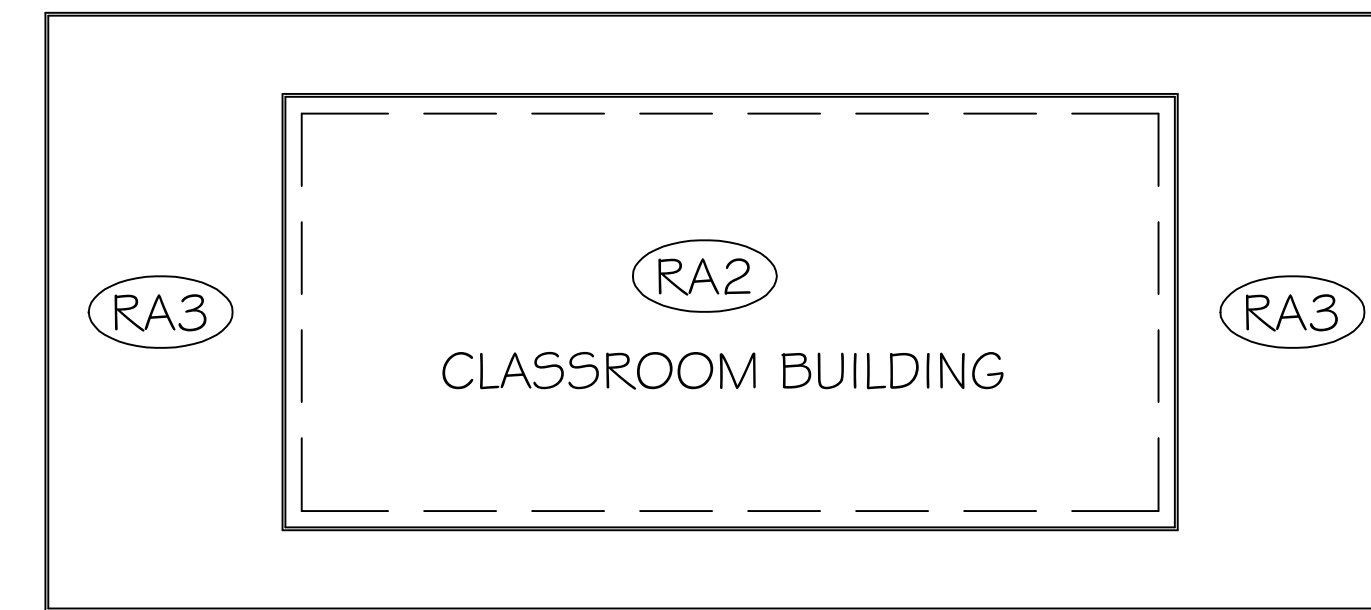
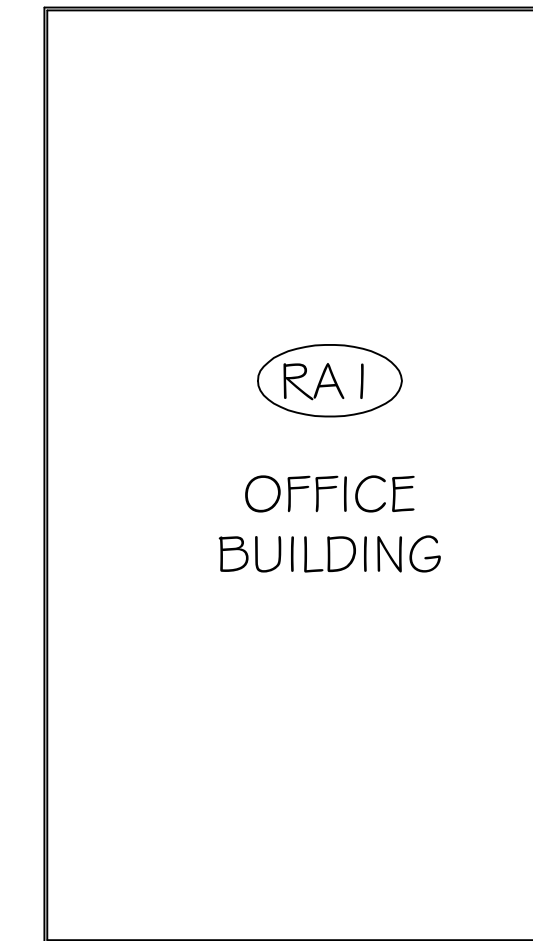
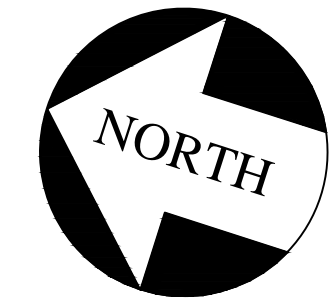
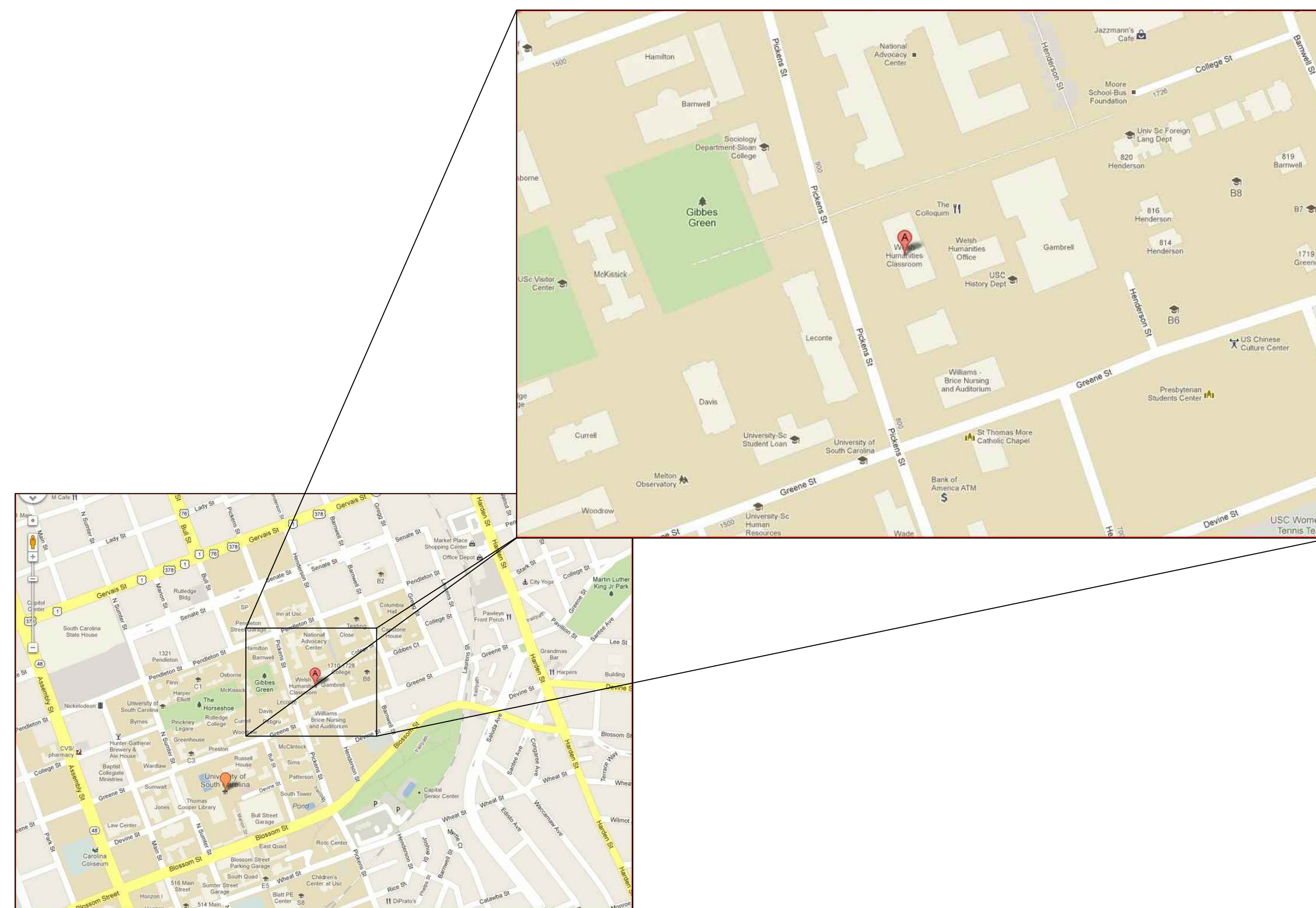


UNIVERSITY OF SOUTH CAROLINA HUMANITIES OFFICE AND CLASSROOM BUILDINGS REROOFING CONSTRUCTION PROJECT



DRAWING INDEX	
SHEET	CONTENTS
K1	TITLE SHEET, SITE VICINITY MAP, KEY PLAN & DRAWING INDEX
R1	ROOF PLAN - OFFICE BUILDING
R2	ROOF PLAN - CLASSROOM BUILDING
D1	DETAILS
D2	DETAILS
D3	DETAILS



① SITE VICINITY MAP



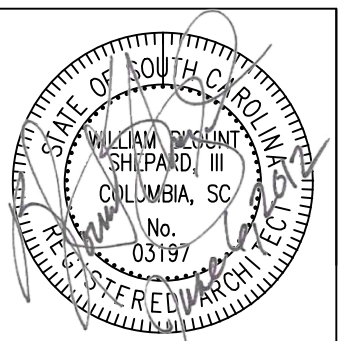
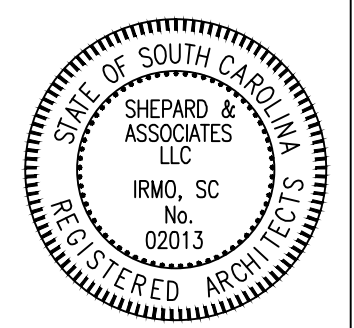
② KEY PLAN

Shepard & Associates, LLC

3547 Dreher Shoals Road, Suite 6
Irmo, South Carolina 29063
Phone: (803) 407-8284
Fax: (803) 407-8206

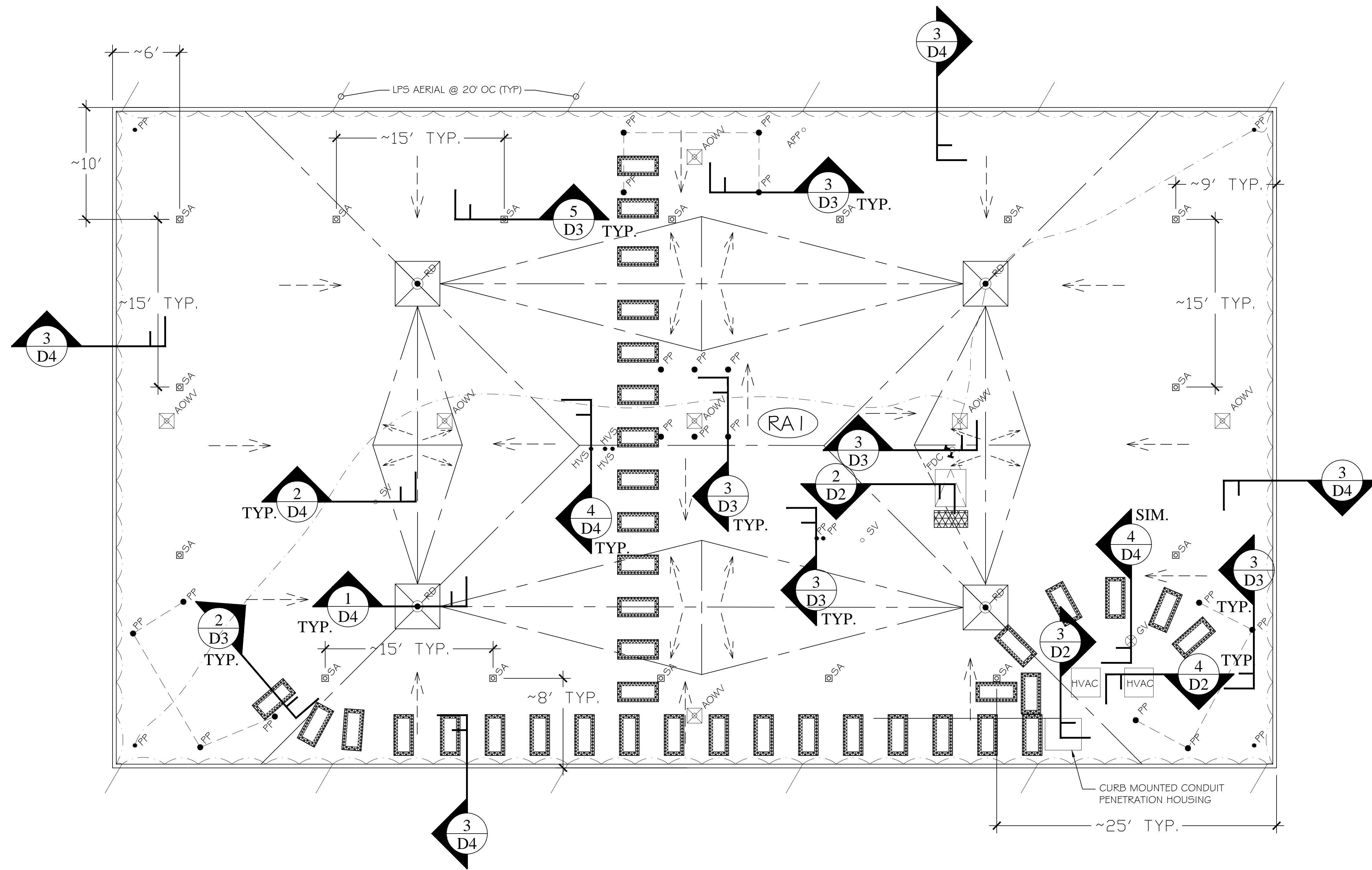
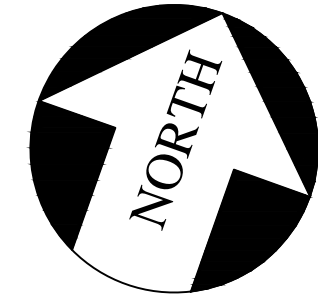
SHEET TITLE: **Key Plan**
PROJECT DESCRIPTION: **Humanities Office & Classroom Buildings Reroofing Construction Project**
CLIENT NAME: **University of South Carolina - State Project Number - H27-6094**

