

# ROOF REPLACEMENT

511 SUSSEX AVENUE  
SEAFORD, DELAWARE 19973

2/7/2012 3:32 PM



north

NOTE:

SPACING AND FASTENING OF NAILERS SHALL CONFORM TO  
FACTORY MUTUAL LOSS PREVENTION DATA SHEET I - 49

**GENERAL CONSTRUCTION NOTES:**

2. INSTALL CROCKETS ON UP-SLOPE SIDE OF ALL EXISTING CURBS.

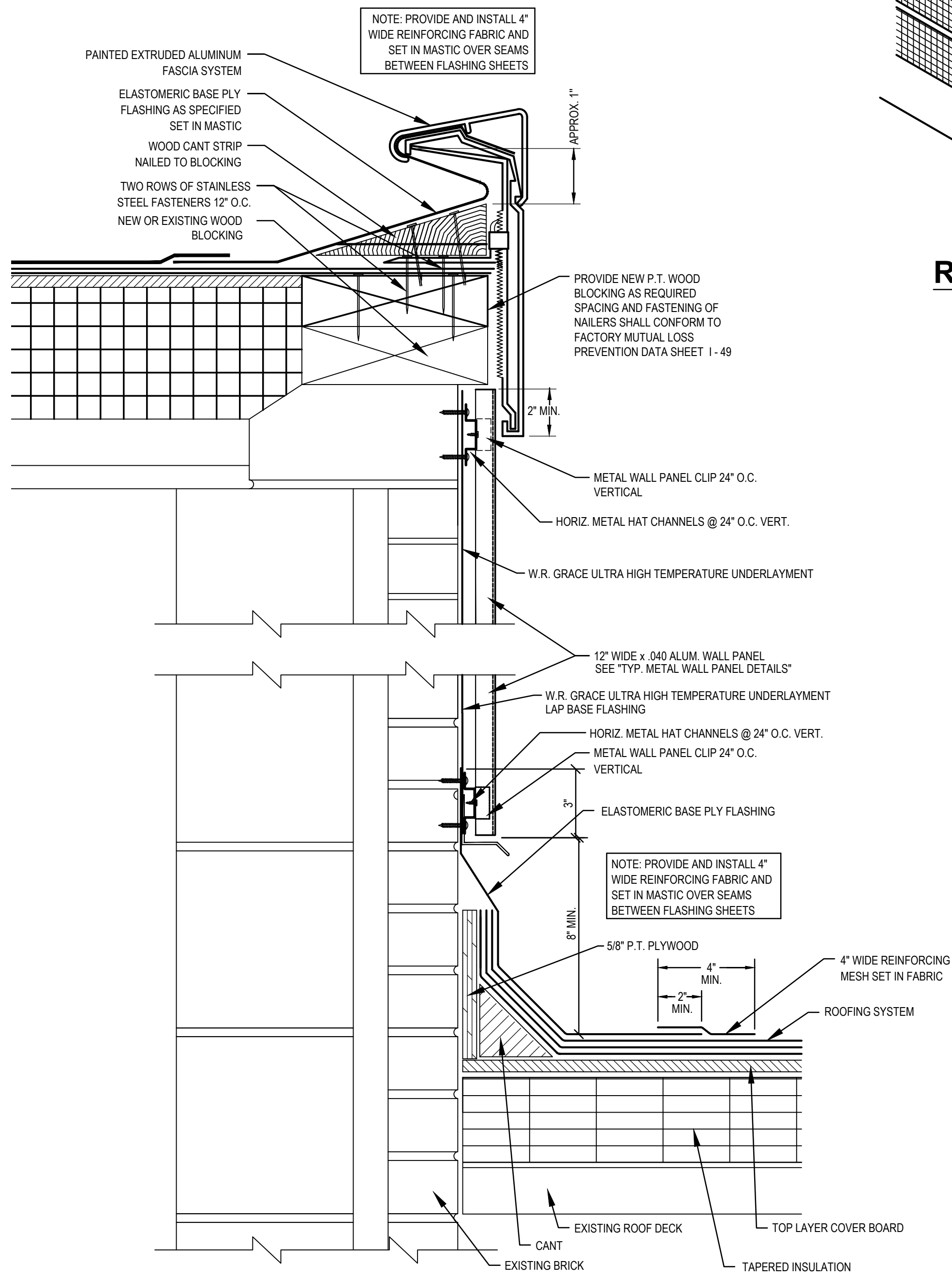
3. INSTALL NEW ROOF DRAIN ASSEMBLIES PER DETAIL AT ALL EXISTING ROOF DRAINS.

CONTRACTOR SHALL BECOME FAMILIAR WITH AND VERIFY THE CONDITIONS, DIMENSIONS AND LOCATIONS OF ALL ROOF AREAS INCLUDING ROOF TOP EQUIPMENT, FLASHINGS, DOWNS, CONDUCIT, PIPE FLASHINGS, PIPE LINES, CONDUCIT, PIPE SUPPORTS, ETC. BEFORE SUBMITTING A BID OR COMMENCING WORK. EXISTING PIPES, CROCKETS, ELECTRICAL LINES, CABLES, GUY WIRES, AND DUCTWORK ABOVE THE ROOF SURFACE HAVE NOT BEEN SHOWN ON THE ROOF PLAN.

WHERE ONLY ONE DETAIL SYMBOL IS SHOWN FOR EACH TYPE OF ROOF PENETRATION, ALL OTHER SUCH PENETRATIONS ARE TO BE FLASHED AS REQUIRED BY THE DETAIL, UNLESS OTHERWISE NOTED.

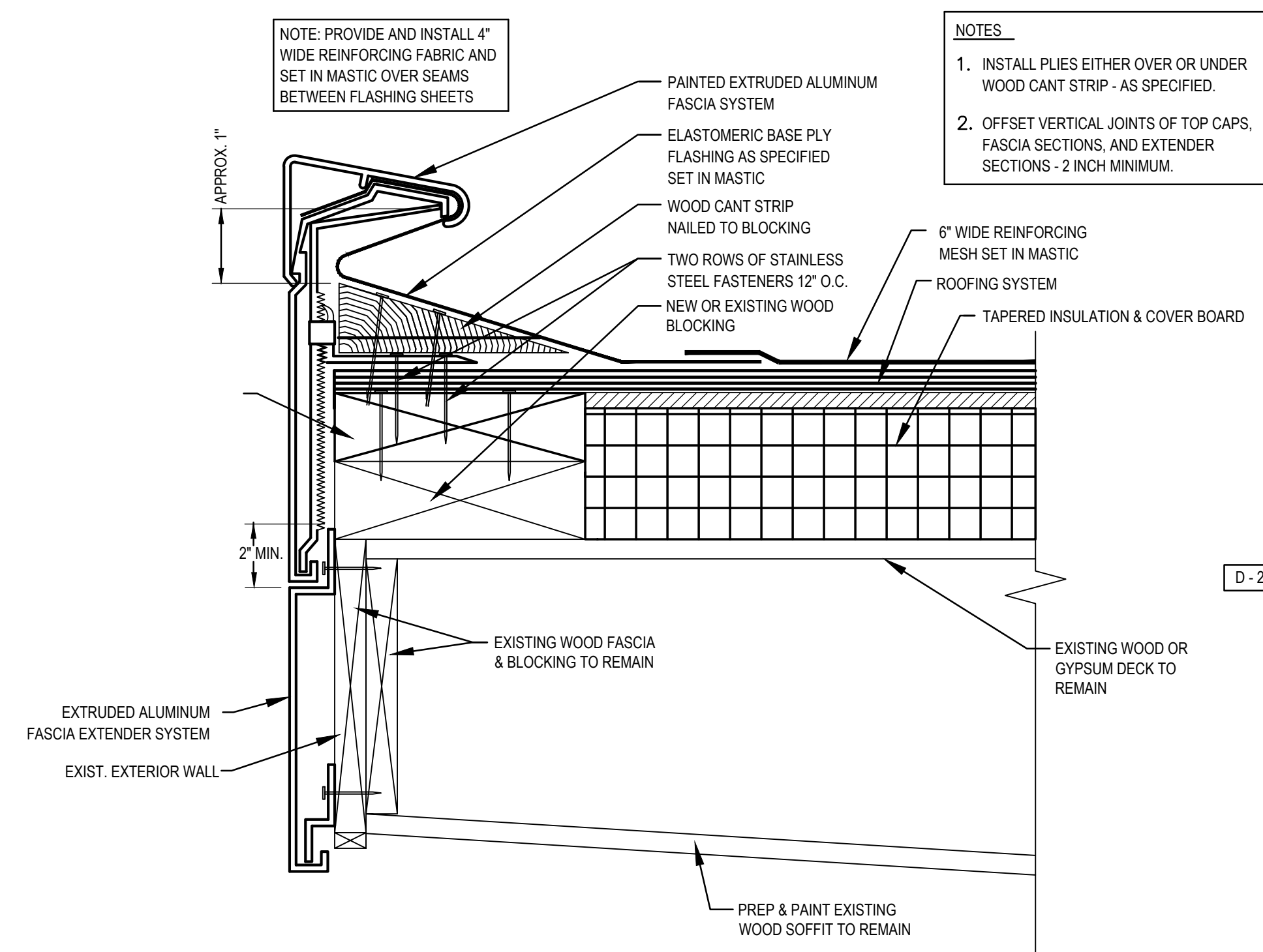
5. FLASH ALL ROOF TOP EQUIPMENT, WALLS, AND OTHER ROOF TOP PENETRATIONS IN ACCORDANCE WITH THE CONTRACT DRAWINGS, APPROVED SHOP DRAWINGS AND AS REQUIRED BY THE ROOF MEMBRANE MANUFACTURER. THE PROJECT DETAILS SHALL GOVERN THE MATERIAL INSTALLATION, UNLESS THE MATERIAL MANUFACTURER REQUIRES A MORE STRINGENT DETAIL FOR PURPOSES OF PROPER MATERIAL PERFORMANCE OR SYSTEM WARRANTY. IN WHICH CASE, THE MANUFACTURER'S DETAIL SHALL GOVERN.

