

DRAWING SYMBOLS

ABBREVIATIONS

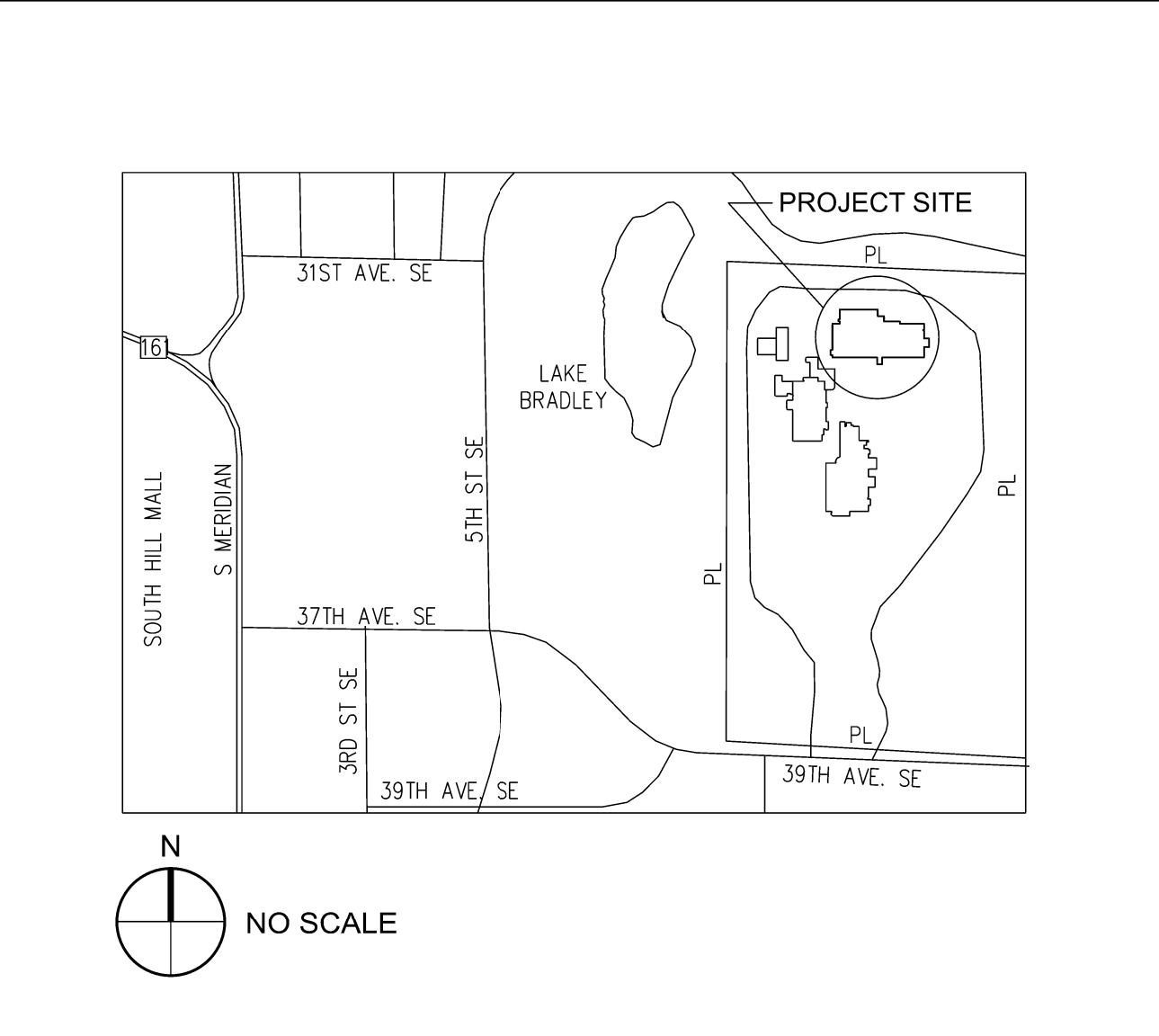
VICINITY MAP

PROJECT DIRECTORY

SHEET INDEX

Table of drawing symbols including North Indicator, Section Callout, Detail Callouts, Match Line, Key Note Callout, Existing/New Grids, Partition Type Callout, Elevation/Datum Callout, Equipment Callout, Furniture Callout, and Finish Callout.

Table of abbreviations for materials, construction terms, and equipment, including AMP, FIRE ALARM, GYPSUM, and various electrical and mechanical symbols.



OWNER: BENAROYA CAPITAL, LLC
ARCHITECT: CASCADE MISSION CRITICAL, LLC
STRUCTURAL ENGINEER: BSE-BRIENEN STRUCTURAL ENGINEERS
MECHANICAL ENGINEER: STANTEC

Table of sheet index including Architectural, Mechanical, and Structural sheets with their respective titles and descriptions.

PLAN SYMBOLS

Table of plan symbols for fire extinguishers, cabinets, exit signs, lighting fixtures, and other building features.

Continuation of abbreviations table, listing terms like JANITOR, KITCHEN, LAUNDRY, and various electrical symbols.

PROJECT INFORMATION

PROJECT ADDRESS: 1023 39TH AVENUE SE PUYALLUP, WA 98744-2121
PARCEL NO. 0419034036
LEGAL DESCRIPTION: Section 03 Township 19 Range 04 Quarter 42 Lot 1 of BLR 2022-03-22-5003...

SCOPE OF WORK

WORK UNDER THIS PERMIT: CONSTRUCT 1,144 SF METAL BUILDING.
WORK UNDER SEPARATE PERMITS: CONCRETE SLAB ON GRADE AND FOUNDATIONS...

SECURITY SYMBOLS

Table of security symbols including Security Camera, Card Reader, Biometric Scanner, Door Contact, Duress Button, Intercom, and Motion Detector.

Continuation of abbreviations table, listing terms like PA, PBD, PDU, PIR, PLAS, PLYWD, and various electrical symbols.

CODE INFORMATION

APPLICABLE CODES: WASHINGTON BUILDING CODE, 2021 EDITION
BUILDING CODE INFORMATION: BUILDING OCCUPANCY GROUP: TYPE U, UTILITY
LAND USE CODES: PUYALLUP MUNICIPAL CODE

GENERAL NOTES

- 1. DO NOT SCALE THE DRAWINGS.
2. THE DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY.
3. THE CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS...

City of Puyallup Building Reviewed for Compliance stamp, including permit details and project information.

CITY OF PUYALLUP Planning Division Approved Site Plan stamp, including setback requirements and permit details.

Refer to the City standard details stamp and other project-related notes.

Owner and Consultant information: BENAROYA CAPITAL, LLC and CASCADE MISSION CRITICAL, LLC. Includes project name: CENTERIS VOLTAGE PARK.

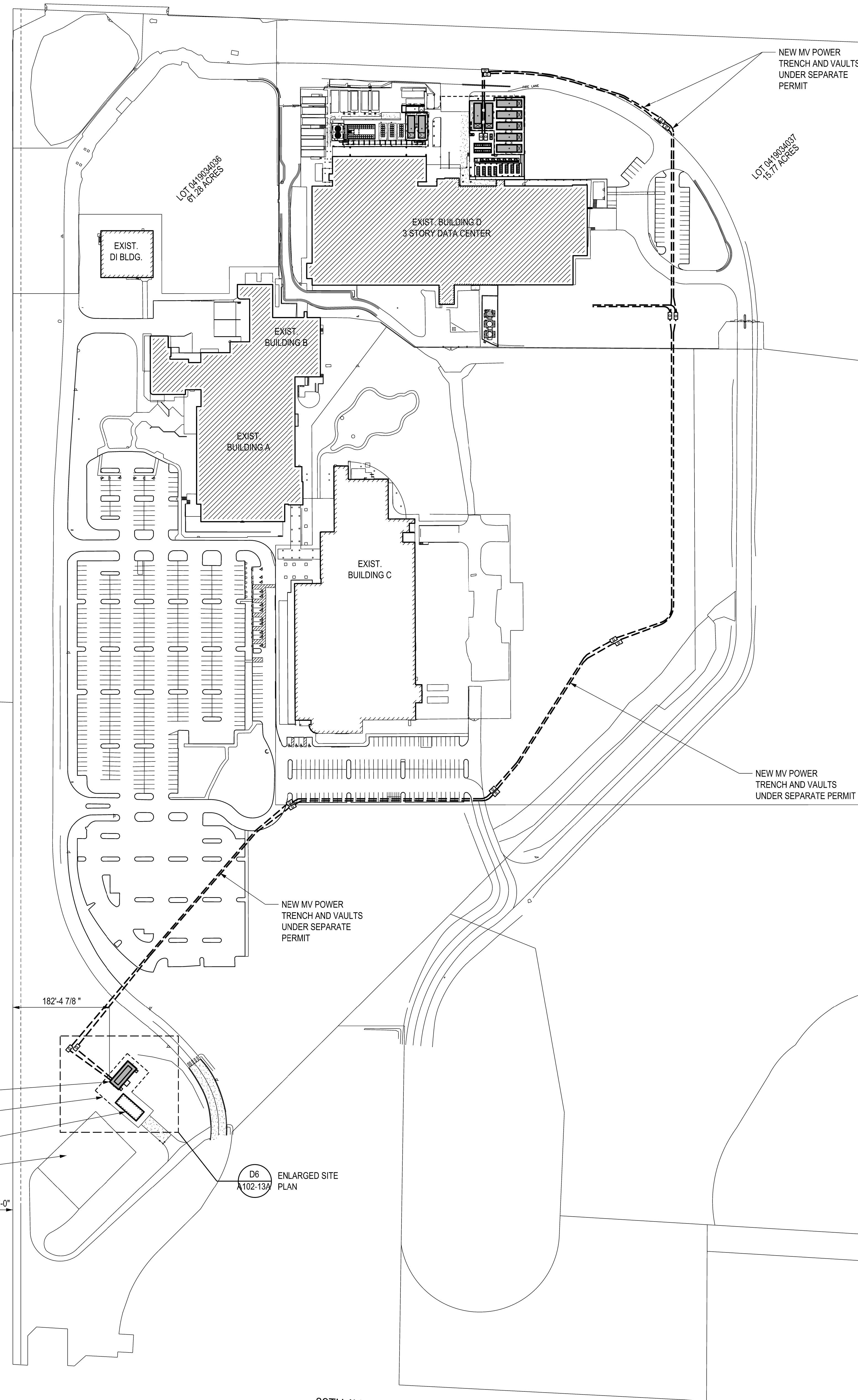
SITE INFORMATION

PROJECT ADDRESS
 1023 39TH AVENUE SE
 PUYALLUP, WA 98374-2121
PARCEL NO. 0419034036
 ADDRESS: 1019 - 1021 39TH AVENUE S.E.
 PARCEL AREA: 61.28 ACRES

