



**ADHESIVE ATTACHMENT REQUIREMENTS**

- ZONE 1: FIELD 12" OC BEADS OF ADHESIVE [4' x 4' BOARD SIZE]
- ZONE 2: PERIMETER 6" OC BEADS OF ADHESIVE [4' x 4' BOARD SIZE]
- ZONE 3: CORNERS 4" OC BEADS OF ADHESIVE [4' x 4' BOARD SIZE]

**NOTE:**  
THE INDICATED ADHESION RATES ARE THE MINIMUM REQUIREMENTS PER MANUFACTURER TESTING RESULTS. THE CONTRACTOR SHALL CONFIRM WITH THE MANUFACTURER AND FACTORY MUTUAL GLOBAL SYSTEM ASSEMBLY (IF APPLICABLE) TO ENSURE THE ACTUAL SYSTEM BEING INSTALLED PER THEIR REQUIREMENTS TO MEET THE SPECIFIED WARRANTY (INCLUDING WIND) REQUIREMENTS. THIS SHALL BE ACCOMPLISHED PRIOR TO SUBMITTING FOR BIDS AND ANY DEVIATION SHALL BE INCLUDED IN THE BID AMOUNT.

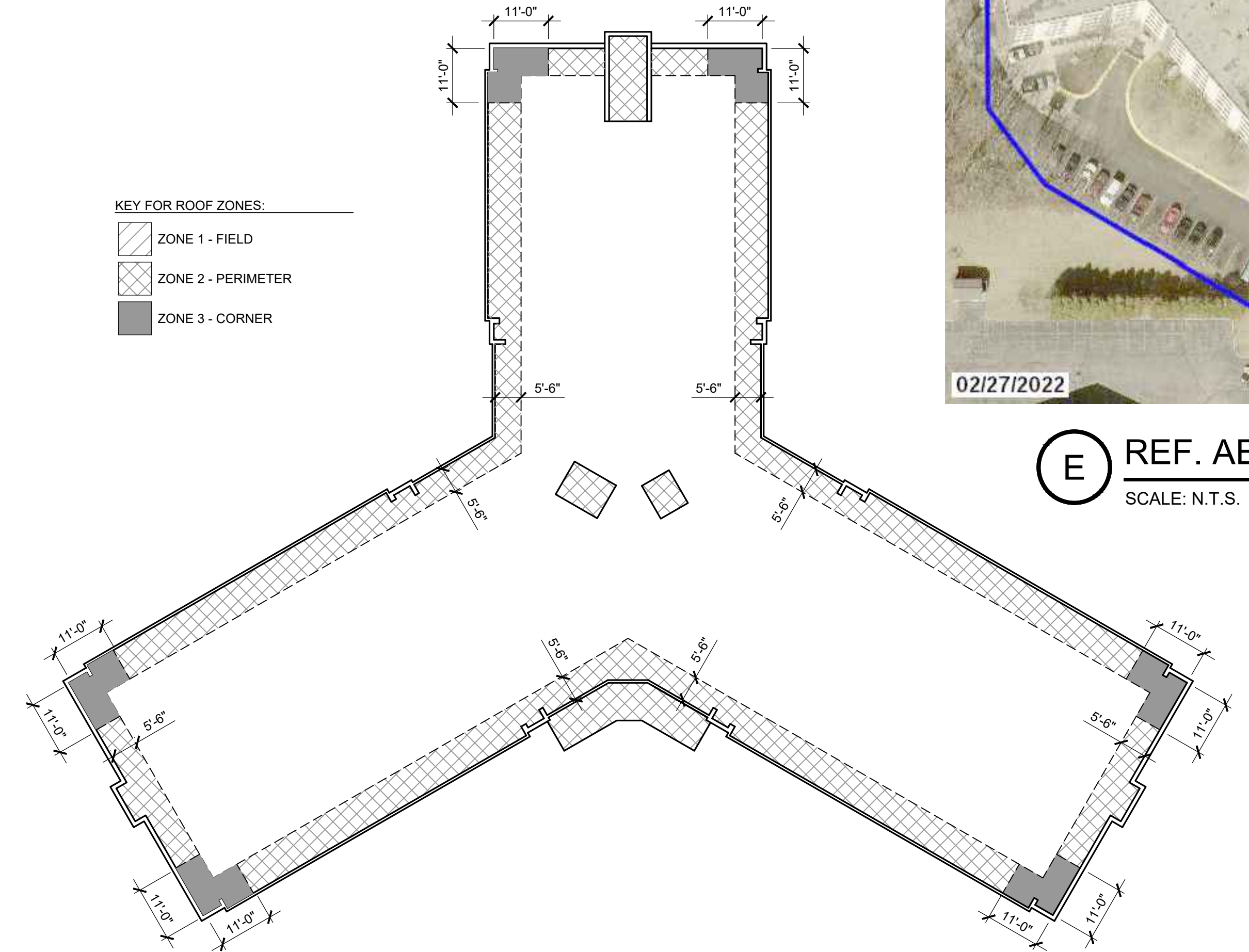
AREA OF STAGING / LAY DOWN / CRANE AREA - COORDINATE EXACT REQUIREMENTS W/ OWNER.  
CONTRACTOR TO PROTECT AND RESTORE ALL SITE, STAGING, AND LAYDOWN AREAS AS IMPACTED BY THE PERFORMANCE OF WORK TO ORIGINAL / LIKE NEW CONDITION.



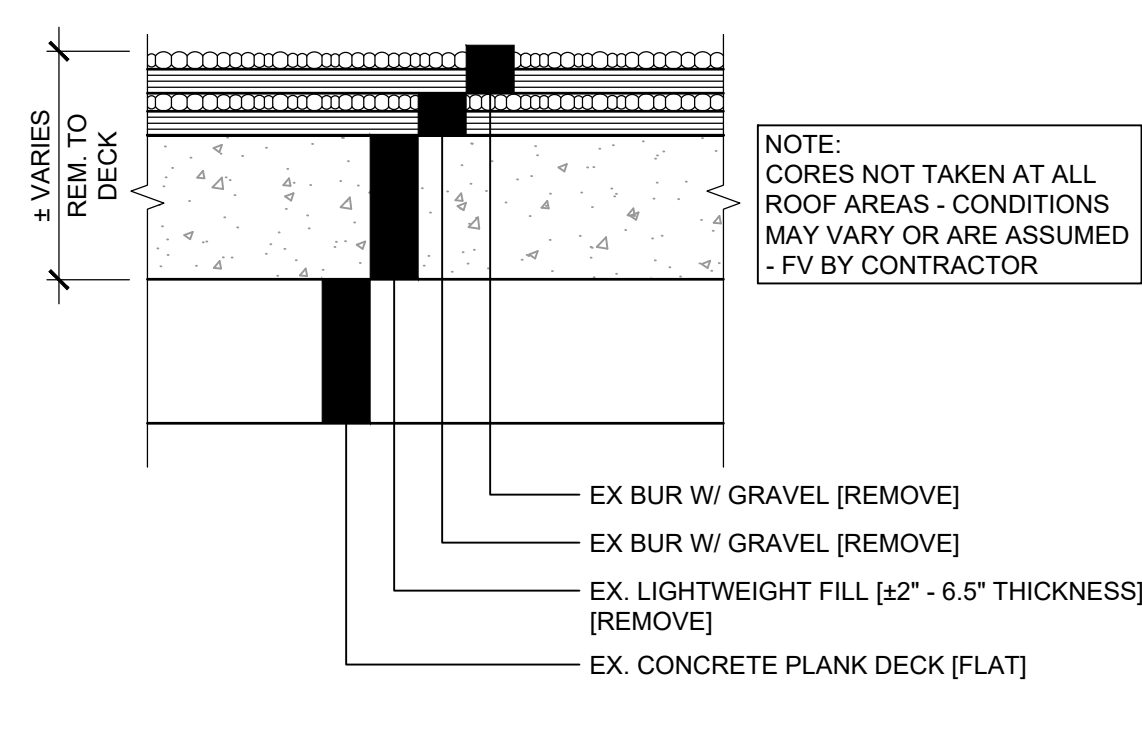
**E REF. AERIAL / SITE PLAN**  
SCALE: N.T.S.