REVISIONS	REVISION DATE	APPROVED



PF No. 11012.003.004
DATE: 4-26-12
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SHEET
K1

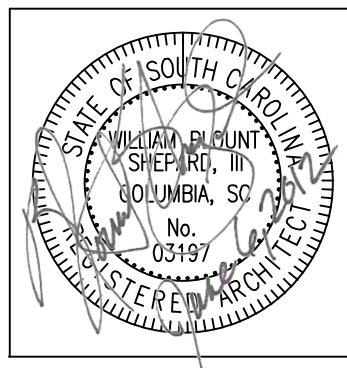
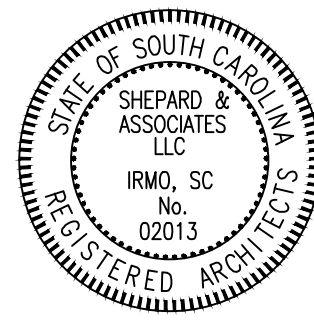


LEGEND

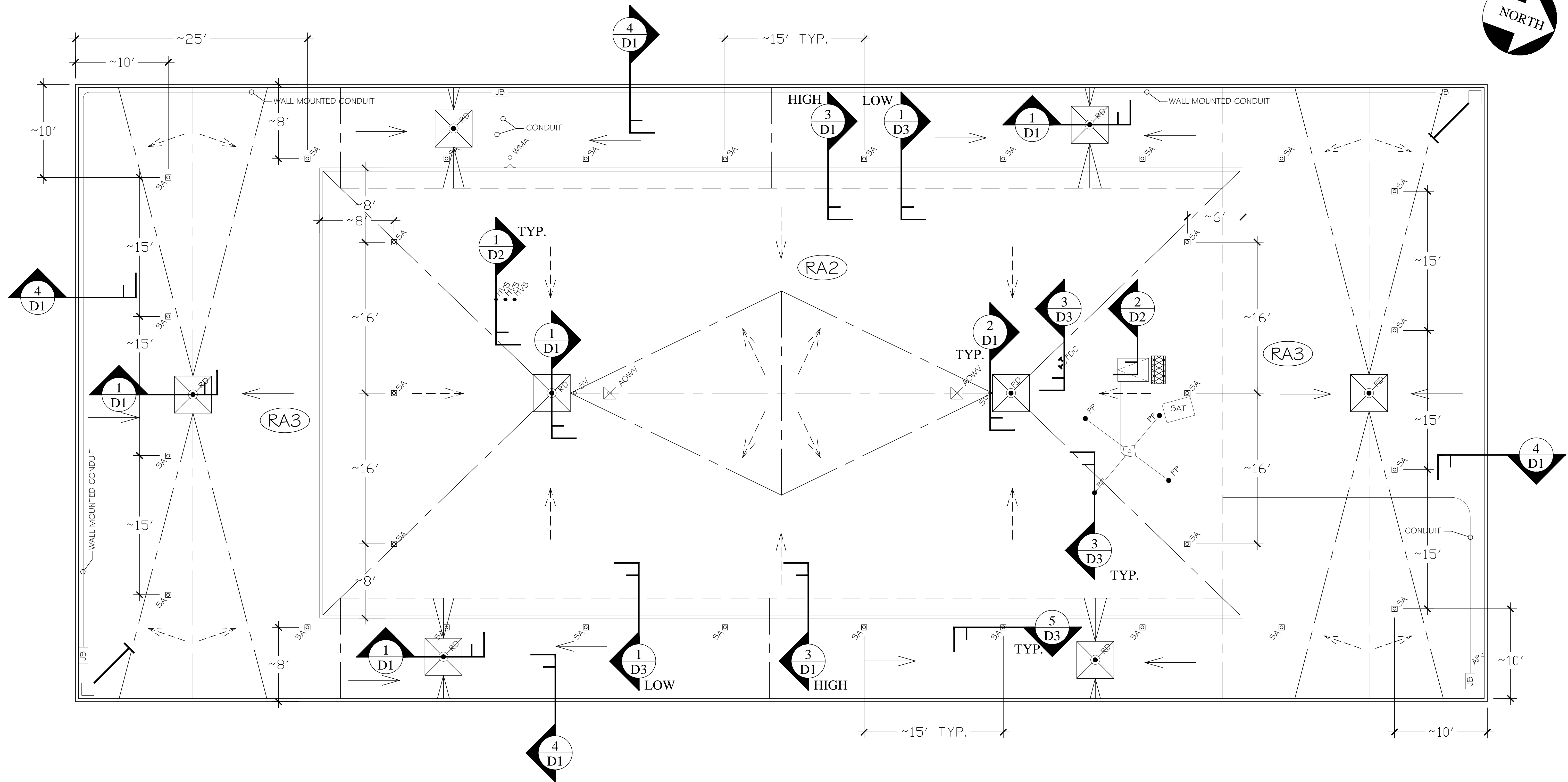
- RA # = ROOF AREA DESIGNATION
- = AREA IN CONTRACT
- = TAPERED INSULATION
- D = ROOF DRAIN # SUMP
- G = GRAVITY VENTILATOR
- = LIGHTNING PROTECTION
- SV = SANITARY VENT
- APP = ABANDONED PIPE PENETRATION
- HVS = HOT VENT STACK
- PP = PIPE PENETRATION
- RH = ROOF HATCH
- AOWV = ABANDON ONE WAY VENT
- FDC = FIRE DEPARTMENT CONNECTION
- HVAC = HVAC UNIT
- CCS = CONCRETE CONDUIT SUPPORT ON WALK PAD
- WP = WALK PAD
- = SLOPE IN INSULATION
- SA = SAFETY ANCHOR

1 ROOF PLAN - OFFICE BUILDING
 Note: New 3" Base Insulation with 1/4": 1 2" Taper

REVISIONS	DATE	APPROVED

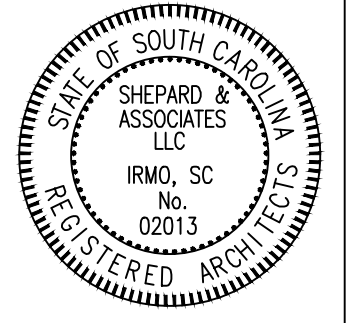


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1 ROOF PLAN - CLASSROOM BUILDING
 Note: RA 2 - No Base Insulation w/ 1/8":1/2" Tapered Above LWC Deck.
 RA 3 1-1/2" Base Insulation w/ No Tapered Insulation.

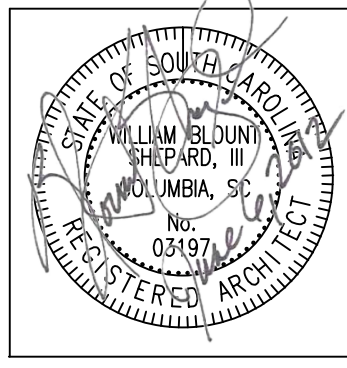
LEGEND	
(RA #)	= ROOF AREA DESIGNATION
[]	= AREA IN CONTRACT
- - -	= TAPERED INSULATION
[RD]	= ROOF DRAIN
[JB]	= JUNCTION BOX
[SV]	= SANITARY VENT
[WMA]	= WALL MOUNTED ANTENNA
- - ->	= SLOPE IN INSULATION
->	= SLOPE IN ROOF DECK
[SA]	= NEW SAFETY ANCHOR
[HVS]	= HOT VENT STACK
[PP]	= PIPE PENETRATION
[RH]	= ROOF HATCH
[SAT]	= SATELLITE TV DISH
[AWMP]	= ABANDON WALL MOUNTED PIPE
[AOWV]	= ABANDON ONE WAY VENT
[FDC]	= FIRE DEPARTMENT CONNECTION
[BPA]	= BALLASTED P.A. SYSTEM SPEAKERS
[WP]	= WALK PAD



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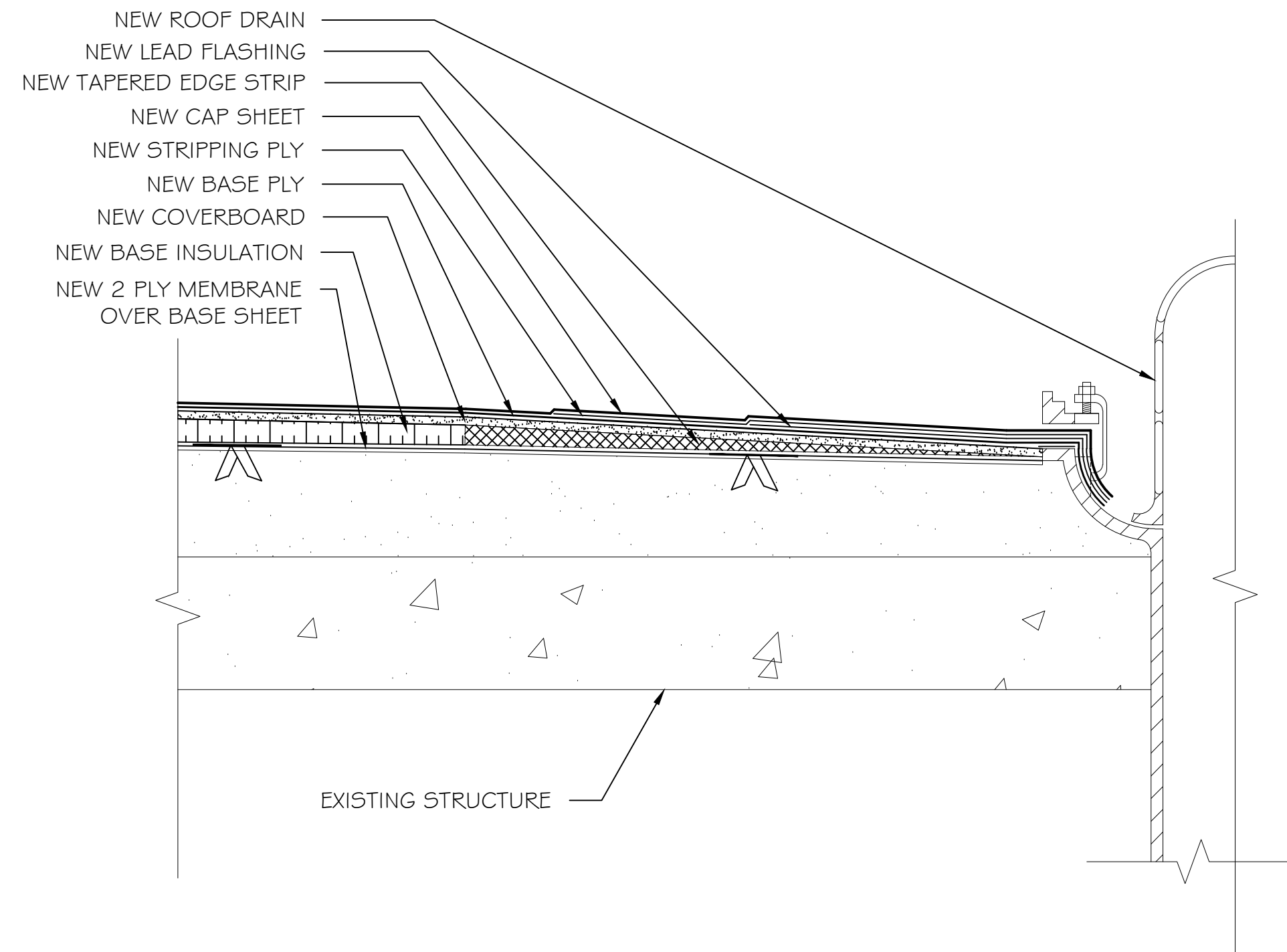
Roof Plan
 PROJECT DESCRIPTION:
 Humanities Office & Classroom Buildings Reroofing Construction Project
 CLIENT NAME:
 University of South Carolina - State Project Number - H27-6094