6. COMPONENTS SHOWN IN SECTIONS AND DETAILS ARE TO BE USED, UNLESS



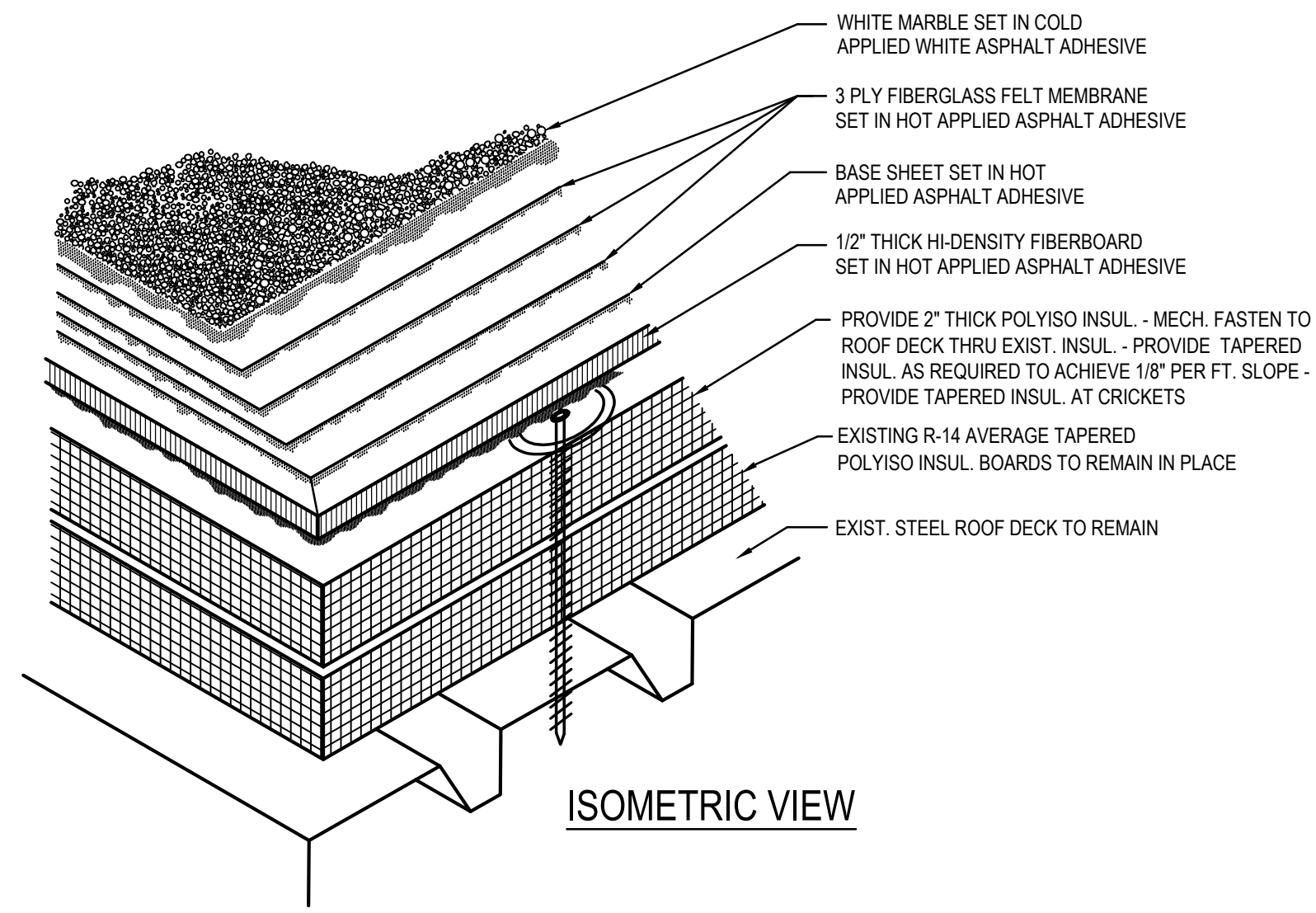
5 METAL WALL PANEL DETAIL

4.2 SCALE: 3" = 1'-0"



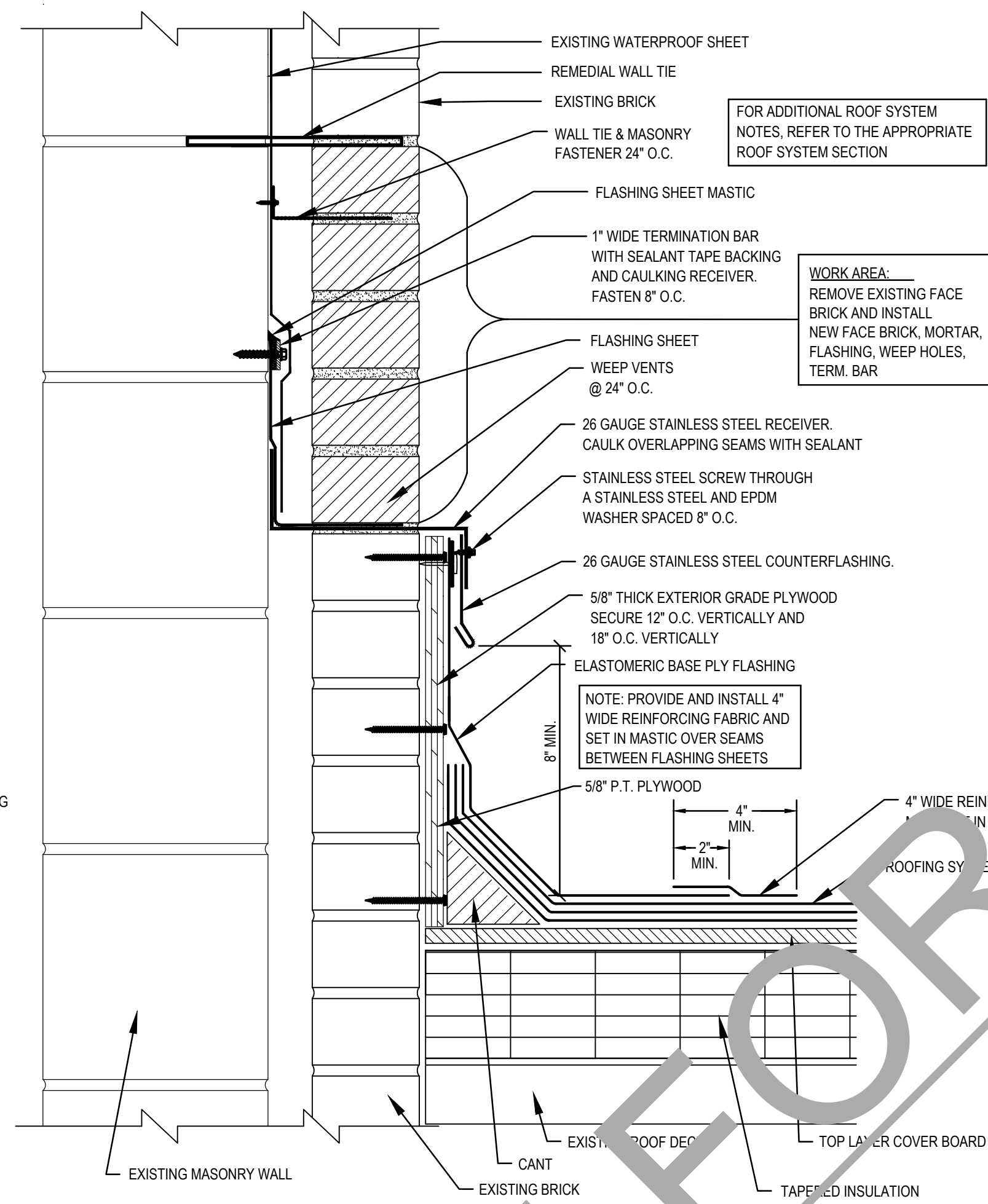
## 2 ROOF EDGE DETAIL

4.2 SCALE: 3" = 1'-0"



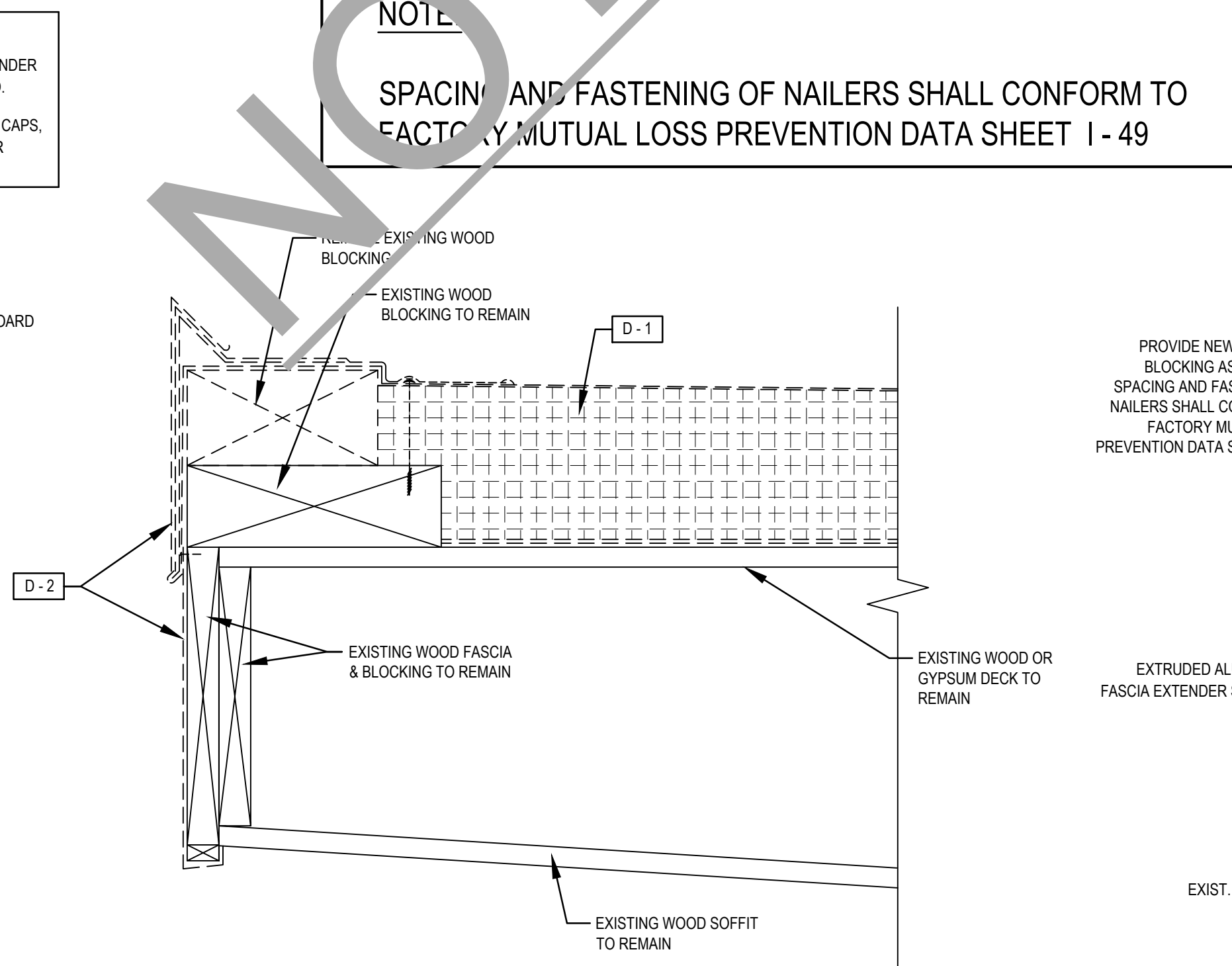
## ROOF SYSTEM SECTION

ROOF AREA "L"

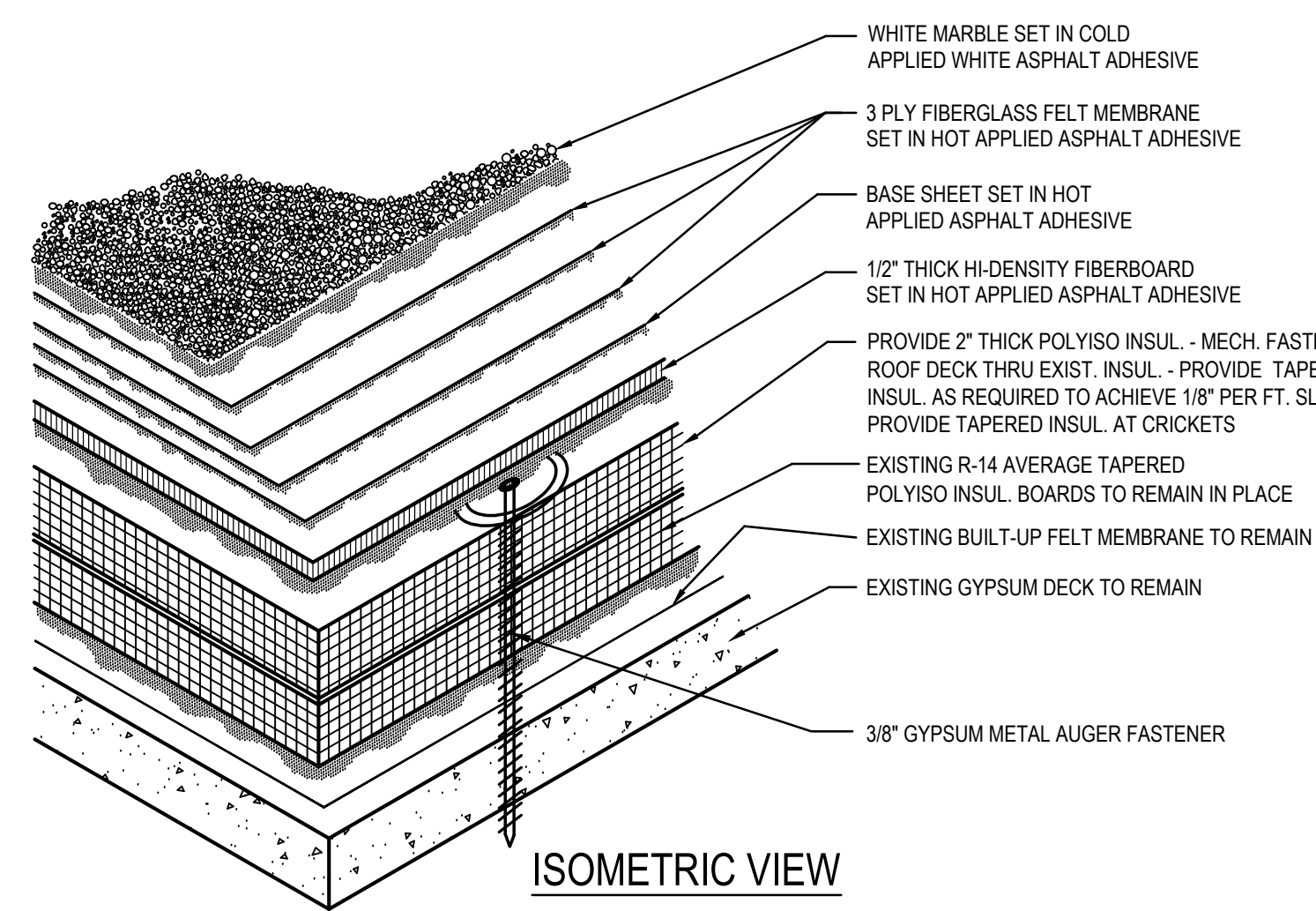


4 THRU-WALL FLASHING REPLACEMENT DETAIL

4.2 SCALE: 3" = 1'-0"

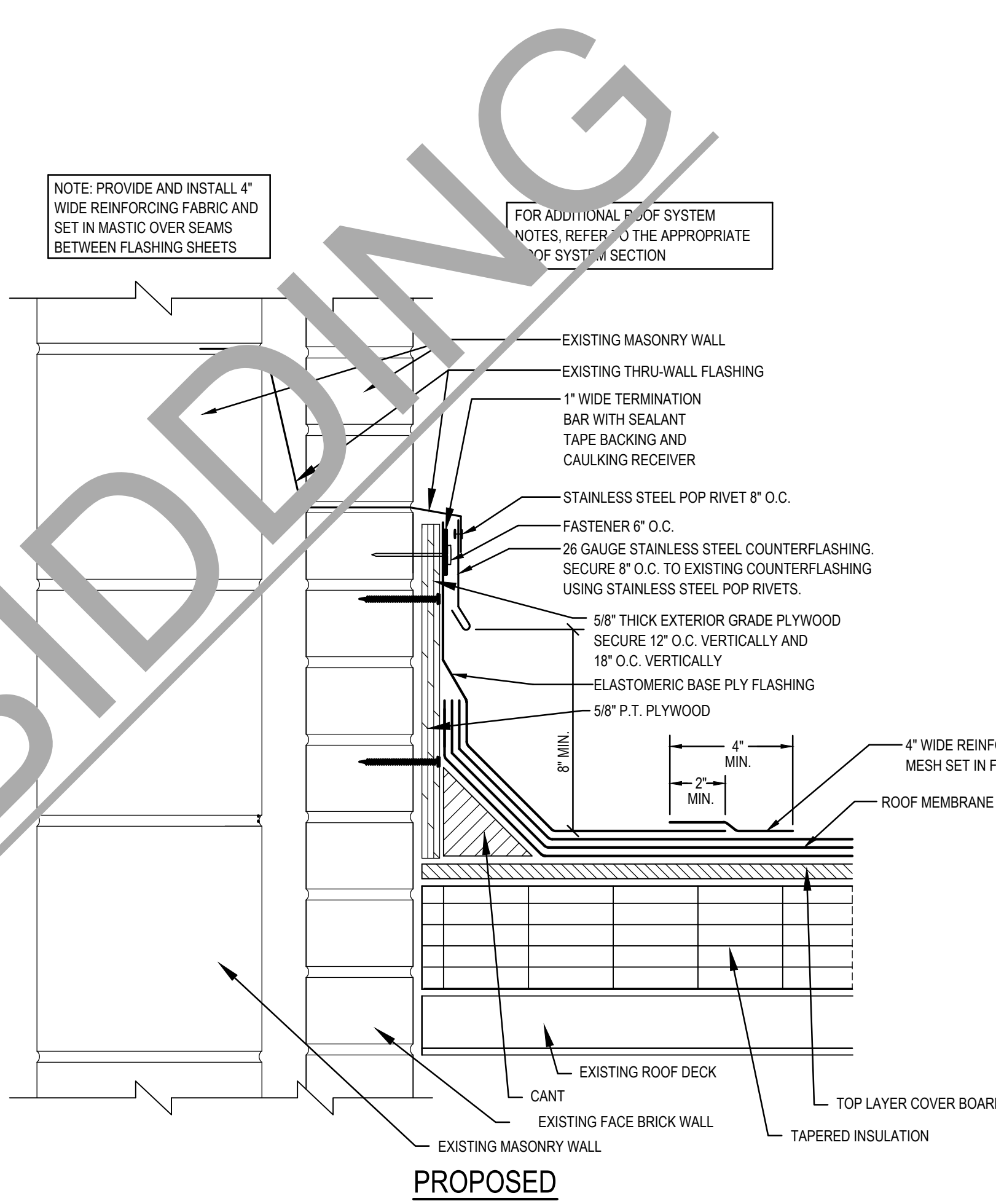


## DEMOLITION



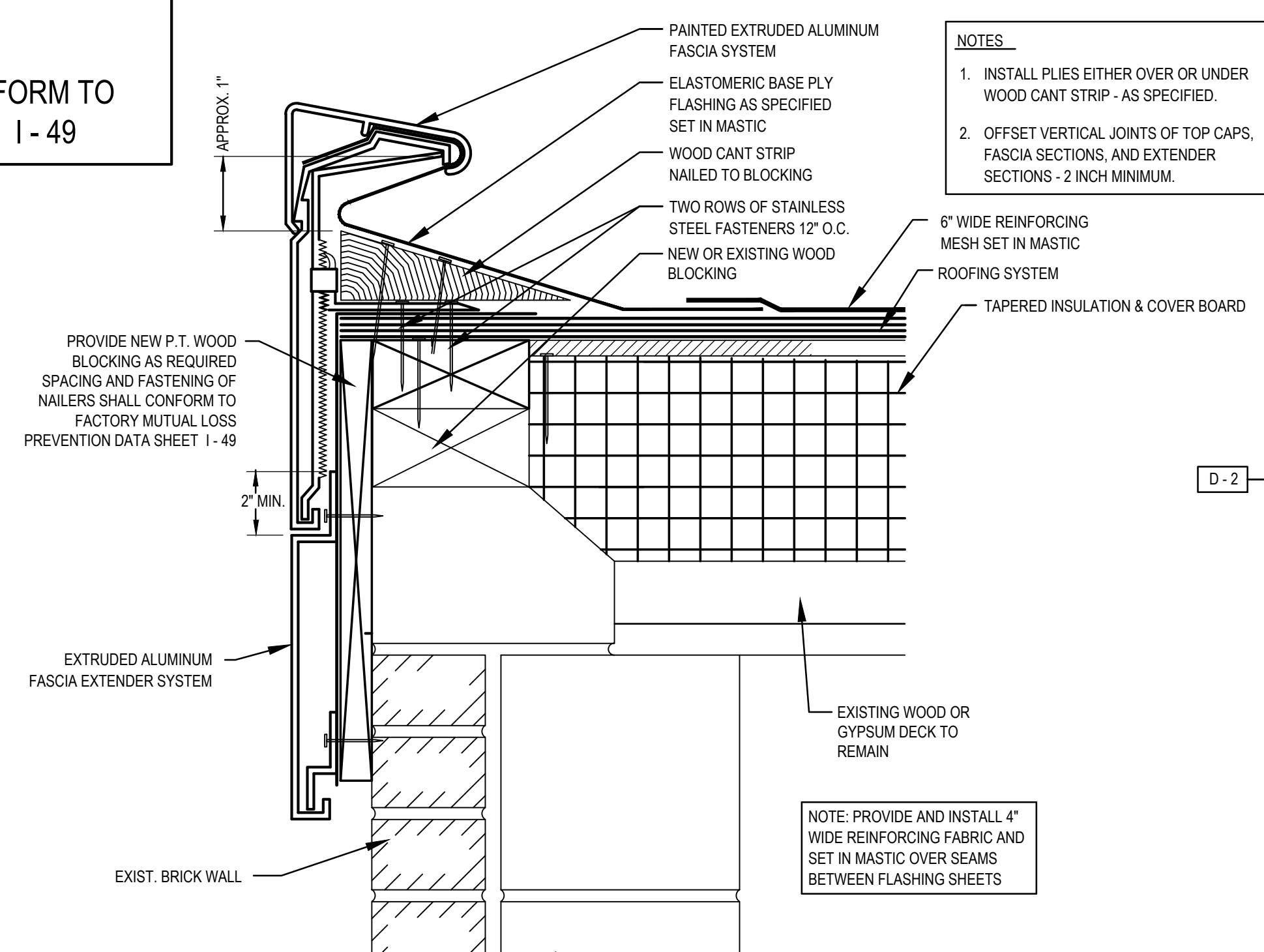
## ROOF SYSTEM SECTION

ROOF AREAS "A", "B", "D", "E", "F", "P", "N"