LEGAL DESCRIPTION
 Section 03 Township 19 Range 04 Quarter 42 LOT 1 OF BLR 2022-03-22-5003 A POR OF BLR 2019-05-22-5002 LY IN CY OF PUYALLUP MORE PARTICULARLY
 DESC AS FOLL COM AT STONE MON MARKING S 1/4 COR OF SEC SD STONE MON LIES N 86 DEG 31 MIN 42 SEC W 2621.06 FT FROM SE COR OF SD
 SEC 3 TH N 00 DEG 00 MIN 24 SEC E ALG W LI OF SE 1/4 OF SD SEC 3 43.08 FT TO PT OF BEG TH CONT ALG W LI OF SD SE 1/4 N 00 DEG 00 MIN 24 SEC E
 2556.43 FT TH S 87 DEG 44 MIN 17 SEC E 496.53 FT TH S 00 DEG 04 MIN 00 SEC W 12.36 FT TH S 10 DEG 29 MIN 57 SEC E 15.96 FT TH S 00 DEG 00 MIN
 36 SEC E 335.82 FT TH S 52 DEG 49 MIN 01 SEC E 132.81 FT TH S 89 DEG 15 MIN 41 SEC E 28.82 FT TH S 82 DEG 14 MIN 13 SEC E 58.63 FT TH S 53 DEG
 48 MIN 36 SEC E 13.69 FT TH S 37 DEG 10 MIN 59 SEC W 232.64 FT TH S 00 DEG 15 MIN 12 SEC E 225.75 FT TH S 89 DEG 59 MIN 00 SEC W 80.33 FT TH
 S 00 DEG 00 MIN 36 SEC W 489.99 FT TH N 80 DEG 59 MIN 00 SEC E 547.26 FT TH N 00 DEG 00 MIN 36 SEC E 800.97 FT TH S 89 DEG 41 MIN 46 SEC E
 381.02 FT TH S 33 DEG 03 MIN 35 SEC E 198.54 FT TH S 00 DEG 13 MIN 45 SEC W 1645.13 FT TH N 86 DEG 31 MIN 42 SEC W 295.47 FT TH S 00 DEG 13 MIN
 45 SEC W 332.49 FT TH N 87 DEG 01 MIN 38 SEC W 580.68 FT TH N 00 DEG 52 MIN 42 SEC E 677.52 FT TH N 89 DEG 59 MIN 36 SEC W 125.03 FT TH S
 45 DEG 04 MIN 35 SEC W 283.07 FT TO A NON-TANG CURVE CONCAVE TO W HAVING A RAD OF 265 FT RAD PT OF WHICH BEARS N 87 DEG 53 MIN 38
 SEC W TH SLY ALG ARC OF SD CURVE THRU A C/A OF 33 BEG 00 MIN 38 SEC FOR 116.11 FT TH S 32 DEG 19 MIN 16 SEC W 41.17 FT TH S 45 DEG 34 MIN
 35 SEC W 113.76 FT TO C TO L HAVING A RAD OF 254 FT TH ALG ARC OF SD CURVE THRU A C/A OF 18 DEG 36 MIN 33 FOR 82.50 FT TH S 25 DEG 10 MIN
 59 SEC W 11.39 FT TH S 19 DEG 13 MIN 49 SEC W 41.03 FT TH S 13 DEG 32 MIN 38 SEC W 10.80 FT TO A NON-TANG CURVE CONCAVE TO E HAVING A RAD
 OF 264 FT RAD PT OF WHICH BEARS S 77 DEG 48 MIN 15 SEC E TH SLY ALG ARC OF SD CURVE THRU A C/A OF 60 DEG 43 MIN 28 SEC FOR 29.81 FT TH S 87
 DEG 01 MIN 38 SEC E 27.68 FT TH S 02 DEG 58 MIN 22 SEC W 33.74 FT TH N 87 DEG 38 SEC W 28.12 FT TH S 03 DEG 27 DEG 46 SEC W 10.16 FT TH N 87 DEG
 01 MIN 38 SEC W 59.99 FT TH S 47 DEG 58 MIN 22 SEC W 29.06 FT TH N 86 DEG 31 MIN 42 SEC W 12.85 FT TH N 00 DEG 00 MIN 24 SEC E 69.13 FT TH N 86 DEG
 31 MIN 42 SEC W 58.60 FT TH S 45 DEG 04 MIN 25 SEC W 23.35 FT TH S 00 DEG 00 MIN 24 SEC W 55.66 FT TH N 86 DEG 31 MIN 42 SEC W 28.05 FT TO POB EASE
 OF REC OUT OF 04-19-33-4-031, 4-032 & 4-034 SEG 2019-0472 00/50/19 JP 20190852DC 030122 JP

OVERALL SCOPE OF WORK

DATA CENTER BUILDING (PARCEL 0419034036)
MEDIUM VOLTAGE SWITCHGEAR BUILDING
 CONSTRUCT METAL BUILDING OF 1,144 SF
 FOUNDATIONS UNDER SEPARATE PERMIT SUBMITTAL
 NO. PRFO20240673

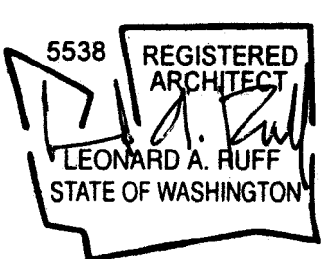


H
G
F
E
D
C
B
A

PRCT120240647

OWNER:
 BENAROYA CAPITAL, LLC
 Centeris Data Centers
 9675 SE 36th St, Suite 115
 Mercer Island, WA 98040
 +1.253.200.4120

CONSULTANT:



CASCADE MISSION CRITICAL, LLC
 Data Center Consulting and Design
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 P: 206-294-1288 www.cascademissioncritical.com

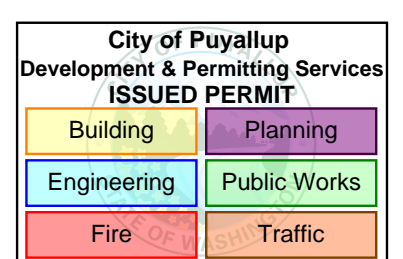
CENTERIS VOLTAGE PARK
 1023 39th Avenue South East
 Puyallup, WA 98374-2121
 WB02 VOLTAGE PARK
 MV SWITCHGEAR BUILDING

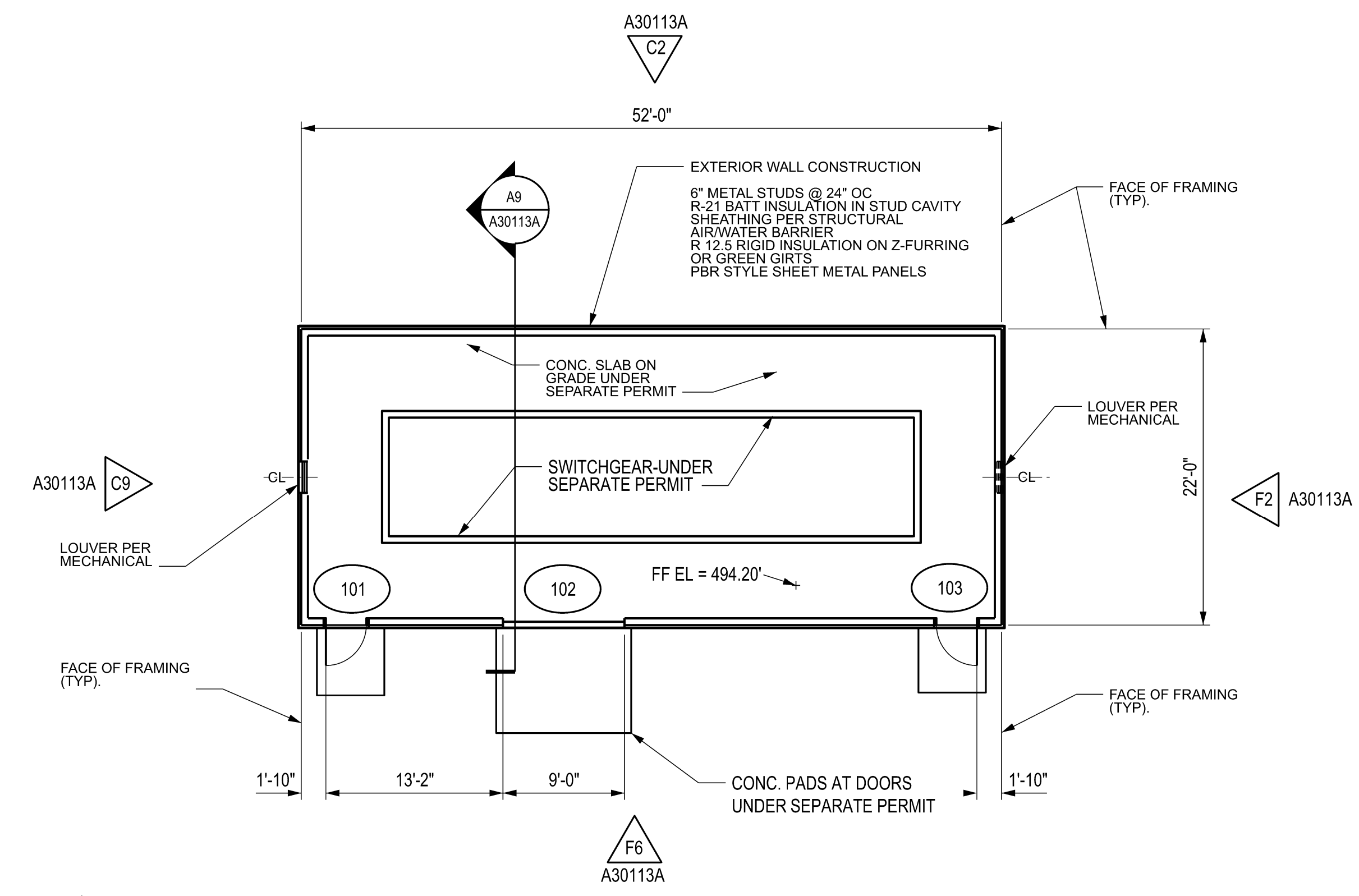
ISSUED/REVISED	DATE
PERMIT SUBMITTAL	4/18/24

