

Project Name: SCF Valley Native Primary Care Center Roof Replacement

Project Number: 231097

20 December 2024

Ms. Kristin Heusser
Project Manager
Southcentral Foundation
kheusser@southcentralfoundation.com

Addendum Number 1 Language

Dear Kristin:

Please issue the following language and attachments as Addendum Number 1.

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated December 3, 2024, as noted below. Acknowledge receipt of this addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This addendum consists of two pages and the following eight attached drawings:

- 1) A131 New Upper Roof Plan -Northwest Sector
- 2) A134 New Upper Roof Plan -Southeast Sector
- 3) A503 Roof Detail
- 4) A505 Roof Details.
- 5) A600 Penetration Schedule
- 6) S001 Wind Uplift Map
- 7) S002 Roof Framing Plans
- 8) S003 Structural Details

CHANGES TO SPECIFICATIONS:

1. Section 07 84 13 – Penetration Firestopping, add new section attached.

CHANGES TO DRAWINGS:

- 2. Sheet A131, Detail 1 New Upper Roof Plan -Northwest Sector, change the location of the roof curb for future EF1-9 as indicated on the attached Sheet A131.
- 3. Sheet A134, Detail 1 New Upper Roof Plan -Southeast Sector, change the location and orientation of the steel for the future MRI chiller and the piping enclosure as indicated on the attached Sheet A134.
- Sheet A503 Roof Details, add detail 2/A503 EF1-9 Curb Detail as shown on the attached Sheet A503.

- 5. Sheet A505, Detail 9 Fall Protection Detail, change the detail and rename the detail as indicated shown on the attached Sheet A505.
- 6. Sheet A600 Penetration Schedule, add EF1-9 curb as shown on the attached Sheet A600.
- 7. Sheet S001 Wind Uplift Map, add attached Sheet S001.
- 8. Sheet S002 Roof Framing Plans, add attached Sheet S002.
- 9. Sheet S003 Structural Details, add attached Sheet S003.

END OF ADDENDUM

Please call if you have questions.

Sincerely,

RIM Architects, LLC

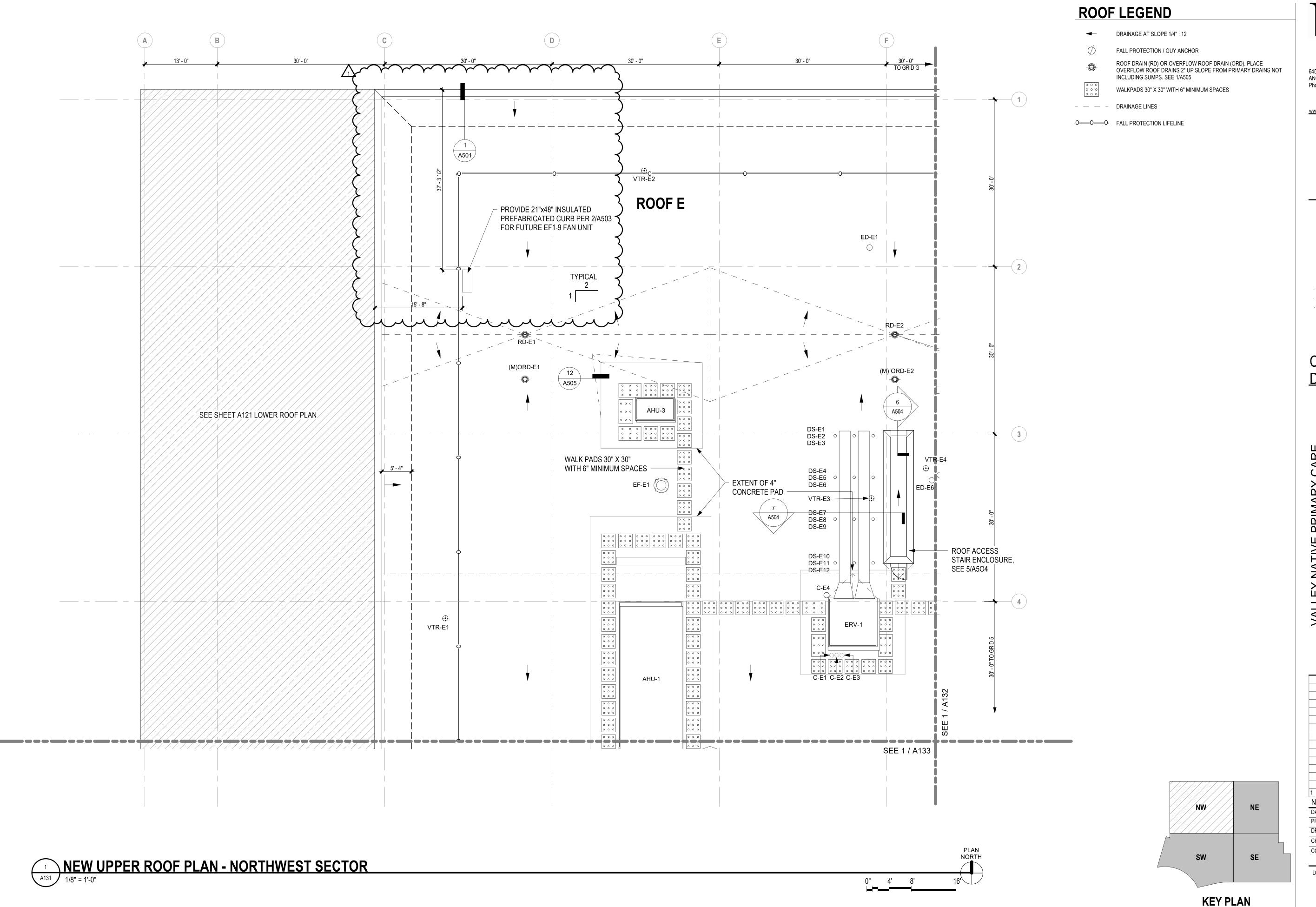
Scott A. Bohne, AIA NCARB CSI CCS CCCA

LEED® Accredited Professional

Principal Architect

SAB/

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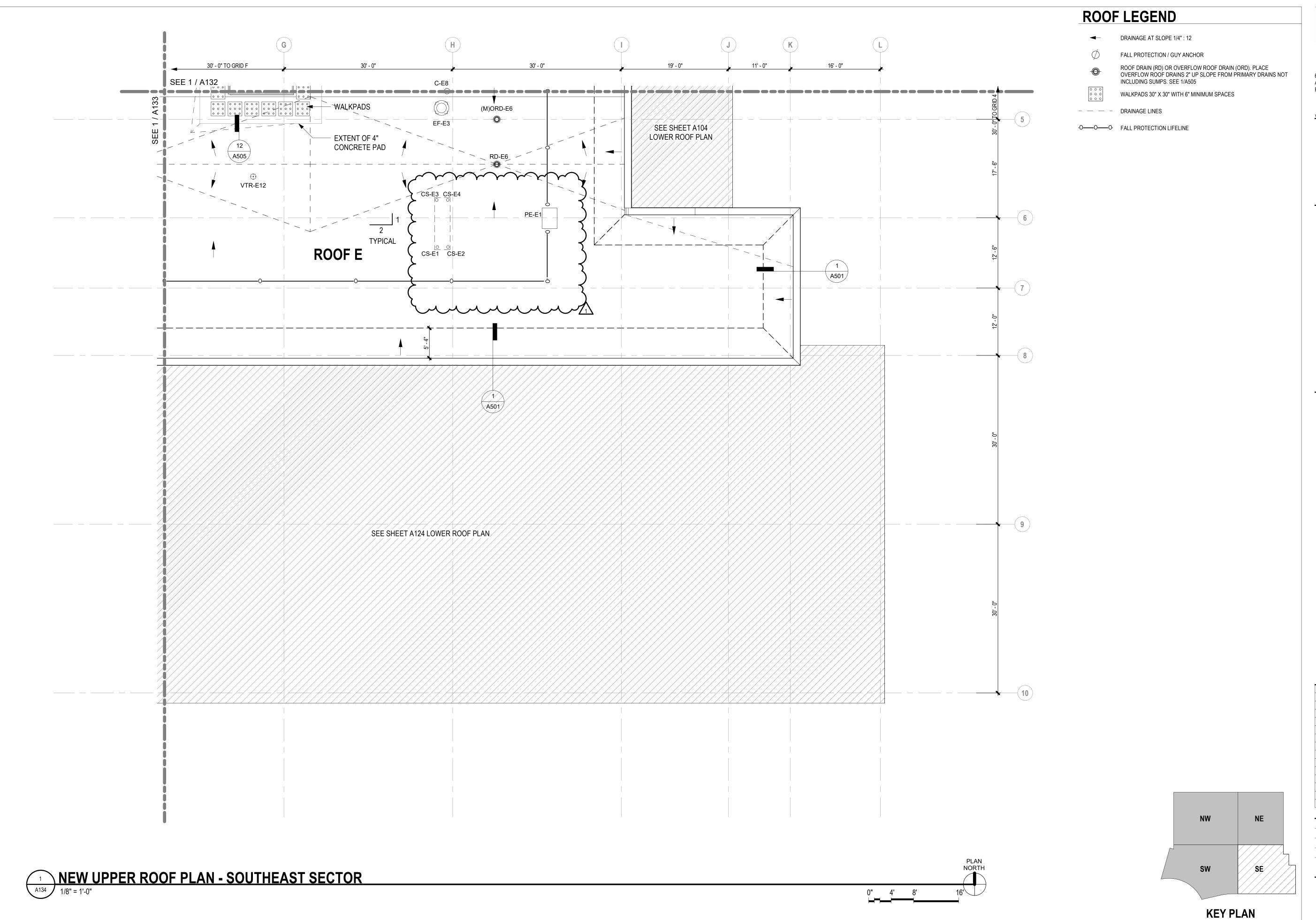
CONSTRUCTION <u>DOCUMENTS</u>