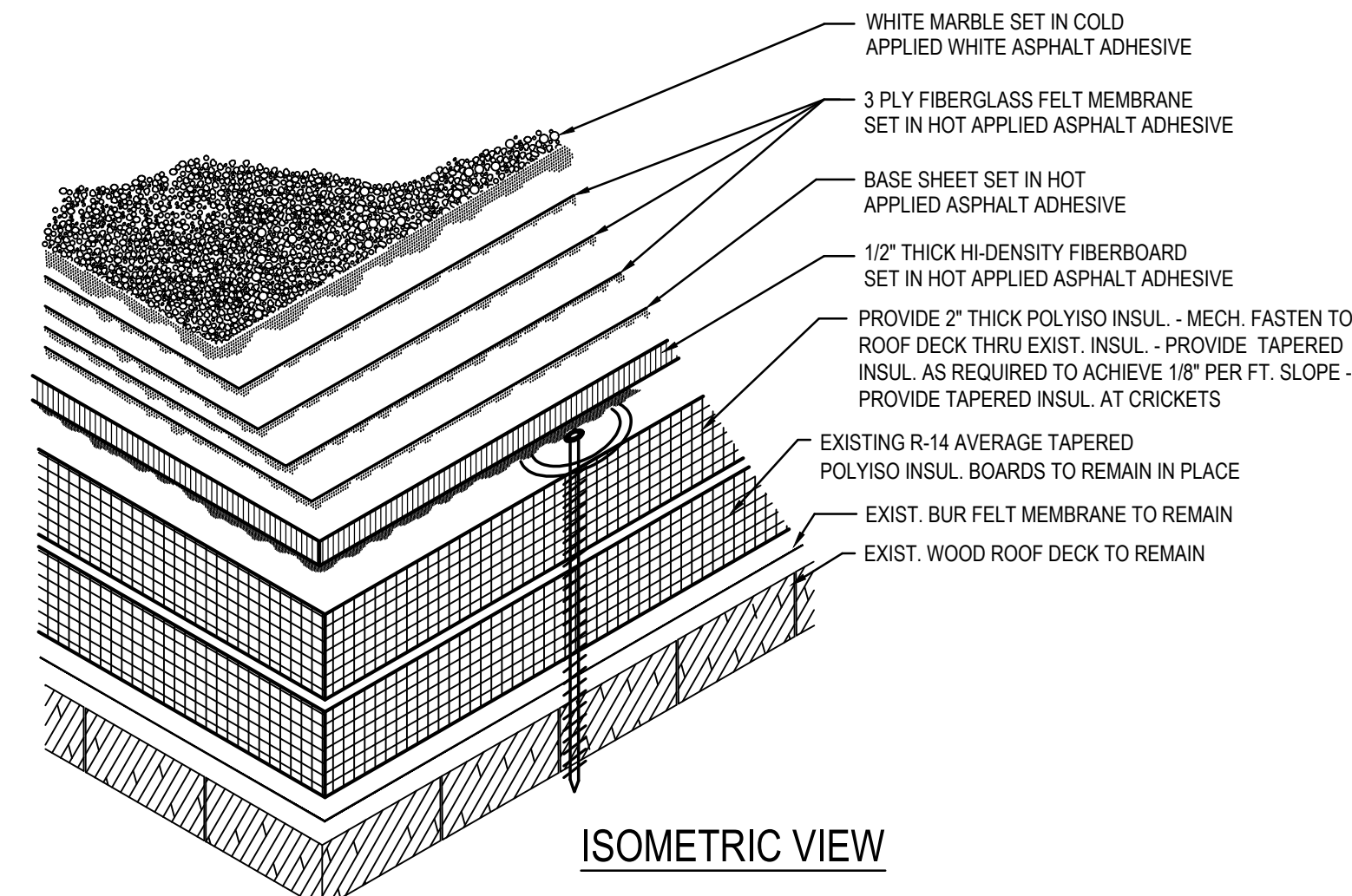
### 3 BASE FLASHING DETAIL

4.2 SCALE: 3" = 1'-0"



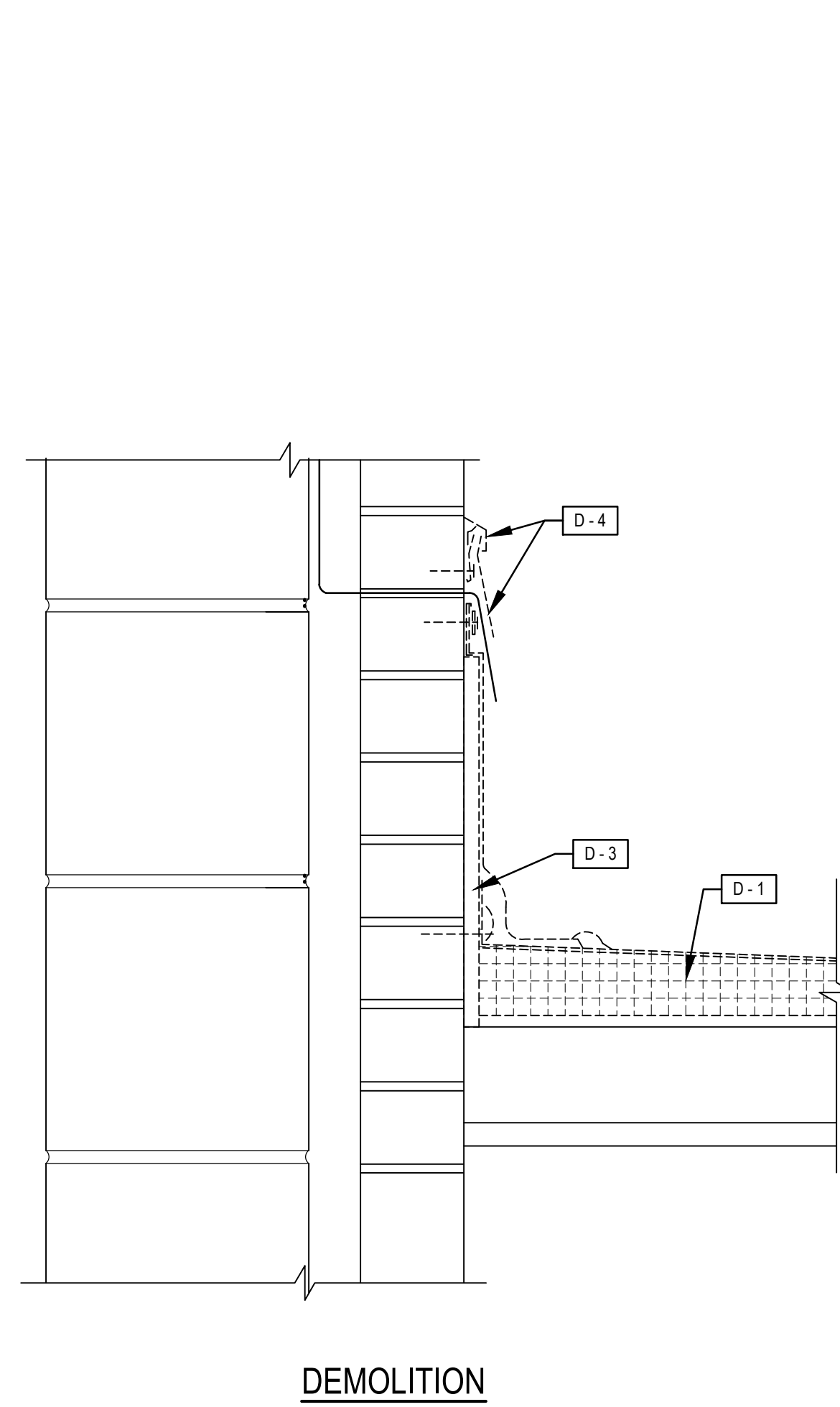
## 1 ROOF EDGE DETAIL

SCALE: 3" = 1'-0"

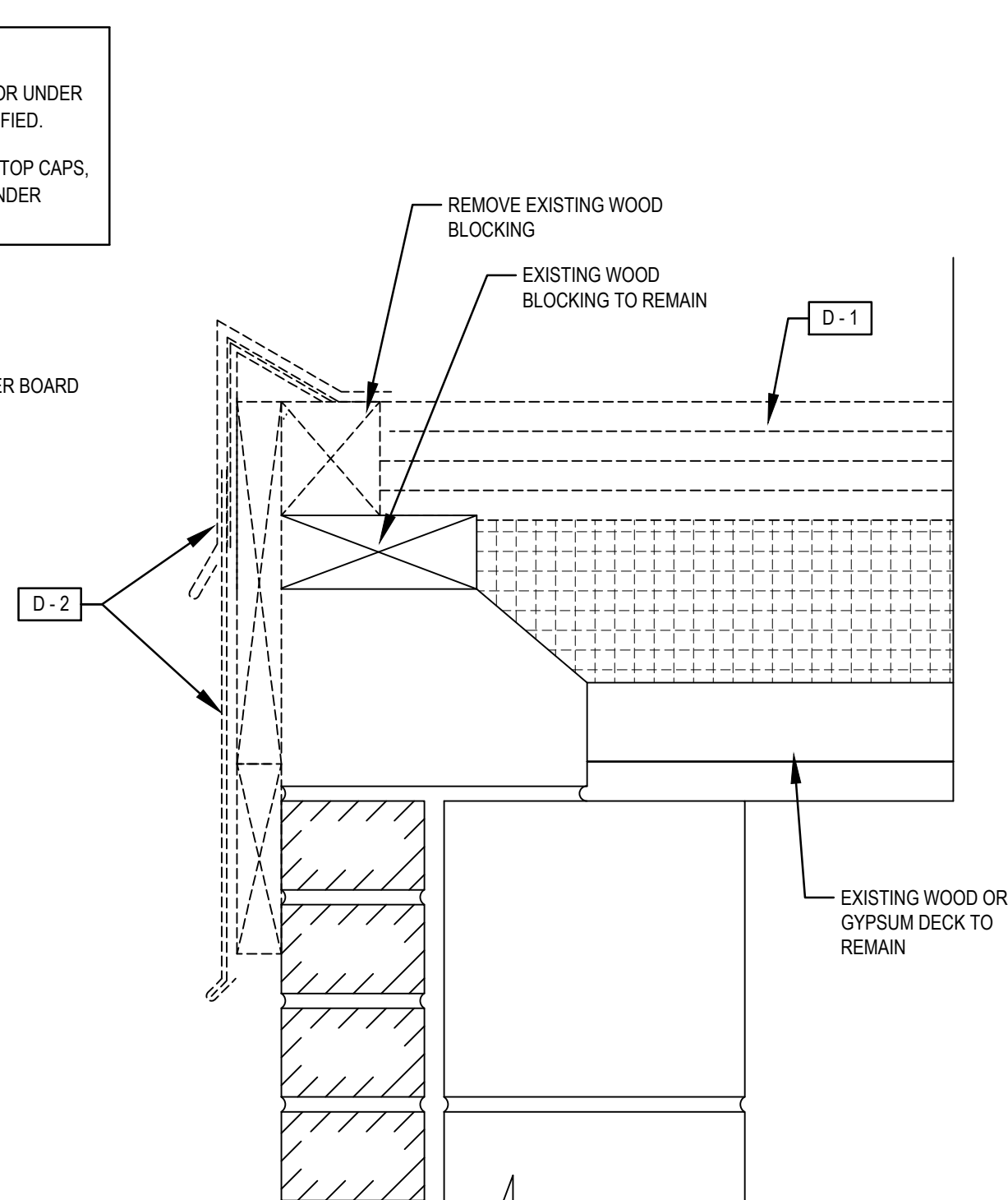


## ROOF SYSTEM SECTION

ROOF AREAS "G", "H", "J", "K", "D", "M", "Q"



DEMOLITION



## DEMOLITION

This drawing is the property of StudioJAED and is prepared for the exclusive use of its clients at the location indicated. No other use is authorized or intended.

**STUDIO JAED**  
ARCHITECTS ■ ENGINEERS ■ FACILITIES SOLUTIONS

Website: [www.StudioJAED.com](http://www.StudioJAED.com)  
E-Mail: [info@StudioJAED.com](mailto:info@StudioJAED.com)

Website:  
[www.Studocu.com](http://www.Studocu.com)

2500 WRANGLE HILL ROAD, STE. 110  
BEAR, DE 19701  
P: (302) 832-1652 F: (302) 832-1423

P: (302) 83-

| REVISIONS   |      |
|-------------|------|
| DESCRIPTION | DATE |

SEAFORD SCHOOL DISTRICT  
ROOF REPLACEMENT

WEST SEAFORD ELEMENTARY SCHOOL

511 SUSSEX AVENUE  
SEAFORD, DELAWARE 19973

PROJECT  
SHEET TITLE

## ROOF DETAILS

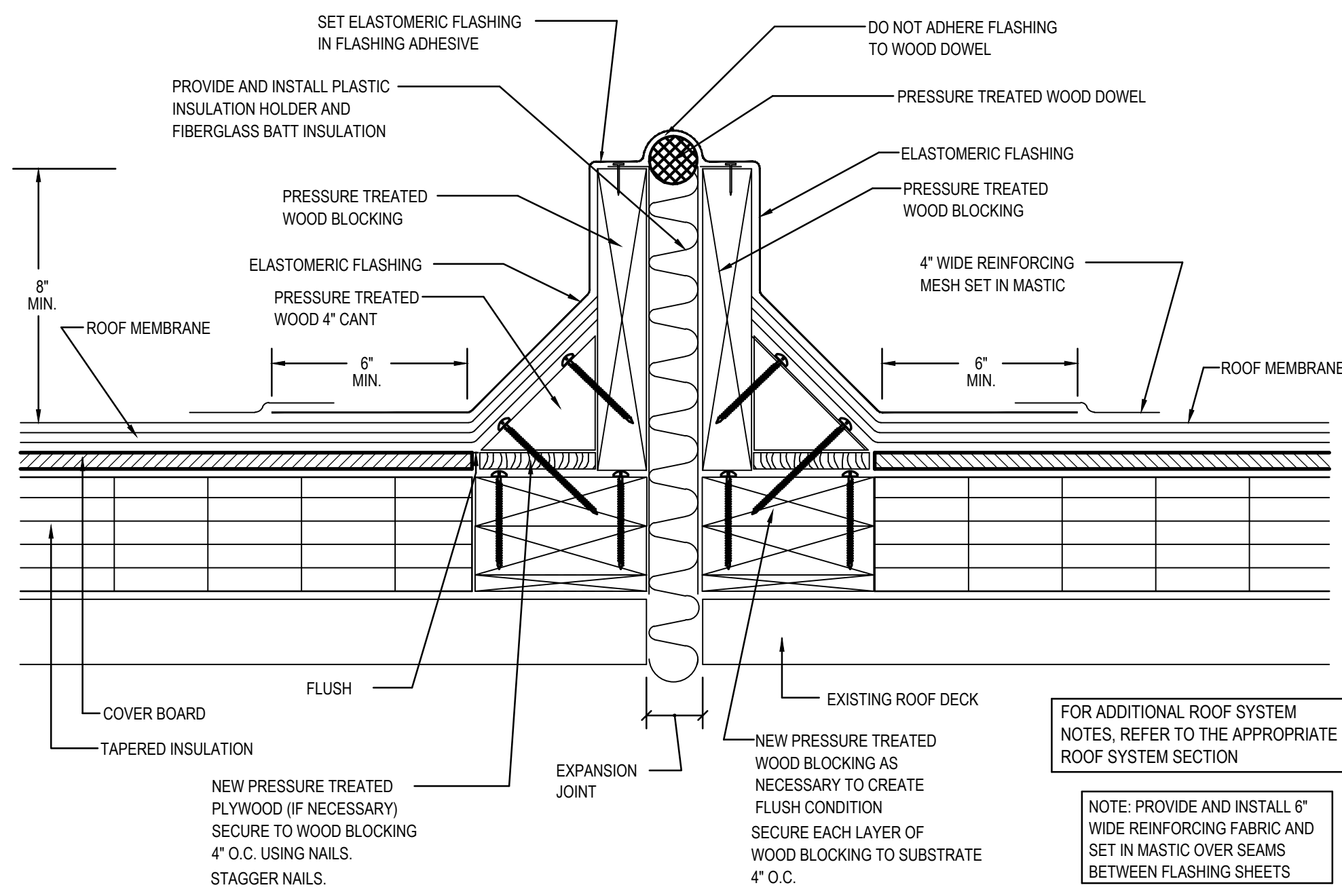
BID  
DOCUMENTS  
FEBRUARY 10, 2012

|       |                |
|-------|----------------|
| DRAWN | CHK'D/DESIGNER |
|-------|----------------|

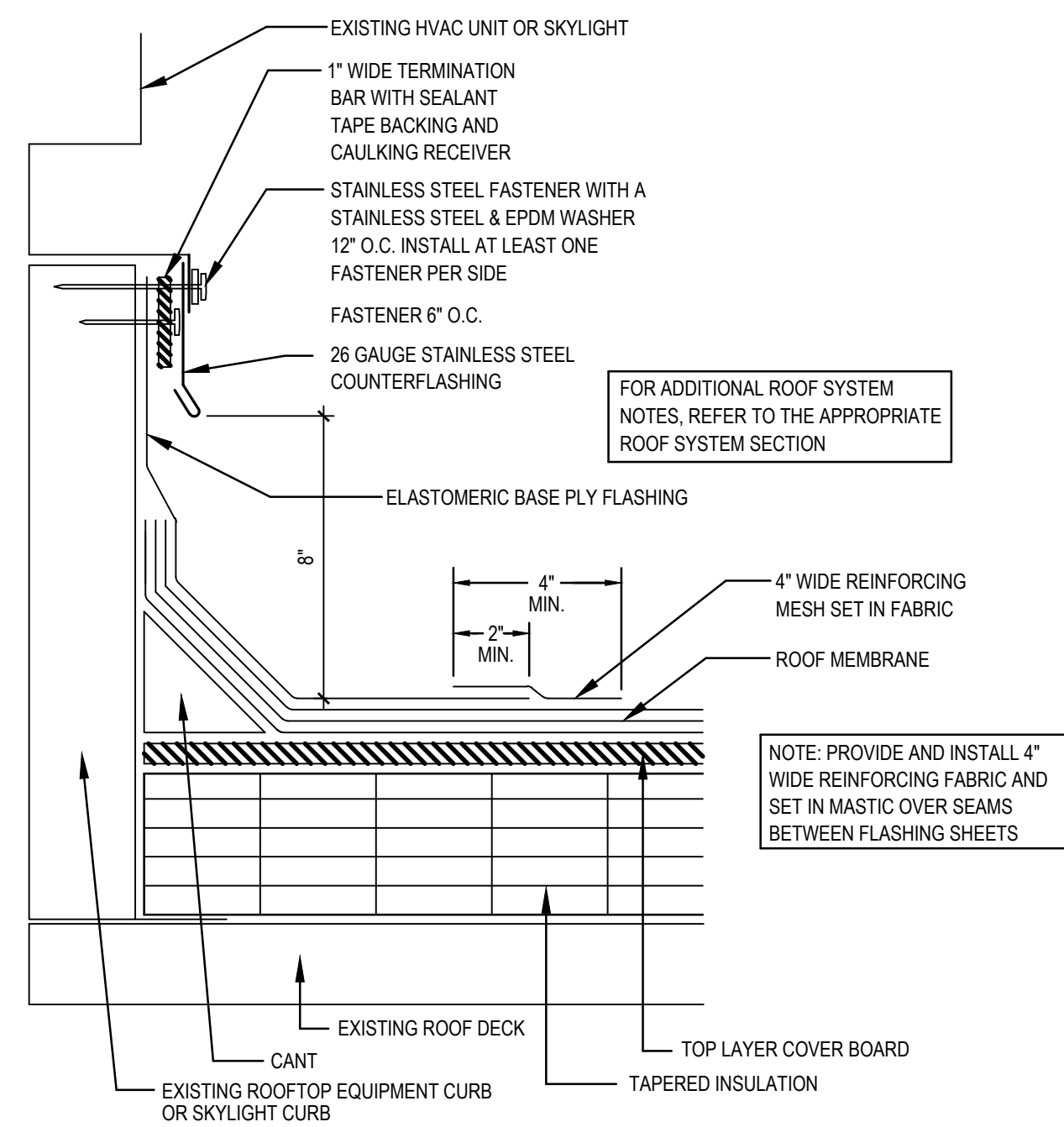
© 2002 by Blackwell Science Ltd  
Journal of Internal Medicine 252: 39–47

DISCIPLINE SHEET NO.

