE
COPPER, 1" C, 3 #4 PH, #10 GRD

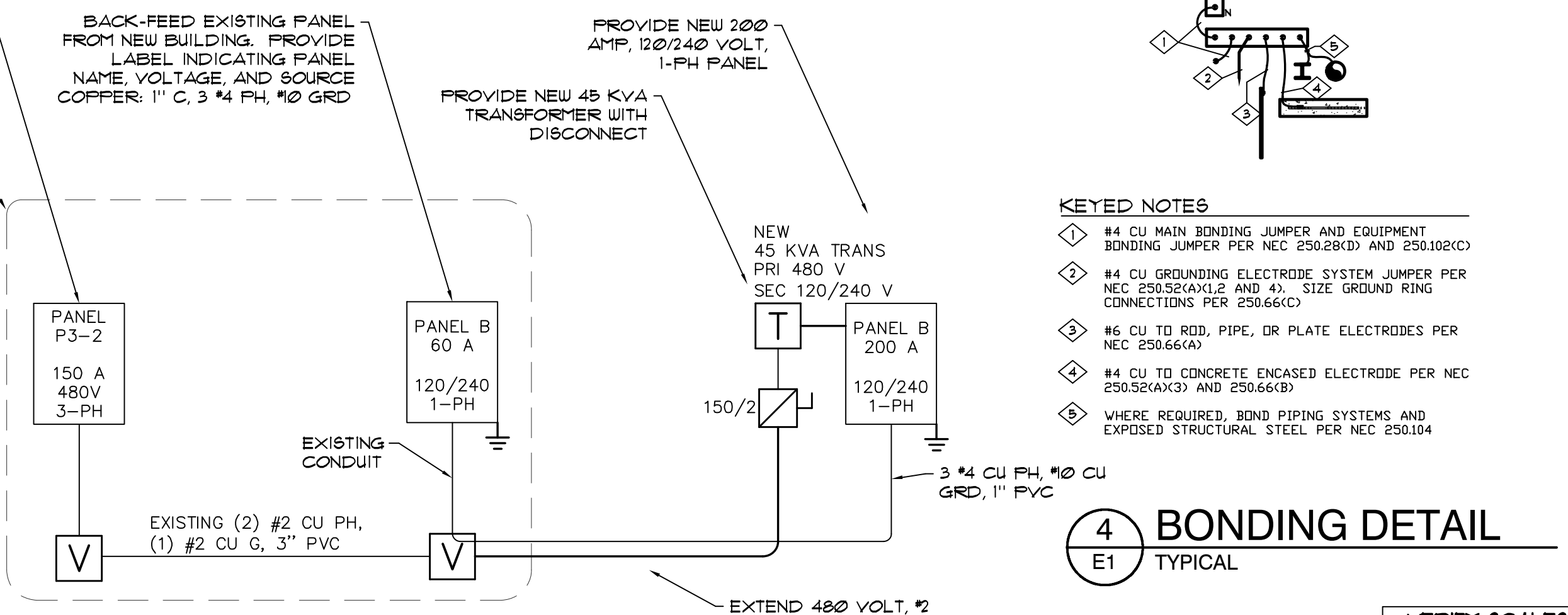
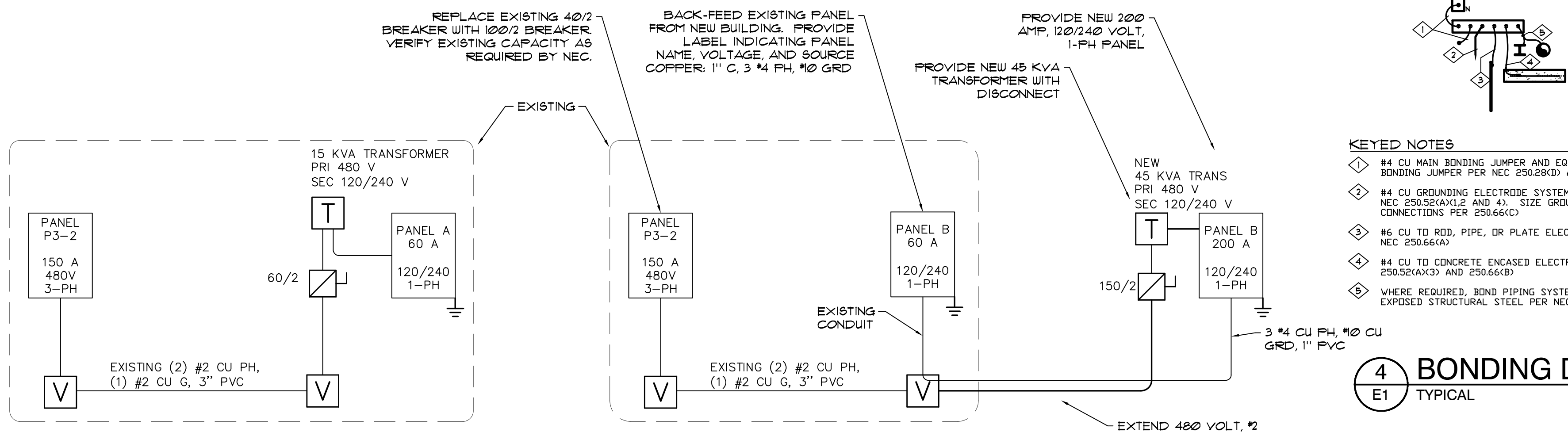
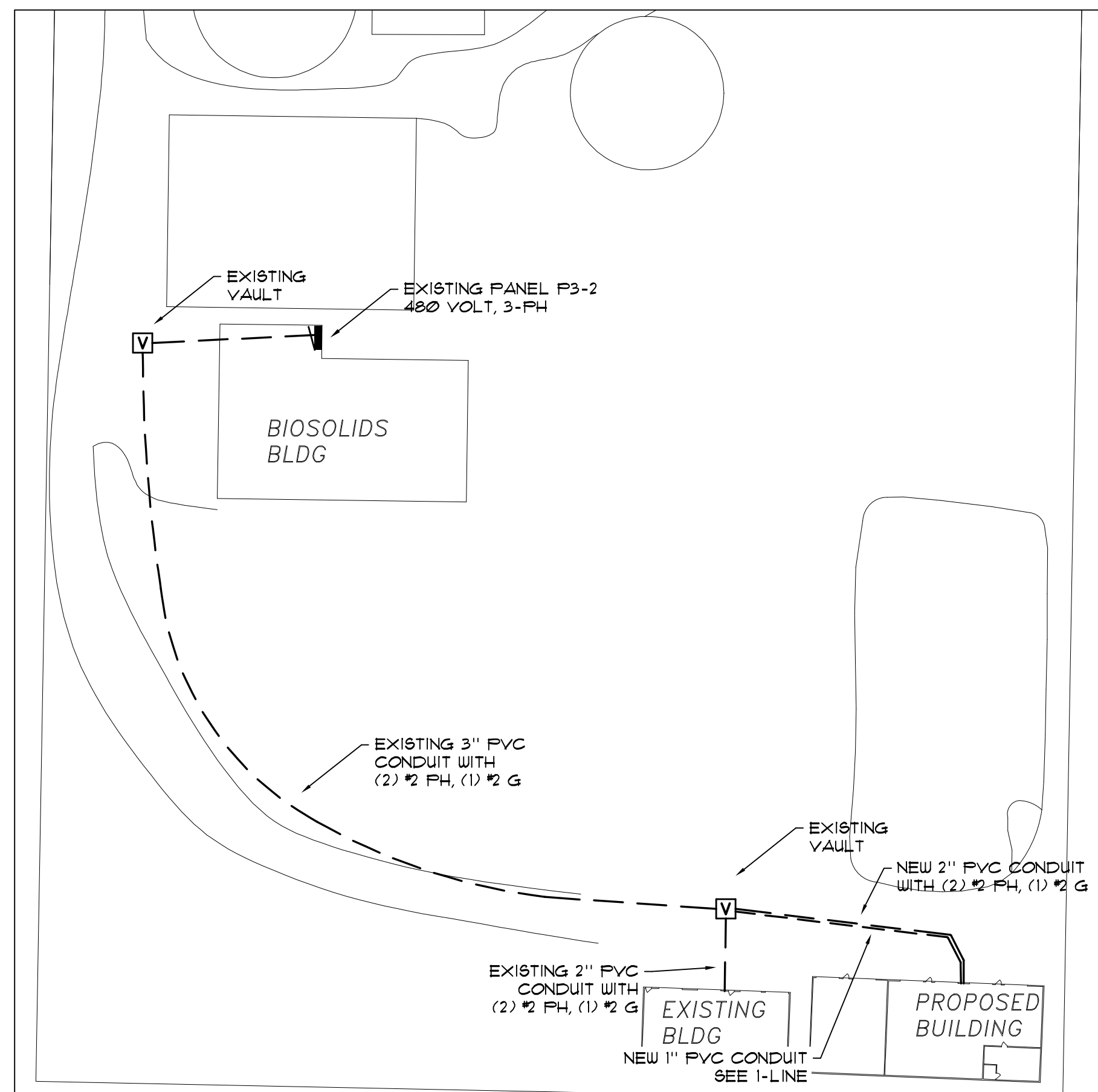
FEEDER SIZE	LOAD DISTRIBUTION	CONNECTED VA	DIVERSITY FACTOR	DIVERSIFIED VA	LOAD	T	FL
1	LTG	1000	0.75	750	RECEPTACLES	1	1
2	REC MOTOR	0	1.00	0	LIGHTS	2	2
3	DATA	0	1.00	0		3	3
4	EXTG	0	1.00	0		4	4
5	HEAT	0	1.00	0		5	5
6	MISC	1000	1.00	1000		6	6
7	PH-A	0	1.00	0		7	7
8	PH-B	0	1.00	0		8	8
9	TOTAL	2000	0.75	1500		9	9
10	WITH SPARE	2600				10	10
11						11	11
12						12	12
13						13	13
14						14	14
15						15	15

