

ALASKA COURT SYSTEM

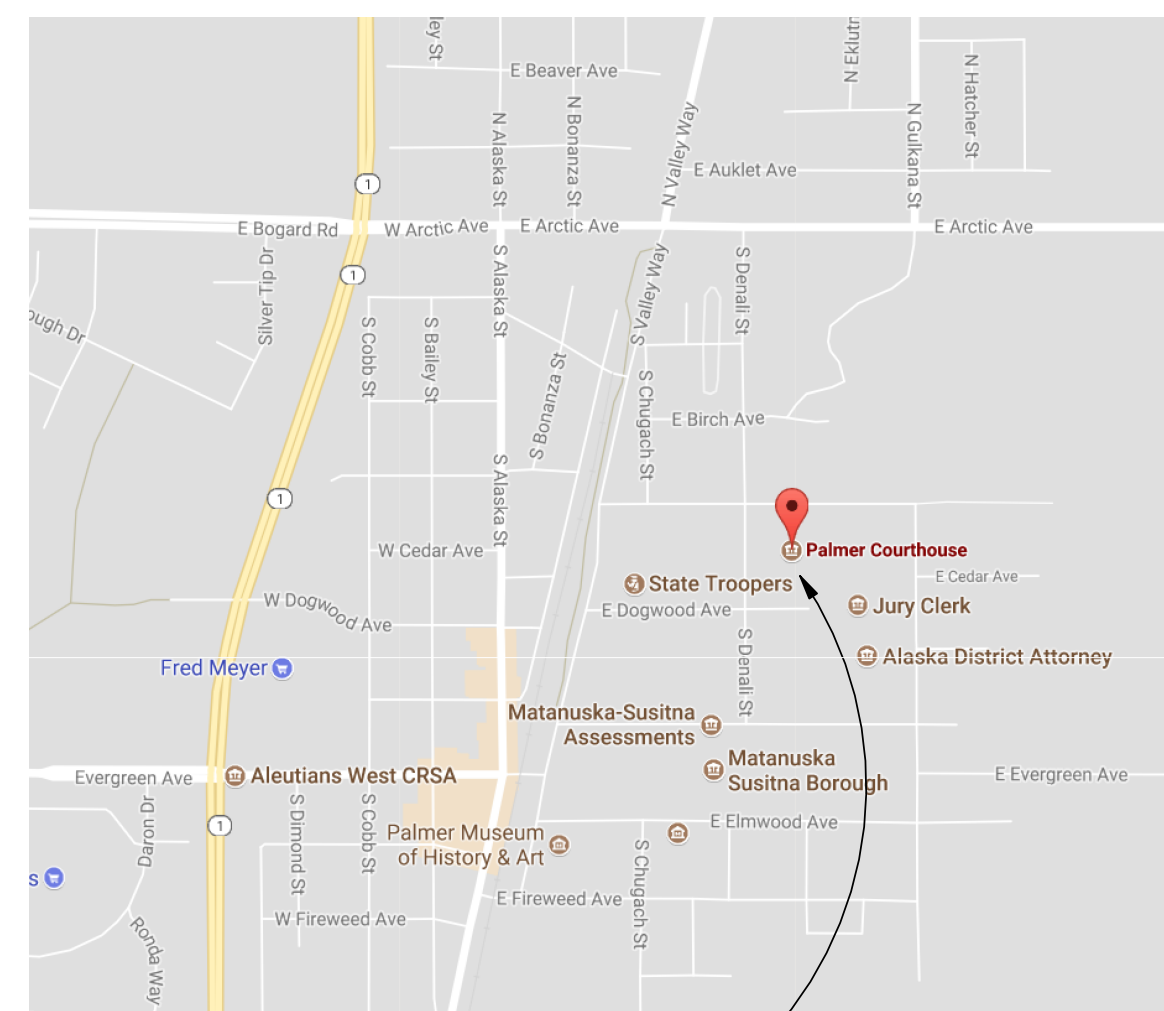
PALMER COURTHOUSE ROOF REPLACEMENT

#C-18-0002

Bid Documents Set

February 2, 2018

PROJECT LOCATION:



PALMER STATE COURTHOUSE
435 S. Denali Street
Palmer, Alaska 99645

PROJECT TEAM

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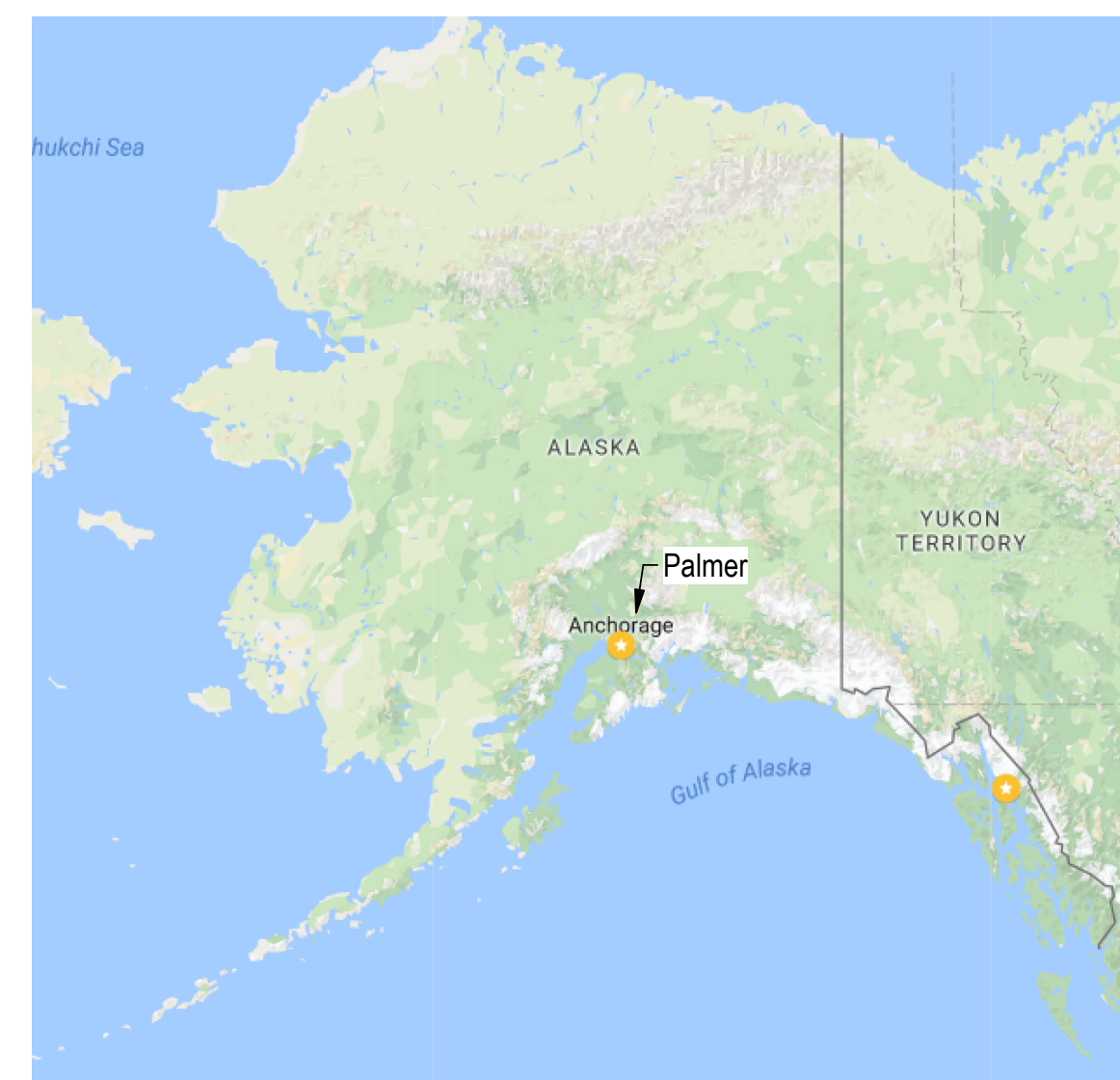
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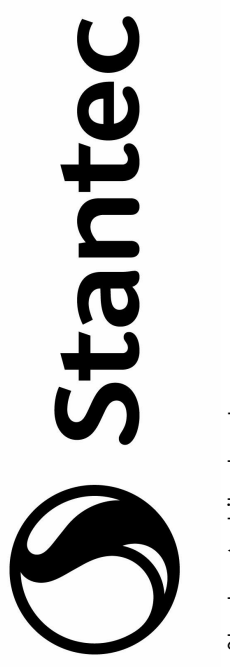
Email:
lucas.schneller@stantec.com

STATE OF ALASKA MAP:



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NO.	REVISION	BY	DATE
1		Appd	2018.02.02
2		GG	2018.02.02
3		BT	2018.02.02

Permit/Seal



Client/Project
ALASKA COURT
SYSTEM

PALMER
COURTHOUSE
ROOF
REPLACEMENT
435 S. DENALI STREET
PALMER, ALASKA 99645

Project No.:2046068501.2

File Name: N/A

Scale:

RI	RI	GG	2018.02.02
Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

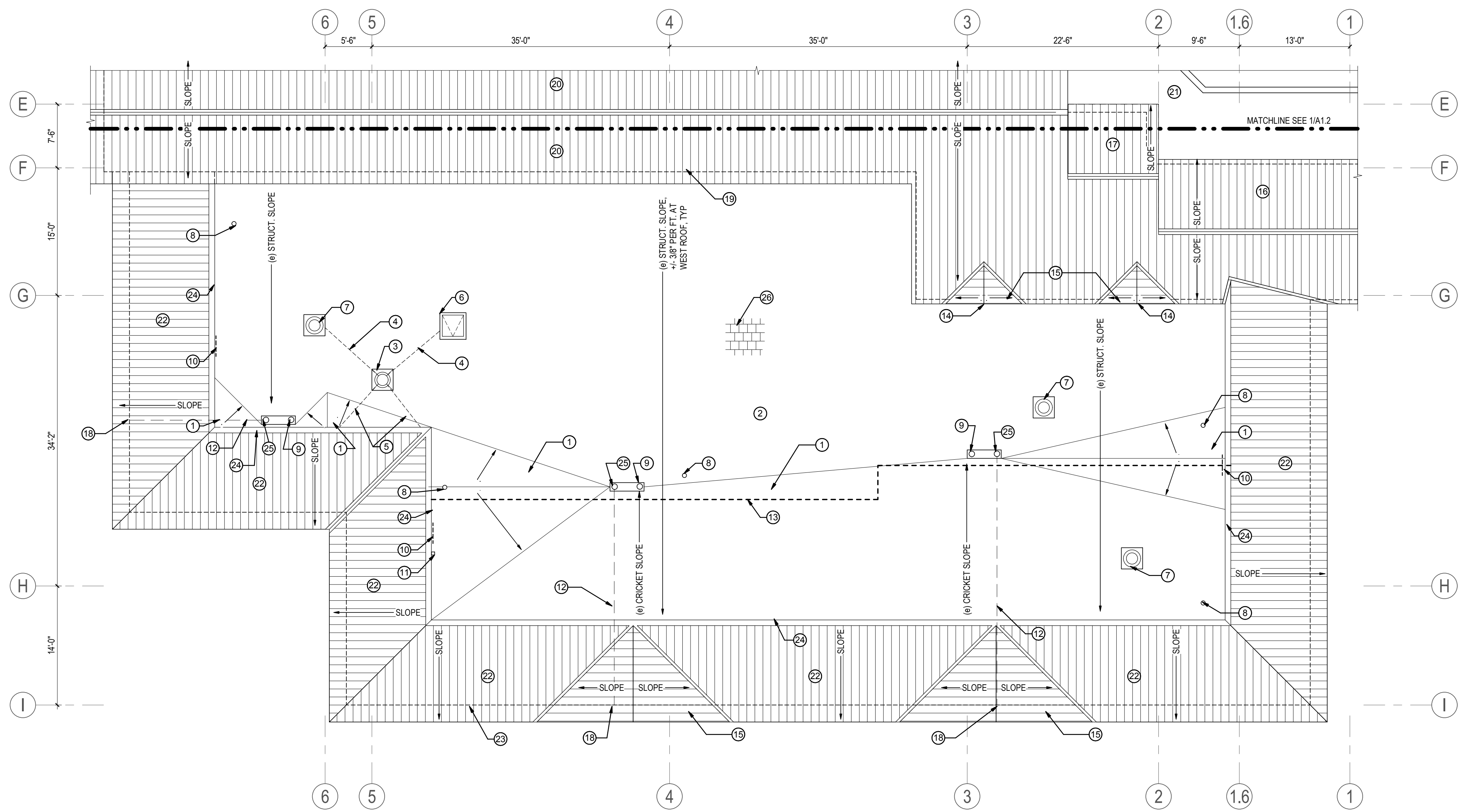
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COVER SHEET

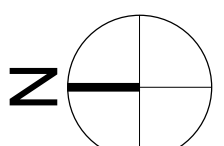
Revision:

Drawing No.

G1.1



1 WEST ROOF - EXISTING CONDITIONS PLAN
A1.1 1/8" = 1'-0"



SHEET KEYNOTES	
NUMBER	NOTE
1	(e) IRMA ROOF ASSEMBLY W/ PAVERS OVER TAPERED INSULATION CRICKET
2	(e) IRMA ROOF ASSEMBLY W/ PAVERS, SEE 2/A2.2, APPROX. 5,140 SF
3	(e) BOILER STACK
4	(e) BOILER STACK GUY WIRE FASTENED TO CURB
5	(e) BOILER STACK GUY WIRE FASTENED TO PARAPET WALL
6	(e) ROOF HATCH ON CURB
7	(e) EXHAUST FAN (EF) ON CURB
8	(e) PLUMBING VENT (VTR)
9	(e) ROOF DRAIN UNDER PAVERS
10	(e) 2X2' ATTIC ACCESS HOLE W/ WHITE PLYWOOD COVER
11	(e) STATIC PRESSURE SENSOR AND MAST
12	(e) OVERFLOW DRAIN PIPING, BELOW ROOF DECK
13	DASHED LINE INDICATES APPROXIMATE BOUNDARY BETWEEN ORIGINAL 1987 ROOF AND 1999 EXPANSION
14	(e) ATTIC VENT LOUVERS
15	(e) HIPPED GABLE METAL ROOF
16	(e) LOWER CLERESTORY'S SLOPED METAL ROOF
17	(e) MID CLERESTORY'S SLOPED METAL ROOF
18	(e) OVERFLOW DRAIN WALL SCUPPER BELOW
19	(e) CEMENT PLASTERED WALL UNDERNEATH EAVE
20	(e) UPPER CLERESTORY'S SLOPED METAL ROOF
21	(e) LOWER EPDM ROOF
22	(e) SLOPED STANDING SEAM METAL MANSARD ROOF
23	(e) WALL BELOW MANSARD ROOF OVERHANG, TYP.
24	(e) PARAPET W/ VENTED SHEET METAL COPING
25	(e) OVERFLOW ROOF DRAIN UNDER PAVERS
26	(e) 1'X1' IRMA ROOF CEMENTIOUS BALLAST PAVER, TYP., NOT SHOWN FOR CLARITY

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Revision	By	App'd	YYYY.MM.DD

Permit/Seal



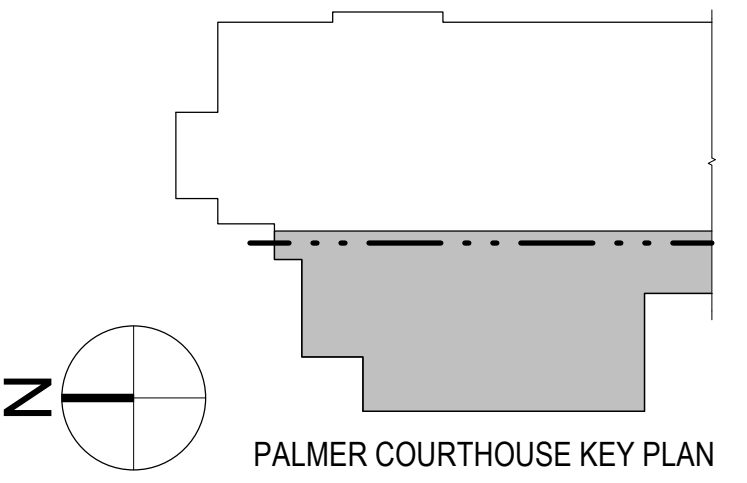
Client/Project
ALASKA COURT SYSTEM
PALMER COURTHOUSE ROOF REPLACEMENT
435 S. DENALI STREET
PALMER, ALASKA 99645

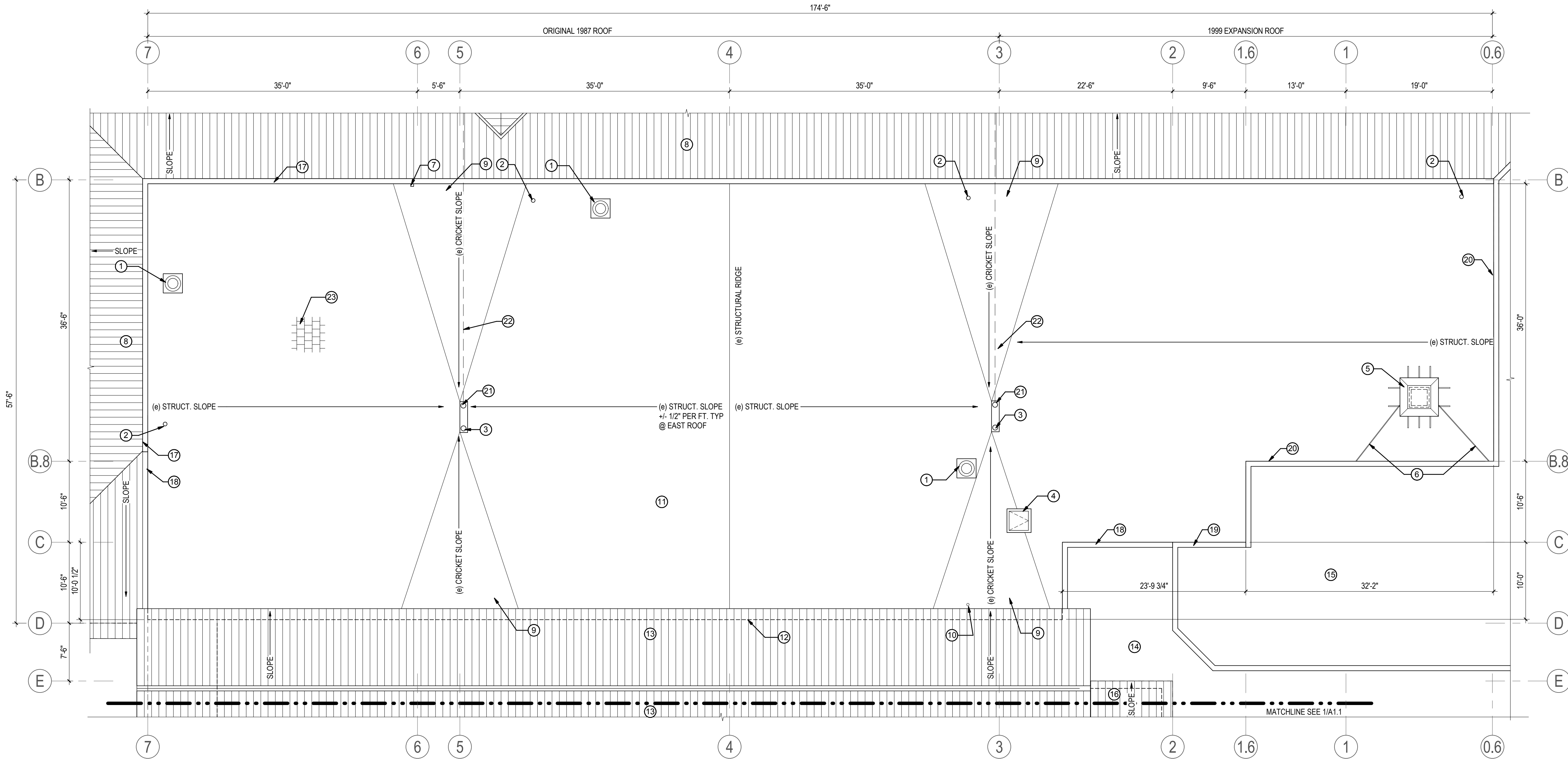
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File Name: N/A
Scale: As indicated

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WEST ROOF EXISTING CONDITIONS PLAN

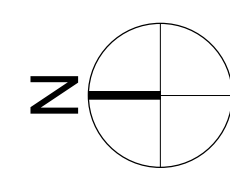
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Drawing No.
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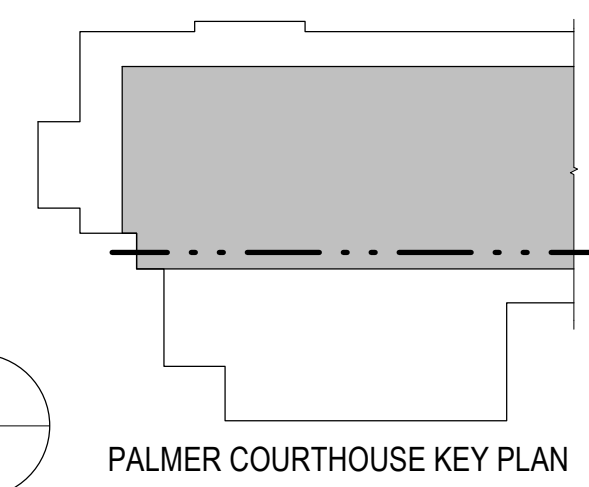


1 EAST ROOF - EXISTING CONDITIONS PLAN

A1.2 1/8" = 1'-0"



SHEET KEYNOTES	
NUMBER	NOTE
1	(e) EXHAUST FAN (EF) ON CURB
2	(e) PLUMBING VENT (VTR)
3	(e) ROOF DRAIN UNDER PAVERS
4	(e) ROOF HATCH ON CURB
5	(e) AIR INTAKE DUCTWORK ON CURB, W/ CUSTOM METAL ROOFING HOOD W/ 2X4 SUPPORTS RESTING ON PAVERS
6	(e) GALV. STEEL PIPE BRACING BACK TO PARAPET
7	(e) STATIC PRESSURE SENSOR AND MAST
8	(e) SLOPED STANDING SEAM METAL MANSARD ROOF
9	(e) IRMA ROOF ASSEMBLY W/ PAVERS OVER TAPERED INSULATION CRICKET
10	(e) CONDUIT ROOF PENETRATION, WITH FLEX. CONDUIT LEADING TO RIGID CONDUIT ON CLERESTORY EAVE, POWERING EXTERIOR LIGHTING TO REMAIN
11	(e) IRMA ROOF ASSEMBLY W/ PAVERS, SEE 2/A2.2, APPROX. 8.976 SF
12	(e) CEMENT PLASTERED WALL UNDERNEATH EAVE
13	(e) UPPER CLERESTORY'S SLOPED METAL ROOF
14	(e) LOWER EPDM ROOF
15	(e) POST-1999 FLAT ROOFED EXPANSION
16	(e) MID CLERESTORY'S SLOPED METAL ROOF
17	(e) PARAPET W/ VENTED SHEET METAL COPING
18	(e) LOWER PARAPET W/ SHEET METAL COPING
19	(e) MID-PARAPET W/ SHEET METAL COPING
20	(e) HIGH-PARAPET W/ SHEET METAL COPING
21	(e) OVERFLOW ROOF DRAIN UNDER PAVERS
22	(e) OVERFLOW DRAIN PIPING, BELOW ROOF DECK
23	(e) 1'x1' IRMA ROOF CEMENTIOUS BALLAST PAVER, TYP., NOT SHOWN FOR CLARITY



Consultant

Rev	App'd	By
1	YYT/MM/DD	YYT/MM/DD

Permit/Seal

STATE OF ALASKA
 49 TH
 Ross B. Timm
 No A-11339
 REGISTERED PROFESSIONAL ARCHITECT

Client/Project
ALASKA COURT SYSTEM
PALMER COURTHOUSE ROOF REPLACEMENT
 435 S. DENALI STREET
 PALMER, ALASKA 99645

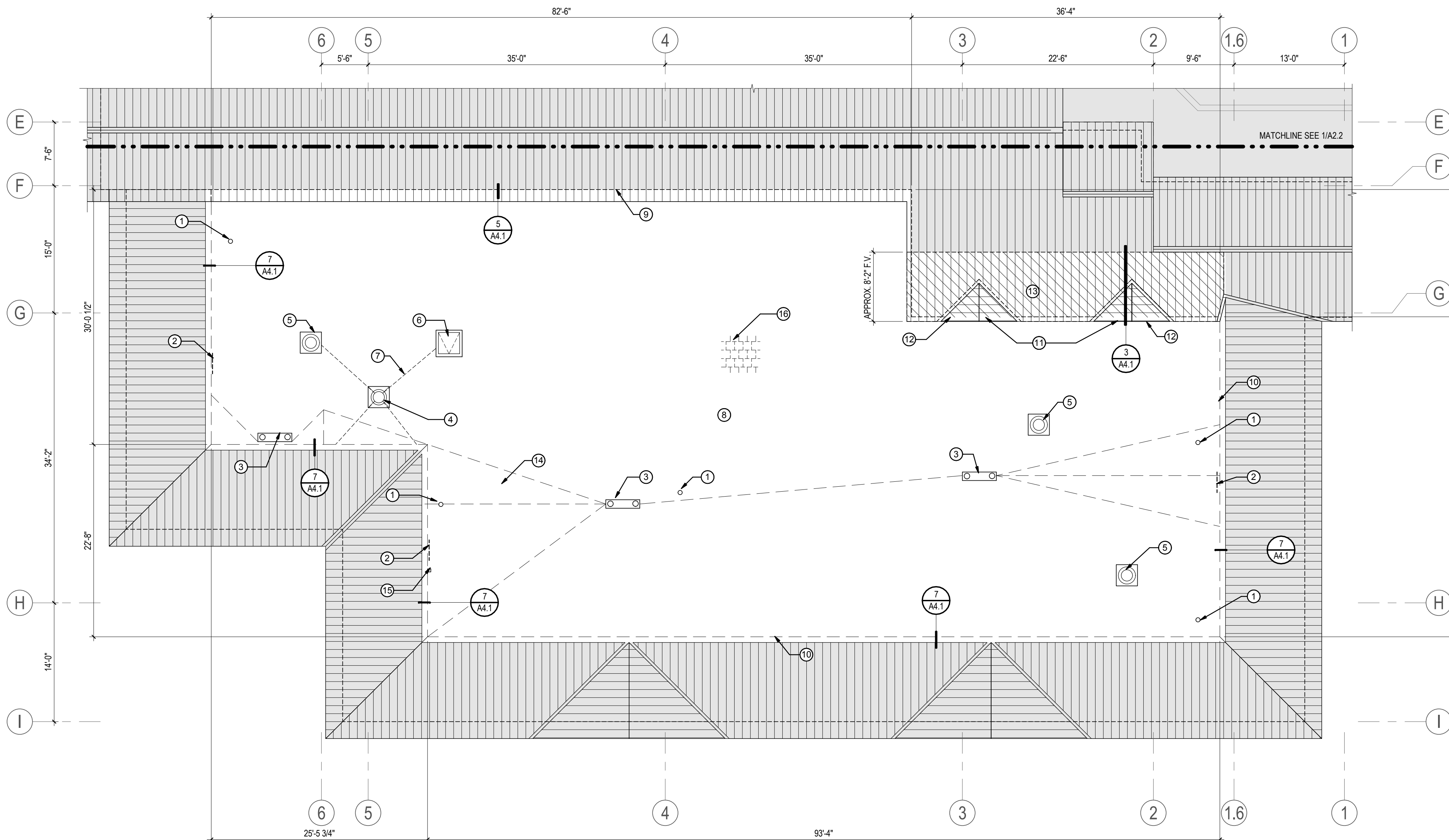
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 Scale: As indicated

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Title
EAST ROOF EXISTING CONDITIONS PLAN

Revision:
 Drawing No.
A1.2

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 ORIGINAL SHEET - ANS D



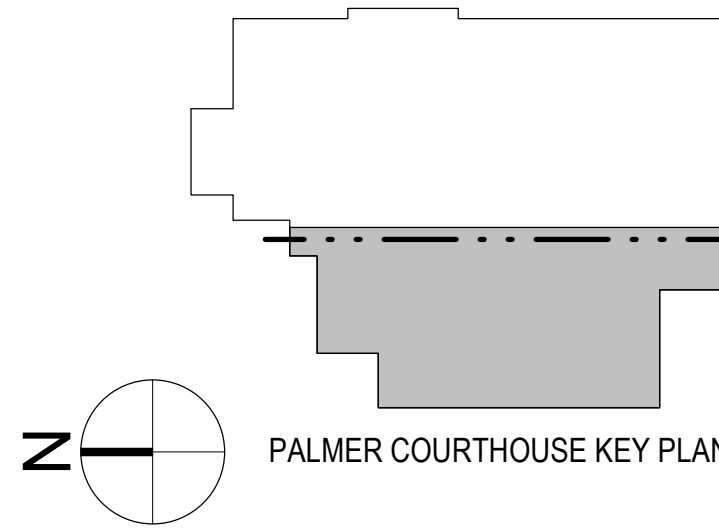
1 WEST ROOF - DEMO PLAN

A2.1 1/8" = 1'-0"

SHEET KEYNOTES	
NUMBER	NOTE
1	DEMO VTR FLASHING. PROTECT VENT FROM CONSTRUCTION DEBRIS W/ SCREEN WHILE ALLOWING VENT GASES TO ESCAPE DURING CONSTRUCTION
2	DEMO WHITE ATTIC ACCESS HOLE COVER
3	LEAVE EXISTING DRAIN BODIES IN PLACE. DEMO STRAINERS, PROTECT DRAIN PIPING FROM CONSTRUCTION DEBRIS DURING CONSTRUCTION.
4	TEMP. RAISE BOILER STACK'S METAL FLASHING BASE & STORM COLLAR TO ALLOW NEW CURB FLASHING TO BE INSTALLED. DEMO CURB MEMBRANE FLASHING. CURB AND BOILER FLUE TO REMAIN
5	TEMP. REMOVE & PROTECT EXHAUST FAN FOR ROOFING INSTALLATION, PROTECT HOLE W/ SCREEN DURING CONSTRUCTION, DEMO ROOF CURB MEMBRANE FLASHING. CURB TO REMAIN, SEE ELEC. & MECH.
6	TEMP. REMOVE & PROTECT ROOF HATCH FOR ROOFING INSTALLATION, COVER HOLE W/ SECURE, LOCKED PLYWOOD COVER DURING CONSTRUCTION EXCEPT WHEN ACCESS IS NEEDED, DEMO CURB MEMBRANE FLASHING. CURB TO REMAIN
7	TEMP. REMOVE BOILER STACK GUY WIRE, TYP.
8	DEMO IRMA ROOF ASSEMBLY DOWN TO PLYWD. DECK, INCLUDING PAVERS, INSULATION, AND MEMBRANE. SEE 2/A2.2
9	DEMO CEMENT PLASTER ON WALL AS NEEDED TO ACCOMMODATE NEW ROOF ASSEMBLY & TO INSTALL NEW ROOF-TO-WALL FLASHING
10	TEMP. REMOVE COPING AS NEEDED TO INSTALL NEW ROOFING, PROTECT FOR RE-INSTALLATION
11	REMOVE LOUVERS AND PROTECT FOR RE-INSTALLATION
12	DEMO HIPPED GABLE ROOFS
13	DEMO DIAGONALLY HATCHED PORTION OF SLOPE METAL ROOFING IN ORDER TO ACCOMMODATE NEW DETAIL
14	DEMO CRICKETS, TYP.
15	TEMP. REMOVE & PROTECT STATIC PRESSURE SENSOR & MAST. INSTALL TEMP. FLEXIBLE PLASTIC TUBING TO 3/4" RIGID PIPE STICKING OUT OF PARAPET WALL IN ORDER TO KEEP SENSOR IN OPERATION DURING CONSTRUCTION. TEMP. SECURE SENSOR ON METAL ROOFING W/ TAPE DURING CONSTRUCTION, SEE MECH.
16	DEMO PAVERS, TYP., NOT SHOWN FOR CLARITY

SHEET NOTES:

1. SEE MECHANICAL & ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION ON MECHANICAL & ELECTRICAL ASPECTS OF THE WORK.
2. SEE EXISTING CONDITION PLAN FOR CALL OUTS OF EXISTING (e) ITEMS.



Consultant	
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Appd	Appd
BY	DATE
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BY	DATE
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Appd	Appd



Client/Project
 ALASKA COURT SYSTEM
 PALMER COURTHOUSE ROOF REPLACEMENT
 435 S. DENALI STREET
 PALMER, ALASKA 99645

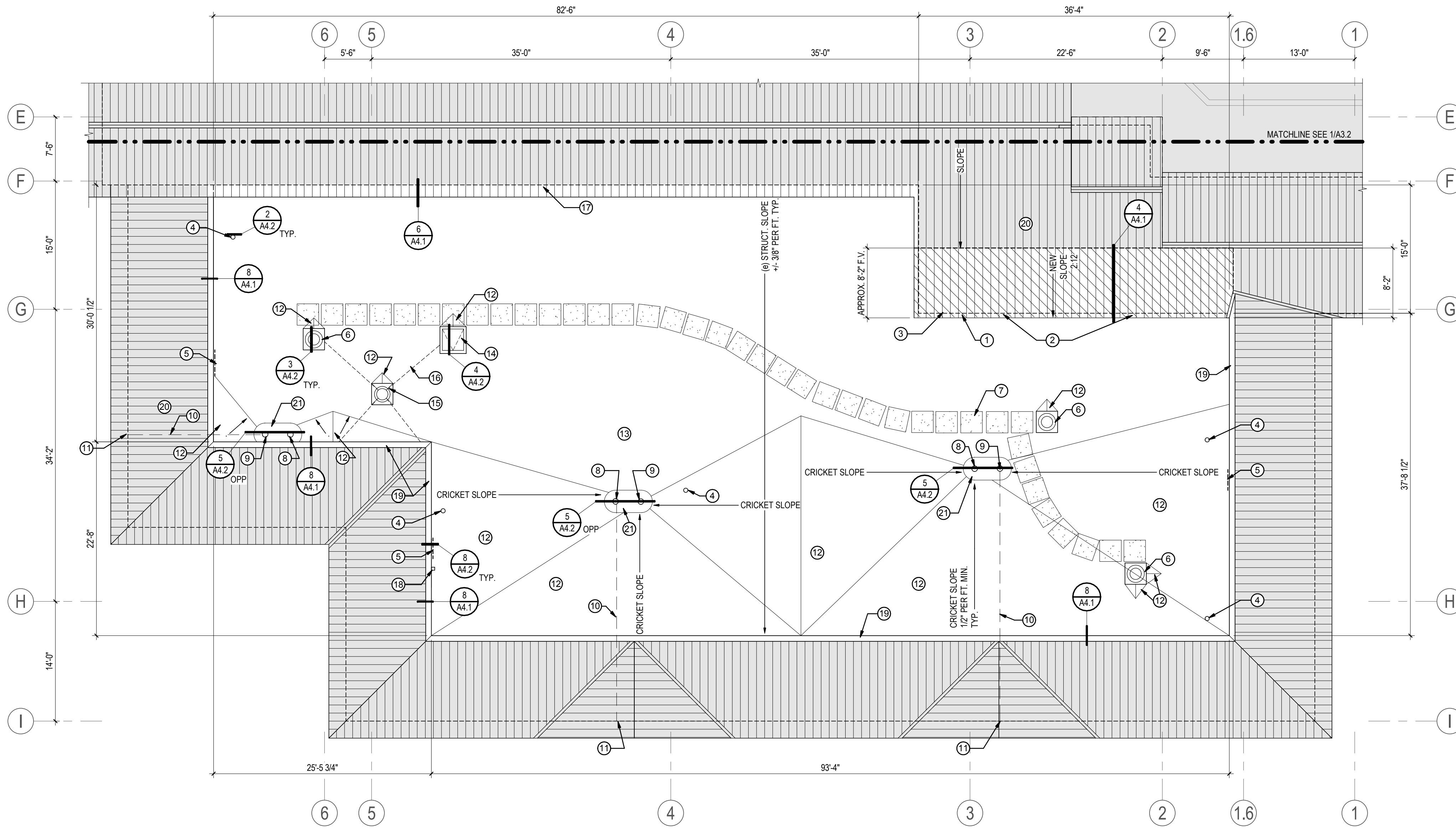
Project No.: 2046068501.2
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 Scale: As indicated

Rev. Dwn. Dsgn. Chkd. Date
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Title
 WEST ROOF DEMO PLAN

Revision:
 Drawing No.

A2.1

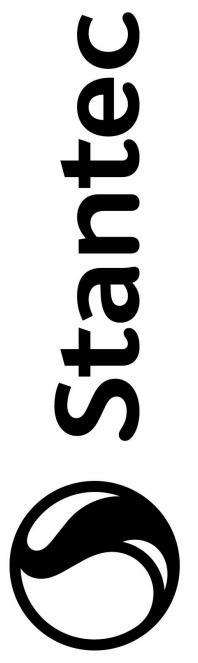


SHEET NOTES:

1. WALK PAD LAYOUTS ARE APPROX. PROVIDE PATHS AS DIRECT AS POSSIBLE BETWEEN ROOF ACCESS POINTS (ROOF HATCHES AND DOORS), MECHANIZED MECH. EQUIPMENT (EXHAUST FANS, A/C UNITS), FLAGPOLES, AND FLAGPOLE LIGHTS. SPACE AS CLOSE AS POSSIBLE WHILE AVOIDING BLOCKING DRAINAGE.
2. SEE MECHANICAL & ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION ON MECHANICAL & ELECTRICAL ASPECTS OF THE WORK.
3. SEE EXISTING CONDITION PLAN FOR CALL OUTS OF EXISTING (e) ITEMS.

1 WEST ROOF - RENOVATION PLAN
A3.1 1/8" = 1'-0"

SHEET KEYNOTES	
NUMBER	NOTE
1	PROVIDE NEW SECTION OF LOWER SLOPE STANDING SEAM METAL ROOFING APPROX. IN HATCHED AREA, TO MATCH EXISTING METAL ROOFING PROFILE. PROVIDE OWNER W/ MANUFACTURER'S STANDARD COLOR OPTIONS W/ INTENT TO CLOSELY MATCH EXISTING
2	RE-INSTALL (e) LOUVERS IN NEW PONY WALL
3	PROVIDE NEW FRAMED PONY WALL W/ 2X FRAMING & PARAPET SHEATHING, RUN EPDM UP WALL
4	PROVIDE NEW VTR EXTENSION. FASTEN VTR EXTENSION TO (e) VTR TO ACCOMMODATE NEW ROOF ASSEMBLY, FLASH NEW ROOFING TO VENT, SEE DETAIL 2/A4.2 FOR TYP.
5	PROVIDE NEW 2XZ ATTIC ACCESS DOOR & FRAME IN PARAPET WALL. MODIFY EXISTING ROUGH OPENING IN PARAPET FRAMING/SHEATHING AS NEEDED. SEAL FRAME'S MOUNTING FLANGE TO PARAPET SHEATHING AND SEAL ROOF MEMBRANE TO FRAME'S FLANGE.
6	FLASH NEW ROOFING TO (e) CURB, RE-INSTALL (e) EXHAUST FAN
7	PROVIDE NEW WALK PAD, TYP., LAYOUT IS APPROXIMATE
8	PROVIDE NEW RETRO-FIT ROOF DRAIN CONNECTED TO (e) DRAIN BODY
9	PROVIDE NEW RETRO-FIT OVERFLOW ROOF DRAIN CONNECTED TO (e) DRAIN BODY
10	(e) OVERFLOW DRAIN PIPING UNDER DECK, ENSURE OVERFLOW DRAIN IS DRAINING TO SCUPPER
11	(e) WALL OVERFLOW WALL SCUPPER BELOW, ENSURE NEW OVERFLOW DRAIN IS DRAINING OUT OF SCUPPER
12	PROVIDE NEW TAPERED INSULATION CRICKET, TYP. SLOPE 1/2" PER FT. PERPENDICULAR TO VALLEY IN ORDER TO ACHIEVE MIN. 1/4" PER FT. ALONG VALLEY LINE, U.N.O.
13	PROVIDE NEW EPDM ROOF ASSEMBLY, SEE 1/A4.2, APPROX 5140 SF
14	RAISE CURB TO ACCOMMODATE NEW ROOF ASSEMBLY, FLASH NEW ROOFING TO CURB, RE-INSTALL (e) ROOF HATCH
15	FLASH NEW ROOFING TO (e) CURB, RE-INSTALL (e) METAL FLASHING & STORM COLLAR
16	RE-INSTALL BOILER FLUE GUY WIRES, TAUNT, TO ORIGINAL LOCATIONS W/ NEW STAINLESS STEEL FASTENERS. SEAL AT ALL FASTENERS W/ SILICONE SEALANT
17	PROVIDE NEW ROOF-TO-WALL FLASHING ALONG THIS WALL
18	RE-INSTALL PRESSURE SENSOR MAST AND RE-CONNECT PRESSURE SENSOR, VERIFY IT IS FUNCTIONING CORRECTLY AFTER RE-CONNECTION, SEE MECH.
19	RE-INSTALL COPING AFTER INSTALLING NEW ROOFING
20	TYP. NO WORK IN SHADED PORTION EXCEPT AS REQUIRED TO PERFORM WORK SHOWN IN UN-SHADED PORTION
21	NEW SUMP IN ROOF INSULATION, 4" MIN INSULATION



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Rev. No.	Description	By	App'd

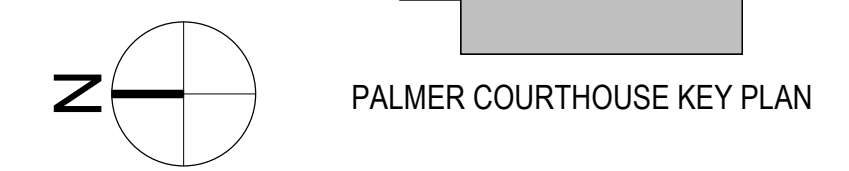


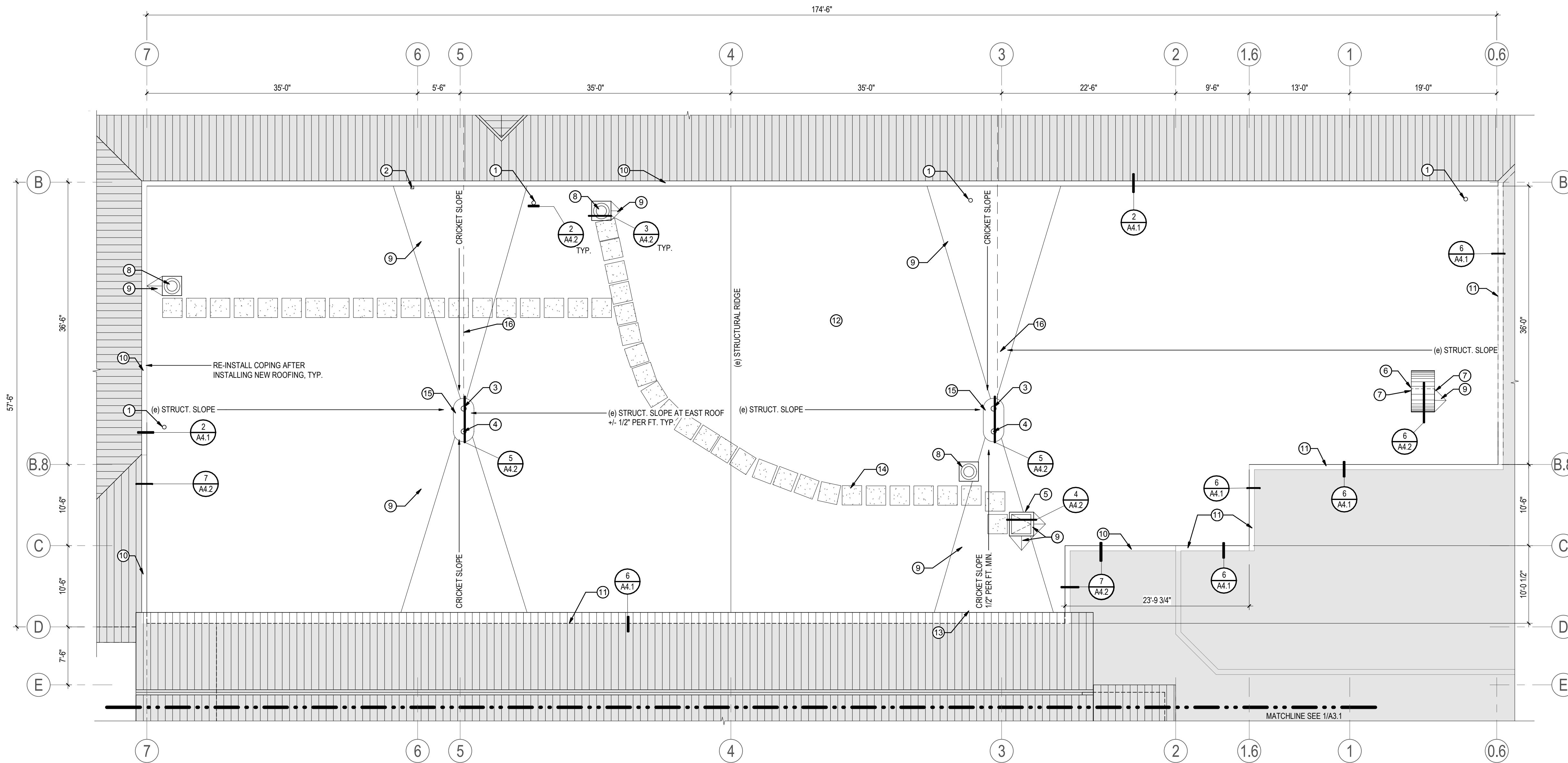
Client/Project: ALASKA COURT SYSTEM
PALMER COURTHOUSE ROOF REPLACEMENT
435 S. DENALI STREET
PALMER, ALASKA 99645

Project No.: 2046068501.2
File Name: N/A
Scale: As indicated

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Title: WEST ROOF RENOVATION PLAN
Revision:
Drawing No.



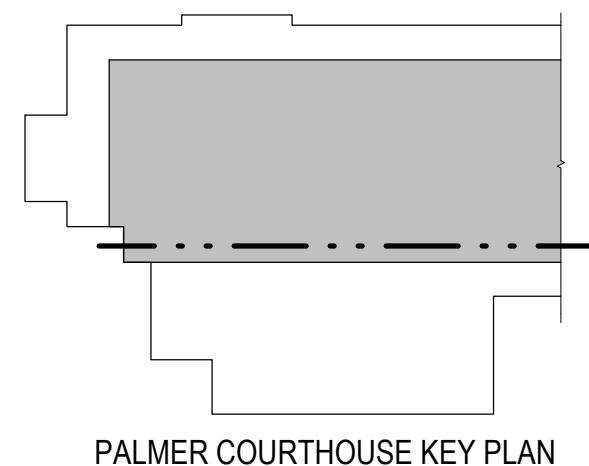


1 EAST ROOF - RENOVATION PLAN
 1/8" = 1'-0"

SHEET KEYNOTES	
NUMBER	NOTE
1	PROVIDE NEW VTR EXTENSION. FASTEN VTR EXTENSION TO (e)VTR TO ACCOMMODATE NEW ROOF ASSEMBLY, FLASH NEW ROOFING TO VENT. SEE DETAIL 2/A4.2 FOR TYP.
2	RE-INSTALL PRESSURE SENSOR MAST AND RE-CONNECT PRESSURE SENSOR. VERIFY IT IS FUNCTIONING CORRECTLY AFTER RE-CONNECTION. SEE MECH.
3	PROVIDE NEW RETRO-FIT ROOF DRAIN CONNECTED TO (e) DRAIN BODY
4	PROVIDE NEW RETRO-FIT OVERFLOW ROOF DRAIN CONNECTED TO (e) DRAIN BODY
5	RAISE CURB TO ACCOMMODATE NEW ROOF ASSEMBLY, FLASH NEW ROOFING TO CURB, RE-INSTALL (e) ROOF HATCH
6	RAISE CURB TO ACCOMMODATE NEW ROOF ASSEMBLY, FLASH NEW ROOFING TO CURB, PROVIDE NEW GOOSENECK CAP PER MECHANICAL OVER (e) AIR INTAKE DUCT, REINSTALL SHEET METAL FLASHING. SEE MECH.
7	PROVIDE NEW GALV. UNISTRUT PA238 OR SIM. BRACING FROM END OF GOOSENECK DUCT BACK TO CURB, FASTEN W/ STAINLESS STEEL FASTENRS, SEAL AT ALL FASTENERS W/ SILICONE SEALANT
8	FLASH NEW ROOFING TO (e) CURB, RE-INSTALL (e) EXHAUST FAN
9	PROVIDE NEW TAPERED INSULATION CRICKET, TYP. SLOPE 1/2" PER FT. PERPENDICULAR TO VALLEY IN ORDER TO ACHIEVE MIN. 1/4" PER FT. ALONG VALLEY LINE, U.N.O.
10	RE-INSTALL COPING AFTER INSTALLING NEW ROOFING
11	PROVIDE NEW ROOF-TO-WALL FLASHING ALONG THIS WALL
12	PROVIDE NEW EPDM ROOF ASSEMBLY. SEE 1/A4.2, APPROX 8976 SF
13	ROOF OVER DEMOD' CONDUIT PENETRATION
14	PROVIDE NEW WALK PAD, TYP., LAYOUT IS APPROXIMATE
15	NEW SUMP IN ROOF INSULATION, 4" MIN INSULATION
16	(e) OVERFLOW DRAIN PIPING UNDER DECK, ENSURE OVERFLOW DRAIN IS DRAINING TO SCUPPER

SHEET NOTES:

- WALK PAD LAYOUTS ARE APPROX., PROVIDE PATHS AS DIRECT AS POSSIBLE BETWEEN ROOF ACCESS POINTS (ROOF HATCHES AND DOORS), MECHANIZED MECH. EQUIPMENT (EXHAUST FANS, A/C UNITS), FLAGPOLES, AND FLAGPOLE LIGHTS. SPACE AS CLOSE AS POSSIBLE WHILE AVOIDING BLOCKING DRAINAGE.
- SEE MECHANICAL & ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION ON MECHANICAL & ELECTRICAL ASPECTS OF THE WORK.
- SEE EXISTING CONDITION PLAN FOR CALL OUTS OF EXISTING (e) ITEMS.



Consultant	
BY	DATE
YYT/JMM/DD	2018.02.06
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App'd	Issued



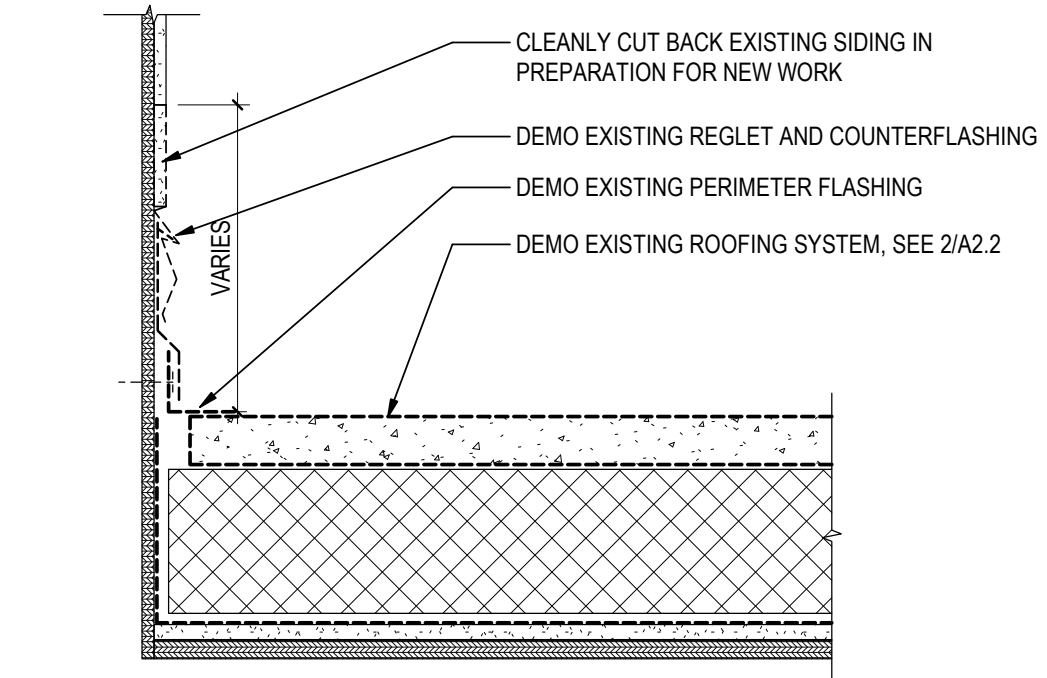
Client/Project: ALASKA COURT SYSTEM
 PALMER COURTHOUSE ROOF REPLACEMENT
 435 S. DENALI STREET
 PALMER, ALASKA 99645

Project No.: 2046068501.2
 File Name: N/A
 Scale: As indicated

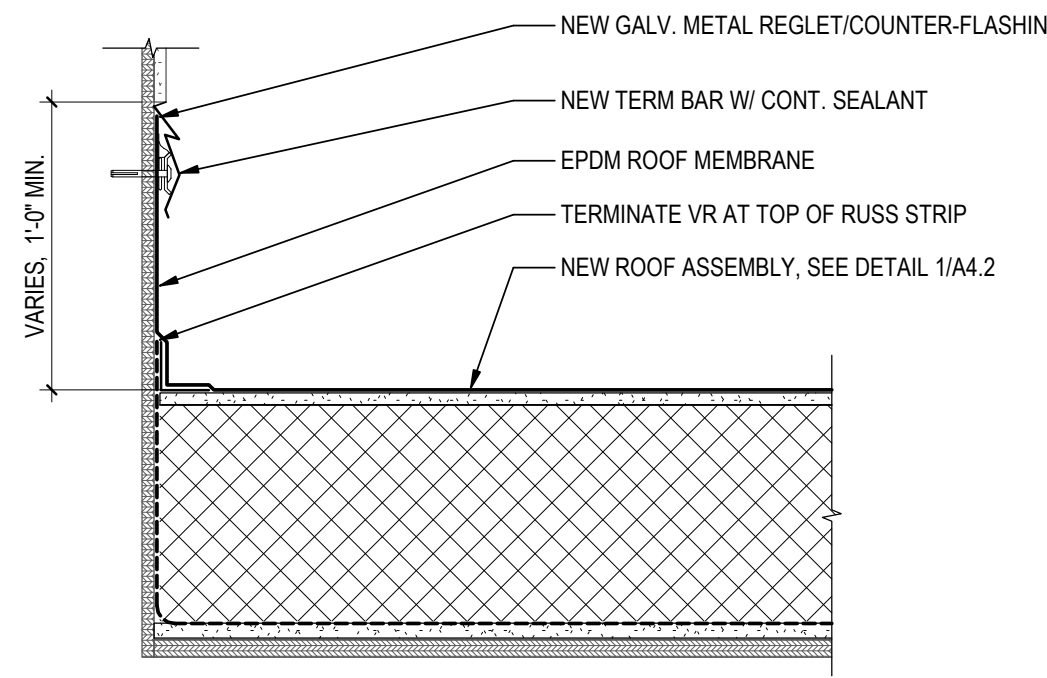
RT	RT	GG	2018.02.06
Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Title: EAST ROOF RENOVATION PLAN

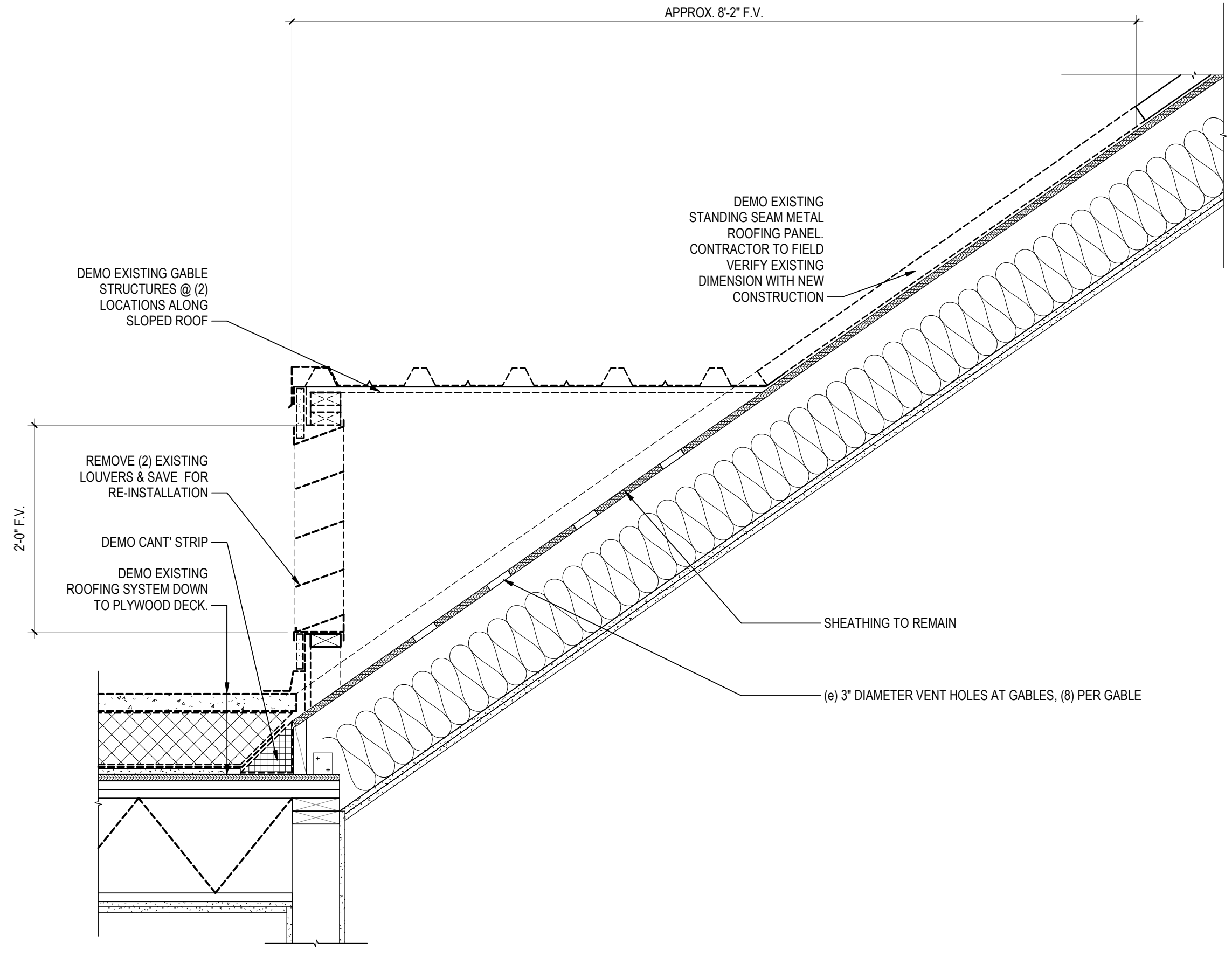
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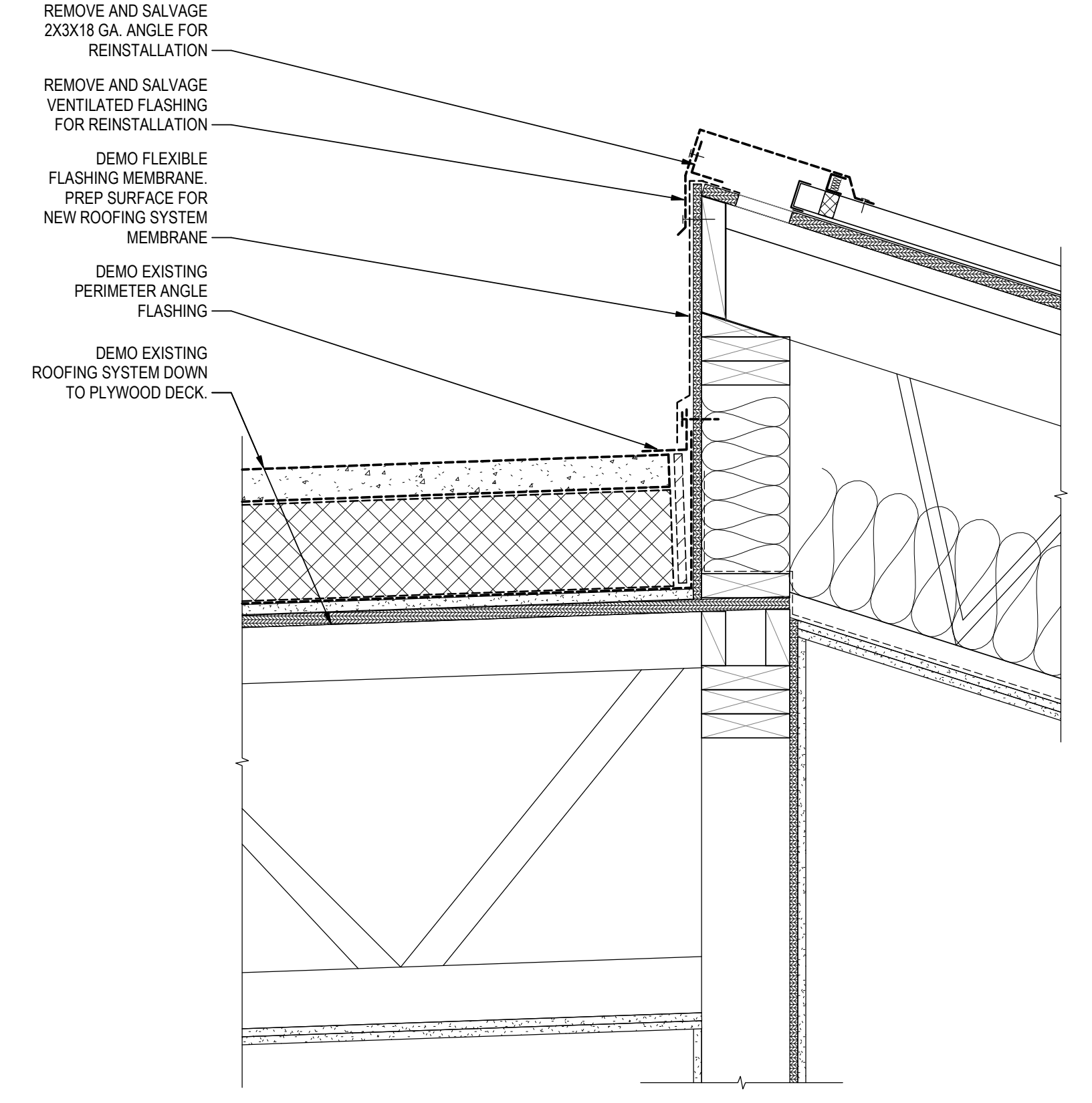
5 TYP. WALL TO ROOF DEMO
A4.1 1 1/2" = 1'-0"



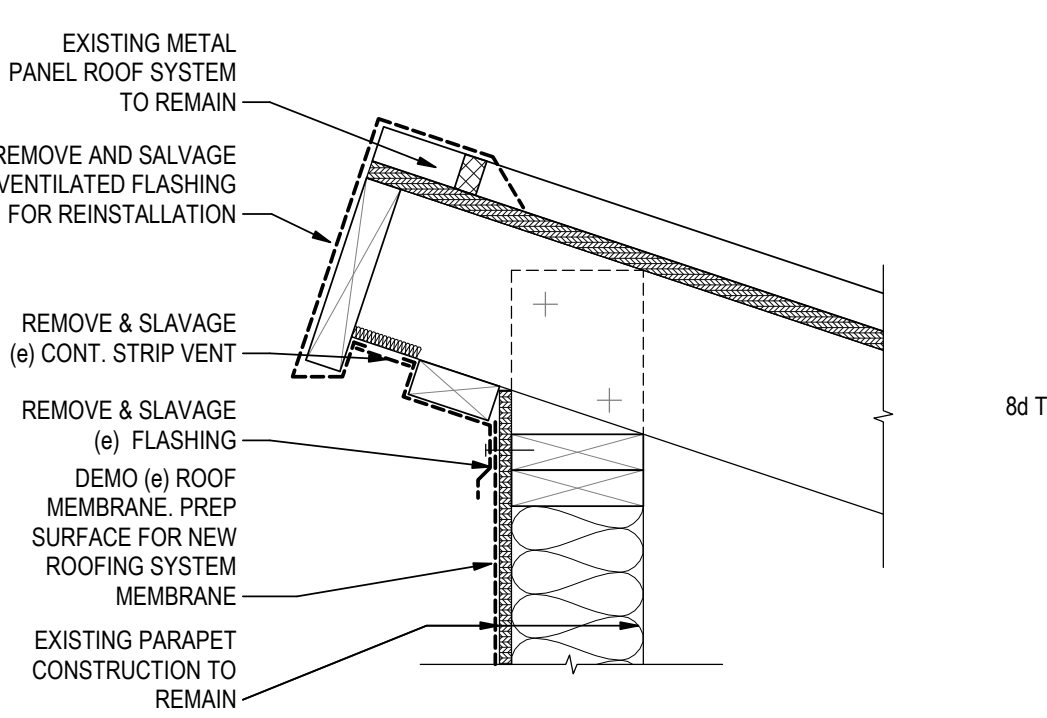
6 TYP. WALL TO ROOF RENOVATION
A4.1 1 1/2" = 1'-0"



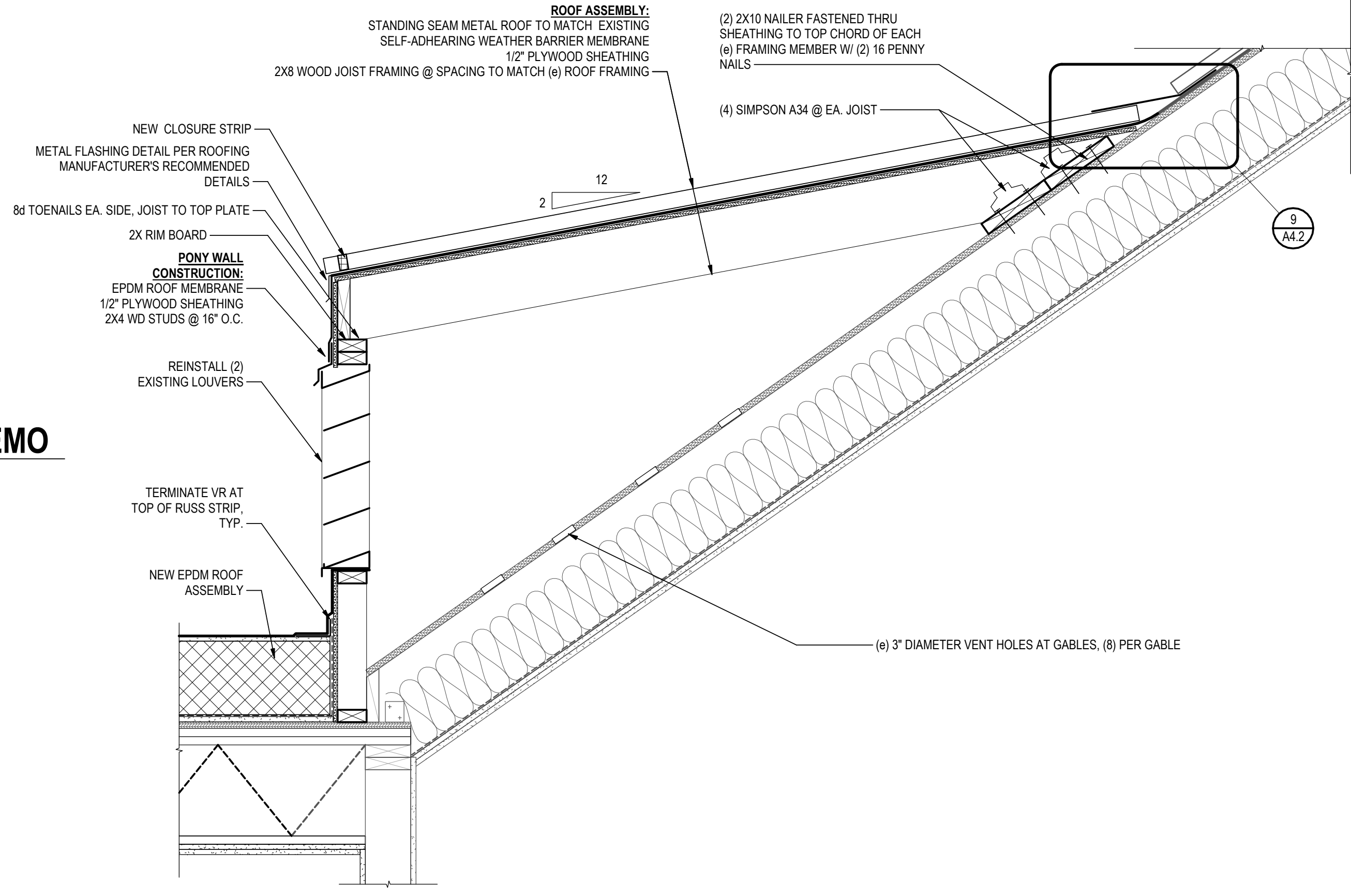
3 WEST ROOF GABLE DEMO
A4.1 1" = 1'-0"



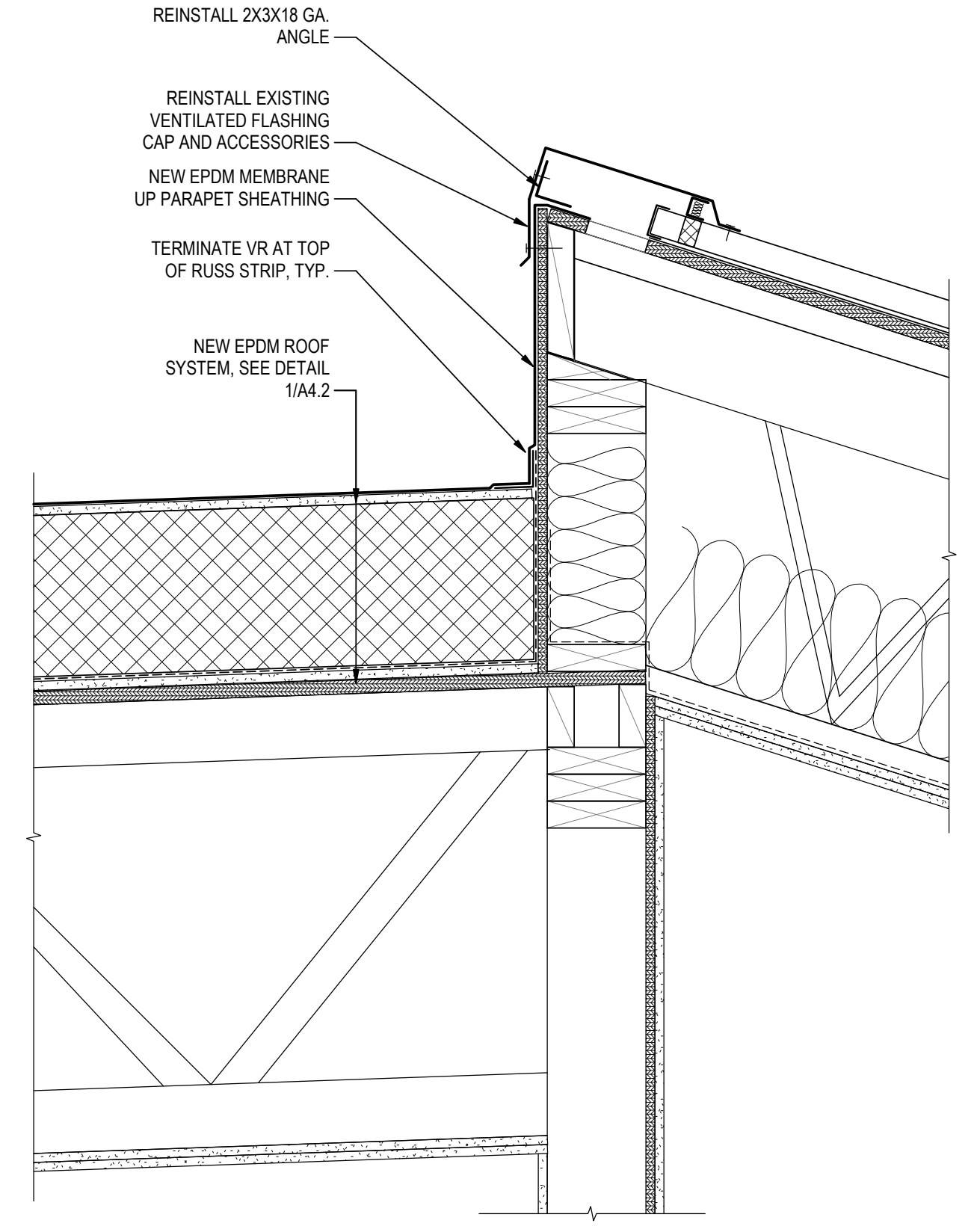
1 EAST ROOF TYP. PARAPET DEMO
A4.1 1 1/2" = 1'-0"



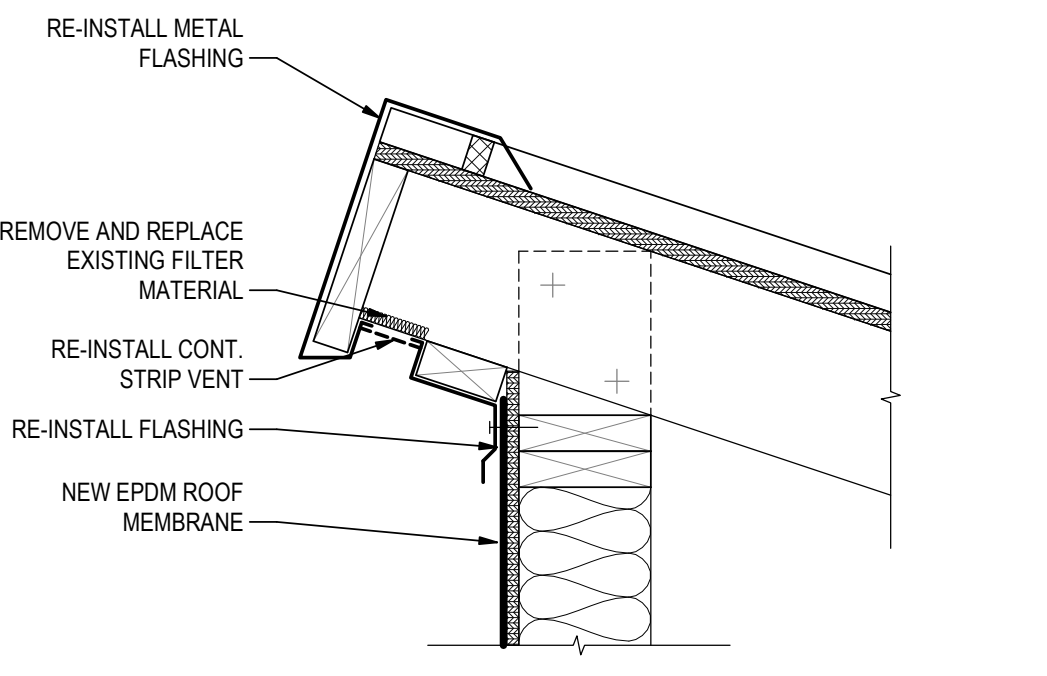
7 WEST ROOF TYP. PARAPET DEMO
A4.1 1 1/2" = 1'-0"



4 WEST ROOF GABLE RENOVATION
A4.1 1" = 1'-0"



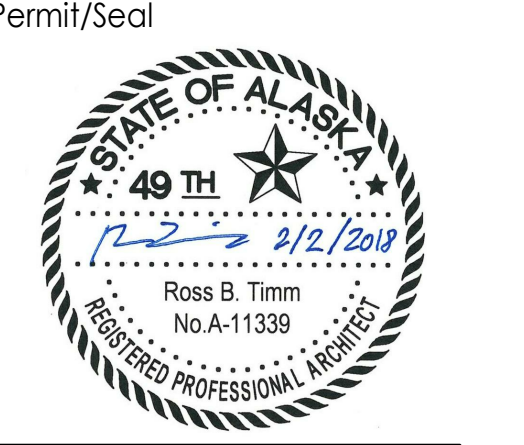
2 EAST ROOF TYP. PARAPET NEW
A4.1 1 1/2" = 1'-0"



8 WEST ROOF TYP. PARAPET RENOVATION
A4.1 1 1/2" = 1'-0"

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Rev.	By	App'd	Date	Description
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50	YYMM.DD			



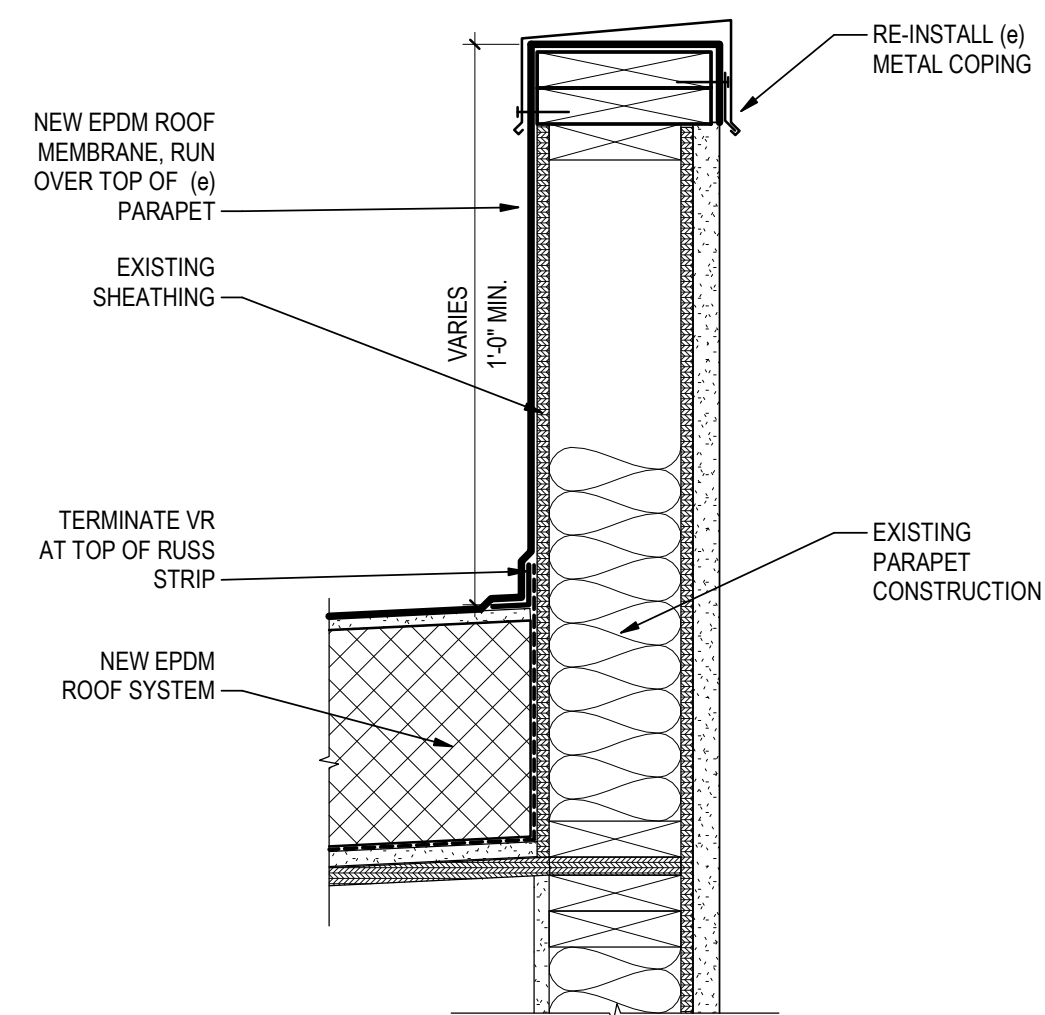
Client/Project: ALASKA COURT SYSTEM
PALMER COURTHOUSE ROOF REPLACEMENT
435 S. DENALI STREET
PALMER, ALASKA 99645

Project No.: 2046068501.2
File Name: N/A
Scale: As indicated

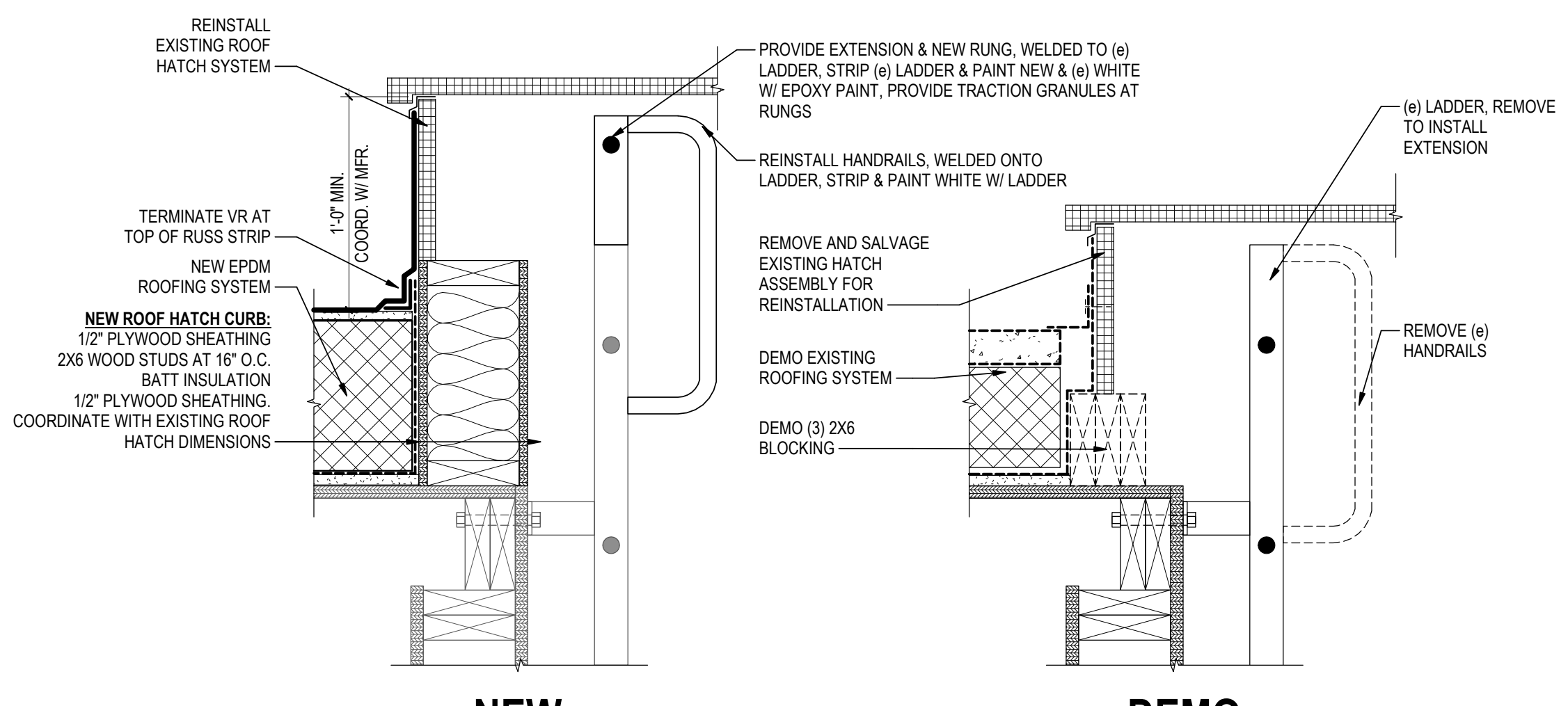
Rev.	By	App'd	Date	Description
1	RT	GG	2018.02.06	
2	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Revision:
Drawing No. **A4.1**

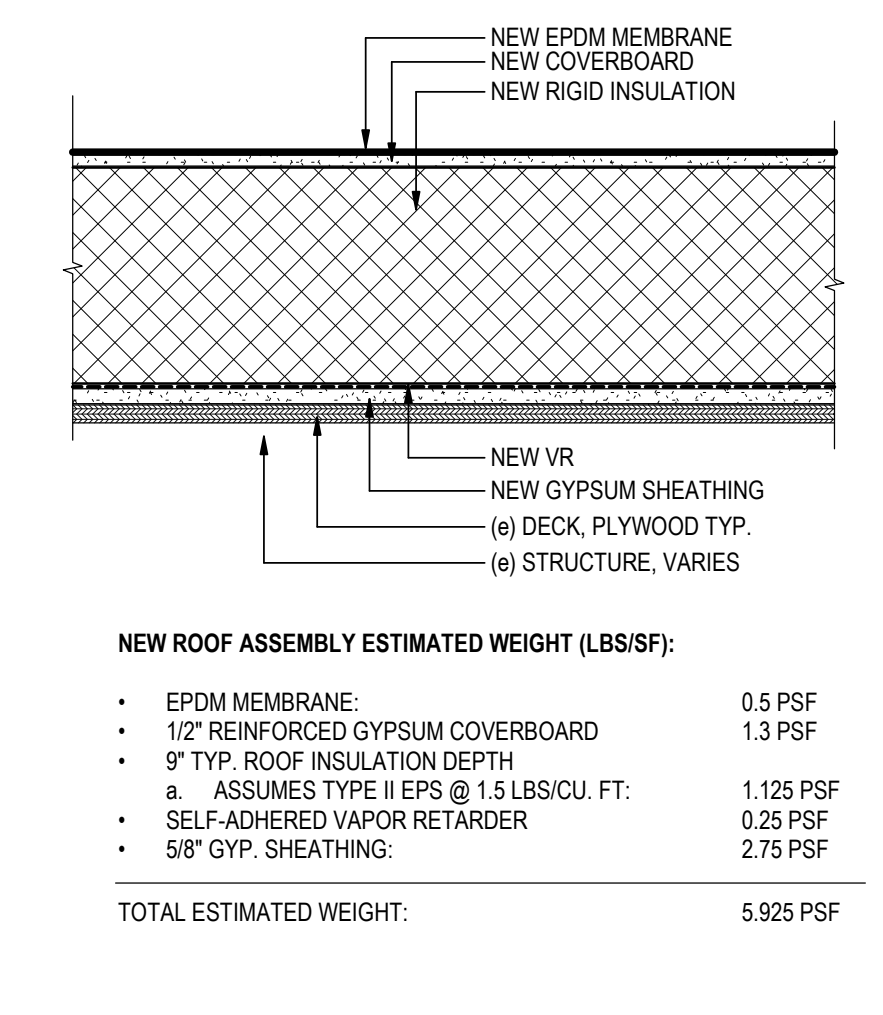
1/24/2018 10:32:30 PM
ORIGINAL SHEET - ANSI D



7 NEW ROOFING @ (e) LOW PARAPET
 A4.2 1 1/2" = 1'-0"



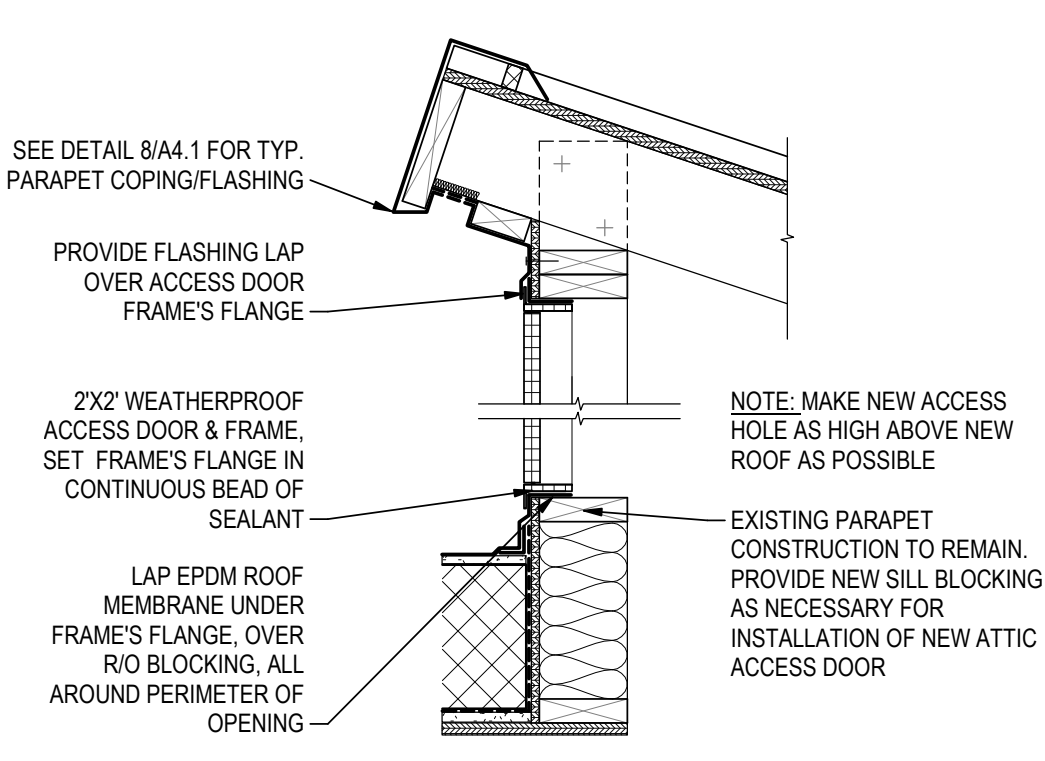
4 TYP. RAISED ROOF HATCH CURB
 A4.2 1 1/2" = 1'-0"



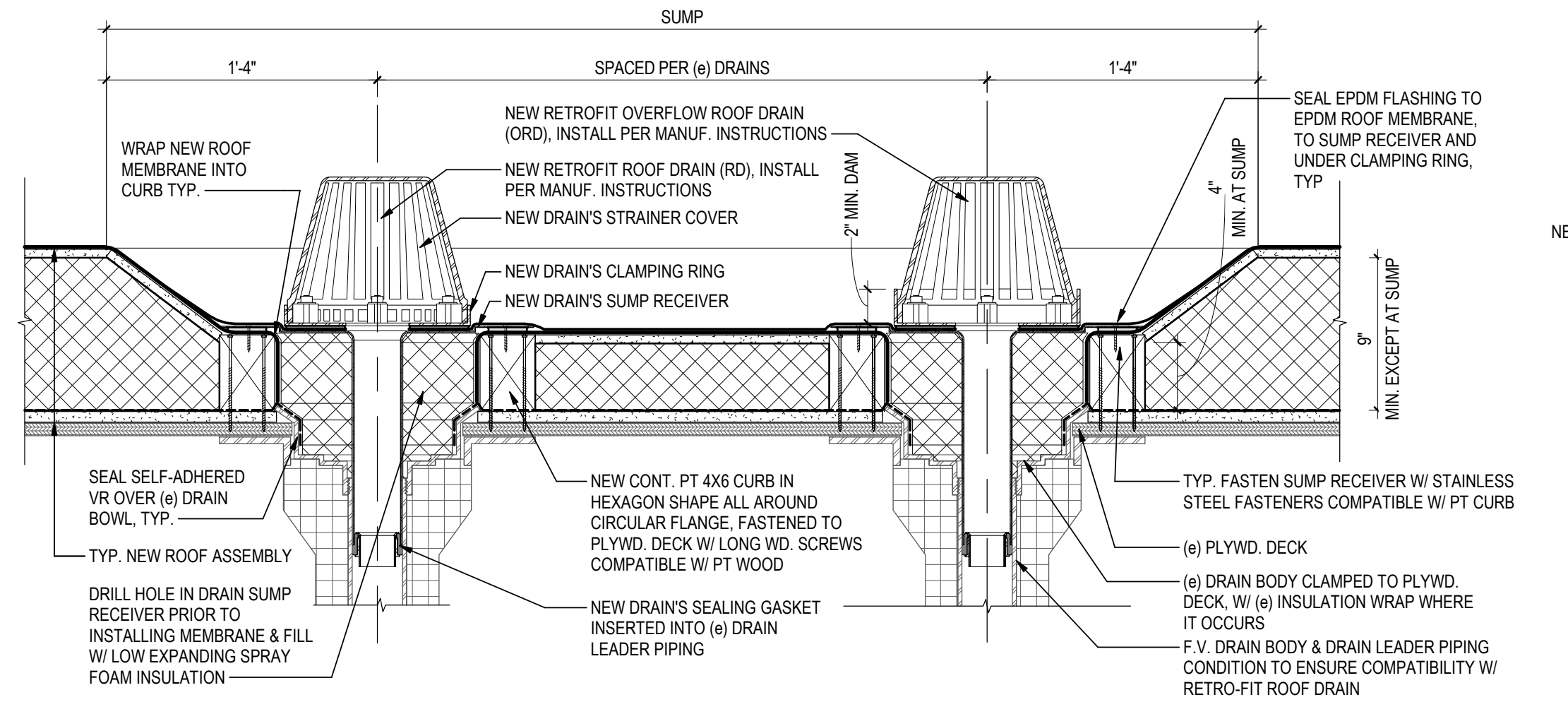
1 TYP. NEW EPDM ROOF ASSEMBLY
 A4.2 1 1/2" = 1'-0"

NEW ROOF ASSEMBLY ESTIMATED WEIGHT (LBS/SF):

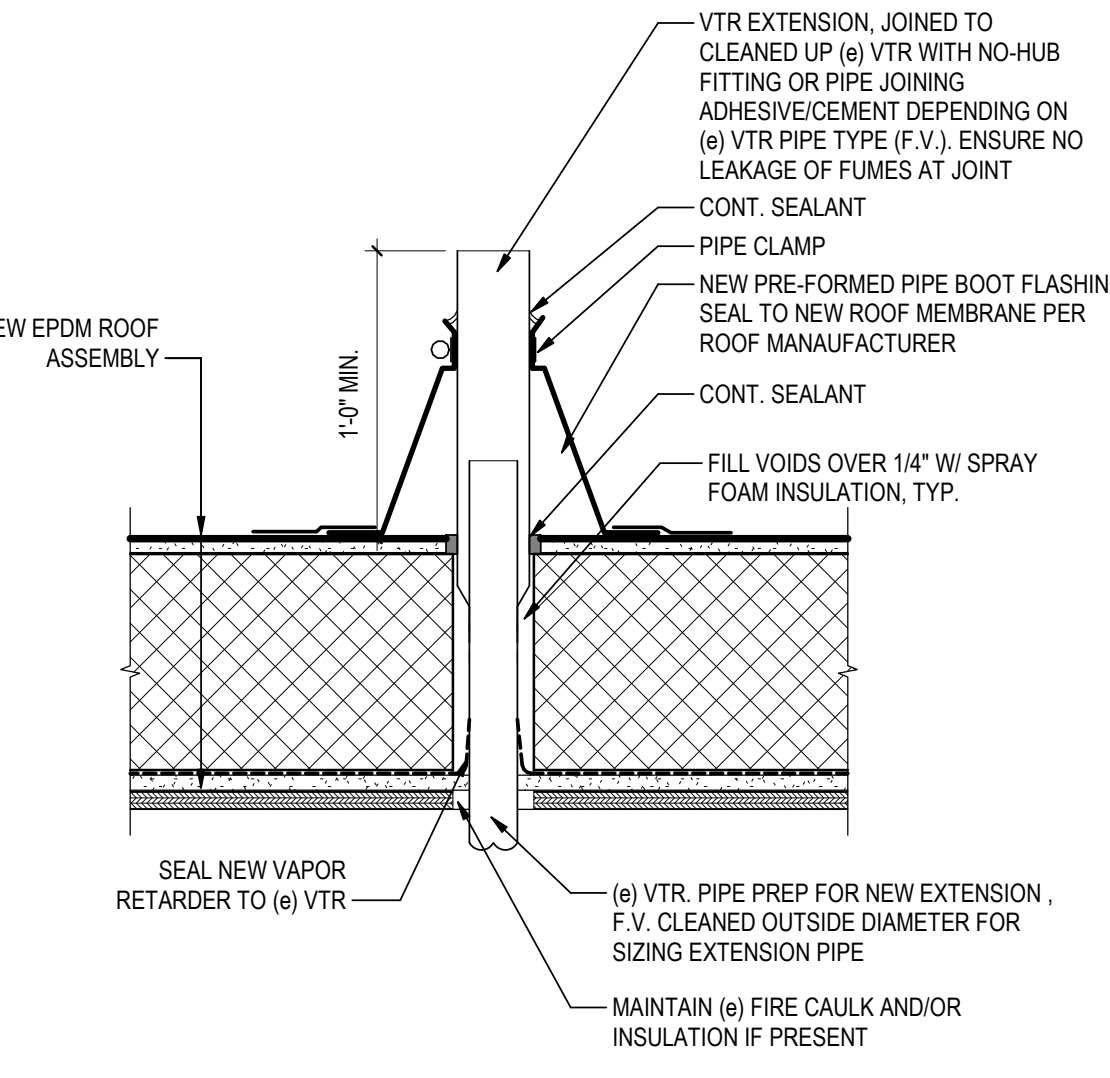
• EPDM MEMBRANE:	0.5 PSF
• 1/2\"/>	



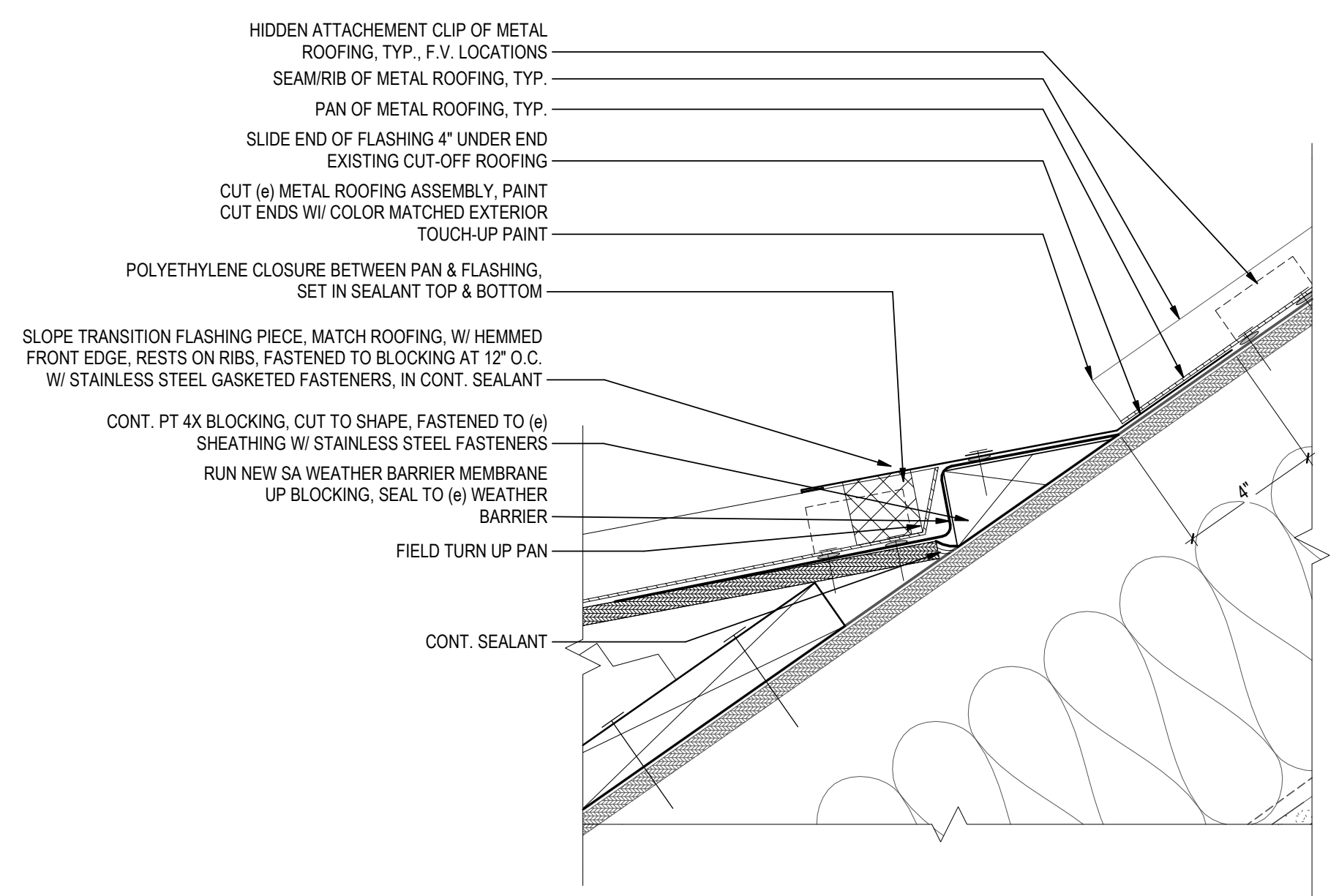
8 NEW ATTIC ACCESS DOOR
 A4.2 1" = 1'-0"



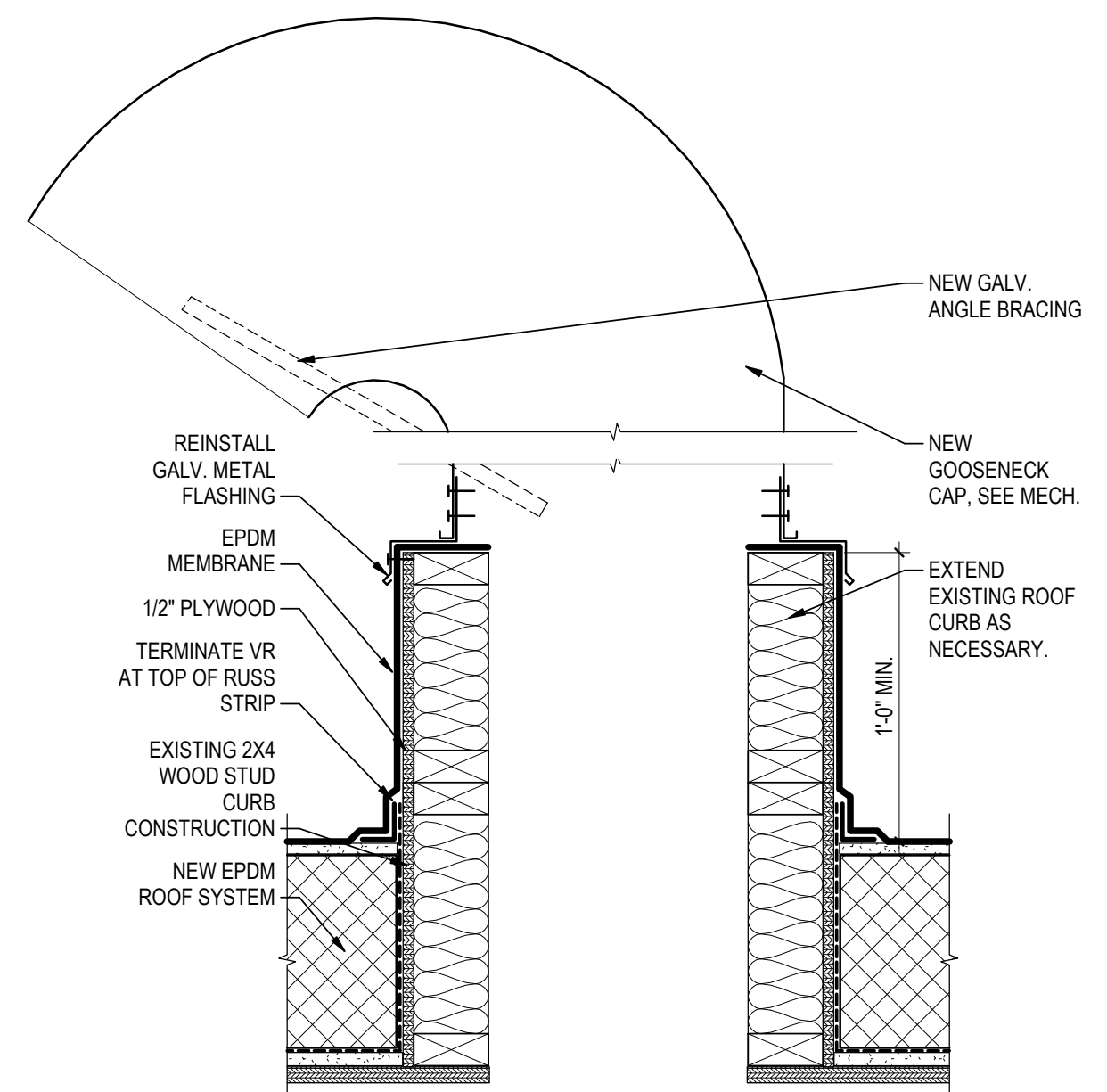
5 TYP. NEW RETROFIT DRAINS
 A4.2 1 1/2" = 1'-0"



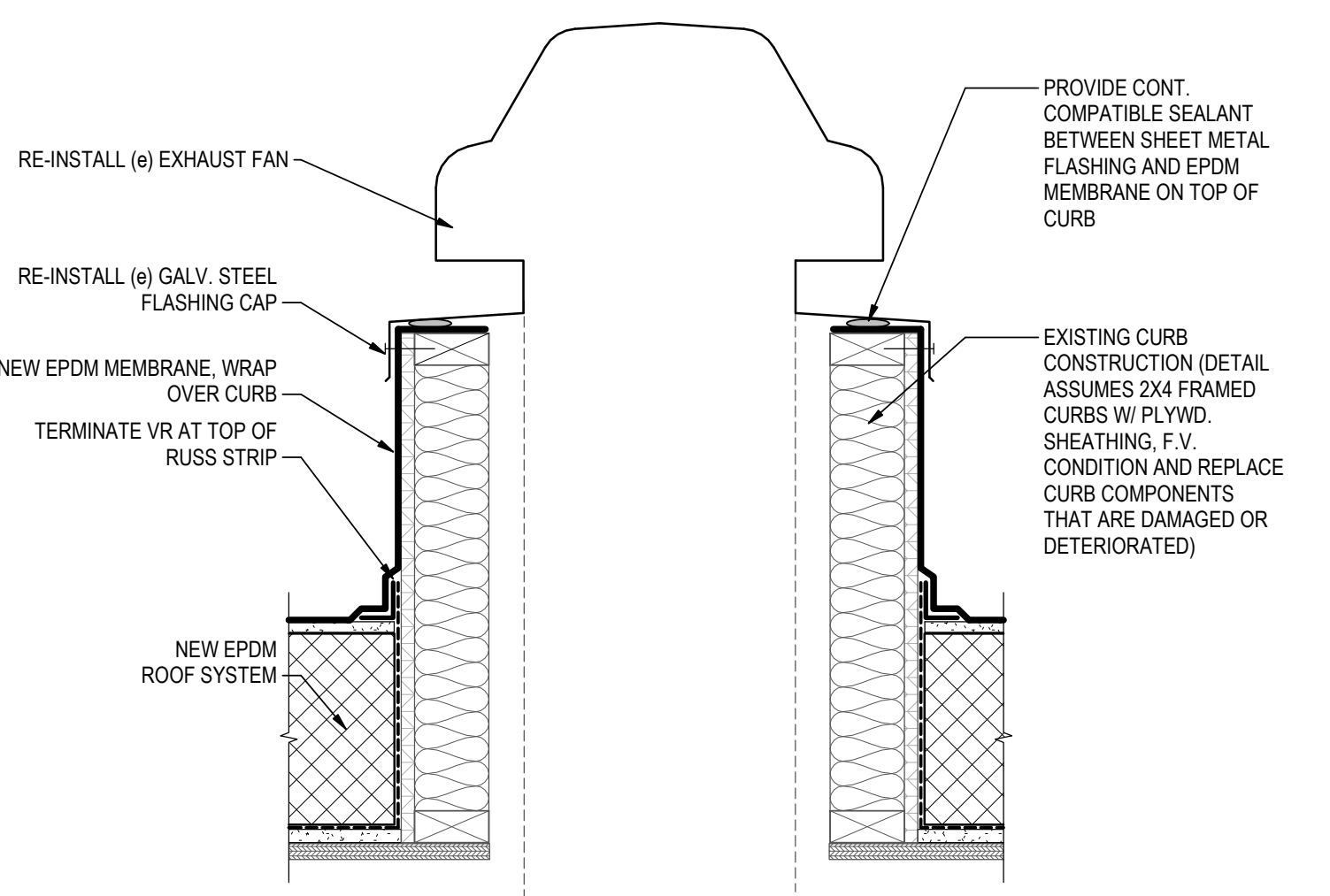
2 TYP. VTR EXTENSION & FLASHING
 A4.2 1 1/2" = 1'-0"



9 CU OF NEW TO (e) METAL ROOFING
 A4.2 3" = 1'-0"



6 S/A INTAKE CAP REPLACE.
 A4.2 1 1/2" = 1'-0"



3 TYP. NEW FLASHING O/ (e) CURB
 A4.2 1 1/2" = 1'-0"

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BY	APPROVED	DATE	REVISION
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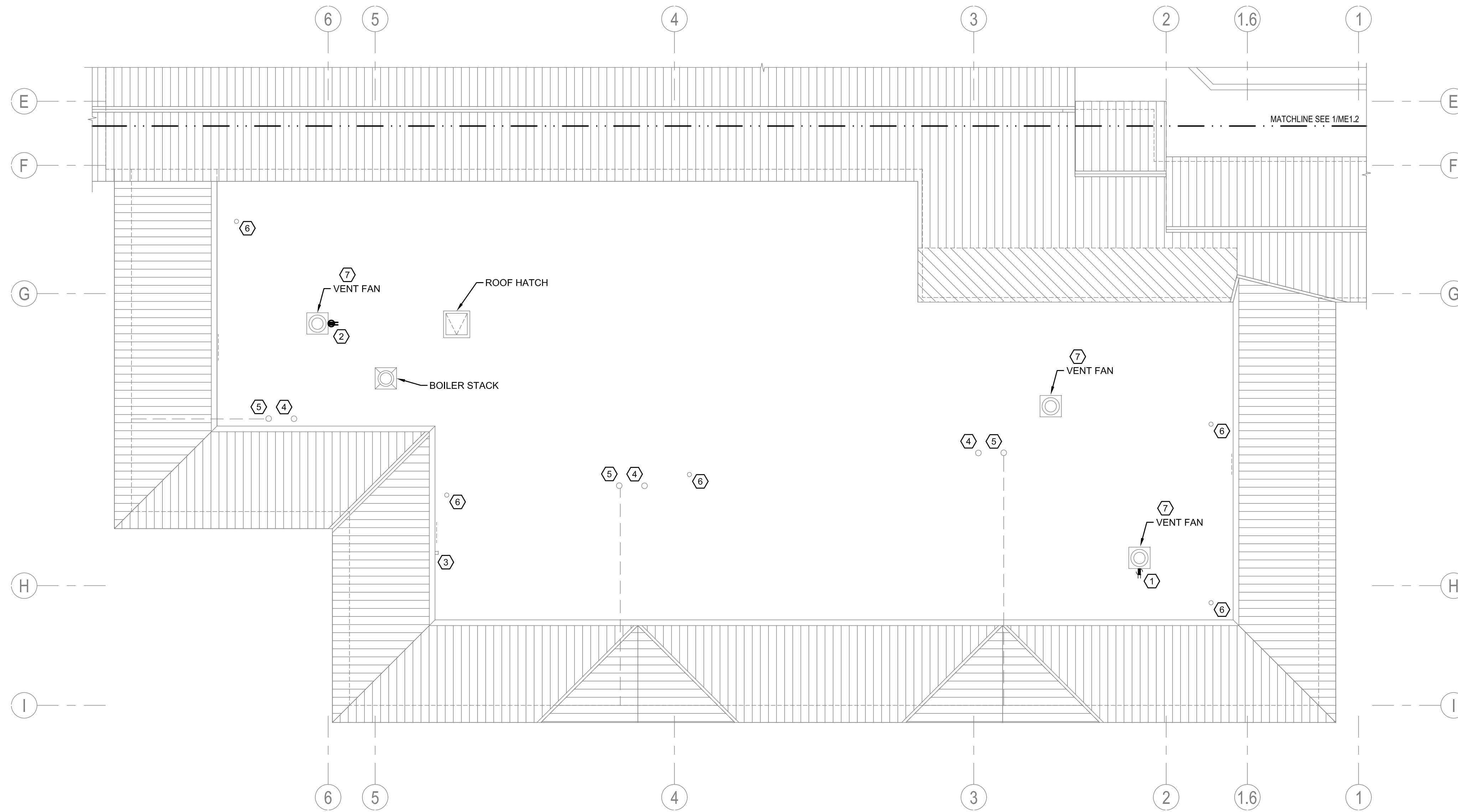


Client/Project: ALASKA COURT SYSTEM
 PALMER COURTHOUSE ROOF REPLACEMENT
 435 S. DENALI STREET
 PALMER, ALASKA 99645

Project No.: 2046068501.2
 File Name: N/A
 Scale: As indicated

Author	Designer	Checker	2018.02.02
Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Revision:
 Drawing No. **A4.2**



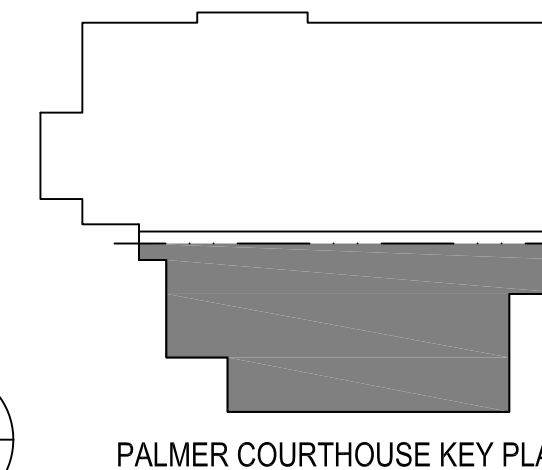
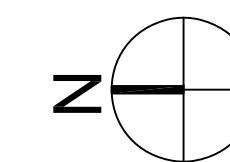
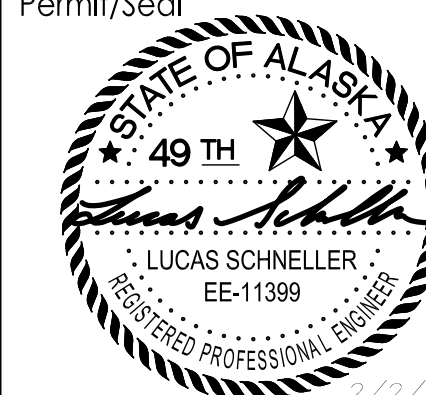
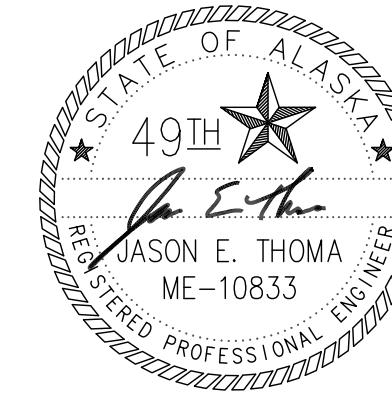
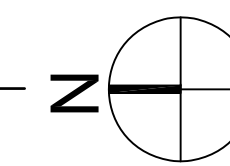
1 WEST ROOF - MECHANICAL & ELECTRICAL PLAN
 ME1.1 1/8" = 1'-0"

SHEET NOTES:

- EXISTING WEATHERPROOF GFI RECEPTACLE TO REMAIN.
- INSTALL NEW GFI RECEPTACLE WITH WEATHERPROOF WHILE IN USE COVER. MOUNT RECEPTACLE TO SIDE OF ROOF CURB AND EXTEND LFMC INTO FAN HOUSING, PENETRATING UNDER OVERHANG OF HOUSING SIMILAR TO EXISTING RECEPTACLE INSTALLATION. SERVE RECEPTACLE FROM EXISTING CIRCUIT SERVING VENT FAN. TAP OFF CIRCUIT IN DISCONNECT ENCLOSURE INSIDE FAN HOUSING UPSTREAM OF DISCONNECT.
- EXISTING ATMOSPHERIC PRESSURE SENSOR, CONTRACTOR SHALL PRESERVE SENSOR AND KEEP IN SERVICE DURING ROOF REPLACEMENT AND REINSTALL IN SIMILAR POSITION ONCE NEW ROOF IS INSTALLED.
- REMOVE EXISTING ROOF DRAIN AND SCREEN, PROVIDE NEW RETRO-FIT ROOF DRAIN EXTENSION UP TO NEW ROOF SURFACE. BASIS OF DESIGN IS THE HERCULES RETRODRAIN. CONTRACTOR SHALL VERIFY SIZE OF EACH DRAIN AND COORDINATE WITH ARCHITECTURAL.
- REMOVE EXISTING OVERFLOW ROOF DRAIN AND SCREEN, PROVIDE NEW RETRO-FIT ROOF DRAIN EXTENSION UP TO NEW ROOF SURFACE. BASIS OF DESIGN IS THE HERCULES RETRODRAIN WITH OVERFLOW DAM, CONTRACTOR SHALL VERIFY SIZE OF EACH DRAIN AND COORDINATE WITH ARCHITECTURAL.
- EXISTING PLUMBING VENT, EXTEND TO MINIMUM 12" ABOVE NEW ROOF SURFACE.
- REMOVE EXISTING FAN AND REINSTALL IN SAME LOCATION AFTER NEW ROOFING HAS BEEN INSTALLED, COORDINATE WITH ARCHITECTURAL.

ABBREVIATIONS:

- EMT ELECTRICAL METALLIC TUBING
- GFI GROUND FAULT CIRCUIT INTERRUPTER
- LFMC LIQUIDTIGHT FLEXIBLE METAL CONDUIT
- RMC GALVANIZED RIGID METAL CONDUIT

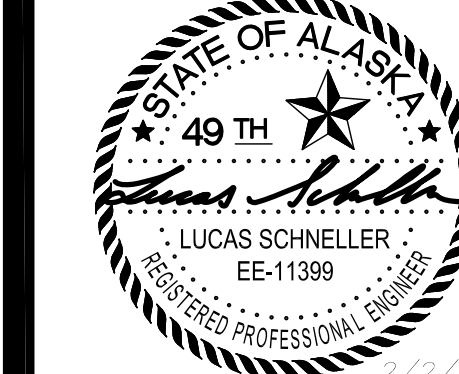


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Revision	By	App'd	YYYY.MM.DD

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Client/Project
 ALASKA COURT SYSTEM
 PALMER COURTHOUSE ROOF REPLACEMENT
 435 S. DENALI STREET
 PALMER, ALASKA 99645

Project No.: 2046068501.2

File Name: N/A

Scale: As indicated

LPS/JET	LPS/JET	Checker	2018.02.02
Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Title
 WEST ROOF MECHANICAL & ELECTRICAL PLAN

Revision:

Drawing No.

ME1.1

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 Anchorage, AK 99503-2245
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