PROJECT NO. 4.2

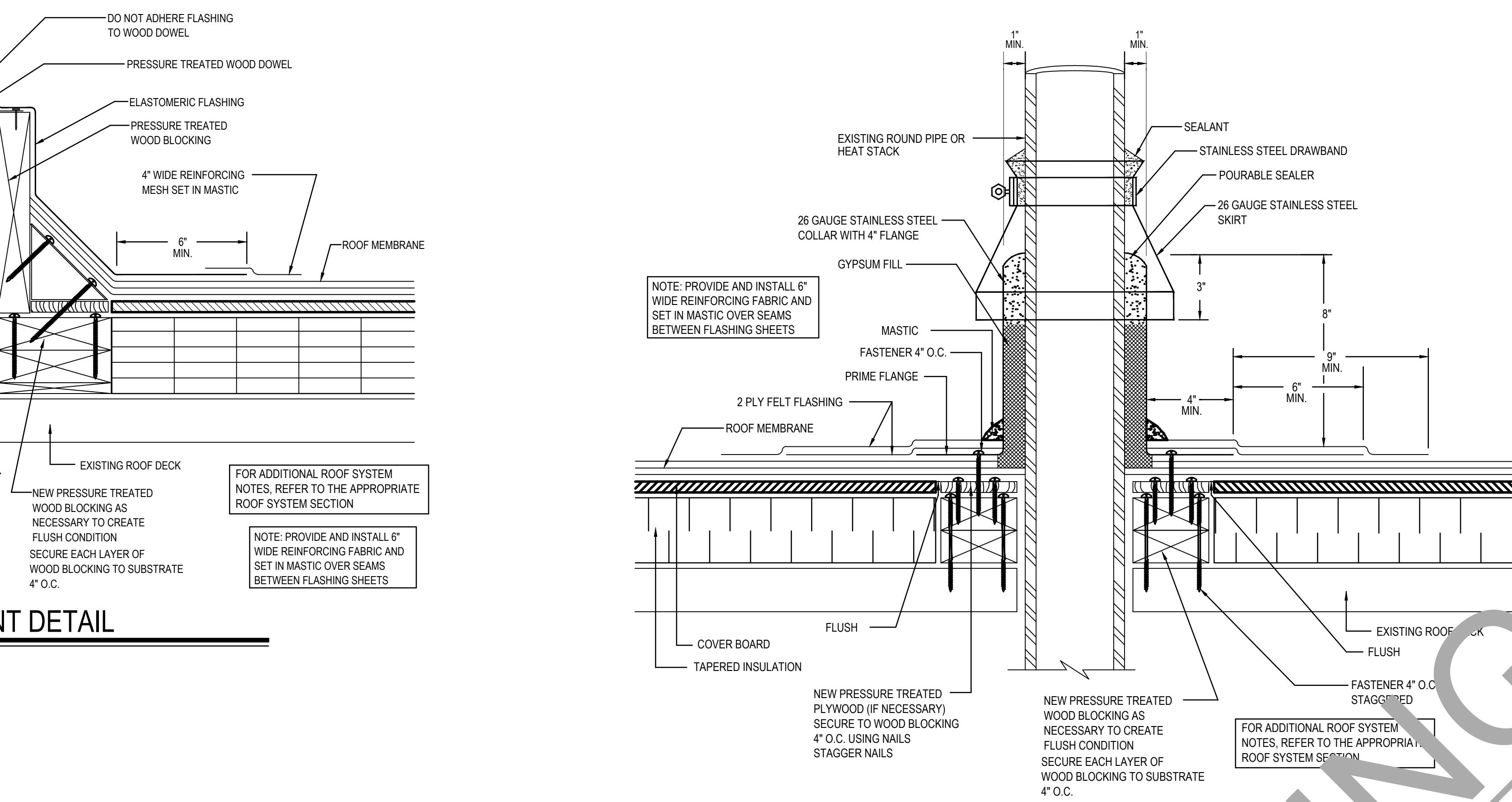


## EXPANSION JOINT DETAIL



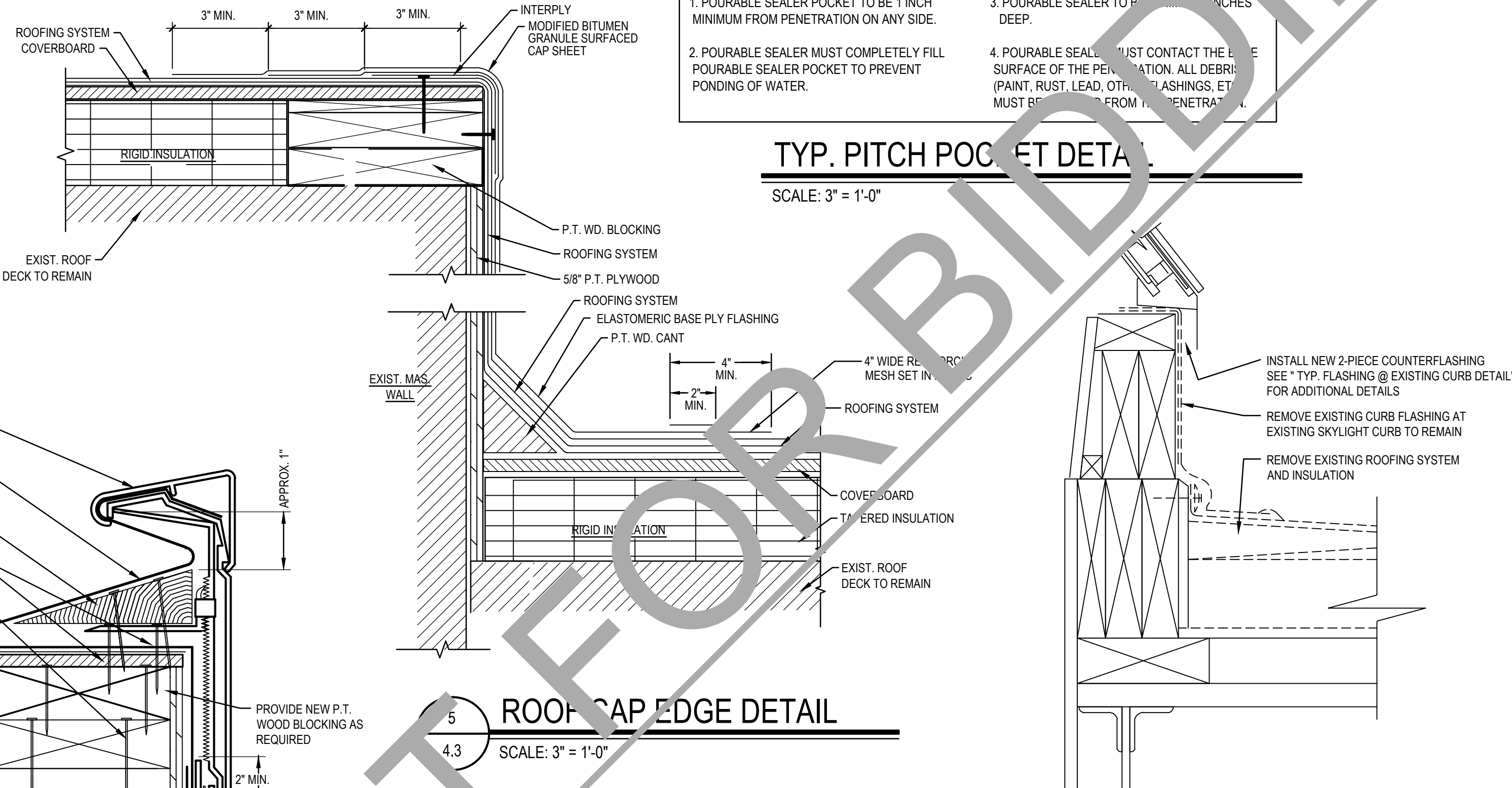
**TYP. FLASHING @ EXISTING CURB DETAIL**

SCALE: 3" = 1'-0"

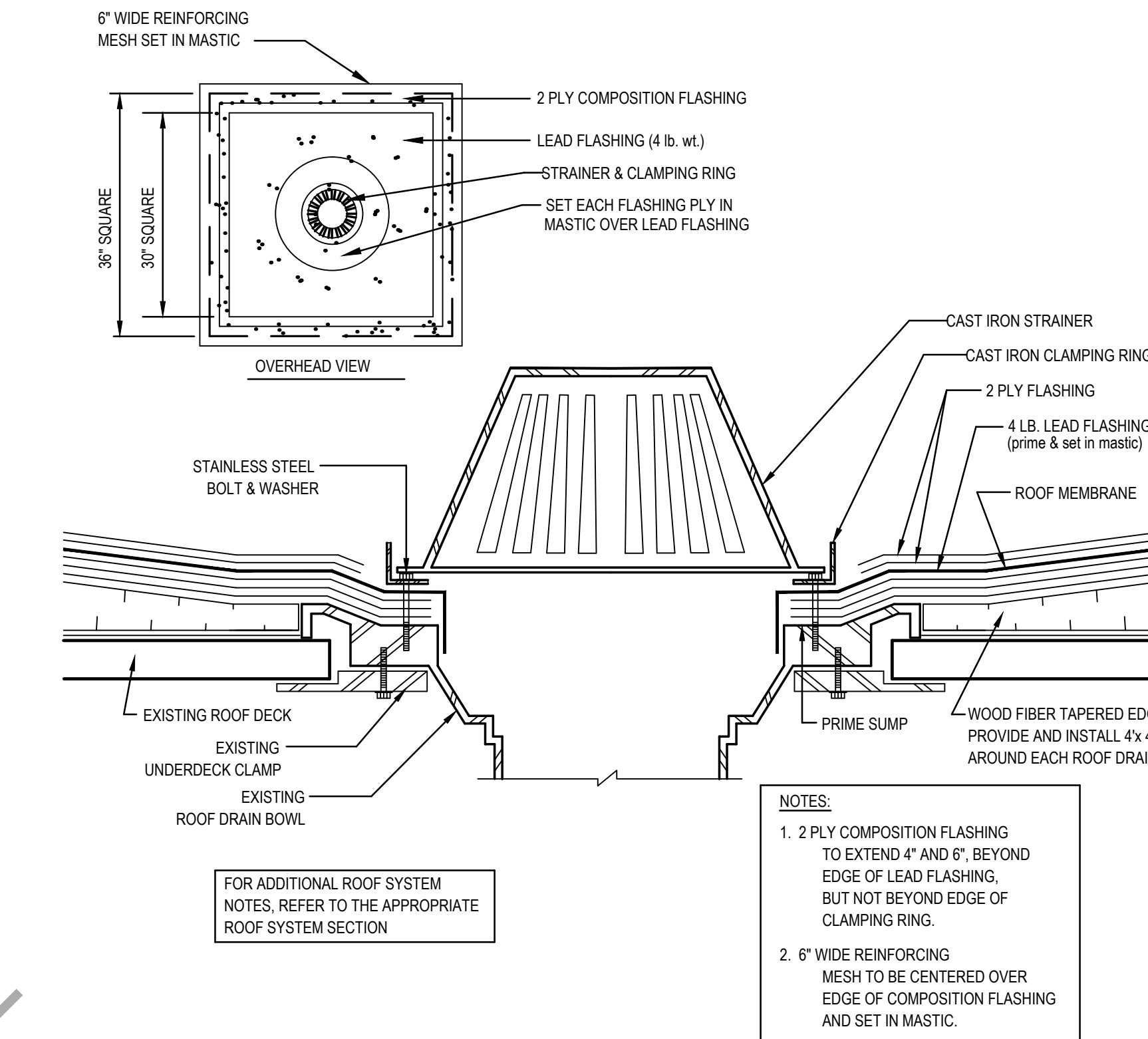


TYP. PITCH POCKET DETAIL

SCALE: 3" = 1'-0"



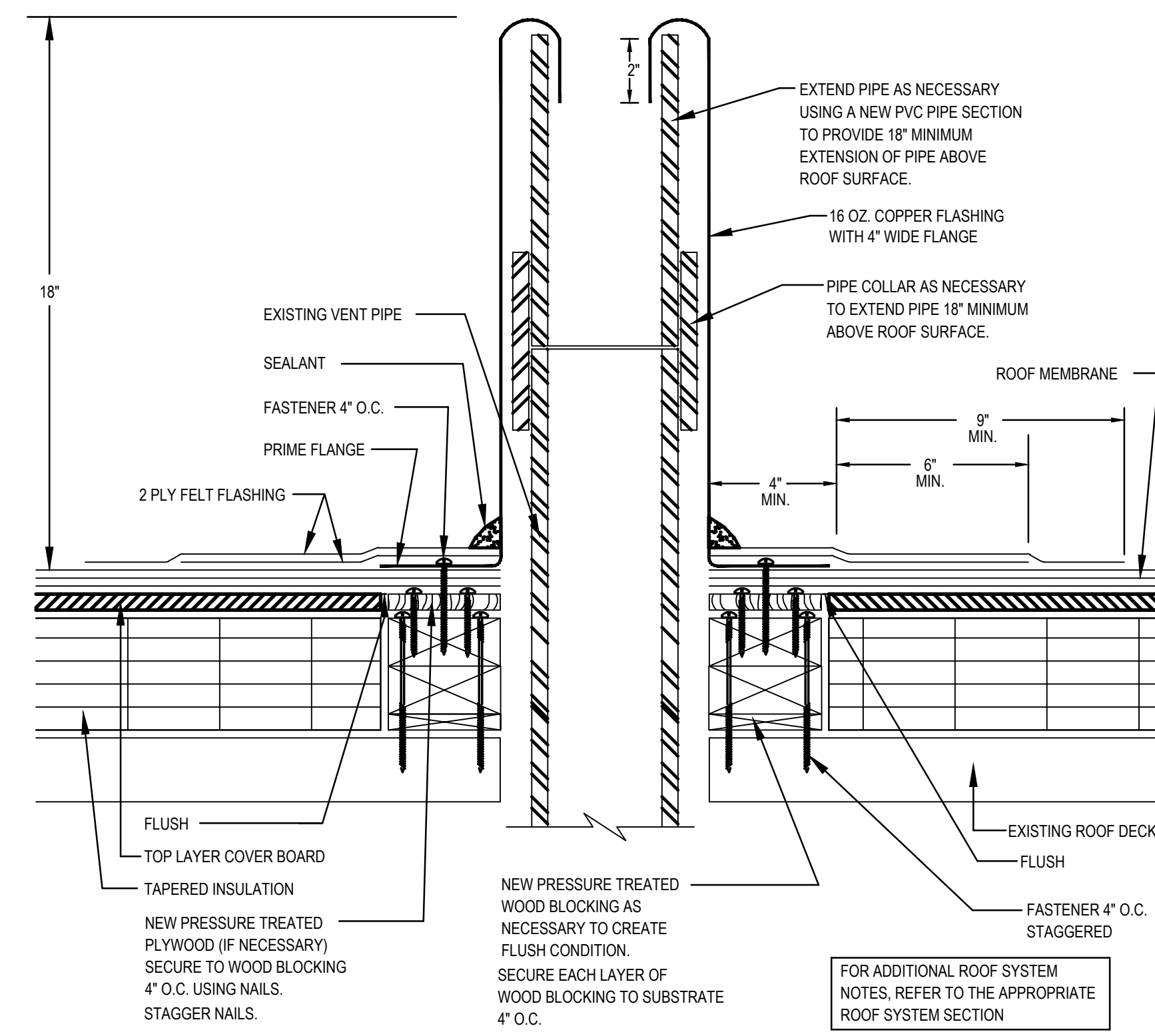
4 TYPICAL SKYLIGHT DETAIL  
4.3 SCALE: 3" = 1'-0"



TYP. ROOF DRAIN DETAIL

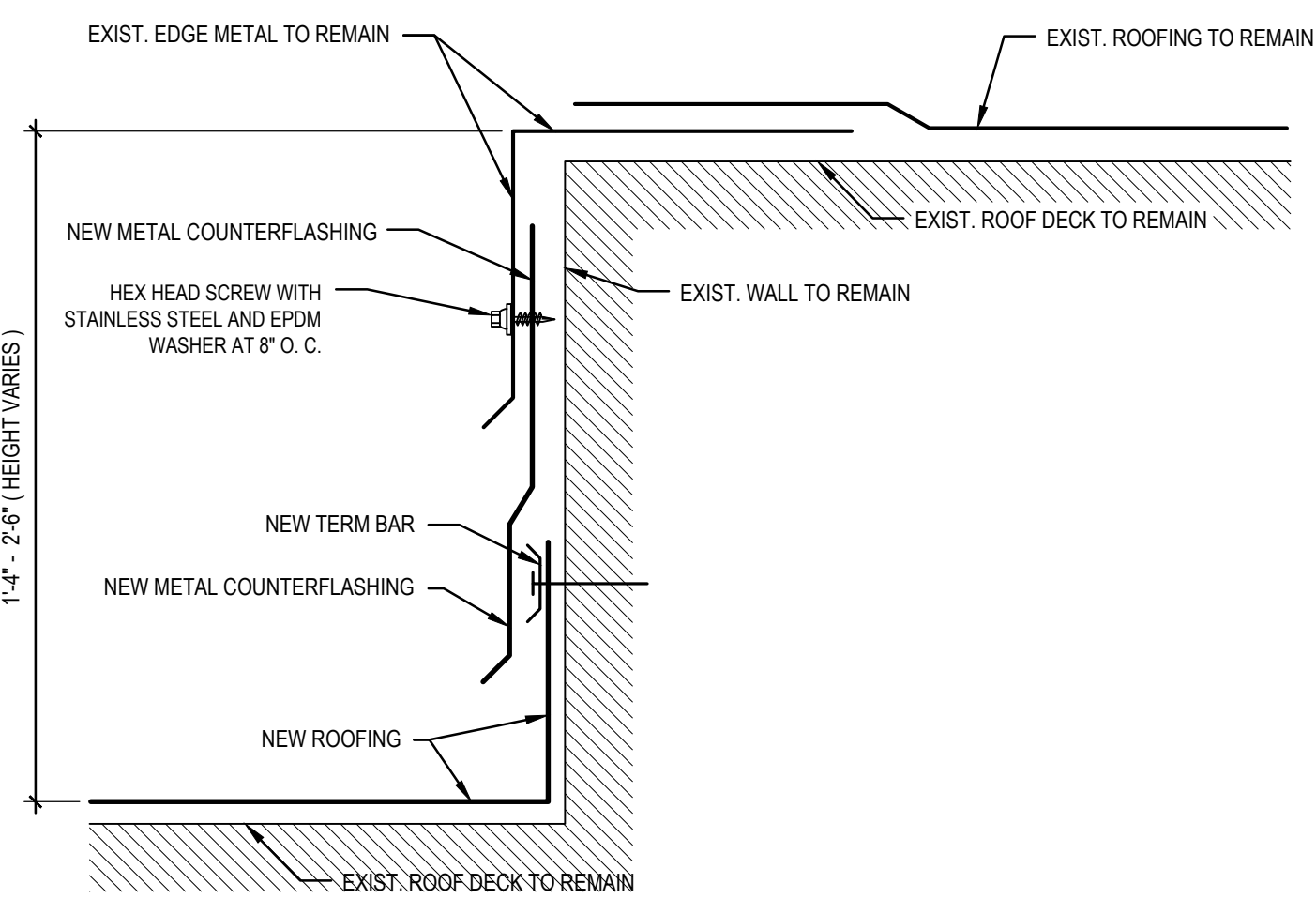
---

SCALE: 3" = 1'-0"