ALL CIRCUIT CONDUCTORS SIZED FOR COPPER
9/29/2024
2414 RUSA Storage Panel Schedule
FED FROM PANEL 'A'

NEW STORAGE BUILDING PANEL 'A'
200 AMP MAIN BREAKER 120 / 240 VOLTS
FAULT CURRENT = 1397
1-PHASE, 3-WIRE
COPPER, 2" C, 3 #3/0 PH, #6 GRD

FEEDER SIZE	LOAD DISTRIBUTION	CONNECTED VA	DIVERSITY FACTOR	DIVERSIFIED VA	LOAD	T	FL
1	LTG	2981	0.75	2236	RECEPTACLES	1	1
2	REC MOTOR	1912	1.00	1912	LIGHTS	2	2
3	DATA	0	1.00	0		3	3
4	EXTG	0	1.00	0		4	4
5	HEAT	0	1.00	0		5	5
6	MISC	16256	1.00	16256		6	6
7	PH-A	0	1.00	0		7	7
8	PH-B	0	1.00	0		8	8
9	TOTAL	32334	0.75	24251		9	9
10	WITH SPARE	40668				10	10
11						11	11
12						12	12
13						13	13
14						14	14
15						15	15
16						16	16
17						17	17
18						18	18
19						19	19
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32						32	32
33						33	33
34						34	34
35						35	35
36						36	36
37						37	37
38						38	38
39						39	39
40						40	40

ALL CIRCUIT CONDUCTORS SIZED FOR COPPER
9/29/2024
2414 RUSA Storage Panel Schedule
FED FROM PANEL 'P3-2' VIA TRANSFORMER 'T1'