**KEY FOR ROOF ZONES:**

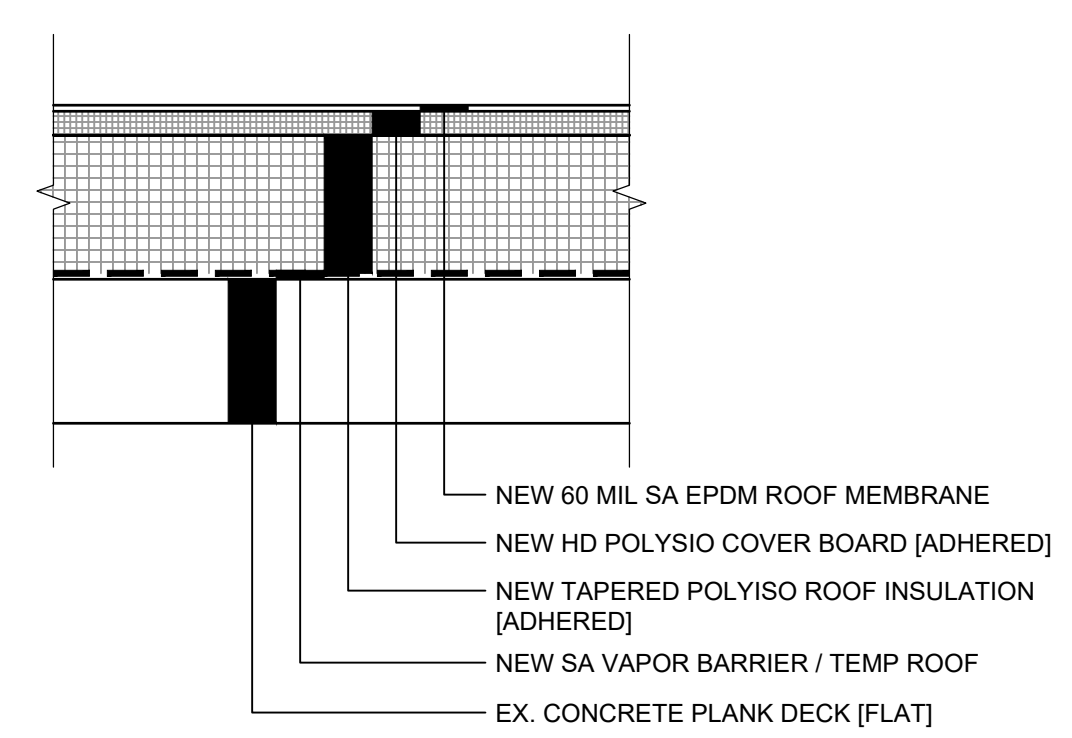
- ZONE 1 - FIELD
- ZONE 2 - PERIMETER
- ZONE 3 - CORNER



**D ROOF PLAN INDICATING ROOF SECUREMENT ZONES**  
SCALE: 1" = 20'-0"



**A EXISTING ROOF MATRIX**  
SCALE: N.T.S.



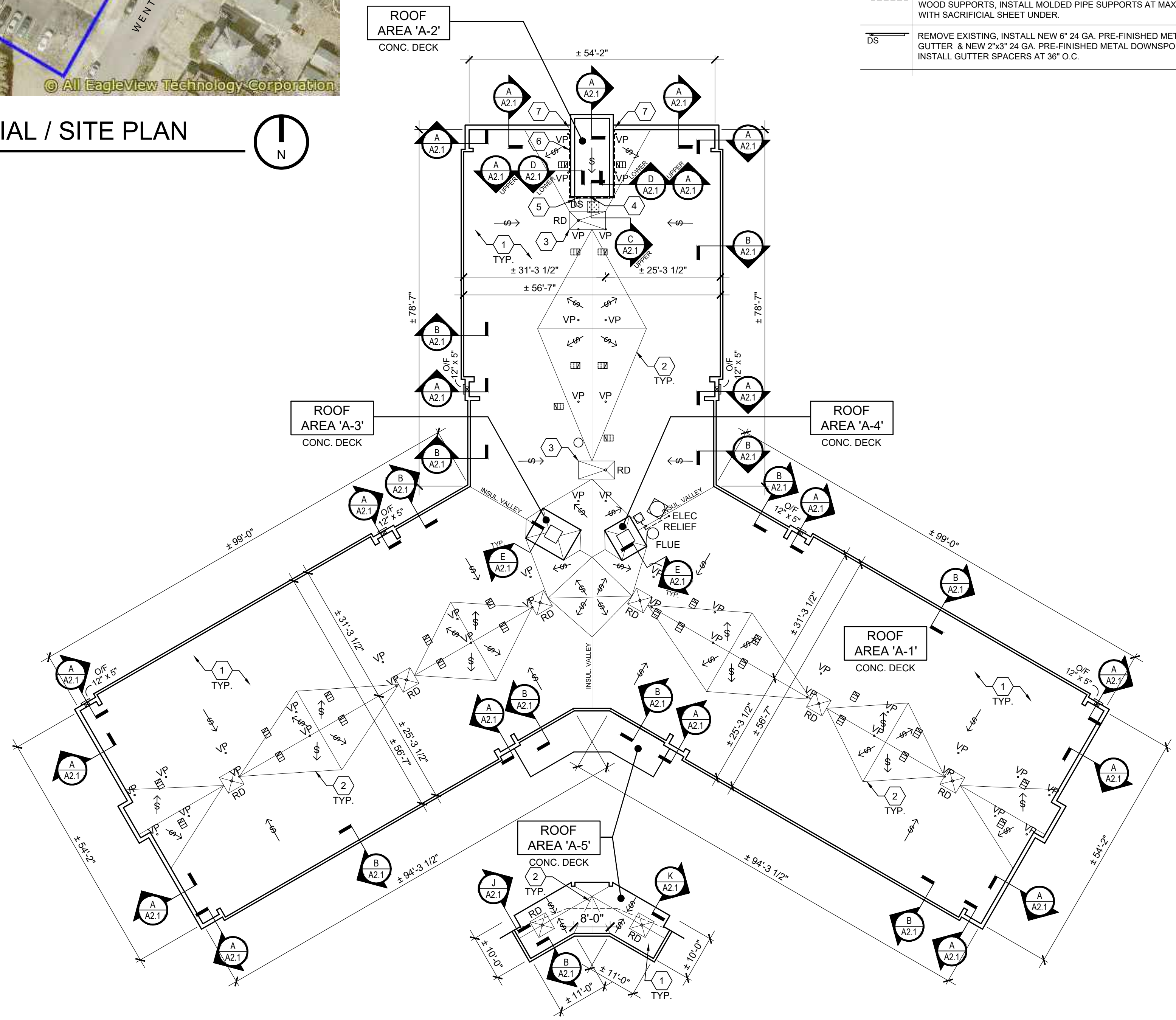
**B PROPOSED ROOF MATRIX**  
SCALE: N.T.S.