VALLEY NATIVE PRIMARY CARE
CENTER ROOF REPLACEMENT
1001 S KNIK GOOSE BAY RD,
WASILLA, AK 99654
SOUTHCENTRAL FOUNDATION
NEW UPPER ROOF PLAN - NORTH
SECTOR

ADDENDUM 1 12.20.2024 NO DESCRIPTION DATE DATE 2024.12.03 PROJECT NO: 231097 DRAWN BY

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CONSTRUCTION **DOCUMENTS**

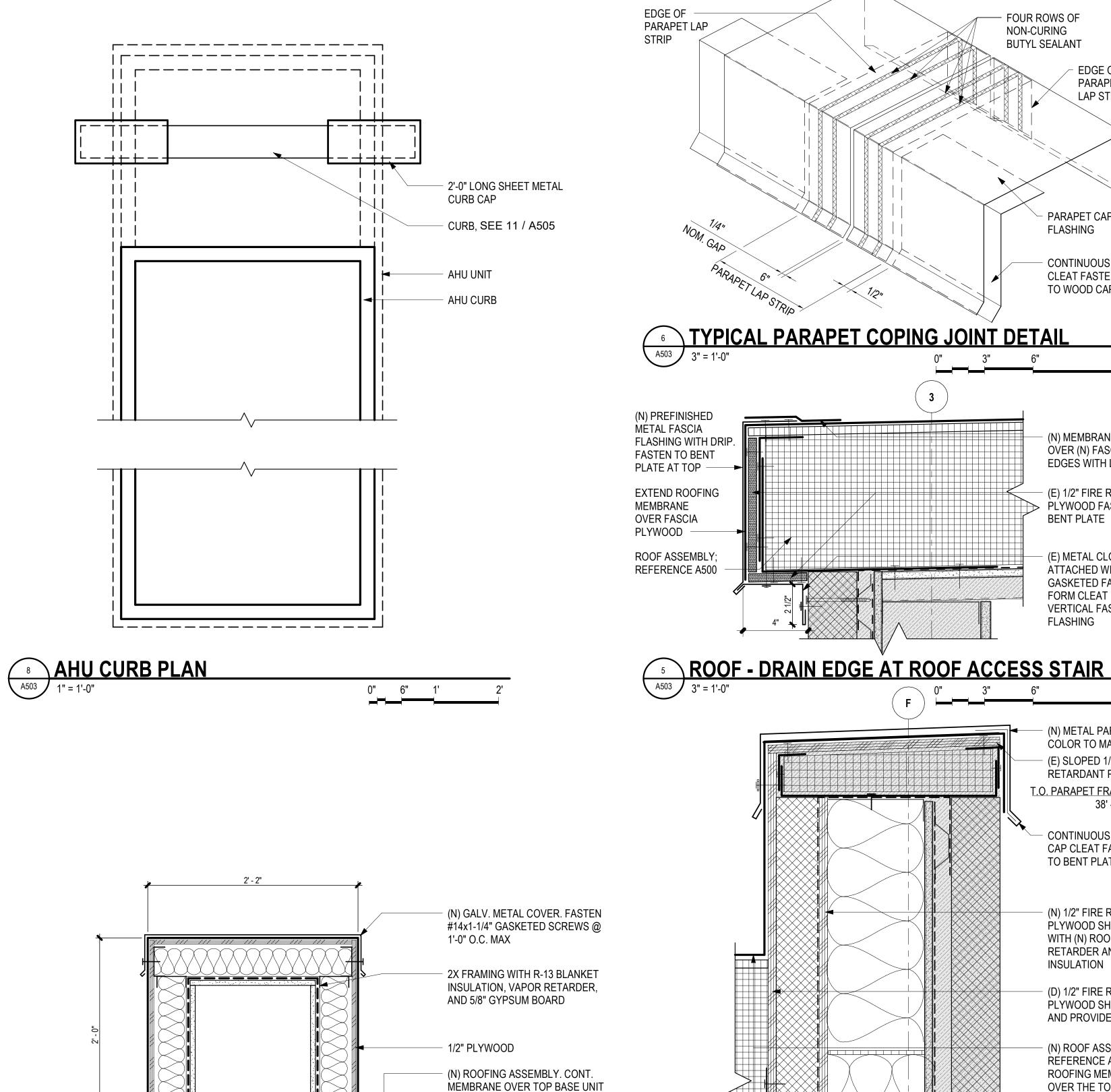
VALLEY NATIVE PRIMARY CARE
CENTER ROOF REPLACEMENT
1001 S KNIK GOOSE BAY RD,
WASILLA, AK 99654
SOUTHCENTRAL FOUNDATION
NEW UPPER ROOF PLAN - SOUTH
SECTOR

12.20.2024 ADDENDUM 1 NO DESCRIPTION DATE

DATE : 2024.12.03 2024.12.03 231097 PROJECT NO:

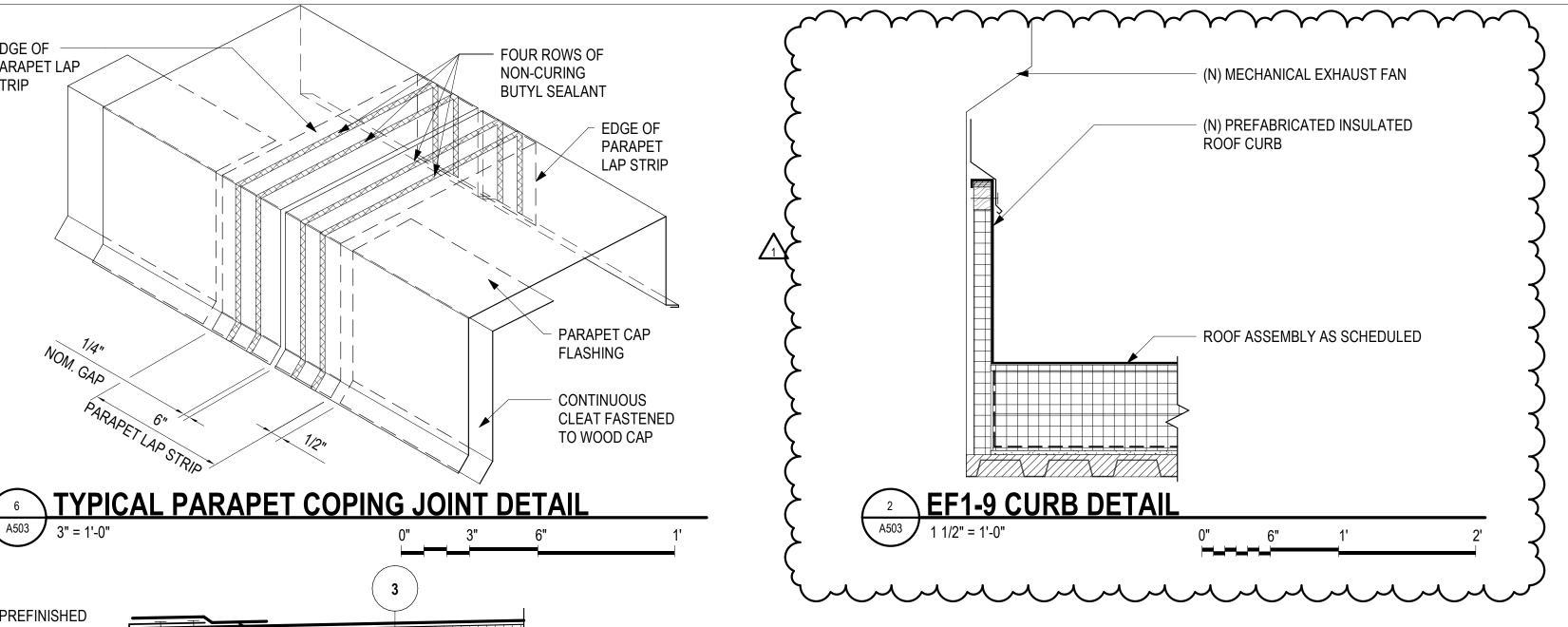
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(E) STEEL DECK

HVAC BASE FOR FUTURE UNIT
1 1/2" = 1'-0"