PERMIT SUBMITTAL
 APRIL 18, 2024

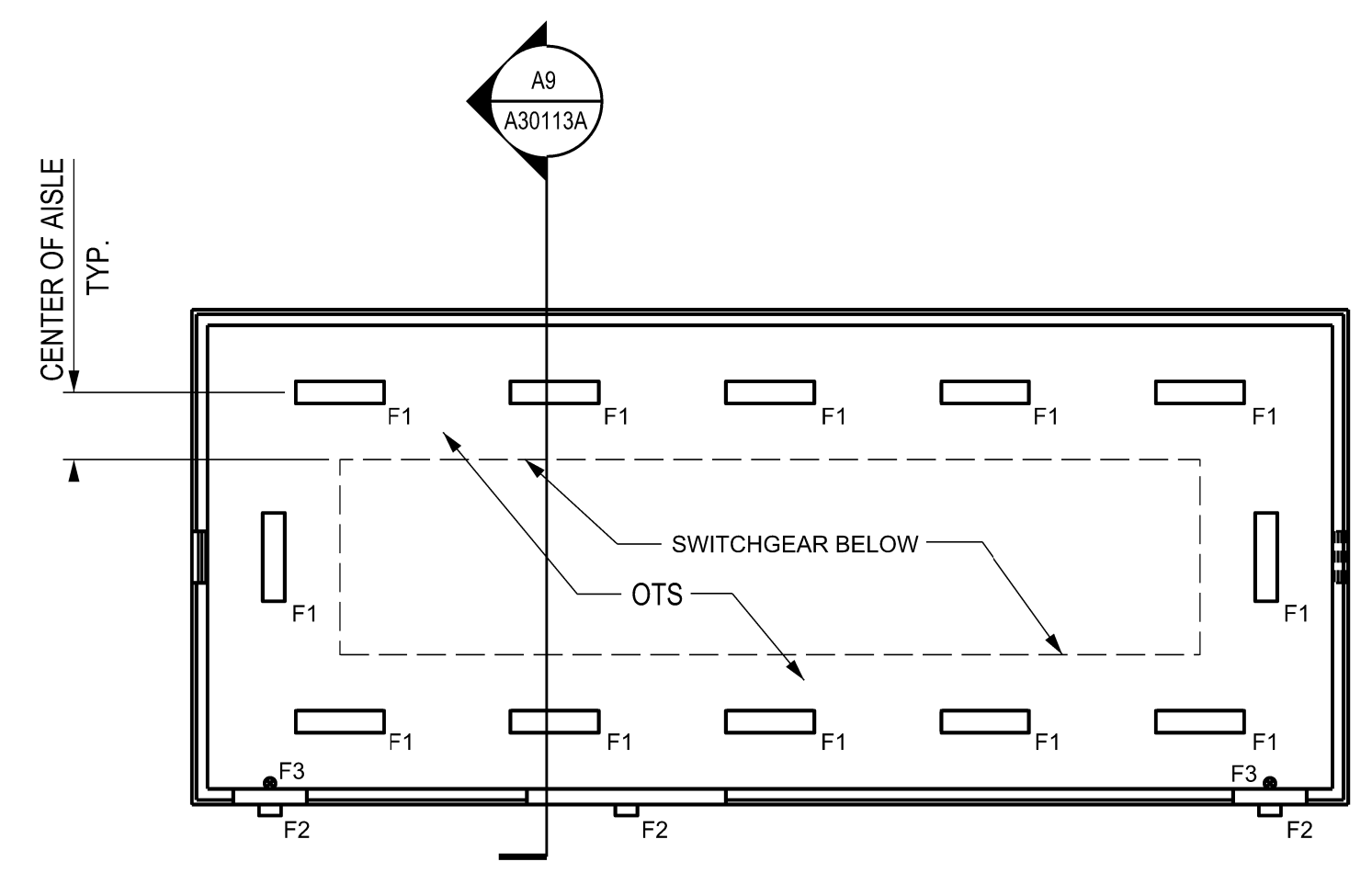
OVERALL SITE PLAN

A-101-13A



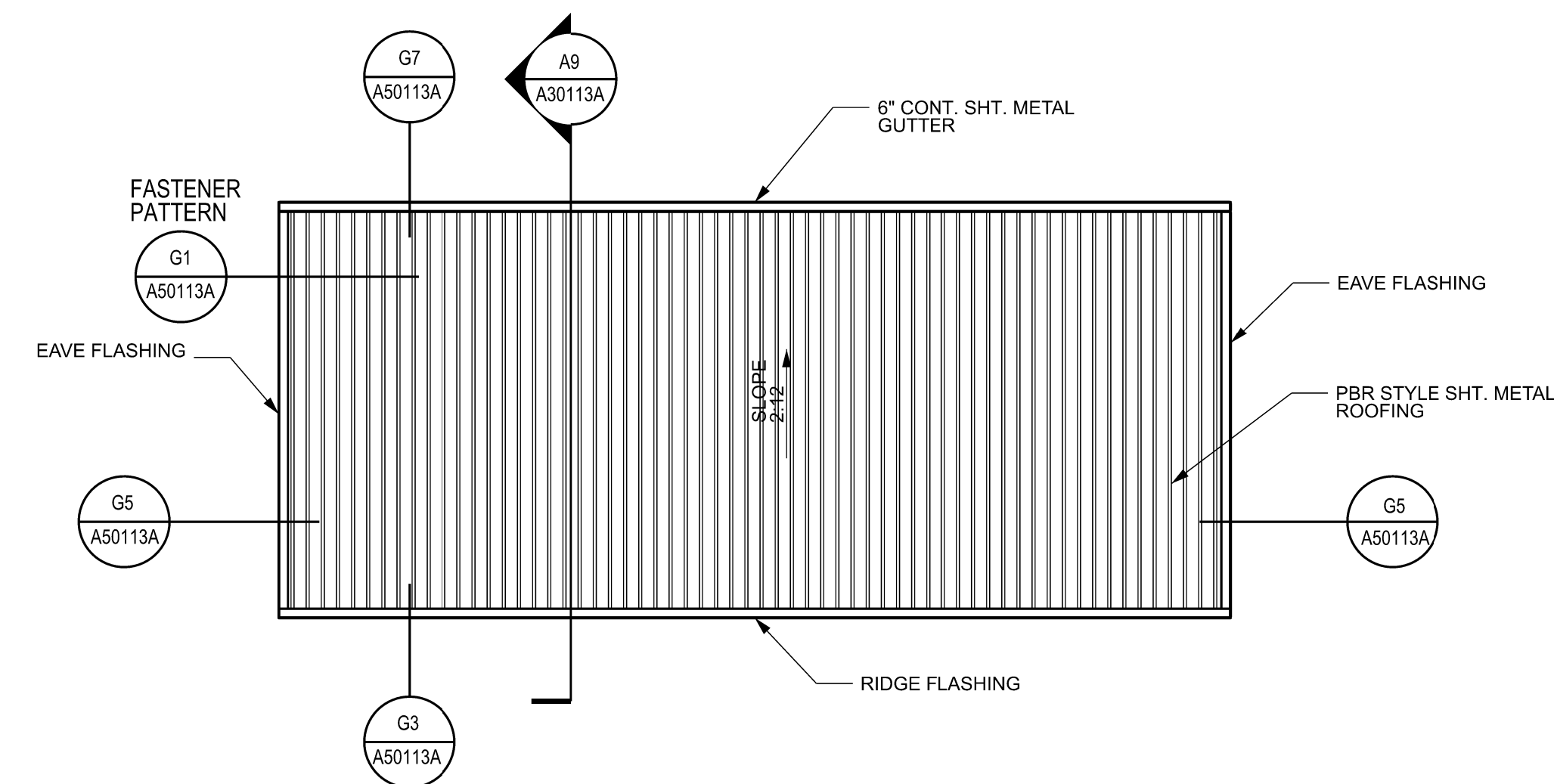


E1 FLOOR PLAN - SWITCHGEAR BUILDING
SCALE: 1/8" = 1'-0"



LIGHT FIXTURES - REFER TO ELEC.
F1 - SUSPENDED STRIP FIXTURE
F2 - WALL MOUNTED EXTERIOR FIXTURE
F3 - WALL MOUNTED EXIT SIGN

C1 REFLECTED CEILING PLAN - SWITCHGEAR BUILDING
SCALE: 1/8" = 1'-0"



A1 ROOF PLAN - SWITCHGEAR BUILDING
SCALE: 1/8" = 1'-0"

ROOF DRAINAGE CALCULATION - 2021 WPC

ROOF AREA: 1,205.75 SF
RAINFALL FACTOR (R) = 1.4
GPM = R X A X 0.0104
GPM = 1.4 X 1,205.75 X 0.0104
TOTAL GPM = 17.56
2" DIA. DOWNSPOUT = 30 GPM
2 - 2" DOWNSPOUTS PROVIDED

ENERGY CODE COMPLIANCE - 2021 WSEC

BUILDING DESIGNED AS A SEMI-HEATED BUILDING PER C402.1.1.2.

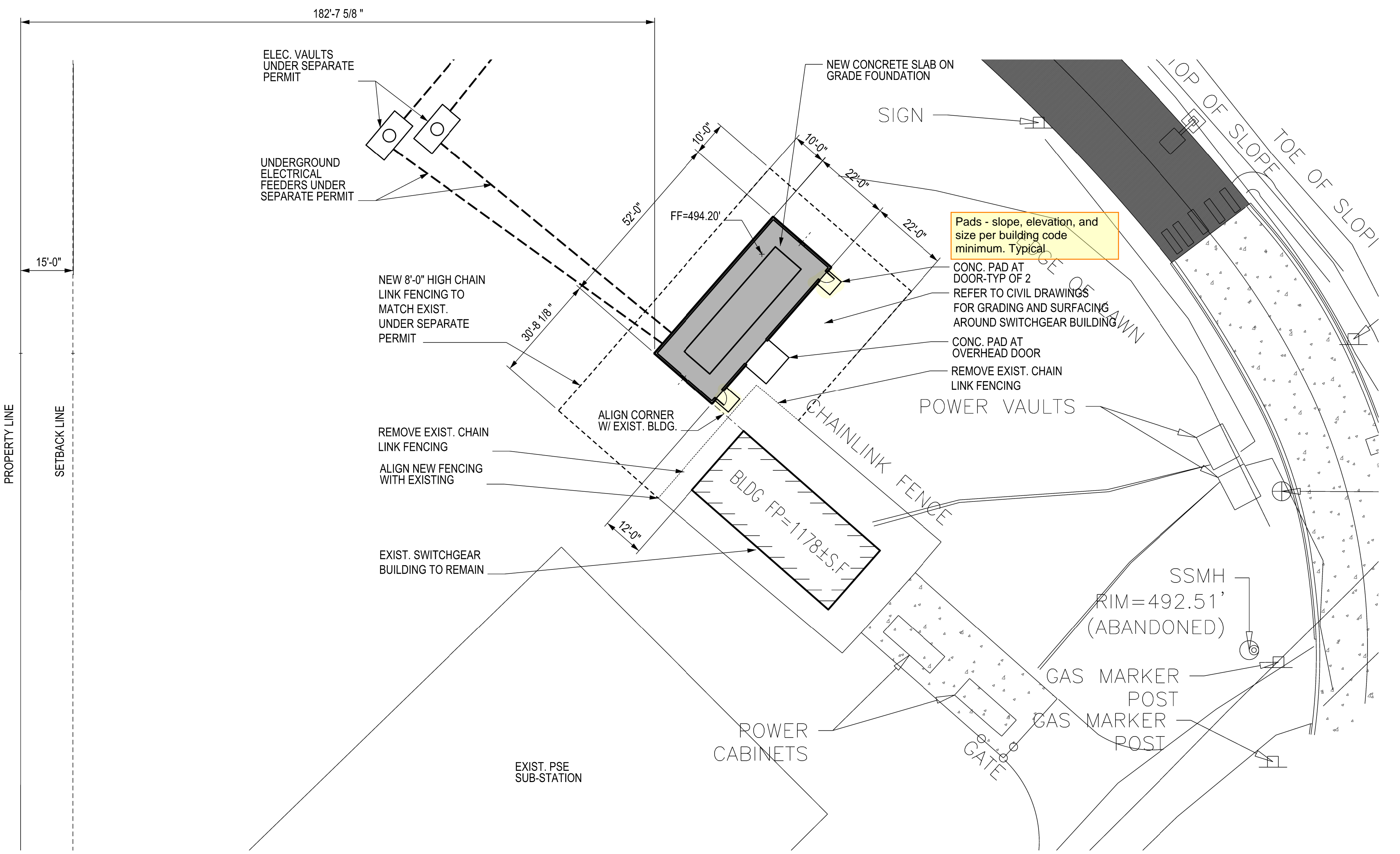
BUILDING ENVELOPE - TABLE C402.1.4 OPAQUE THERMAL ENVELOPE ASSEMBLY MAXIMUM REQUIREMENTS, U-FACTOR METHOD

ROOF: INSULATION ENTIRELY ABOVE ROOF DECK U-0.027
TWO LAYERS R-XX POLY-ISOCYANURATE INSULATION

EXTERIOR WALLS: STEEL FRAMED - U-0.055
PER TABLE A105.3.6.1(2)
CAVITY INSULATION: R-21 FOIL FACED BATT INSULATION
CONTINUOUS INSULATION: R-12.5 RIGID INSULATION ON "Z" FURRING OR THERMAL GREEN GIRT SUPPORTS AT 24" OC.

