


ADDENDUM TO RFP DOCUMENTS

 SOLANO COMMUNITY COLLEGE	ADDENDUM #02
	Project: Solano Community College District Vacaville Center HVAC Upgrade Project Project #18-010
	Date: February 28, 2018

Addendum # 02 – The following clarifications are provided based on questions received and must be added/considered when completing your submittal: Acknowledgement of receipt of this **ADDENDUM** is required in the proposal’s cover letter of introduction. Please clearly note the addendum date and number.

ITEM:

ITEM NO. 1 – SECTION 00 11 16, Item 6 – Bid Date

The bid date has been extended until **Tuesday, March 6, 2018 at 2:00 PM** in order to give the bidders the opportunity to review the technical Mechanical and Electrical specifications and Vacaville Center as-built drawings issued as part of this addendum. The location and process for submission of bids remains unchanged.

ITEM NO. 2 – MECHANICAL SPECIFICATIONS

See the instructions below for accessing the FTP site link for the Mechanical Specifications, including the following Sections:

- 23 05 16 FL Expansion Fittings and Loops for HVAC Piping
- 23 05 29 FL Hangers and Supports for HVAC Piping and Equipment
- 23 05 33 FL Identification for HVAC Piping and Equipment
- 23 05 93 FL Testing, Adjusting and Balancing for HVAC
- 23 07 13 FL Duct Insulation
- 23 07 19 FL HVAC Piping Insulation
- 23 08 00 FL Commissioning of HVAC
- 23 21 13 FL Hydronic Piping
- 23 21 16 FL Hydronic Piping Specialties
- 23 23 00 FL Refrigerant Piping
- 23 31 13 Metal Ducts
- 23 33 00 FL Air Duct Accessories
- 23 52 30 Hydronic Boiler Skid Packaged System
- 23 81 19 FL Self-Contained Air Conditioners
- 23 81 26 FL Split-System Air Conditioners
- 23 82 16.11 Hydronic Air Coils

The FTP site is located at <ftp://ftp.ca.kitchell.com>

Username: VVHVAC (Please note: all UPPER case)

Password: VVHVAC (Please note: all UPPER case)

Please note:

FOR WINDOWS XP, 7 AND 8/8.1:

1. Please use Internet Explorer. The instructions will not work if used in Firefox, Chrome, Safari, etc. This is configured for Internet Explorer.
2. To access the site, they need to make sure to type in the FTP in the website above. If they try to go to their web browser and use http instead, they will not be able to access the files. They can also open Internet Explorer, go to File and Open, and type in the website.
3. PLEASE NOTE: In some cases with older browsers or sites with heavy internet filtering, when the website is accessed the main page will show a "not connected" message. If so, follow point 4 below. This will make the site connect in a way compatible with older browsers or highly restricted internet connections.
4. In order to add or modify files, they will need to go to the View option, and change it to "Open FTP Site in Windows Explorer". (If the View option is not available, press the "ALT" key) This will make it look like a computer drive, and then they can treat it like a normal computer directory.

FOR WINDOWS 10:

1. Open File Explorer. You can do this by either:
 - a. In the search bar in the lower left, type "File Explorer". The top option should come up as "File Explorer Desktop App". Click on this.
 - b. Click on the Windows icon on the lower left corner. Go to All Apps. Scroll down to "Windows System". Open it. Scroll down to "File Explorer". Click on it.
2. In File Explorer, where it currently says "quick access", type in the ftp site "[ftp.ca.kitchell.com](ftp://ftp.ca.kitchell.com)". It will then ask you for the username and password for the site.
3. You can then access the files as you normally would.

ITEM NO. 3 – ELECTRICAL SPECIFICATIONS

Access the FTP site using the instructions provided in Item No. 2 for the Electrical Specifications, including the following Sections:

- 26 05 00 Electrical Basic Materials and Methods

ITEM NO. 4 – VACAVILLE CENTER AS-BUILT DRAWINGS

Access the FTP site using the instructions provided in Item No. 2 for the Vacaville Center as-built drawings.

ITEM NO. 5 – ANSWERS TO SUBMITTED QUESTIONS

QUESTION –Sheet A4.3 shows a new unit being installed where the outline of the existing site screen is located. Does the site screen need to be removed or modified to accommodate the new unit? If removed or modified please provide drawings with details.

ANSWER – Refer to attached M1.14 (see attached).

QUESTION –During the job walk it was determined that the existing roof system is fully tapered by rigid insulation ½” in 12” slope with a minimum of 6” at drains but not shown on the drawings. Please confirm and provide new details identifying existing insulation.

ANSWER – Please see the attached As-built drawings: A8.51, A8.52 & A8.53 for all the info of the existing roof condition (see attached).

QUESTION –The new Fan Coil Units require a condensate pump. Please provide a connection detail and circuits to be used.

ANSWER – Refer to attached sheet M0.02 (see attached).

QUESTION –No fire alarm is shown on the electrical drawings. Is this provided by the District?

ANSWER – Sheet M0.01 shows requirement for four units to have duct smoke detectors for unit shutdown. These shall be provided with the unit and separate from the fire alarm system.

QUESTION –Does the existing Cooling Tower get removed with all associated conduits and controls? This is not shown on the electrical drawings, but is shown on the mechanical drawings.

ANSWER – The conduit for controls to the cooling tower should be maintained and extended to connect to the new boiler control panel. Existing power shall be removed.

QUESTION –Does the existing boiler get removed along with all associated conduits and controls? This is not shown on the electrical drawings, but is shown on the mechanical drawings.

ANSWER – Follow Sheet Note 2 on E1.14 for direction on conduits for the existing boiler.

QUESTION –In the Instructions to bidder’s sheet 002113-3 Section 14 explains the DVBE participation goals. It also mentions that the DVBE certification Participation forms are attached. Please provide the DVBE forms.

ANSWER – DVBE is not a requirement of this project, but all bidders and subcontractors shall abide by the District’s Small, Local Diverse Business Program (SLDBE). Please replace Section 00 21 13 – 3.14 with the following:

The Bidder and all Subcontractors under the contract shall abide by the District’s Small, Local Diverse Business Program (SLDBE). This program has been established to ensure access, equity and inclusion of Solano County businesses in the area of construction contracting. The SLDBE program is innovative and inclusionary; defining and promoting diversity in contracting and procurement by extending Measure Q Bond Program opportunities to Solano County small businesses, minority-owned business, women-owned business and those of disabled veterans. The goal for SLDBE in construction projects is a 15% contracting/subcontracting goal. The bidding contractor shall list their small, local and diverse subcontractors and/or suppliers on

the SLDBE Bid Form attached and include the filled out form in the bid submission. Contractors who fail to meet the 15% goal must submit, with the bid submission, evidence of having made a Good Faith Effort (GFE checklist) to attempt to achieve the 15% goal. The bidding contractor shall submit the SLDBE list of subcontractor/supplier forms with their bid and/or the GFE checklist with their bid.

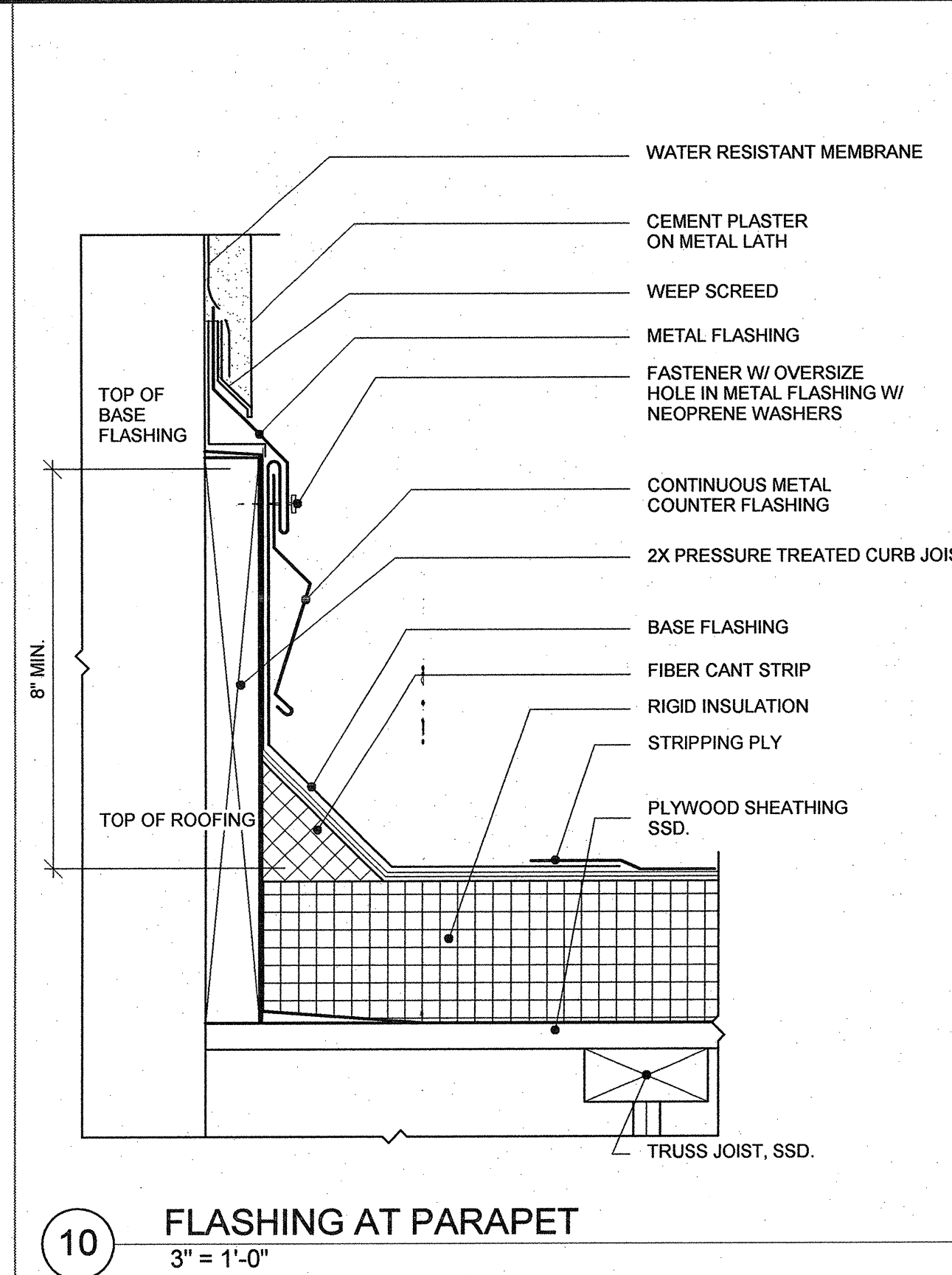
Refer to the attached SLDBE forms (see attached).

QUESTION – Where is Panel “L2D” located? The new condensing units are fed from this panel. Plan Sheet E10.02 shows panel “L2D” and it is supposed to be in the hallway. Is this a new panel? If so, where is it located and where does it feed from?

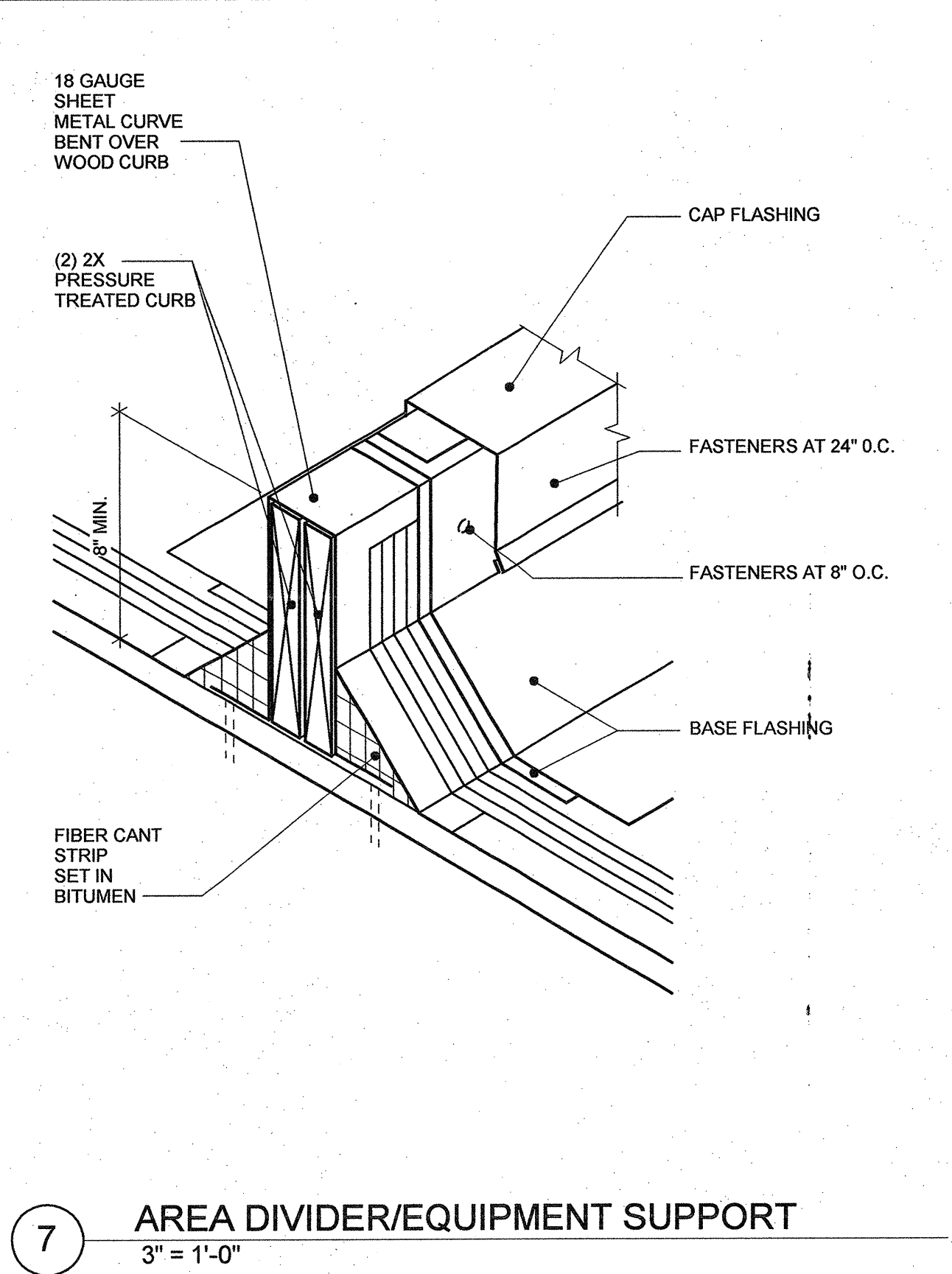
ANSWER – Panel L2D is a new panel and shall be installed in room 209-IT Support. Panel shall be fed from distribution panel DP-1 (located in 1st floor room 108-ELEC). Feeder shall be 2”C. – 4#1 + #6GND.

QUESTION – Is this a “Buy American Project”?

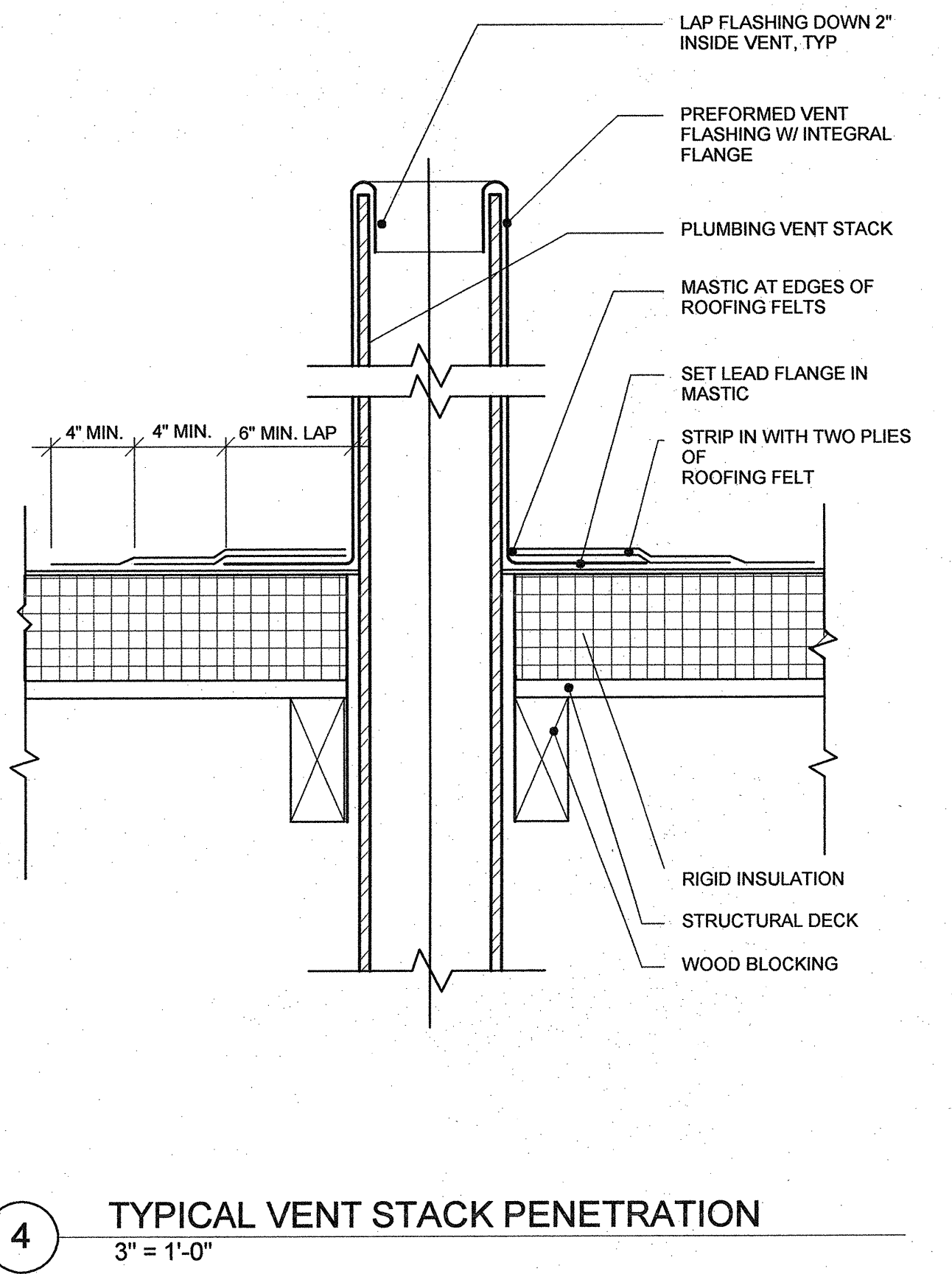
ANSWER – Yes. See Section 00 45 46.09 – Buy American Certification.