KEYED NOTES

- #4 CU MAIN BONDING JUMPER AND EQUIPMENT BONDING JUMPER PER NEC 250.28(D) AND 250.102(C)
- #4 CU GROUNDING ELECTRODE SYSTEM JUMPER PER NEC 250.52(A)(2) AND (4). SIZE GROUND RING CONNECTIONS PER 250.66(C)
- #6 CU TO ROD, PIPE, OR PLATE ELECTRODES PER NEC 250.66(A)
- #4 CU TO CONCRETE ENCASED ELECTRODE PER NEC 250.52(A)(3) AND 250.66(B)
- WHERE REQUIRED, BOND PIPING SYSTEMS AND EXPOSED STRUCTURAL STEEL PER NEC 250.104

4 BONDING DETAIL
E1 TYPICAL

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

REVISIONS

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ROSEBURG URBAN SANITARY AUTHORITY
3485 W. GOEDEK AVE. ROSEBURG, OR 97471
WRF VEHICLE AND EQUIPMENT STORAGE BUILDING

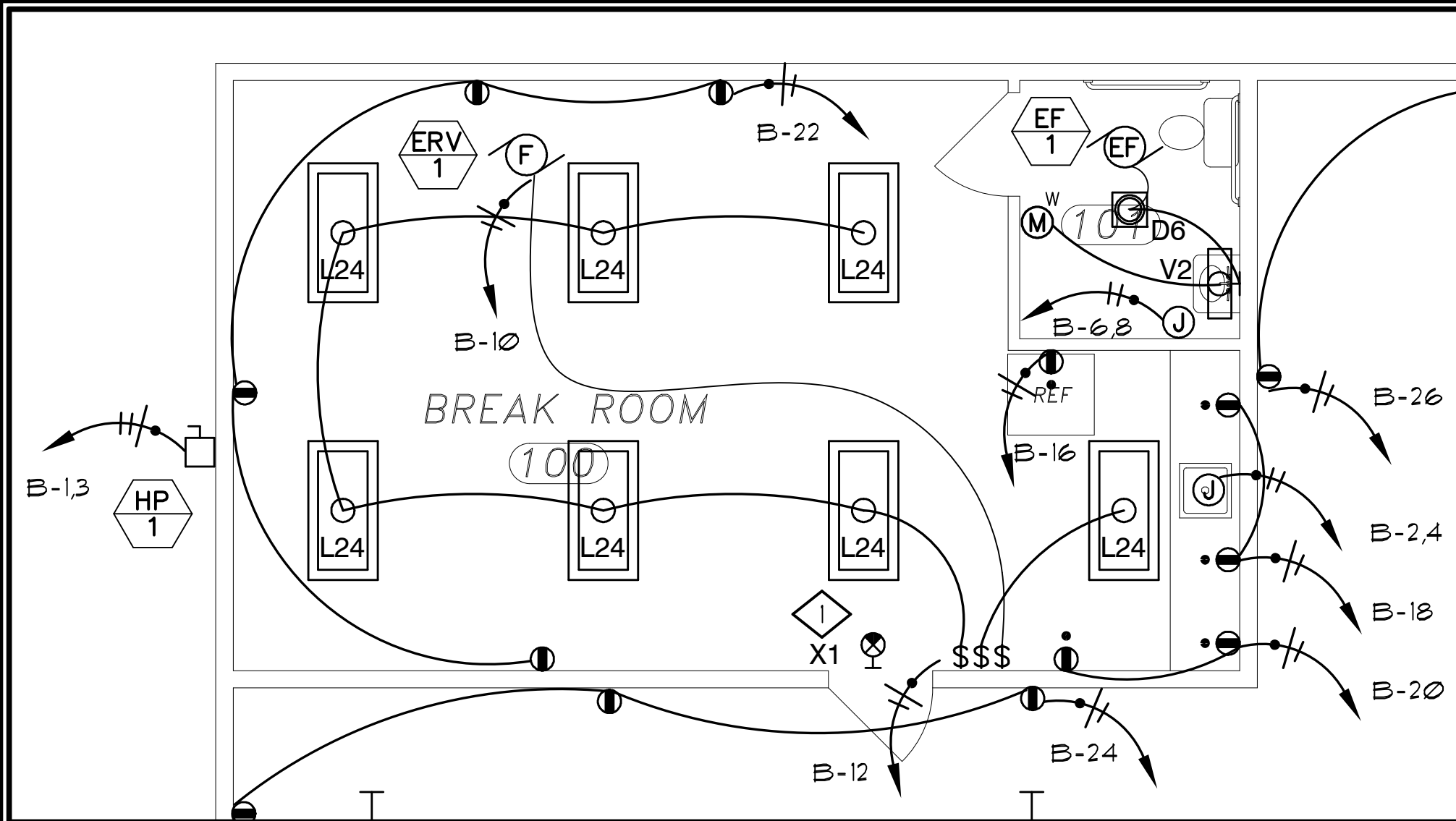
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CHECKED : GLP