(N) MEMBRANE FLASHING STRIP

OVER (N) FASCIA METAL. SEAL

EDGES WITH LAP SEALANT

(E) 1/2" FIRE RETARDANT

PLYWOOD FASTENED TO

(E) METAL CLOSURE

GASKETED FASTENERS

(N) METAL PARAPET CAP, COLOR TO MATCH SIDING

(E) SLOPED 1/2" FIRE RÉTARDANT PLYWOOD

T.O. PARAPET FRAMING 38' - 6 1/2"

CONTINUOUS PARAPET CAP CLEAT FASTENED

(N) 1/2" FIRE RETARDANT

PLYWOOD SHEATHING

WITH (N) ROOF VAPOR

RETARDER AND (N) RIGID

(D) 1/2" FIRE RETARDANT

PLYWOOD SHEATHING

AND PROVIDE NEW

(N) ROOF ASSEMBLY;

RÉFERENCE A500. EXTEND

ROOFING MEMBRANE UP AND

OVER THE TOP OF PARAPET

PROVIDE MINERAL WOOL INSULATION WITH SPRAY

APPLIED SEALANT ON

WALL SHEATHING

ROOF - PARAPET AT ROOF ACCESS STAIR

A503 3" = 1'-0"

TOP FROM STEEL TO (E)

TO BENT PLATE

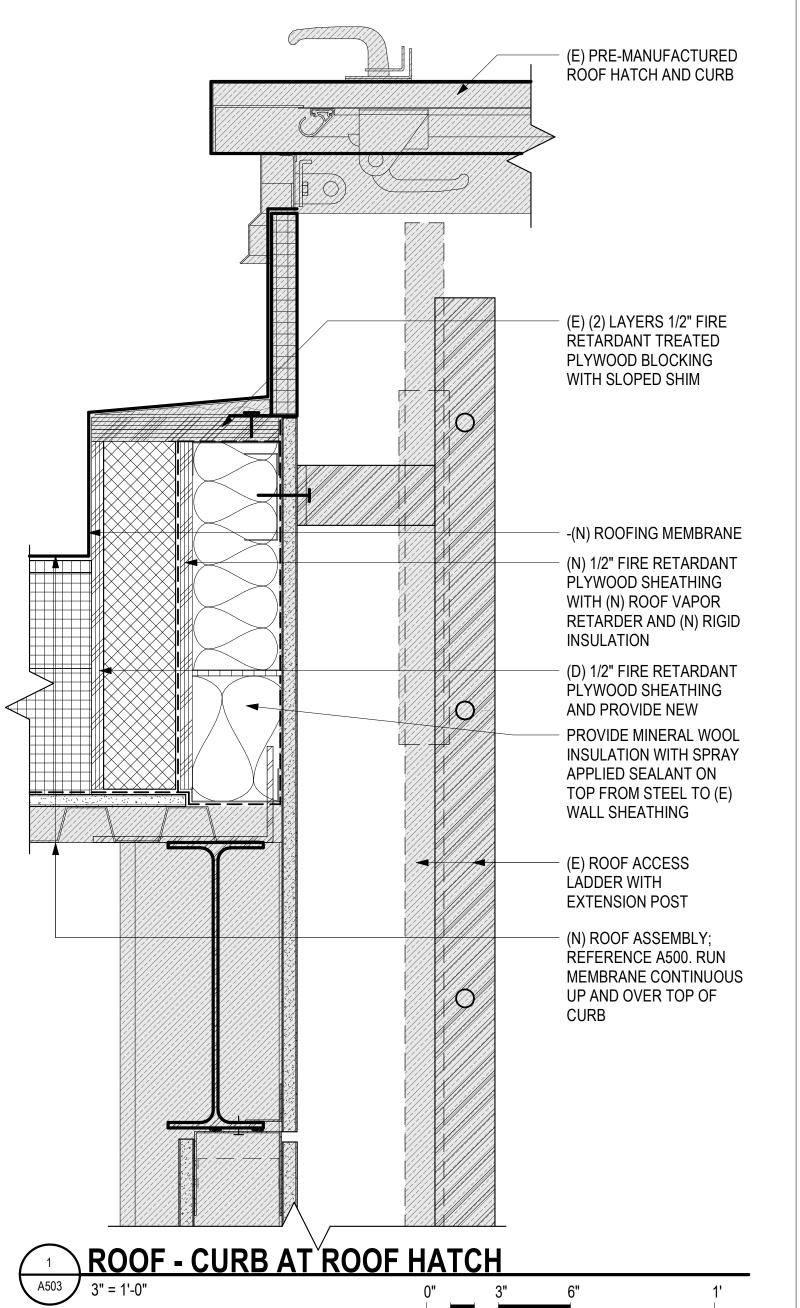
INSULATION

ÀTTACHED WITH

FORM CLEAT FOR VERTICAL FASCIA

FLASHING

BENT PLATE



CONSTRUCTION <u>DOCUMENTS</u>

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Phone: 907.258.7777

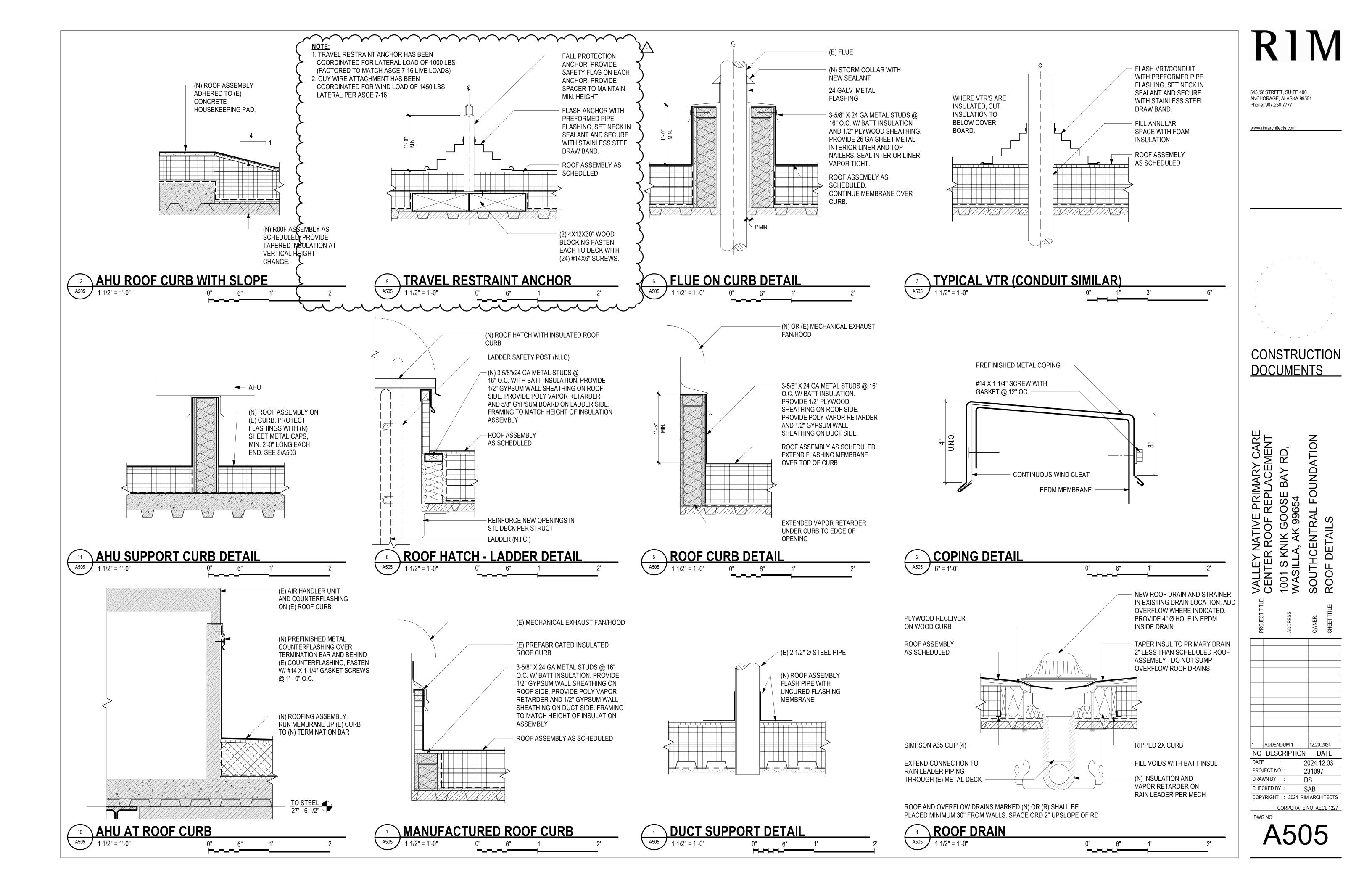
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VALLEY NATIVE PRIMARY CARE
CENTER ROOF REPLACEMENT
1001 S KNIK GOOSE BAY RD,
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SOUTHCENTRAL FOUNDATION
ROOF DETAILS