REVISIONS	REVISION	DATE	APPROVED

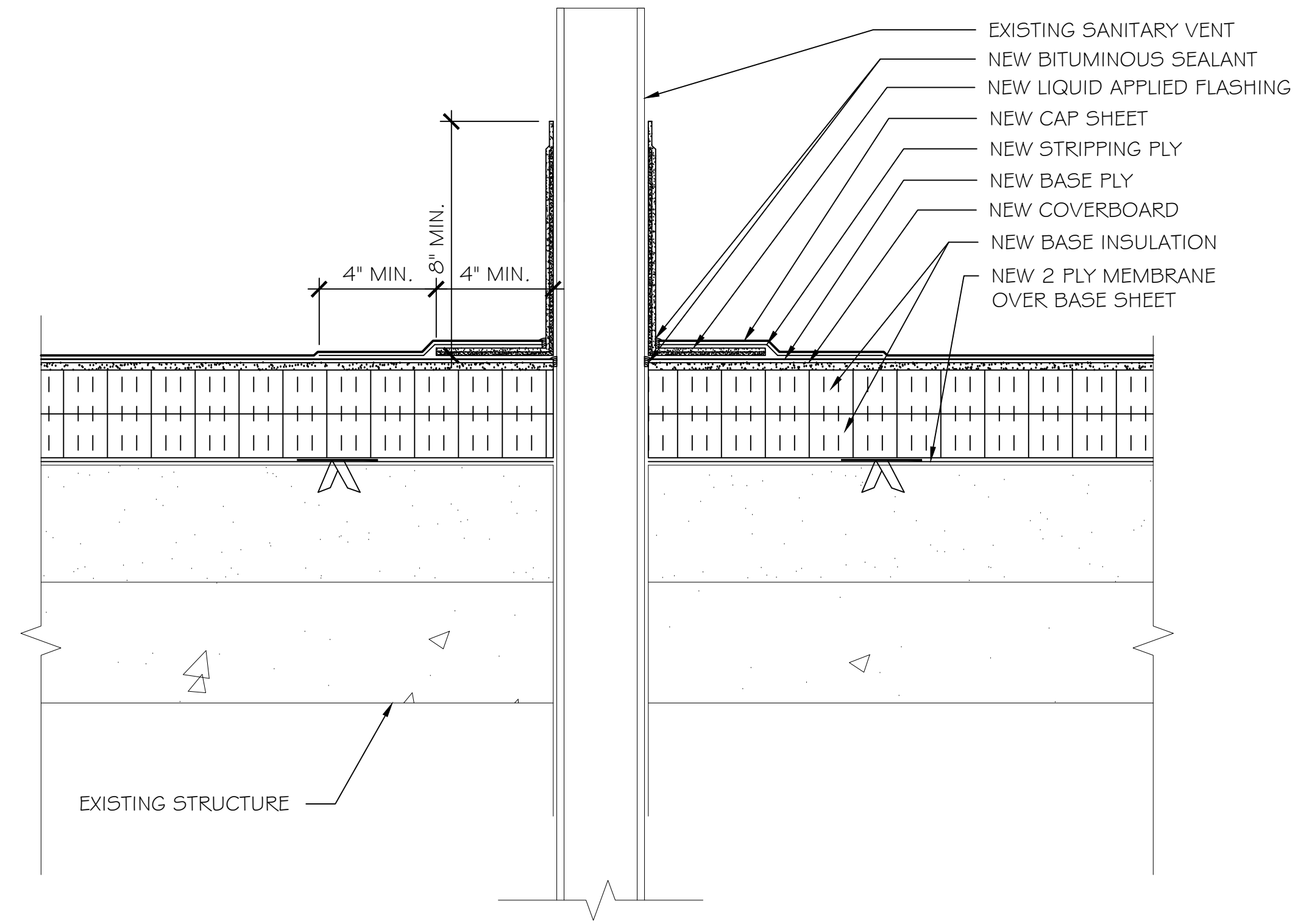


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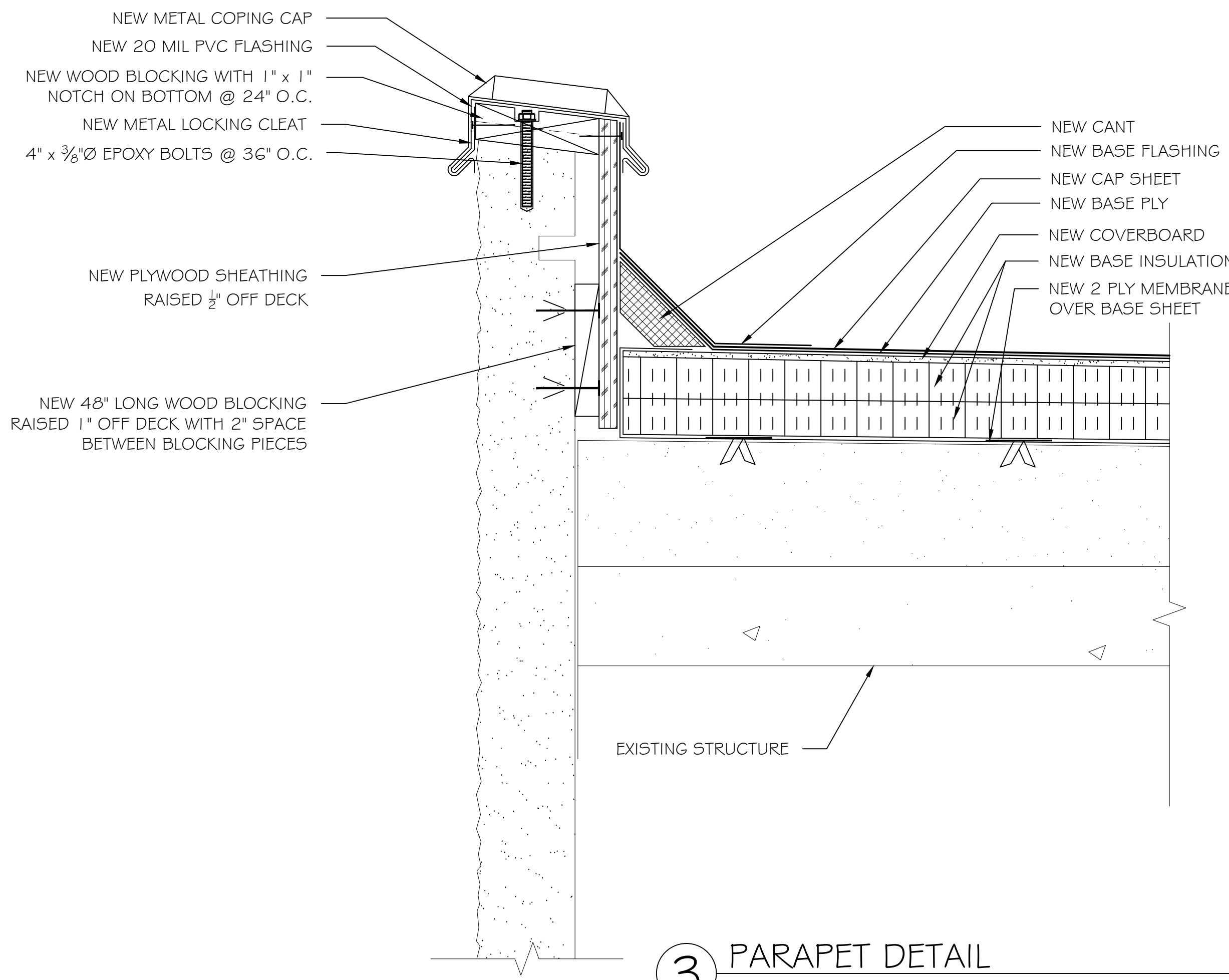
SHEET
R2



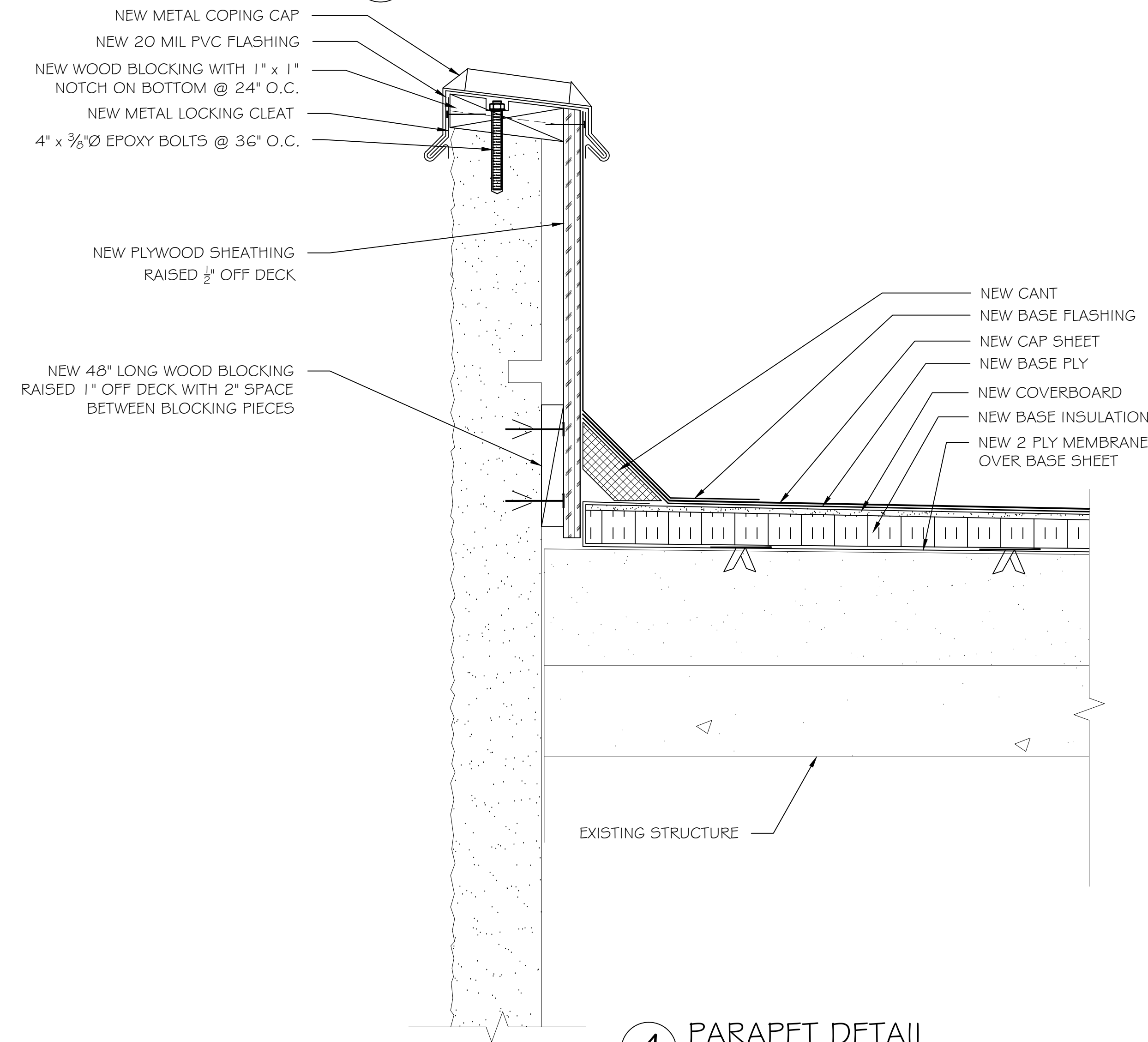
1 TYPICAL ROOF DRAIN DETAIL



2 TYPICAL SANITARY VENT DETAIL

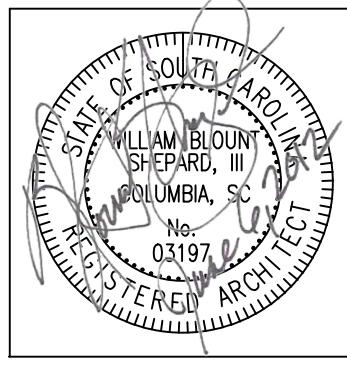
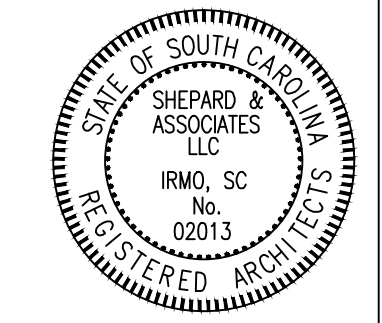