DATE : May 2024
SCALE : As Noted
JOB NO. : 24.14
SHEET

E1

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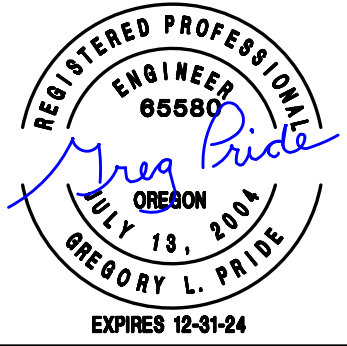


2 BREAK ROOM DETAIL
E2 SCALE: 1/4" = 1'-0"

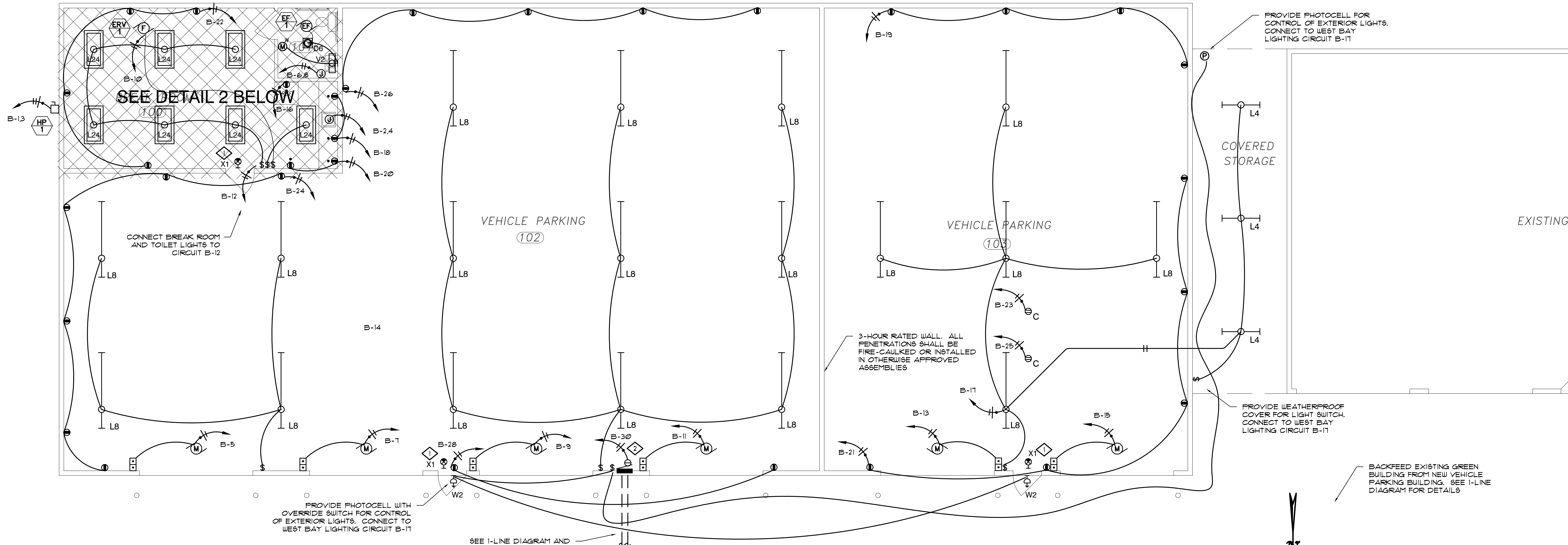
KEYED NOTES

- ◇ CONNECT EXIT SIGN TO UNSWITCHED LIGHTING CIRCUIT SERVING THIS AREA.