OPAQUE DOORS
SWINGING DOOR: U-0.34
GARAGE DOOR < 14% GLAZING: U-0.31

FOUNDATION INSULATION SUBMITTED UNDER SEPARATE FOUNDATION PERMIT SUBMITTAL

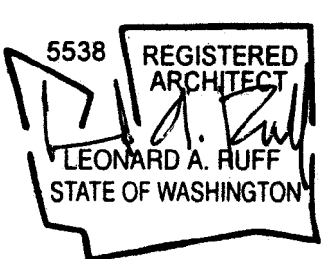


D6 ENLARGED SITE PLAN - SWITCHGEAR BUILDING
SCALE: 1" = 20'-0"

PRCT120240647

OWNER:
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+1.253.200.4120

CONSULTANT:



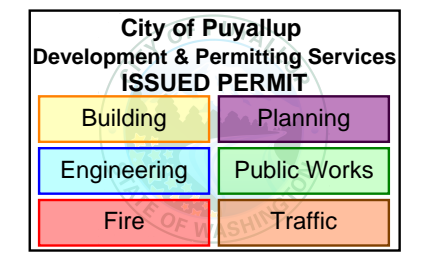
CASCADE MISSION CRITICAL, LLC
Data Center Consulting and Design
6210 36th Avenue N.E. Seattle, WA 98115
P: 206-294-1288 www.cascademissioncritical.com

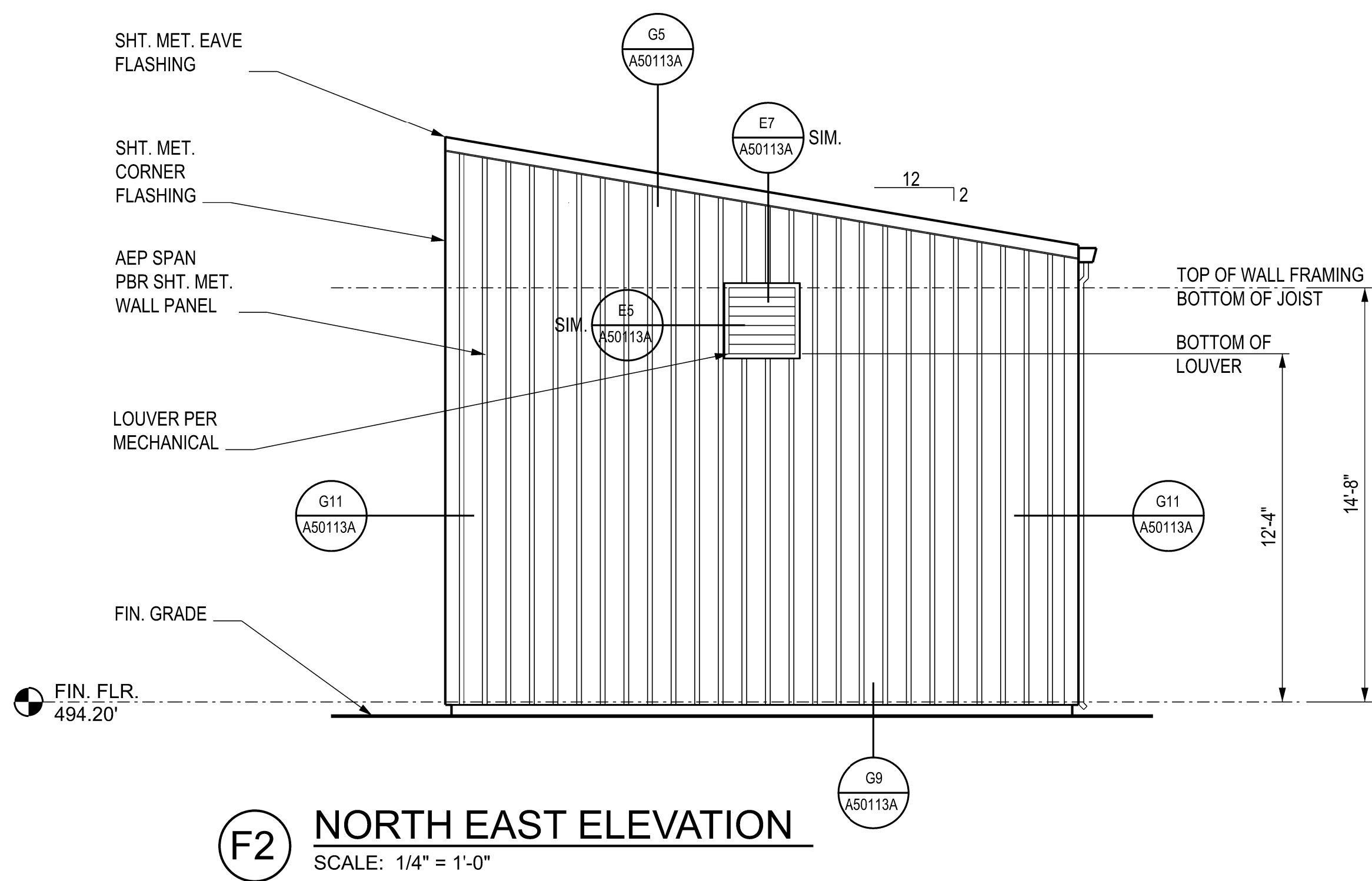
CENTERIS VOLTAGE PARK
1023 39th Avenue South East
Puyallup, WA 98374-2121
WB02 VOLTAGE PARK
MV SWITCHGEAR BUILDING