3 PARAPET DETAIL

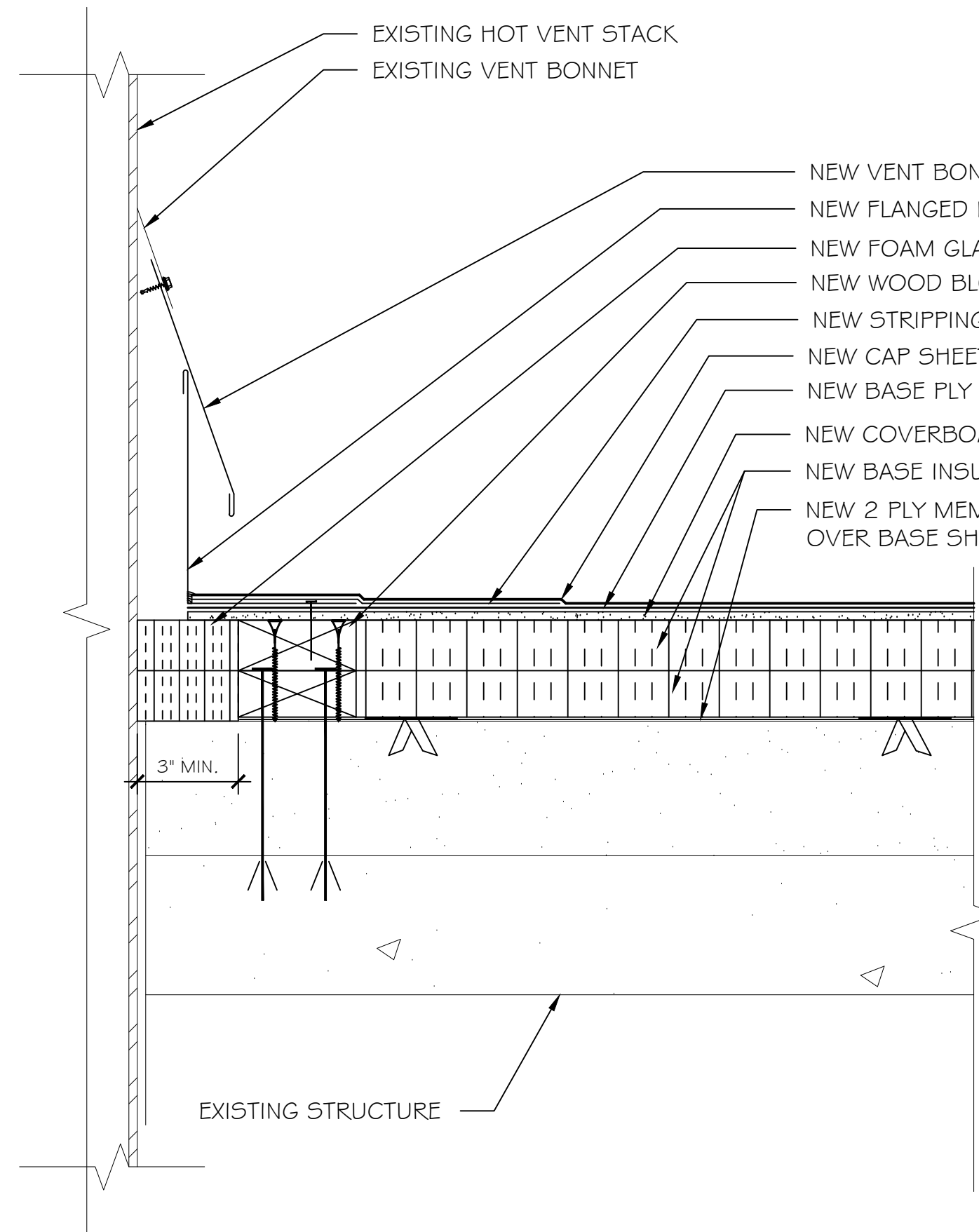


4 PARAPET DETAIL

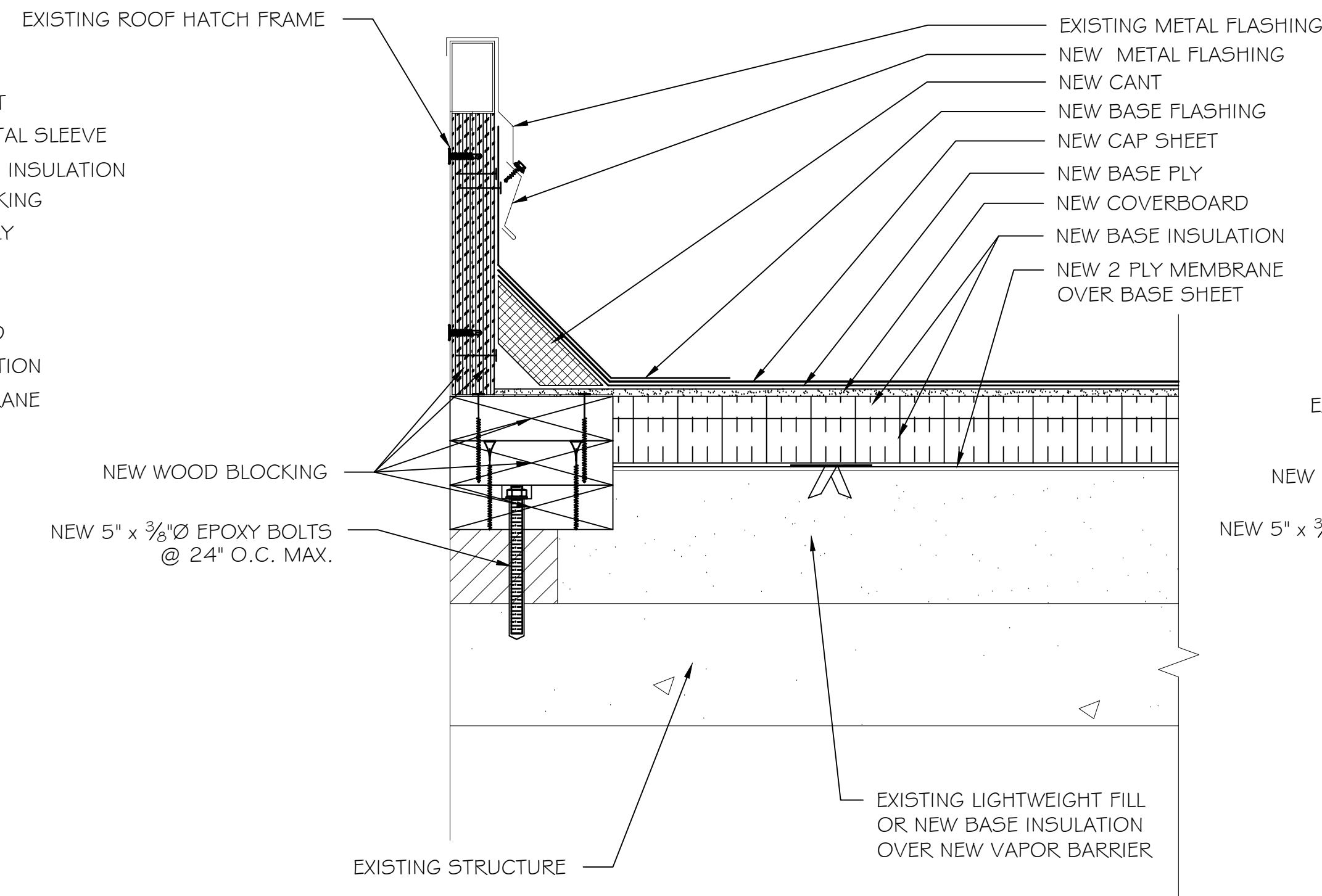
REVISIONS	REVISION	DATE	APPROVED



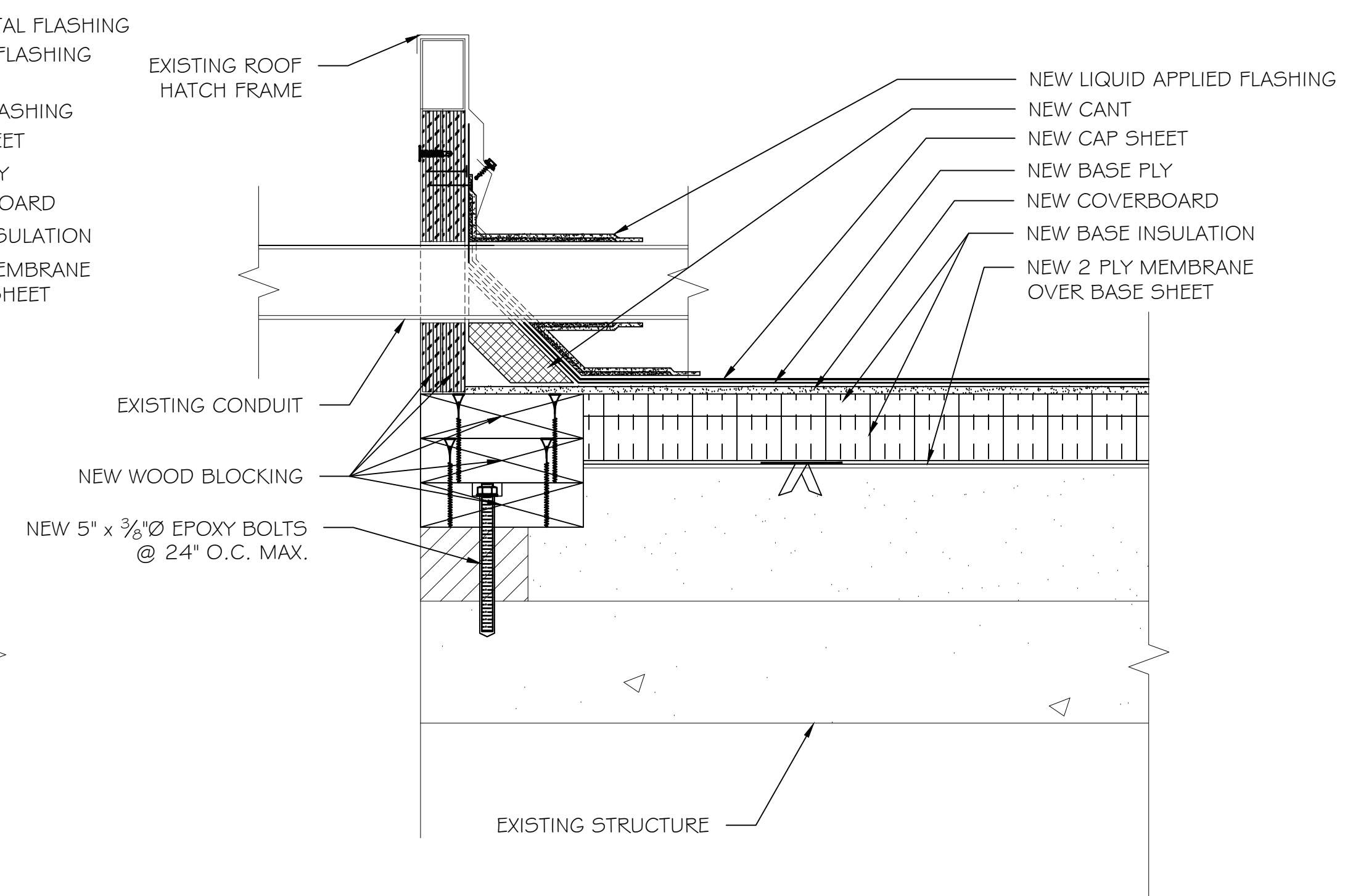
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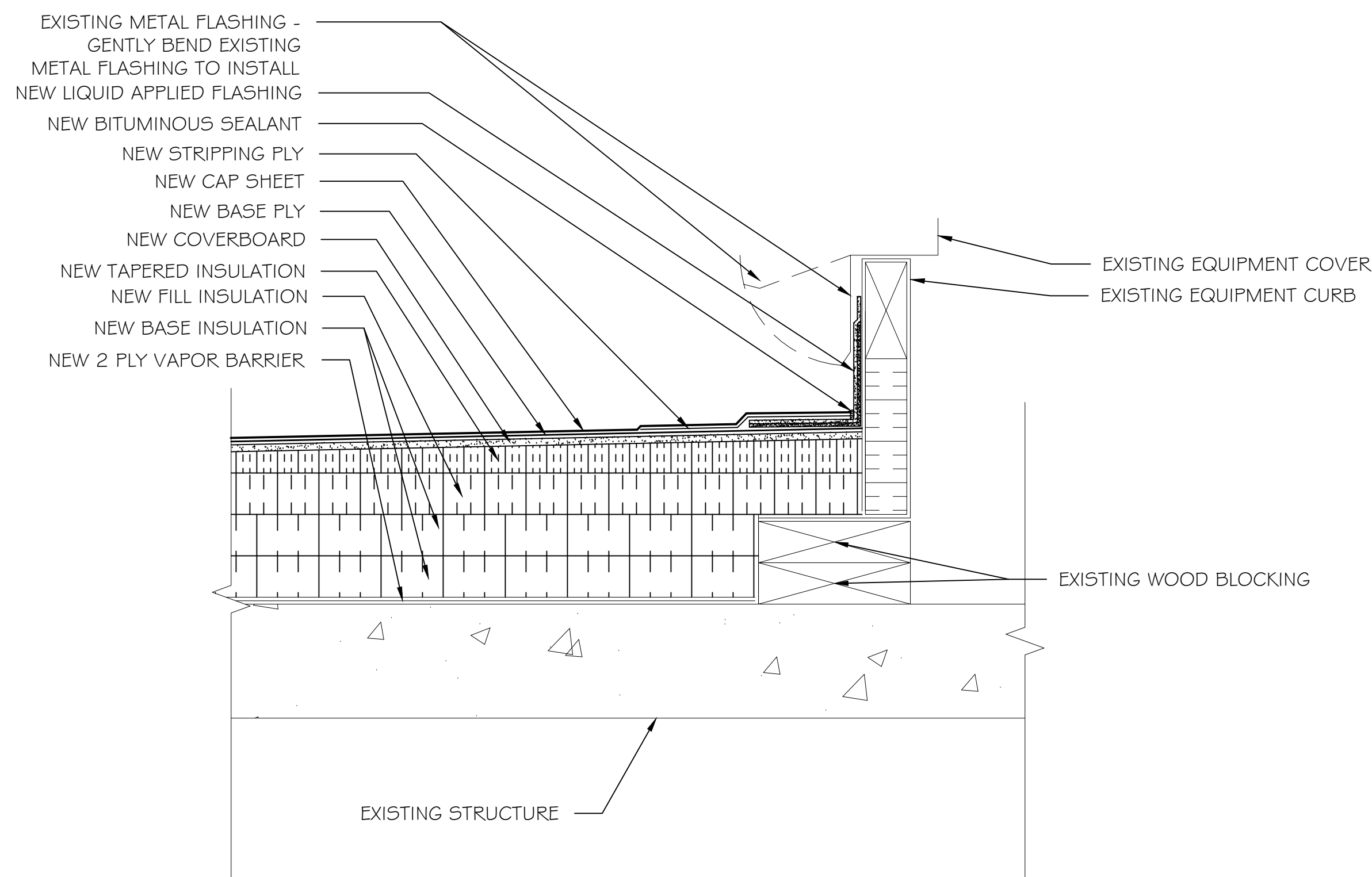