ADDENDUM 1 12.20.2024 NO DESCRIPTION DATE 2024.12.03 PROJECT NO 231097 DRAWN BY DS CHECKED BY SAB

DWG NO: A503

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PENETRATION SCHEDULE								
ROOF SE	ECTION A							
MARK	SIZE (IN.)	HEIGHT (IN.)	NECK (IN.)	DETAIL	NOTES			
VENT-THROU	JGH-ROOFS			'				
VTR-A1	4" DIA	24"		3/A505	CAST IRON			
	·		·	·				
FAN EXHAUS	Γ							
EF-A1	21"X21"	6"		7A/505	(E) FAN ON CURB DETAIL			
ROOF ACCES	S HATCH							
AH-A1	38"X44'	12"	30"X36"	1/A503	EXISTING HATCH WITH NEW GUARDRAIL			
ROOF SE	ECTION B							
NO PENETRATIONS								

ROOF SE	SIZE (IN.)	HEIGHT (IN.)	NECK (IN.)	DETAIL	NOTES
VENT-THROU	\ /	TILIOTTI (IIV.)	TVLOTT (IIV.)	DE I7 (IE	ING 120
VTR-C1	4" DIA	26 1/2"		3/A505	CAST IRON
VTR-C2	4" DIA	25 1/2"		3/A505	CAST IRON
VTR-C3	4" DIA	21 1/2"		3/A505	CAST IRON
	,			'	
EXHAUST DU	CTS				
ED-C1	18"X18"	15 1/2"	14"X14"	7/A505	
ED-C2	16"X16"	6 1/4"	12"X12"	7/A505	
ED-C3	12"X12"	29 3/4"	16"X16"	7/A505	
EXHAUST FAI	N				
EF-C1		10 1/2"	23"X23"	7/A505	
CONDUITS					
C-C1	1" DIA.	20 1/4"			ABANDONED, DEMO
C-C2	1" DIA.	18 3/4"		3/A505	POWER OUTLET
ROOF ACCES	S HATCH				
AH-C1	34"X58"	12"	30"X54"	8/A505	NEW HATCH WITH NEW GUARDRAIL