ISSUED/REVISED	DATE
PERMIT SUBMITTAL	4/18/24

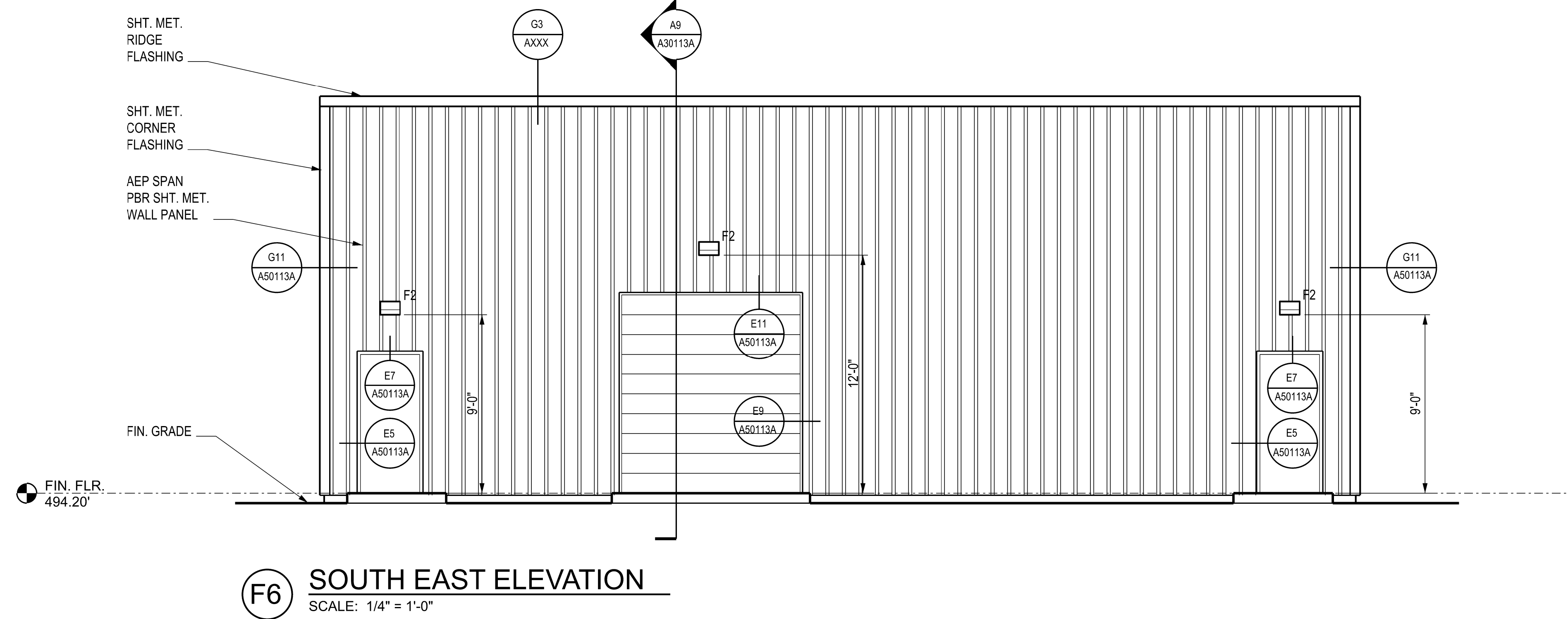
PERMIT SUBMITTAL
APRIL 18, 2024

SWITCHGEAR BUILDING
ENLARGED SITE PLAN
FLOOR PLAN
REFLECTED CEILING PLAN
ROOF PLAN
A-102-13A

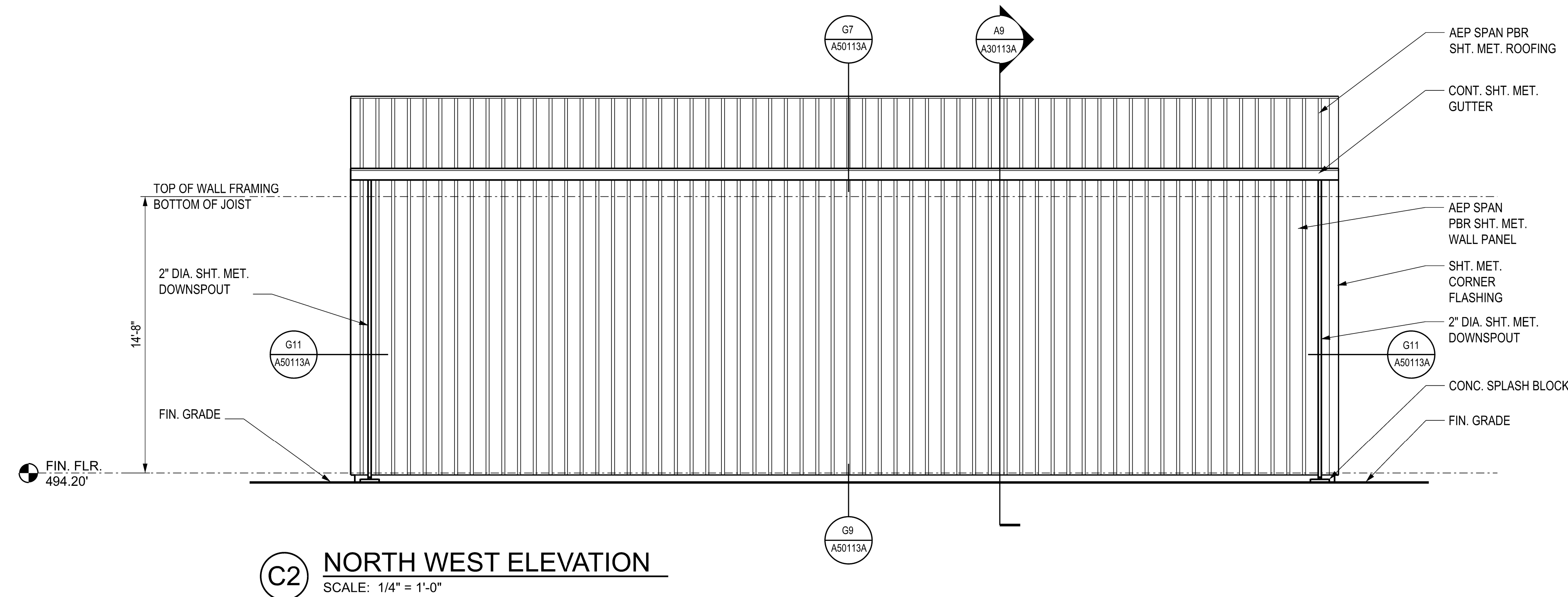




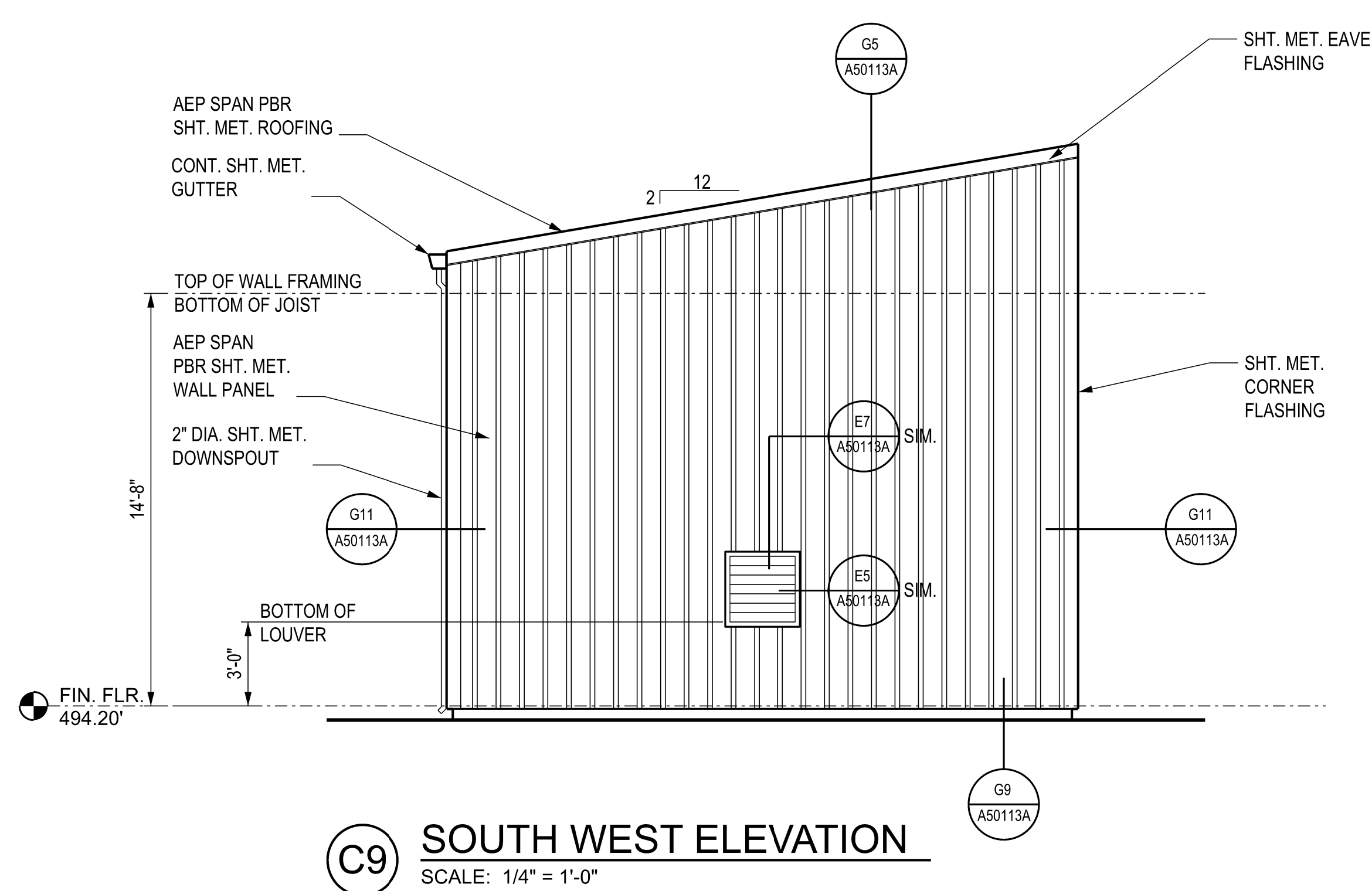
F2 NORTH EAST ELEVATION
SCALE: 1/4" = 1'-0"



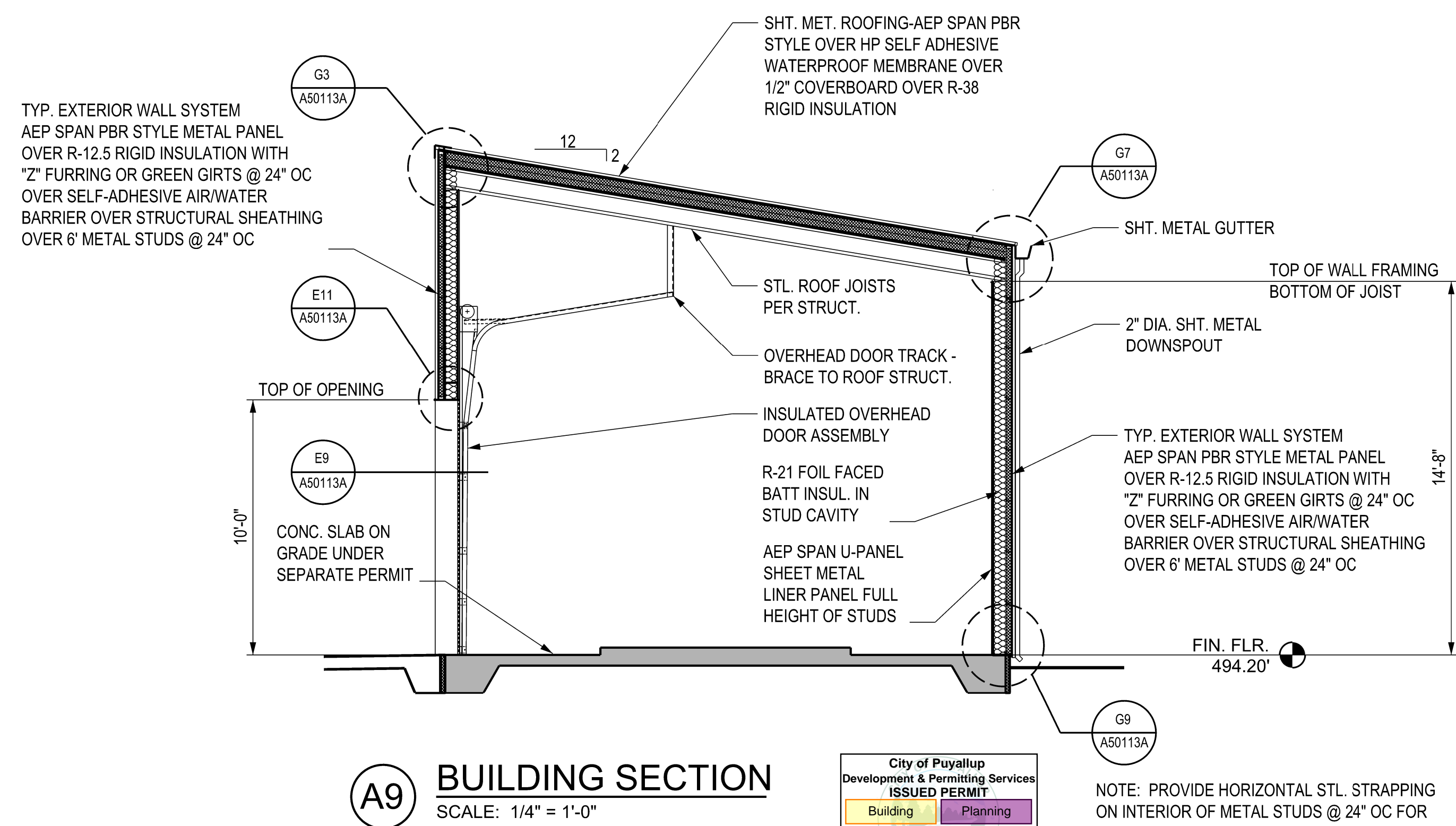
F6 SOUTH EAST ELEVATION
SCALE: 1/4" = 1'-0"



C2 NORTH WEST ELEVATION
SCALE: 1/4" = 1'-0"



C9 SOUTH WEST ELEVATION
SCALE: 1/4" = 1'-0"



A9 BUILDING SECTION
SCALE: 1/4" = 1'-0"

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

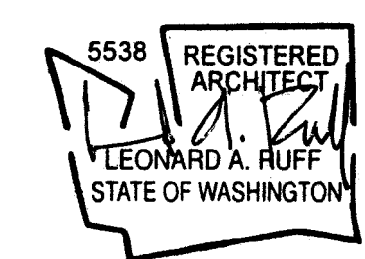
Building	Planning
Engineering	Public Works
Fire	Traffic

NOTE: PROVIDE HORIZONTAL STL. STRAPPING ON INTERIOR OF METAL STUDS @ 24" OC FOR ATTACHMENT OF INTERIOR LINER PANELS.