1 TYPICAL HOT VENT STACK DETAIL



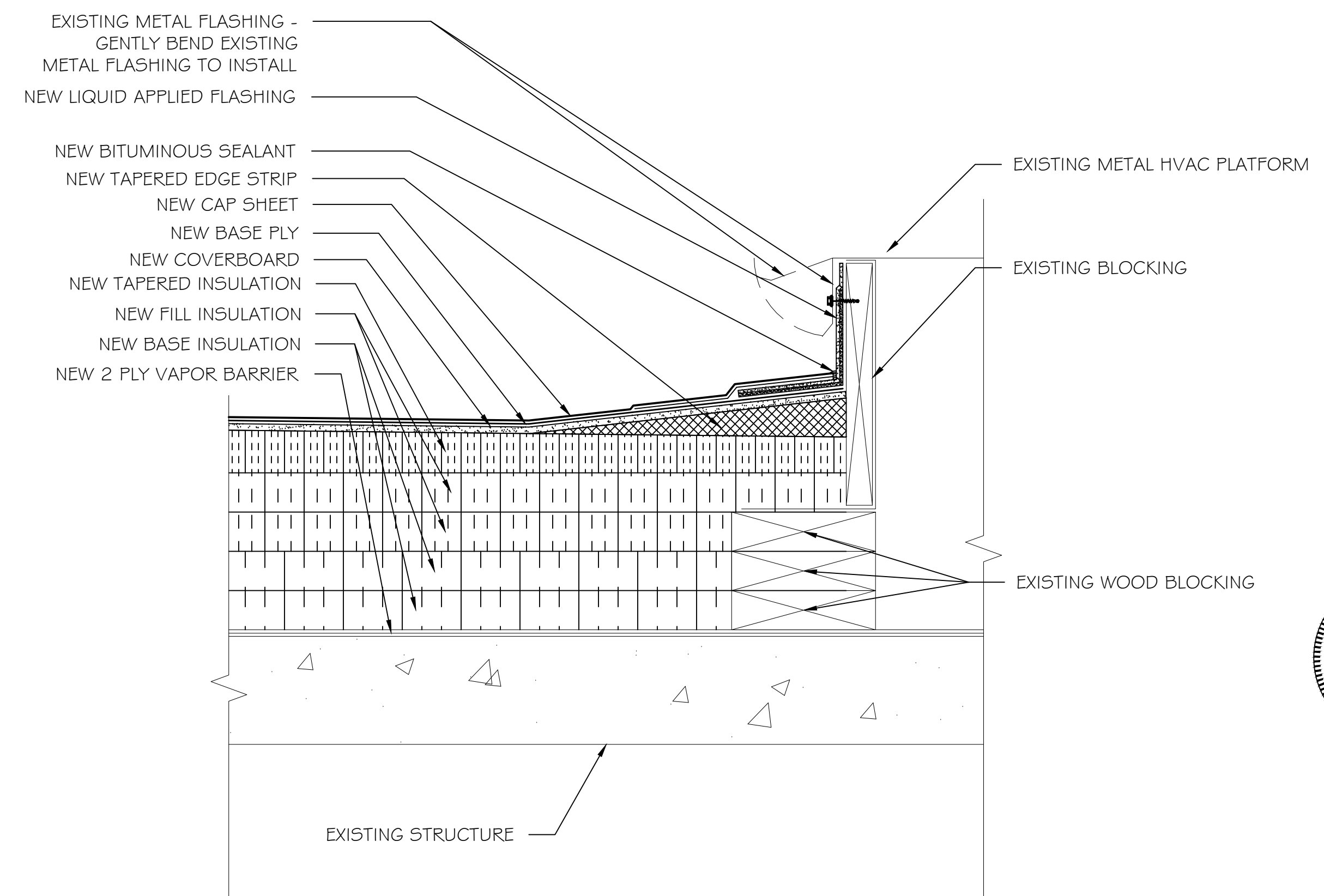
2 EXISTING ROOF HATCH DETAIL



2A EXISTING ROOF HATCH DETAIL @ CONDUIT PENETRATION
USE THIS SECTION ON SIDE WHERE CONDUIT PENETRATES ROOF HATCH FRAME ONLY

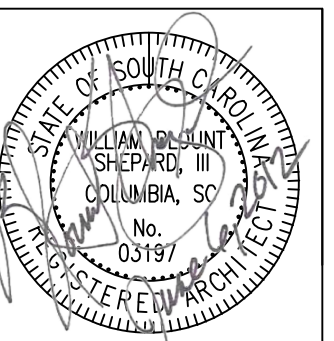
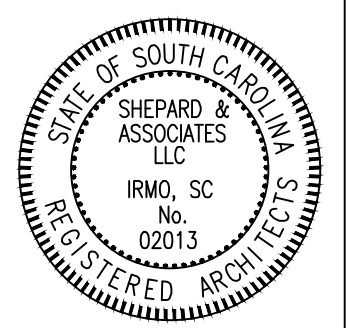