MARK	TION E				
JENIT TUDOUOL	SIZE (IN.)	HEIGHT (IN	.) NECK (IN.)	DETAIL	NOTES
/ENT-THROUGH					
/TR-E1	4" DIA	23 1/4"		3/A505	CAST IRON
/TR-E2	4" DIA	19 1/4"		3/A505	CAST IRON
/TR-E3	4" DIA	26 1/2"		3/A505	CAST IRON
/TR-E4	4" DIA	25 1/2"		3/A505	CAST IRON
VTR-E5	4" DIA	25"		3/A505	CAST IRON
VTR-E6	4" DIA	21"		3/A505	CAST IRON
√TR-E7	4" DIA	30"		3/A505	CAST IRON
VTR-E8	4" DIA	29"		3/A505	CAST IRON
/TR-E9	4" DIA	24"		3/A505	CAST IRON
VTR-E10	4" DIA	23"		3/A505	CAST IRON
VTR-E11	4" DIA	29"		3/A505	CAST IRON
/TR-E12	4" DIA	29"		3/A505	CAST IRON
	1			i ciri i ciri	
EXHAUST/INTAK	(E DUCTS				
ED-E1	4" DIA.	25 1/4"		6/A505	PVC PIPE
ED-E2	16"X16"	10 1/4"	8" DIA.	6/A505	
ED-E3	8" DIA.	10 3/4"	8" DIA.	6/A505	
ED-E4	8" DIA.	10 3/4"	8" DIA.	6/A505	
ED-E5	18"X18"	11 3/4"	12"X12"	6/A505 SIM.	
ED-E6	4" DIA.	24"		6/A505	PVC PIPE
ED-E7	4" DIA.	24"		6/A505	PVC PIPE
ED-E8	4" DIA.	24"		6/A505	PVC PIPE
ED-E9	4" DIA.	24"		6/A505	PVC PIPE
ED-E10	4" DIA	24"		6/A505	FLUE/DUCT (E) DUCT PVC PIPE
ED-E11	4" DIA.	25 1/4"		6/A505	FLUE/DUCT (E) DUCT PVC PIPE
				•	-
FLUES					
F-E1	16"X16"	11"	8" DIA.	6/A505	
F-E1	16"X16"	11"	8" DIA.	6/A505	
F-E1	16"X16"	11"	8" DIA.	6/A505	
	10 / 10		O B / t.	0111000	
EXHAUST FANS					
		C 4/0"		7/4505	COF FAMILE 7
EF-E1 EF-E3	21"X21"	6 1/2"		7/A505	SCF FAN EF-7
	21"X21"	11"		7/A505	SCF FAN EF-4
EF-W	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			TVA505	YSCF TANYERS
EF1-9	21"X48"	EST 18"		2-A503	NEW CURB FOR FUTURE FAN
VENT PIPE					
V-E1	6" DIA.	27 3/4"		3/A505	
AIR HANDELER	UNITS				
	313"X135"	21 1/2"		10/A505	
AHU-1	149"x7 1/2"	16 3/4"		11/A505	
AHU-2	317"X135"	22 1/4"		10/A505	
AHU-3	84"X50"	17"		10/A505	
ERV-1	149"X7 1/2" 111"X111"	17 1/2" 9"		11/A505 10/A505	
<u> </u>				10/A303	
DUCT SUPPORT	S				
DS-E1	2 1/2" DIA	37 3/4"		4/A505	
DS-E2	2 1/2" DIA	37 3/4"		4/A505	
	1				
DS-E3	2 1/2" DIA	37 3/4"		4/A505	
DS-E4	2 1/2" DIA	36"		4/A505	
DS-E5	2 1/2" DIA	36"		4/A505	
DS-E6	2 1/2" DIA	36"		4/A505	
	2 1/2" DIA	34"		4/A505	
		34"	1	4/A505	1
DS-E7 DS-E8	2 1/2" DIA				
DS-E8 DS-E9	2 1/2" DIA	34"		4/A505	
DS-E8 DS-E9 DS-E10	2 1/2" DIA 2 1/2" DIA	34" 32"		4/A505 4/A505	
DS-E8 DS-E9 DS-E10 DS-E11	2 1/2" DIA 2 1/2" DIA 2 1/2" DIA	34" 32" 32"		4/A505 4/A505 4/A505	
DS-E8 DS-E9 DS-E10	2 1/2" DIA 2 1/2" DIA	34" 32"		4/A505 4/A505	
DS-E8 DS-E9 DS-E10 DS-E11	2 1/2" DIA 2 1/2" DIA 2 1/2" DIA	34" 32" 32"		4/A505 4/A505 4/A505	
DS-E8 DS-E9 DS-E10 DS-E11	2 1/2" DIA 2 1/2" DIA 2 1/2" DIA	34" 32" 32"		4/A505 4/A505 4/A505	
DS-E8 DS-E9 DS-E10 DS-E11 DS-E12	2 1/2" DIA 2 1/2" DIA 2 1/2" DIA	34" 32" 32"		4/A505 4/A505 4/A505	
DS-E8 DS-E9 DS-E10 DS-E11 DS-E12 CONDUITS	2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 2 1/2" DIA	34" 32" 32" 32"		4/A505 4/A505 4/A505 4/A505	
DS-E8 DS-E9 DS-E10 DS-E11 DS-E12 CONDUITS C-E1 C-E2	2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 1" DIA.	34" 32" 32" 32" 32"		4/A505 4/A505 4/A505 4/A505 3/A505	
DS-E8 DS-E9 DS-E10 DS-E11 DS-E12 CONDUITS C-E1 C-E2 C-E3	2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 1" DIA. 1" DIA. 1" DIA.	34" 32" 32" 32" 32" 13" 13"		4/A505 4/A505 4/A505 4/A505 3/A505 3/A505 3/A505	
DS-E8 DS-E9 DS-E10 DS-E11 DS-E12 CONDUITS C-E1 C-E2 C-E3 C-E4	2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 1" DIA. 1" DIA. 1" DIA. 2" DIA.	34" 32" 32" 32" 32" 13" 13" 13" 19 1/2"		4/A505 4/A505 4/A505 4/A505 3/A505 3/A505 3/A505 3/A505	SOLAR CELL
DS-E8 DS-E9 DS-E10 DS-E11 DS-E12 CONDUITS C-E1 C-E2 C-E3 C-E4 C-E5	2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 1" DIA. 1" DIA. 1" DIA. 2" DIA. 1" DIA.	34" 32" 32" 32" 32" 13" 13" 13" 19 1/2" 36 3/4"		4/A505 4/A505 4/A505 4/A505 3/A505 3/A505 3/A505 3/A505 3/A505	SOLAR CELL
DS-E8 DS-E9 DS-E10 DS-E11 DS-E12 CONDUITS C-E1 C-E2 C-E3 C-E4 C-E5 C-E8	2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 1" DIA. 1" DIA. 1" DIA. 2" DIA. 1" DIA. 1" DIA.	34" 32" 32" 32" 32" 13" 13" 13" 19 1/2" 36 3/4" 21 1/2"		4/A505 4/A505 4/A505 4/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505	
DS-E8 DS-E9 DS-E10 DS-E11 DS-E12 CONDUITS C-E1 C-E2 C-E3 C-E4 C-E5 C-E8 C-E6	2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 1" DIA. 1" DIA. 1" DIA. 2" DIA. 1" DIA. 1" DIA.	34" 32" 32" 32" 32" 13" 13" 13" 19 1/2" 36 3/4" 21 1/2" 18 1/2"		4/A505 4/A505 4/A505 4/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505	CONVENIENCE OUTLET
DS-E8 DS-E9 DS-E10 DS-E11 DS-E12 CONDUITS C-E1 C-E2 C-E3 C-E4 C-E5 C-E8 C-E6	2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 1" DIA. 1" DIA. 1" DIA. 2" DIA. 1" DIA. 1" DIA.	34" 32" 32" 32" 32" 13" 13" 13" 19 1/2" 36 3/4" 21 1/2"		4/A505 4/A505 4/A505 4/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505	
DS-E8 DS-E9 DS-E10 DS-E11 DS-E12 CONDUITS C-E1 C-E2 C-E3 C-E4 C-E5 C-E8 C-E6 C-E7	2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 1" DIA. 1" DIA. 1" DIA. 1" DIA. 1" DIA. 1" DIA. 1" DIA.	34" 32" 32" 32" 32" 13" 13" 13" 19 1/2" 36 3/4" 21 1/2" 18 1/2"		4/A505 4/A505 4/A505 4/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505	CONVENIENCE OUTLET
DS-E8 DS-E9 DS-E10 DS-E11 DS-E12 CONDUITS C-E1 C-E2 C-E3 C-E4 C-E5 C-E8 C-E6 C-E7	2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 1" DIA. 1" DIA. 1" DIA. 1" DIA. 1" DIA. 1" DIA. 1" DIA.	34" 32" 32" 32" 32" 13" 13" 19 1/2" 36 3/4" 21 1/2" 18 1/2" 19 1/2"		4/A505 4/A505 4/A505 4/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505	CONVENIENCE OUTLET ABANDONED, DEMO.
DS-E8 DS-E9 DS-E10 DS-E11 DS-E12 CONDUITS C-E1 C-E2 C-E3 C-E4 C-E5 C-E8 C-E6 C-E7 ABANDONED CUAB-E1	2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 1" DIA. 1" DIA. 1" DIA. 1" DIA. 1" DIA. 1" DIA. 1" DIA.	34" 32" 32" 32" 32" 13" 13" 13" 19 1/2" 36 3/4" 21 1/2" 18 1/2" 19 1/2"		4/A505 4/A505 4/A505 4/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505	CONVENIENCE OUTLET ABANDONED, DEMO. DEMOLISH
DS-E8 DS-E9 DS-E10 DS-E11 DS-E12 CONDUITS C-E1 C-E2 C-E3 C-E4 C-E5 C-E8 C-E6 C-E7 ABANDONED CUAB-E1	2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 1" DIA. 1" DIA. 1" DIA. 1" DIA. 1" DIA. 1" DIA. 1" DIA.	34" 32" 32" 32" 32" 13" 13" 19 1/2" 36 3/4" 21 1/2" 18 1/2" 19 1/2"		4/A505 4/A505 4/A505 4/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505	CONVENIENCE OUTLET ABANDONED, DEMO.
DS-E8 DS-E9 DS-E10 DS-E11 DS-E12 CONDUITS C-E1 C-E2 C-E3 C-E4 C-E5 C-E8 C-E6 C-E7 ABANDONED CUAB-E1	2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 1" DIA. 1" DIA. 1" DIA. 1" DIA. 1" DIA. 1" DIA. 1" DIA.	34" 32" 32" 32" 32" 13" 13" 13" 19 1/2" 36 3/4" 21 1/2" 18 1/2" 19 1/2"		4/A505 4/A505 4/A505 4/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505	CONVENIENCE OUTLET ABANDONED, DEMO. DEMOLISH
DS-E8 DS-E9 DS-E10 DS-E11 DS-E12 CONDUITS C-E1	2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 1" DIA. 1" DIA. 1" DIA. 1" DIA. 1" DIA. 1" DIA. 1" DIA.	34" 32" 32" 32" 32" 13" 13" 13" 19 1/2" 36 3/4" 21 1/2" 18 1/2" 19 1/2"		4/A505 4/A505 4/A505 4/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505	CONVENIENCE OUTLET ABANDONED, DEMO. DEMOLISH
DS-E8 DS-E9 DS-E10 DS-E11 DS-E12 CONDUITS C-E1 C-E2 C-E3 C-E4 C-E5 C-E8 C-E6 C-E7 ABANDONED CU AB-E1 AB-E2	2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 2 1/2" DIA 1" DIA. 1" DIA. 1" DIA. 1" DIA. 1" DIA. 1" DIA. 1" DIA.	34" 32" 32" 32" 32" 13" 13" 13" 19 1/2" 36 3/4" 21 1/2" 18 1/2" 19 1/2"		4/A505 4/A505 4/A505 4/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505	CONVENIENCE OUTLET ABANDONED, DEMO. DEMOLISH
DS-E8 DS-E9 DS-E10 DS-E11 DS-E12 CONDUITS C-E1 C-E2 C-E3 C-E4 C-E5 C-E6 C-E6 C-E7 ABANDONED CUAB-E1 AB-E2 CHILLER SUPPO	2 1/2" DIA 1" DIA. 4" DIA. 1" DIA. 1" DIA. 4" DIA. 1" DIA. 4" DIA.	34" 32" 32" 32" 32" 13" 13" 13" 19 1/2" 36 3/4" 21 1/2" 18 1/2" 19 1/2" 7" 7" 7"		4/A505 4/A505 4/A505 4/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505 4/A505 SIM.	CONVENIENCE OUTLET ABANDONED, DEMO. DEMOLISH DEMOLISH NEW
DS-E8 DS-E9 DS-E10 DS-E11 DS-E12 CONDUITS C-E1 C-E2 C-E3 C-E4 C-E5 C-E8 C-E6 C-E7 ABANDONED CUAB-E1 AB-E2 CHILLER SUPPO	2 1/2" DIA 1" DIA. 4" DIA. 1" DIA. 4" DIA. 4 1/2" DIA.	34" 32" 32" 32" 32" 32" 13" 13" 13" 19 1/2" 36 3/4" 21 1/2" 18 1/2" 19 1/2" 7" 7" 7" 7"		4/A505 4/A505 4/A505 4/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505 4/A505 SIM. 4/A505 SIM.	CONVENIENCE OUTLET ABANDONED, DEMO. DEMOLISH DEMOLISH NEW NEW
DS-E8 DS-E9 DS-E10 DS-E11 DS-E12 CONDUITS C-E1 C-E2 C-E3 C-E4 C-E5 C-E6 C-E7 ABANDONED CU AB-E1 AB-E2 CHILLER SUPPO CS-E1 CS-E2 CS-E3	2 1/2" DIA 1" DIA. 4" DIA. 1" DIA. 4" DIA. 1" DIA. 4" DIA. 4 1/2" DIA.	34" 32" 32" 32" 32" 13" 13" 13" 19 1/2" 36 3/4" 21 1/2" 18 1/2" 19 1/2" 7" 7" 7" 12" 12" 12"		4/A505 4/A505 4/A505 4/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505 4/A505 SIM. 4/A505 SIM.	CONVENIENCE OUTLET ABANDONED, DEMO. DEMOLISH DEMOLISH NEW NEW NEW
DS-E8 DS-E9 DS-E10 DS-E11 DS-E12 CONDUITS C-E1 C-E2 C-E3 C-E4 C-E5 C-E8 C-E6 C-E7 ABANDONED CUAB-E1 AB-E2 CHILLER SUPPO	2 1/2" DIA 1" DIA. 4" DIA. 1" DIA. 4" DIA. 4 1/2" DIA.	34" 32" 32" 32" 32" 32" 13" 13" 13" 19 1/2" 36 3/4" 21 1/2" 18 1/2" 19 1/2" 7" 7" 7" 7"		4/A505 4/A505 4/A505 4/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505 4/A505 SIM. 4/A505 SIM.	CONVENIENCE OUTLET ABANDONED, DEMO. DEMOLISH DEMOLISH NEW NEW
DS-E8 DS-E9 DS-E10 DS-E11 DS-E12 CONDUITS C-E1 C-E2 C-E3 C-E4 C-E5 C-E8 C-E6 C-E7 ABANDONED CUAB-E1 AB-E2 CHILLER SUPPO CS-E1 CS-E2 CS-E3	2 1/2" DIA 1" DIA. 4" DIA. 1" DIA. 1" DIA. 4" DIA. 1" DIA. 4" DIA. 4 1/2" DIA. 4 1/2" DIA.	34" 32" 32" 32" 32" 13" 13" 13" 19 1/2" 36 3/4" 21 1/2" 18 1/2" 19 1/2" 7" 7" 7" 12" 12" 12"		4/A505 4/A505 4/A505 4/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505 3/A505 4/A505 SIM. 4/A505 SIM.	CONVENIENCE OUTLET ABANDONED, DEMO. DEMOLISH DEMOLISH NEW NEW NEW