- KEY NOTES**
- INSTALL NEW FULLY TAPERED INSULATION SYSTEM.
  - INSTALL NEW TAPERED INSULATION SADDLES.
  - EXTEND ROOF DRAIN SUMP THIS LOCATION.
  - FLASH UP UNDER EXISTING DOOR THRESHOLD. REMOVE & RESET AS REQ'D. INSTALL NEW 24 GA. PRE-FINISHED COUNTER FLASHING.
  - INSTALL PRECAST CONCRETE SPLASH BLOCK OVER SACRIFICIAL SHEET AT DISCHARGE OF DOWNSPOUT.
  - RAISE THRU WALL FLASHING AT THIS AREA. REMOVE EXISTING, INSTALL NEW BRICK VENEER, FLEXIBLE FLASHING, THRU WALL FLASHING, WEEPS, ETC. AT THIS AREA. REFER TO DETAIL D / A2.1.
  - TURN COPING UP AT INTERSECTING WALL AND INSTALL NEW 24 GA. PRE-FINISHED COUNTER FLASHING OVER.

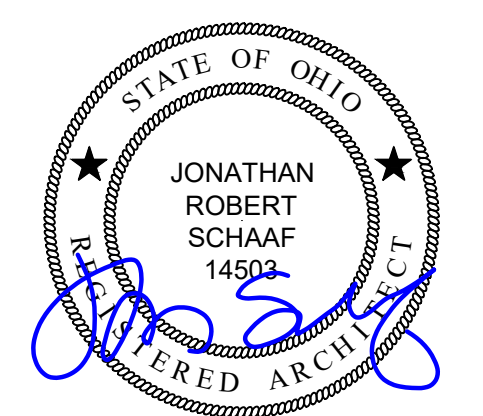
COORDINATE WITH CONDITIONS AND KEY NOTES ON DRAWINGS

**SYMBOL LEGEND**

RD	EXISTING PRIMARY ROOF DRAIN TO REMAIN. PROVIDE ANY / ALL REPAIRS TO MAKE / MAINTAIN OPERATIONAL. NOTIFY RDA / OWNER IF EXISTING CONDITIONS WARRANT INSTALLATION OF NEW DRAIN INSERTS [CRACKED BOWL, ETC.]. INSTALL NEW 4"x4" SUMPS AT ALL PRIMARY ROOF DRAINS
□	REMOVE EXISTING. INSTALL NEW FABRICATED SHEET METAL GOOSENECK VENT. SEE DETAIL. SECURE W/ (1) FASTENER PER SIDE OF CURB.
□	EXISTING EXHAUST FAN, CURB PENETRATION, ROOF HATCH, ETC. REMOVE / LIFT OFF CAP AND INSTALL NEW BASE FLASHING UP OVER TOP OF CURB. RE-SET AND RE-SECURE UNIT / CAP, ETC. WITH MIN. (2) FASTENERS PER SIDE OF CURB. INSTALL NEW 24 GA. PRE-FINISHED METAL BIG FLASHING AT CURB AT ALL LOCATIONS WHERE EXISTING UNIT CANNOT BE LIFTED OFF
•PP	REMOVE EXISTING, INSTALL NEW PENETRATION POCKET. FIELD FLASHING / BOOT IS ACCEPTABLE IF CONDITIONS PERMIT. SIZE PER CONDITIONS
•VP	EXISTING VENT PIPE. INSTALL FLASHING BOOT PER MFG. REMOVE STORM COLLAR. REPAIR / REPLACE EX. CAST IRON VENTS AT [4] LOCATIONS
•RELIEF	EXISTING RELIEF VENT THRU ROOF, FIELD FLASH PER MFG.
•ELEC	EXISTING ELECTRICAL CONDUIT THRU ROOF, FIELD FLASH PER MFG.
○FLUE	EXISTING FLUE / HOT STACK PENETRATION, FIELD FLASH OR LIQUID FLASH PER MFG. INSTALL NEW JOINT SEALANT AT STORM COLLAR.
←	EXISTING ROOF SLOPE [STRUCTURAL DECK SLOPE]
←	ROOF SLOPE DIRECTION - NEW TAPERED INSULATION OR INSULATION SADDLES - 1/8" PER FOOT - MAIN ROOF SLOPE / 1/2" PER FOOT - TAPERED SADDLES
OF	NEW SECONDARY / OVERFLOW SCUPPER. CORE THRU EX. MASONRY PARAPET WALL. INSTALL NEW 24 GA. STAINLESS STEEL SCUPPER LINING AND PRE-FINISHED FACE. FLASH INTO NEW ROOF SYSTEM
□	NEW WALK PADS
---	EXISTING ELECTRICAL CONDUIT - REMOVE / REINSTALL AS REQ'D TO INSTALL NEW ROOF. RE-ANCHOR TO WALL / PARAPET. REMOVE ALL WOOD SUPPORTS, INSTALL MOLDED PIPE SUPPORTS AT MAX. 6'-0" O.C. WITH SACRIFICIAL SHEET UNDER.
DS	REMOVE EXISTING, INSTALL NEW 6" 24 GA. PRE-FINISHED METAL GUTTER & NEW 2"x3" 24 GA. PRE-FINISHED METAL DOWNSPOUT - INSTALL GUTTER SPACERS AT 36" O.C.



**C ROOF PLAN**  
SCALE: 1/16" = 1'-0"



Jonathan Robert SchAAF #14503  
Expiration Date 12/31/2025

This drawing is the architect's instrument of service for use solely with respect to this project. RDA Group Architects is the author of this document and shall retain all copyrights and other reserved rights, unless otherwise agreed upon in writing. © RDA 2024

**RDA GROUP ARCHITECTS**  
7662 PARAGON ROAD | DAYTON, OH 45459 | 937.610.3440



Roof Replacement at:  
**Wentworth Hi-Rise**  
2765 Wentworth Avenue  
Dayton, Ohio 45406  
Greater Dayton Premier Management

Project Number	2024-008
Date	March 1, 2024
Date	02.22.24
Issue	Review Set
Date	03.01.24
Issue	Bid/Construction

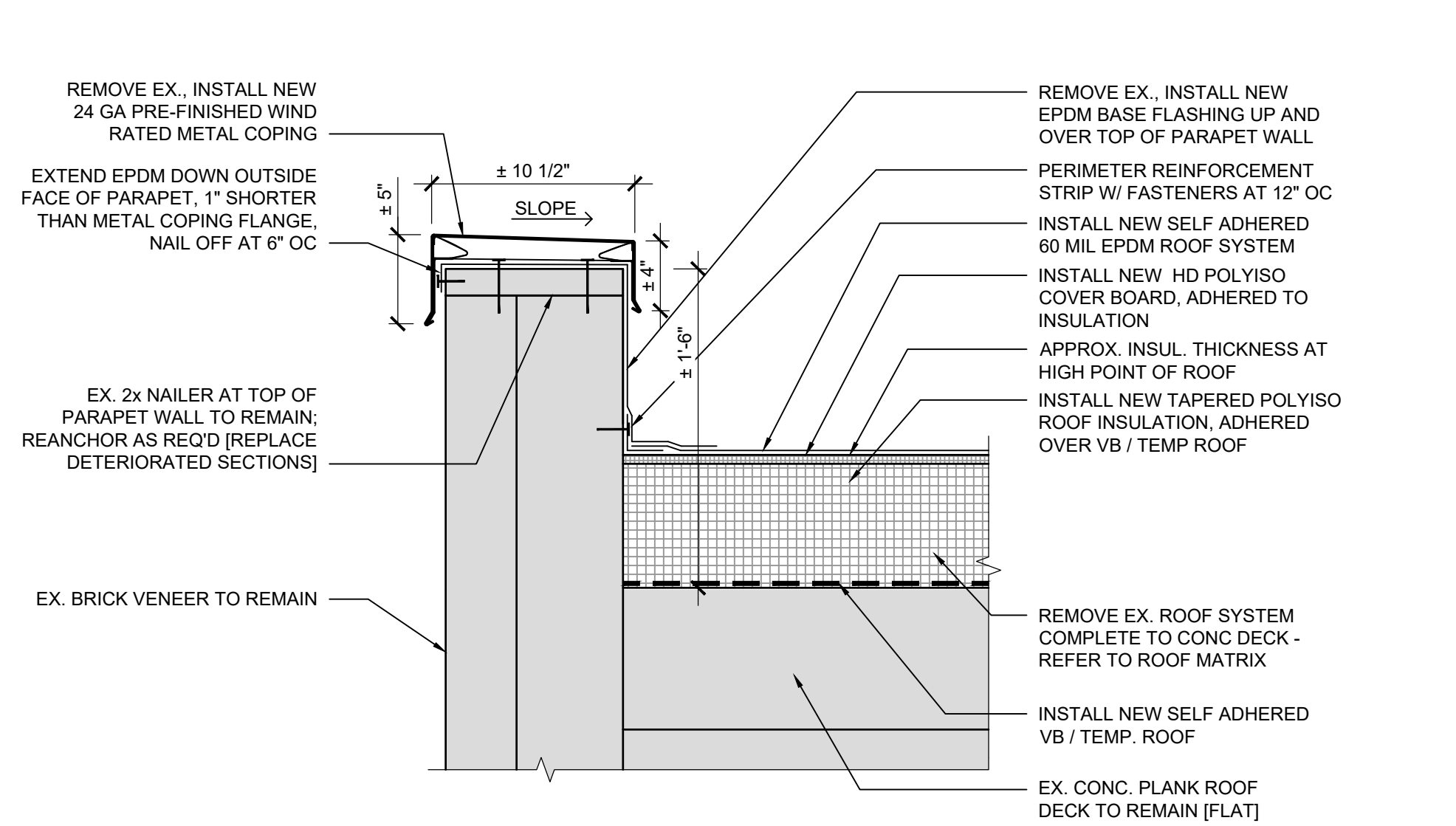
Sheet Title  
Roof Plan  
Roof Matrix

Sheet Number  
**A1.1**

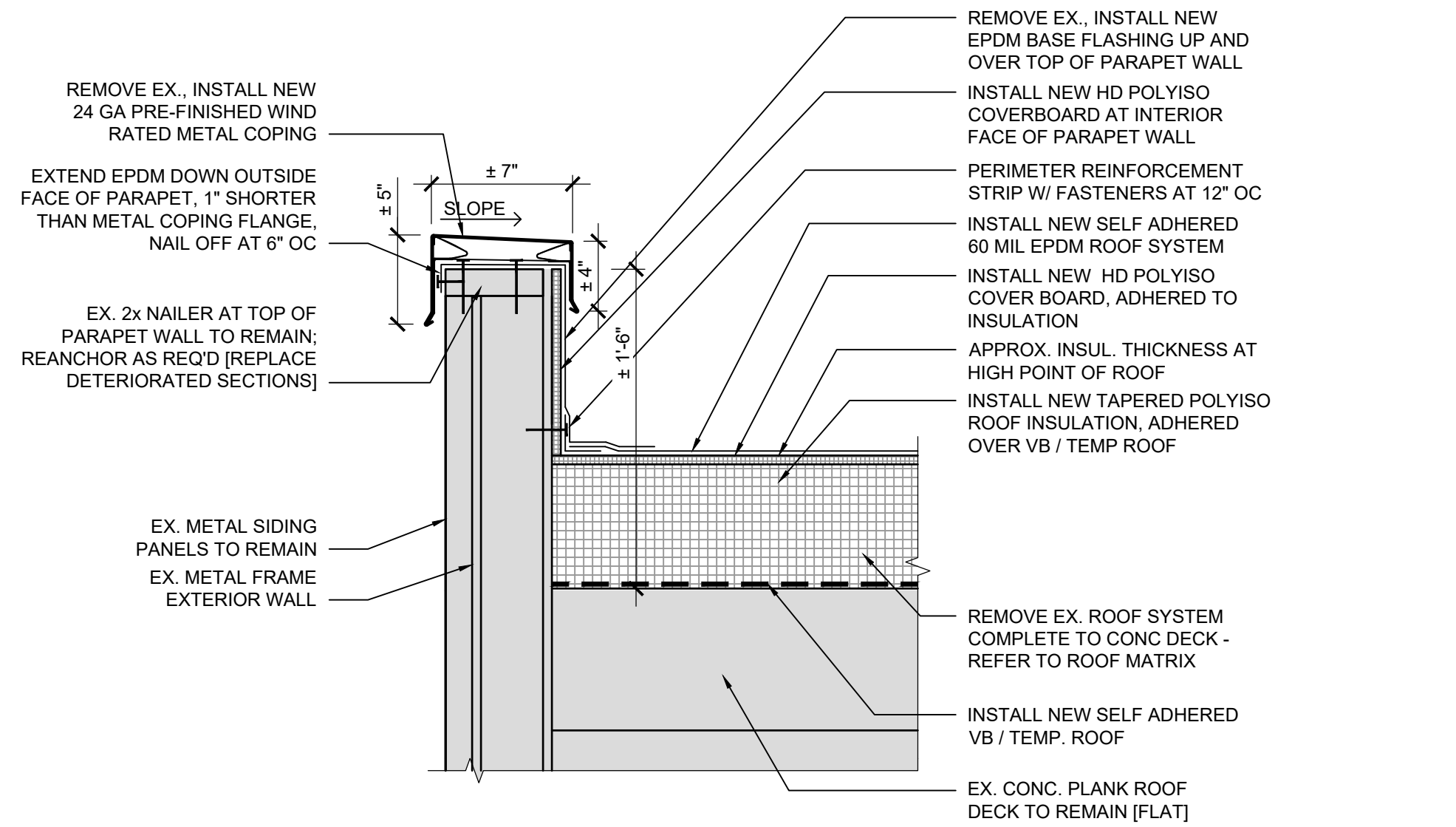


Roof Replacement at:  
**Wentworth Hi-Rise**  
 2765 Wentworth Avenue  
 Dayton, Ohio 45406  
 Greater Dayton Premier Management

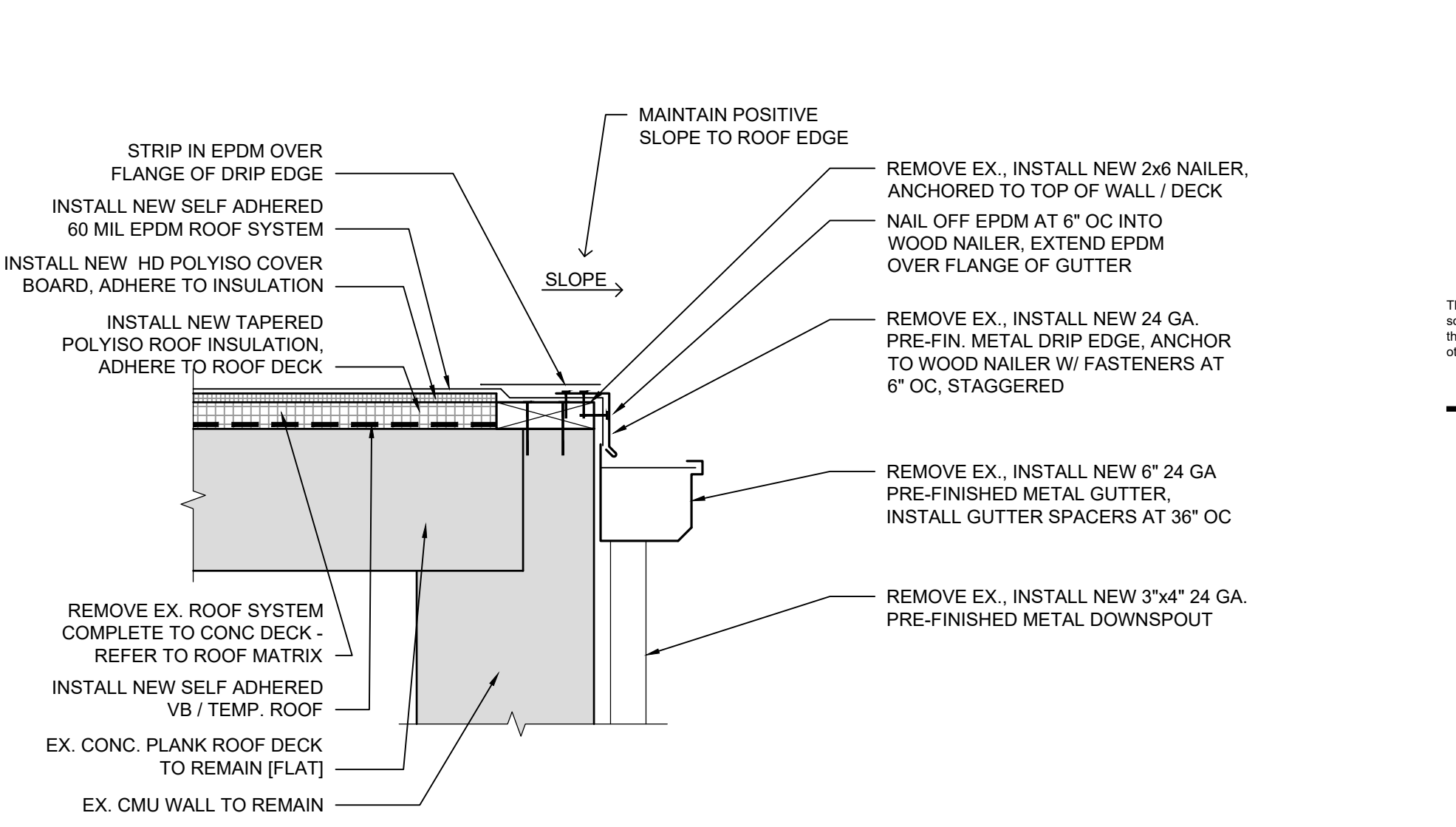
Project Number	2024-008
Date	March 1, 2024
Date	Issue
02.22.24	Review Set
03.01.24	Bid/Construction
Sheet Title	Details
Sheet Number	A2.1



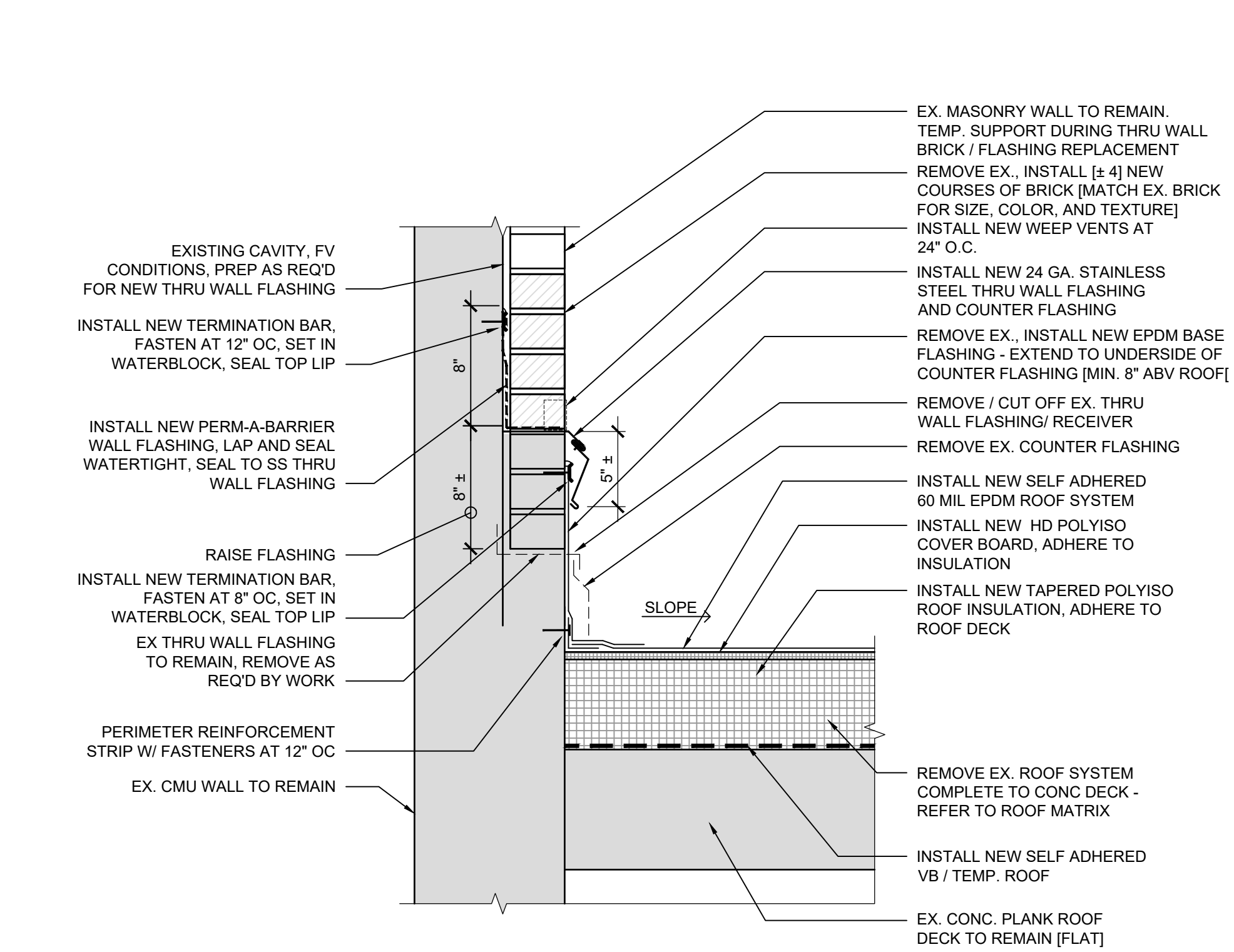
**A** DETAIL  
 SCALE: 1 1/2" = 1'-0"  
 0 3" 6" 12"



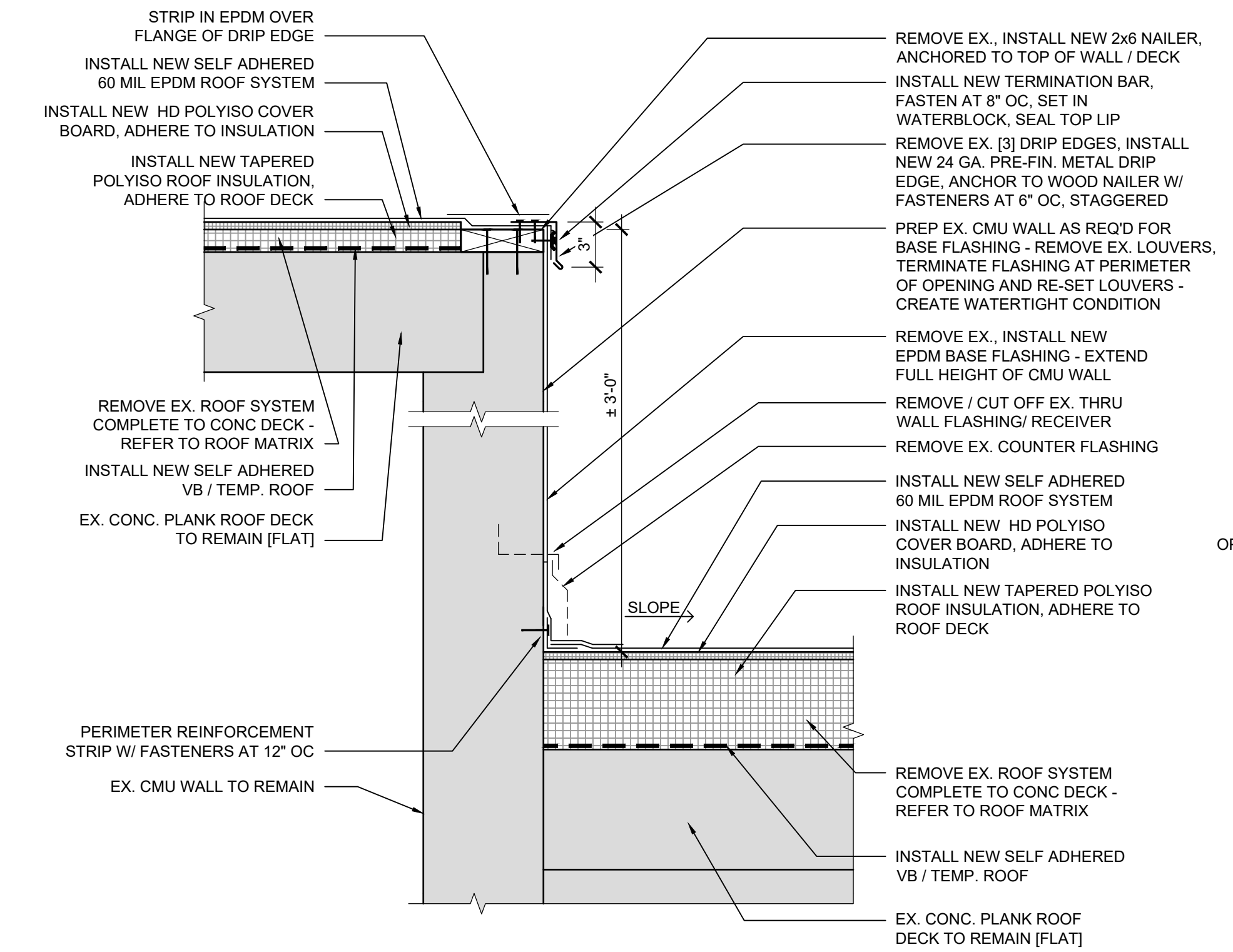
**B** DETAIL  
 SCALE: 1 1/2" = 1'-0"  
 0 3" 6" 12"



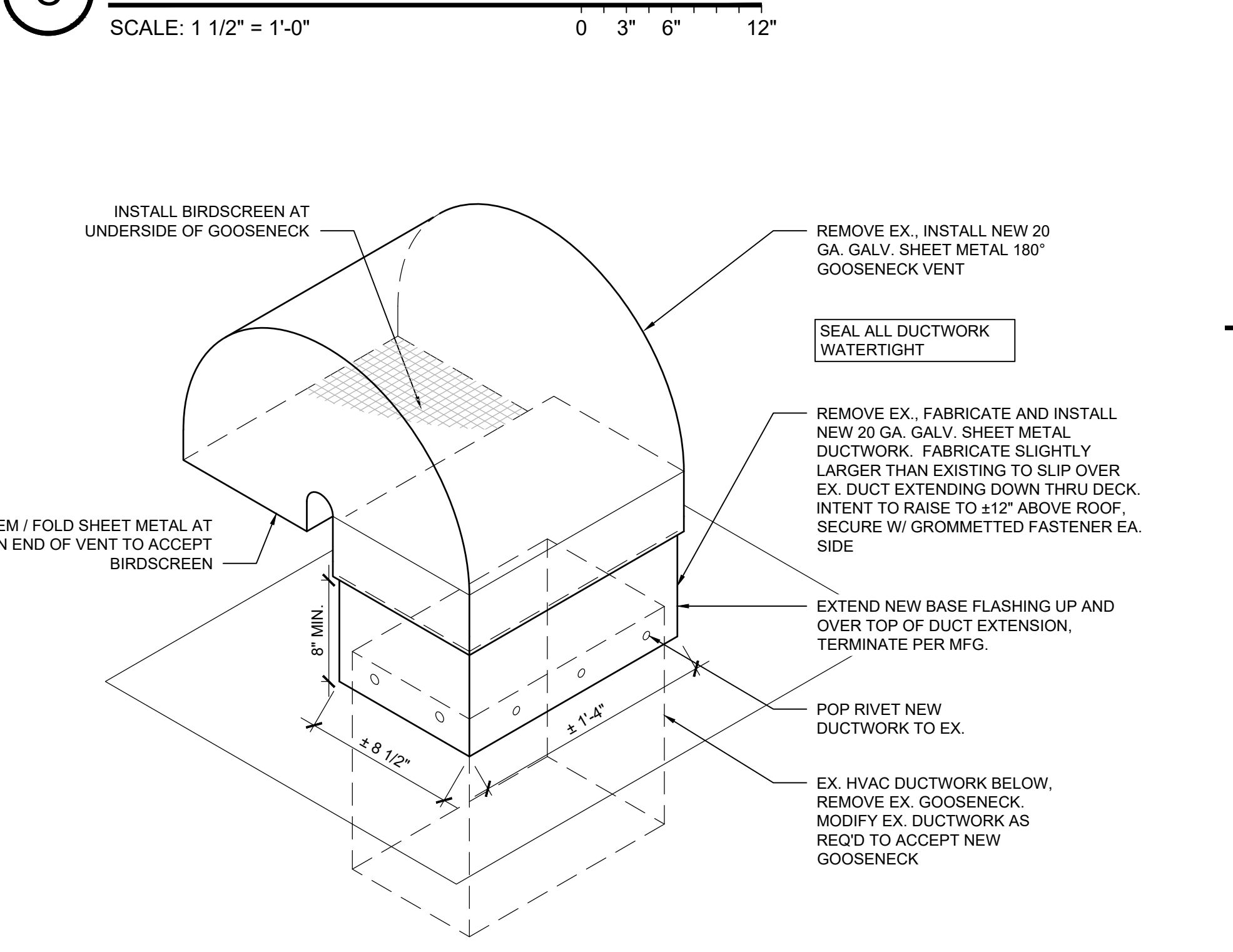
**C** DETAIL  
 SCALE: 1 1/2" = 1'-0"  
 0 3" 6" 12"



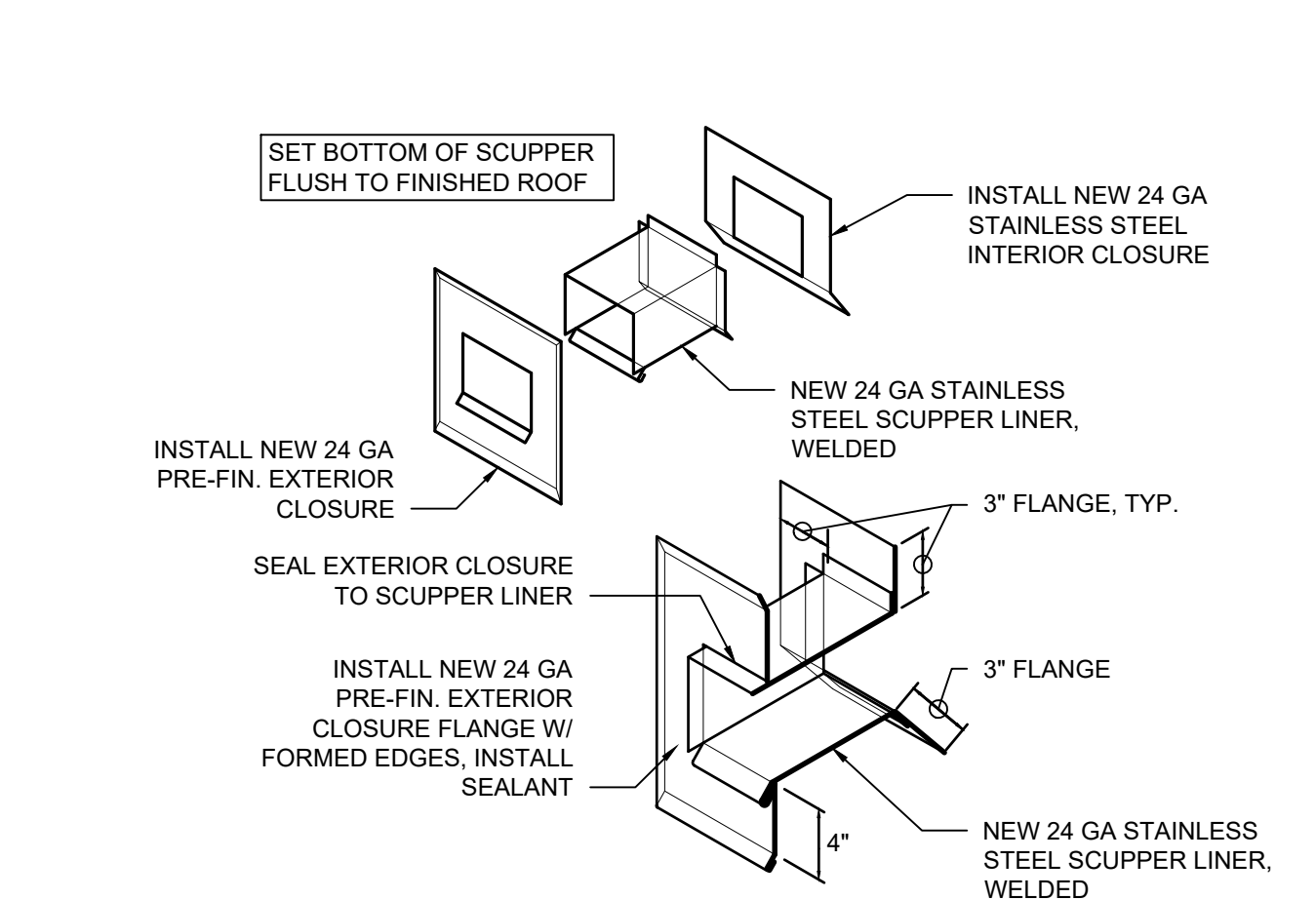
**D** DETAIL  
 SCALE: 1 1/2" = 1'-0"  
 0 3" 6" 12"



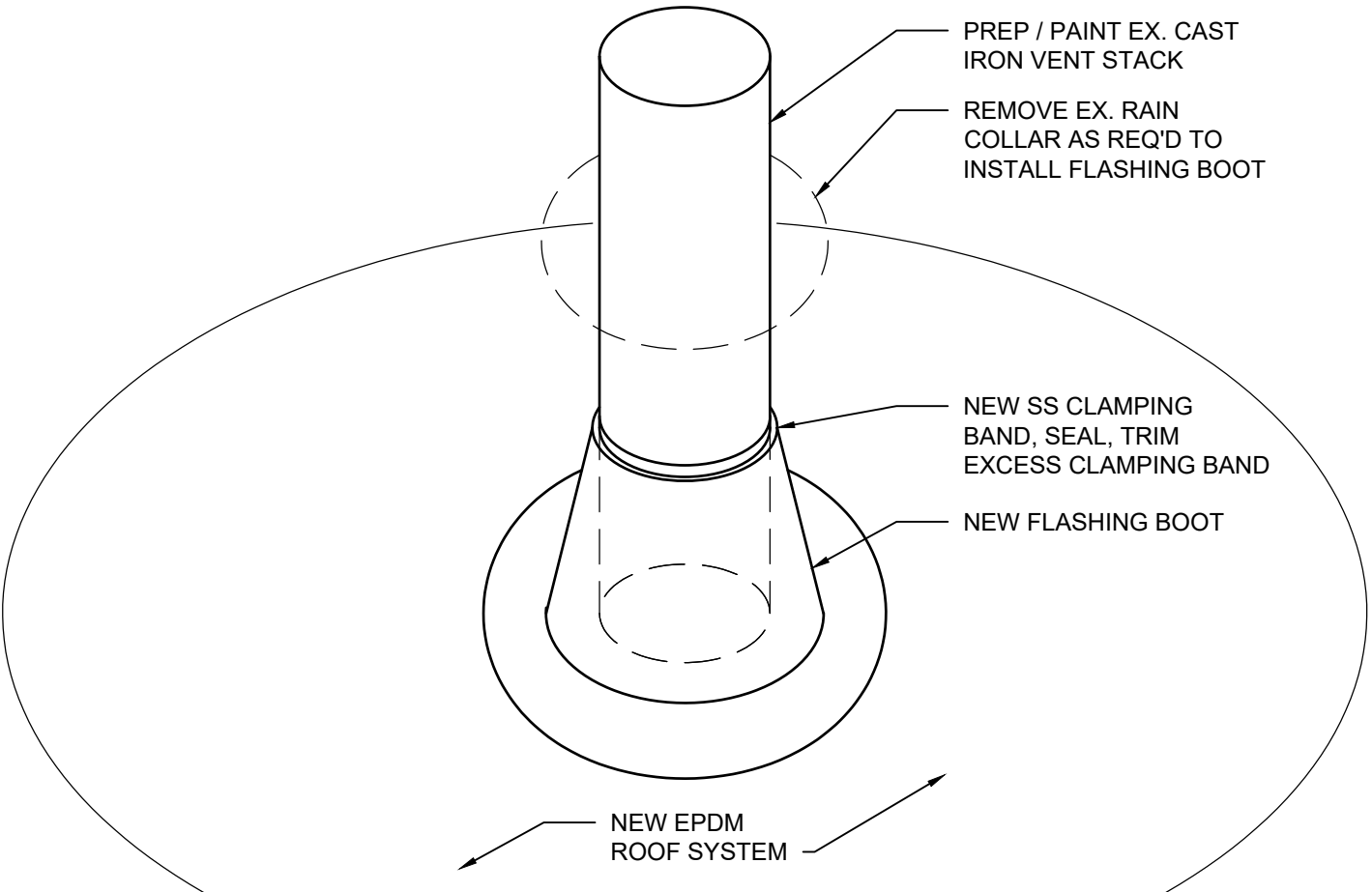
**E** DETAIL  
 SCALE: 1 1/2" = 1'-0"  
 0 3" 6" 12"



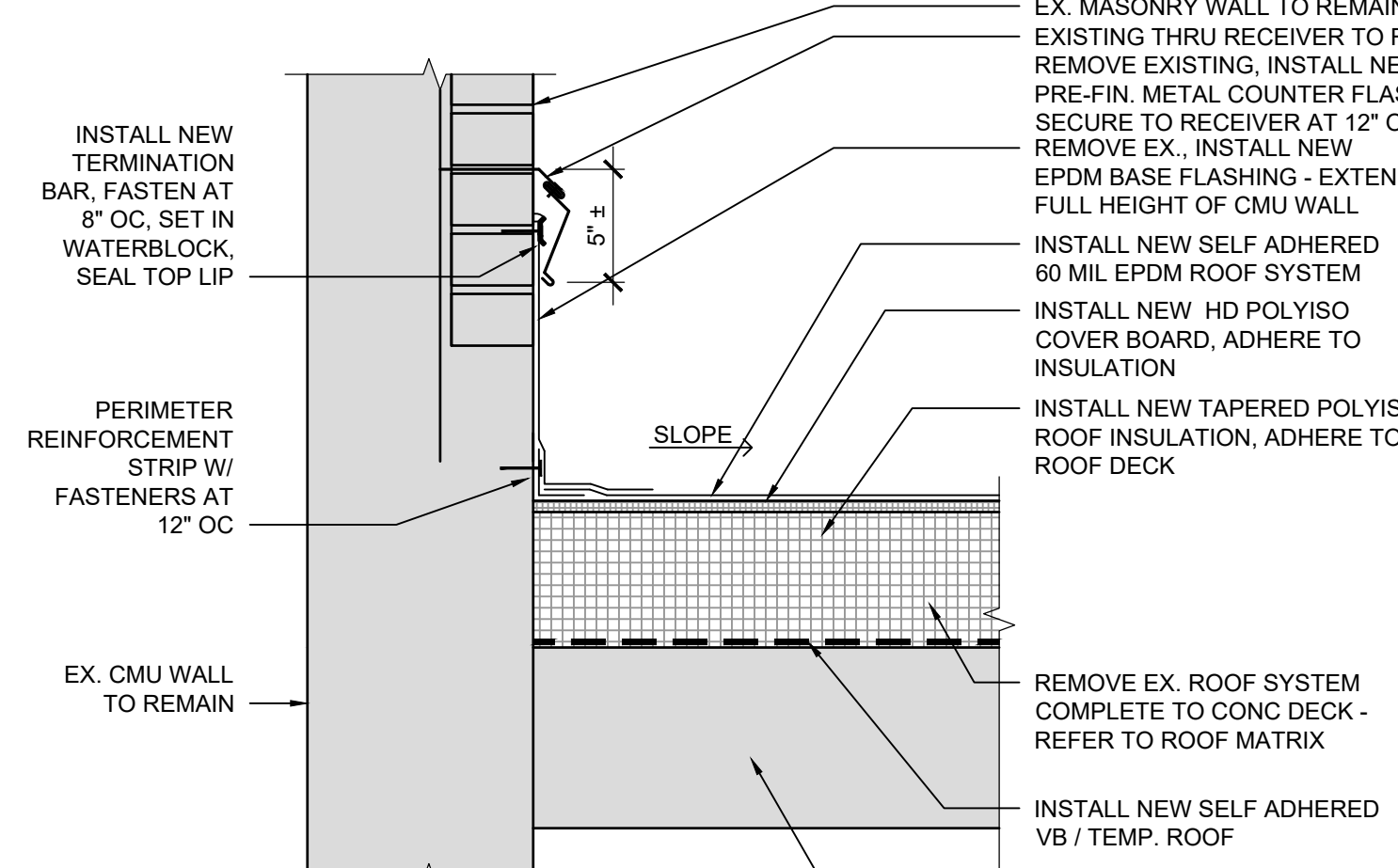
**F** GOOSENECK VENT DETAIL  
 SCALE: 1 1/2" = 1'-0"  
 0 3" 6" 12"



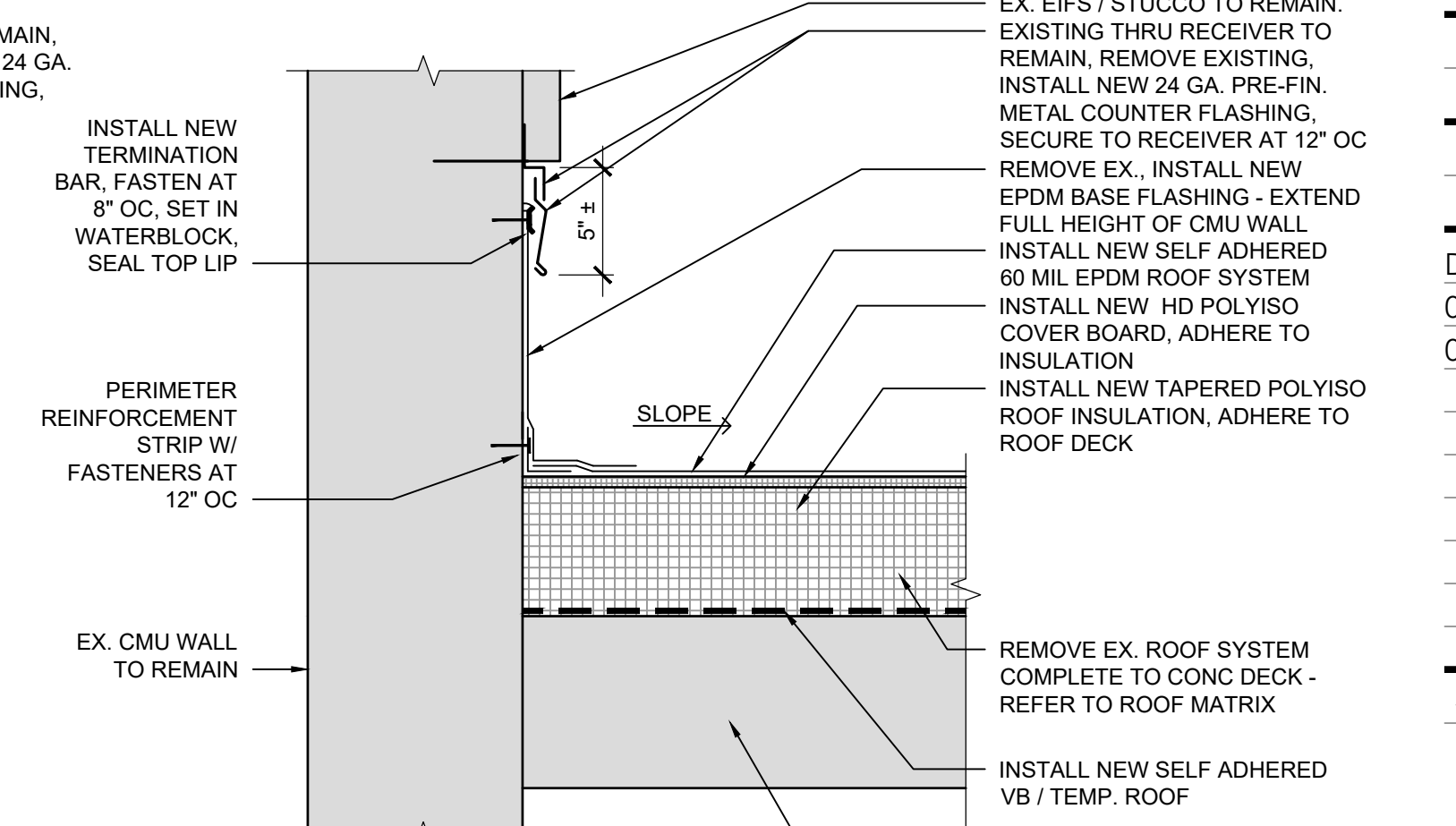
**G** TYP. OVERFLOW SCUPPER  
 SCALE: N.T.S.



**H** VENT STACK DETAIL  
 SCALE: 1 1/2" = 1'-0"  
 0 3" 6" 12"



**J** DETAIL  
 SCALE: 1 1/2" = 1'-0"  
 0 3" 6" 12"



**K** DETAIL  
 SCALE: 1 1/2" = 1'-0"  
 0 3" 6" 12"