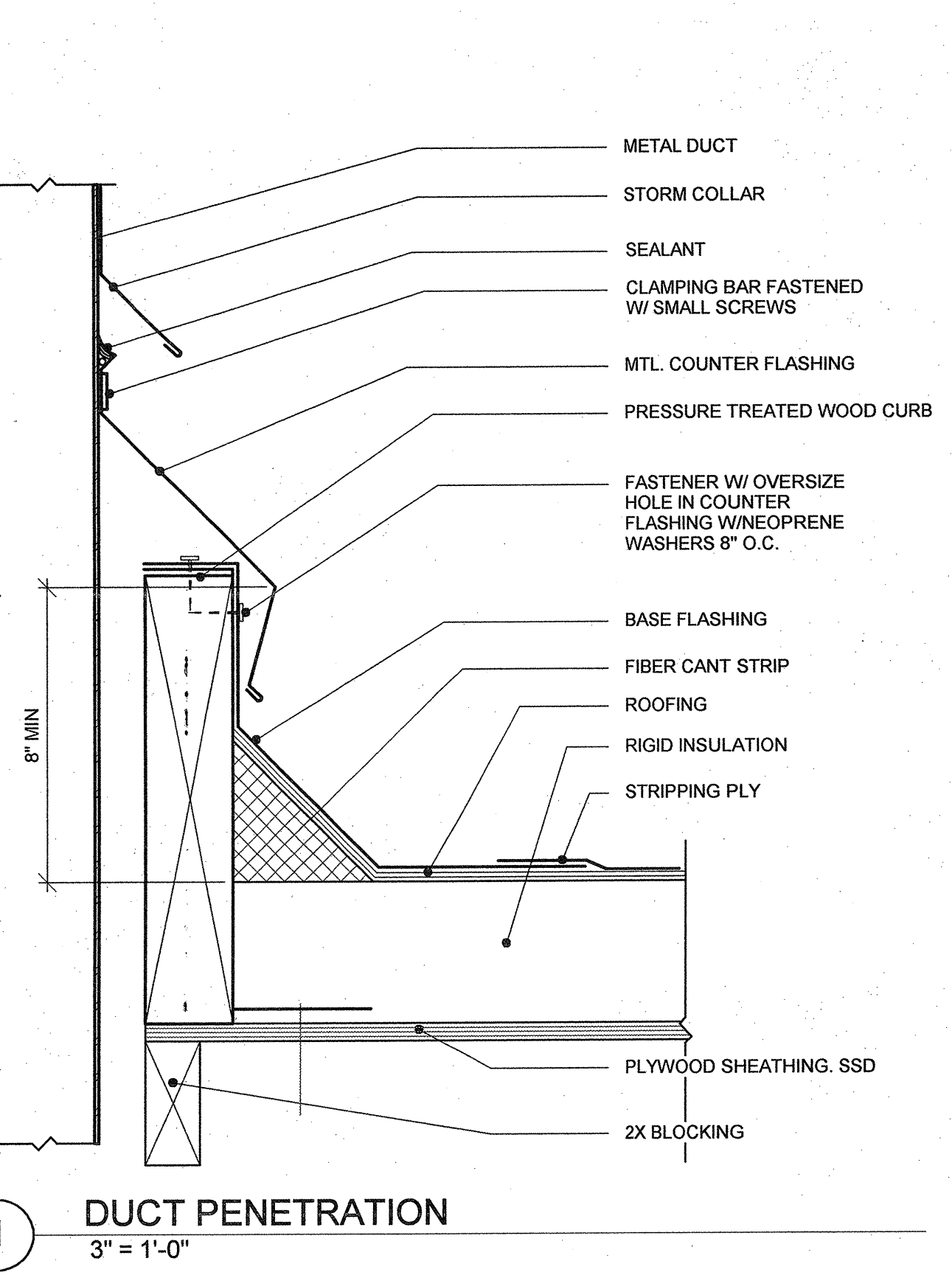
10 FLASHING AT PARAPET
3" = 1'-0"



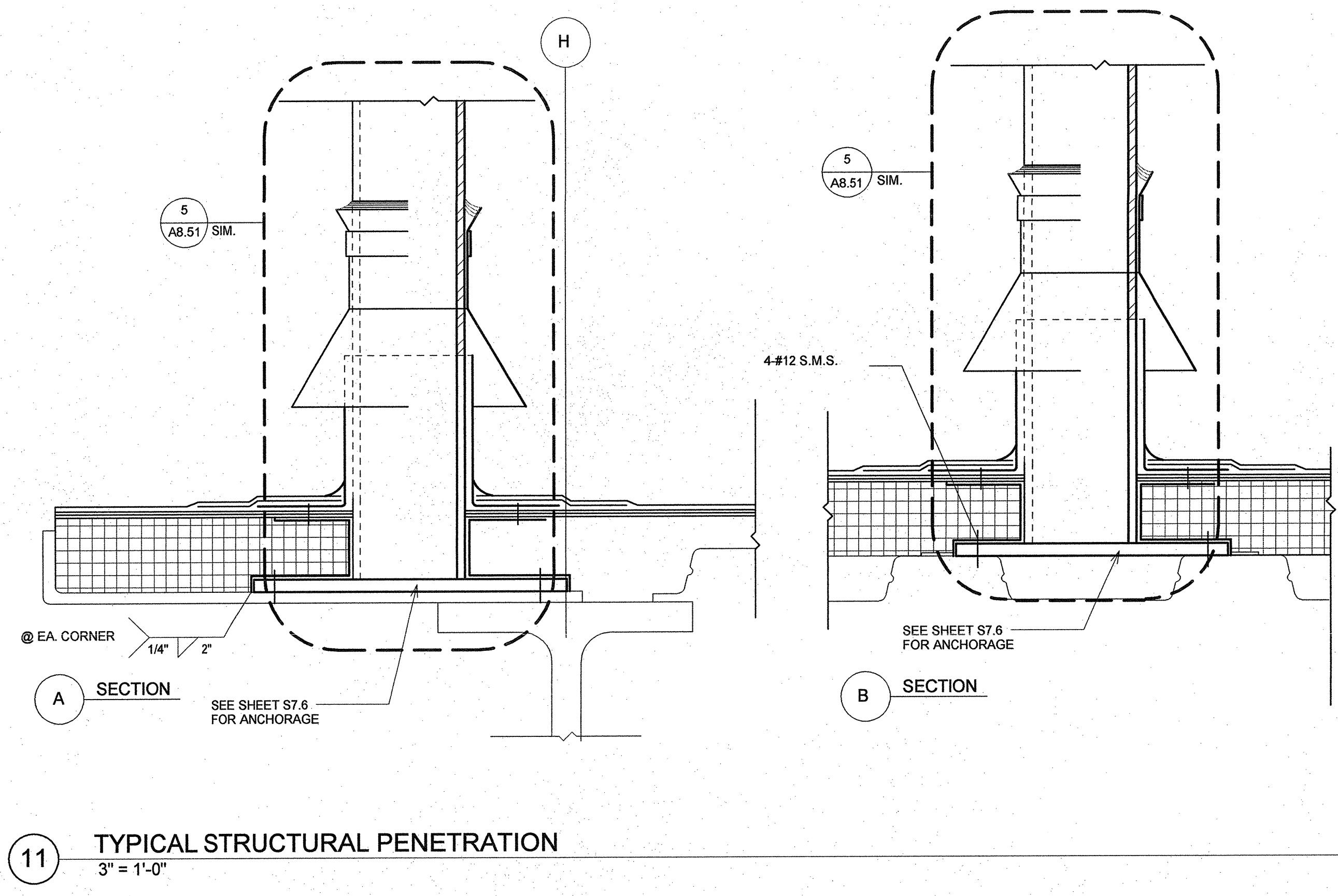
7 AREA DIVIDER/EQUIPMENT SUPPORT
3" = 1'-0"



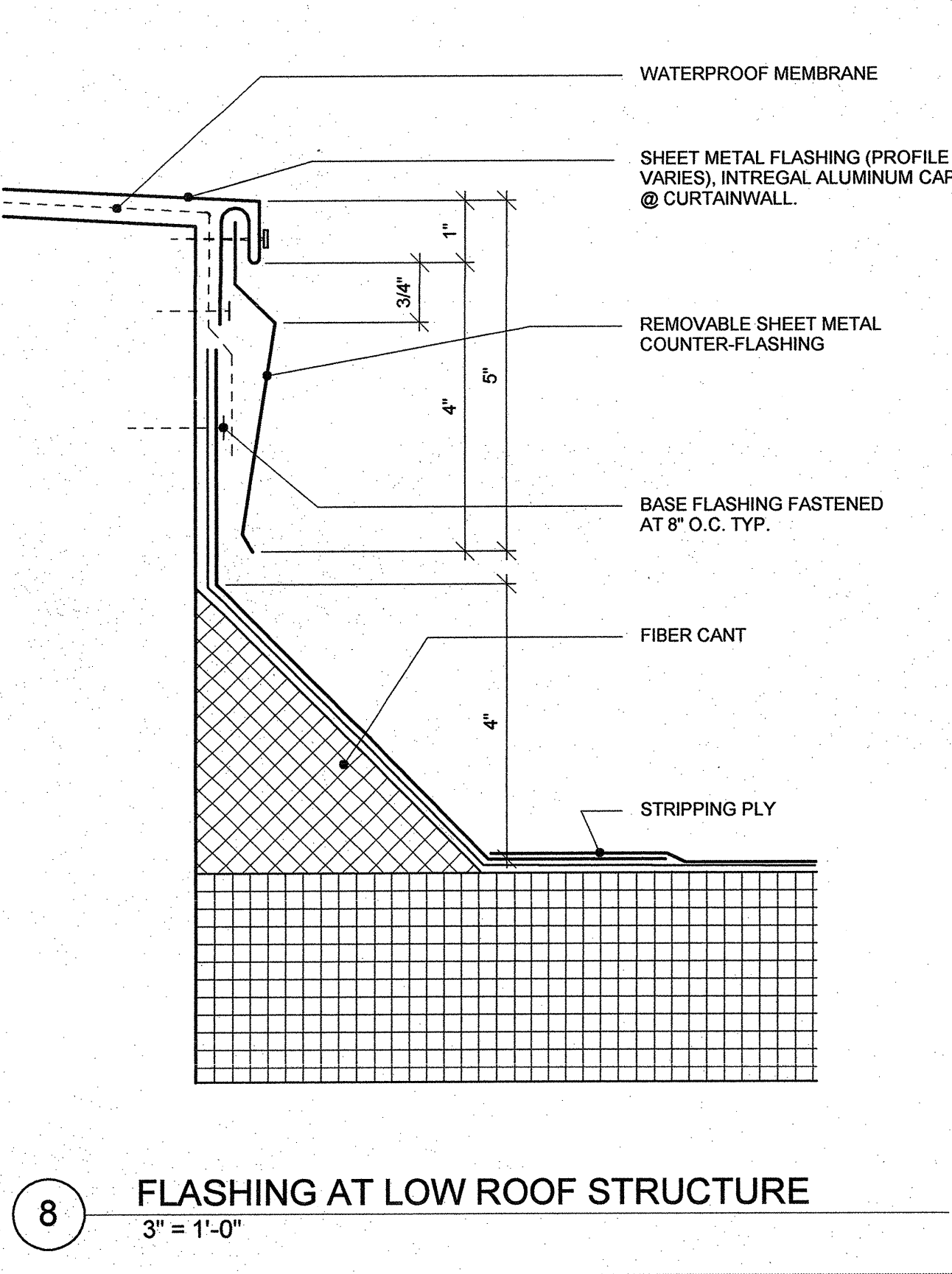
4 TYPICAL VENT STACK PENETRATION
3" = 1'-0"



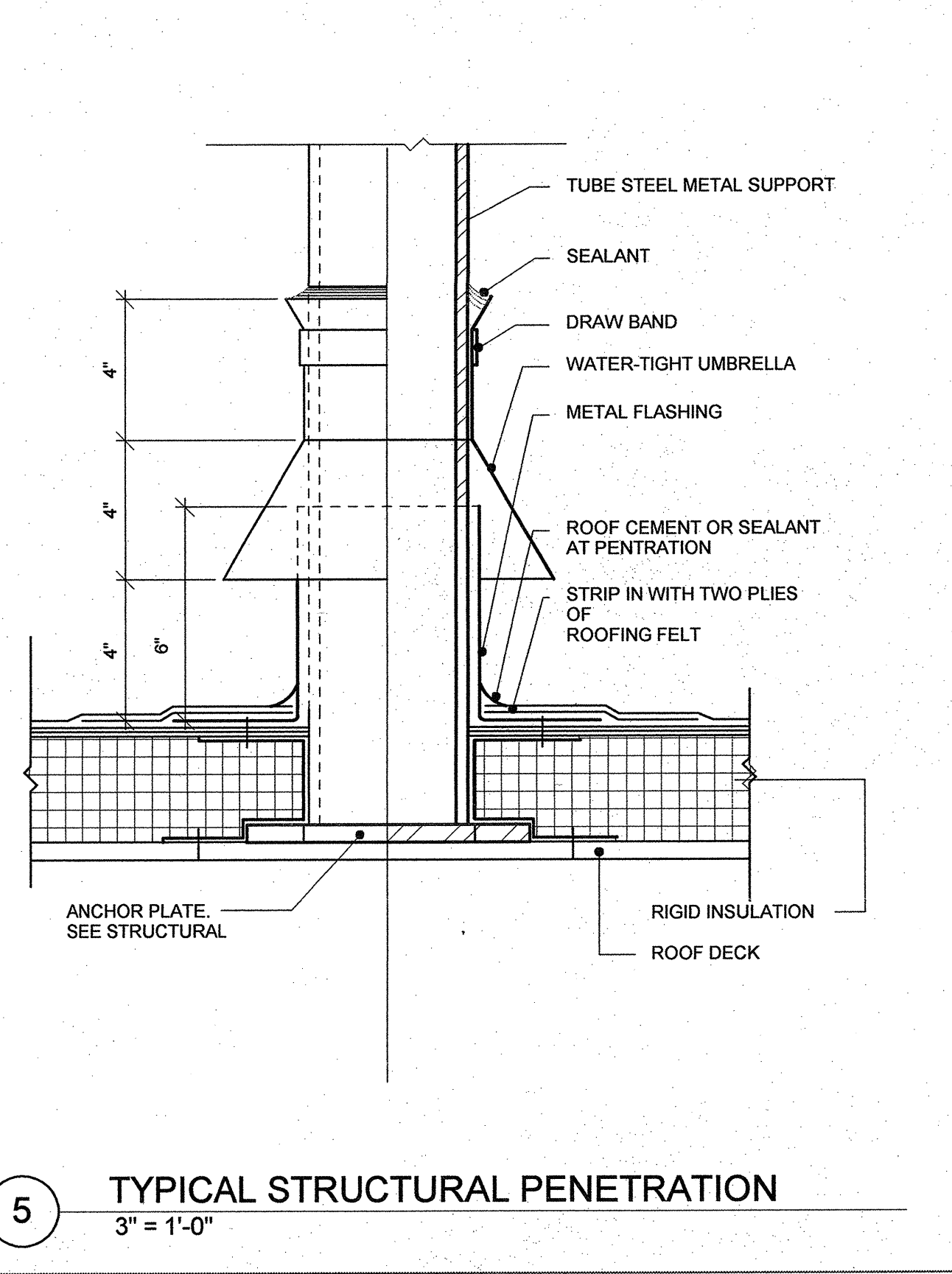
1 DUCT PENETRATION
3" = 1'-0"



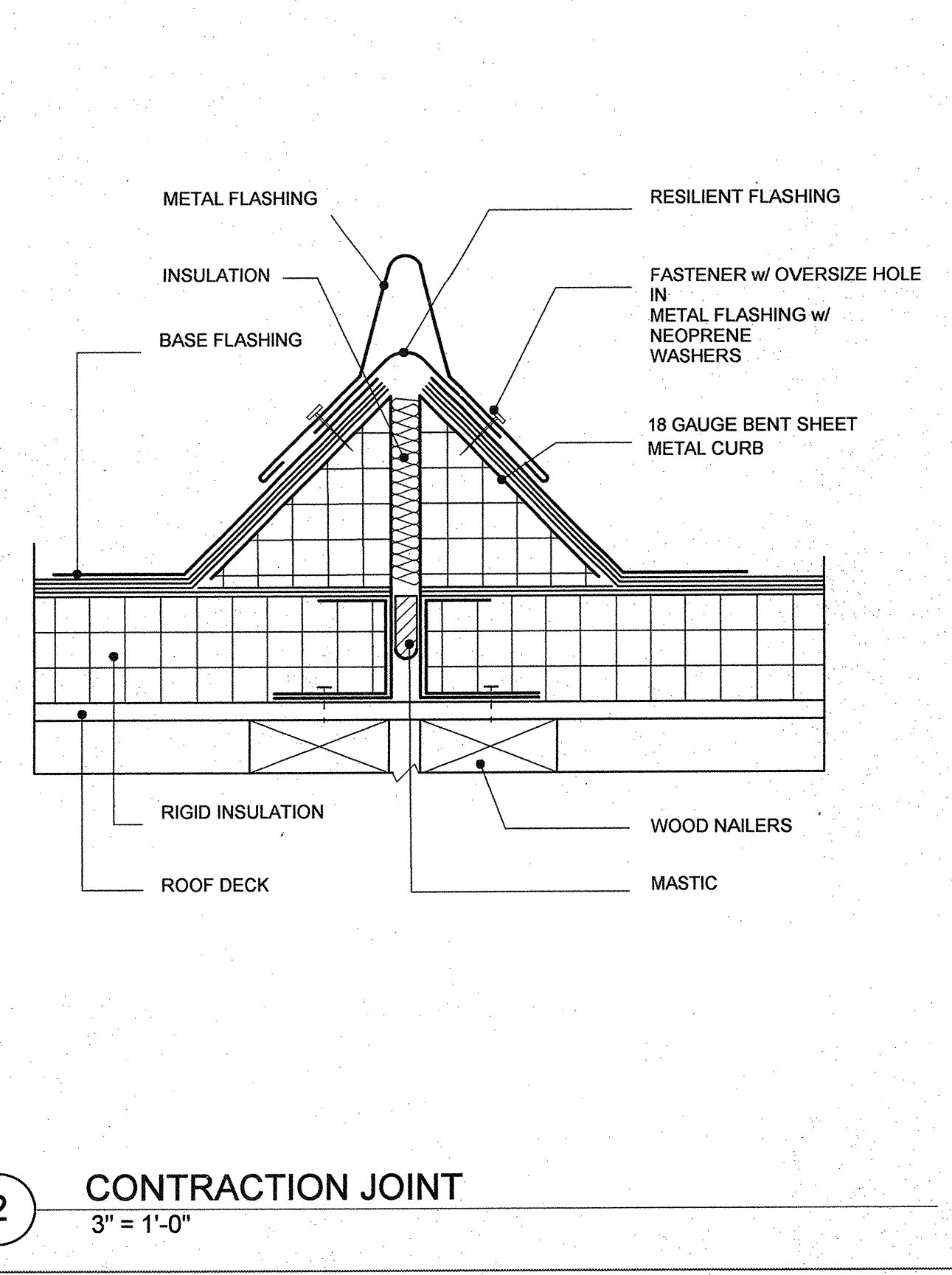
11 TYPICAL STRUCTURAL PENETRATION
3" = 1'-0"



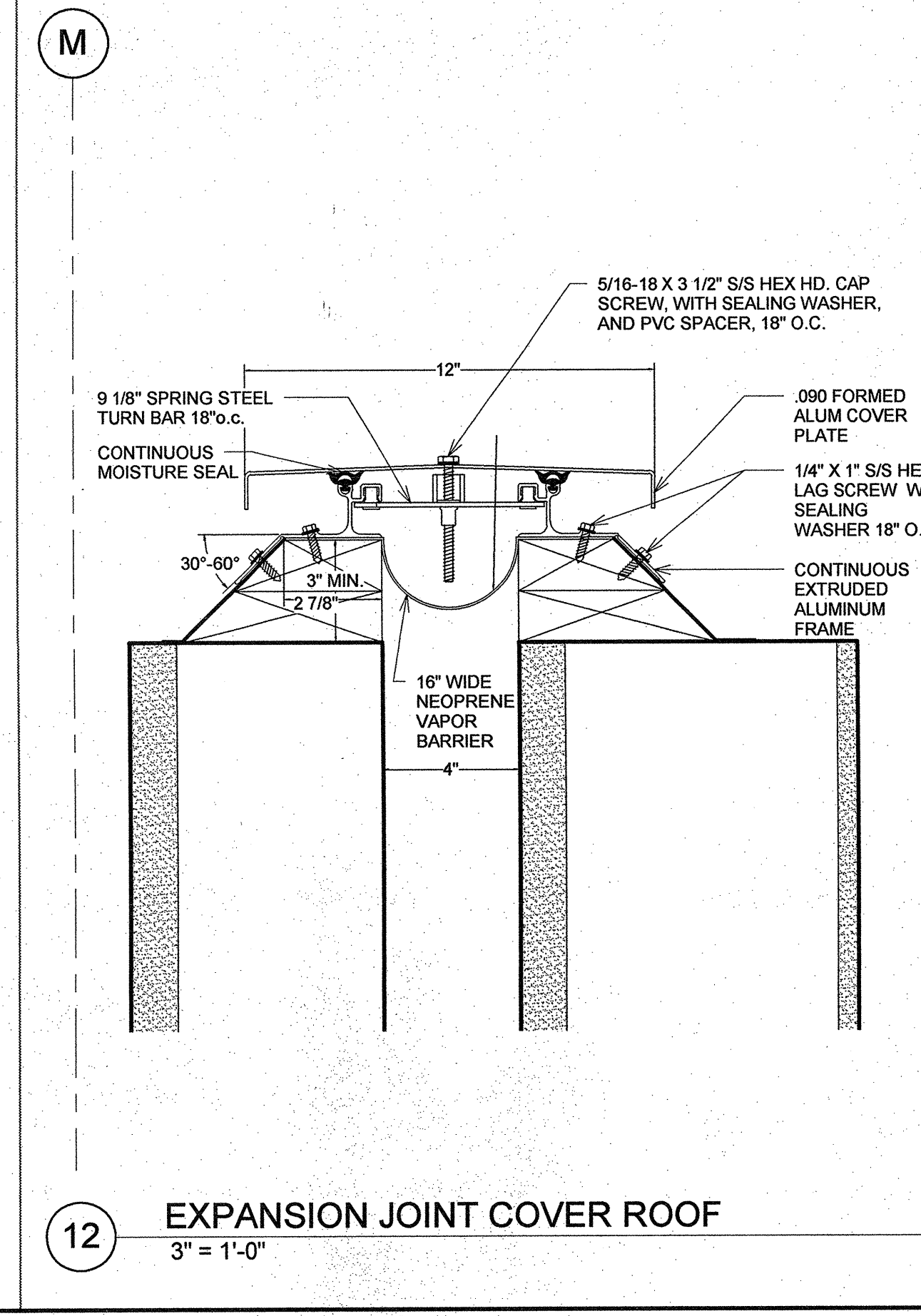
8 FLASHING AT LOW ROOF STRUCTURE
3" = 1'-0"