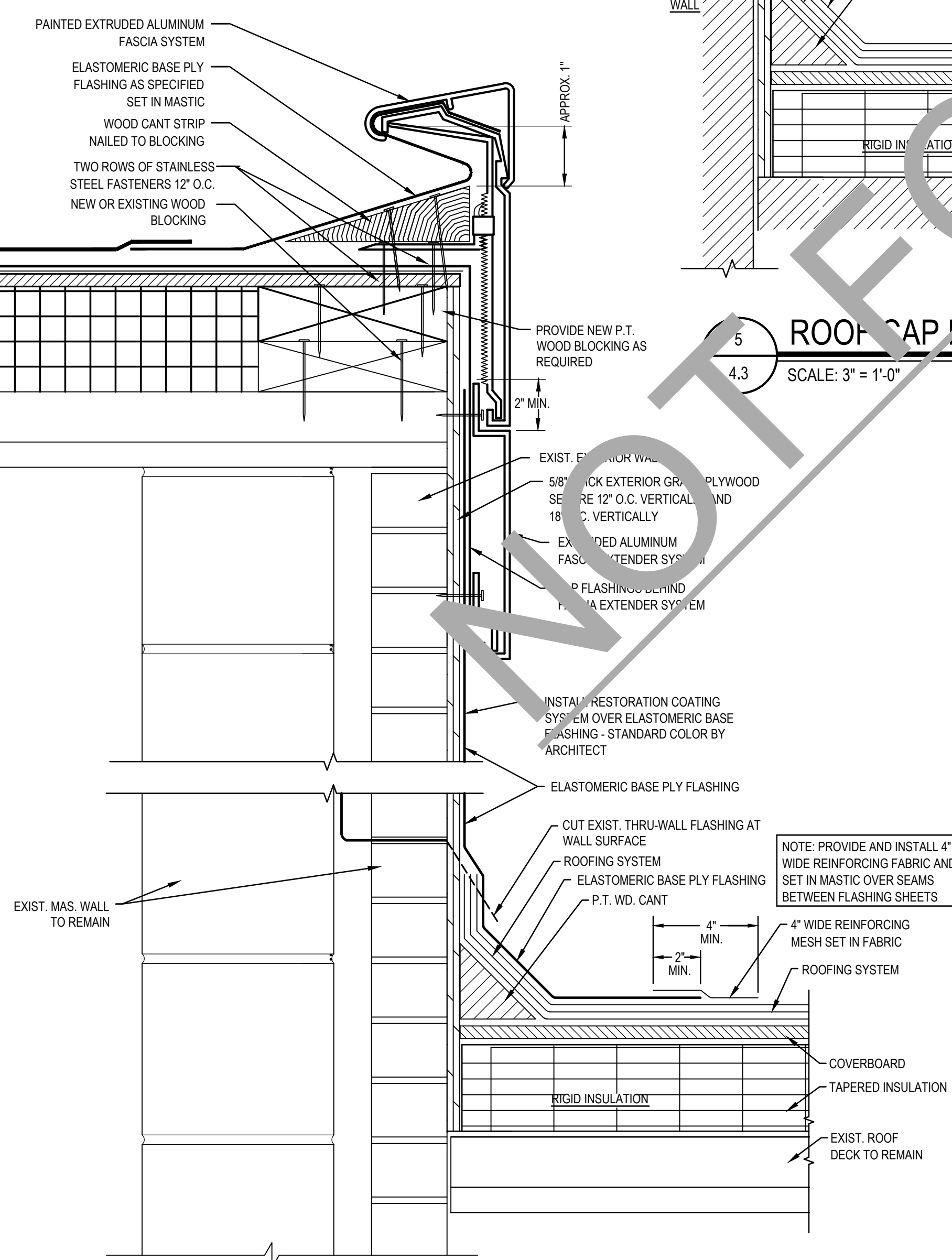


### TYP. BUILT-UP ROOFING VENT PIPE DETAIL

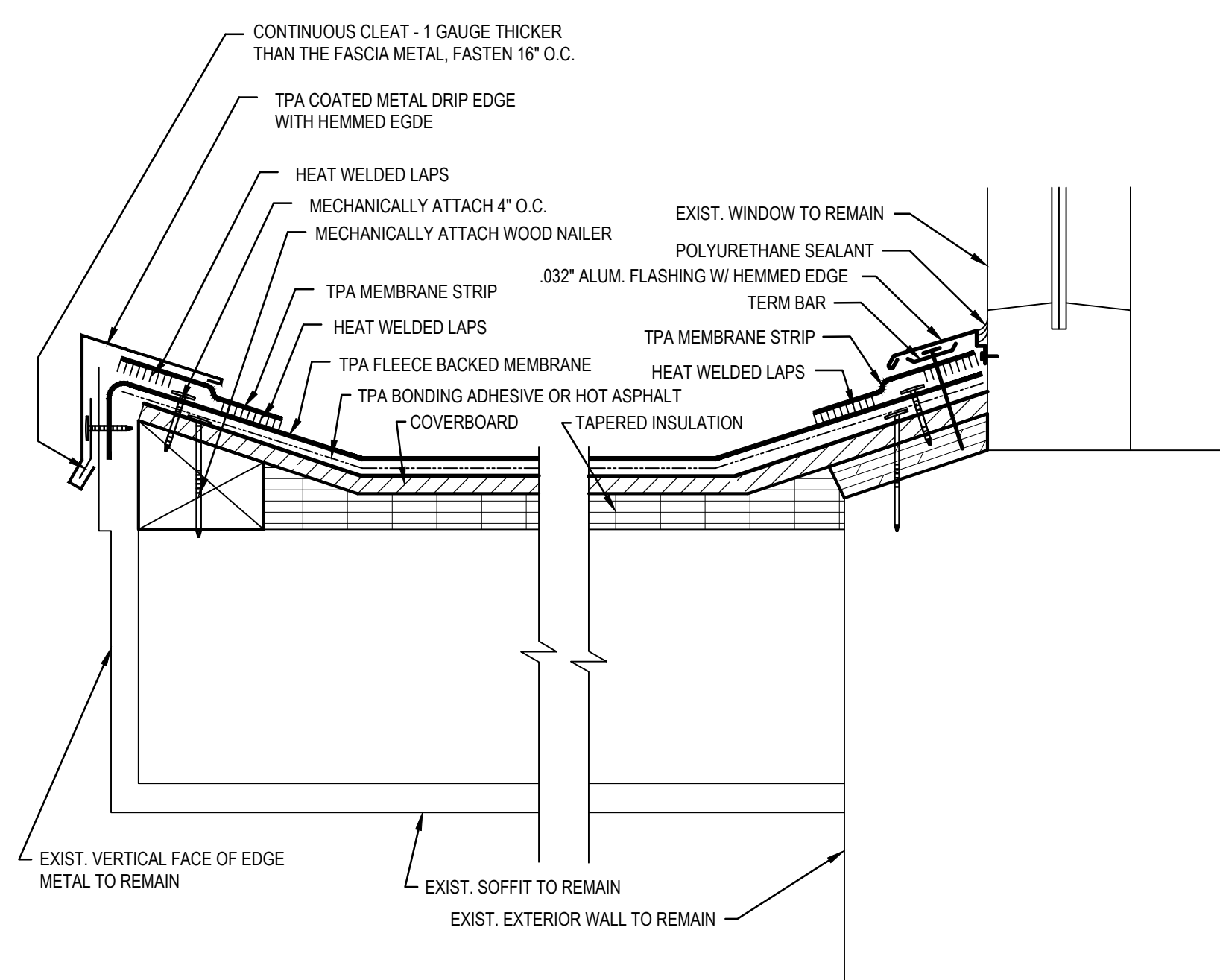
SCALE: 3" = 1'-0"



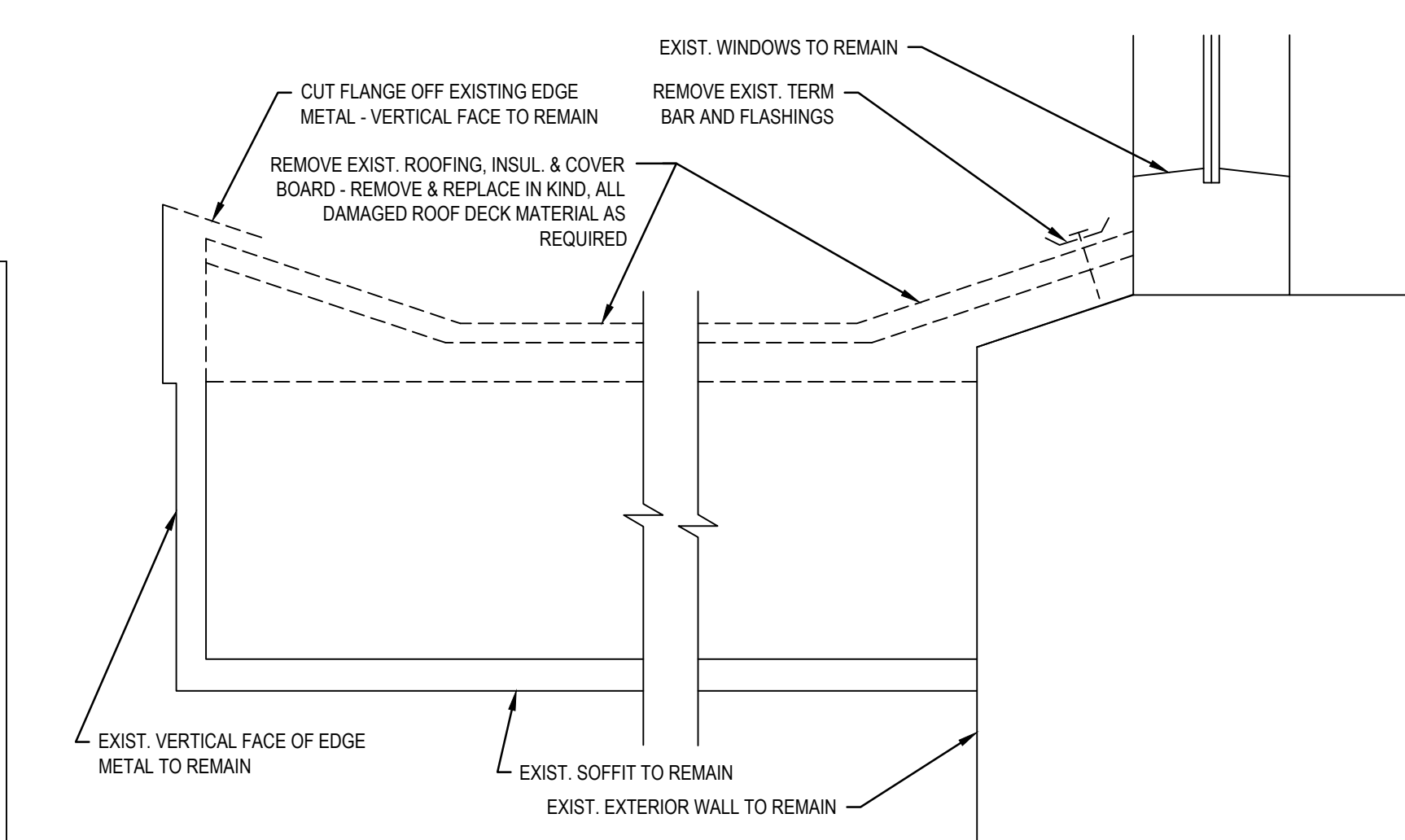
3 COUNTERFLASHING DETAIL  
4.3 SCALE: 3" = 1'-0"



2 BASE FLASHING DETAIL  
4.3 SCALE: 3" = 1'-0"



1 CANOPY ROOF SECTIONS  
4.3 SCALE: 3" = 1'-0"



DEMOLITION

This drawing is the property of StudioJAED and is prepared for the exclusive use of its clients at the location indicated. No other use is authorized or intended.

**STUDIO JAED**  
ARCHITECTS ■ ENGINEERS ■ FACILITIES SOLUTIONS

E-Mail: [info@StudioJAED.com](mailto:info@StudioJAED.com)

Website:  
[www.Studio.com](http://www.Studio.com)

| REVISIONS     |      |
|---------------|------|
| △ DESCRIPTION | DATE |

SEAFOORD SCHOOL DISTRICT  
ROOF REPLACEMENT

WEST SEAFORD ELEMENTARY SCHOOL

511 SUSSEX AVENUE

SEAFORD, DELAWARE 19973

PROJECT  
SHEET TITLE

## ROOF DETAILS

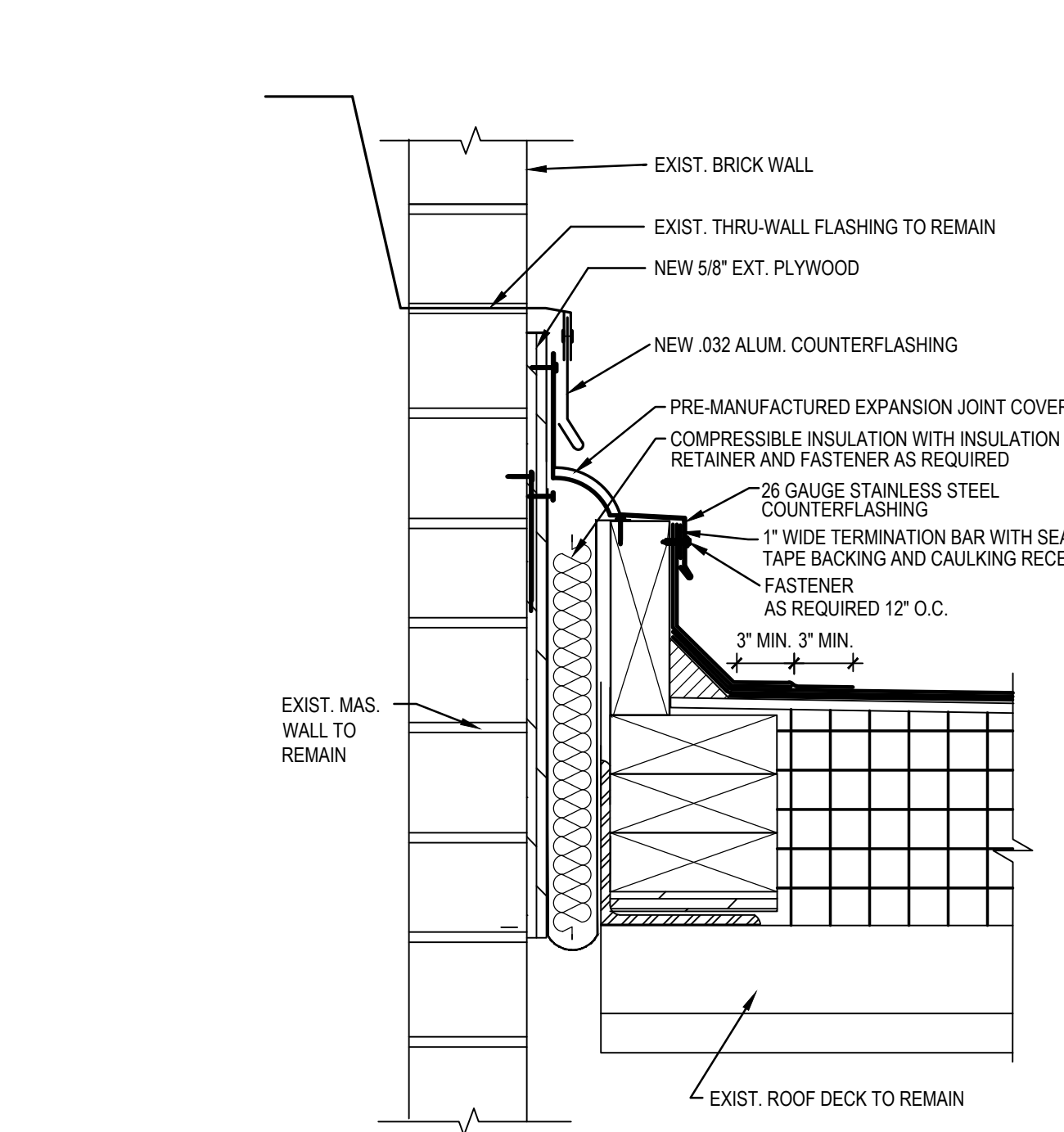
**BID  
DOCUMENTS**  
FEBRUARY 10, 2012

|       |                  |
|-------|------------------|
| DRAWN | CHK'D/D/DESIGNER |
| -     | -                |

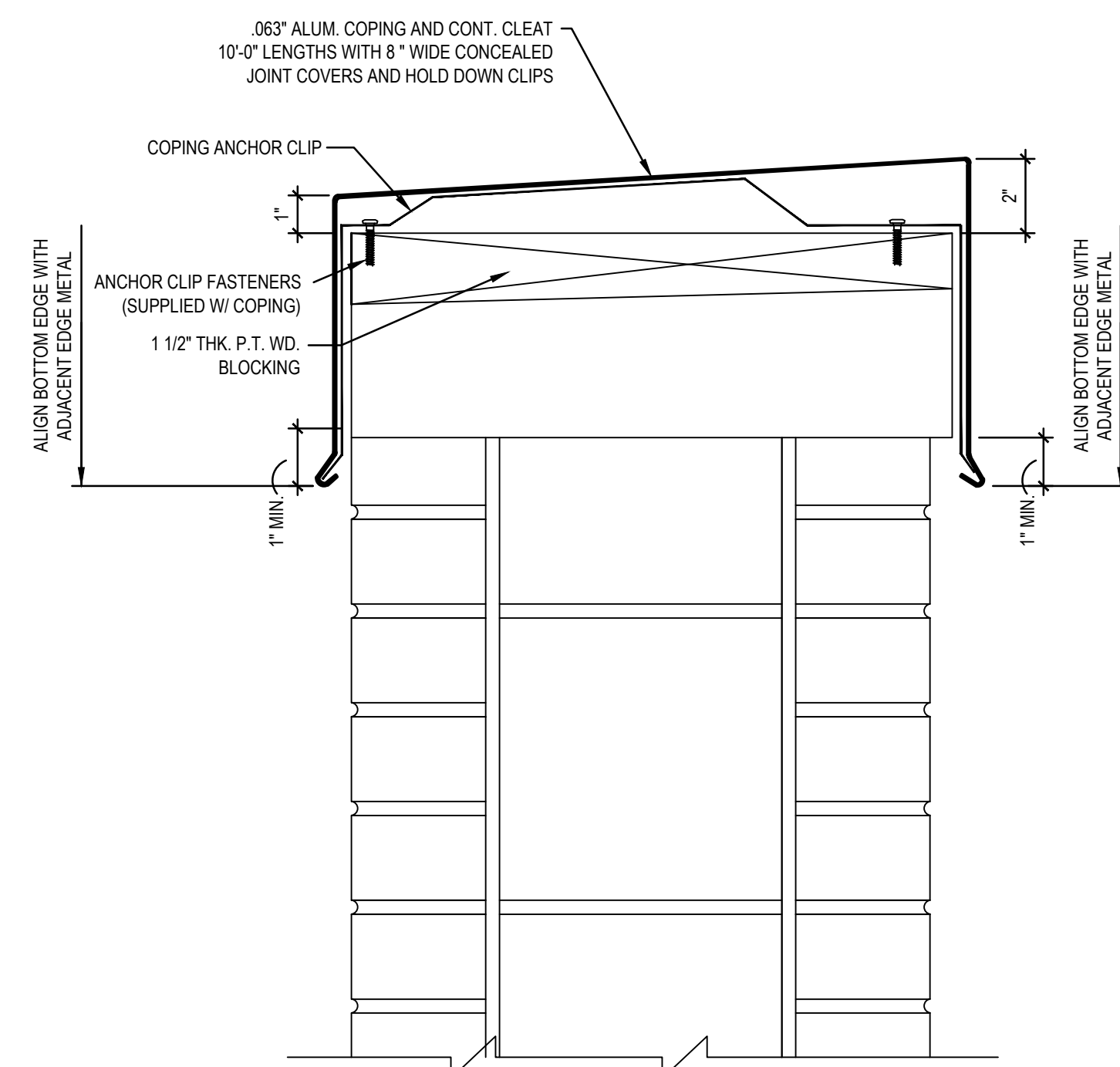
|            |           |
|------------|-----------|
| DISCIPLINE | SHEET NO. |
| A          | 10        |

PROJECT NO. 4.3  
10020

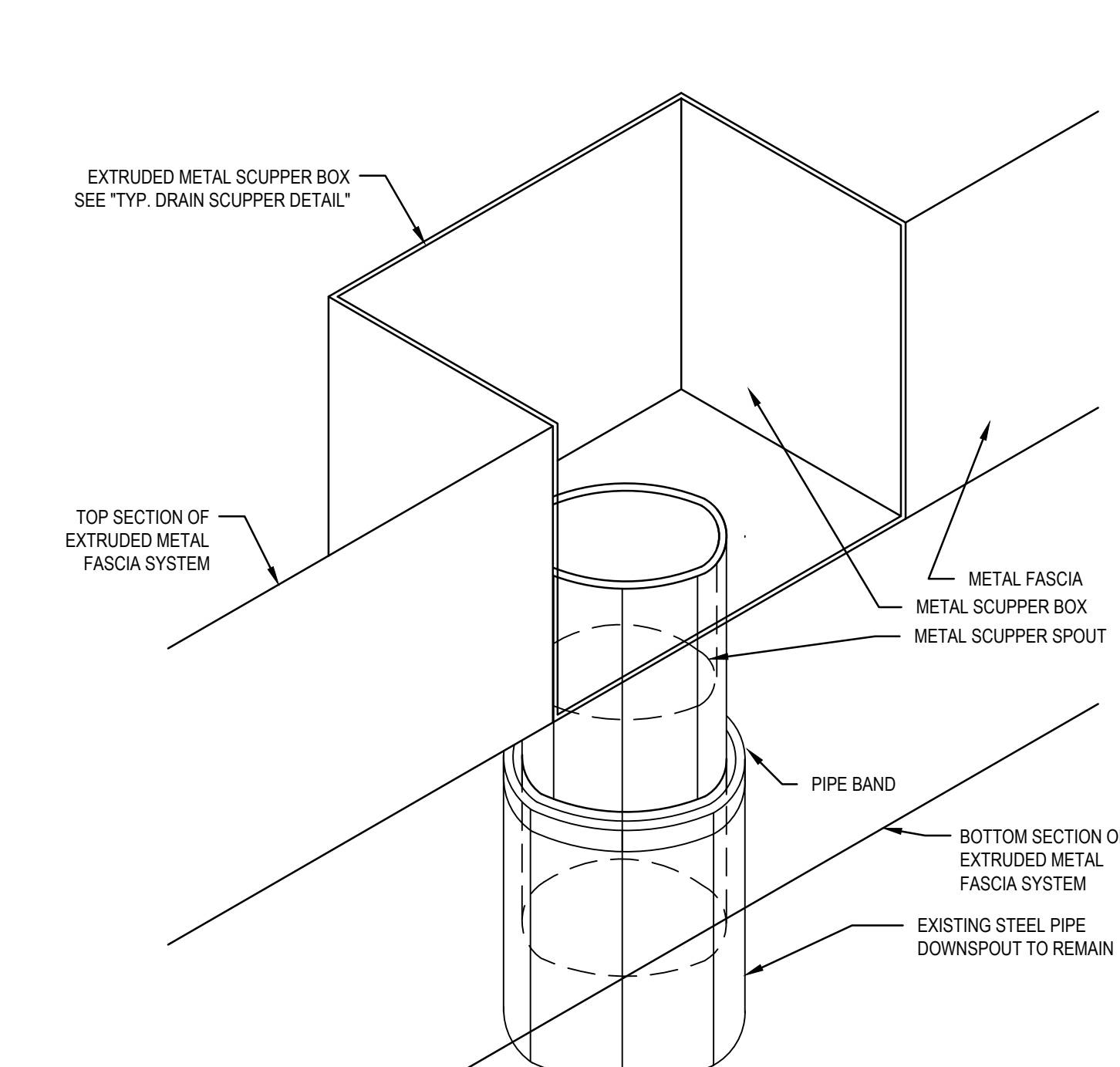
THESE DRAWINGS ARE THE PROPERTY OF STUDIOJAED AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF STUDIOJAED. THESE DRAWINGS ARE THE PROPERTY OF STUDIOJAED AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF STUDIOJAED.



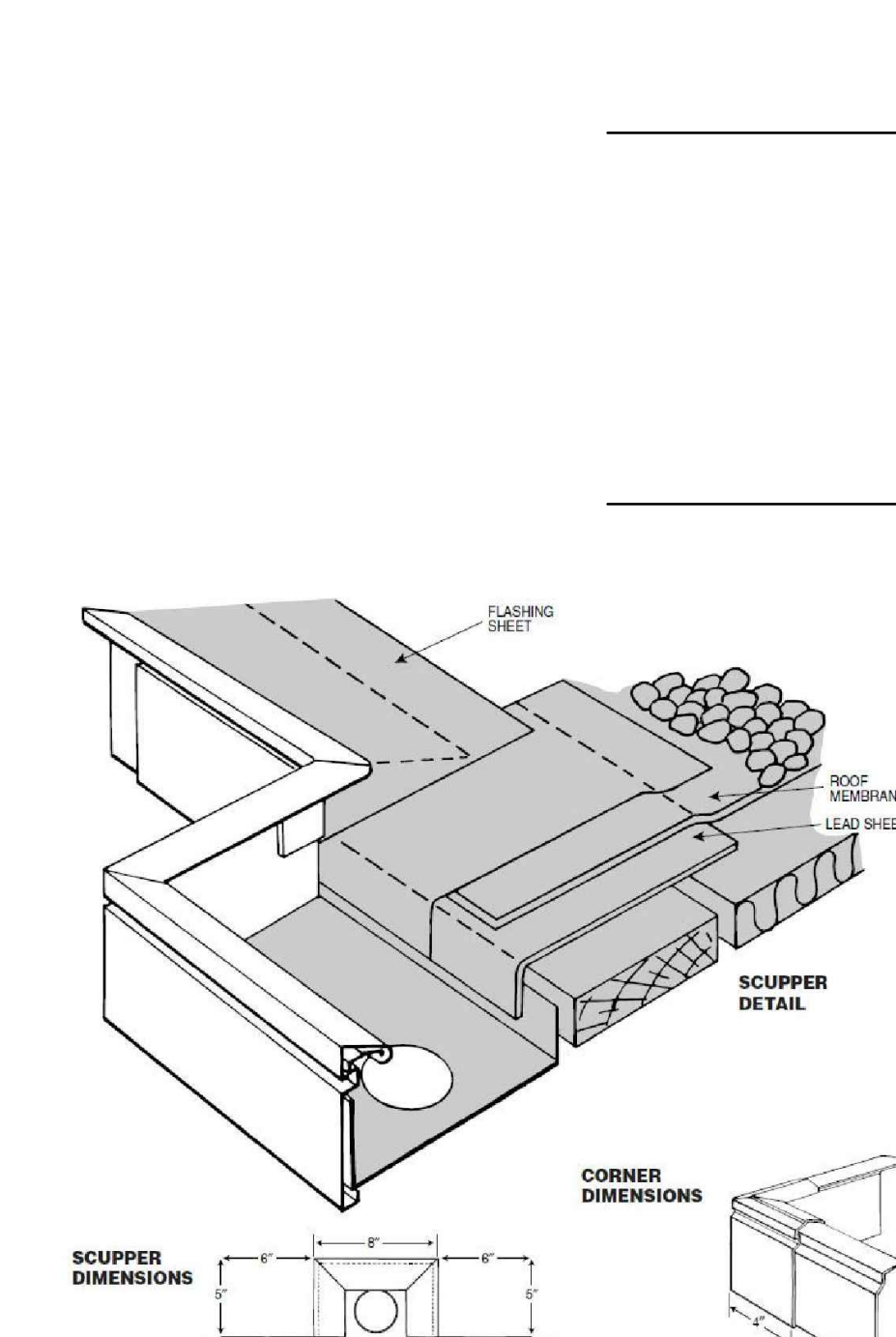
5 EXPANSION JOINT DETAIL  
4.4 SCALE: 3" = 1'-0"



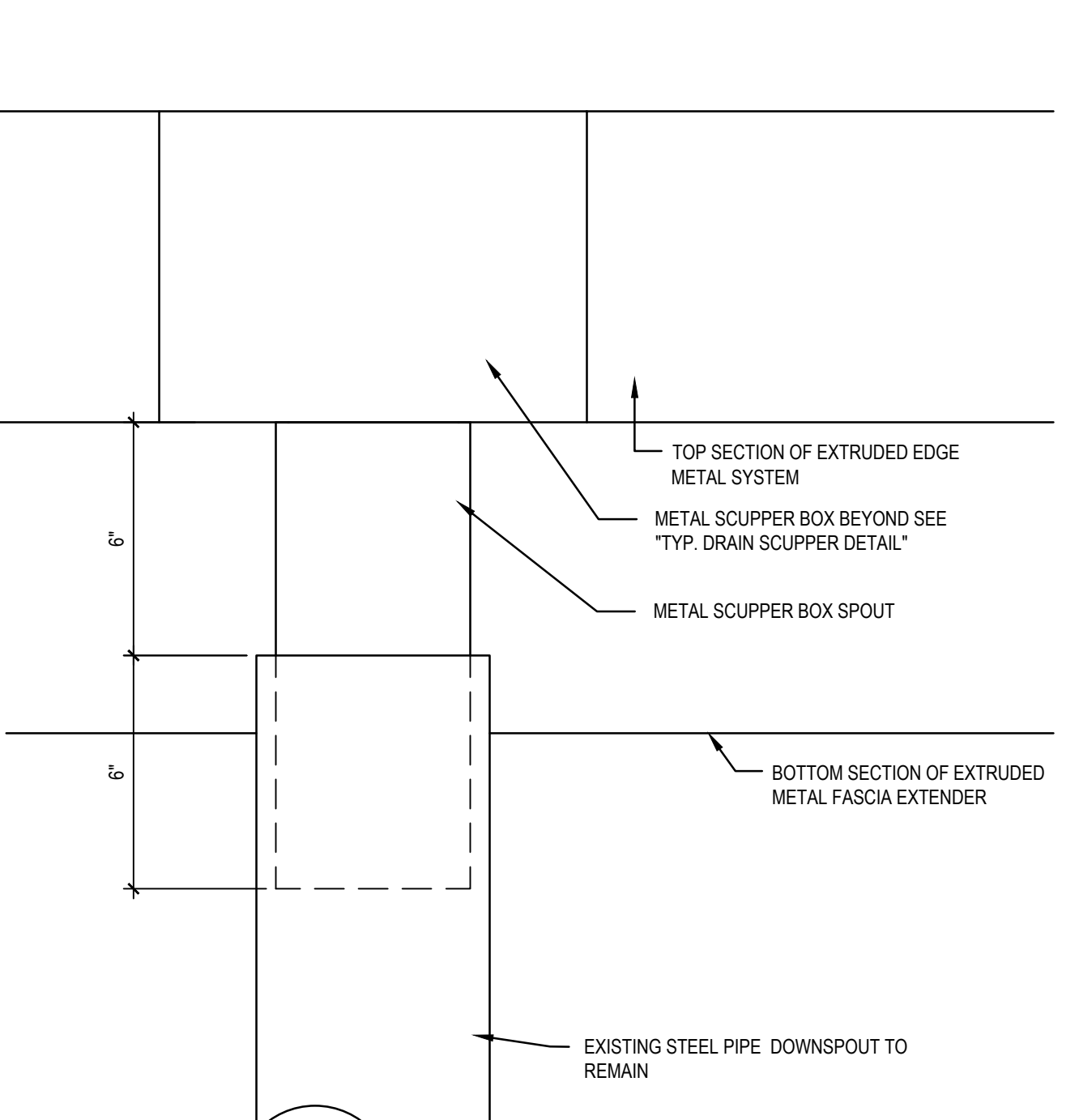
4 WALL COPING DETAIL  
4.4 SCALE: 3" = 1'-0"



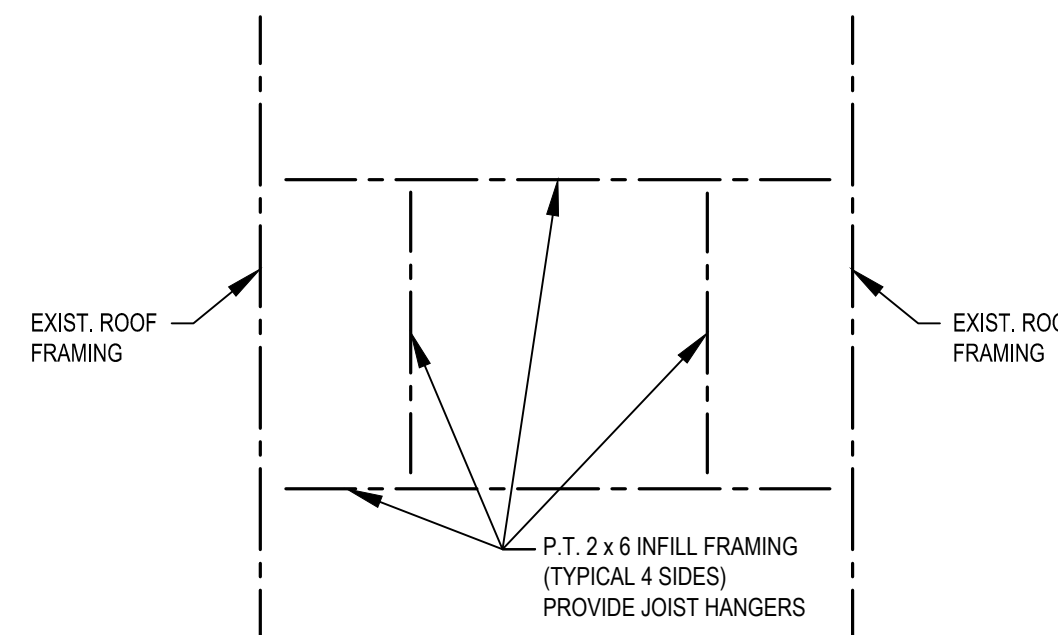
TYP. SCUPPER REPLACEMENT CONDITION  
SCALE: 3" = 1'-0"



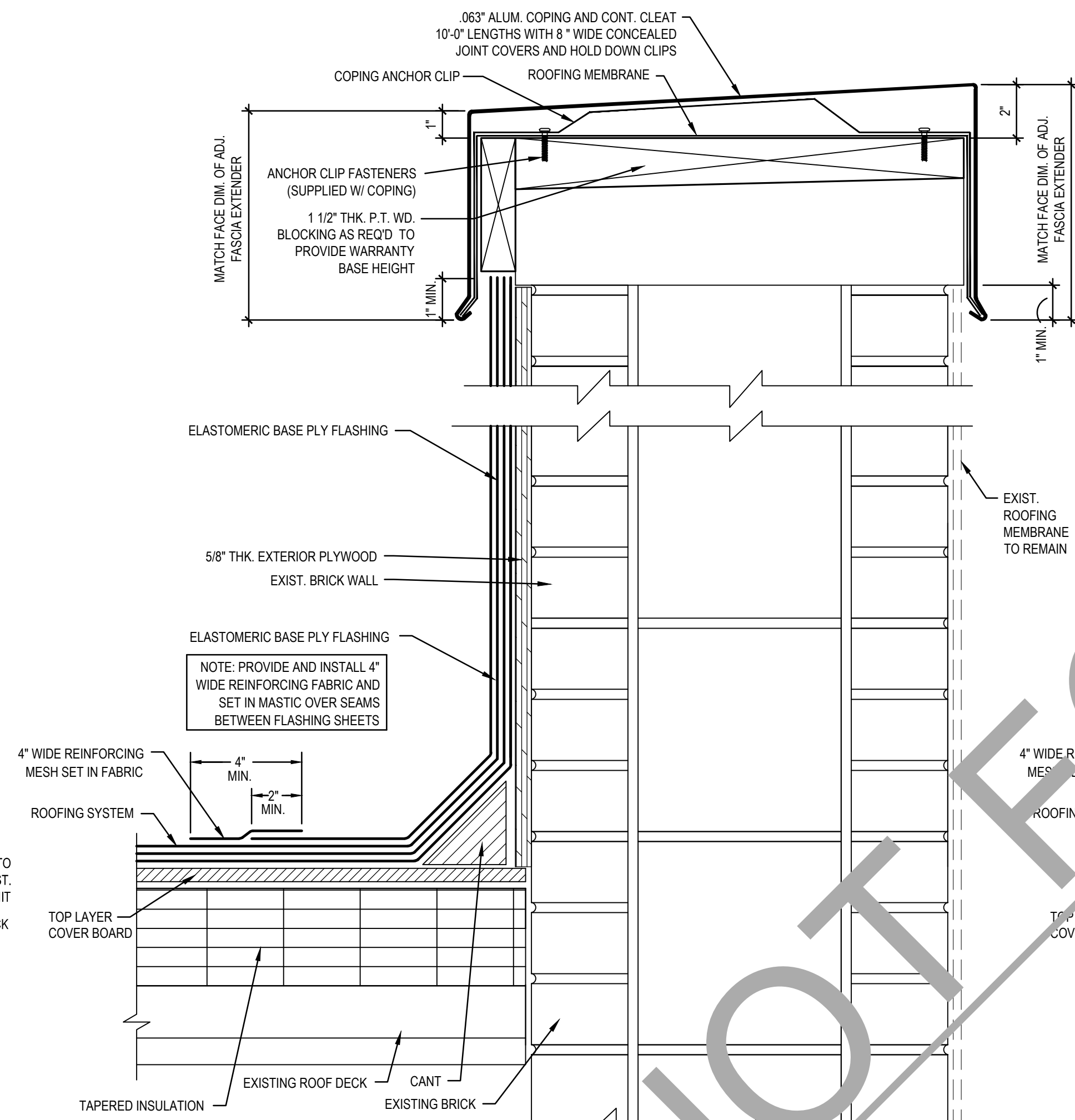
TYP. DRAIN SCUPPER DETAIL  
NOT TO SCALE



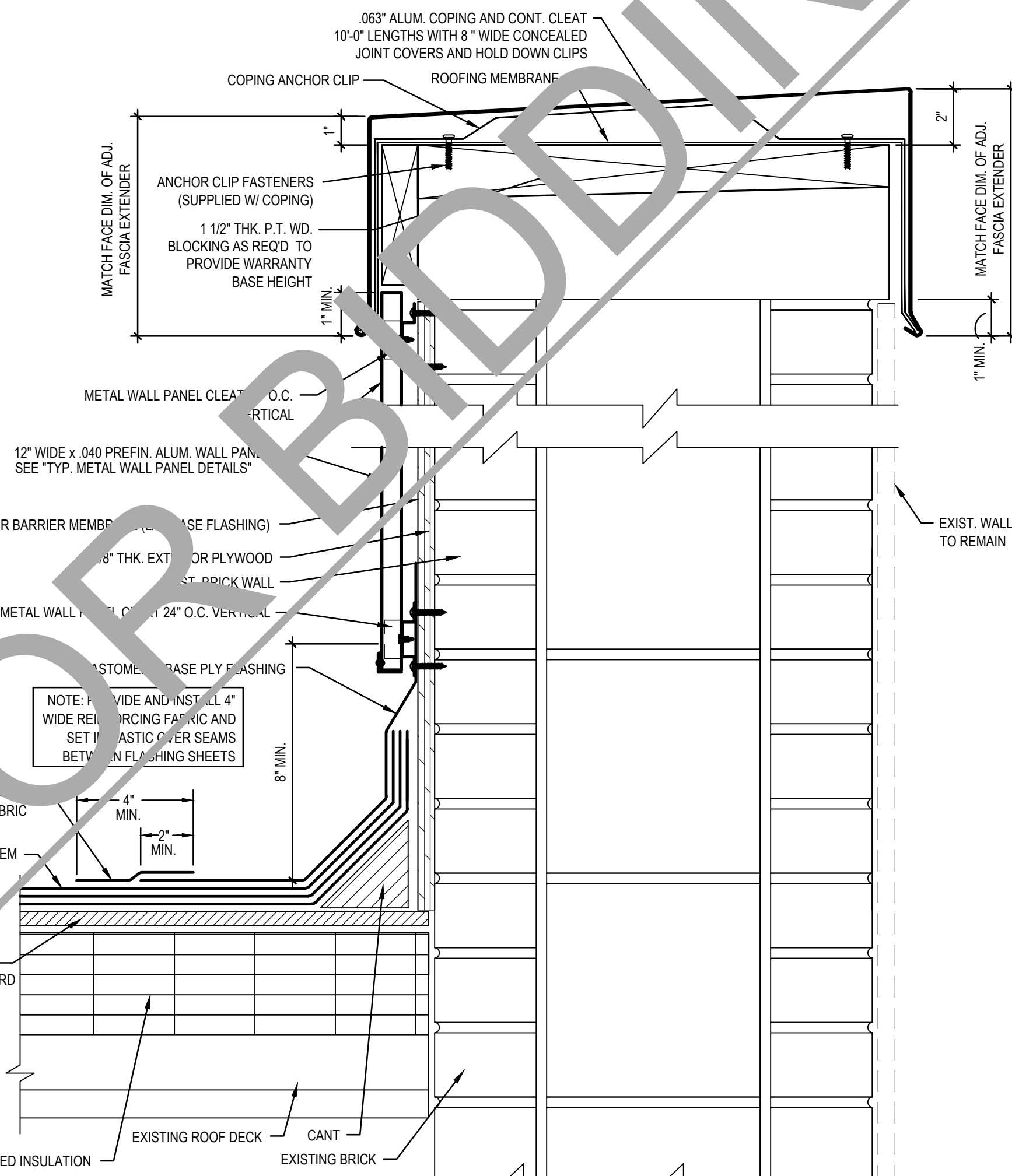
TYP. SCUPPER REPLACEMENT ELEVATION  
SCALE: 3" = 1'-0"



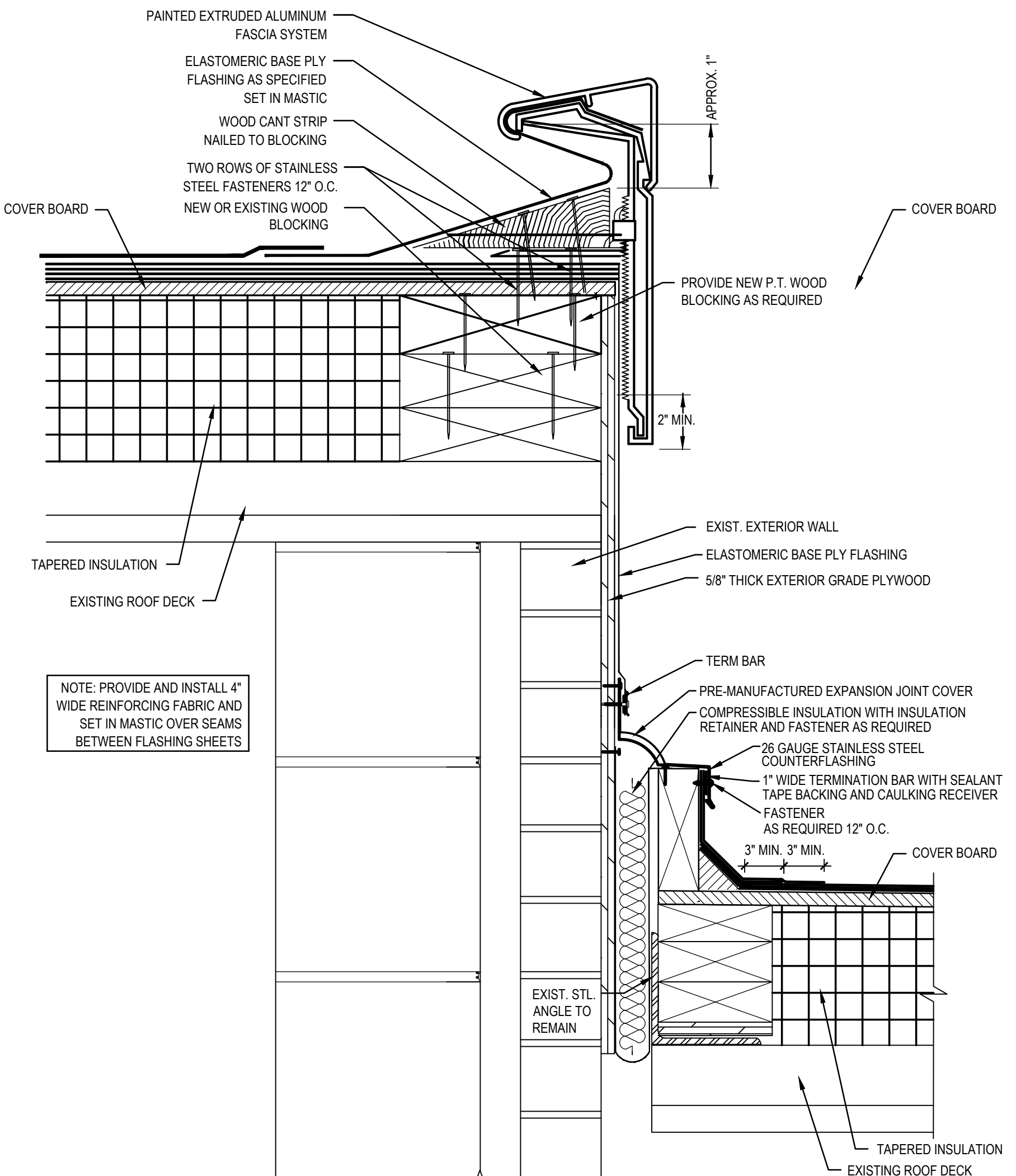
6 ROOF DECK INFILL PLAN  
4.4 SCALE: 3" = 1'-0"



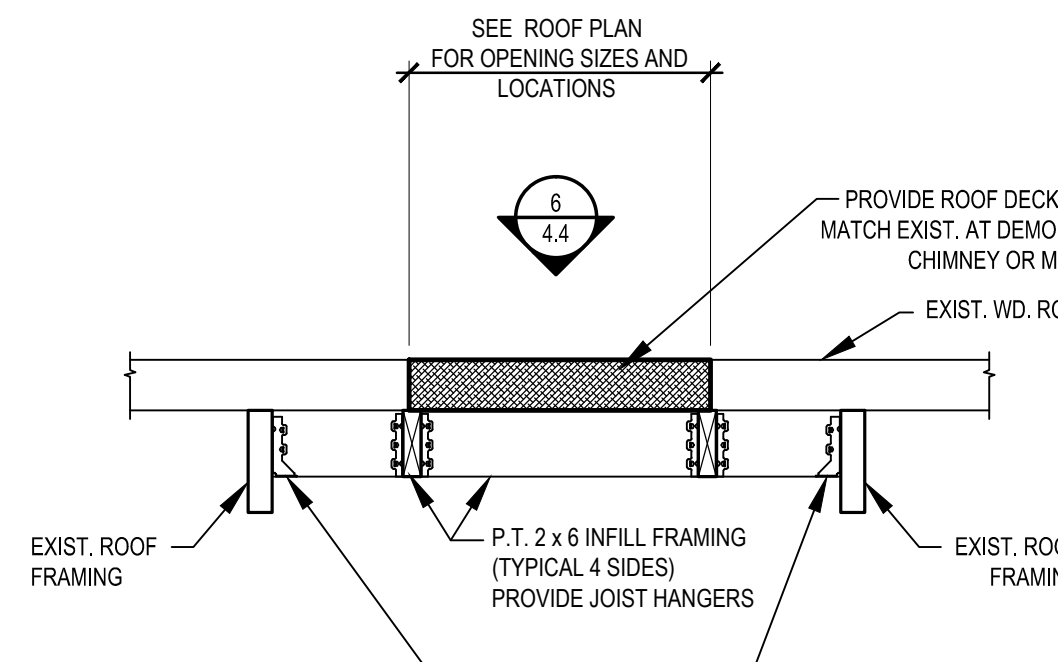
4 WALL COPING DETAIL  
4.4 SCALE: 3" = 1'-0"



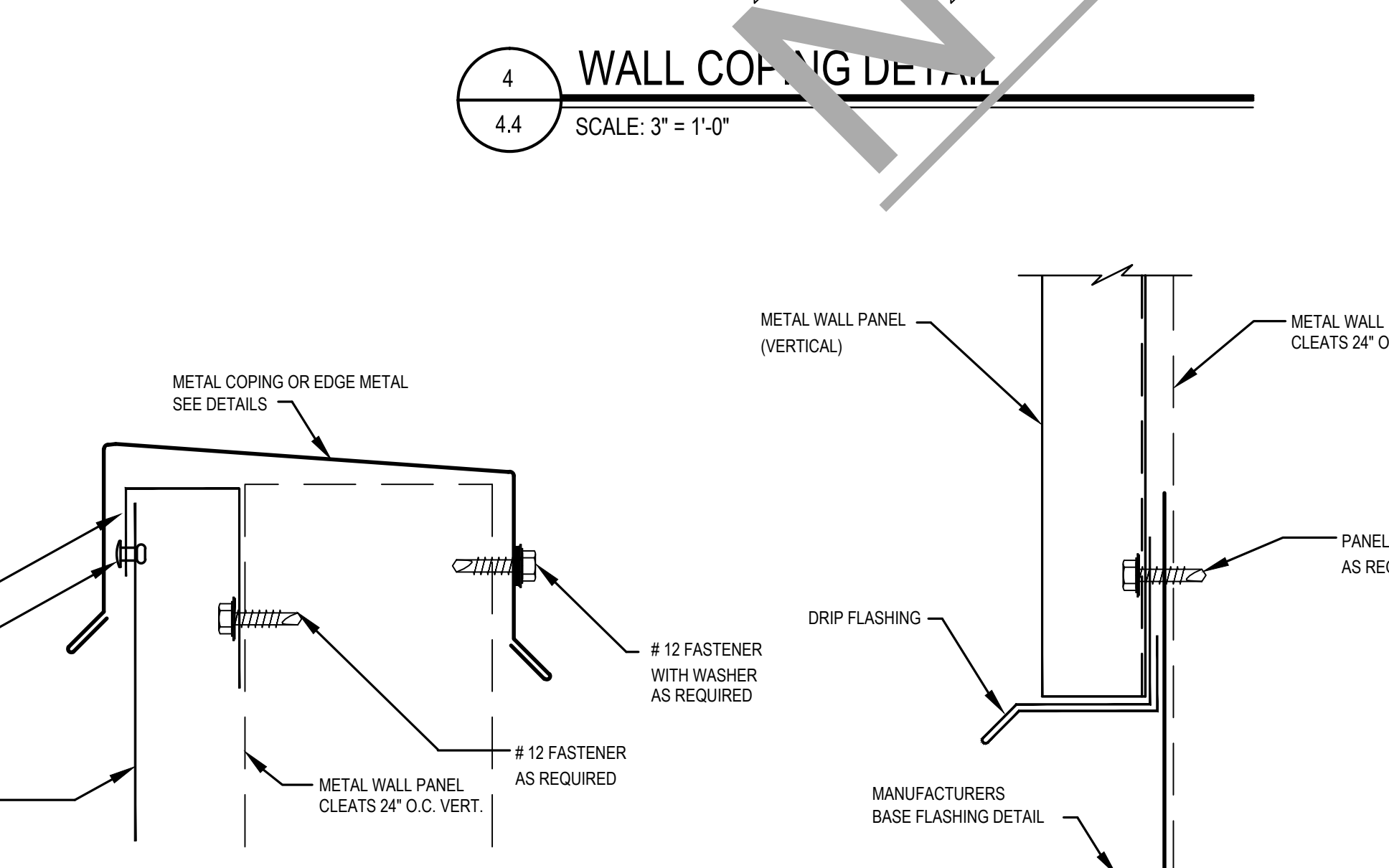
2 WALL COPING DETAIL  
4.4 SCALE: 3" = 1'-0"



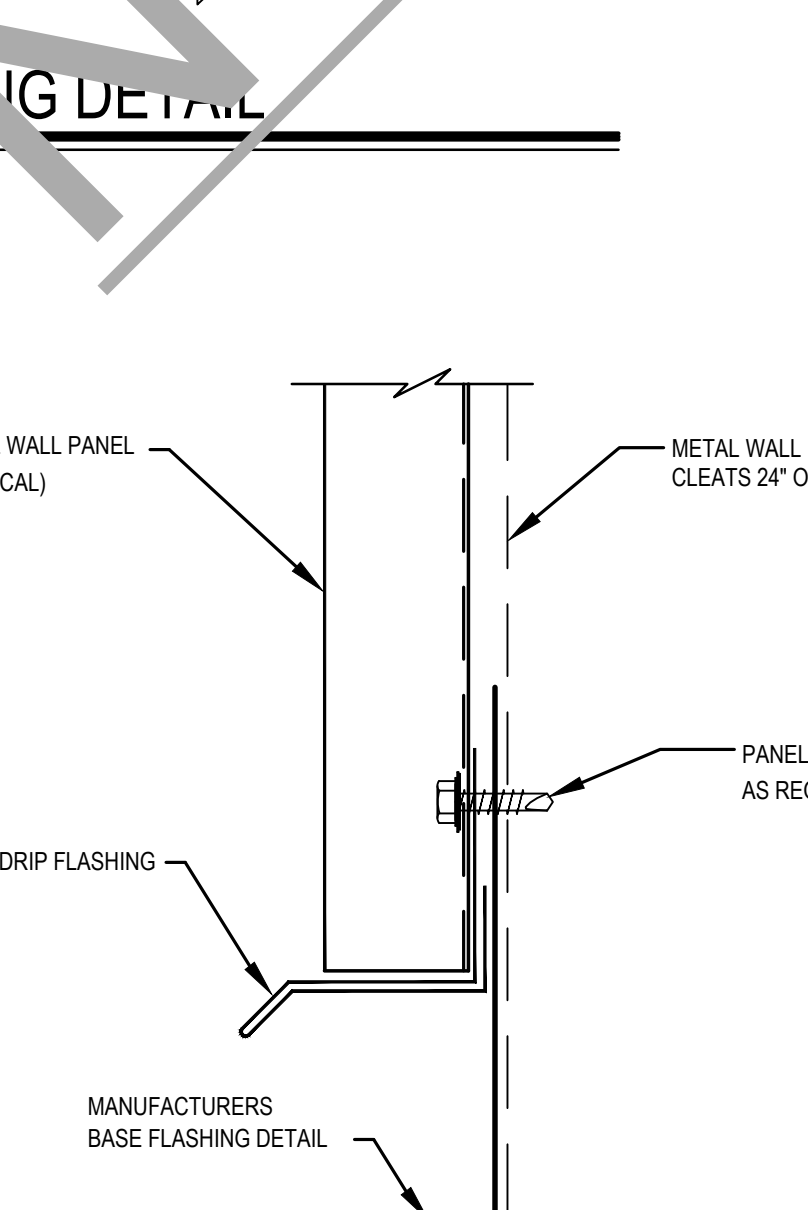
1 EXPANSION JOINT DETAIL  
4.4 SCALE: 3" = 1'-0"



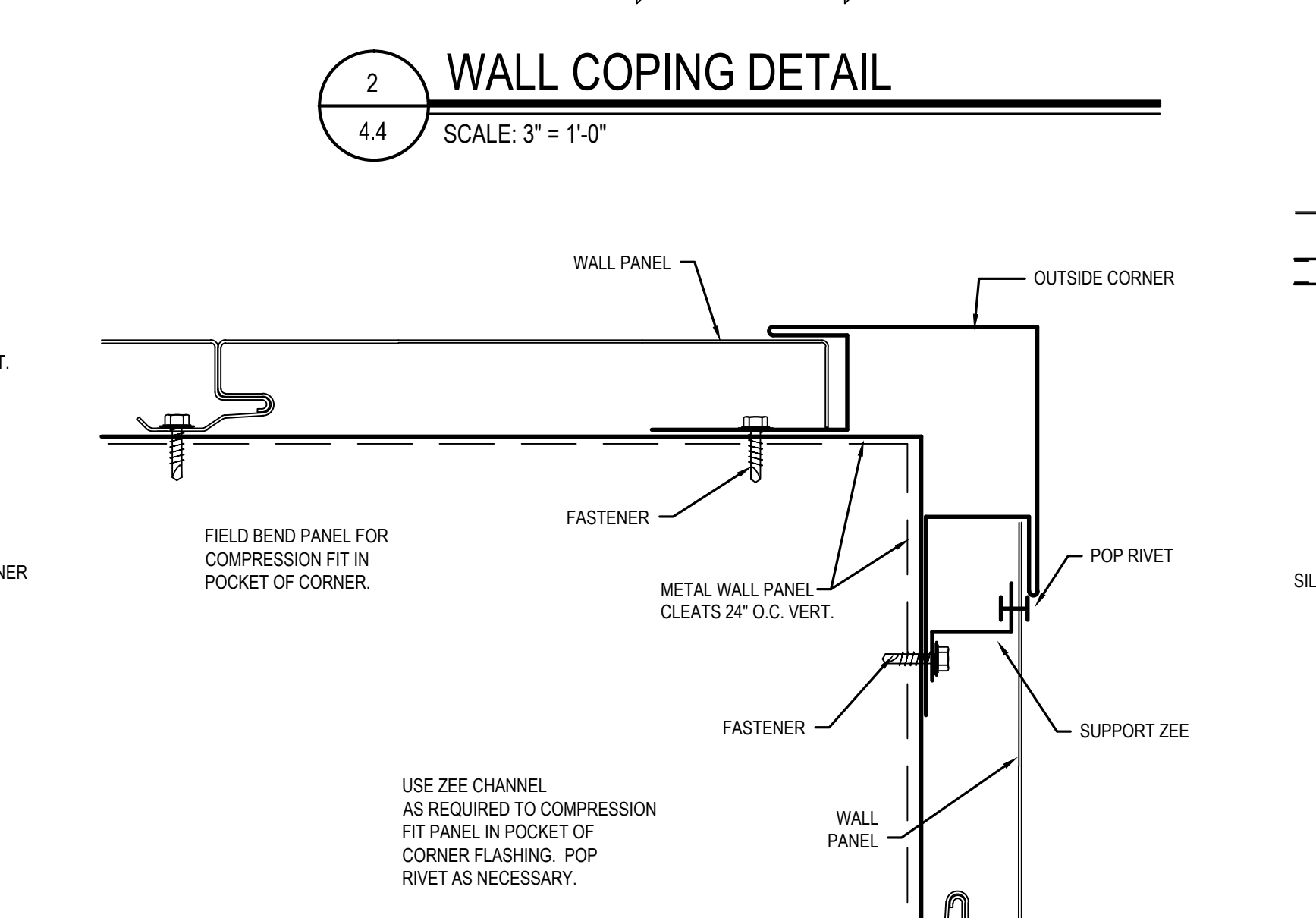
7 ROOF DECK INFILL SECTION  
4.4 SCALE: 3" = 1'-0"



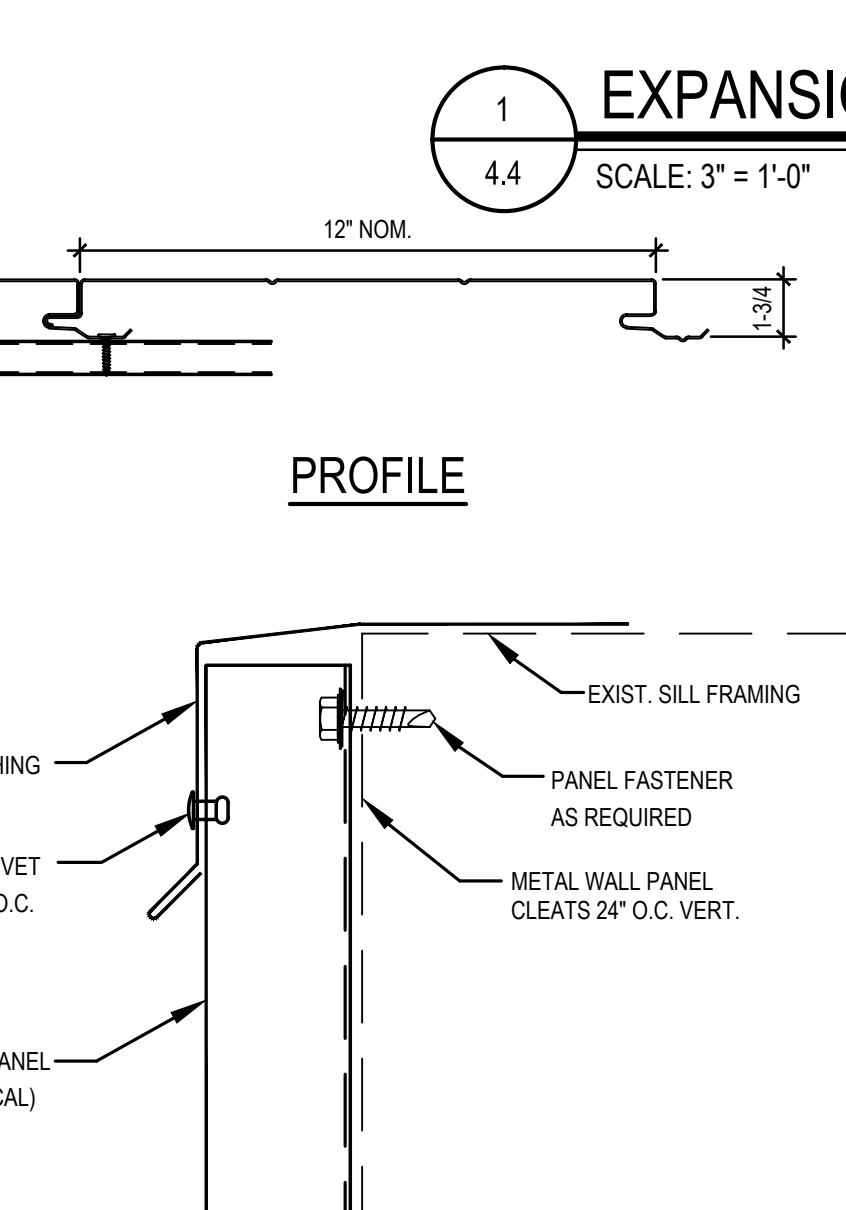
HEAD DETAIL



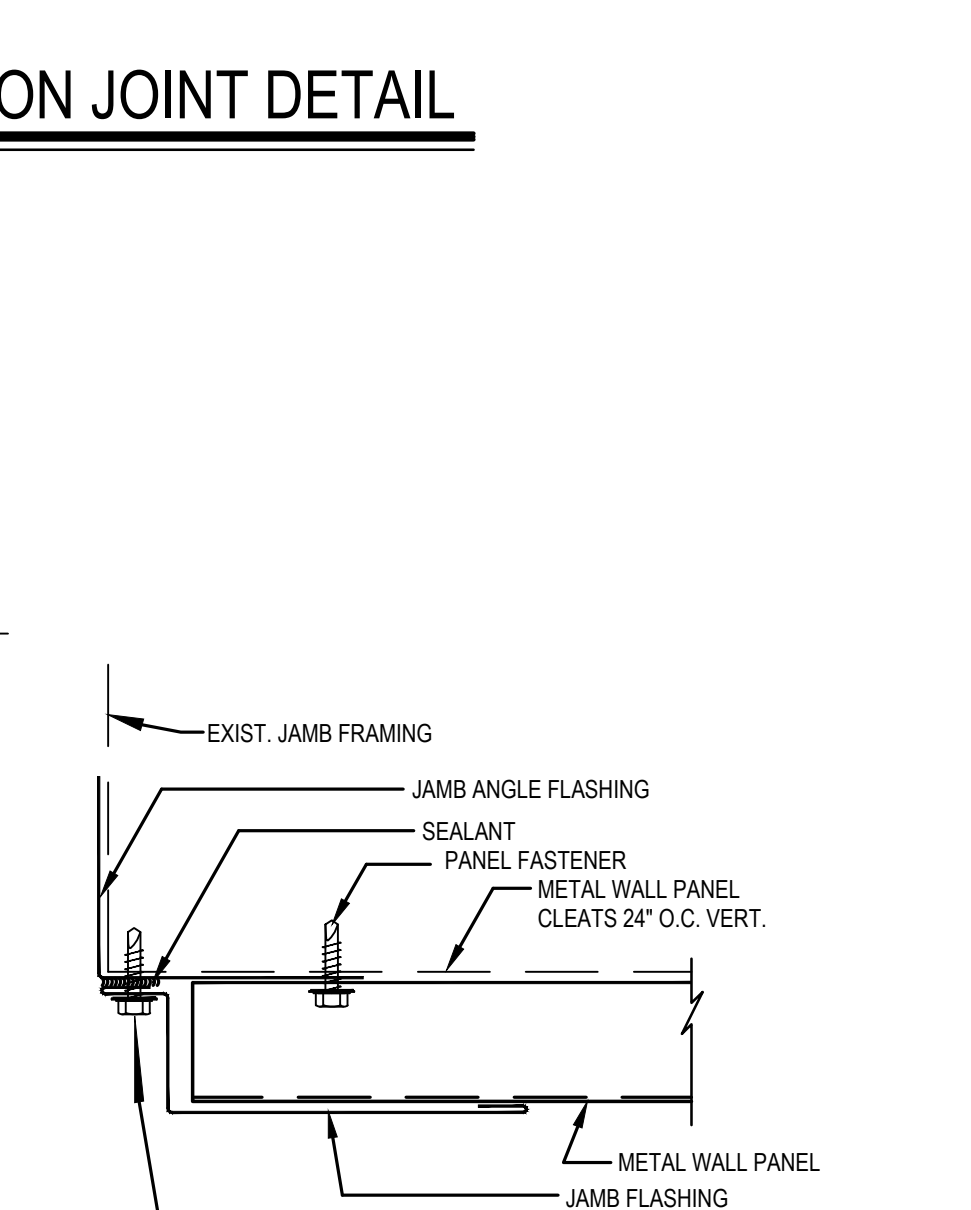
BASE DETAIL



OUTSIDE CORNER



SILL DETAIL



JAMB FLASHING

TYPICAL METAL WALL PANEL DETAILS

NOT TO SCALE

This drawing is the property of StudioJAED and is prepared for the exclusive use of its clients at the location indicated. No other use is authorized or intended.

**STUDIOJAED**  
ARCHITECTS ■ ENGINEERS ■ FACILITIES SOLUTIONS  
CORPORATE HEADQUARTERS  
2500 WINDLE HILL ROAD, STE. 110  
BEAR, DE 19701  
P: (302) 832-1652 F: (302) 832-1423  
E-Mail: info@studiojaed.com  
Website: www.studiojaed.com

| REVISIONS | DESCRIPTION  | DATE          |
|-----------|--------------|---------------|
| 1         | ADDENDUM # 1 | 3 / 10 / 2011 |

SEAFORD SCHOOL DISTRICT  
ROOF REPLACEMENT  
WEST SEAFORD ELEMENTARY SCHOOL  
511 SUSSEX AVENUE  
SEAFORD, DELAWARE 19973

PROJECT  
SHEET TITLE  
ROOF DETAILS  
BID DOCUMENTS  
FEBRUARY 10, 2012  
DRAWN  
DISCIPLINE  
PROJECT NO.  
10020  
CHK'D/DESIGNER  
SHEET NO.  
4.4

CPC - CORRUGATED PIPE COVERING (AIRCCELL)  
WCP - WRAPPED CARDBOARD PAPER PIPE COVERING  
PI - MISC. PIPE INSULATION  
MJP - MUDDIED JOINT PACKING  
SOIL - ASBESTOS CONTAMINATED SOIL  
APM - ACoustICAL PLASTER MATERIAL  
BTI - BOILER, BREECHING & TANK INSULATION  
TPB - TRANSITE PANEL BOARD  
TP - TRANSITE PIPE  
VAT - VINYL ASBESTOS TILE  
VATM - VINYL ASBESTOS TILE MASTIC  
VJC - VIBRATION JOINT CLOTH  
ROOF - ROOFING MATERIAL  
MISC - MISCELLANEOUS

NAM

1. THESE DRAWINGS HAVE BEEN COMPILED FROM EXISTING DRAWINGS, ASBESTOS ASSESSMENT FIELD SKETCHES AND SITE VISITS. VARIATIONS IN THE QUANTITY AND THE LOCATION OF THE ITEMS ARE POSSIBLE. THE CONTRACTOR MUST FIELD VERIFY ALL QUANTITIES AND LOCATIONS OF THE LISTED ITEMS.
2. THE CONTRACTOR IS REQUIRED TO RESTORE ALL SURFACES TO ORIGINAL OR EXCEEDING ORIGINAL CONDITIONS AS SPELLED OUT IN THE APPLICABLE SPECIFICATIONS.
3. METHOD OF REMOVAL: \_\_\_\_\_
4. RESPIRATORY PROTECTION: \_\_\_\_\_
5. NEGATIVE AIR MACHINES: \_\_\_\_\_
6. DECONTAMINATION UNITS: \_\_\_\_\_
7. NUMBER REQUIRED: \_\_\_\_\_
8. REINSULATION: \_\_\_\_\_
9. PLACE PRIMARY BARRIERS ON ALL EQUIPMENT NOT SUSCEPTIBLE FOR REMOVAL.
10. COORDINATE WITH OWNER FOR WATER, SEWER AND ELECTRICAL CONNECTIONS.
11. COORDINATE WITH OWNER FOR PLACEMENT OF DUCT(S).
12. COORDINATE WITH OWNER FOR PLACEMENT OF SCISSOR DECONTAMINATION UNIT.
13. COORDINATE WITH OWNER FOR PLACEMENT OF SCISSOR LIFT.

| TYPE           | SIZE          | QTY.  | PERCENTAGE            |
|----------------|---------------|-------|-----------------------|
| CPC            | UP TO 2"      |       |                       |
|                | 2 1/2" - 6"   |       |                       |
|                | 6 1/2" AND UP |       |                       |
| WCP            | UP TO 2"      |       |                       |
|                | 2 1/2" - 6"   |       |                       |
|                | 6 1/2" AND UP |       |                       |
| PI             | UP TO 2"      |       |                       |
|                | 2 1/2" - 6"   |       |                       |
|                | 6 1/2" AND UP |       |                       |
| MJP            | UP TO 2"      |       |                       |
|                | 2 1/2" - 6"   |       |                       |
|                | 6 1/2" AND UP |       |                       |
| SOIL           |               |       |                       |
| APM            |               |       |                       |
| B (SQ. FT.)    |               |       |                       |
| TPB            |               |       |                       |
| TP             |               |       |                       |
| VAT (SQ. FT.)  |               |       |                       |
| VATM (SQ. FT.) |               |       |                       |
| VAC (L.F.)     |               |       |                       |
| ROOF           |               | 2,300 | 5.34%<br>CHRYSYTOLITE |
| MISC           |               |       |                       |

NOT FOR BIDDING

W IS SH (N

RD

WL

DS

GV

2V

3V

4V

AREA D

SCALE: 1/8" = 1'-0"