- ◇ PROVIDE 30 AMP 120 VOLT RECEPTACLE FOR AIR COMPRESSOR. FIELD COORDINATE REQUIREMENTS WITH OWNER.

REVISIONS



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1 ELECTRICAL FLOOR PLAN
E2 SCALE: 3/16" = 1'-0"

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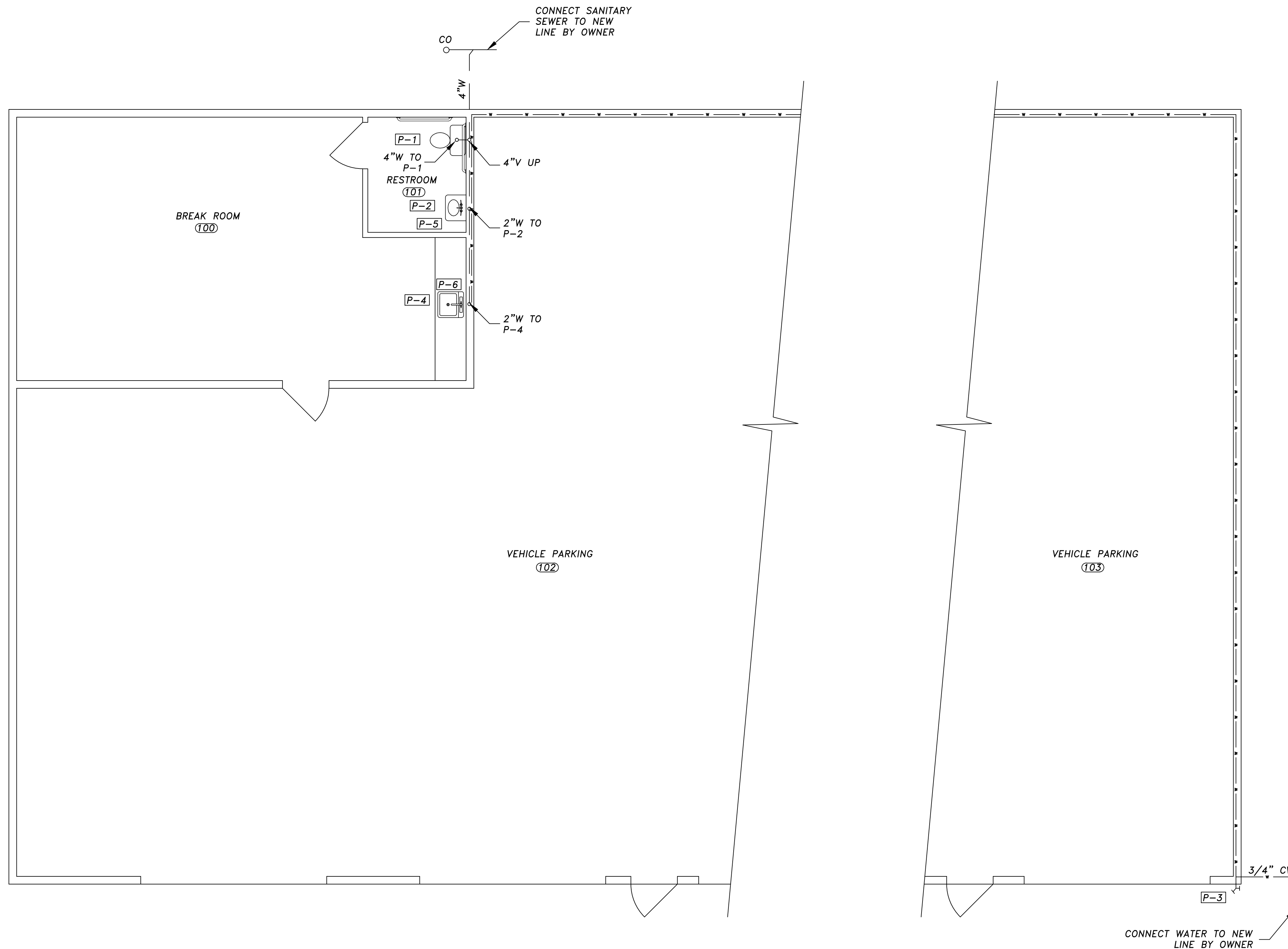
DRAWN :	CHECKED :
GLP	GLP
DATE :	MAY 2024
SCALE :	As Noted
JOB NO. :	24.14
SHEET	