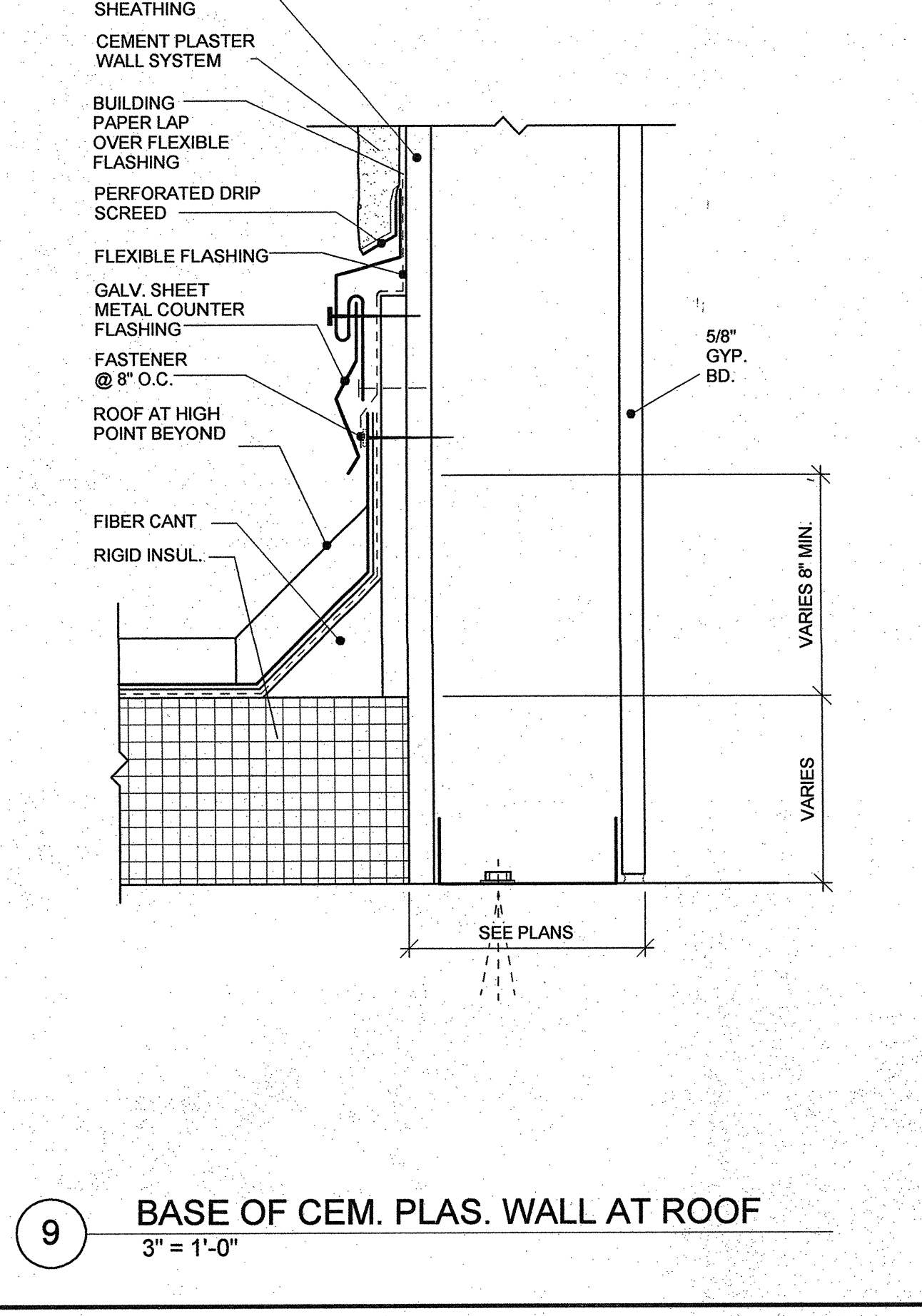
5 TYPICAL STRUCTURAL PENETRATION
3" = 1'-0"



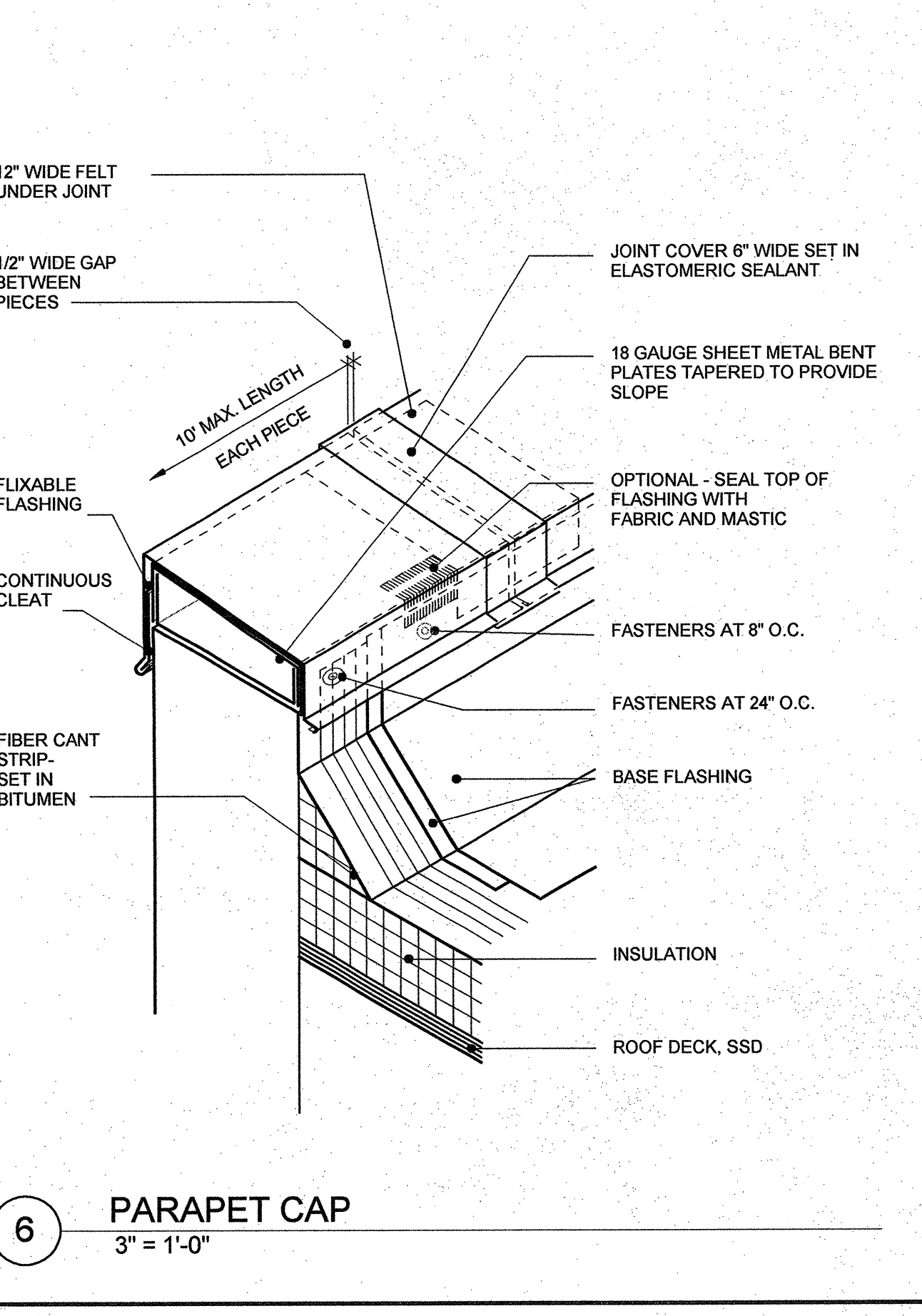
2 CONTRACTION JOINT
3" = 1'-0"



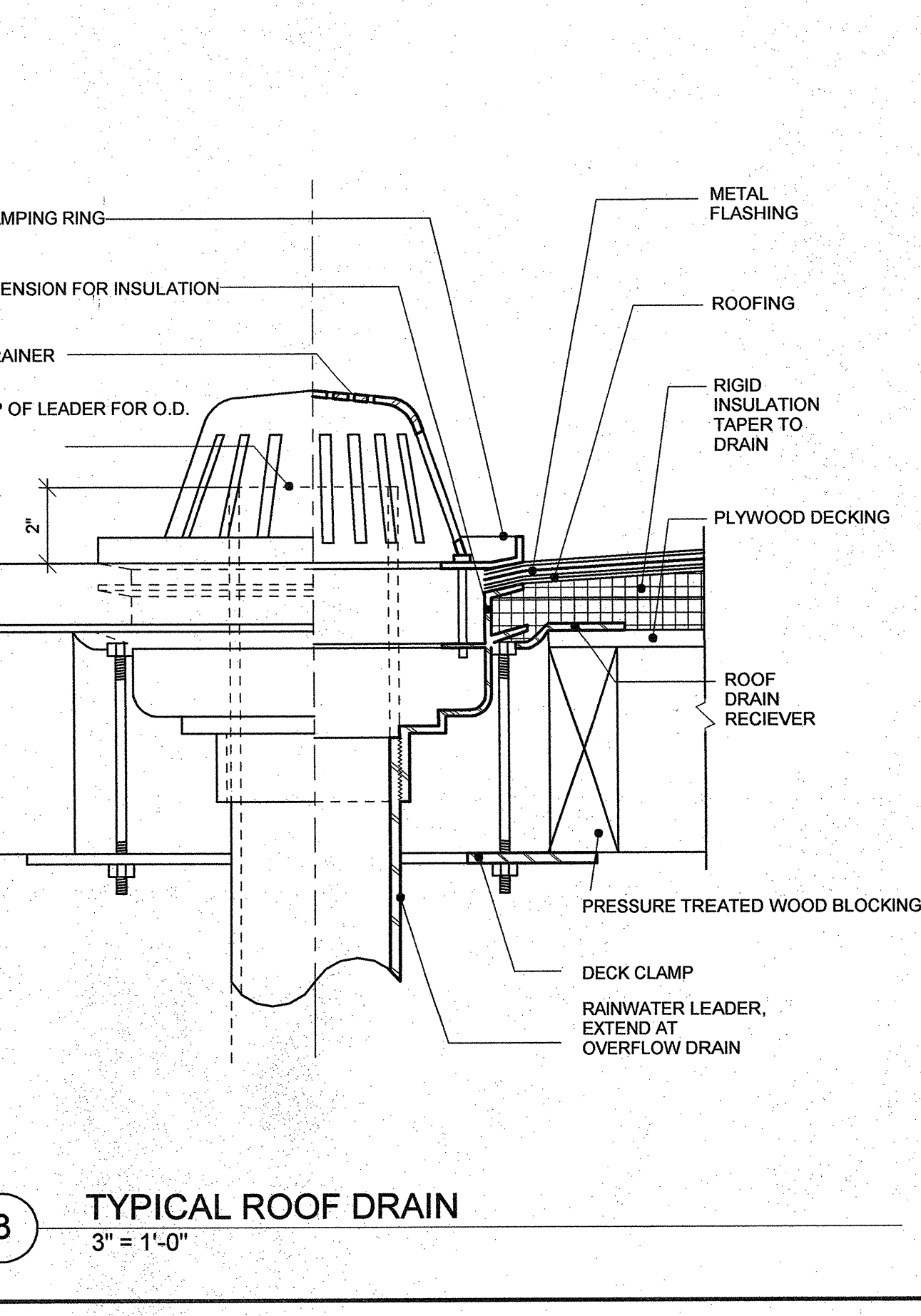
12 EXPANSION JOINT COVER ROOF
3" = 1'-0"



9 BASE OF CEM. PLAS. WALL AT ROOF
3" = 1'-0"



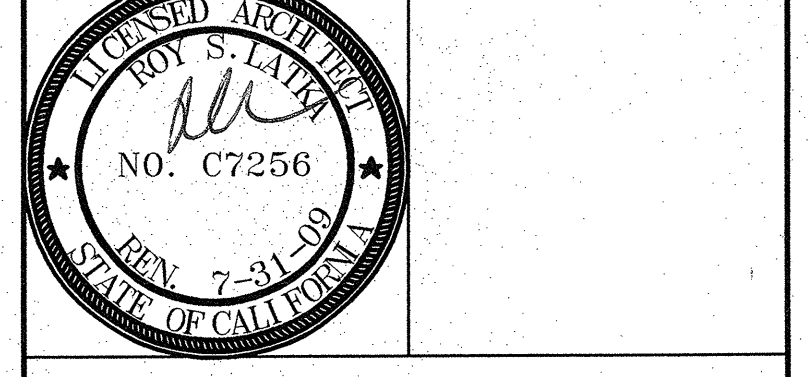
6 PARAPET CAP
3" = 1'-0"



3 TYPICAL ROOF DRAIN
3" = 1'-0"

FILE NO. 48-C1
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DIVISION OF THE STATE ARCHITECT
APPL 02-109231
DATE: 3-5-2008

NO.	DSA PERMIT	02/20/08
REVISION	DATE	

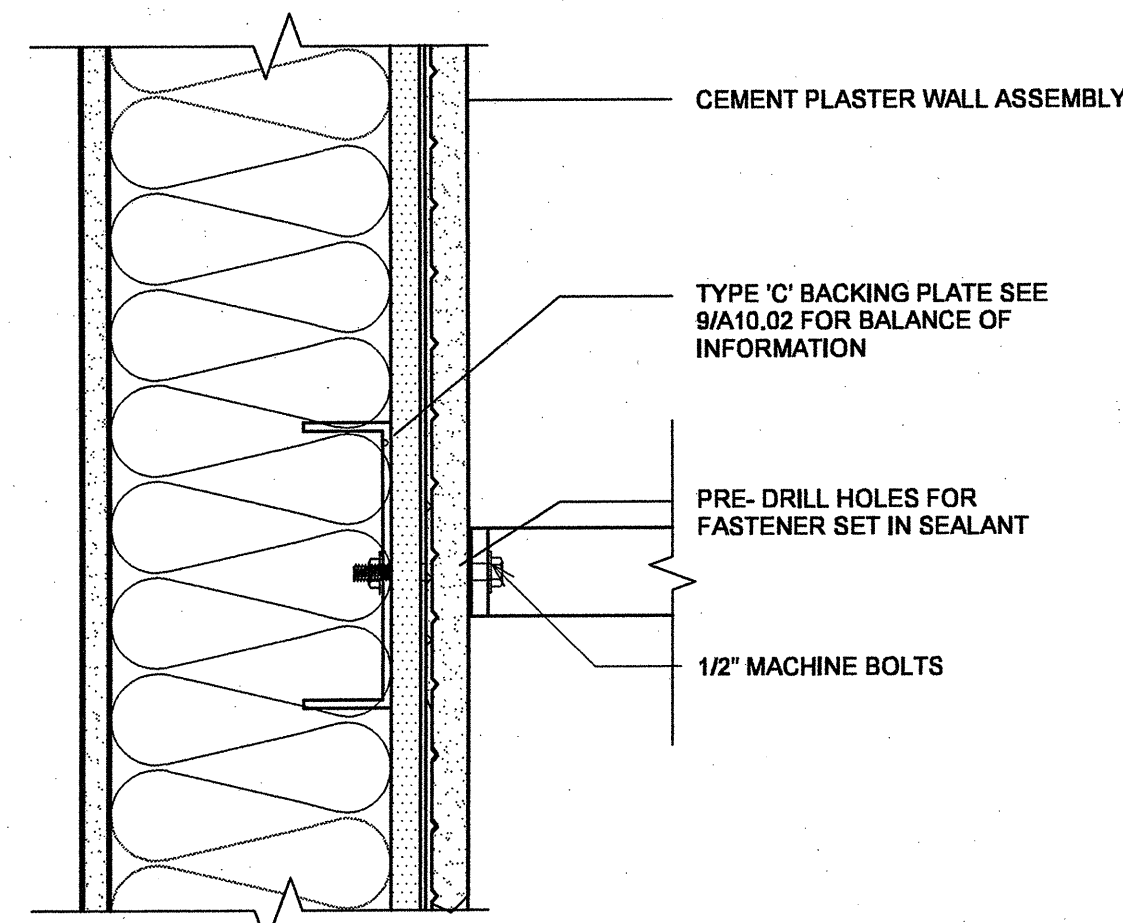


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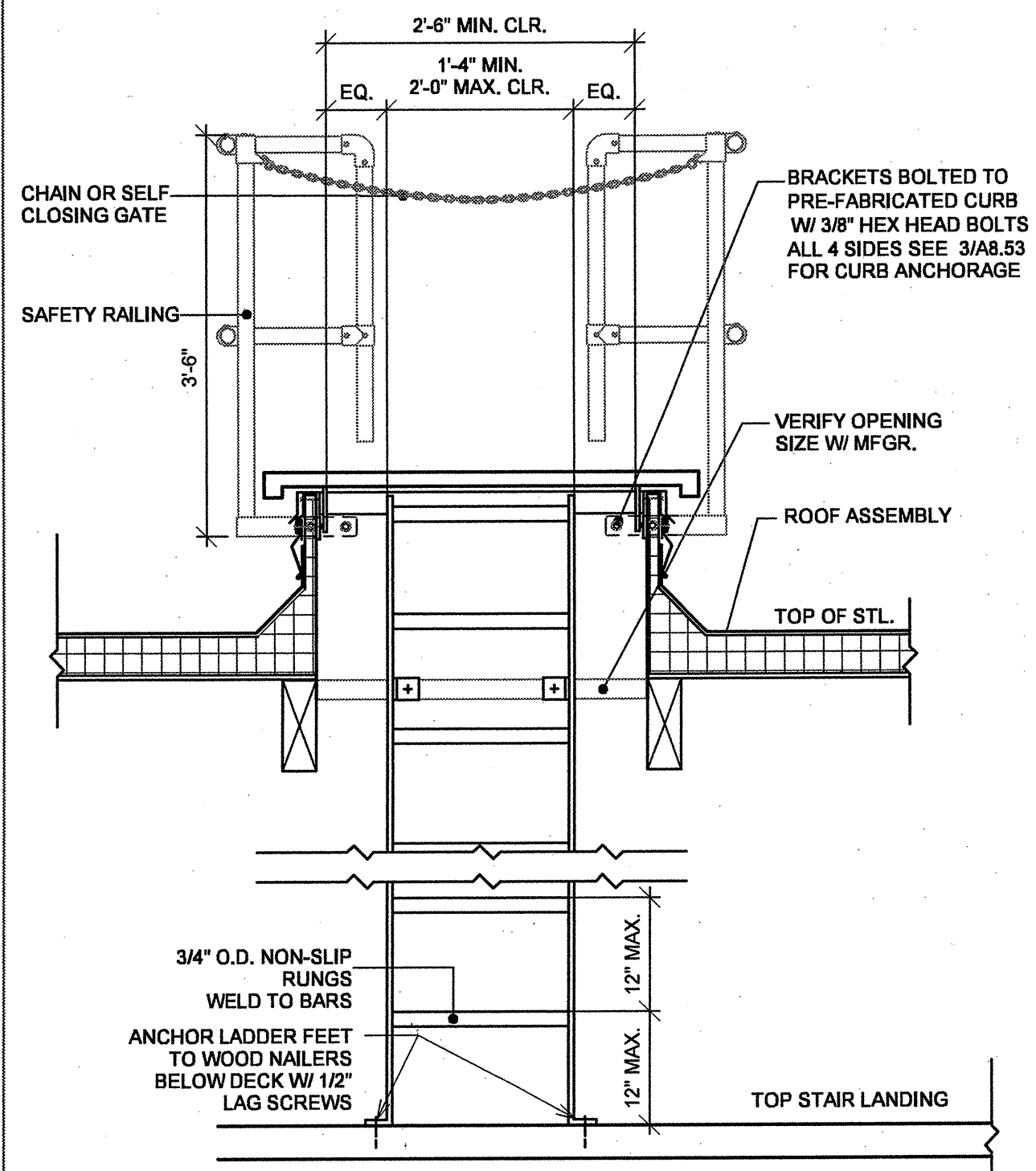


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VACAVILLE CENTER

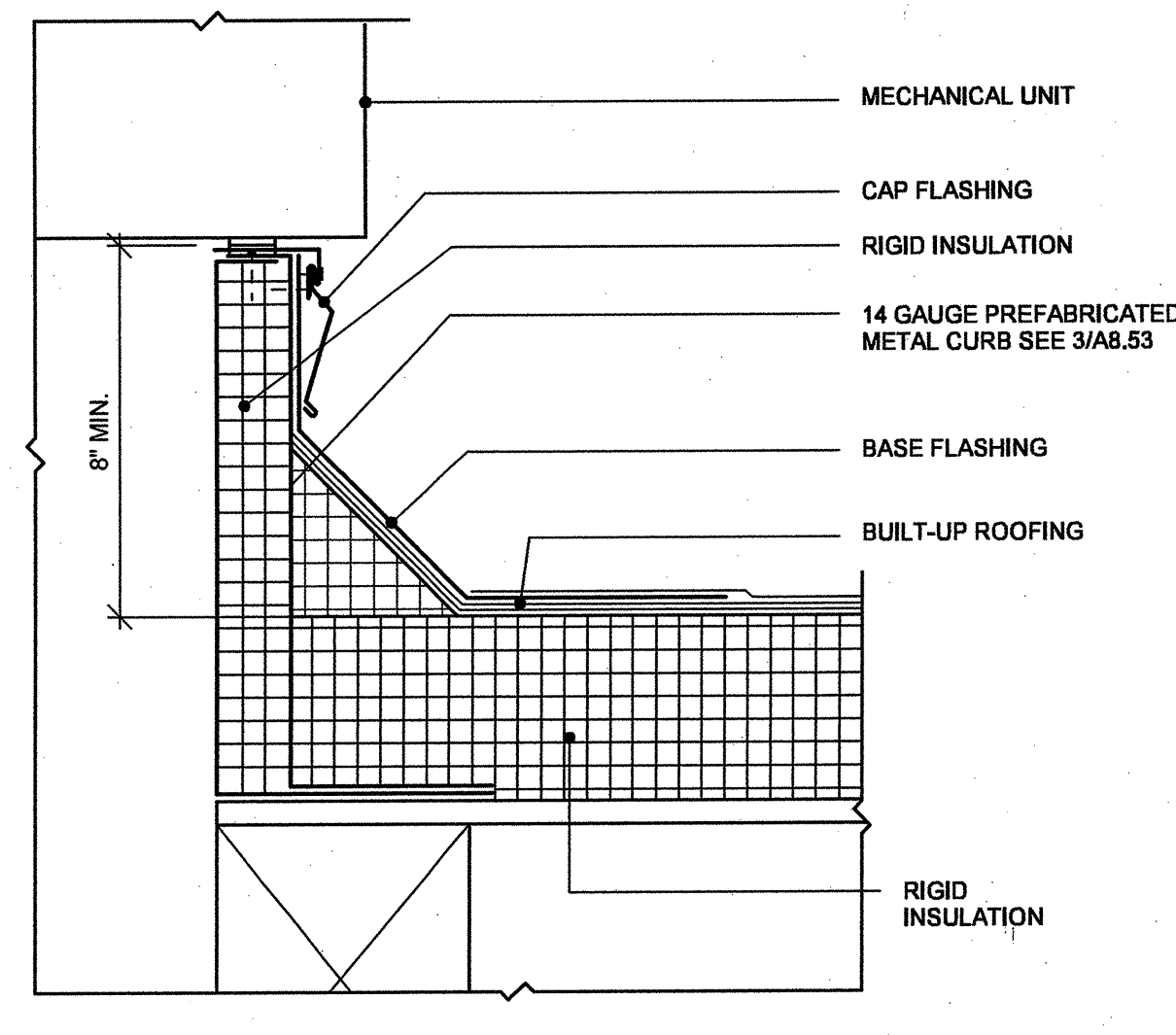
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NUMBER	A8.51