3 TELEPHONE CONDUIT PENETRATION HOUSING CURB



4 EXISTING HVAC PLATFORM CURB

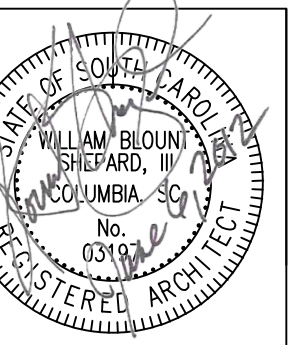
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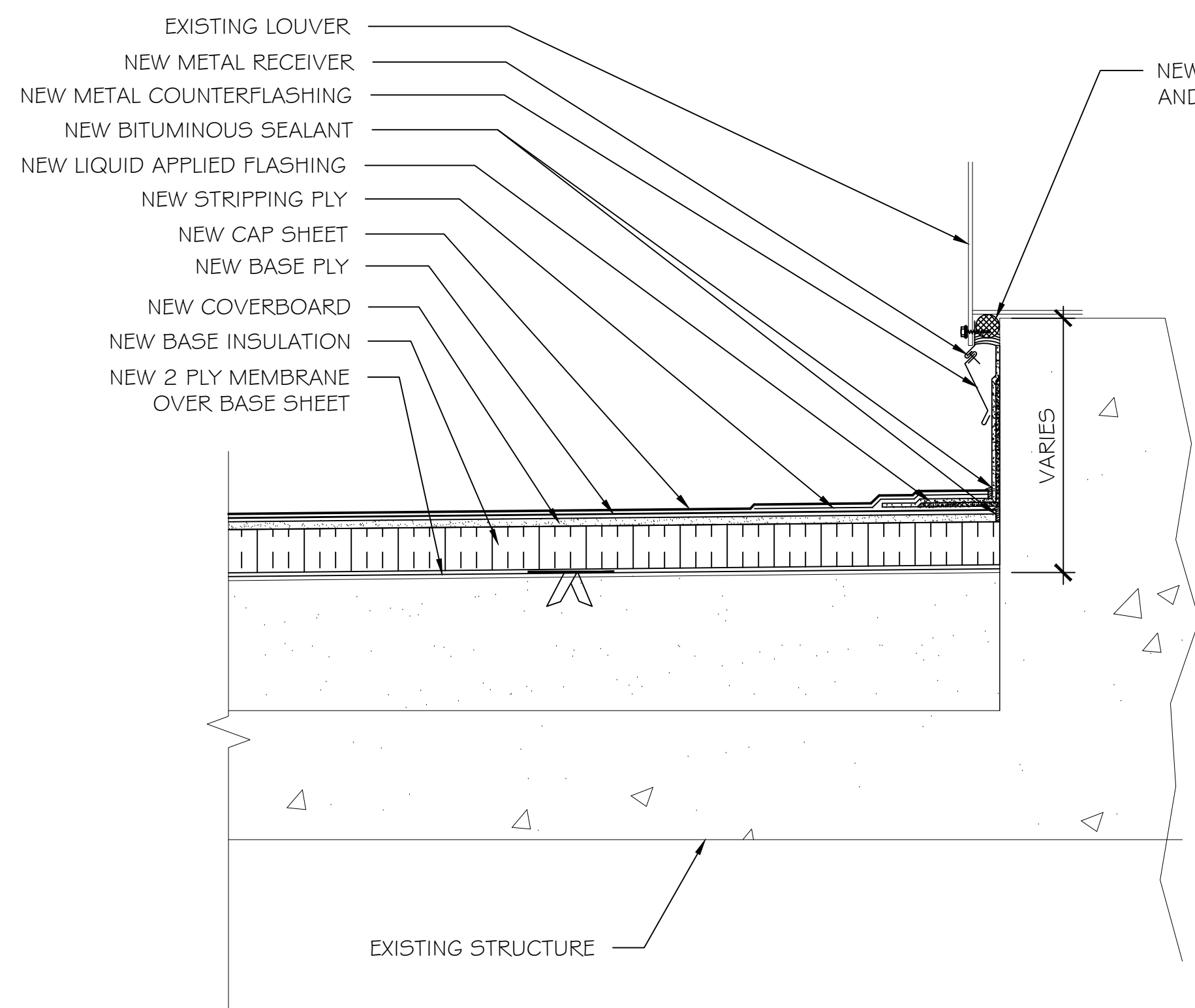
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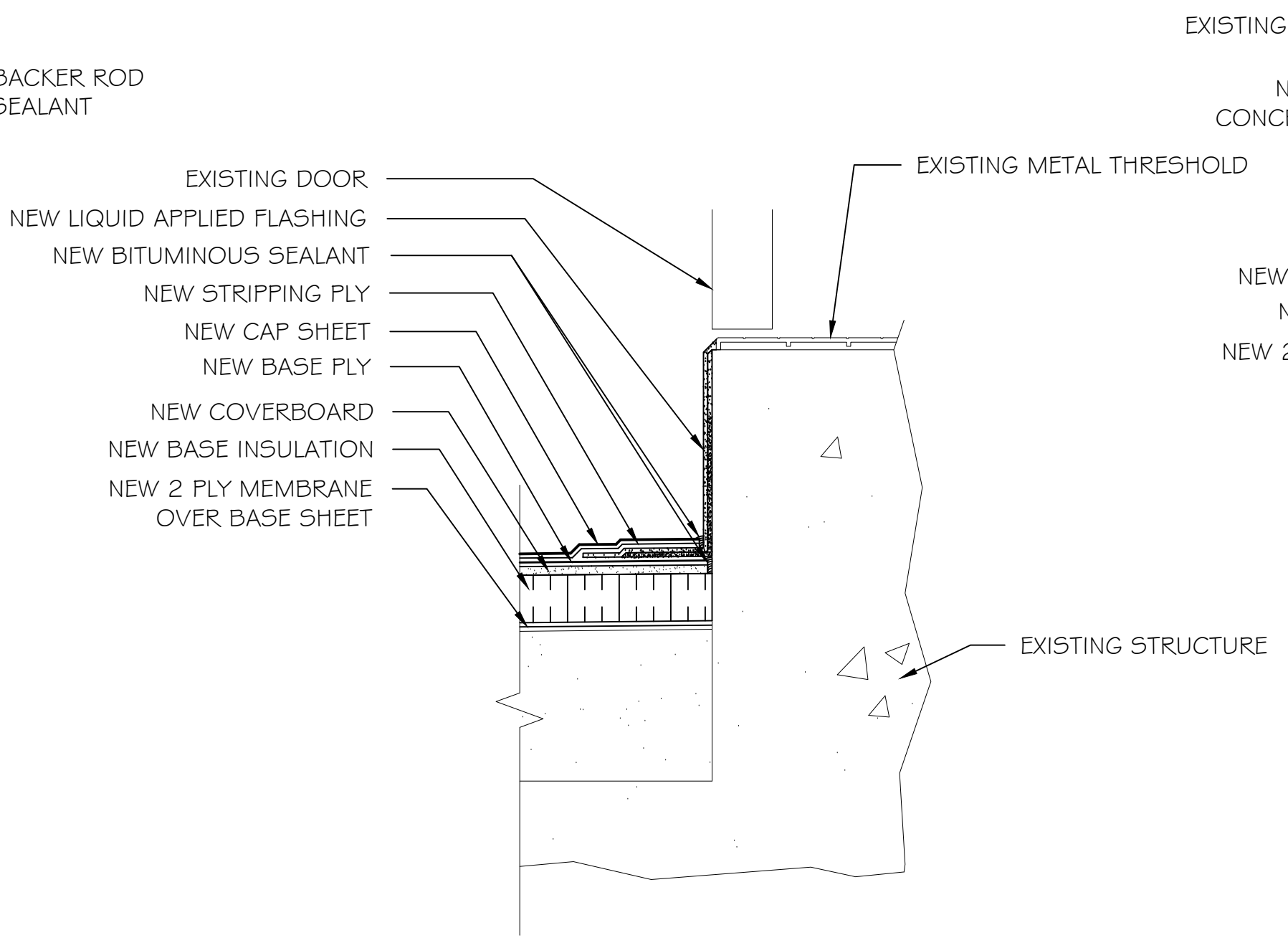
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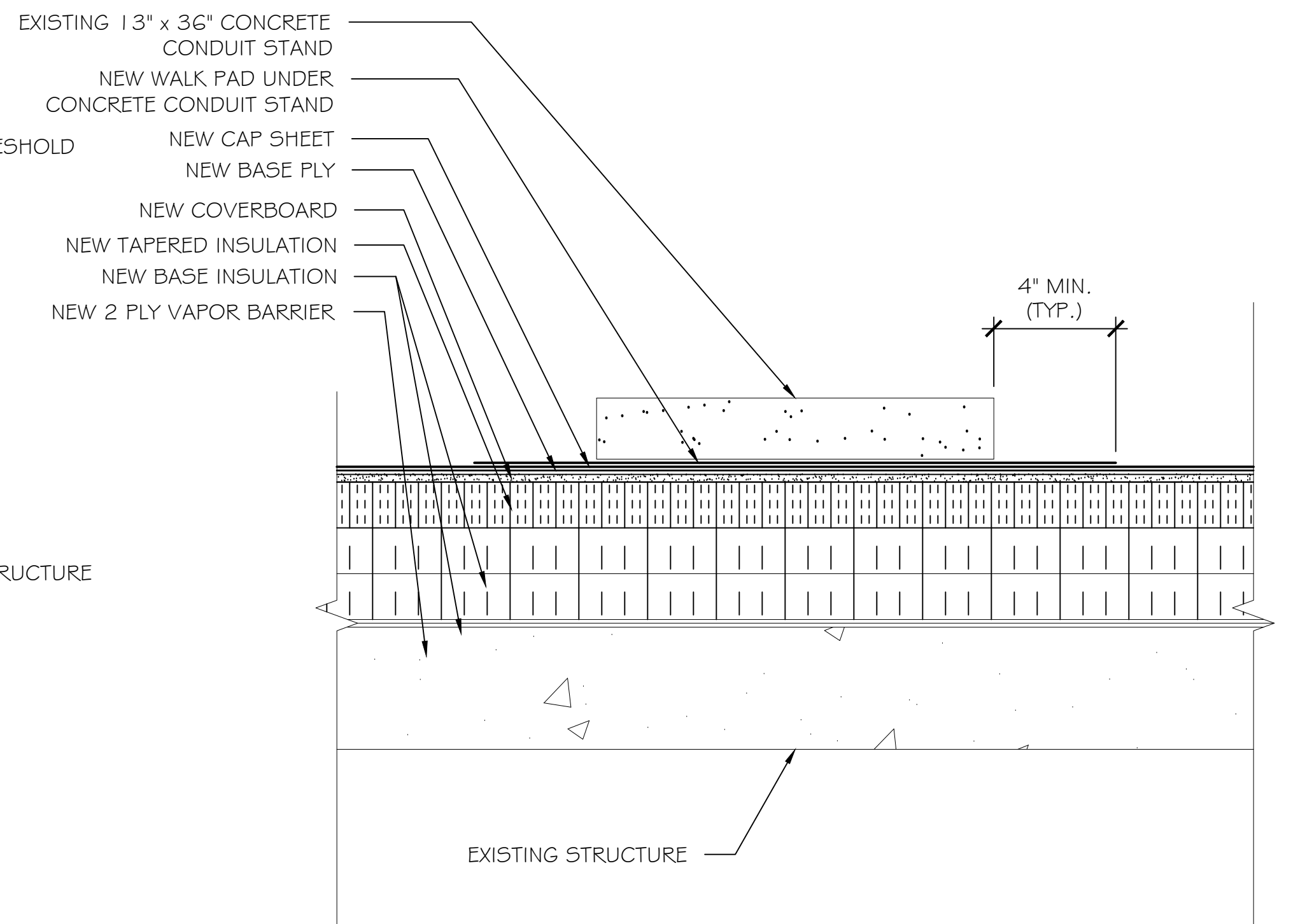
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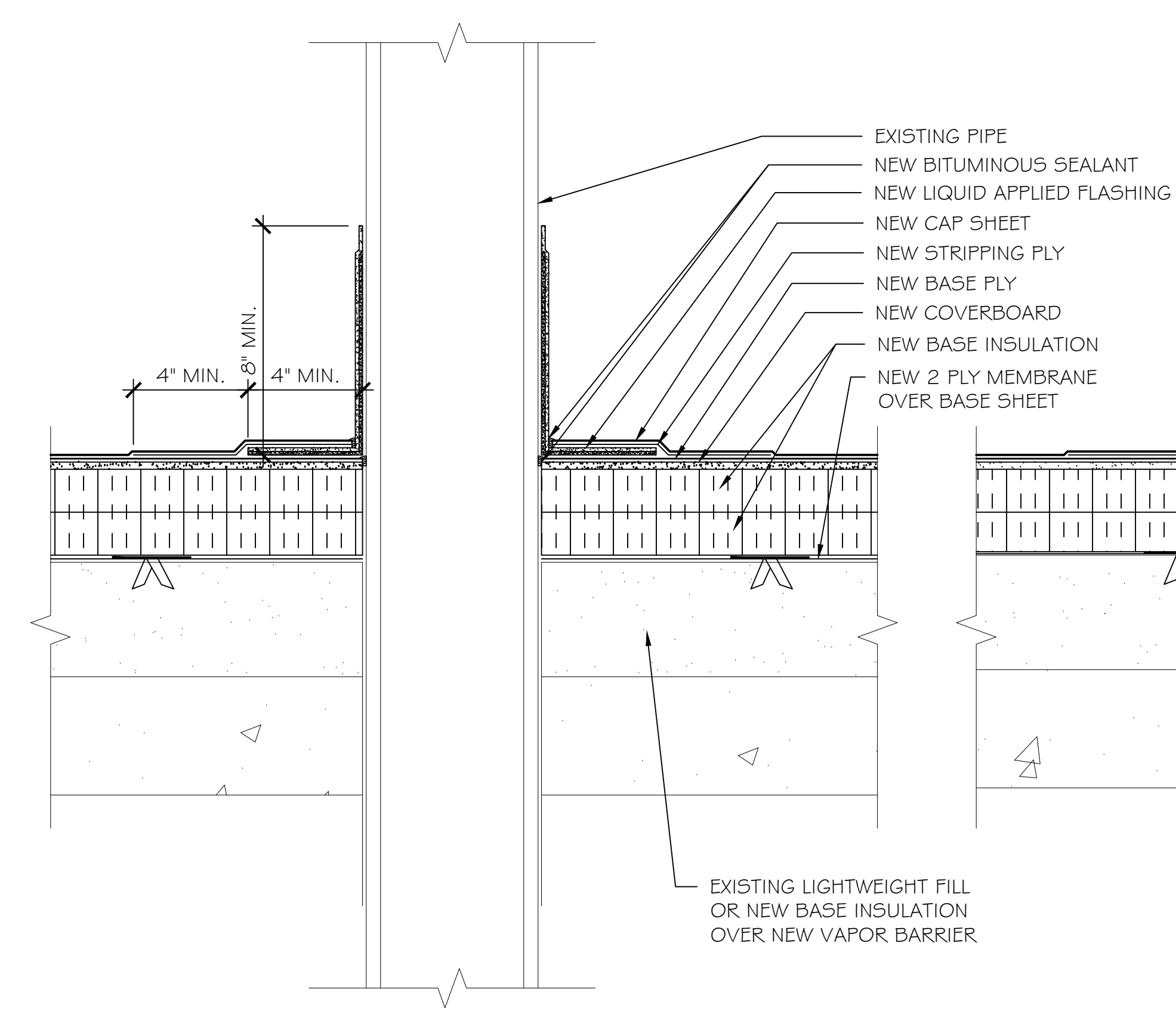
1 TYPICAL DETAIL AT LOUVER