E2



VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

PLUMBING SCHEDULE								
MARK	FIXTURE	MANUFACTURER	MODEL	CW	HW	WASTE	VENT	REMARKS
P-1	LAVATORY	AMERICAN STANDARD	COMRADE #0124.024	1/2	1/2	2	1 1/2	WHITE WALL HUNG, 20x18 VITREOUS CHINA W/ FLOOR MOUNTED CARRIER. SINGLE LEVER FAUCET W/ GRID STRAINER DRAIN, .05 AERATOR AND ADJUSTABLE TEMPERATURE LIMIT STOPS
P-2	WATER CLOSET	AMERICAN STANDARD	CADET #215FC.104	1/2	-	4	2	WHITE, FLOOR MOUNT, ELONGATED BOWL, TANK TYPE WITH TRIP LEVER ON OPEN SIDE OF FIXTURE. 16-1/2" RIM HEIGHT. 1.28 GALLONS PER FLUSH. ELONGATED OPEN FRONT SEAT
P-3	WALL HYDRANT	WOLFORD	67	3/4	-	-	-	FREEZELESS HYDRANT WITH DOUBLE CHECK BACKFLOW PREVENTER, 3/4" HOSE NOZZLE OUTLET, AND LOOSE TEE KEY OPERATOR
P-4	SINK	ELKAY MOEN	LRAD191965 8138	1/2	1/2	2	1 1/2	18 GAGE STAINLESS STEEL, SINGLE BOWL 14x16x6-1/2 CENTER LKAD35 DRAIN. SINGLE LEVER FAUCET W 8" SPOUT AND SIDE SPRAY.
P-5	INSTANTANEOUS WATER HEATER	EEMAX	EX35	1/2	1/2	-	-	ELECTRIC TANKLESS WATER HEATER SET AT 105 DEG. F HIGH TEMPERATURE LIMIT SWITCH. 3.5 KW, 240V/1 PHASE
P-6	INSTANTANEOUS WATER HEATER	EEMAX	EX48	1/2	1/2	-	-	ELECTRIC TANKLESS WATER HEATER SET AT 105 DEG. F HIGH TEMPERATURE LIMIT SWITCH. 4.8 KW, 240V/1 PHASE



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

REVISIONS

REGISTERED PROFESSIONAL ENGINEER
15,651
Thomas J. Rogers
OREGON
SEPT 17, 1991
THOMAS J. ROGERS
EXPIRES: 12-31-24

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SHEET
P1.0