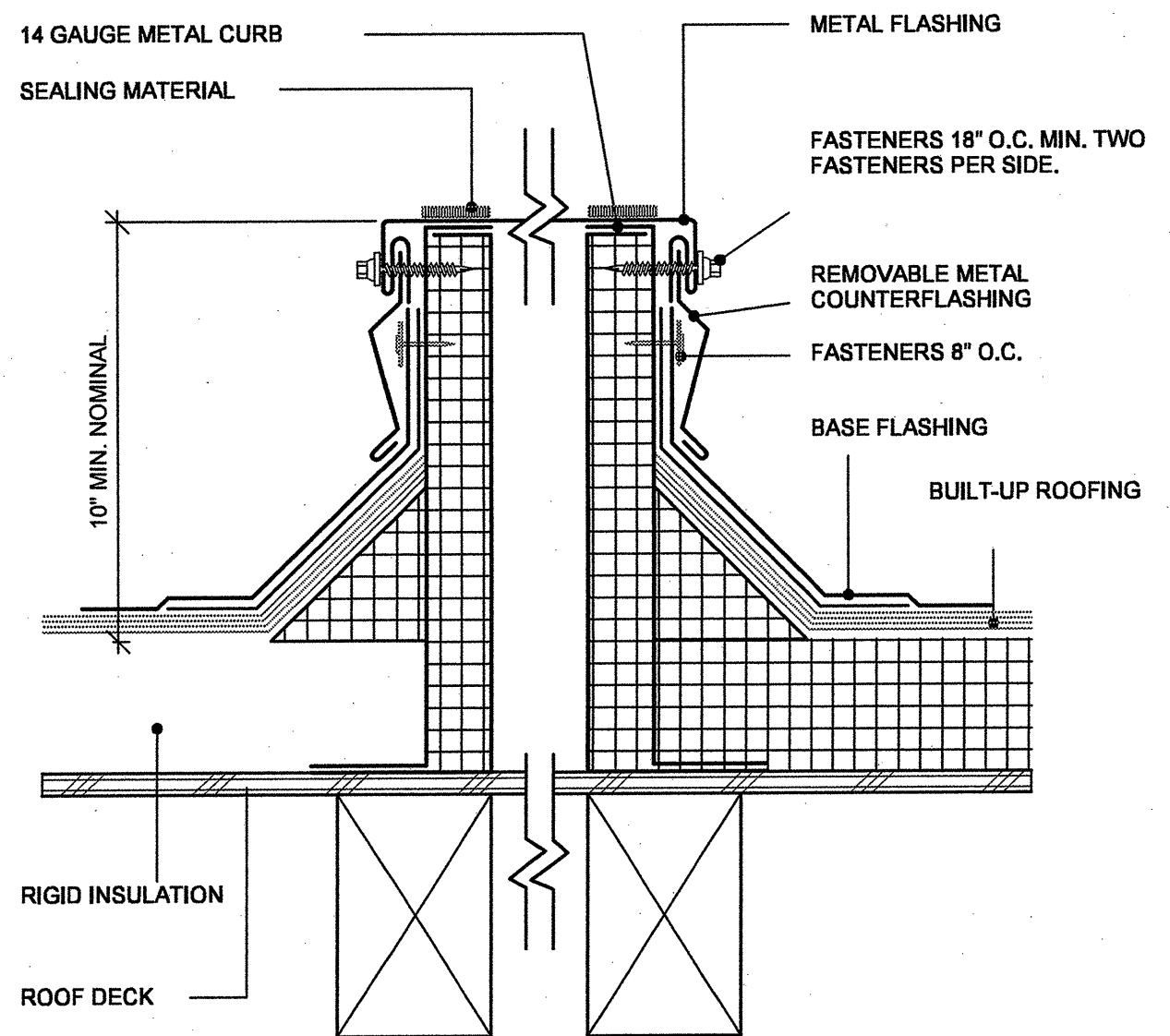
8 ROOF LADDER AT WALL ANCHOR
3" = 1'-0"



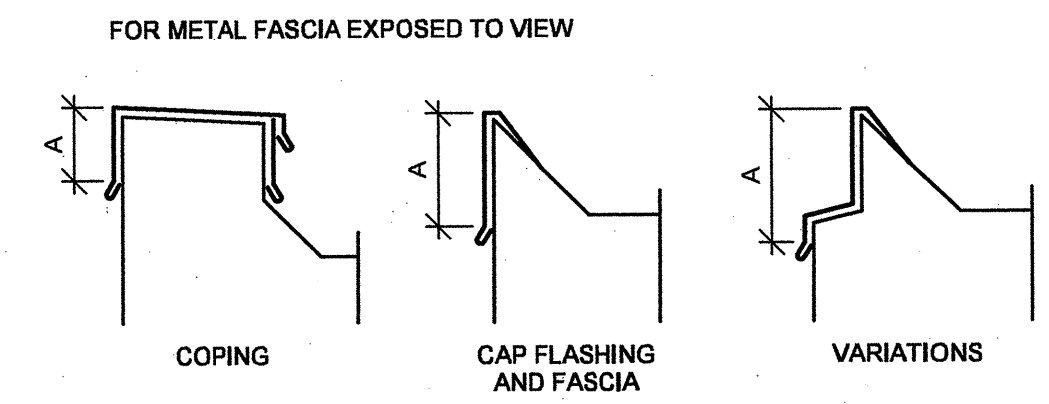
10 ROOF HATCH/SAFETY RAILING
3/4" = 1'-0"



7 MECHANICAL UNIT CURB
3" = 1'-0"



4 RAISED PREFABRICATED METAL CURB DETAIL
3" = 1'-0"

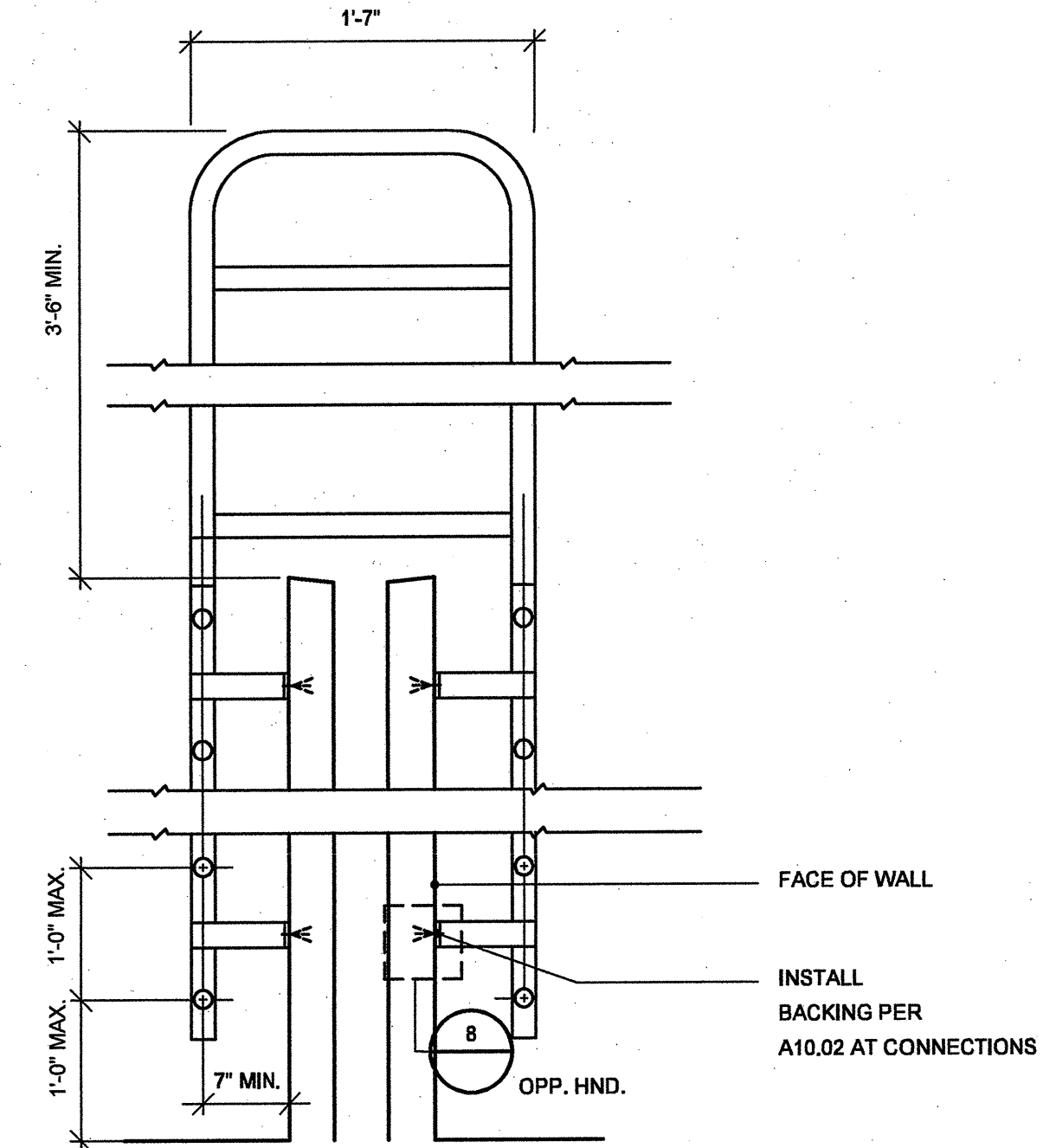


RECOMMENDED MINIMUM GAUGES FOR FASCIA SHOWN ABOVE

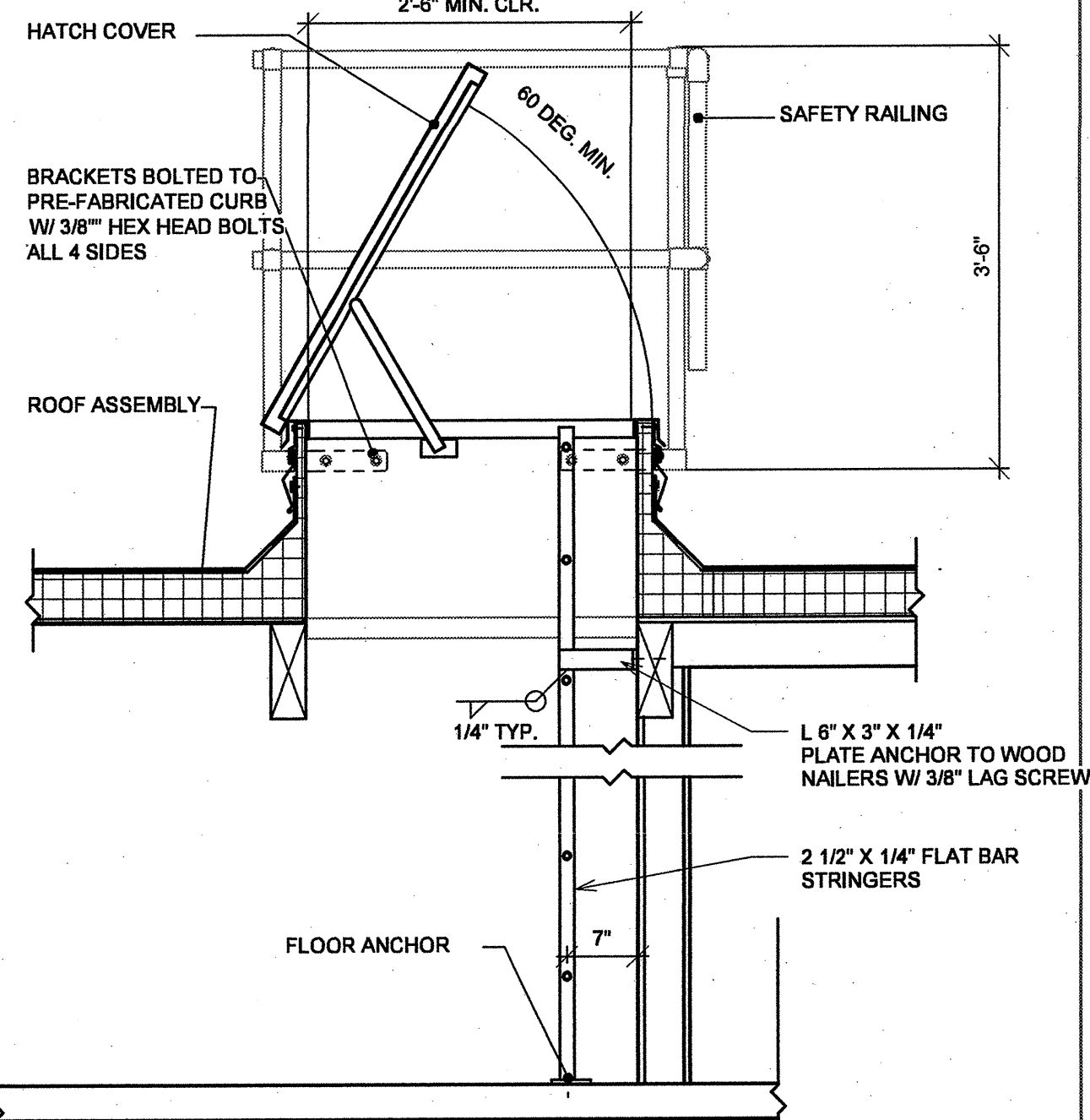
EXPOSED FACE W/O BRAKES "X" DIM.	CLEAT REQ'D	GALV. IRON	COLD ROLLED COPPER	ALUMINUM 3003-H14
UP TO 4"	NO	26 GA.	18 OZ.	.032" (20 GA.)
4" TO 6"	YES	26 GA.	18 OZ.	.040" (18 GA.)
6" TO 8"	YES	24 GA.	18 OZ.	.050" (16 GA.)
8" TO 10"	YES	22 GA.	20 OZ.	.064" (14 GA.)
10" TO 15"	YES	20 GA.	ADD BRAKES TO STIFFEN	.080" (12 GA.)

NOTE: WHEN USING THE ABOVE TABLE, OTHER ITEMS SHOULD BE CONSIDERED, SUCH AS FASTENING PATTERN. FOR INSTANCE, IF THE METAL CAN ONLY BE FASTENED AT 10 FOOT INTERVALS, A HEAVIER GAUGE METAL WOULD BE REQUIRED. ALL CLEATS SHALL BE CONTINUOUS AND OF SAME MATERIAL OF EQUAL OR GREATER THICKNESS THAN THE FASCIA METAL USED.

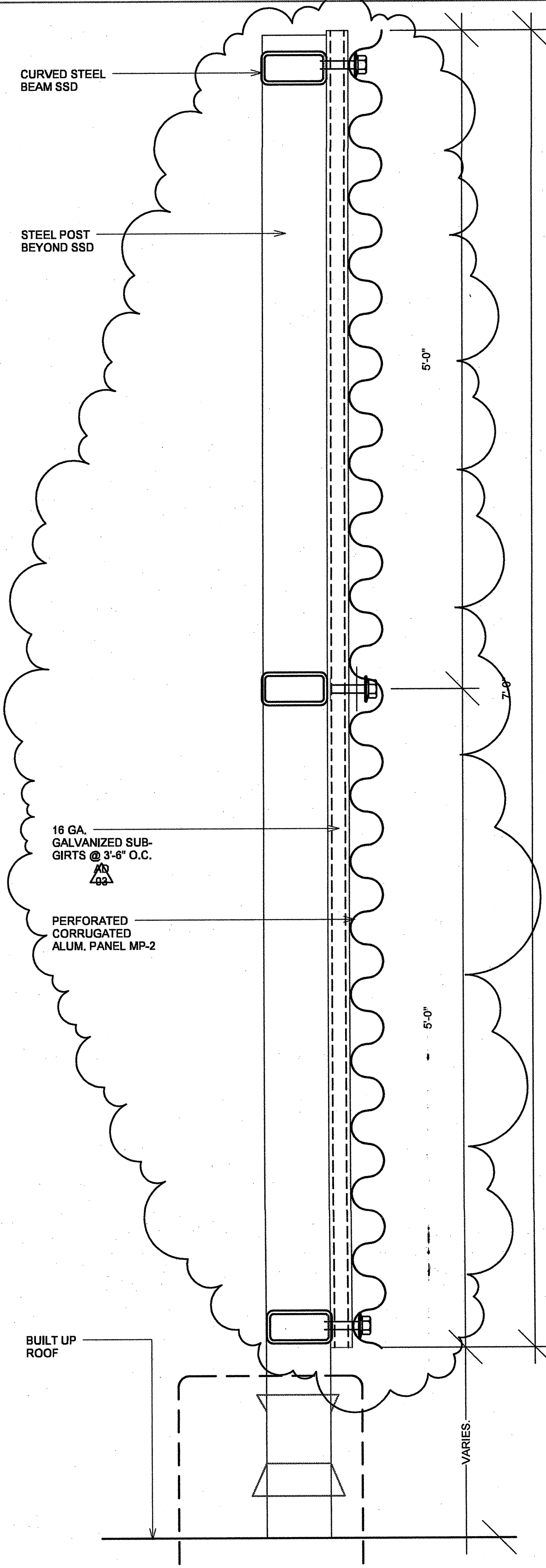
1 GAUGE OR THICKNESS GUIDE
3" = 1'-0"



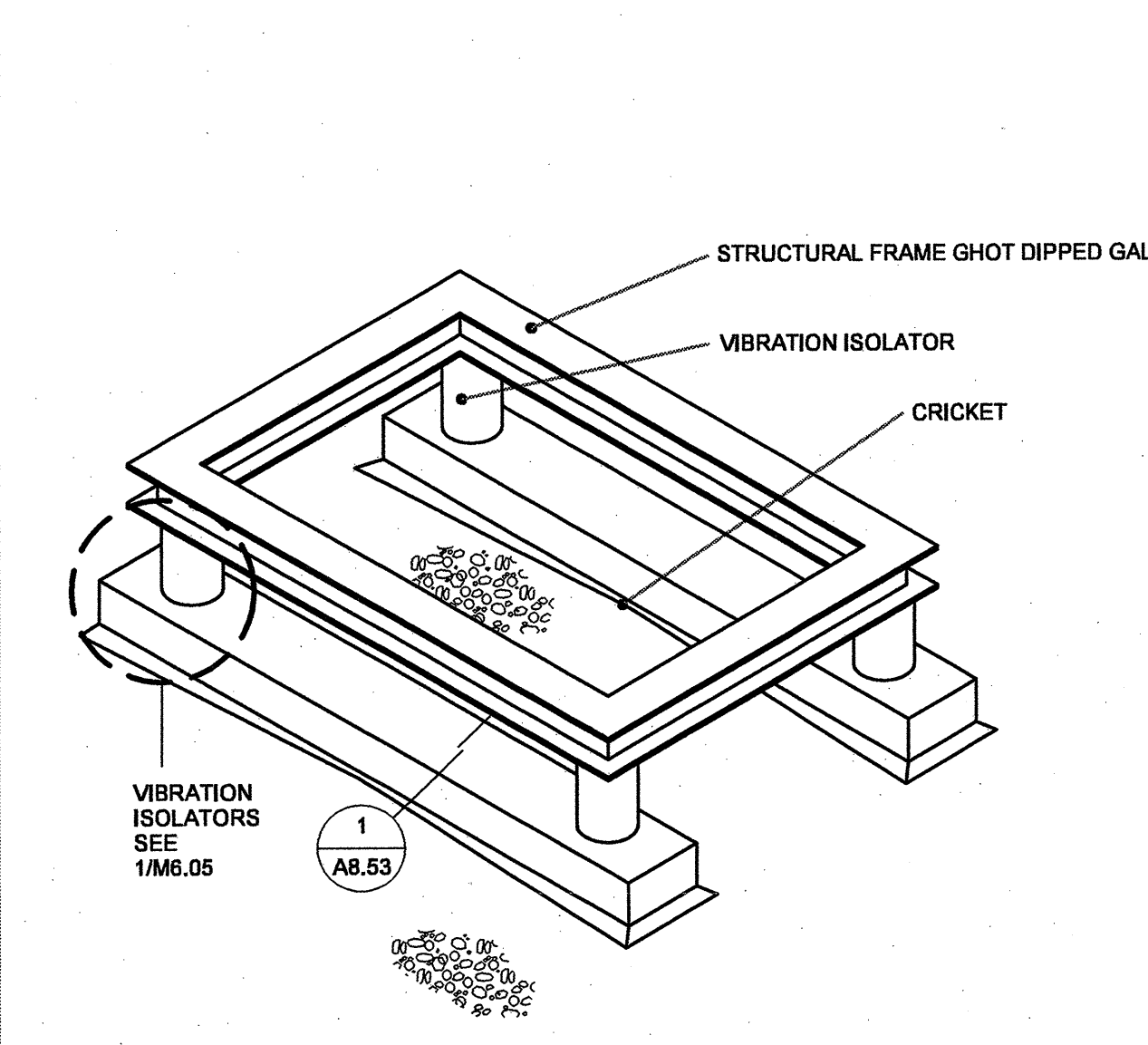
13 ROOF LADDER SIDE VIEW
1" = 1'-0"