NO PENETRATIONS

ROOF SECTION F

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CONSTRUCTION

<u>DOCUMENTS</u>

VALLEY NATIVE PRIMARY CARE CENTER ROOF REPLACEMENT 1001 S KNIK GOOSE BAY RD, WASILLA, AK 99654
SOUTHCENTRAL FOUNDATION PENETRATION SCHEDULE

12.20.2024 1 ADDENDUM 1
 NO
 DESCRIPTION
 DATE

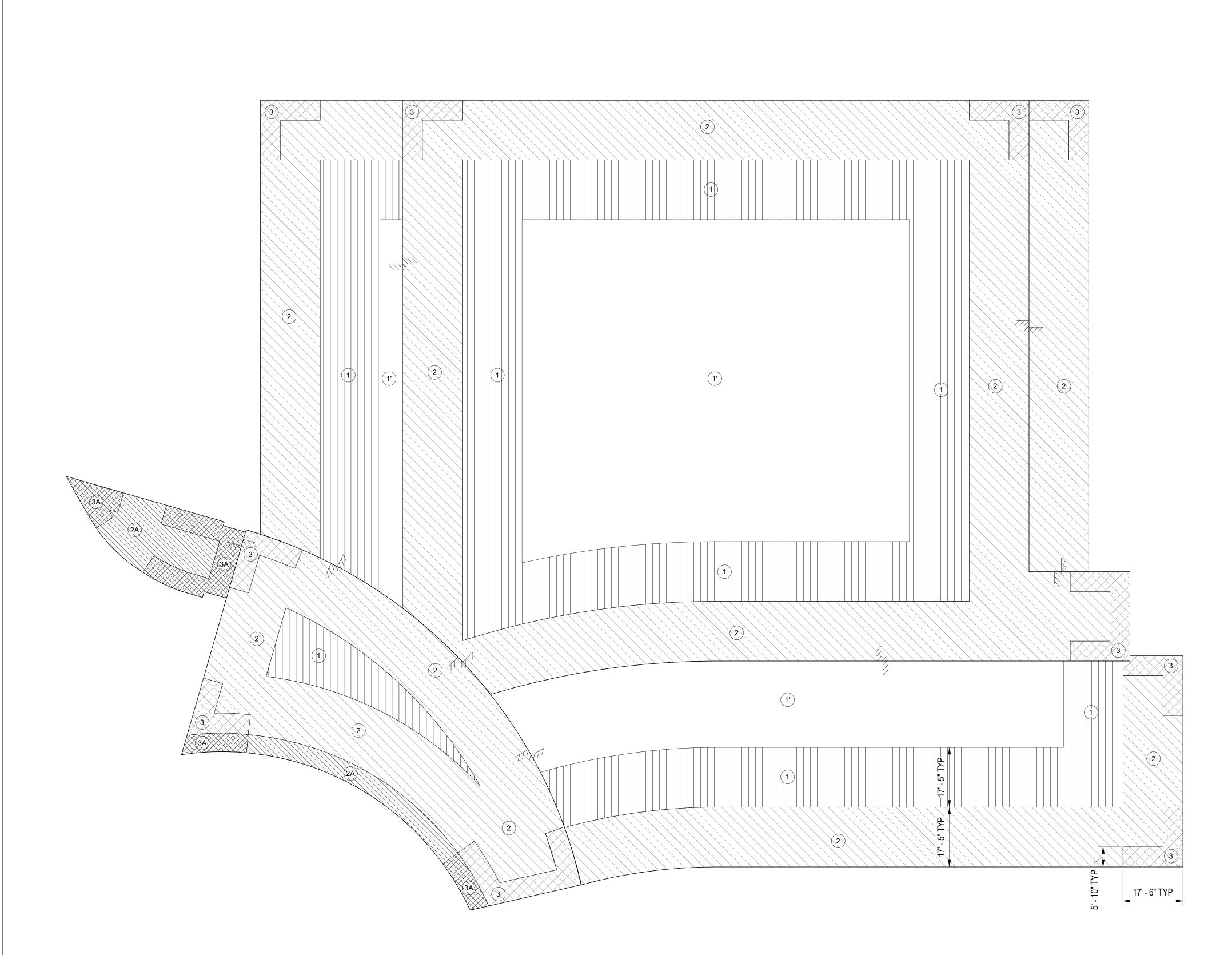
 DATE
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 2024.12.03

 PROJECT NO :
 231097

2024.12.03 231097 DS DRAWN BY CHECKED BY: COPYRIGHT : 2024 RIM ARCHITECTS

DWG NO:

CORPORATE NO. AECL 1227



FM GLOBAL REQUIRED RATINGS ROOF ZONE 1' ZONE 1 ZONE 2 ZONE 3 1-105 ROOF A 1-60 1-75 1-135

1-105

1-105

1-120

1-120

1-75

1-75

1-75

1-90

1-90

N/A

1-60

1-60

1-60

1-60

1-135

1-135

1-135

1-150

1-150

COMPONENTS & CLADDING WIND LOADS							
ZONE	10 SF	20 SF	50 SF	100 SF			
1 - MAIN INTERIOR ROOF	-49 PSF	-46 PSF	-41 PSF	-38 PSF			
1A - MAIN INT OVERHANG	-44 PSF	-43 PSF	-42 PSF	-42 PSF			
1' - CENTRAL INTERIOR	-28 PSF	-28 PSF	-28 PSF	-28 PSF			
1'A - CENTRAL INTERIOR OVERHANG	-44 PSF	-43 PSF	-42 PSF	-42 PSF			
2 - ROOF EDGE	-64 PSF	-60 PSF	-55 PSF	-51 PSF			
2A - ROOF EDGE OVERHANG	-60 PSF	-54 PSF	-47 PSF	-41 PSF			
3 - ROOF CORNER	-88 PSF	-79 PSF	-69 PSF	-60 PSF			
3A - CORNER OVERHANG	-83 PSF	-73 PSF	-61 PSF	-51 PSF			
4 - INTERIOR WALL	-30 PSF	-29 PSF	-27 PSF	-26 PSF			
5 - WALL EDGE	-37 PSF	-35 PSF	-32 PSF	-29 PSF			

ROOF B

ROOF C

ROOF D

ROOF E

ROOF F

- NOTES:
 THE WIND LOADS LISTED ABOVE ARE GROSS AND ARE TO BE USED WITH LOAD COMBINATIONS IN ASCE 7-16.
 DEAD LOAD FOR JOISTS & TRUSSES RESISTING WIND UPLIFT SHALL BE 10 PSF.
 THE DISTANCE "a" IS EQUAL TO 17'-5" AS SHOWN IN THE COMPONENTS & CLADDING FIGURES IN ASCE 7-10.

RIM

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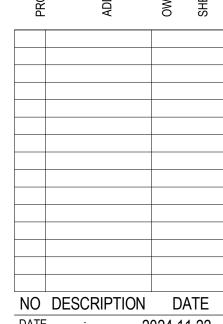