PRCT120240647

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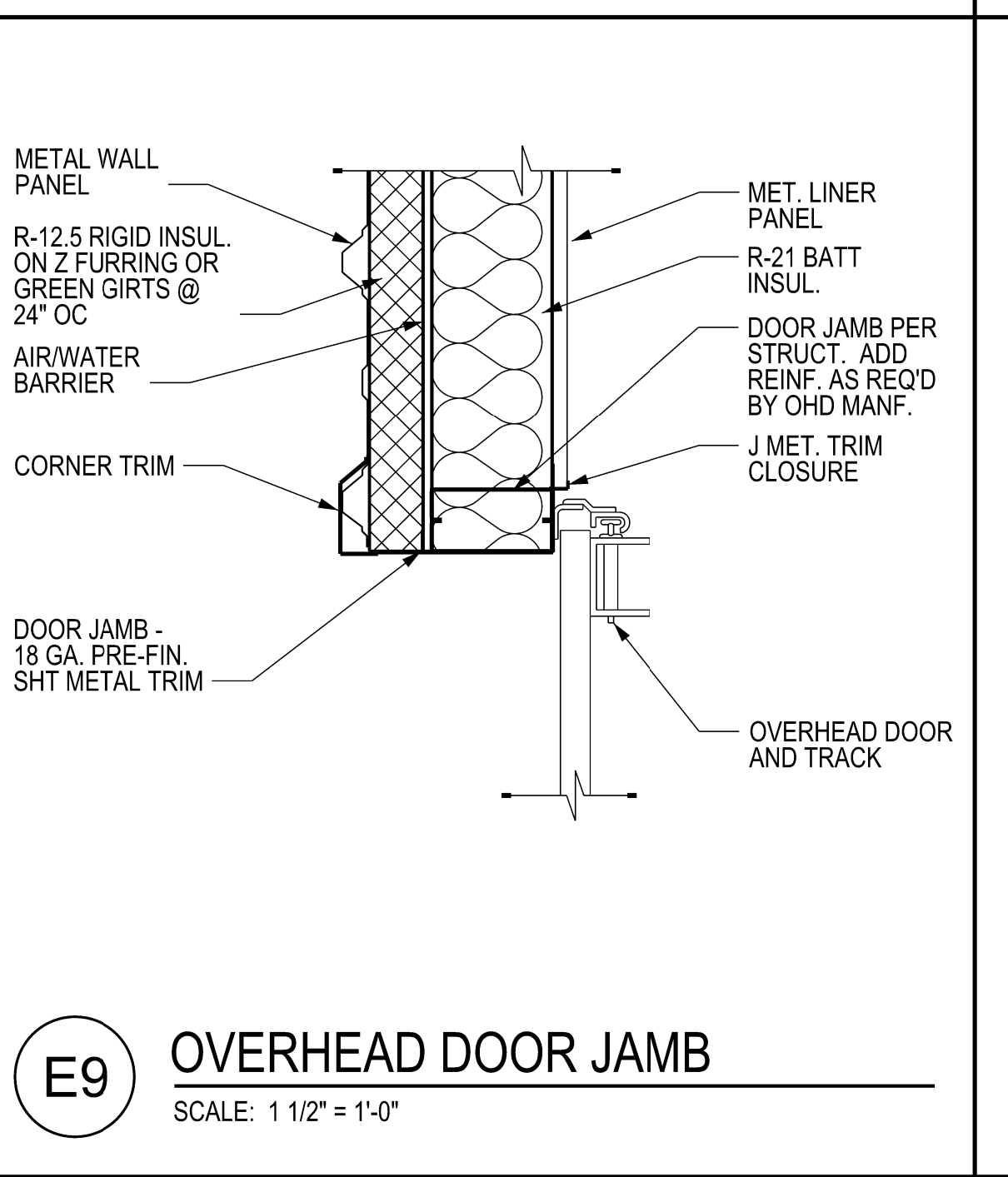
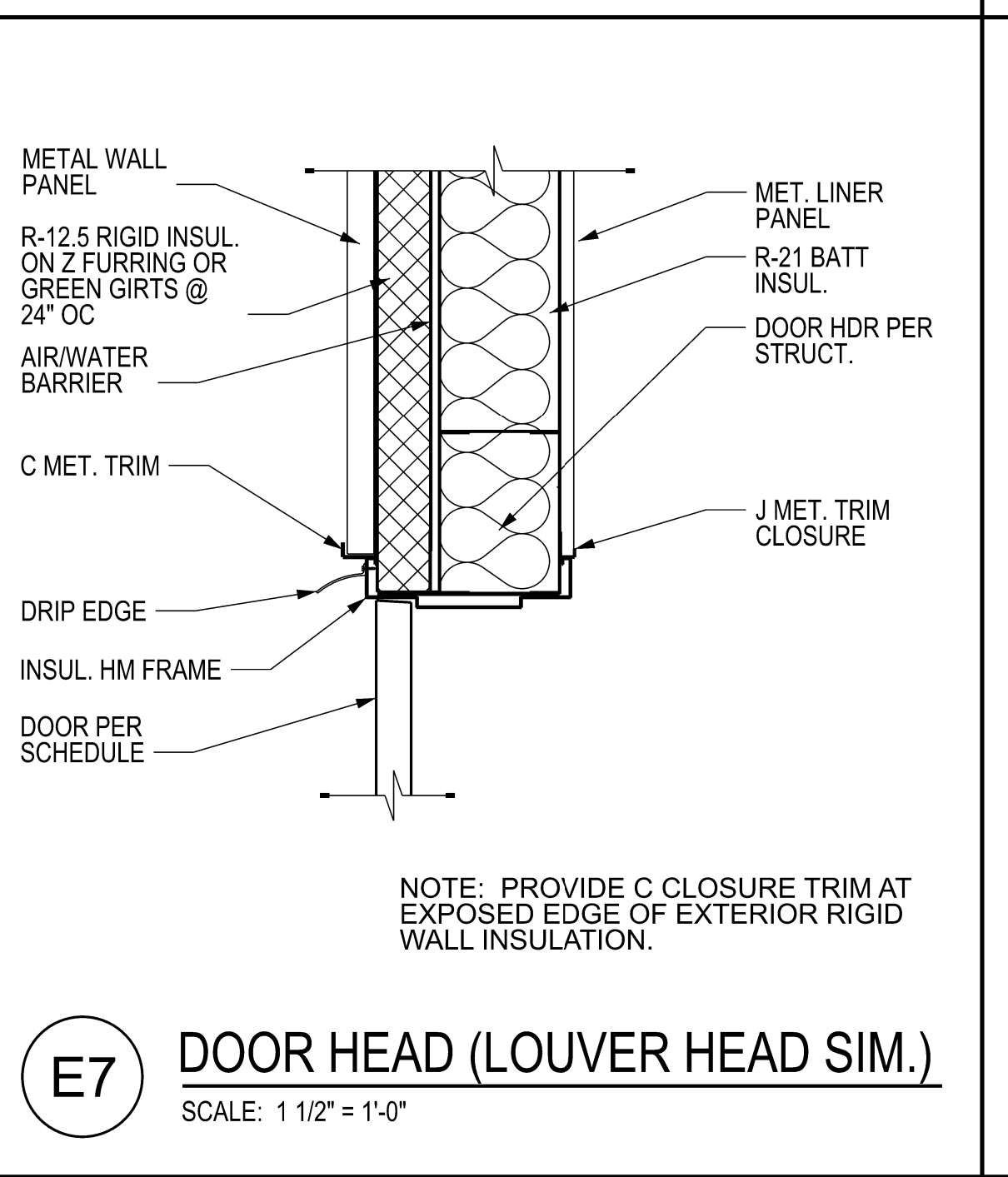
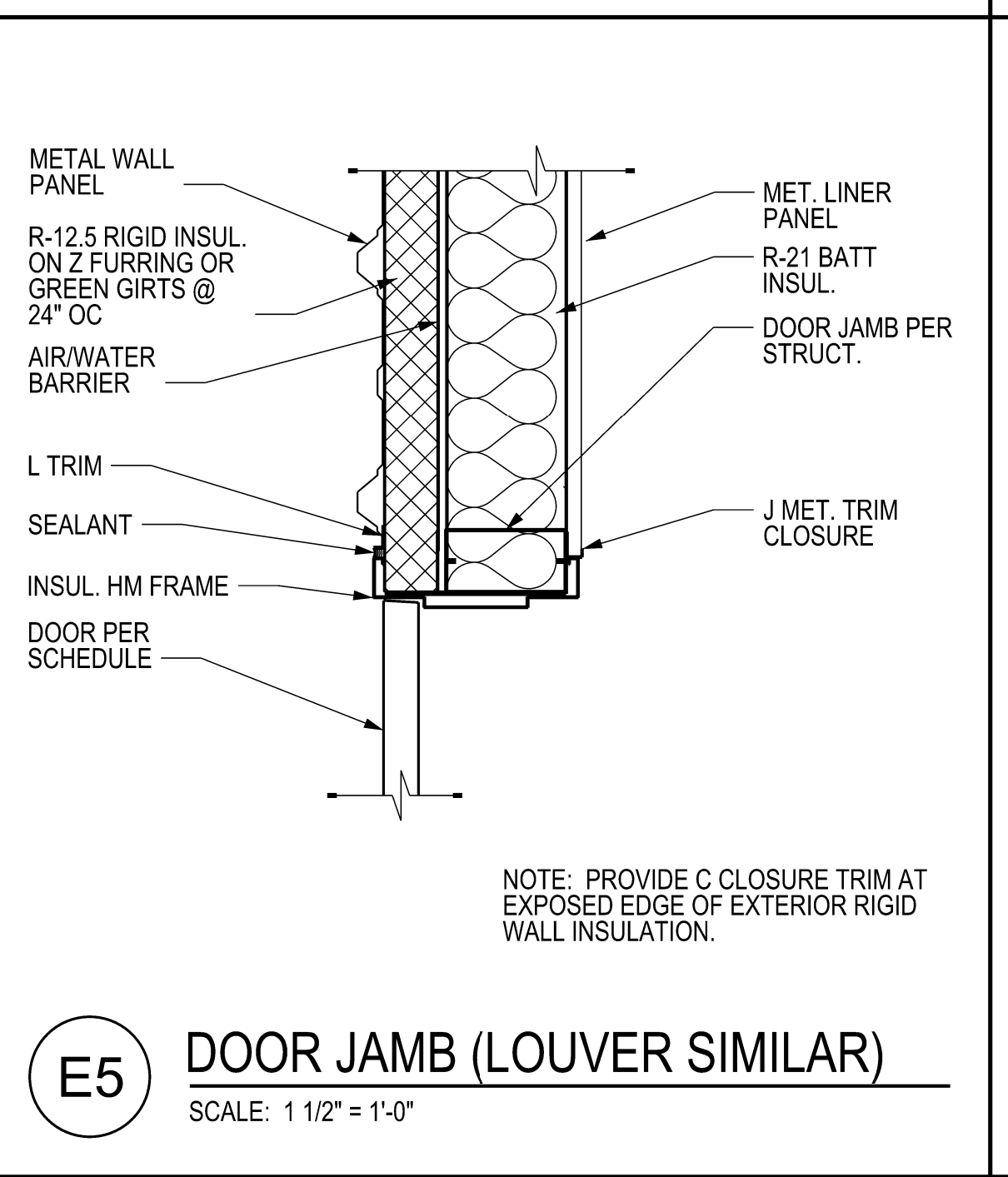
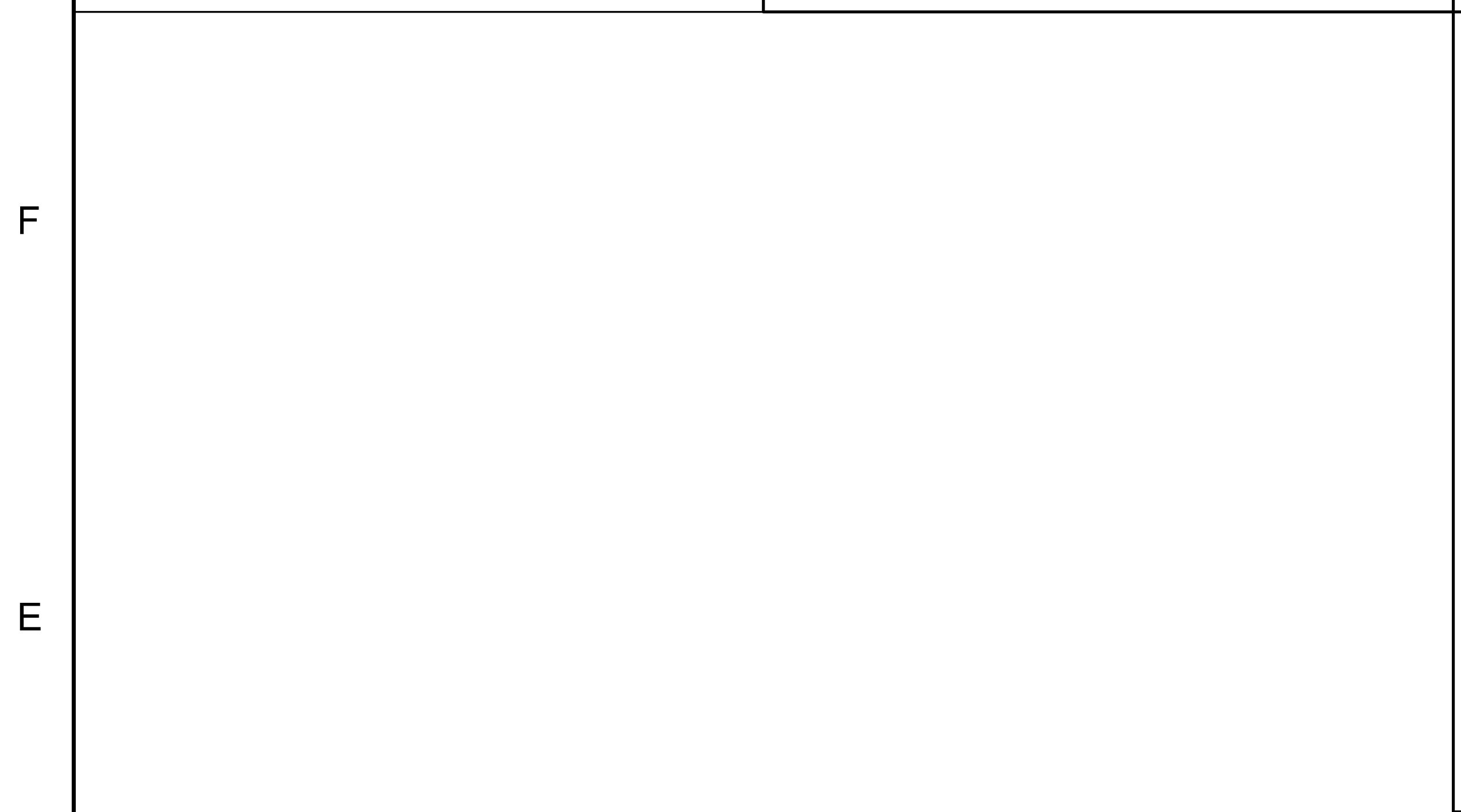
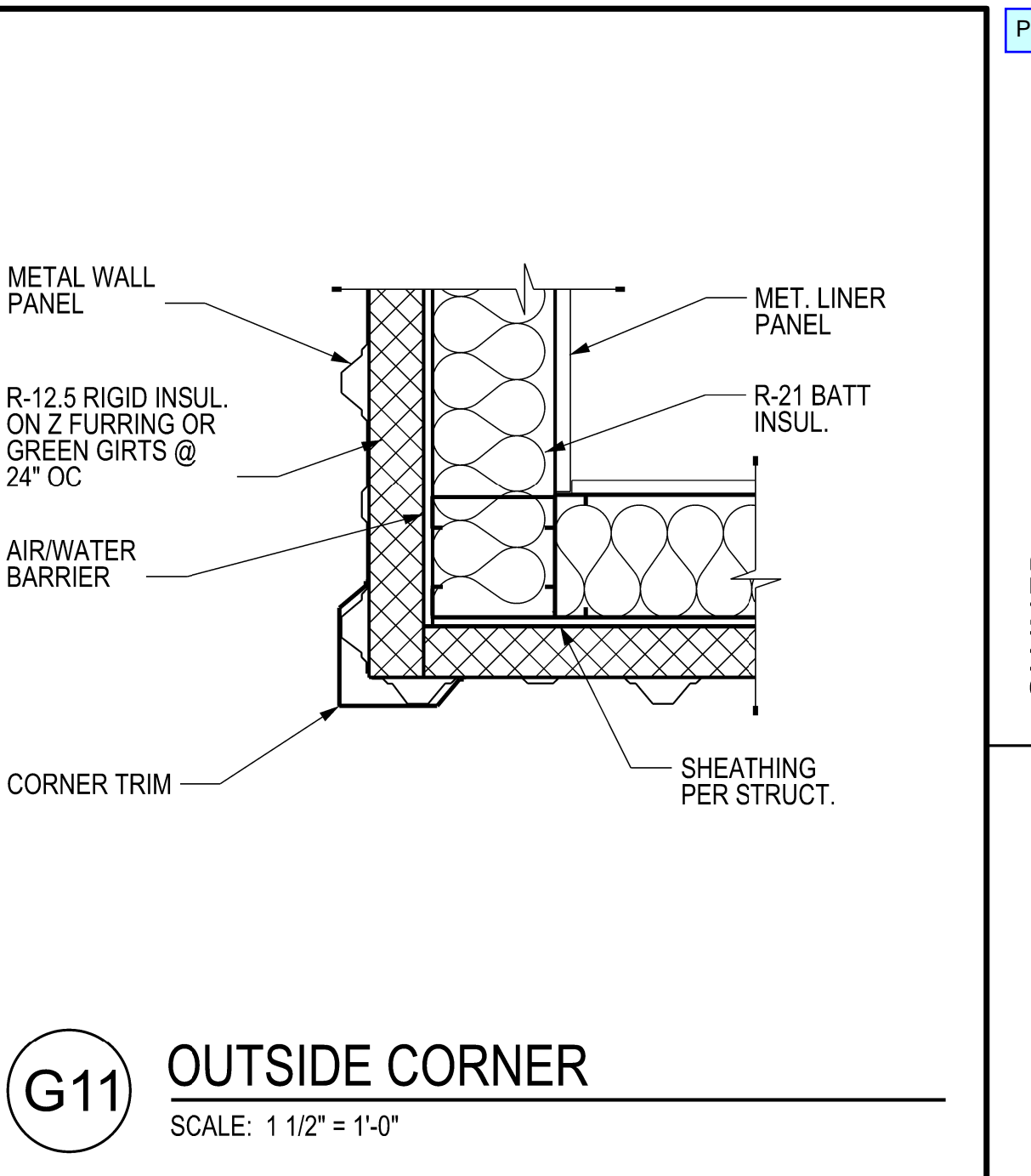