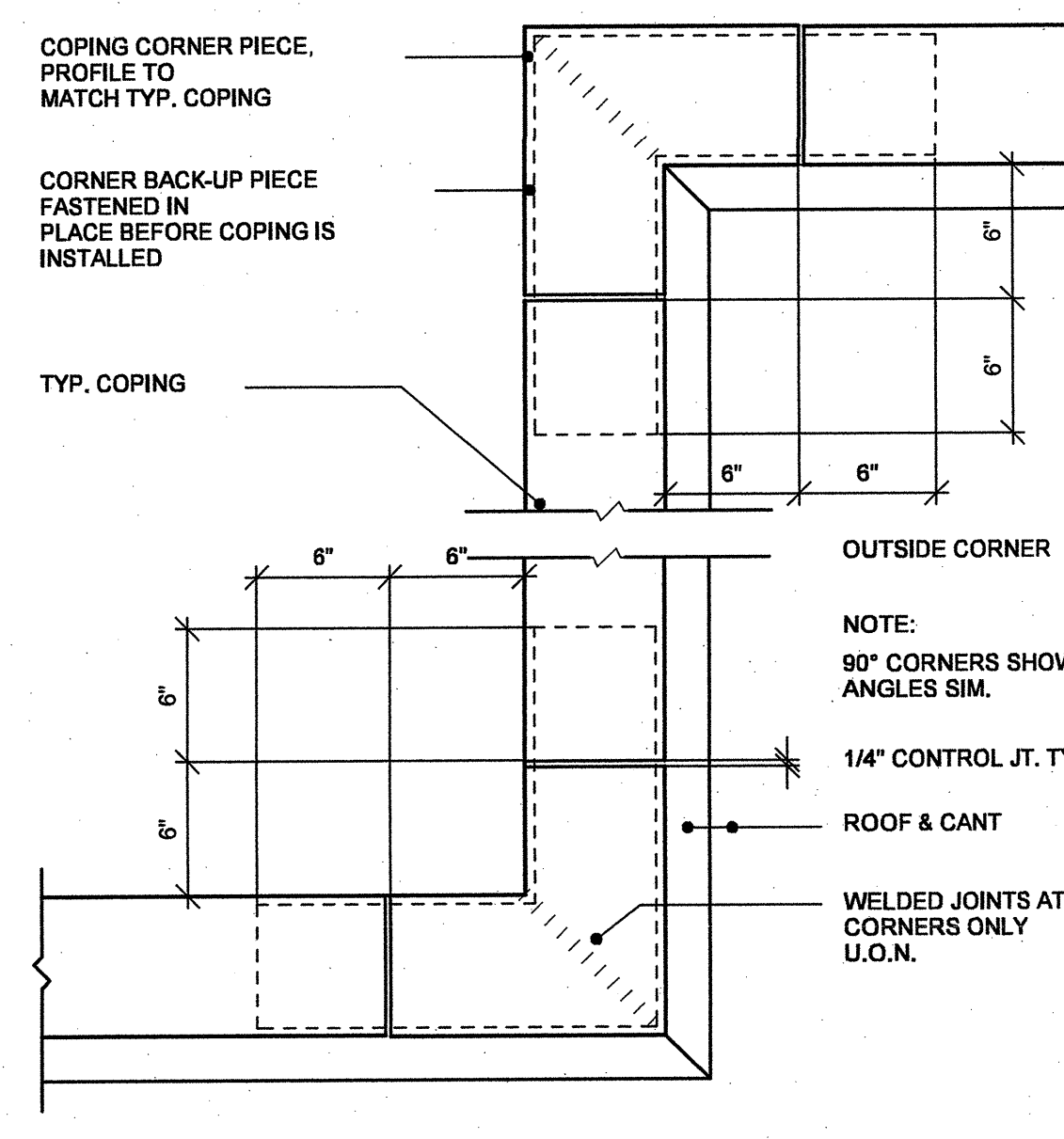
11 ROOF HATCH/SAFETY RAILING-SIDE VIEW
3/4" = 1'-0"



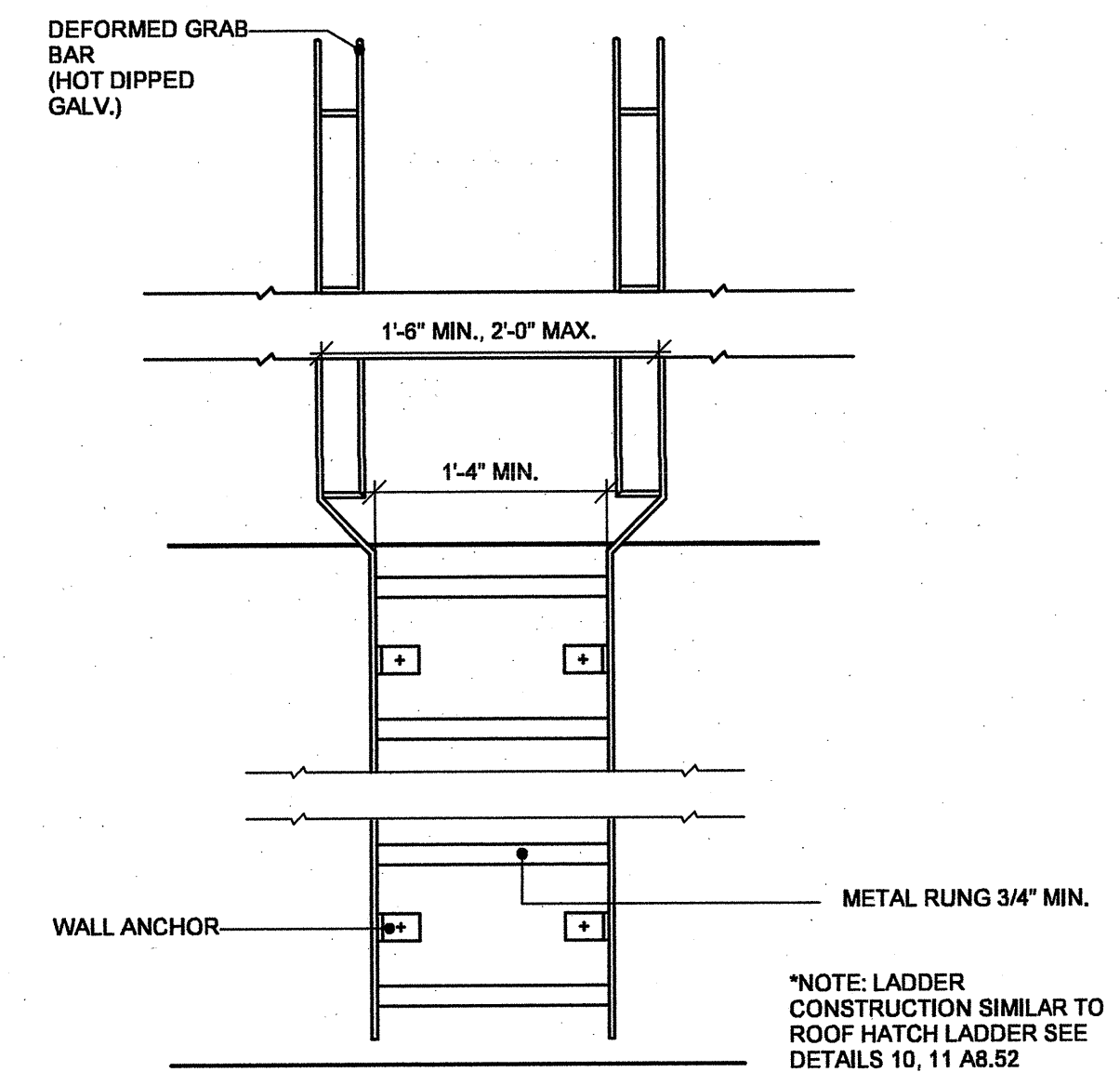
9 SECTION MECH ROOF SCREEN
1 1/2" = 1'-0"



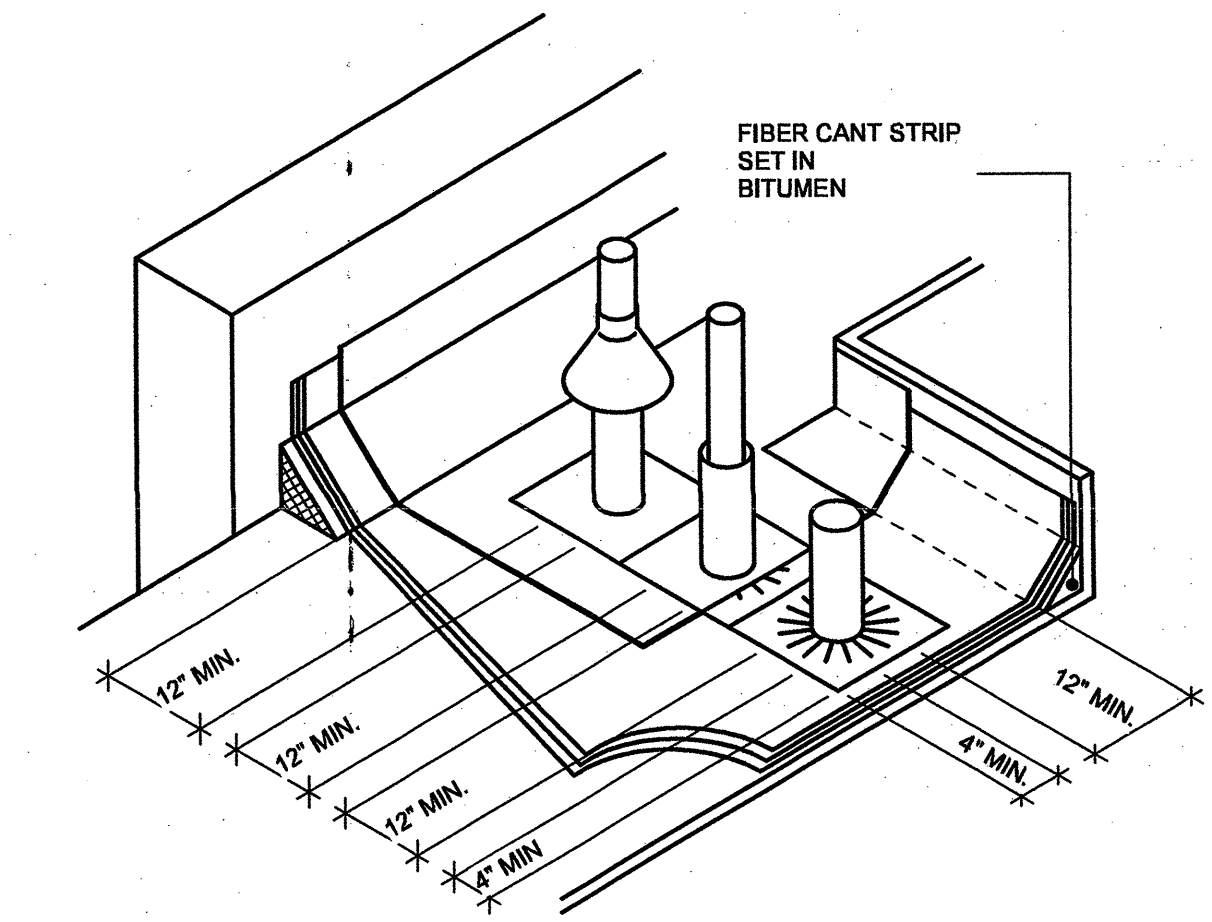
5 FLUID COOLING STAND
3" = 1'-0"



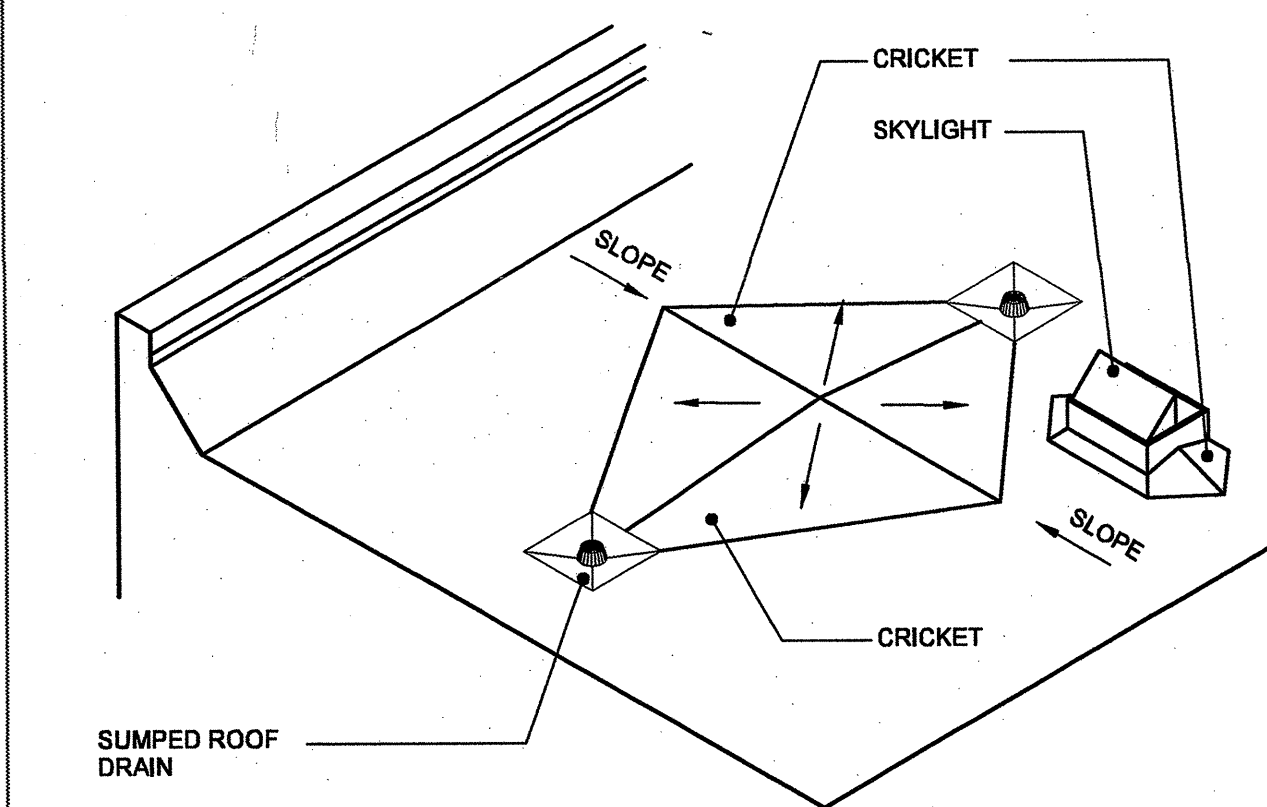
2 COPING AT CORNERS
1 1/2" = 1'-0"



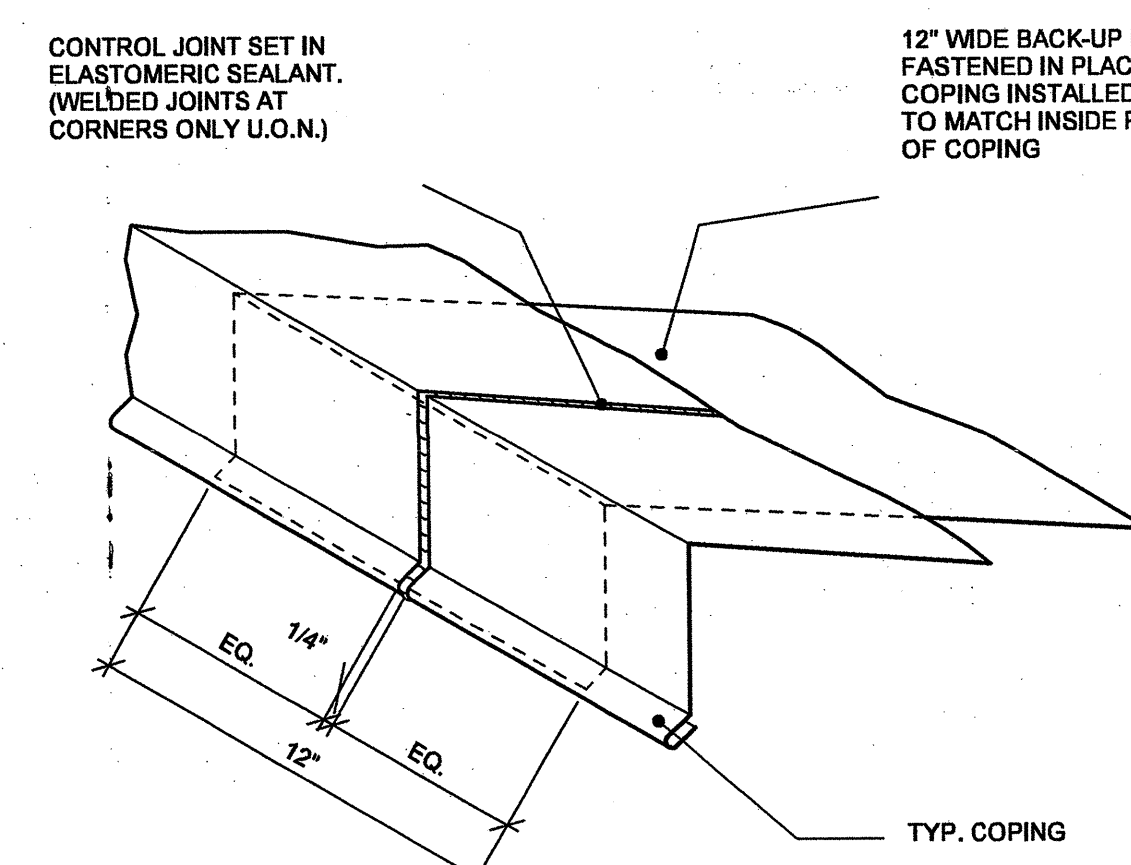
14 ROOF LADDER FRONT VIEW
1" = 1'-0"



12 MULTIPLE PIPE CLEARANCES DIAGRAM
3" = 1'-0"



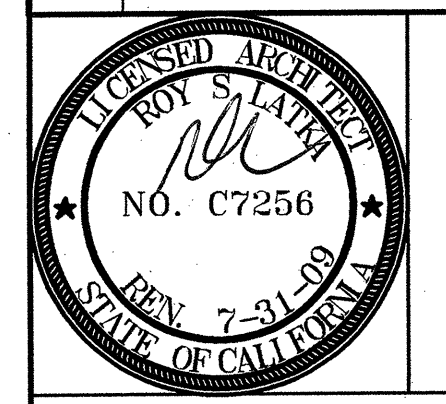
6 CRICKETS DIAGRAM
3" = 1'-0"



3 COPING CONTROL JOINT
3" = 1'-0"

FILE NO. 48-C
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AC: FIS SS
DATE:

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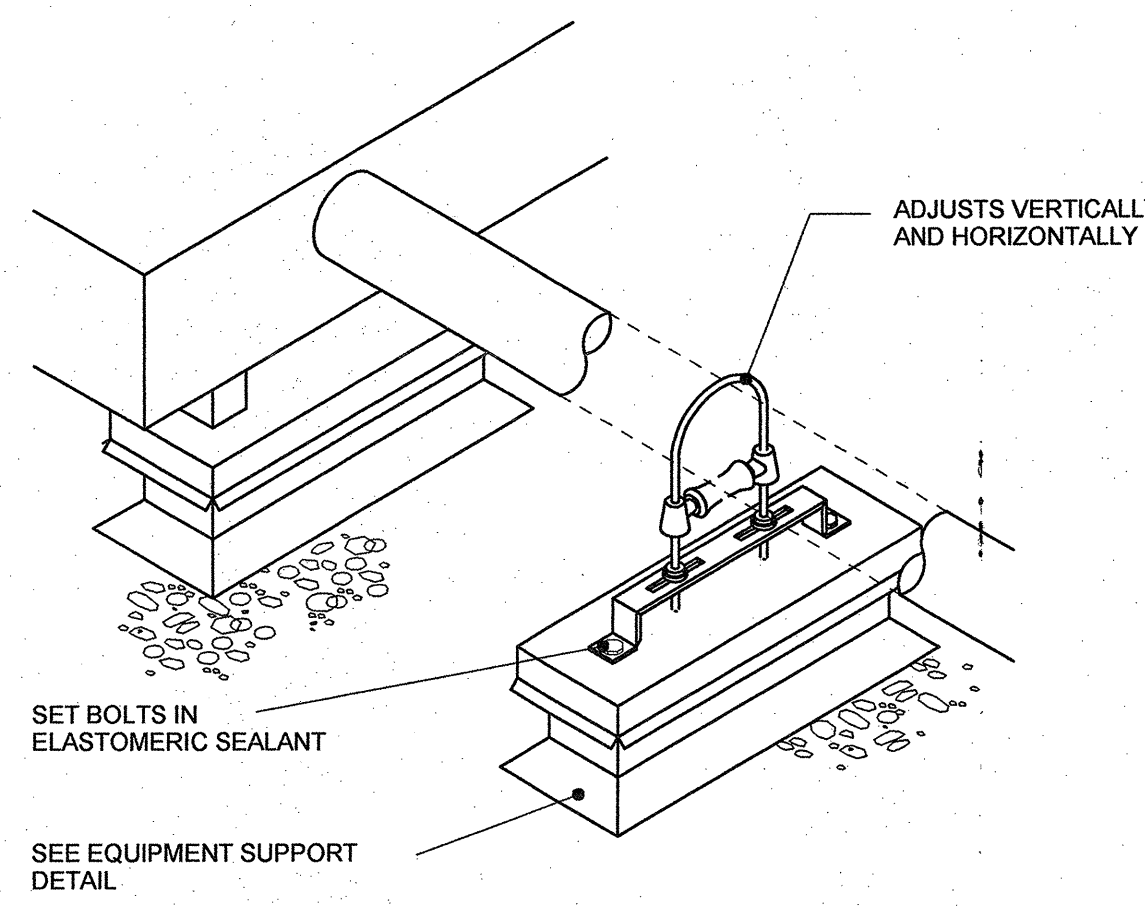