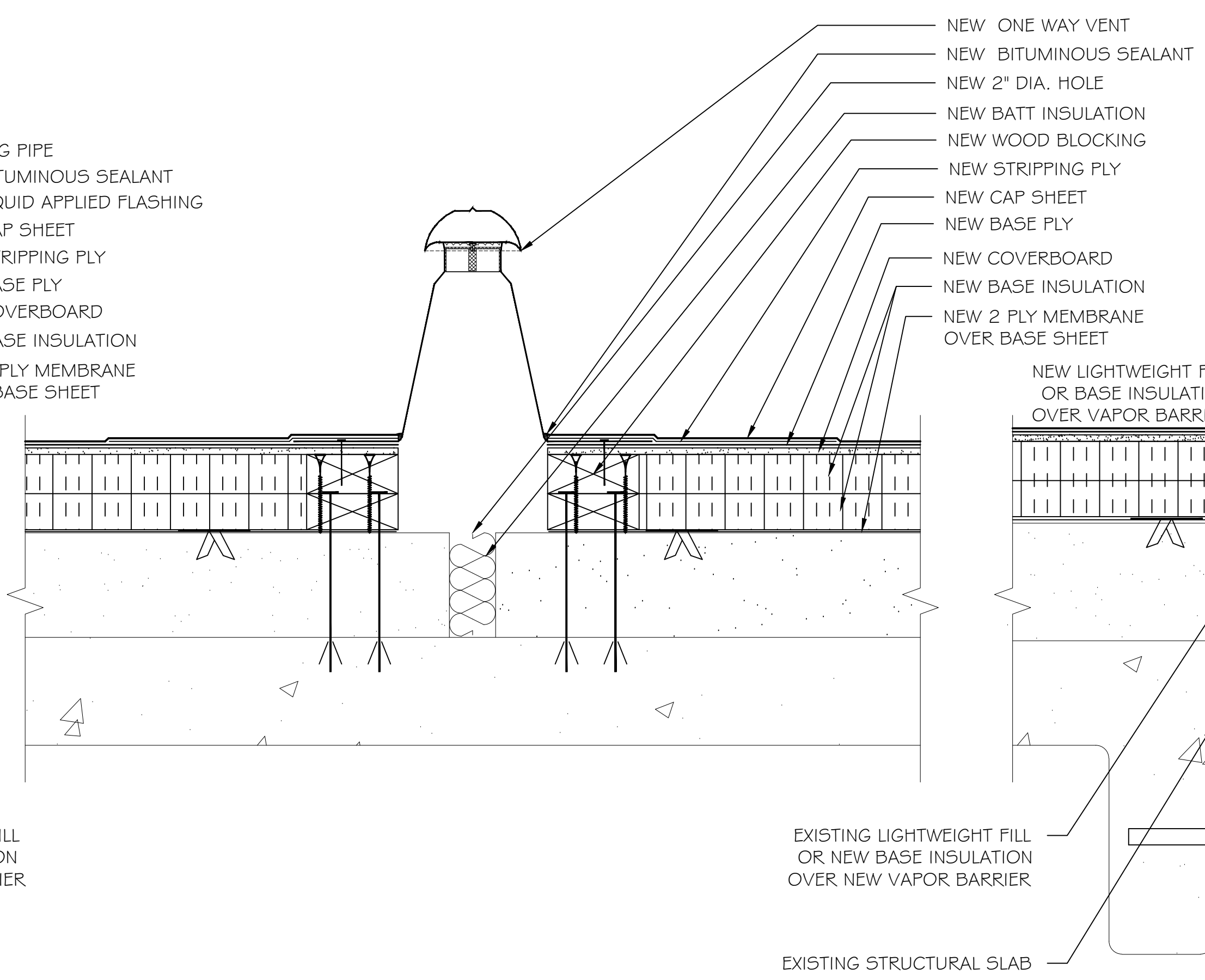
1A TYPICAL DETAIL AT LOUVER
 USE THIS SECTION AT LOUVER WALL WHERE DOOR IS LOCATED



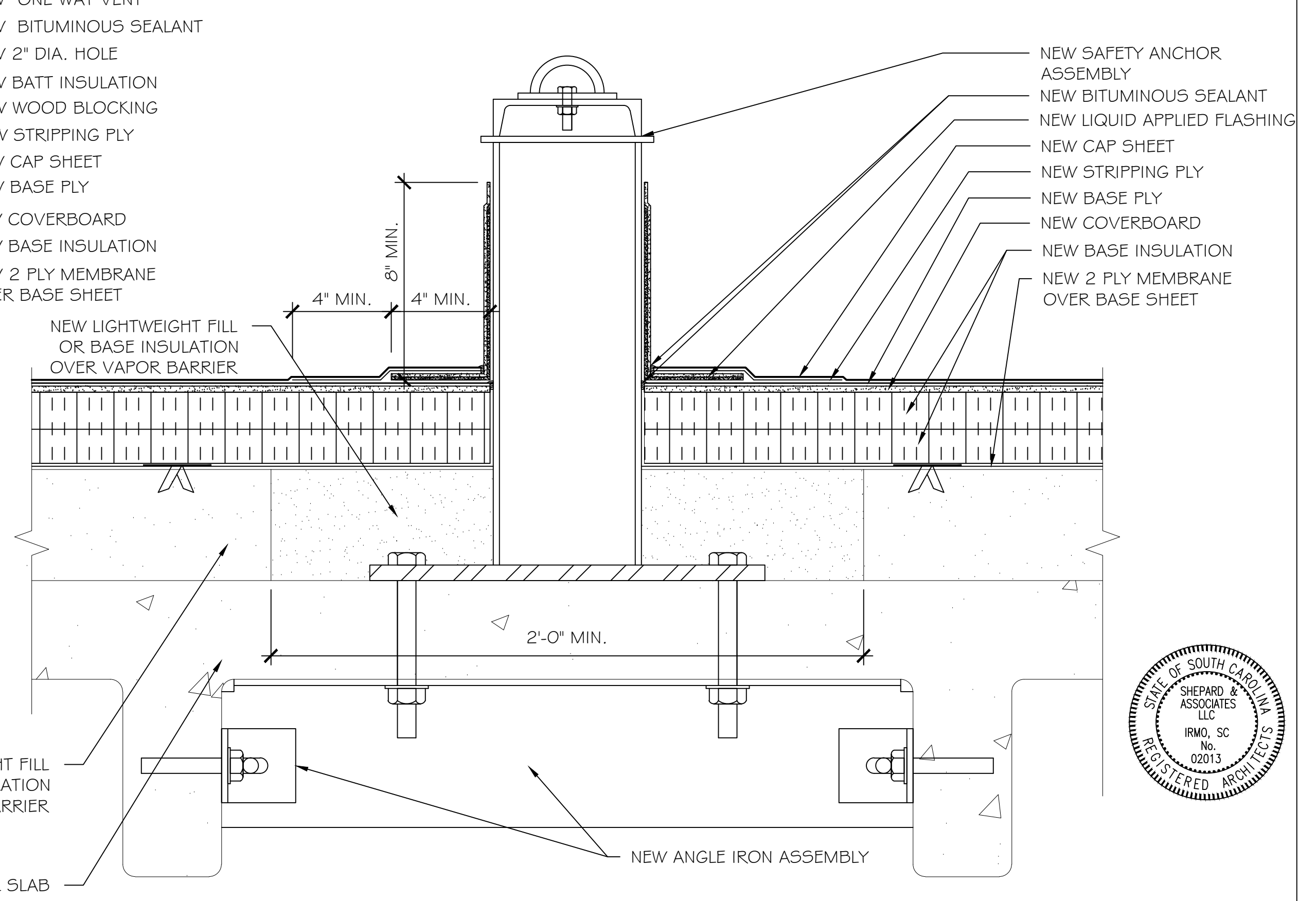
2 TYPICAL DETAIL AT CONCRETE CONDUIT STAND



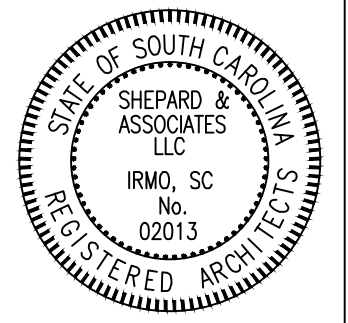
3 TYPICAL PIPE PENETRATION DETAIL

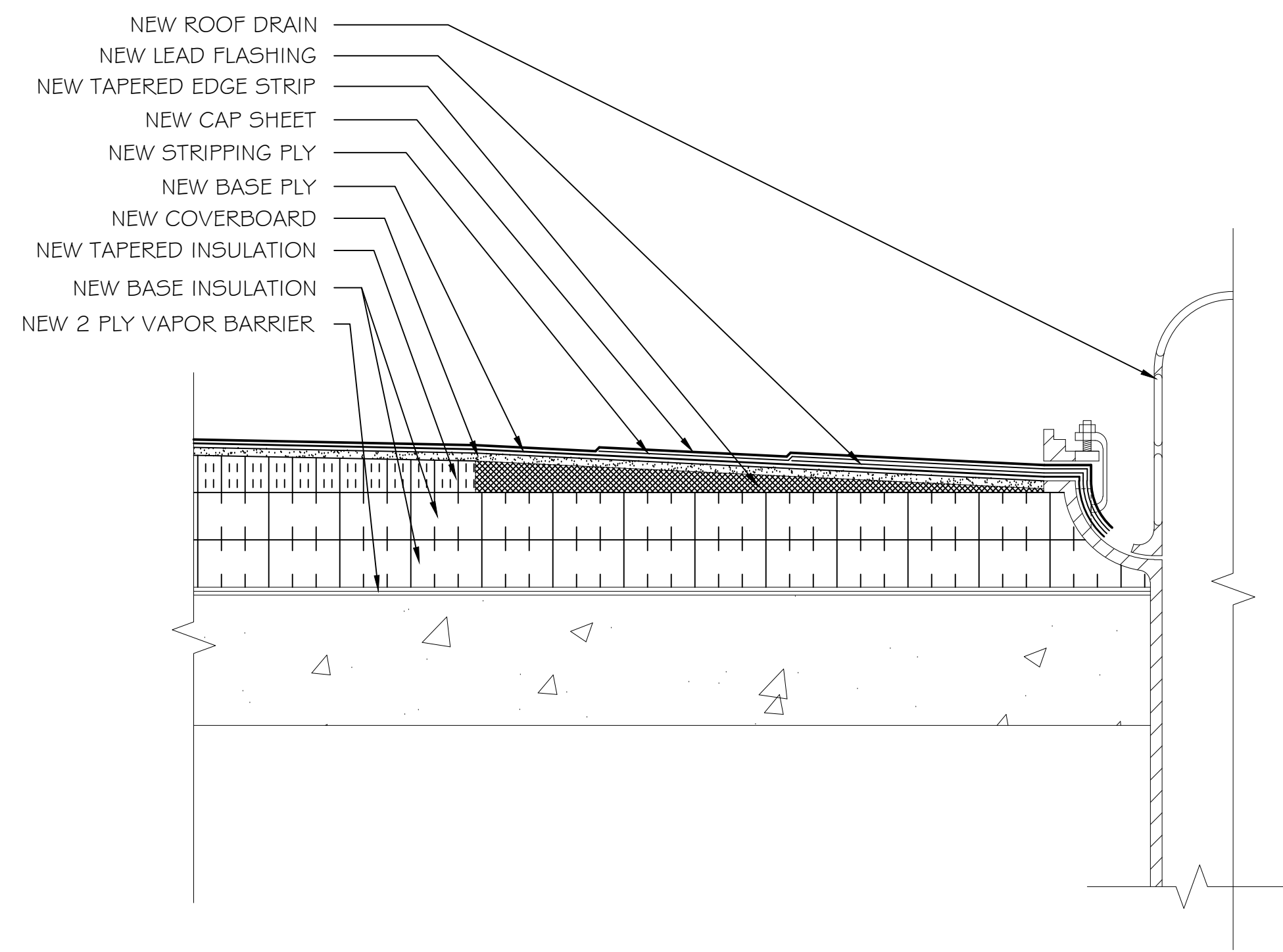


4 NEW ONE WAY VENT DETAIL

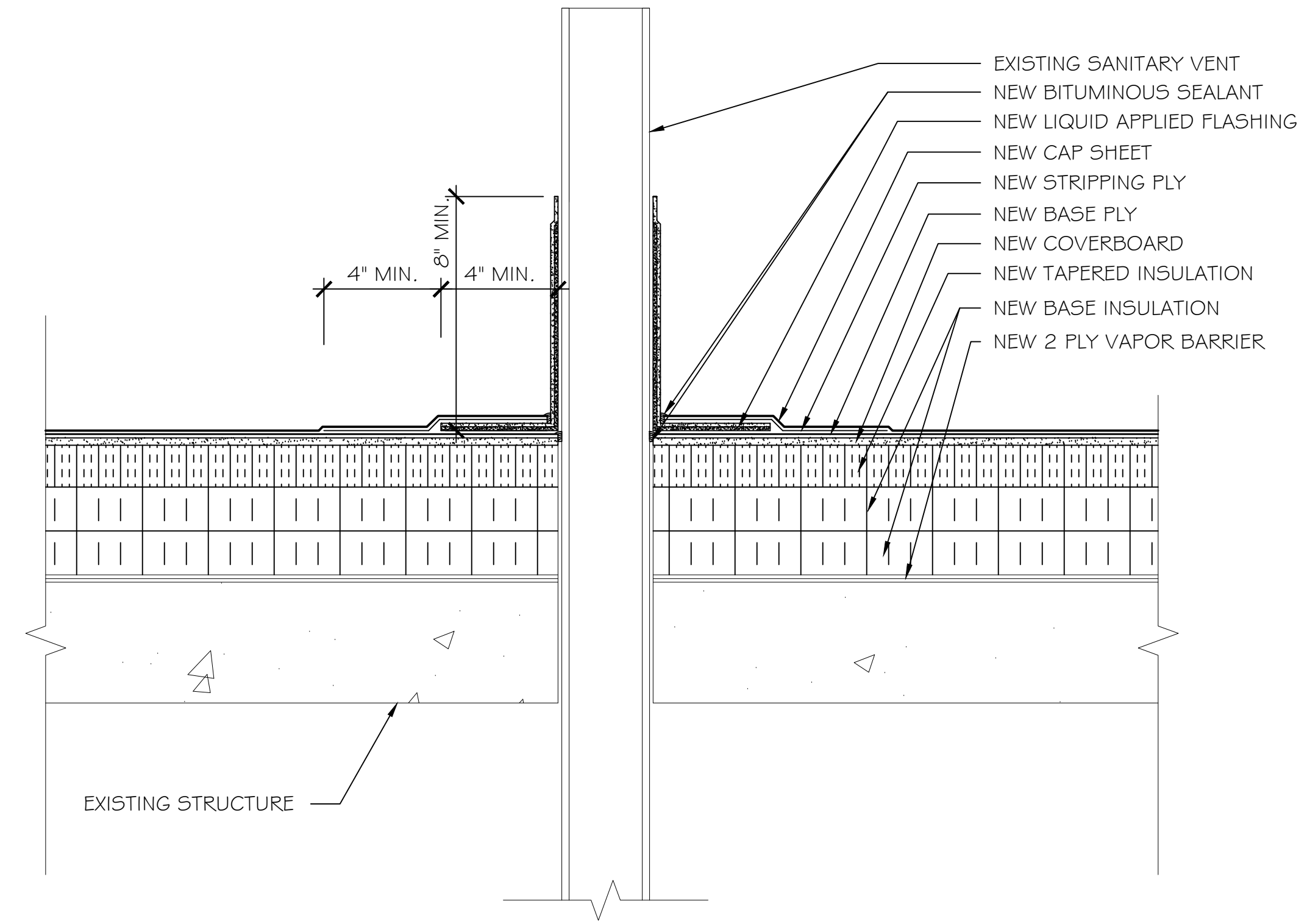


5 SAFETY ANCHOR BASE DETAIL

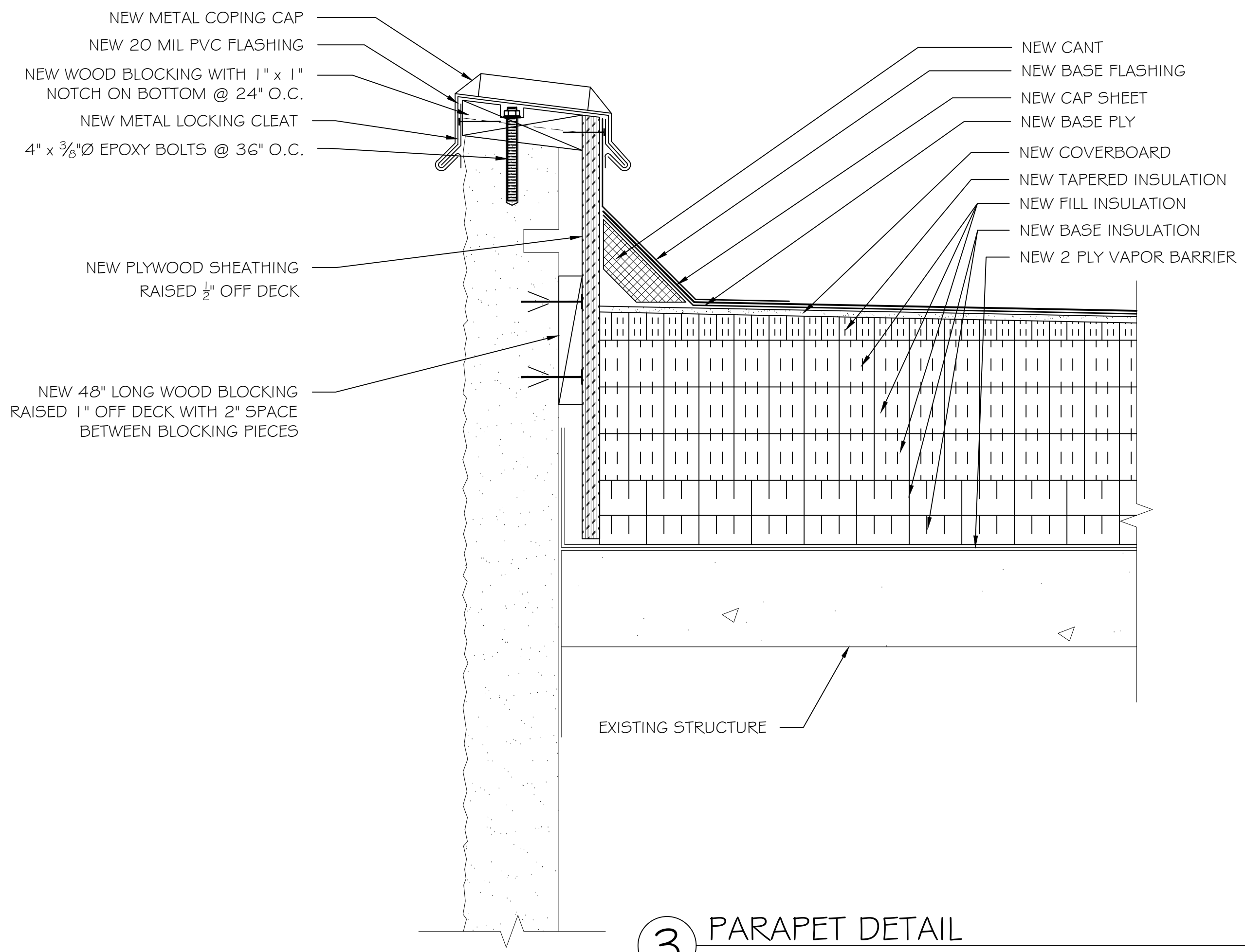




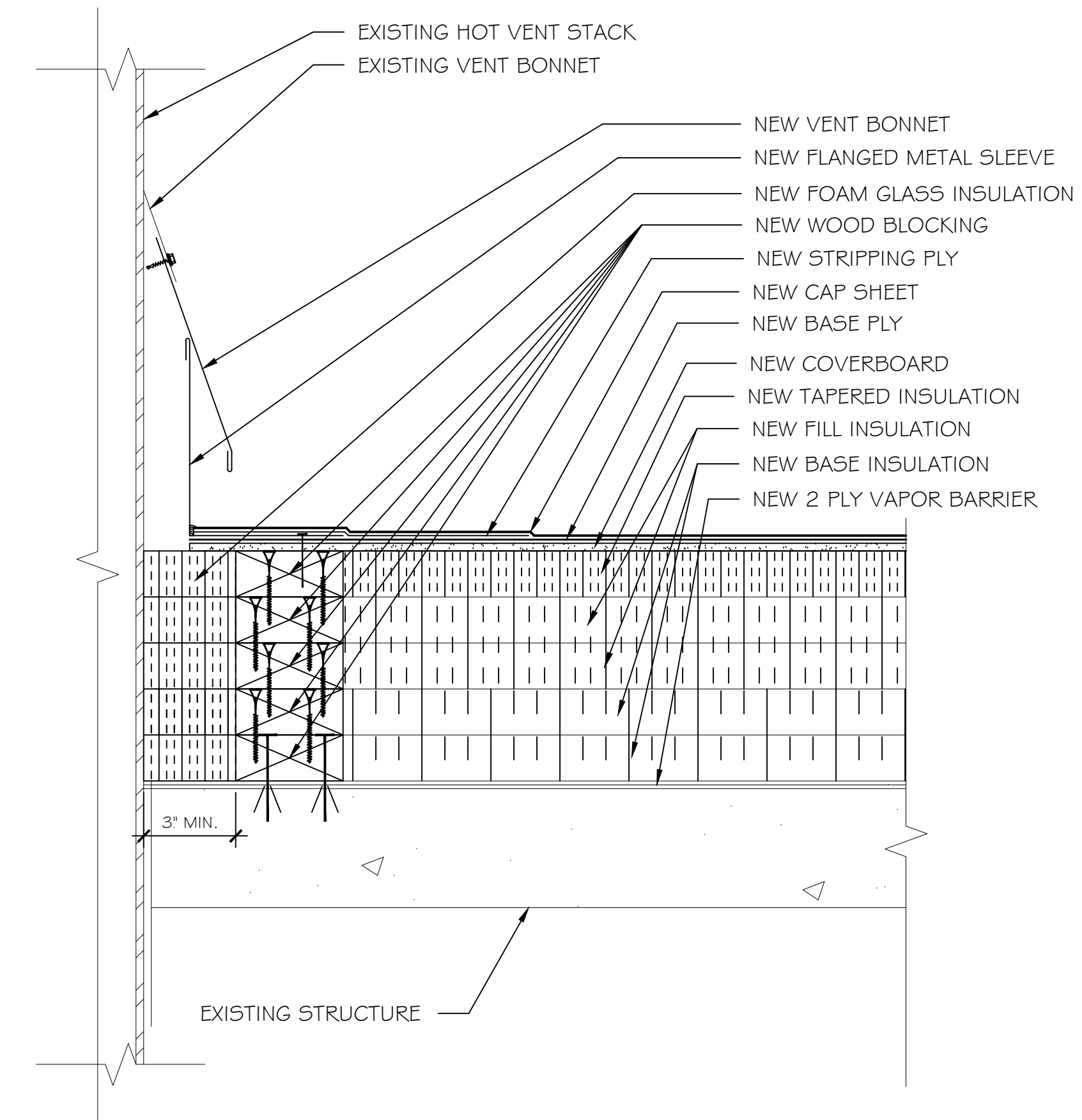
1 TYPICAL ROOF DRAIN DETAIL



2 TYPICAL SANITARY VENT DETAIL

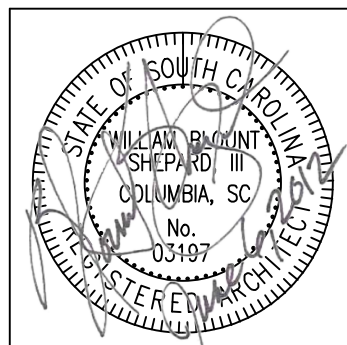
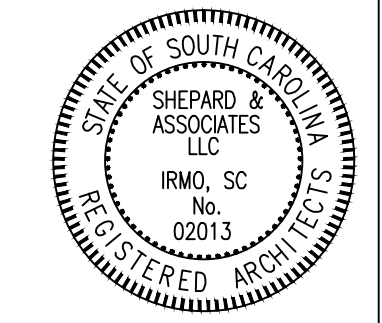


3 PARAPET DETAIL



4 TYPICAL HOT VENT STACK DETAIL

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