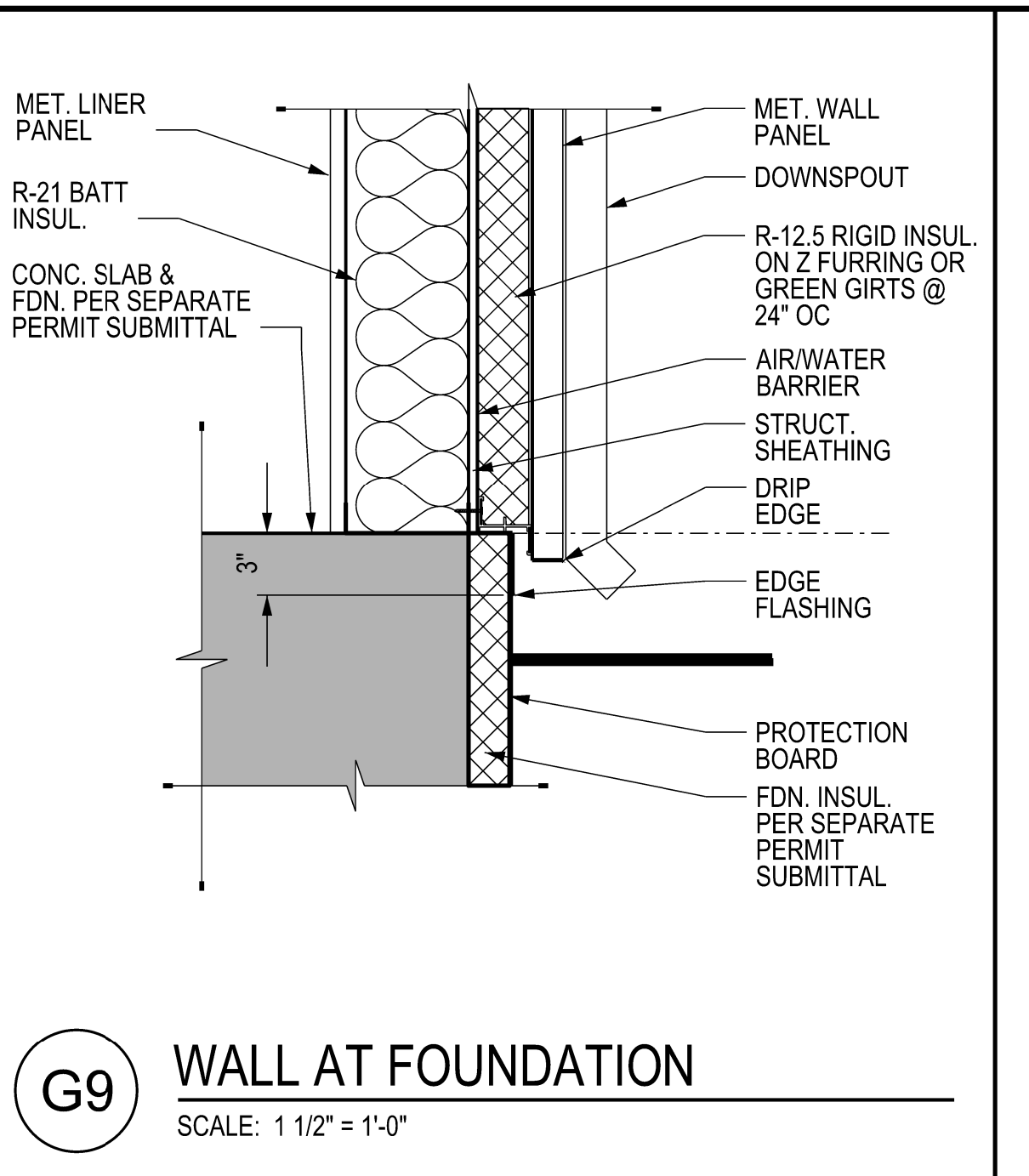
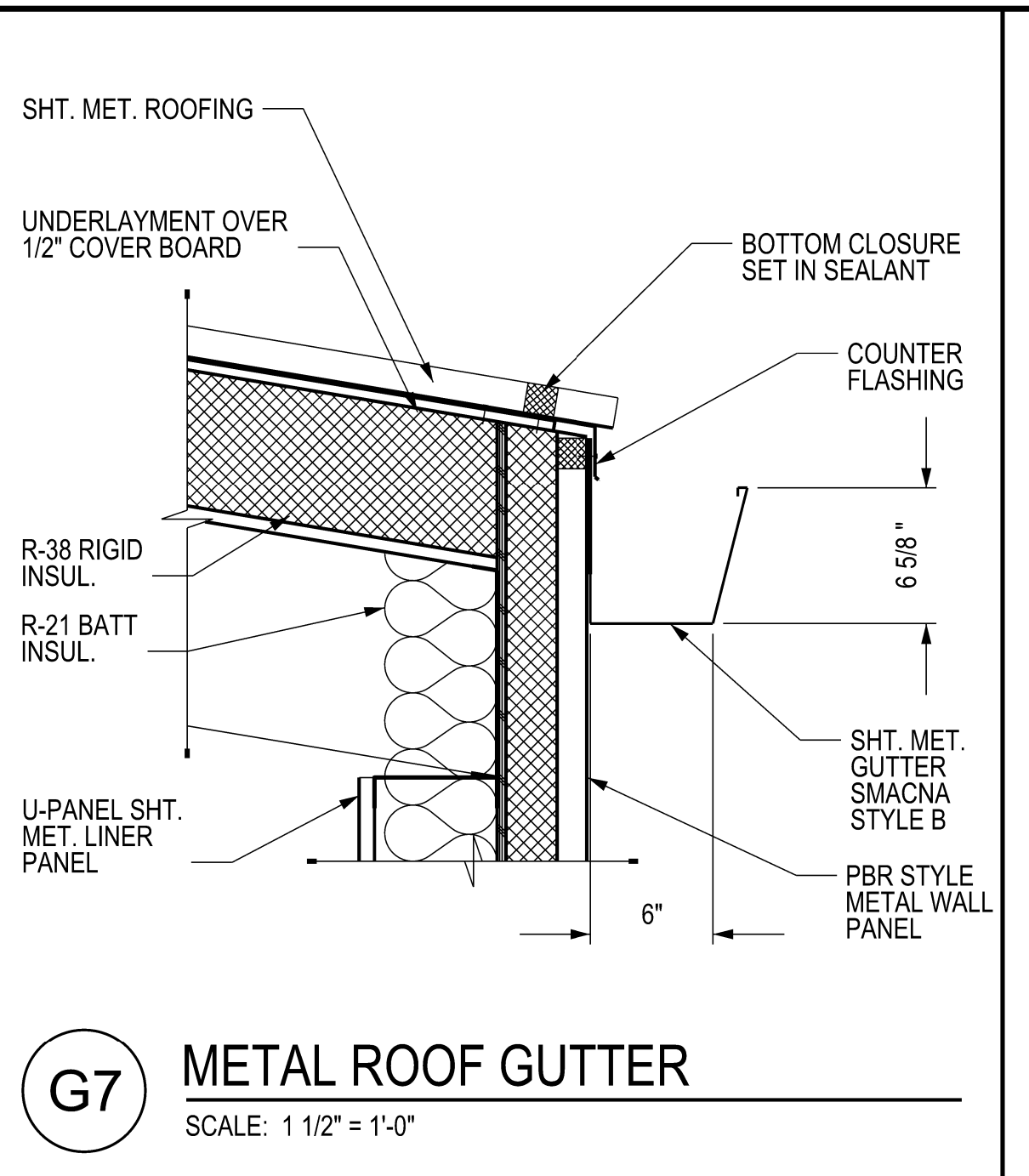
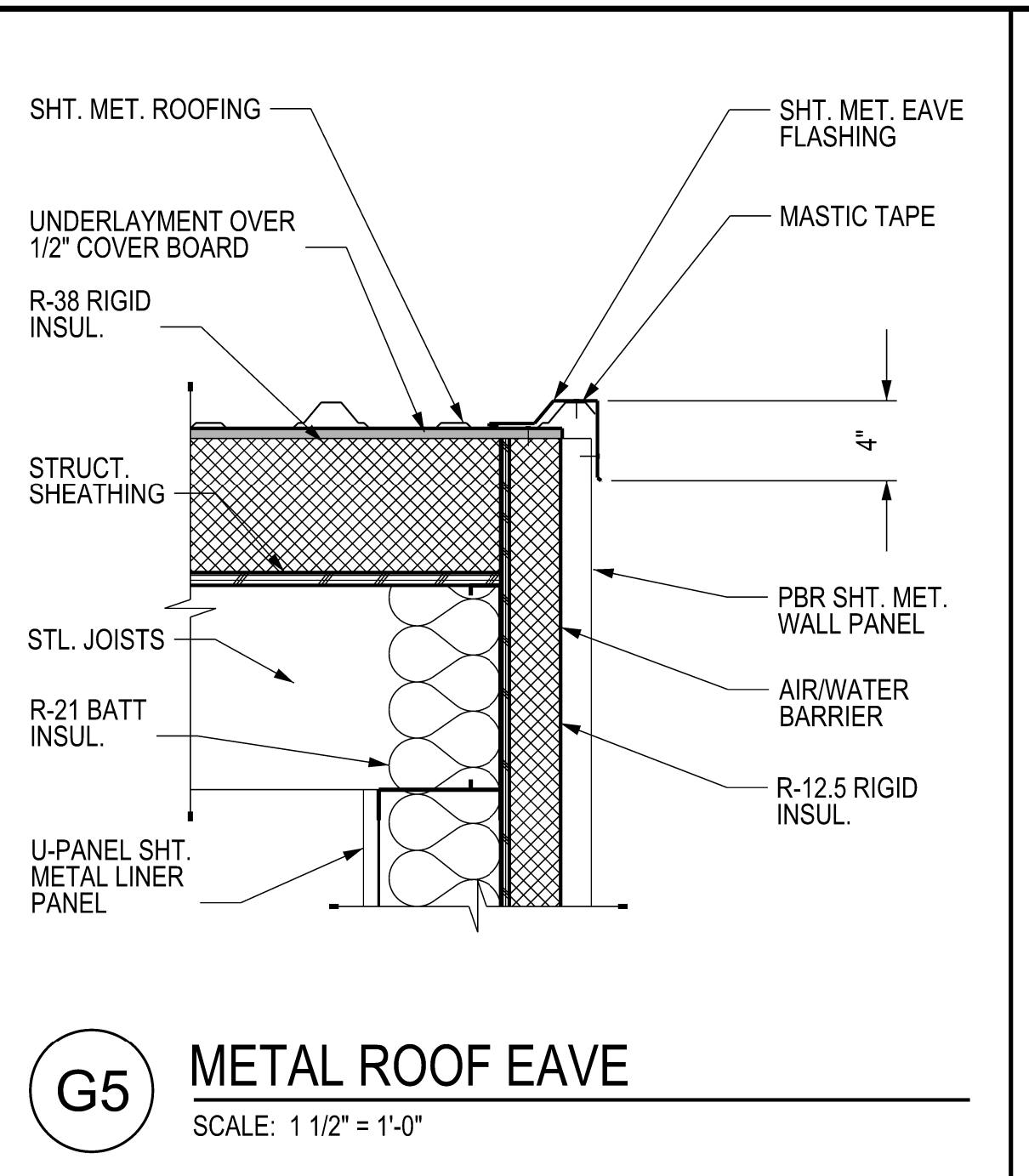
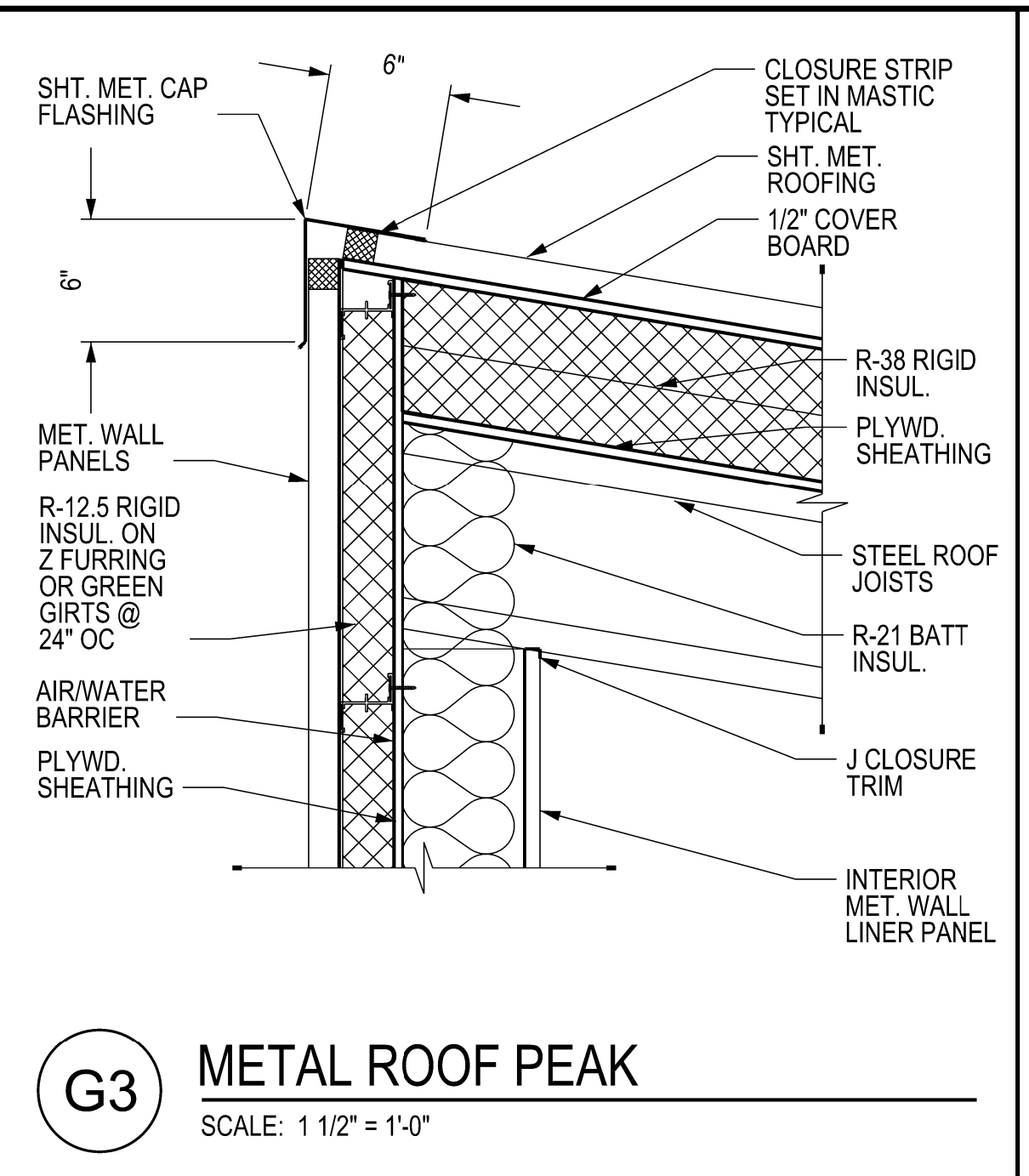
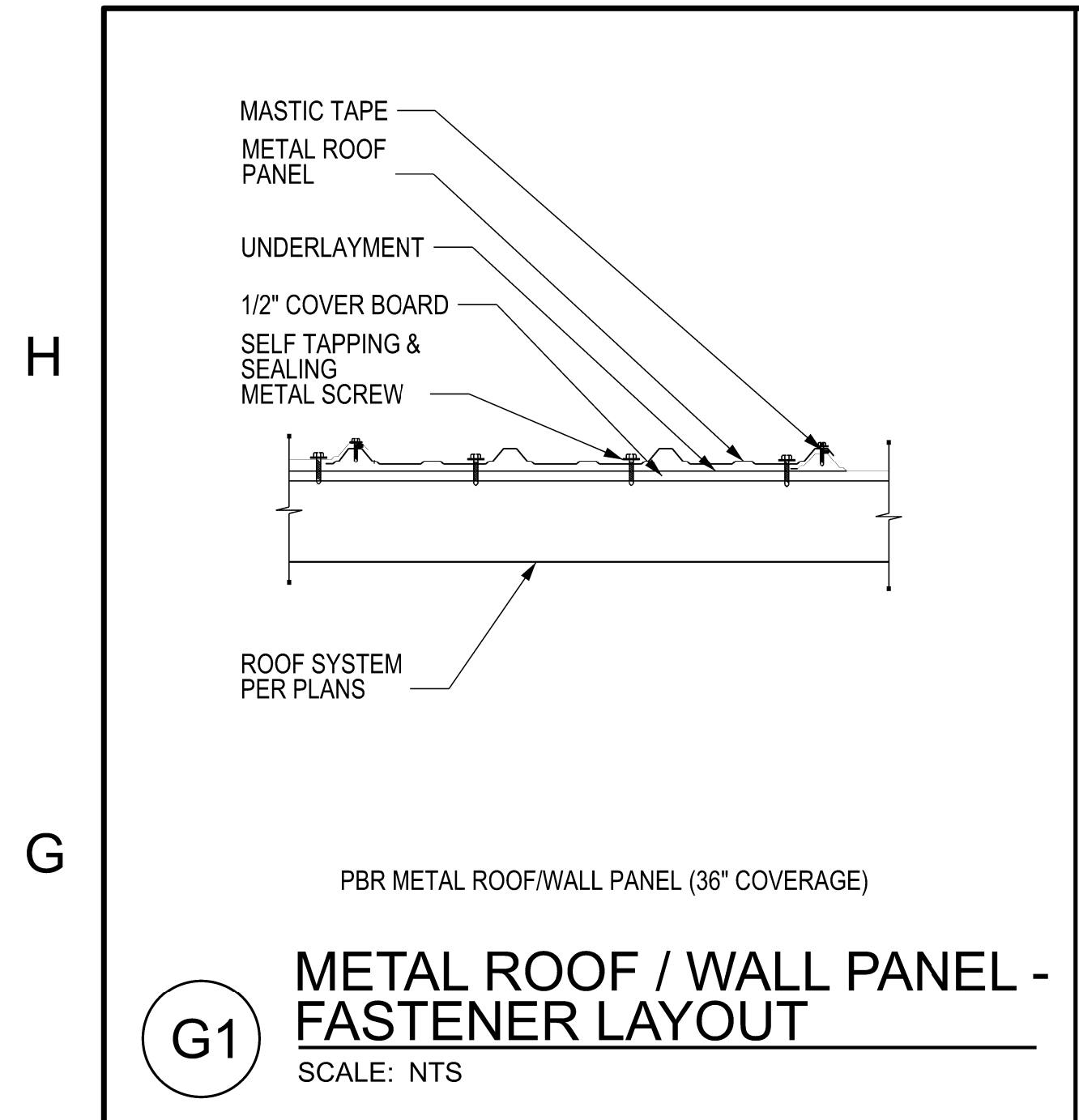
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MV SWITCHGEAR BUILDING