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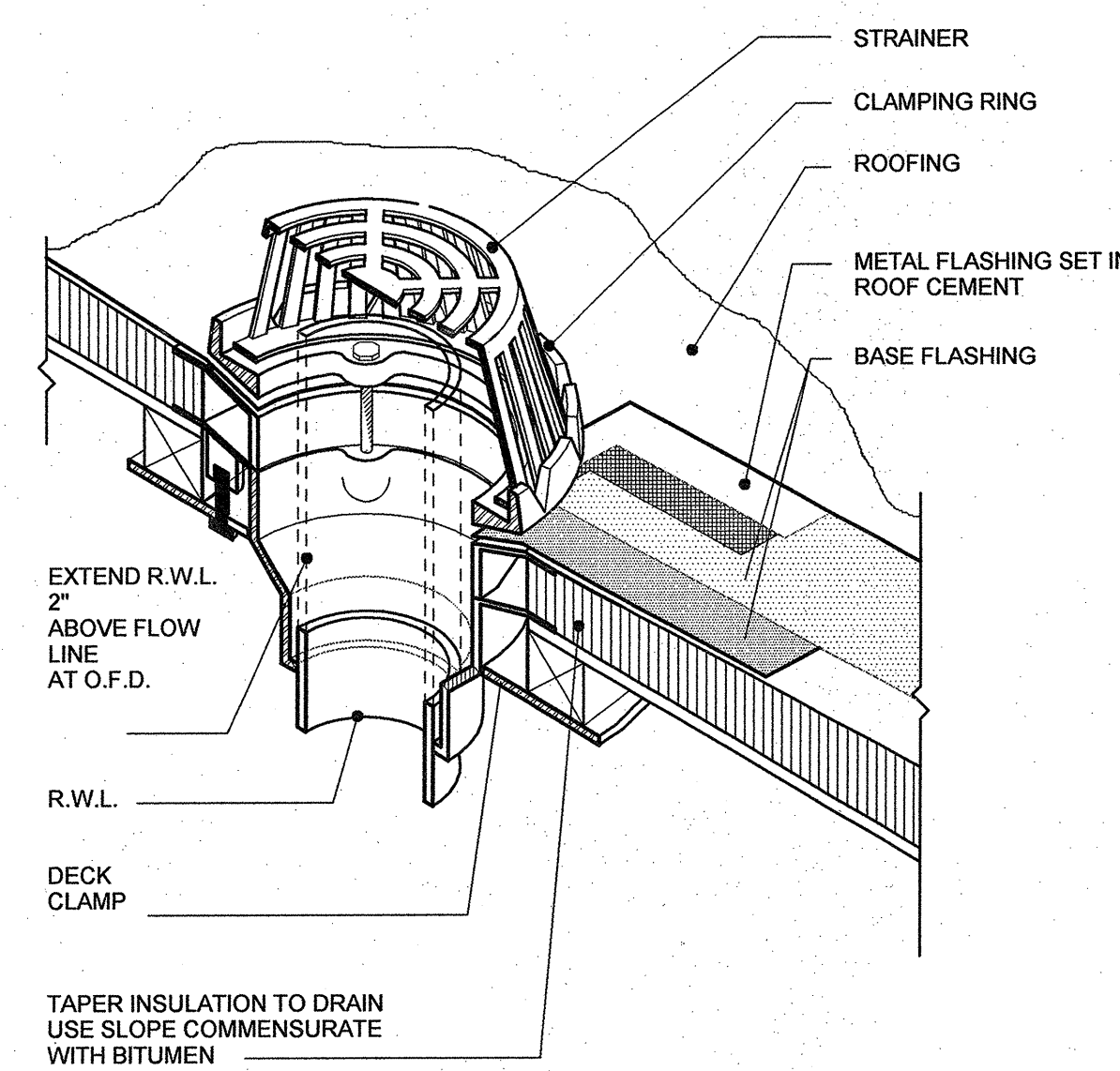


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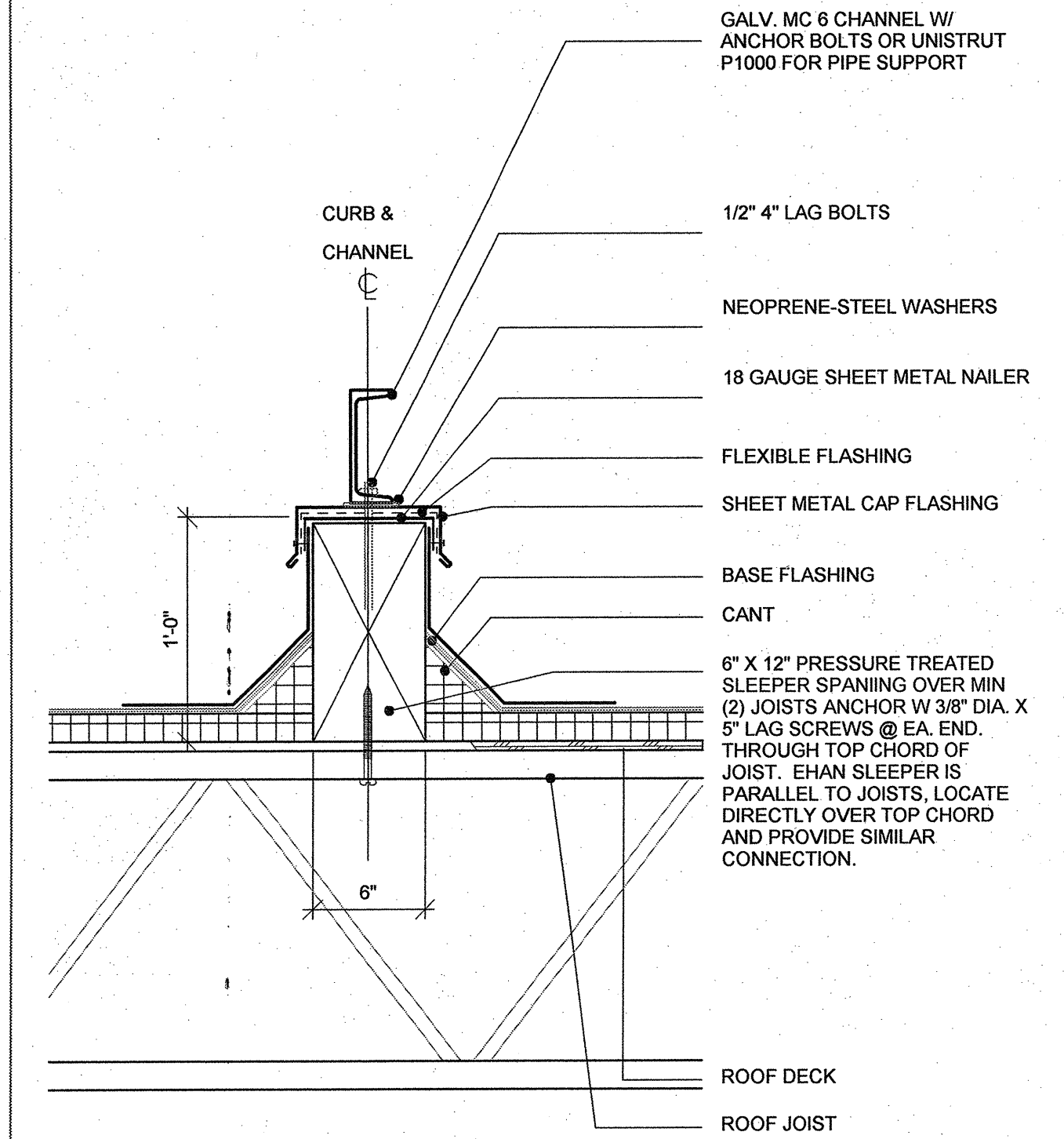
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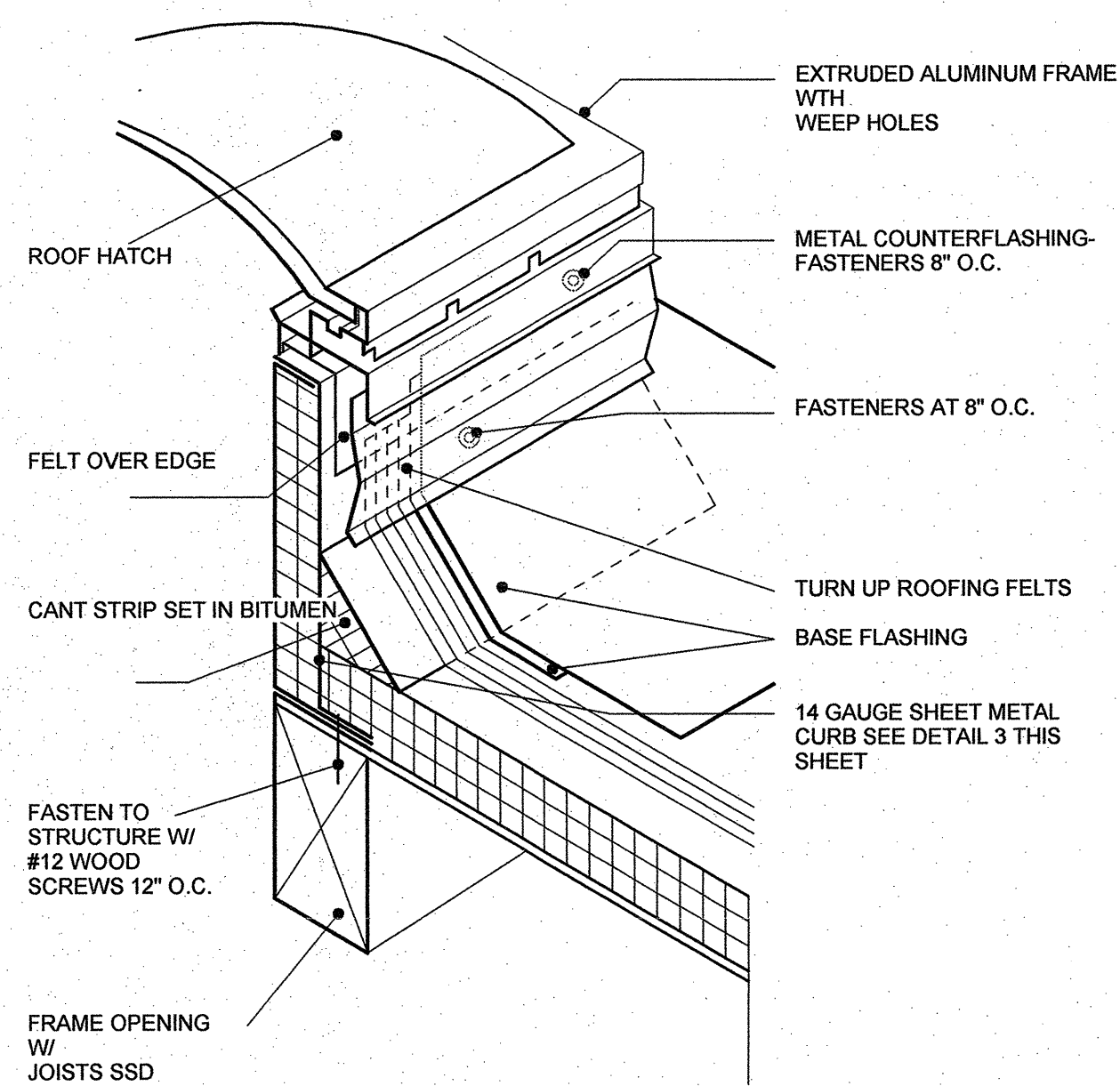
7 PIPE ROLLER SUPPORT
3" = 1'-0"



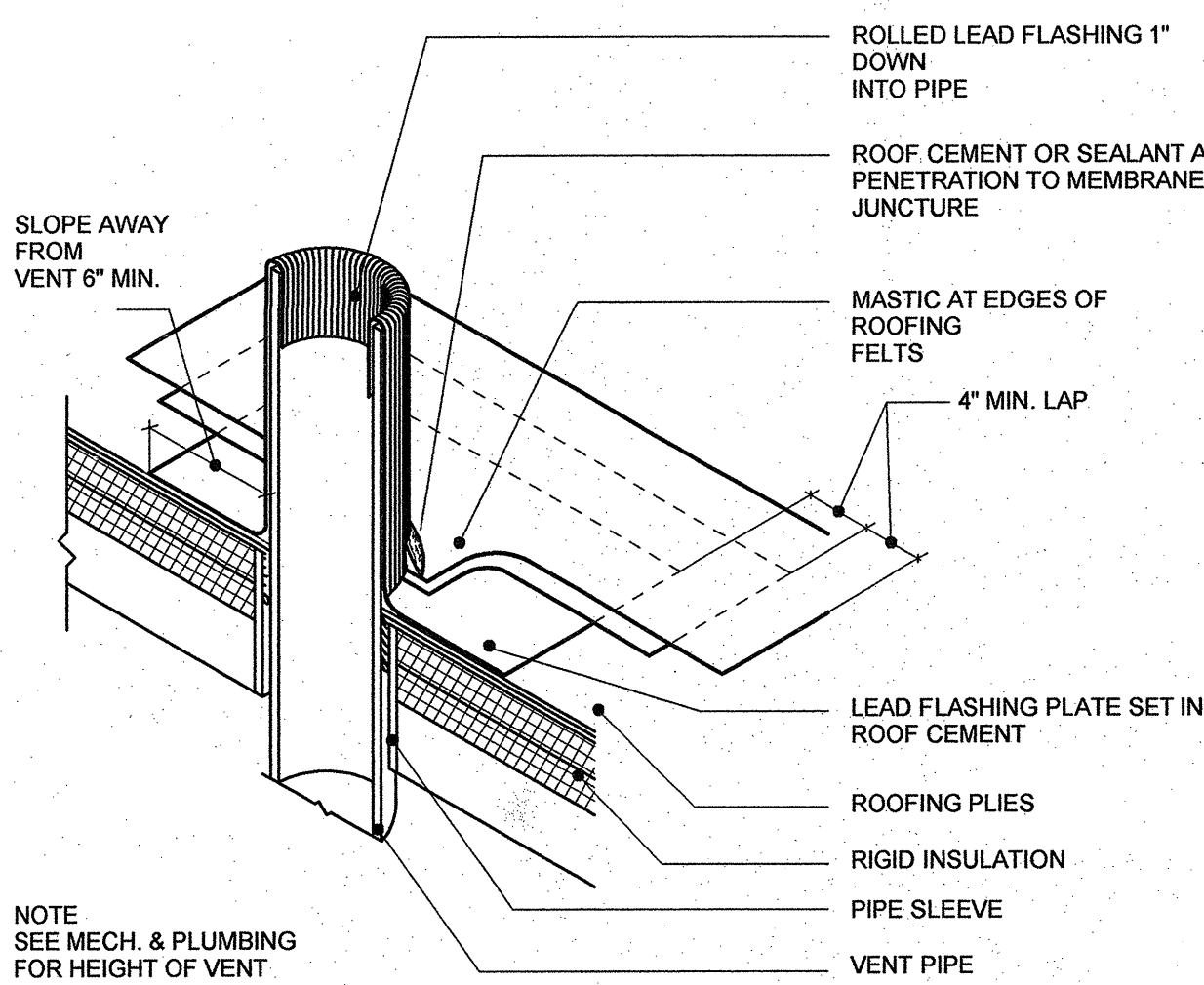
4 ROOF DRAIN
3" = 1'-0"



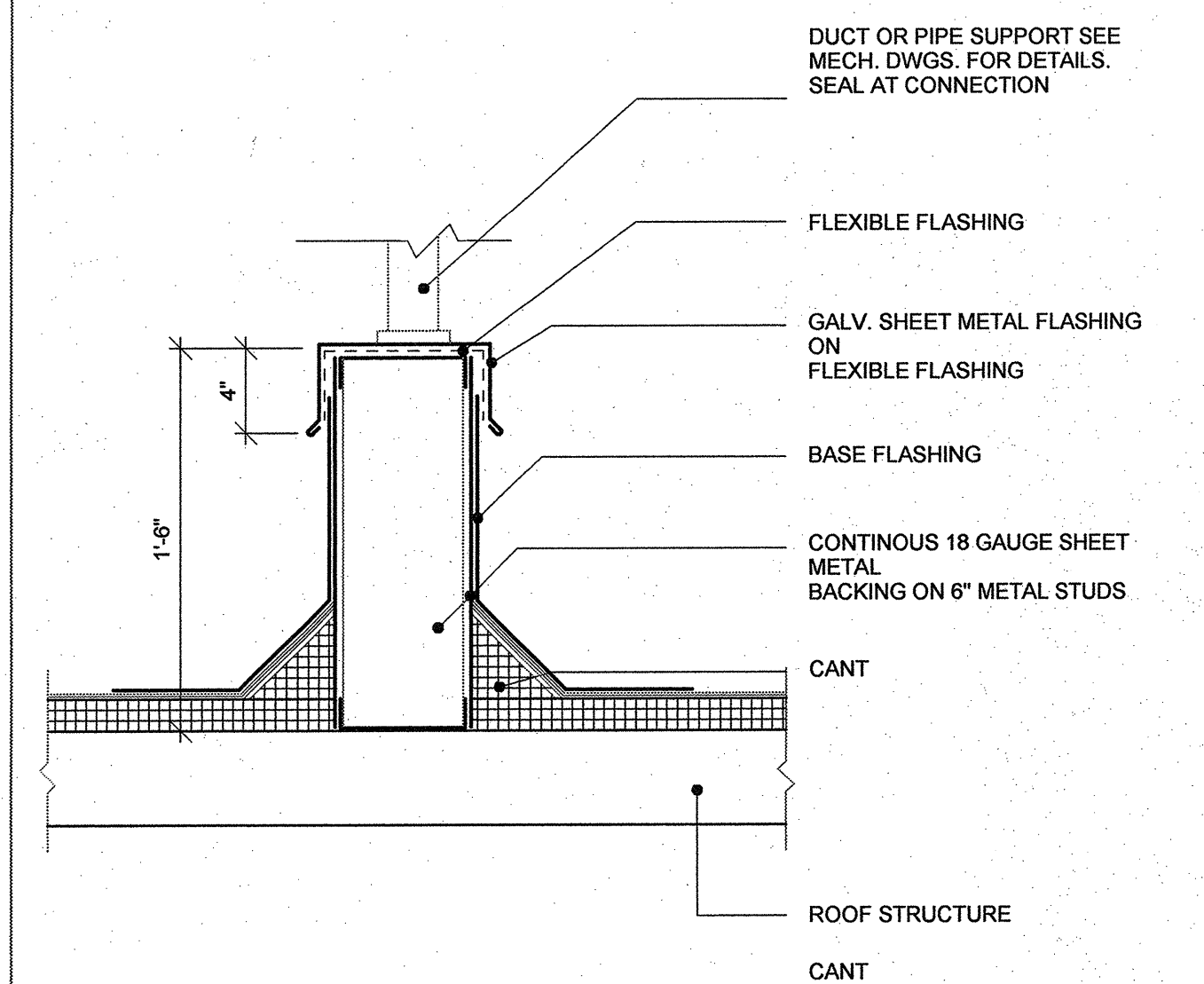
1 MECH. DUCT, PIPE & LADDER SUPPORT
1 1/2" = 1'-0"



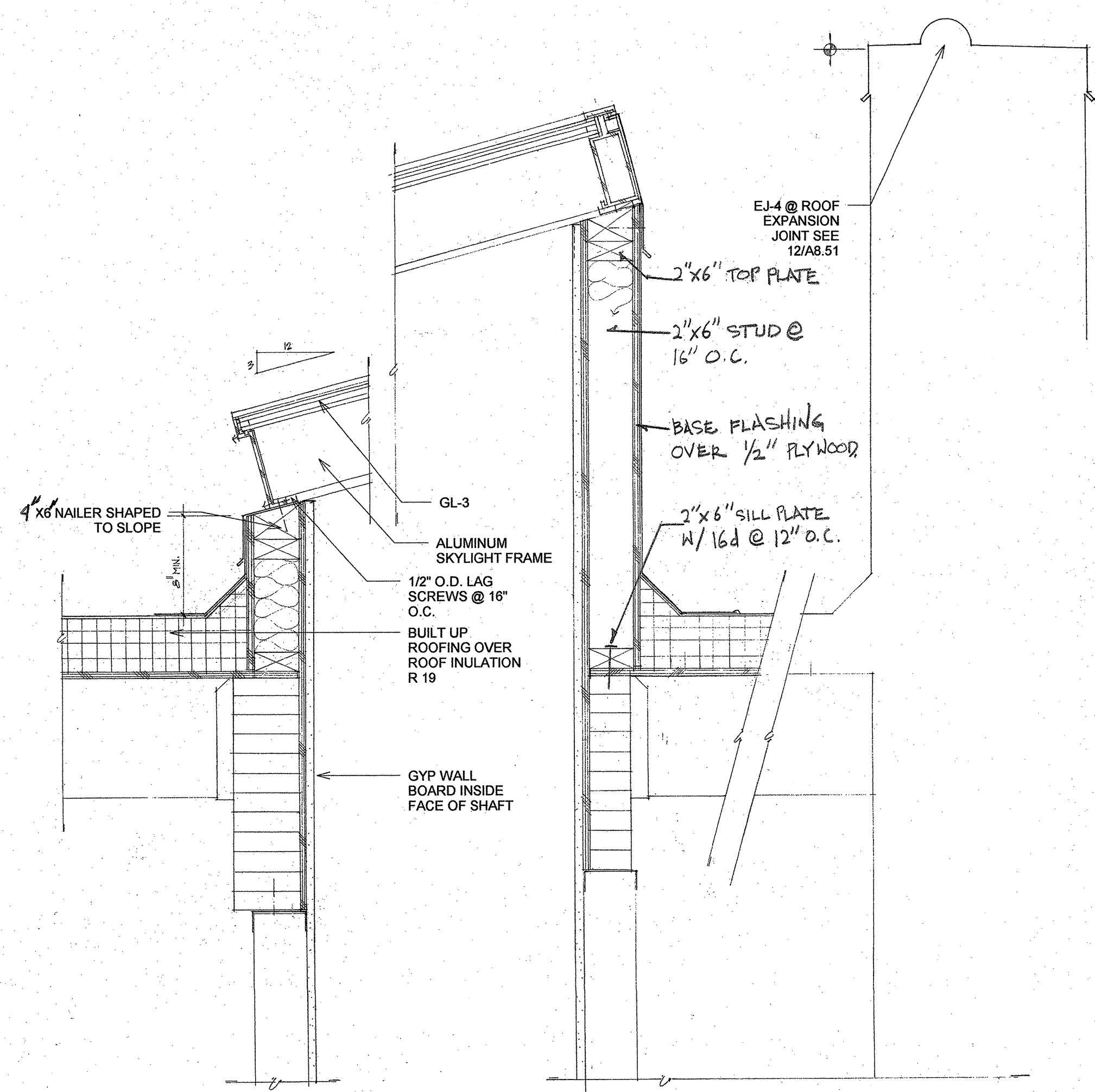
8 ROOF HATCH WATERPROOFING DIAGRAM
3" = 1'-0"