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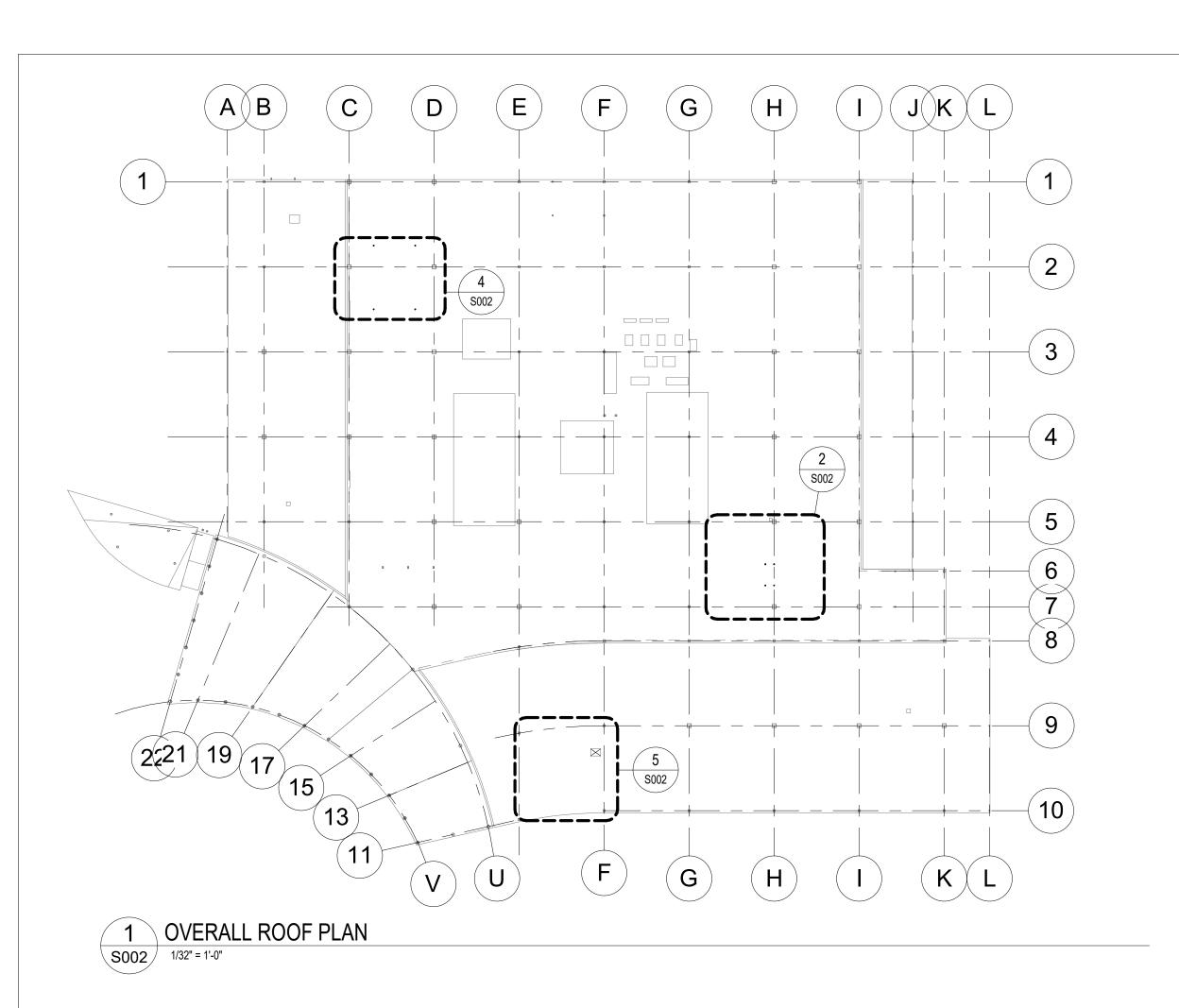
VALLEY NATIVE PRIMARY CARE CENTER ROOF REPLACEMENT 1001 S KNIK GOOSE BAY RD, WASILLA, AK 99654 SOUTHCENTRAL F WIND UPLIFT MAP

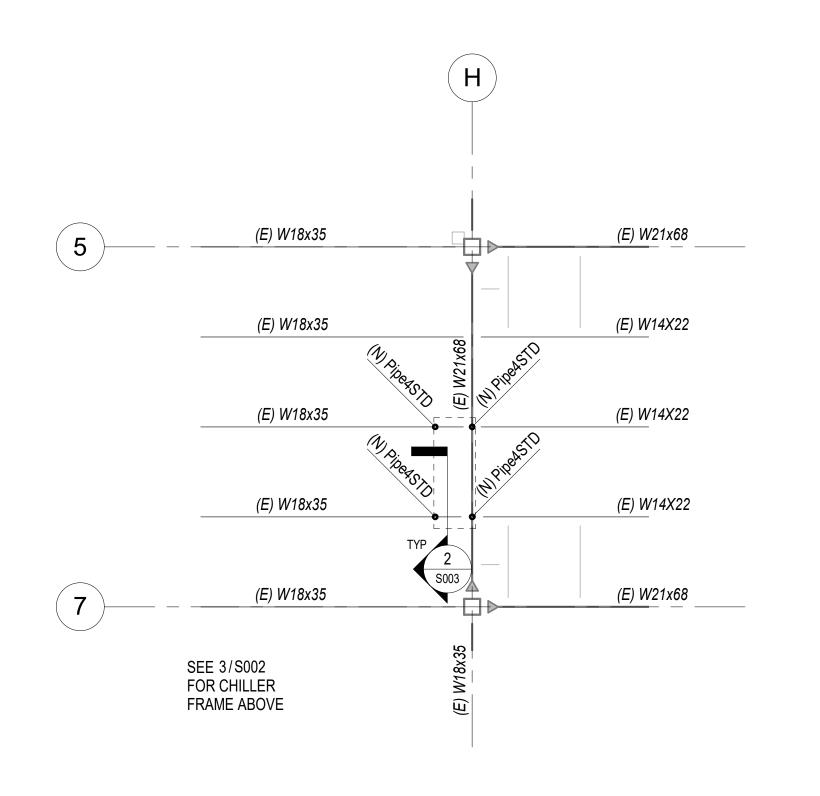


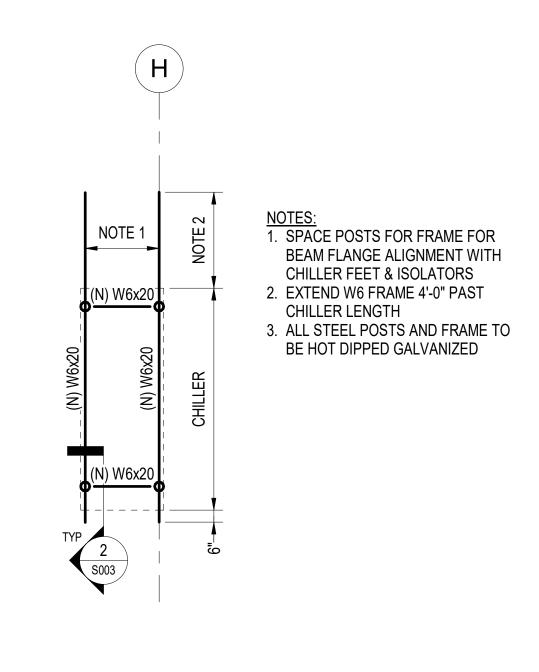
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CORPORATE NO. AECL 1227 DWG NO:

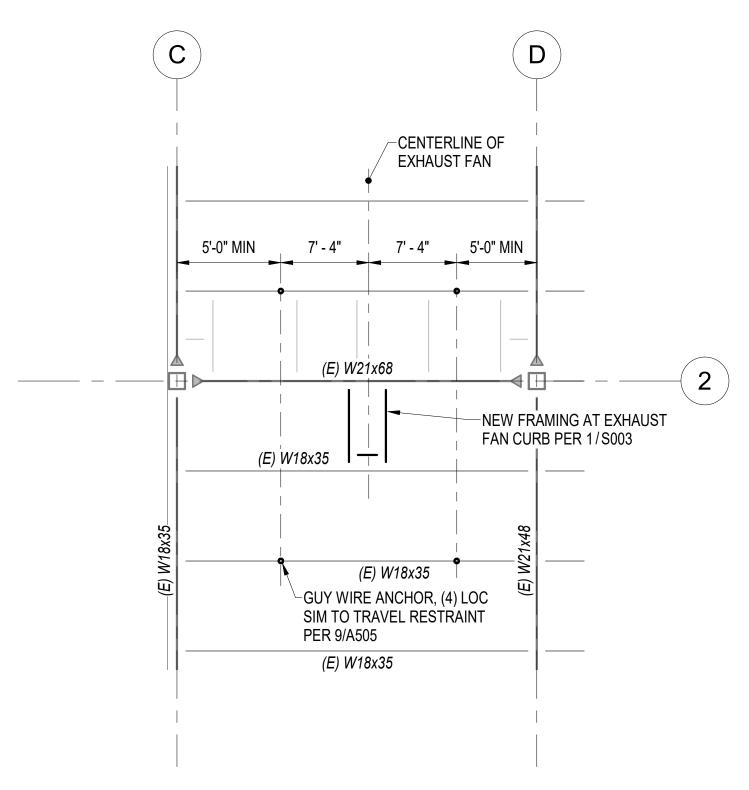






ROOF FRAMING AT CHILLER ∖S002 / 1/8" = 1'-0"

3 CHILLER FRAME PLAN S002 1/4" = 1'-0"



HIGH ROOF FRAMING AT EF

S002/

1/8" = 1'-0"

9 NEW FRAMING AT ROOF HATCH PER 1/S003 5 ROOF FRAMING AT HATCH S002/ 1/8" = 1'-0"

THE CONTRACTOR MUST VERIFY AND COORDINATE ALL DIMENSIONS AMONG THE DRAWINGS BEFORE STARTING ANY WORK OR FABRICATION. IN CASE OF DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS, REFERENCE STANDARDS, SITE CONDITIONS OR GOVERNING CODE, THE MORE STRINGENT REQUIREMENTS MUST GOVERN. CONTRACTOR MUST NOTIFY THE ENGINEER OF DISCREPANCIES AND OBTAIN DIRECTION PRIOR TO PROCEEDING. NOTES ON INDIVIDUAL STRUCTURAL DRAWINGS MUST TAKE PRIORITY OVER GENERAL STRUCTURAL NOTES. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE DRAWINGS TYPICAL DETAILS MAY NOT NECESSARILY BE INDICATED AS TYP ON THE PLANS BUT MUST APPLY AS SHOWN OR DESCRIBED IN THE DETAILS.

ALL CONSTRUCTION MUST COMPLY WITH THE 2021 INTERNATIONAL BUILDING CODE (IBC) AS AMENDED AND ADOPTED BY THE STATE OF ALASKA.