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PERMIT SUBMITTAL
APRIL 18, 2024

SWITCHGEAR BUILDING
EXTERIOR ELEVATIONS
BUILDING SECTION

A-301-13A



OPENING SCHEDULE													
NO.	TYPE	CONFIG.	WIDTH	HEIGHT	MAT.	F.R.	FRAME MAT.	FRAME F.R.	HW.	SILL	JAMB	HEAD	COMMENTS
101	A	SGL	3'-0"	7'-0"	HM	NR	HM-PTD.	NR	1	---	E5/AS01-13A	E7/AS01-13A	
102	B	OHD	9'-0"	10'-0"	STL	NR	STL-PTD.	NR	2	---	E9/AS01-13A	E11/AS01-13A	MANUAL CHAIN OPERATED
103	A	SGL	3'-0"	7'-0"	HM	NR	HM-PTD.	NR	1	---	E5/AS01-13A	E7/AS01-13A	

DOOR TYPES

DOOR HARDWARE SCHEDULE

HW-1 SINGLE NON-RATED

- 1 see Schedule HW-1A, 1A-1, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1I, 1J, 1K, 1L, 1M, 1N, 1O, 1P, 1Q, 1R, 1S, 1T, 1U, 1V, 1W, 1X, 1Y, 1Z
- 2 see Schedule HW-1A, 1A-1, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1I, 1J, 1K, 1L, 1M, 1N, 1O, 1P, 1Q, 1R, 1S, 1T, 1U, 1V, 1W, 1X, 1Y, 1Z
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- 5 see Schedule HW-1A, 1A-1, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1I, 1J, 1K, 1L, 1M, 1N, 1O, 1P, 1Q, 1R, 1S, 1T, 1U, 1V, 1W, 1X, 1Y, 1Z

HW-2 SINGLE OVERHEAD DOOR

HARDWARE BY DOOR MANUFACTURER

- 1 CHAIN LATCH
- 2 JAMB WEATHERSEAL

OVERHEAD SECTIONAL

BASIS OF DESIGN:

OVERHEAD DOOR CORPORATION
MODEL 432 MEDIUM DUTY INSULATED SECTIONAL STEEL DOOR
2" NOM. THICKNESS
EXTERIOR STEEL 24 GA. GALV. ZINC - WHITE PAINTED
INTERIOR COVER: POLY BOND LAMINATE
INSULATION: EXPANDED POLYSTYRENE, R-VALUE: 7.35
U-FACTOR: 0.136
STANDARD BOTTOM WEATHERSTRIPPING
JAMB WEATHERSEALS
CHAIN HOIST OPERATION
SLIDE LATCH BOLT ON INSIDE

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CONSULTANT:
5538 REGISTERED ARCHITECT
LEONARD A. HUFF
STATE OF WASHINGTON

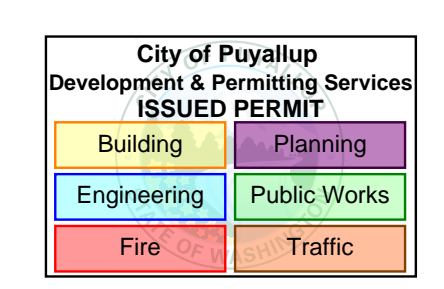
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DETAILS SCHEDULES



A-501-13A