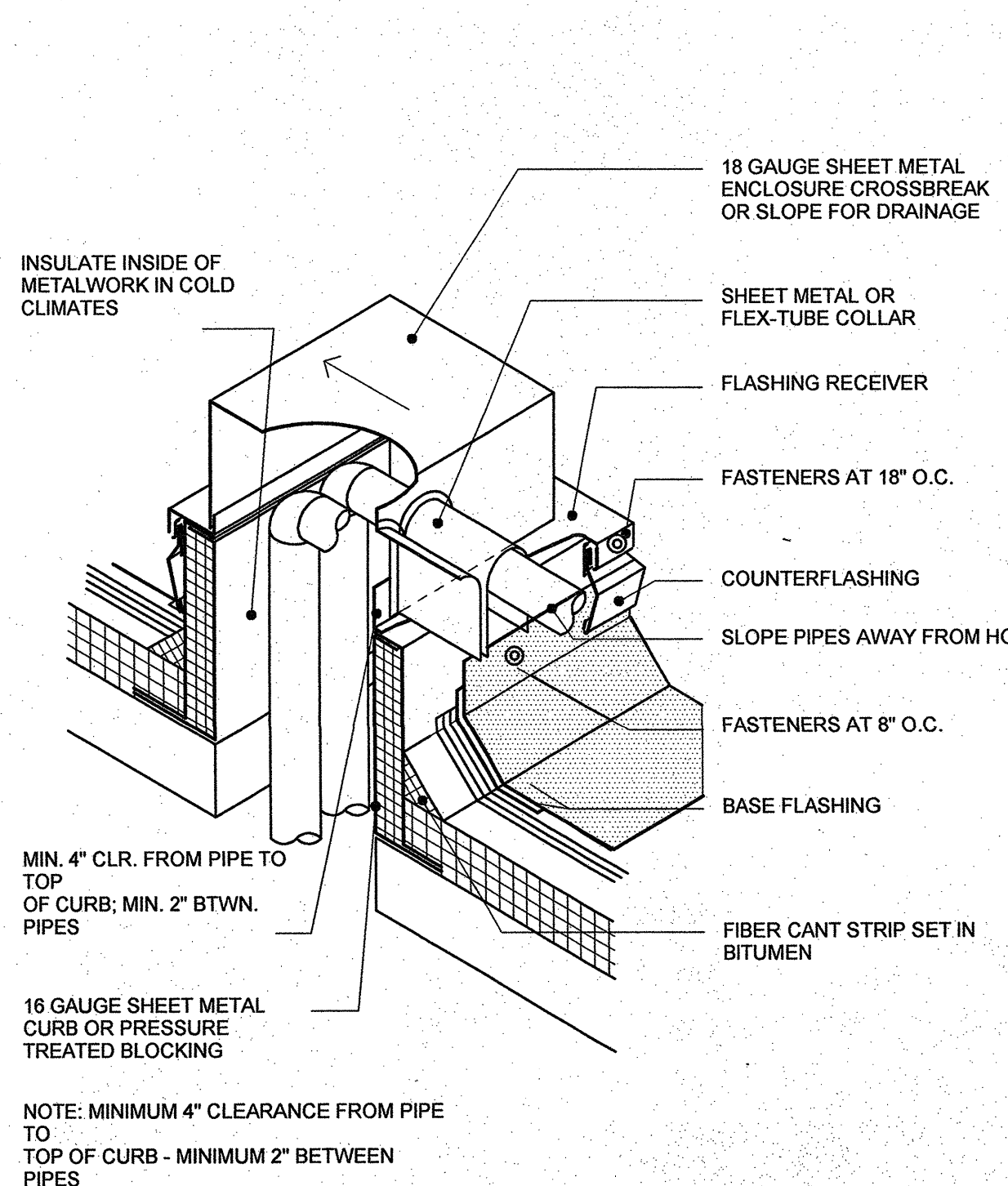
5 TYPICAL ROOF PENETRATION
3" = 1'-0"



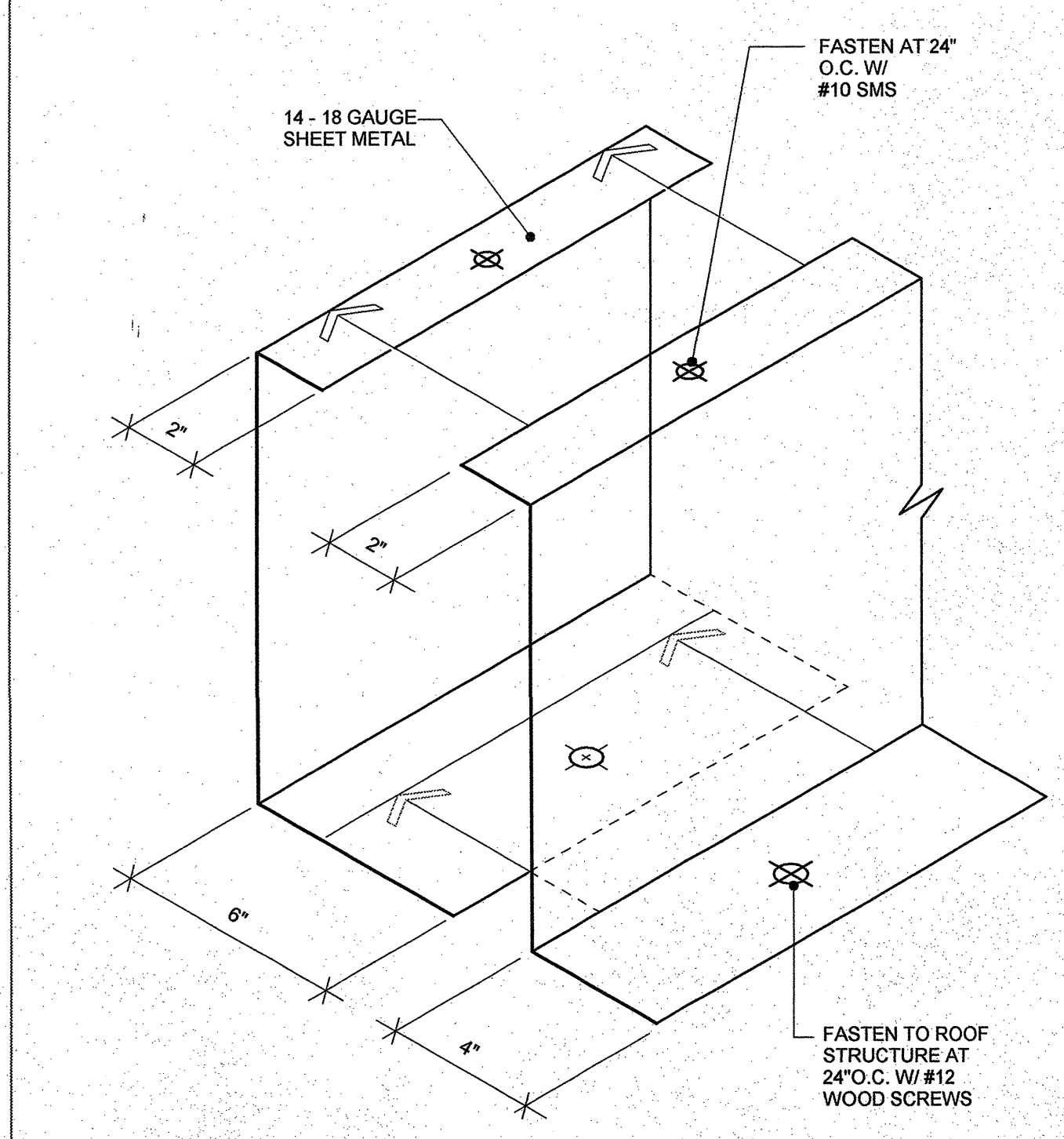
2 MECH. DUCT & PIPE SUPPORT AT DECK OPTION
1 1/2" = 1'-0"



9 SECTION DETAIL SKYLIGHT
1 1/2" = 1'-0"



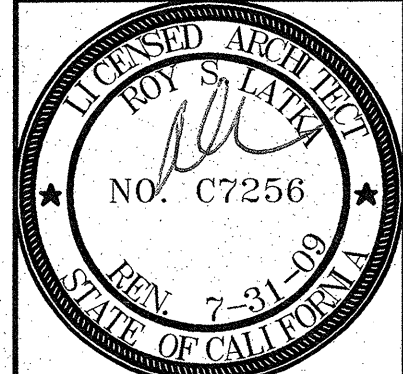
6 PIPING THROUGH ROOF DECK
3" = 1'-0"



3 FORMED 14 - 18GA. METAL CURB
3" = 1'-0"

FILE NO. 48-C1
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL 02-109231
AC *AT* FILED *TH* SS *SS* *SS*
DATE: 3-5-2008

NO.	DSA PERMIT	02/20/08
REVISION		DATE

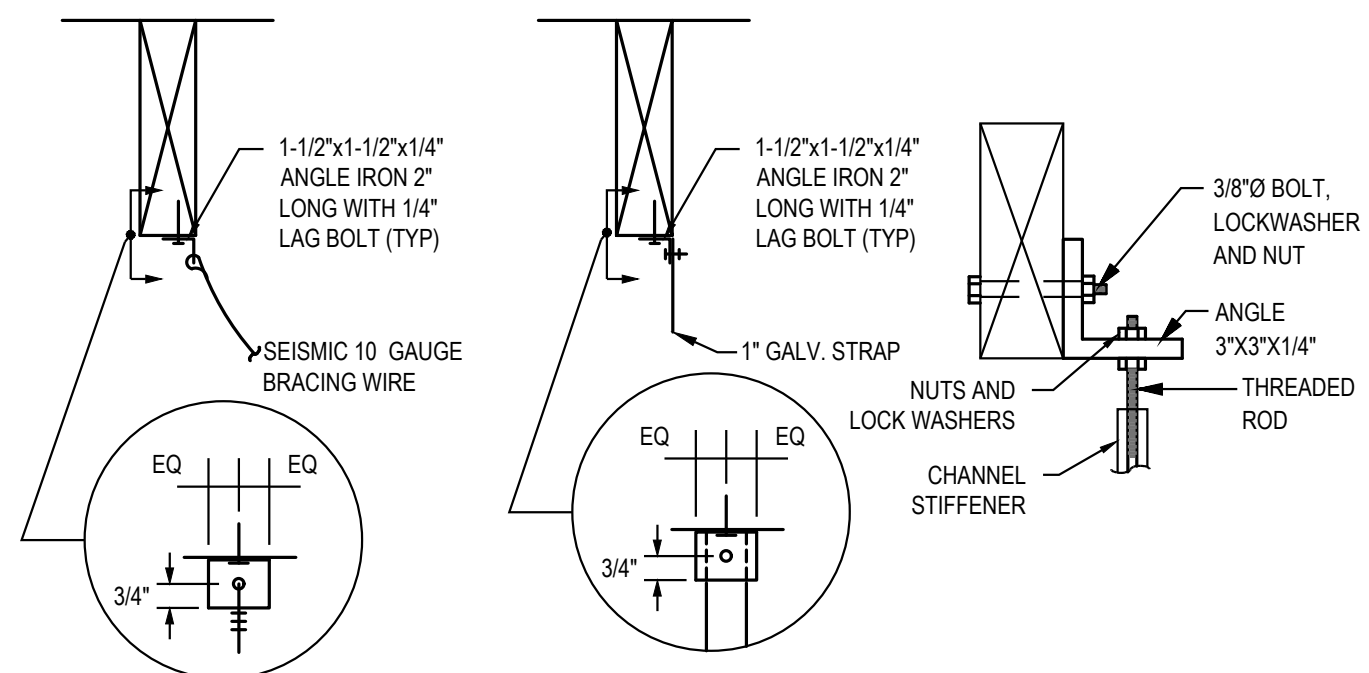


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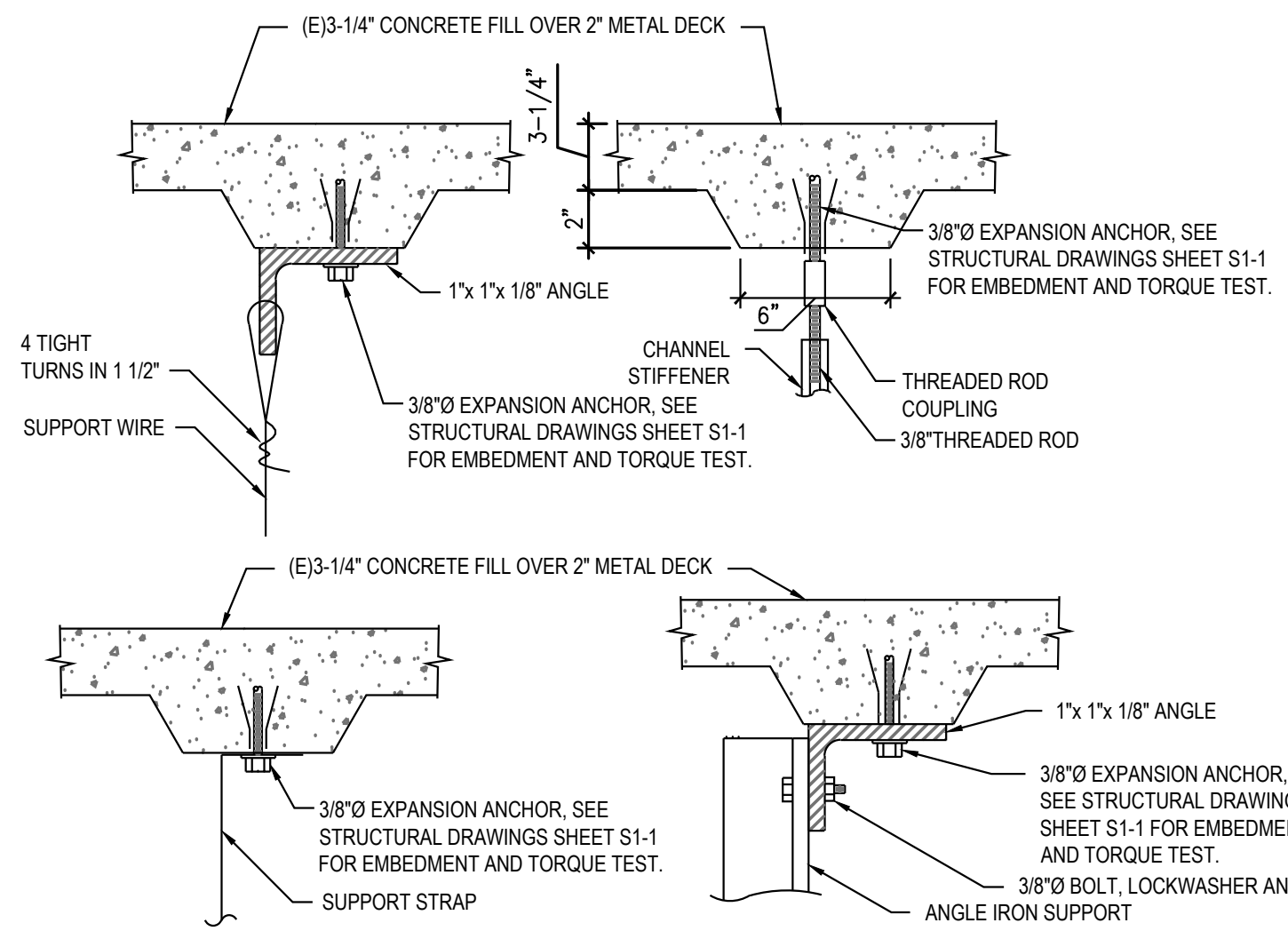
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VACAVILLE CENTER

PROJECT NO.	419-202
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SCALE	
TITLE	EXTERIOR DETAILS - ROOF
NUMBER	A8.53