SAFETY - THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL FEDERAL, STATE AND LOCAL SAFETY STANDARDS. THE CONTRACTOR IS IN CHARGE OF ALL SAFETY MATTERS ON AND AROUND THE JOB SITE.

STRUCTURAL DESIGN DATA

STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE IBC AS AMENDED AND ADOPTED BY THE STATE OF ALASKA. RISK CATEGORY IS II IN ACCORDANCE WITH IBC SECTION 1604.5.

REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATIONS, SLOPES, DEPRESSIONS, NON-BEARING WALLS, FIRE-PROOFING, FASCIA, CURBS, DRAINS, RAILINGS, WATERPROOFING, FINISHES, ETC.

THE STRUCTURE HAS BEEN DESIGNED FOR THE FOLLOWING OPERATIONAL LOADS ON THE COMPLETED STRUCTURES. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY SHORING AND BRACING DURING CONSTRUCTION.

WIND LOADS: BASIC WIND SPEED (3-SECOND GUST, Vult)=120 MPH, EXPOSURE C

SEISMIC LOADS: SITE CLASS D, SEISMIC DESIGN CATEGORY D, Sds=1.1

EXISTING CONDITIONS

CONTRACTOR MUST VERIFY ALL EXISTING DIMENSIONS, MEMBER SIZES, AND CONDITIONS PRIOR TO COMMENCING WORK. DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED. EXISTING CONDITIONS SHOWN ON DRAWINGS ARE BASED ON EITHER SITE OBSERVATIONS, ORIGINAL DRAWINGS, OR WERE ASSUMED BASED ON EXPECTED CONDITIONS. IF EXISTING CONDITIONS DO NOT CLOSELY MATCH CONDITIONS SHOWN ON DRAWINGS. OR IF EXISTING MATERIALS ARE OF QUESTIONABLE OR SUBSTANDARD QUALITY, NOTIFY ENGINEER PRIOR TO COMMENCING WORK

STRUCTURAL STEEL

MATERIALS: WIDE FLANGE SHAPES:

ASTM A992 STRUCTURAL STEEL PIPES: ASTM A53, GRADE B ALL OTHER SHAPES & PLATE: ASTM A36 BOLTS, WASHERS & NUTS: ASTM F3125, F436 & A563

ALL DETAILING, FABRICATION AND ERECTIONS MUST CONFORM TO AISC SPECIFICATIONS AND CODES, LATEST EDITION.

ALL WELDING MUST BE DONE BY QUALIFIED WELDERS AND MUST CONFORM TO THE AWS D1.1 AND D1.8, LATEST EDITIONS. ALL WELDING ELECTRODES MUST BE PROPERLY CONDITIONED 70 KSI MINIMUM TENSILE STRENGTH, WITH DIFFUSED HYDROGEN LEVELS OF 16ml/100g (H16) OR LESS IN ACCORDANCE WITH AWS D1.8 AND A5.20.

WELDS NOT SPECIFIED MUST BE SHOP-PERFORMED CONTINUOUS OR ALL-AROUND 3/16" FILLET WELDS.

STEEL DECK AND COLD-FORMED STEEL MAY BE WELDED WITH E60 ELECTRODES. WELDING MUST BE IN ACCORDANCE WITH AWS D1.3 "SPECIFICATION FOR THE WELDING OF SHEET STEEL IN STRUCTURES".

THERE MUST BE NO FIELD CUTTING OF STRUCTURAL STEEL MEMBERS FOR THE WORK OF OTHER TRADES WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.

STEEL EXPOSED TO WEATHER OR INDICATED AS GALVANIZED MUST BE HOT-DIP GALVANIZED PER ASTM A123, OR ZINC SPRAY METALLIZING ASTM B833. TOUCH-UP AND REPAIR GALVANIZATION MUST CONFORM TO ASTM A780. FASTENERS MUST COMPLY WITH ASTM A153.

ALL CONNECTIONS MUST BE SIMPLE, SINGLE PLATE SHEAR CONNECTIONS USING HIGH-STRENGTH BEARING TYPE BOLTS WITH THREADS INCLUDED IN THE SHEAR PLANE, A325-N, UON. NUTS MUST BE SNUG-TIGHT, UON. ONE PLY OF THE CONNECTION MUST USE SHORT-SLOTTED HOLES ORIENTED HORIZONTALLY.

THERMAL BREAK PAD

MINIMUM COMPRESSIVE STRENGTH OF 1000 PSI.

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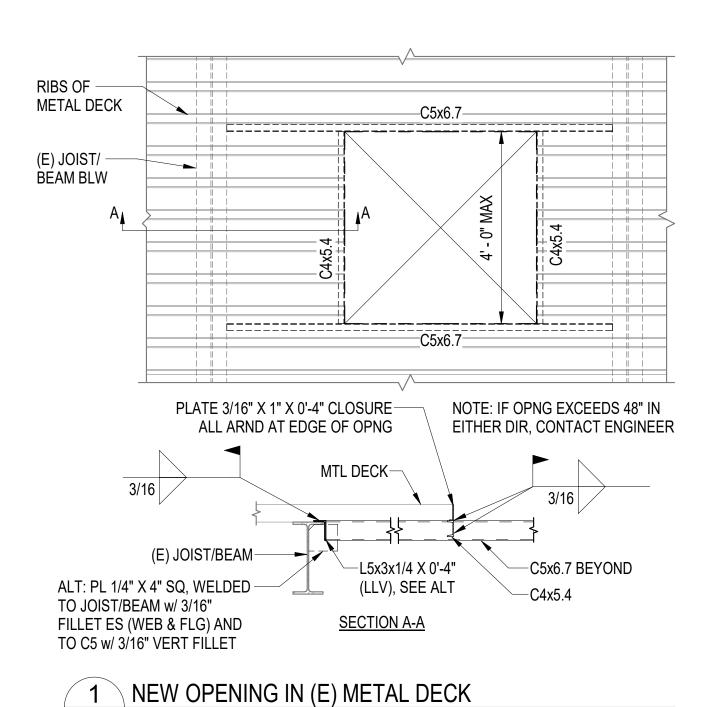
valley NATIVE PRIMARY CARE CENTER ROOF REPLACEMENT 1001 S KNIK GOOSE BAY RD, WASILLA, AK 99654 SOUTHCE ROOF FR

NO DESCRIPTION DATE DATE 2024.12.13 PROJECT NO: 402024.018

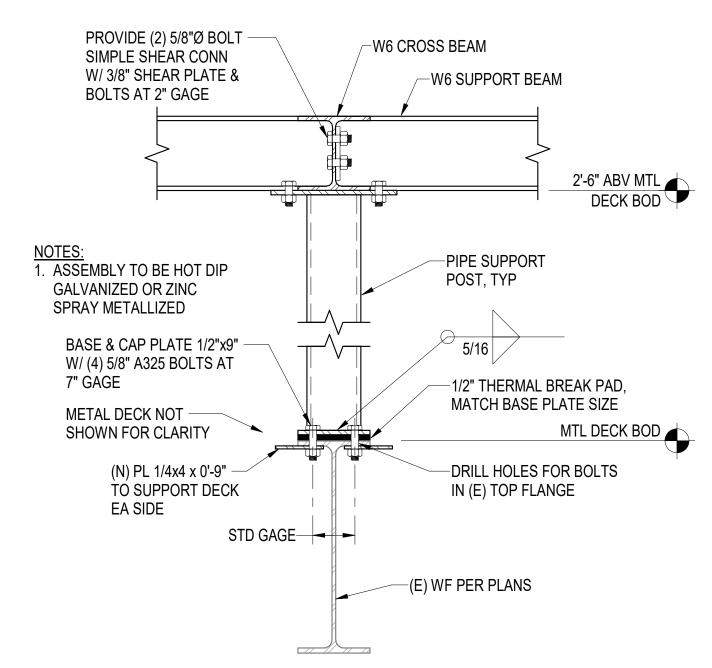
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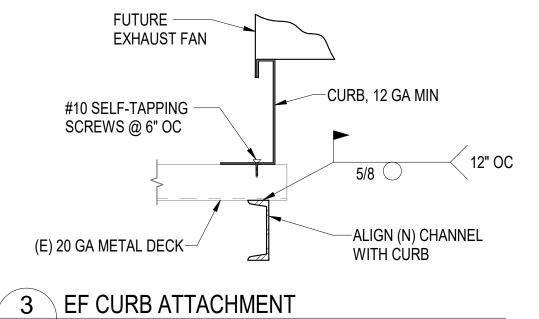


S003 1/2" = 1'-0"



S003 1 1/2" = 1'-0"





S003 1 1/2" = 1'-0"

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VALLEY NATIVE PRIMARY CARE
CENTER ROOF REPLACEMENT
1001 S KNIK GOOSE BAY RD,
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SOUTHCENTRAL FOUNDATION
STRUCTURAL DETAILS

NO DESCRIPTION DATE 2024.12.13 402024.018 PROJECT NO :

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DWG NO: