

MATERIALS LEGEND

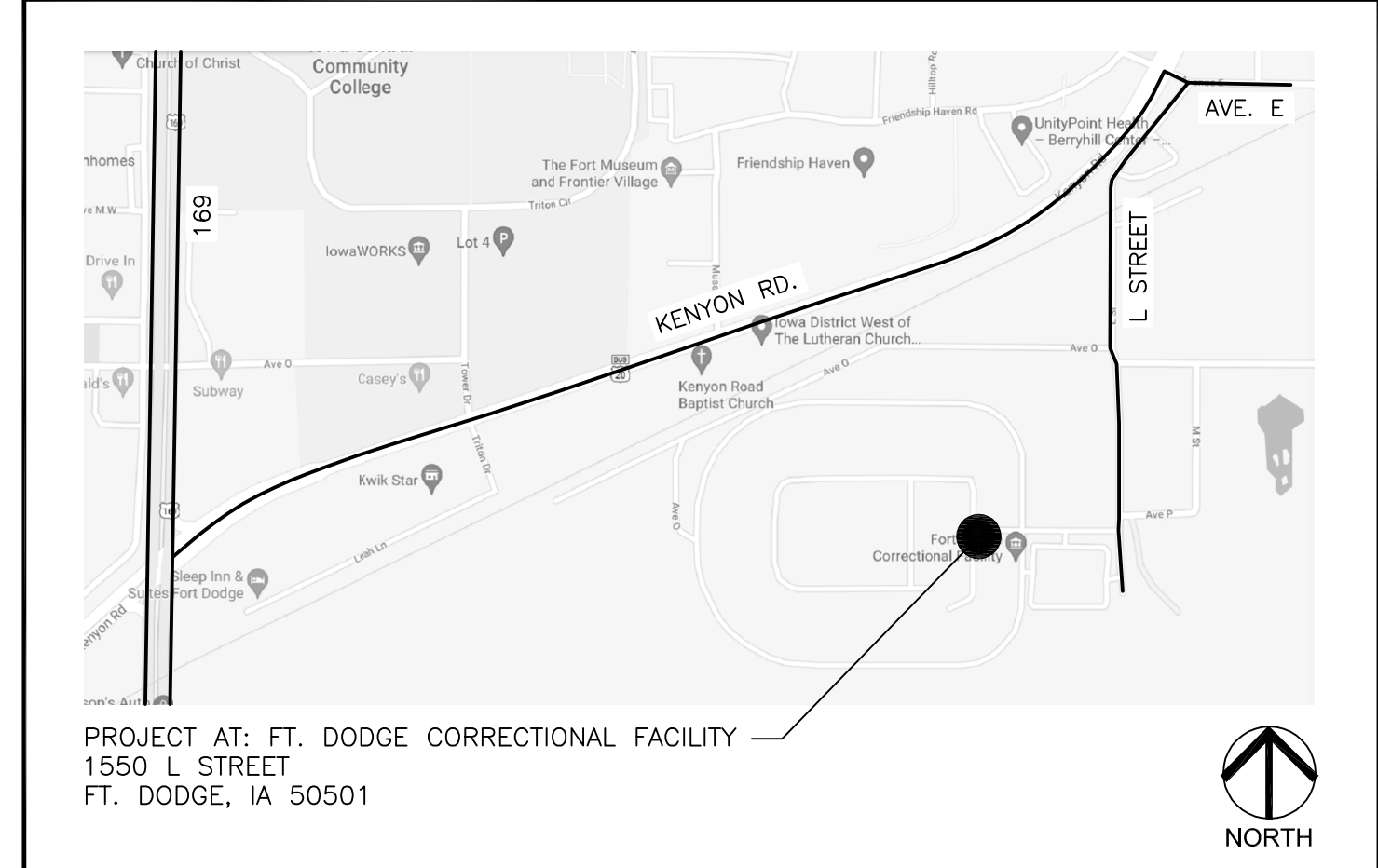
	EXISTING MATERIAL		PLYWOOD SHEATHING
	STEEL		CONTINUOUS WOOD BLOCKING
	CONCRETE		WOOD BLOCKING OR SHIM
	FIBER-CEMENT BOARD		WOOD TRIM
	GYPSUM BOARD/ PLASTER		BRICK
	BATT INSULATION		CONCRETE BLOCK
	RIGID BOARD INSULATION		SPRAYED FOAM INSULATION

DOC FDCF IPI ROOF REPLACEMENT

FT. DODGE CORRECTIONAL FACILITY
1550 L STREET
FT. DODGE, IA 50501

DAS PROJECT # 9453.00
GENESIS NO. 2412

LOCATION MAP



SYMBOLS LEGEND

	SECTION LABEL		KEY NOTE
	SHEET NUMBER		OPENING TYPE CALLOUT
	DETAIL NUMBER		WALL TYPE CALLOUT
	SHEET NUMBER		DOOR NUMBER
	EXTERIOR ELEVATION		ROOM NUMBER
	INTERIOR ELEVATION		ROOM NAME
	NEW ELEVATION		COLUMN GRID LINE
	EXISTING ELEVATION		MATCH LINE
	NEW FINISH GRADE CONTOURS		BENCH MARK
	UNCHANGED EXISTING GRADES		ELEVATION IN SECTION
	ALTERED EXISTING GRADES		FOOTING SIZE
			FOOTING ELEVATION

CONTACT INFO:

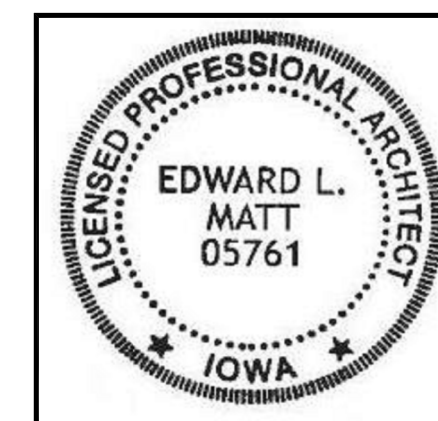
OWNERS:
STATE OF IOWA, DEPARTMENT OF ADMINISTRATIVE SERVICES 109 SE 13TH STREET DES MOINES, IOWA 50319 DAS REPRESENTATIVE: JENNIFER KLEENE
CLIENT:
DOC FT. DODGE CORRECTIONAL FACILITY 1550 L STREET FT. DODGE, IOWA 50501
CONSTRUCTION MANAGER:
MCGOUGH CONSTRUCTION 217 E. 2ND STREET, SUITE 120 DES MOINES, IA 50309 PROJECT MANAGER: NOAH THELEN M: 515-954-6888
ARCHITECT:
EDWARD L. MATT, AIA GENESIS ARCHITECTURAL DESIGN 939 OFFICE PARK ROAD WEST DES MOINES, IOWA 50265 PH: 515-440-1681

ABBREVIATIONS

ADJ	ADJUSTABLE	I&W	IN ACCORDANCE WITH	UNO	UNLESS NOTED OTHERWISE
A/E	ARCHITECT / ENGINEER	INCL	INCLUDED	VERT	VERTICAL
AMT	AMOUNT	INT	INTERIOR		
APPROX	APPROXIMATELY	IS	INSIDE		
ARCH	ARCHITECT			W	WIDTH
AVE	AVERAGE	JT	JOINT	W/	WITH
		KW	KEY WALL	W/O	WITHOUT
BD	BOARD	MAS	MASONRY	WCJ	WALL CONTROL JOINT
BLDG	BUILDING	MTL	METAL	WD	WOOD
BLK	BLOCK	MFR	MANUFACTURER	WEJ	WALL EXPANSION JOINT
BRK	BRICK	MIN	MINIMUM	WGT	WEIGHT
BSMT	BASEMENT	MISC	MISCELLANEOUS		
		MO	MASONRY OPENING		
CC	CENTER TO CENTER				
CJ	CONTROL JOINT	NIC	NOT IN CONTRACT		
CL	CENTER LINE	NO	NUMBER		
CMU	CONCRETE MASONRY UNIT	NOM	NOMINAL		
COL	COLUMN	NTS	NOT TO SCALE		
CONC	CONCRETE				
CONT	CONTINUOUS	OC	ON CENTER		
CONTR	CONTRACTOR	OPNG	OPENING		
CRS	COURSES	ORIG	ORIGINAL		
CTR	CENTER	OS	OUTSIDE		
D	DEPTH	PR	PAIR		
DEMO	DEMOLITION	PROT	PROTECTION		
DTL	DETAIL	PT	PAINT		
DIA	DIAMETER				
DIM	DIMENSION	R&R	REMOVE AND REPLACE		
DN	DOWN	RAD	RADIUS		
DO	REPEAT	RCJ	REINFORCED CONTROL		
DWG	DRAWING	JOINT	JOINT		
		RCMU	REINFORCED CONC.		
EA	EACH	MASONRY JT.	MASONRY JOINT		
EJ	EXPANSION JOINT	REBAR	REINFORCING BAR		
EJF	EXPANSION JOINT FILLER	REINF	REINFORCED		
ELEV	ELEVATION	REJ	ROOF EXPANSION JOINT		
ENGR	ENGINEER	REQ'D	REQUIRED		
EQ	EQUAL	REQMT	REQUIREMENT		
EX/EXST	EXISTING				
EXT	EXTERIOR	SECT	SECTION		
		SF	SQUARE FOOT OR FEET		
FND	FOUNDATION	SHT	SHEET		
FIN	FINISH	SIM	SIMILAR		
FLR	FLOOR	SPEC	SPECIFICATION		
FT	FOOT OR FEET	SQ	SQUARE		
		STD	STANDARD		
GA	GAUGE	STL	STEEL		
GALV	GALVANIZED				
GND	GROUND	T&B	TOP AND BOTTOM		
		TOW	TOP OF WALL		
H	HIGH	T.P.	TUCK POINT		
HGT	HEIGHT	TWF	THROUGH WALL FLASHING		
HORIZ	HORIZONTAL	TYP	TYPICAL		

SHEET INDEX

ARCHITECTURAL
A0.0 COVER, SHEET INDEX, CONTACTS, SYMBOLS, & ABBREVIATIONS
A0.1 LOCATION AND STAGING MAP
A1.0 IPI BUILDING ROOF PLAN
A2.0 ROOF DETAILS



I hereby certify that the portion of this technical submission described below was prepared by me or under my supervisor and responsible charge. I am a duly registered Architect under the laws of the State of Iowa.

Signature 05761
Edward L. Matt Reg. No.
Pages or Sheets covered in part or whole by this seal:
A0.0, A0.1, A1.0, & A2.0.
Date Issued: JAN. 22, 2025

ARCHITECT

939 OFFICE PARK ROAD SUITE 101
WEST DES MOINES, IOWA 50265-2505
TEL: 515-440-1681
FAX: 515-440-1687



PROJECT TITLE

DOC FDCF IPI ROOF REPLACEMENT

FT. DODGE CORRECTIONAL FACILITY
1550 L STREET
FT. DODGE, IA 50501

SHEET CONTENTS

COVER SHEET INDEX
SYMBOLS & ABBREVIATIONS

REVISIONS	
NOTE	DATE

DAS PROJECT NO.

9453.00

GENESIS PROJECT NO.

2412

ISSUE DATE
JAN. 22, 2025

SHEET NUMBER

A0.0

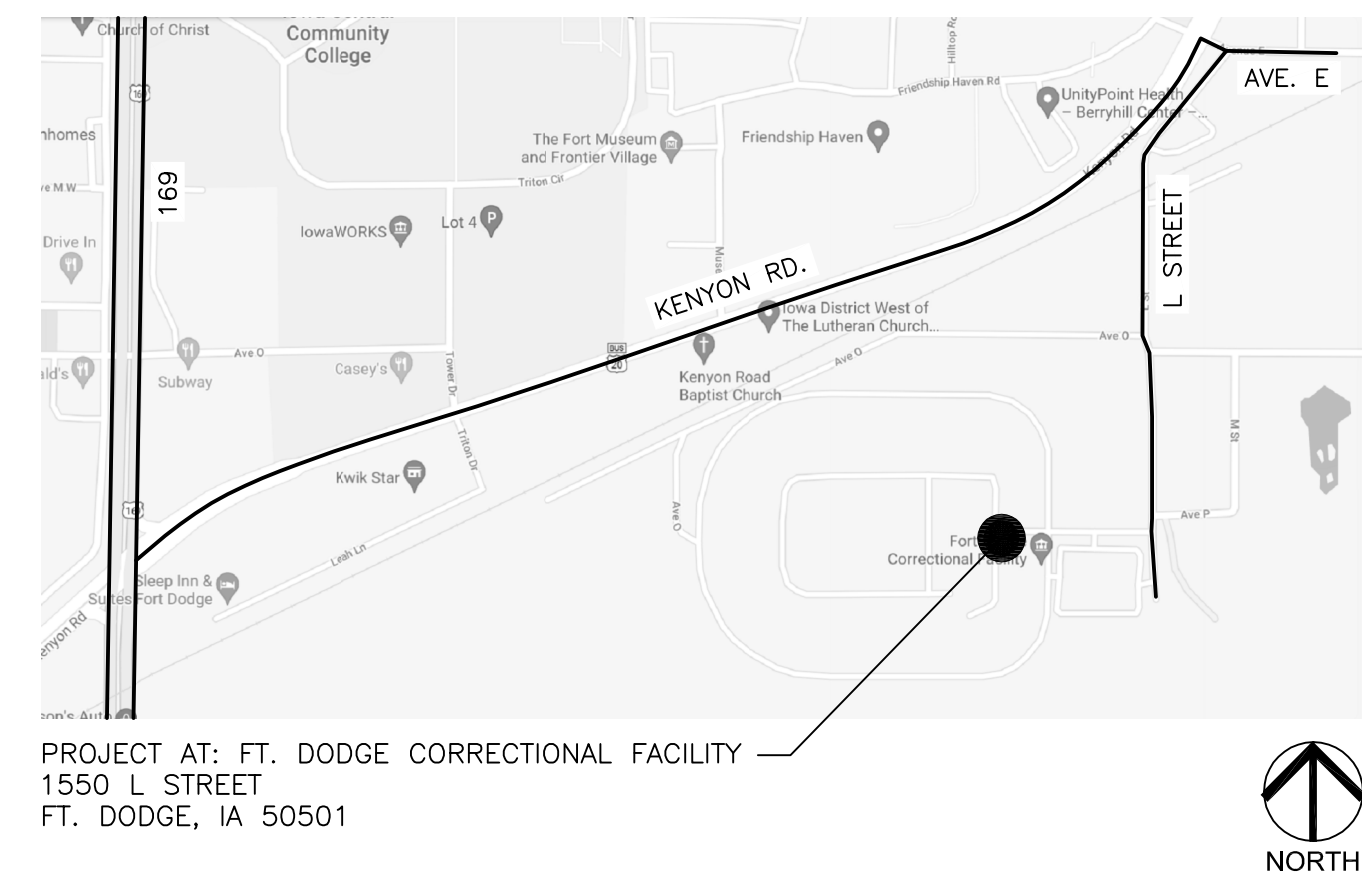
1 OF: 4

STAGING & SECURITY NOTES:

- 1. ALL CONTRACTOR'S PERSONNEL ARE TO HAVE BACKGROUND CHECKS PREAPPROVED BEFORE BEING ALLOWED ON SITE FOR WORK.
- 2. CONTRACTOR'S PERSONNEL ARE TO FOLLOW ALL RULES FOR CONSTRUCTION WORKERS & ATTEND CONTRACTOR'S PREA ORIENTATION. SEE SPECIFICATION FOR REQUIREMENTS.
- 3. CONTRACTOR TO COORDINATE IN ADVANCE WITH FDCF STAFF FOR ALL GATE PASSINGS. GATE LOCATIONS ARE IDENTIFIED IN THE SKETCH BELOW. KEEP GATES CLEAR AT ALL TIMES EXCEPT FOR COORDINATED PASSINGS.
- 4. CONTRACTOR TO COORDINATE PROPOSED DAILY WORK SCHEDULE WITH FDCF STAFF AND CONSTRUCTION MANAGER. IDENTIFY THE SCOPE FOR EACH DAY'S WORK AND REQUIRED MATERIALS.
- 5. ALL WORK AREAS ARE TO BE THOROUGHLY CLEANED UP AT THE END OF EACH DAY.
- 6. SEE SPECIFICATION FOR DAILY TOOL INVENTORY REQUIREMENTS. A STANDARDIZED LIST OF DAILY TOOLS ENTERING AND EXITING IS PREFERRED. ALL CONSTRUCTION EQUIPMENT MUST BE REMOVED FROM THE PRISON DAILY TO THE DESIGNATED STAGING AREA IN THE PARKING LOT & IN THE NORTH YARD STAGING AREA.
- 7. CONTRACTOR IS RESPONSIBLE TO PROVIDE A TRAILER FOR DAILY HAULING IN AND OUT CONSTRUCTION WASTE AND NEW MATERIALS.
- 8. SEE SPECIFICATION FOR WORK HOURS. COORDINATE ANY PROPOSED EXTENDED WORK HOURS INCLUDING WEEKENDS.
- 9. PROTECT LAWN & PAVEMENT FROM EQUIPMENT AND LIFTS. CONTRACTOR TO REPAIR LAWN, RUTS & RESEED. OWNER WILL WATER LAWN. ANY OTHER DAMAGE IS RESPONSIBILITY OF CONTRACTOR.

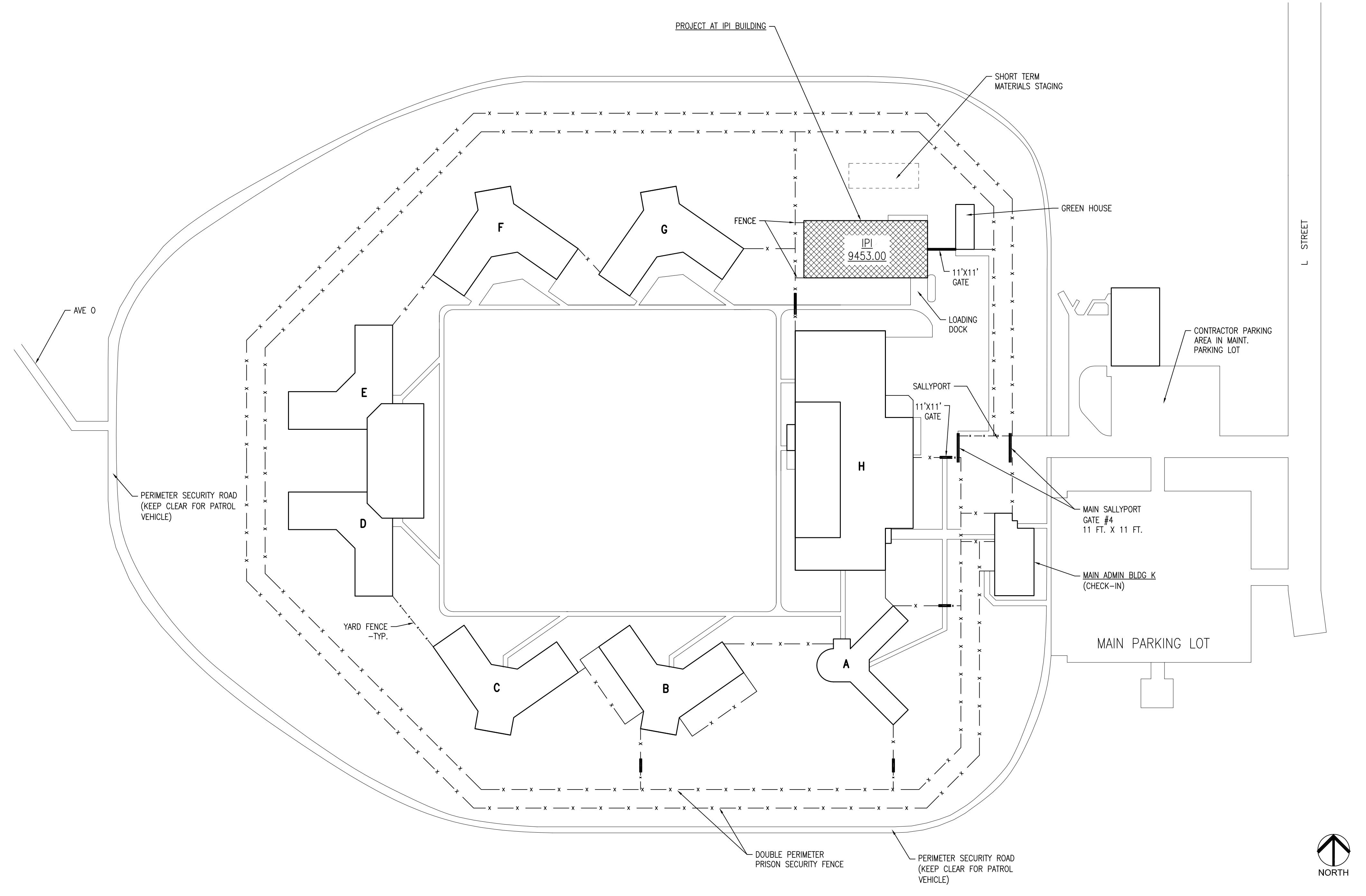
LOCATION MAP

N.T.S.



STAGING & SECURITY MAP:

N.T.S.



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ARCHITECTURAL DESIGN

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LOCATION AND STAGING MAP

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GENERAL NOTES:

1. REMOVE AND DISPOSE OFF SITE ALL DEMOLISHED MATERIALS, METAL TRIM & ANY WATER DAMAGE INSULATION WHERE INDICATED.
2. CONTRACTOR TO VERIFY ALL DIMENSIONS AND QUANTITIES.
3. SF QUANTITIES ARE ESTIMATES ONLY. CONTRACTOR TO FIELD VERIFY ACTUAL SF.
4. DETAILS MAY VARY DEPENDING ON MANUFACTURER'S WARRANTY REQUIREMENTS.
5. QUANTITY, SIZE & LOCATIONS OF ALL ROOF PENETRATIONS ARE APPROXIMATED. CONTRACTOR TO FIELD VERIFY.
6. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO ARCHITECT PRIOR TO PROCEEDING WITH ANY WORK.
7. CONTRACTOR TO COORDINATE ALL WORK WITH OTHER TRADES AND COORDINATE SCHEDULE WITH CONSTRUCTION MANAGER.
8. CONTRACTOR TO MATCH EXISTING ROOF SLOPE. ALL CRICKETS TO BE 1/2" SLOPE.
9. CONTRACTOR IS TO REMOVE & REINSTALL LIGHTING PROTECTION CABLES & RODS. PROVIDE NEW CABLE CLIPS AS NECESSARY. RECERTIFICATION IS NOT REQUIRED.
10. STORE PRIMERS & ADHESIVES OUTSIDE PERIMETER FENCE EXCEPT FOR DAILY USE.
11. PATCH OR REPLACE WATER DAMAGED AND STAINED INTERIOR LINER INSULATION AT LOCATIONS AS INDICATED.

COLOR SELECTIONS

1. 60 MIL ROOF: BLACK EPDM
2. PREFINISHED METAL: MEDIUM BRONZE

EXISTING ROOF CONSTRUCTION:

EXISTING ROOF AREAS, SLOPES AND DETAILS HAVE BEEN REPRESENTED AS ACCURATELY AS POSSIBLE. VARIATIONS MAY OCCUR.

1. STANDING SEAM METAL ROOF
2. METAL BUILDING BATT INSUL. W/ LINER (INSIDE BUILDING)

ROOF CLASSIFICATION:

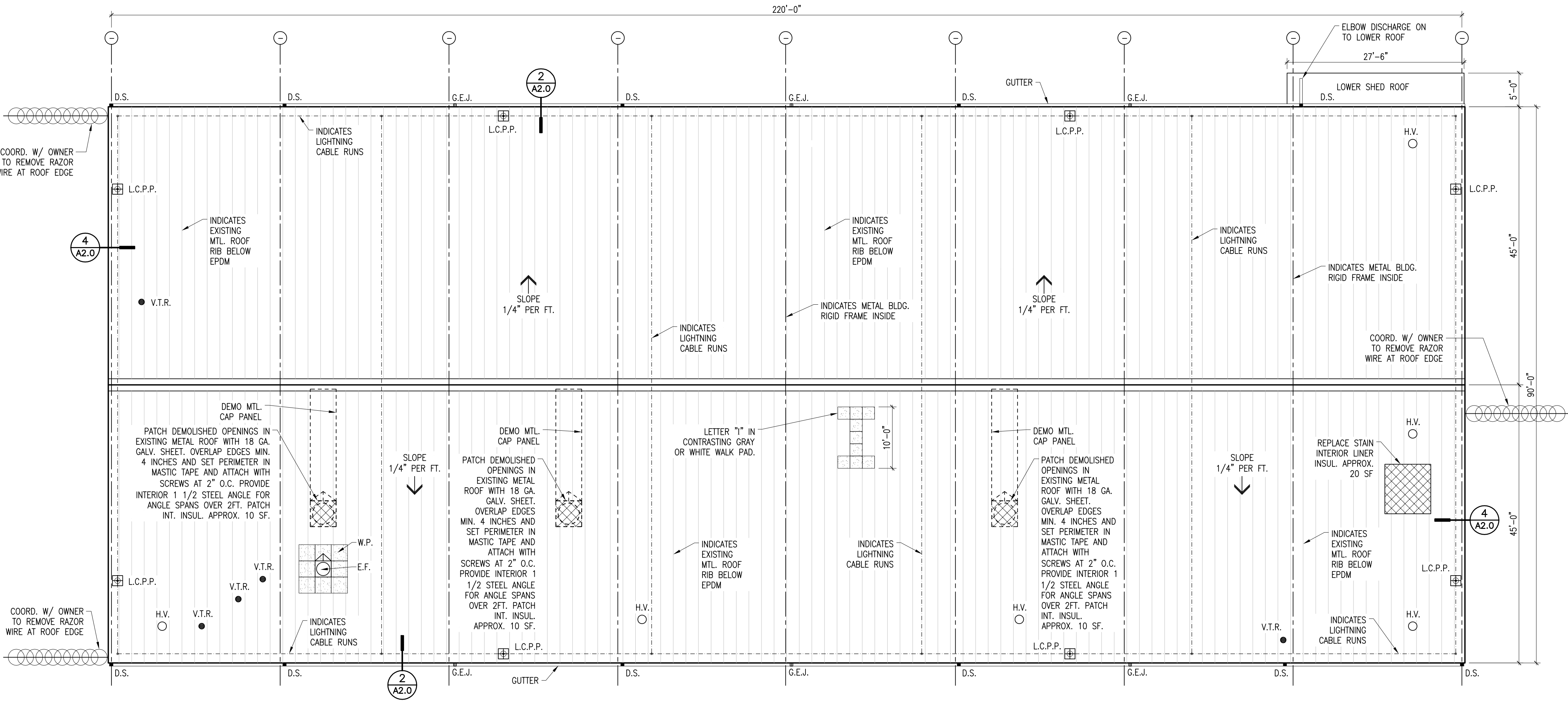
NEW ROOF TO MEET EXISTING ROOF CLASSIFICATION "C".

NEW ROOF CONSTRUCTION:

1. 60 MIL FULLY EPDM - NEW ADHERED
2. 1/2" H.D. POLYISO COVER BOARD FULLY ADHERED
3. 1 1/2" POLYISO RIDGID INSULATION - MECH. FASTENED
4. 3" EPS FOAM INSULATION. - MECH. FASTEN & CUT TO FIT BETWEEN EXISTING METAL ROOF RIBS.
5. EXISTING STANDING TRUNCATED METAL ROOF
6. EXISTING METAL BUILDING INSULATION W/ LINER (INSIDE BUILDING, PATCH OR REPLACE WATER DAMAGED INSULATION AS INDICATED -SEE DRAWINGS.

ROOF SYMBOLS & NOTES:

- | | | |
|-----|--|---|
| ● | V.T.R. - VENT THRU ROOF | SEE DETAILS: 5/A2.0 |
| ⊕ | L.C.P.P. - LIGHTING CABLE PROTECTION PENETRATION | SEE DETAILS: 8/A2.0 |
| --- | L.R.C. - LIGHTING ROD & CABLES | VERIFY, REMOVE & REINSTALL TO EXISTING LOCATIONS-SEE 7/A2.0 |
| ⊗ | E.F. - EXHAUST FAN | SEE DETAIL: 6/A2.0 |
| ⌵ | D.S. - DOWN SPOUT | REMOVE & REPLACE. APPROX. 4 FT. LENGTH EACH. |
| ▨ | INDICATES AREA FOR PATCHING INSULATION | PATCH/REPAIR INSIDE BUILDING INSULATION WITH 8" THICK LINER INSULATION. |
| ■ | W.P. - WALK PAD | PLACED 4 SIDES AT ALL EXHAUST FANS & MECH EQMT TYPICAL |
| ⊞ | G.E.J. - GUTTER EXPANSION JOINT | CAPPED ENDS WITH CAP FOR EXPANSION, MAX 50 FT. SEE DETAIL 9/A2.0 |
| ○ | H.V. - HEATER VENT | 6" DIA. METAL HEATER VENT. SIM. TO 5/A2.0 |

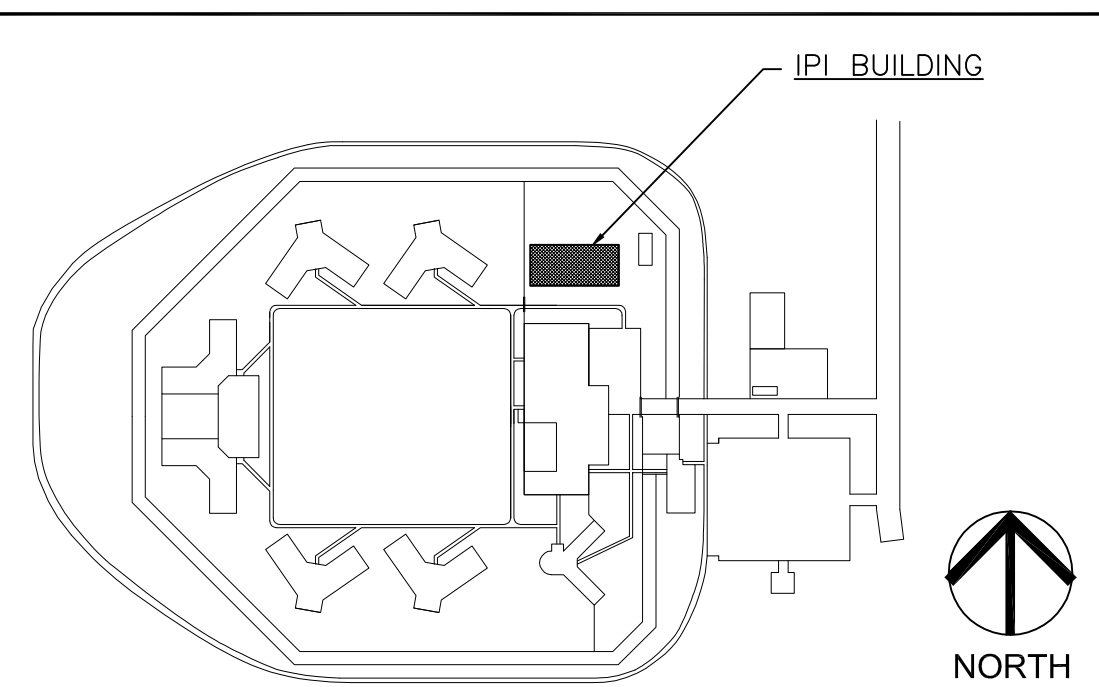


IPI ROOF PLAN

SCALE: 3/32" = 1'-0"

APPROX ROOF AREA = 19,800 SF

KEY PLAN: FT. DODGE CORRECTIONAL FACILITY N.T.S.



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IPI BUILDING
ROOF PLAN

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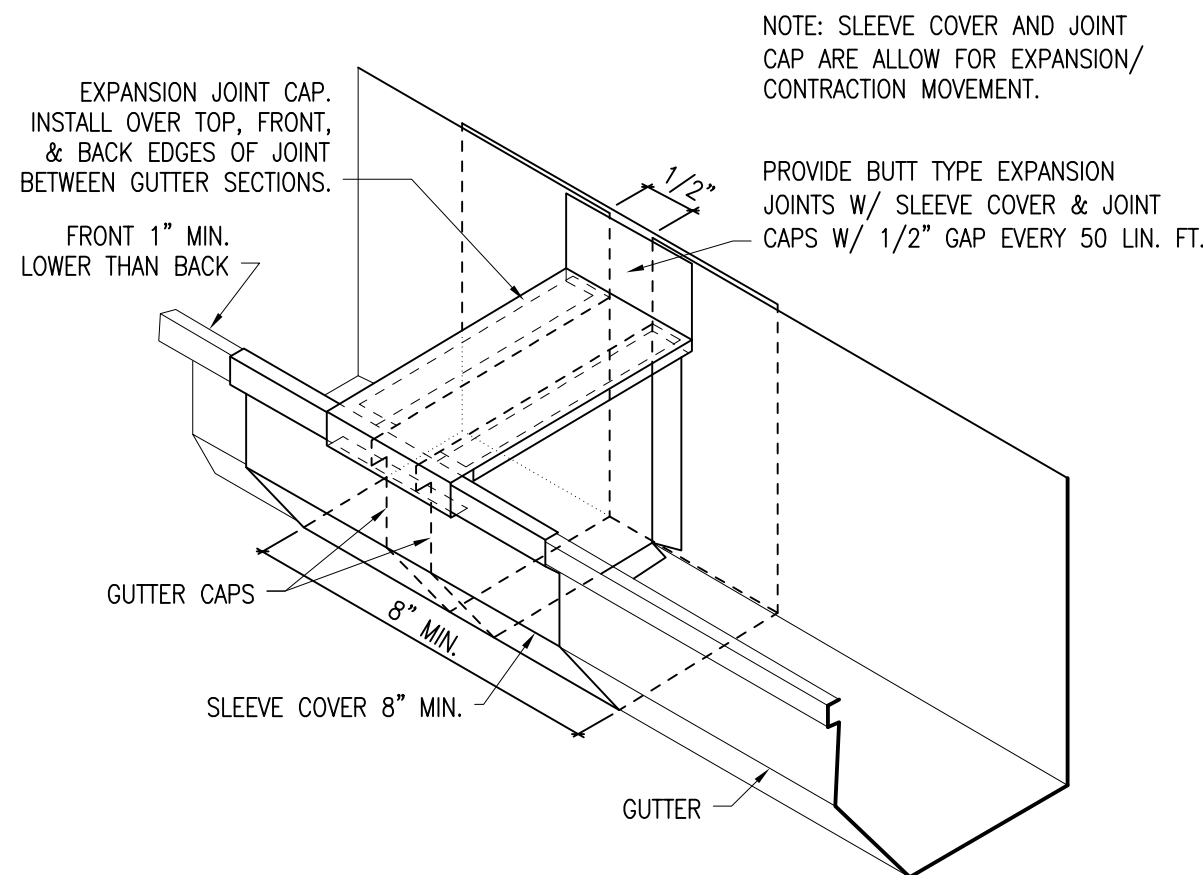
ISSUE DATE

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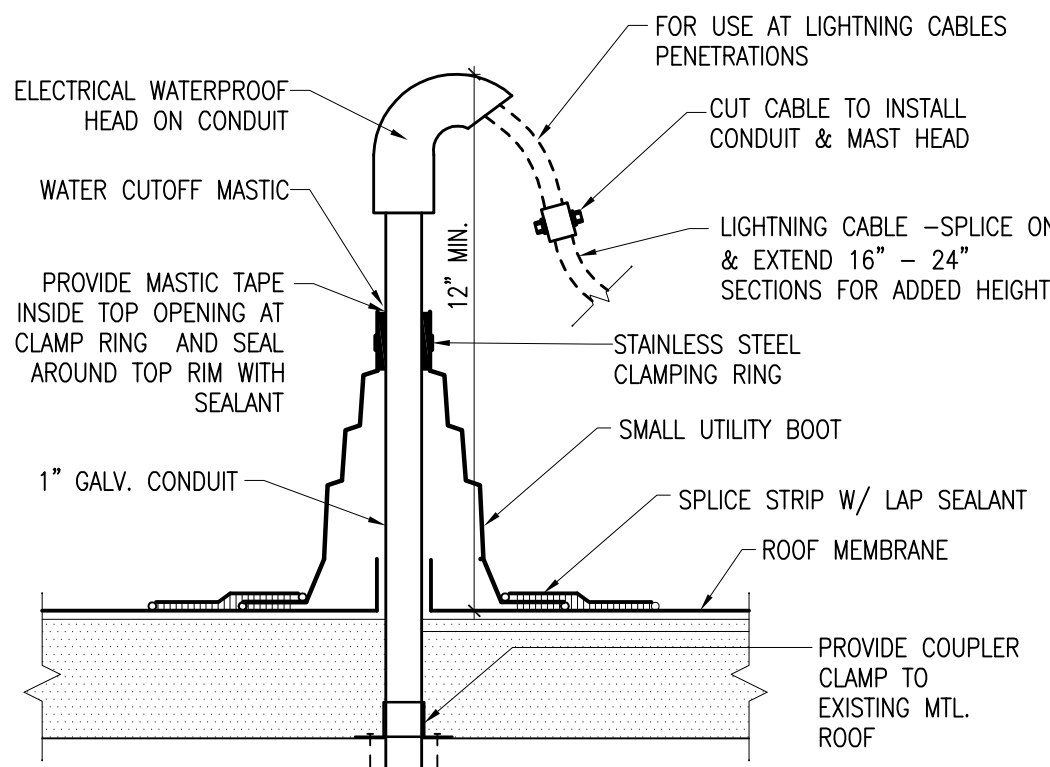
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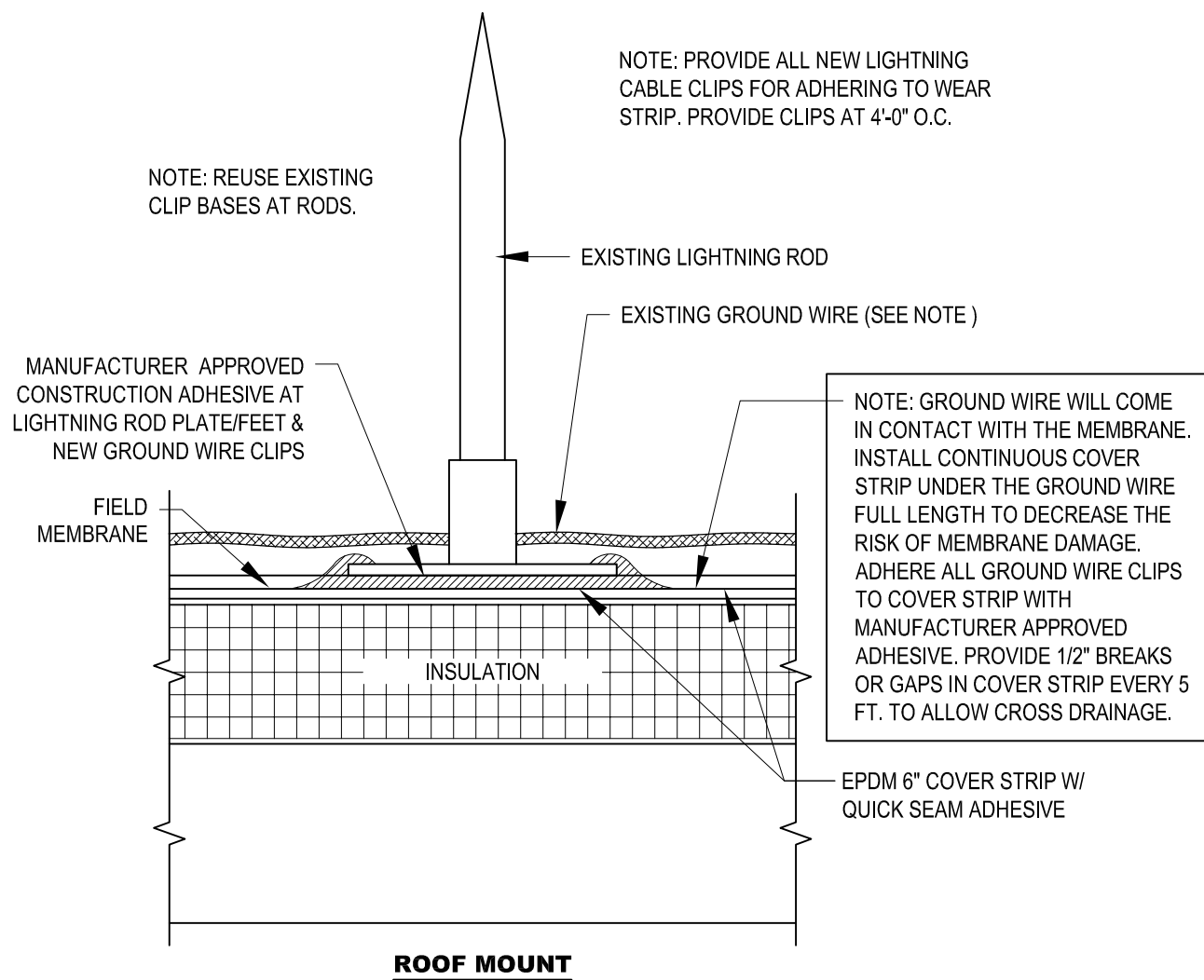
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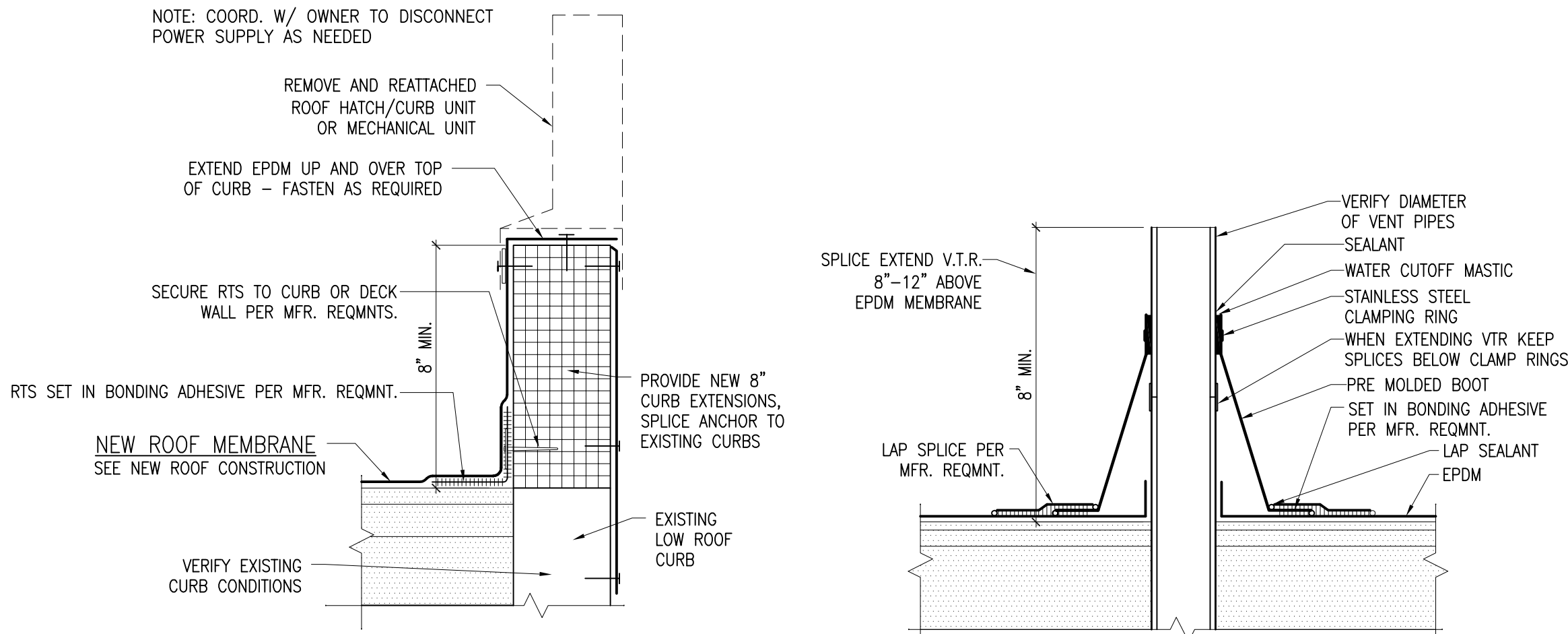
TYP. GUTTER EXPANSION JOINT
N.T.S.



SMALL CABLE BOOT FLASHING
N.T.S.



LIGHTING PROTECTION DETAIL
N.T.S.

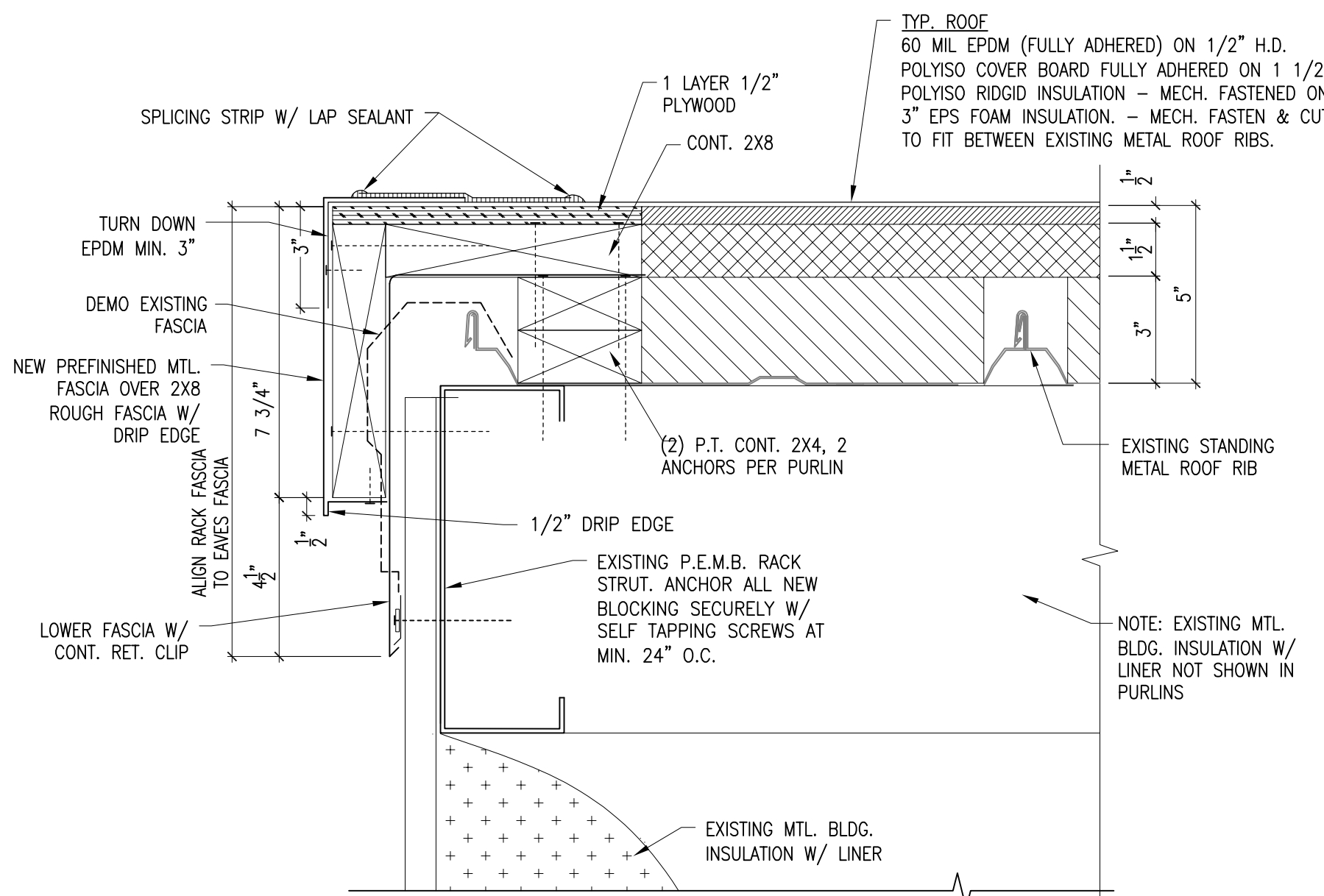


EXISTING MECH. CURB DETAIL
SCALE 3" = 1'-0"

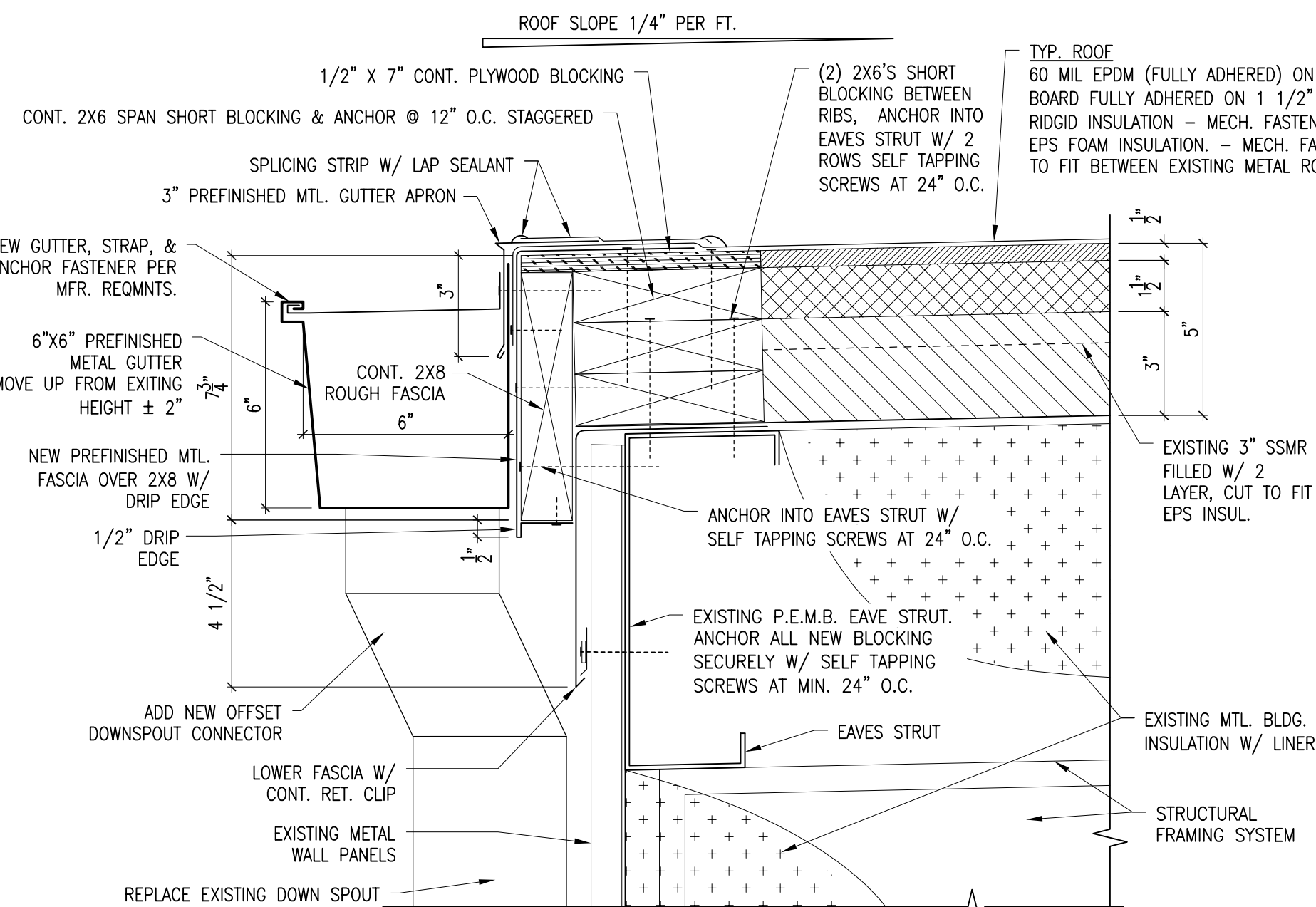
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A2.0

VTR FLASHING DETAIL
SCALE 1 1/2" = 1'-0"

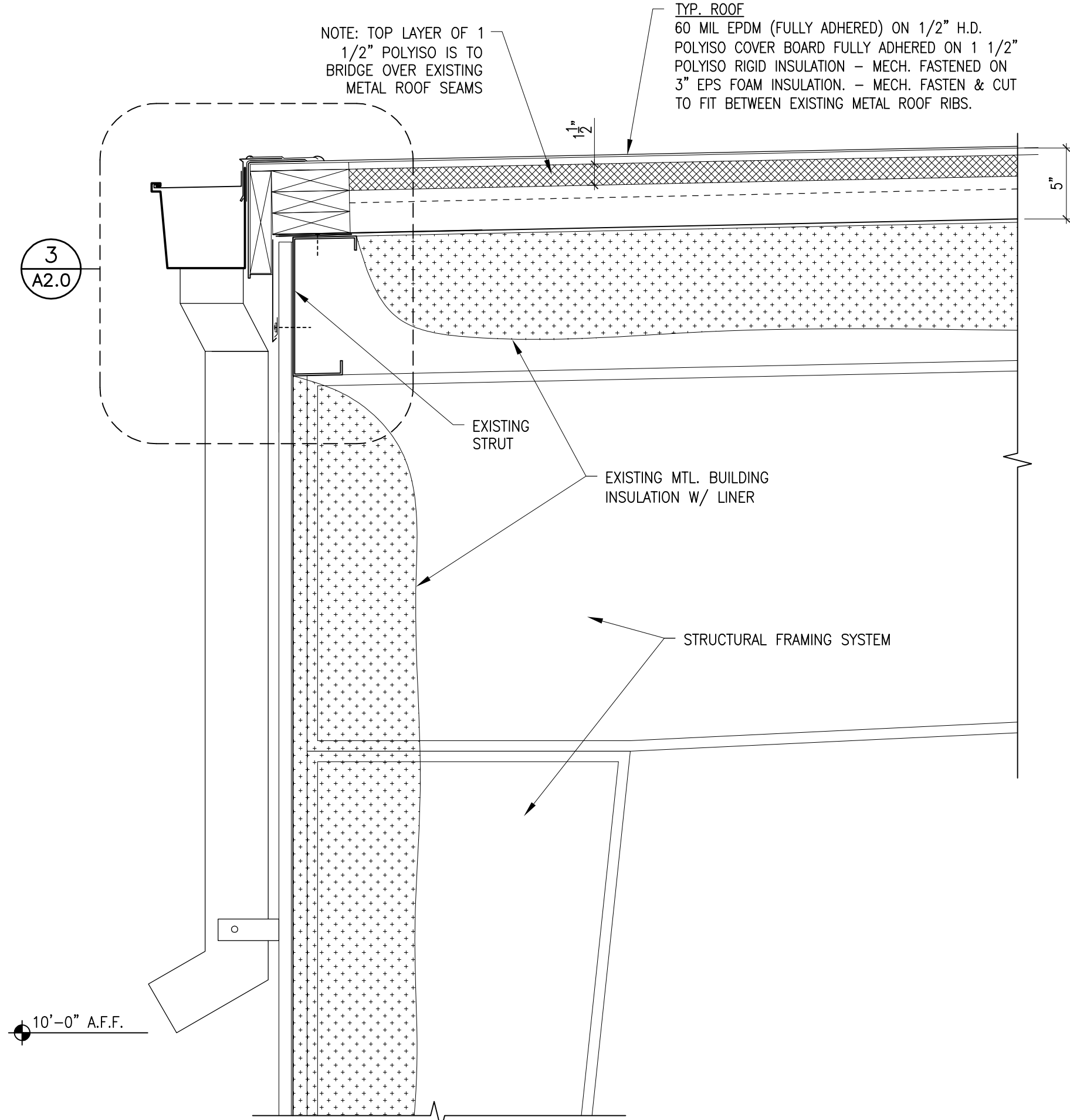
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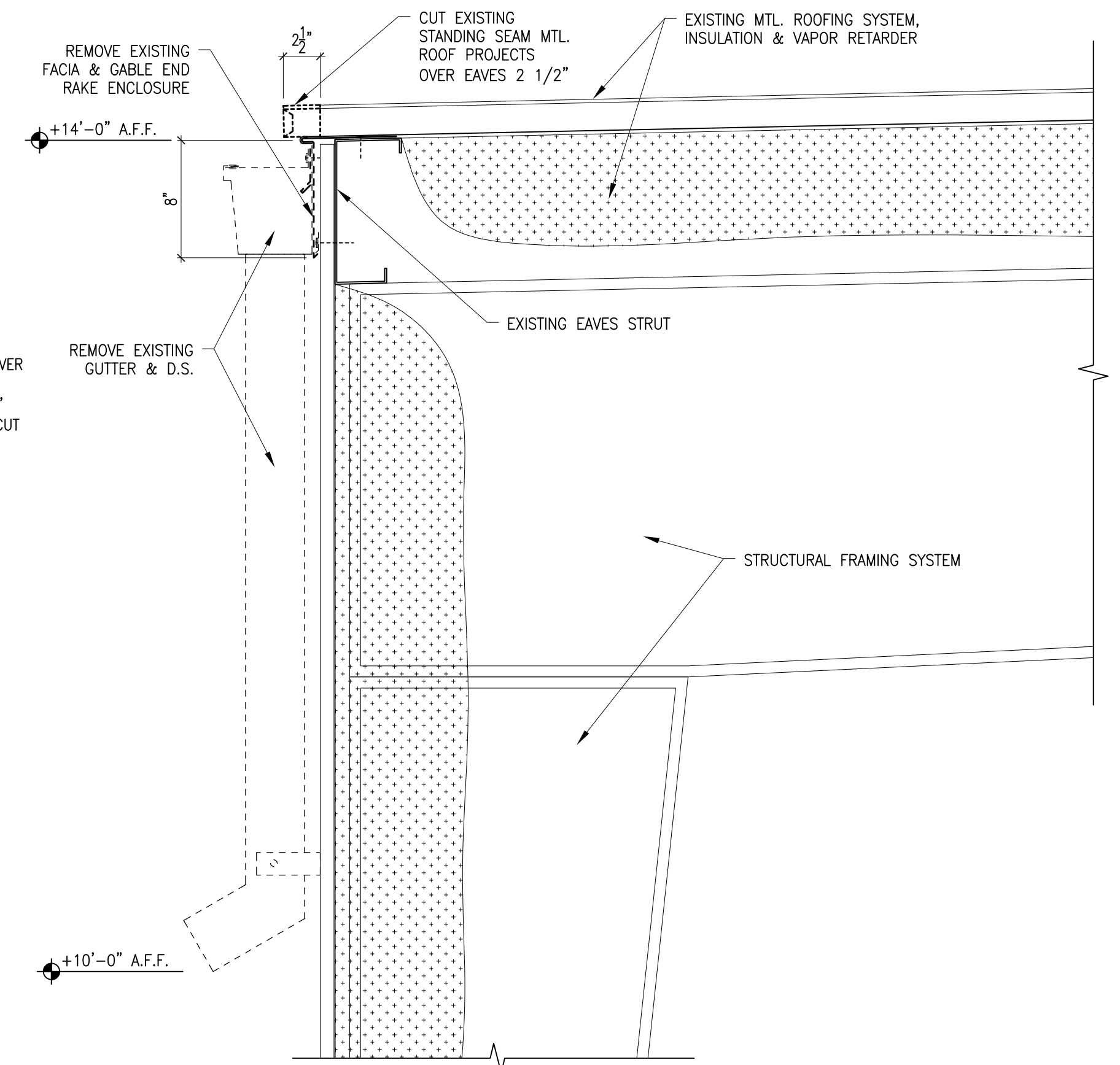
RAKE DETAILS
SCALE 3" = 1'-0"



EAVES & GUTTER DETAILS
SCALE 3" = 1'-0"



EXISTING ROOF EAVES
SCALE 1 1/2" = 1'-0"



EXISTING ROOF EAVES
SCALE 1 1/2" = 1'-0"

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