UPPER ATTACHMENT DETAIL

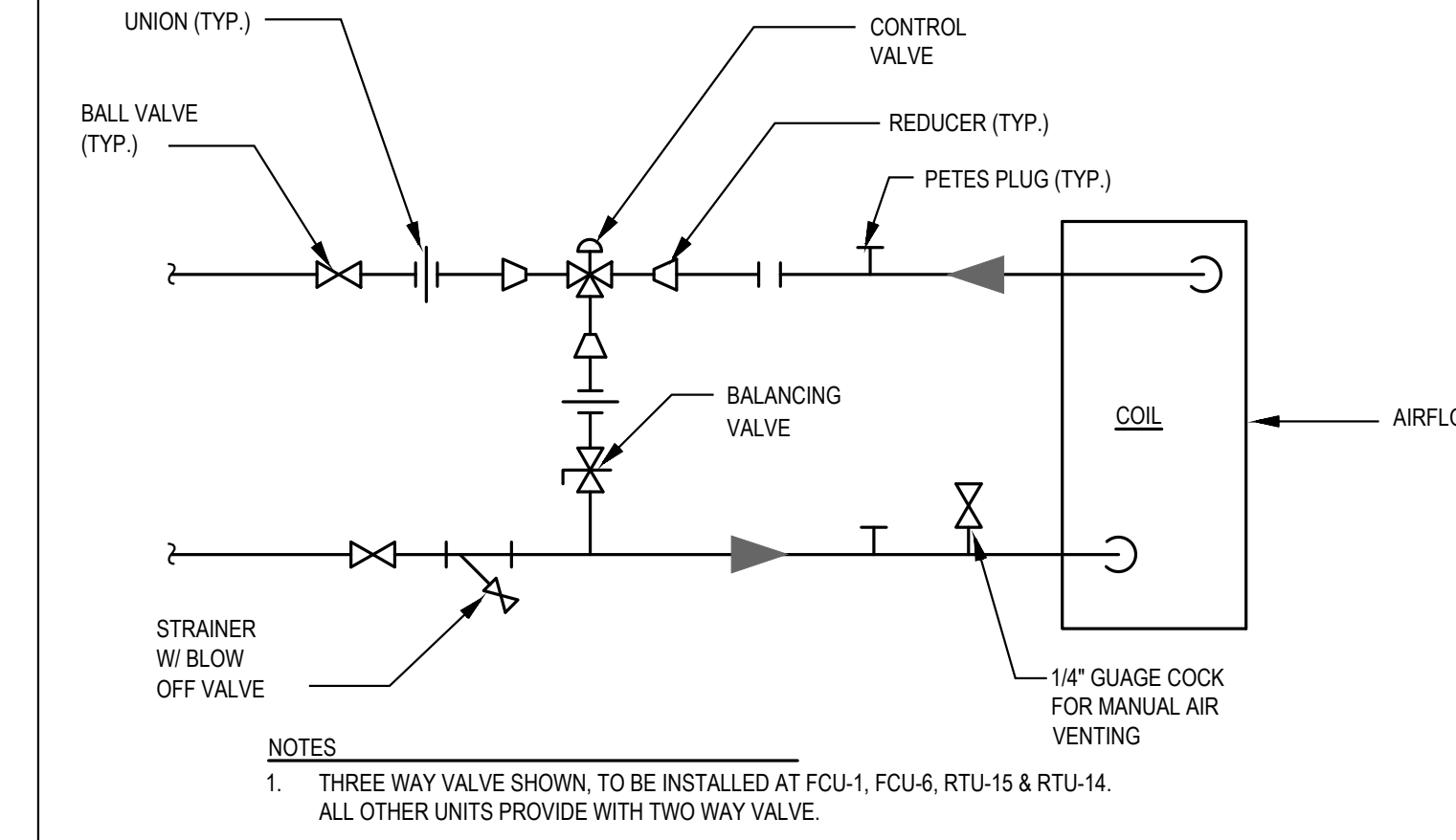
8 SCALE: NONE



BRACING WIRE CONNECTION TO STRUCTURE

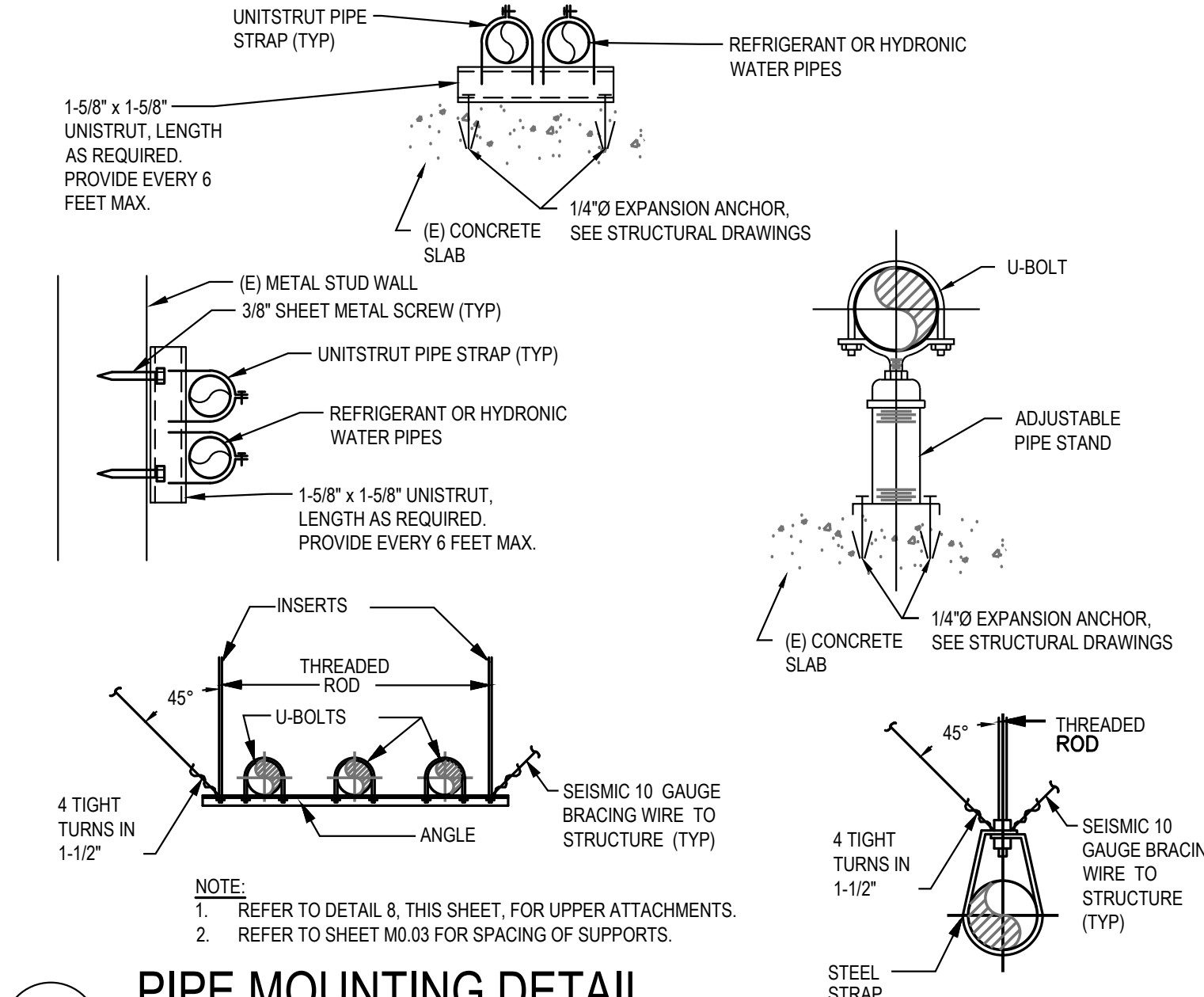
OPTION 1
NOTE: POST INSTALLED ANCHORS TO BE PLACED NO MORE THAN 1" OFFSET FROM CENTERLINE OF DECK LOW FLUTE.

OPTION 2



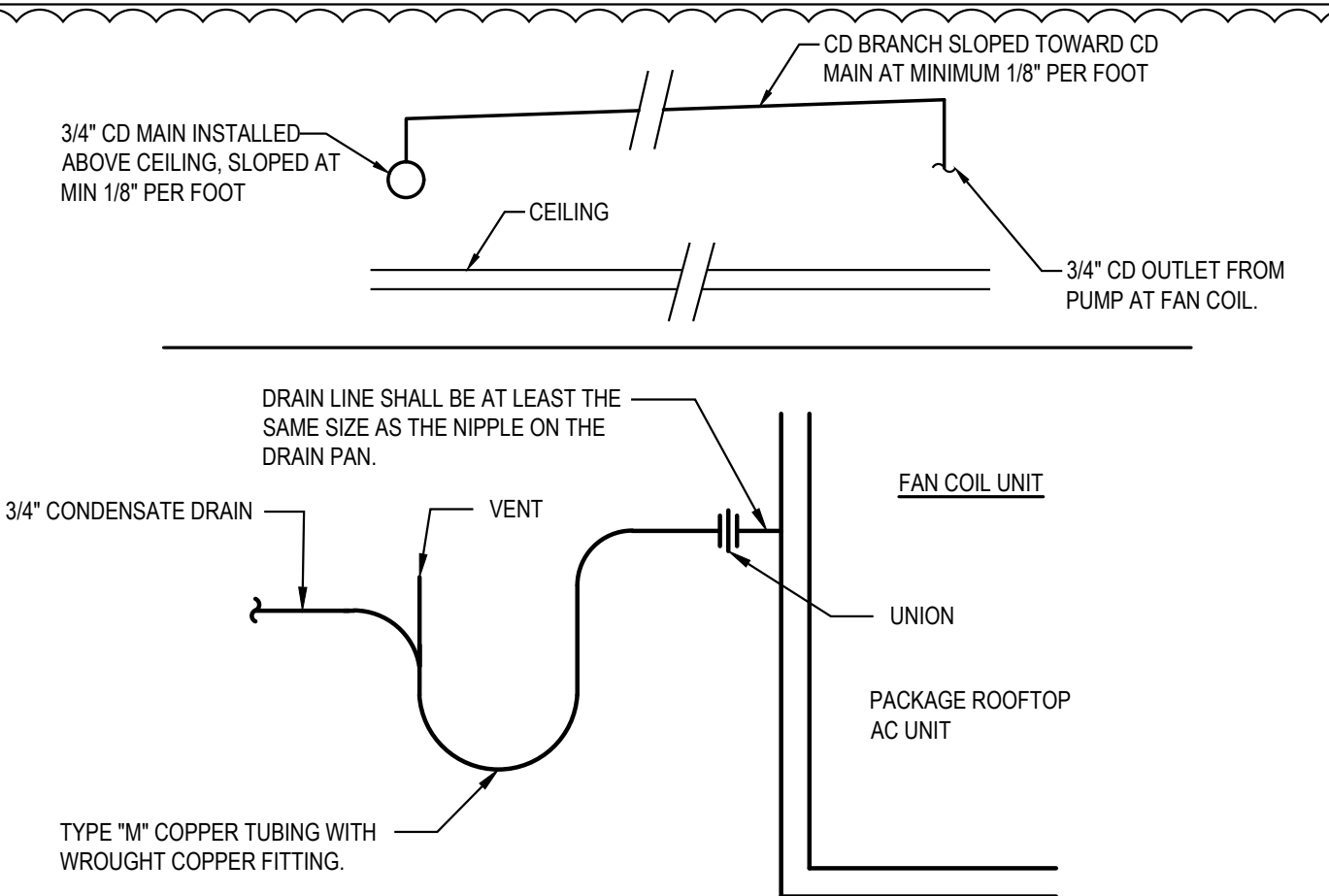
HOT WATER COIL CONNECTION DIAGRAM

7 SCALE: NONE



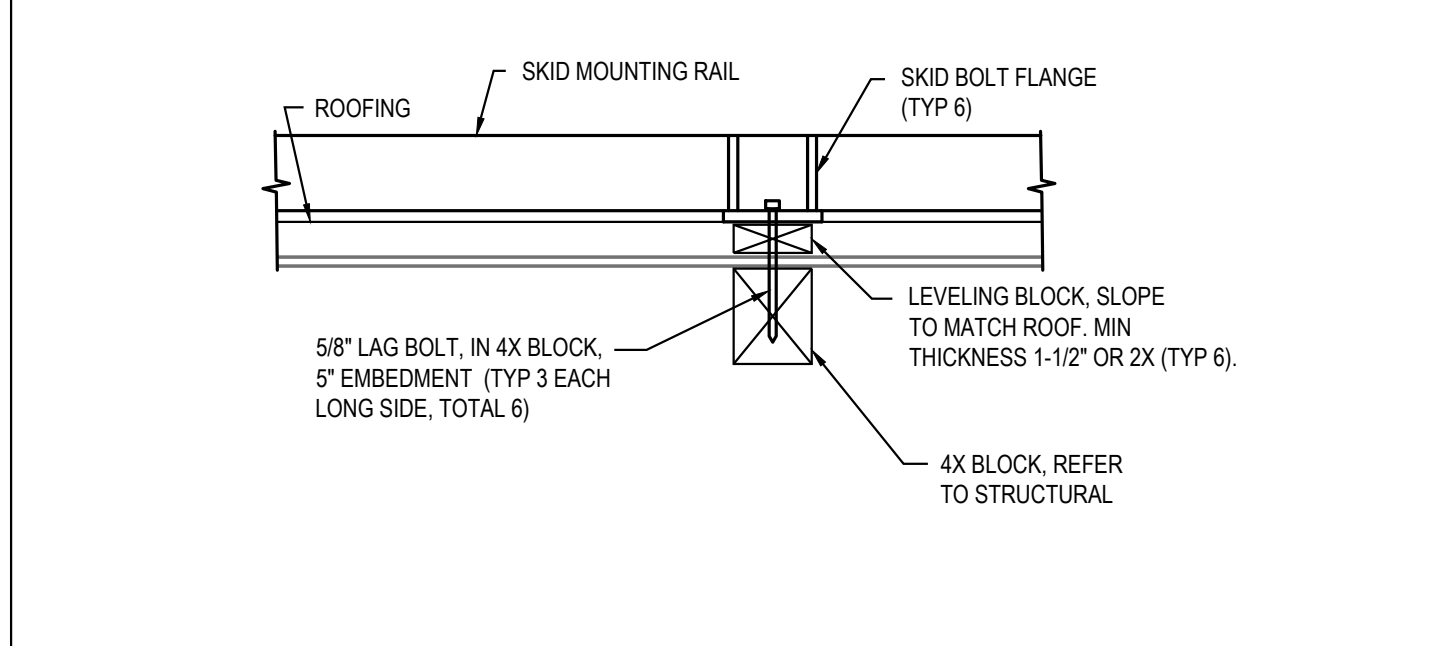
PIPE MOUNTING DETAIL

4 SCALE: NONE



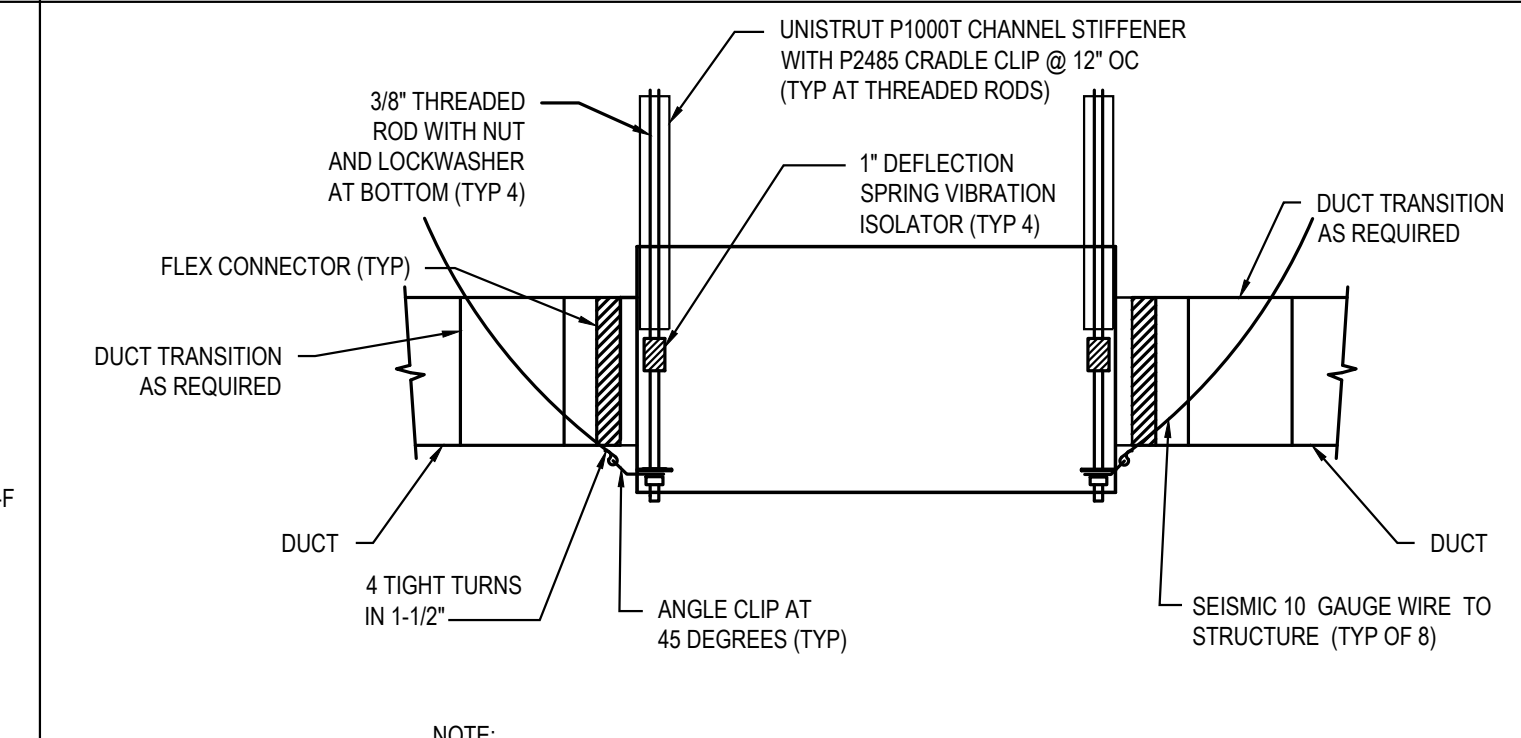
CONDENSATE CONNECTION DETAIL

11 SCALE: NONE



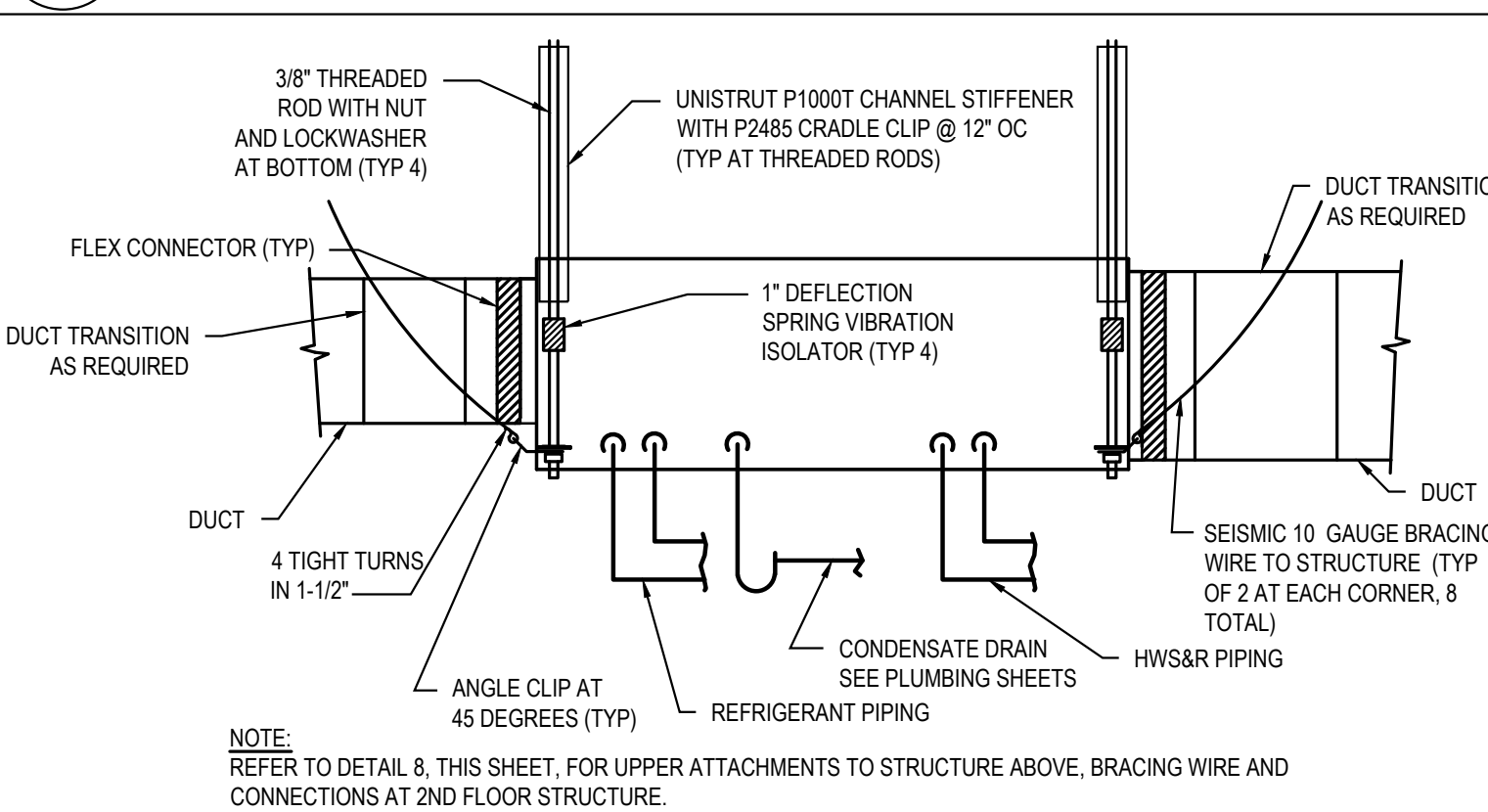
BOILER/PUMP SKID MOUNTING DETAIL

10 SCALE: NONE



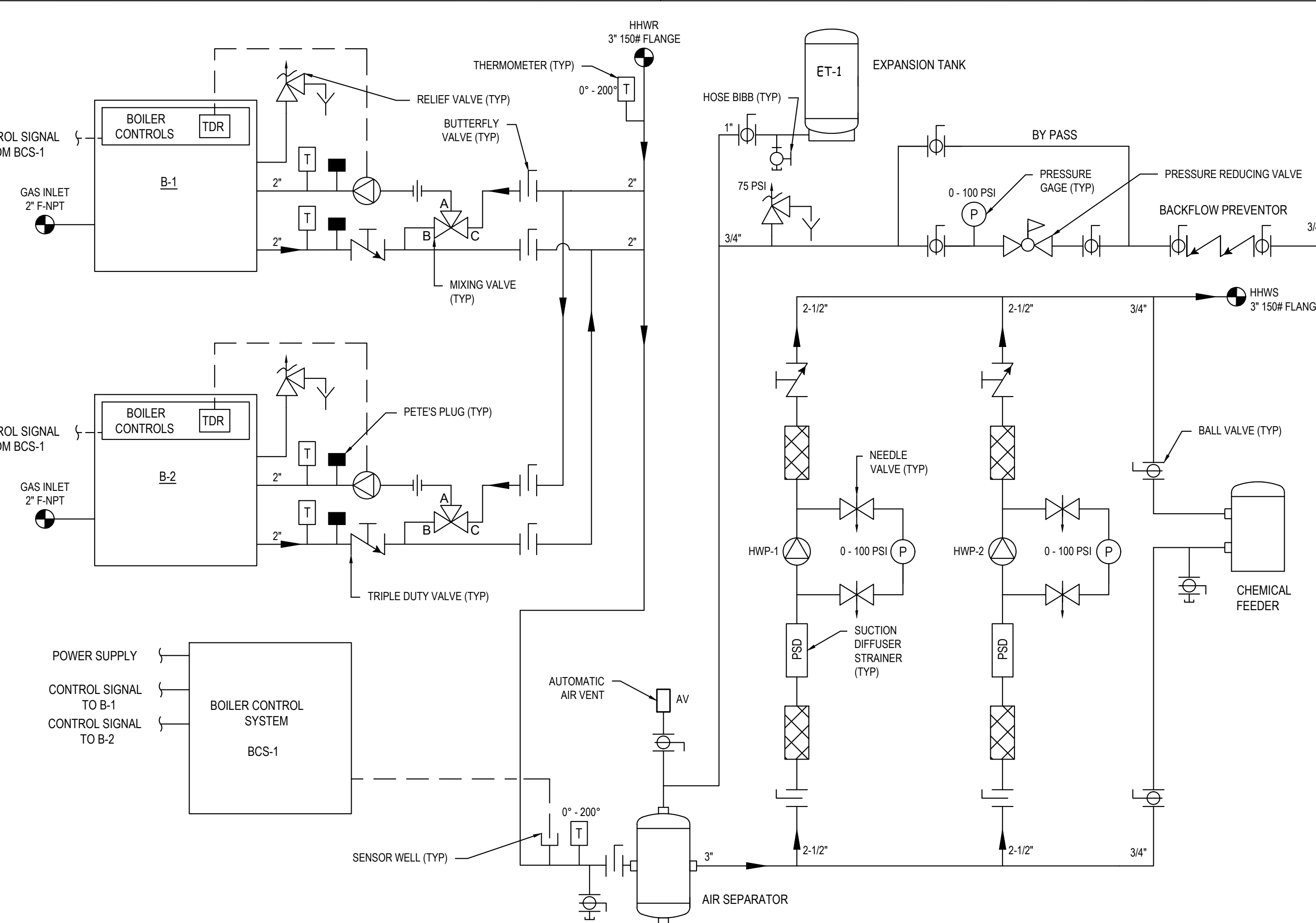
IN-LINE EXHAUST FAN MOUNTING DETAIL

6 SCALE: NONE



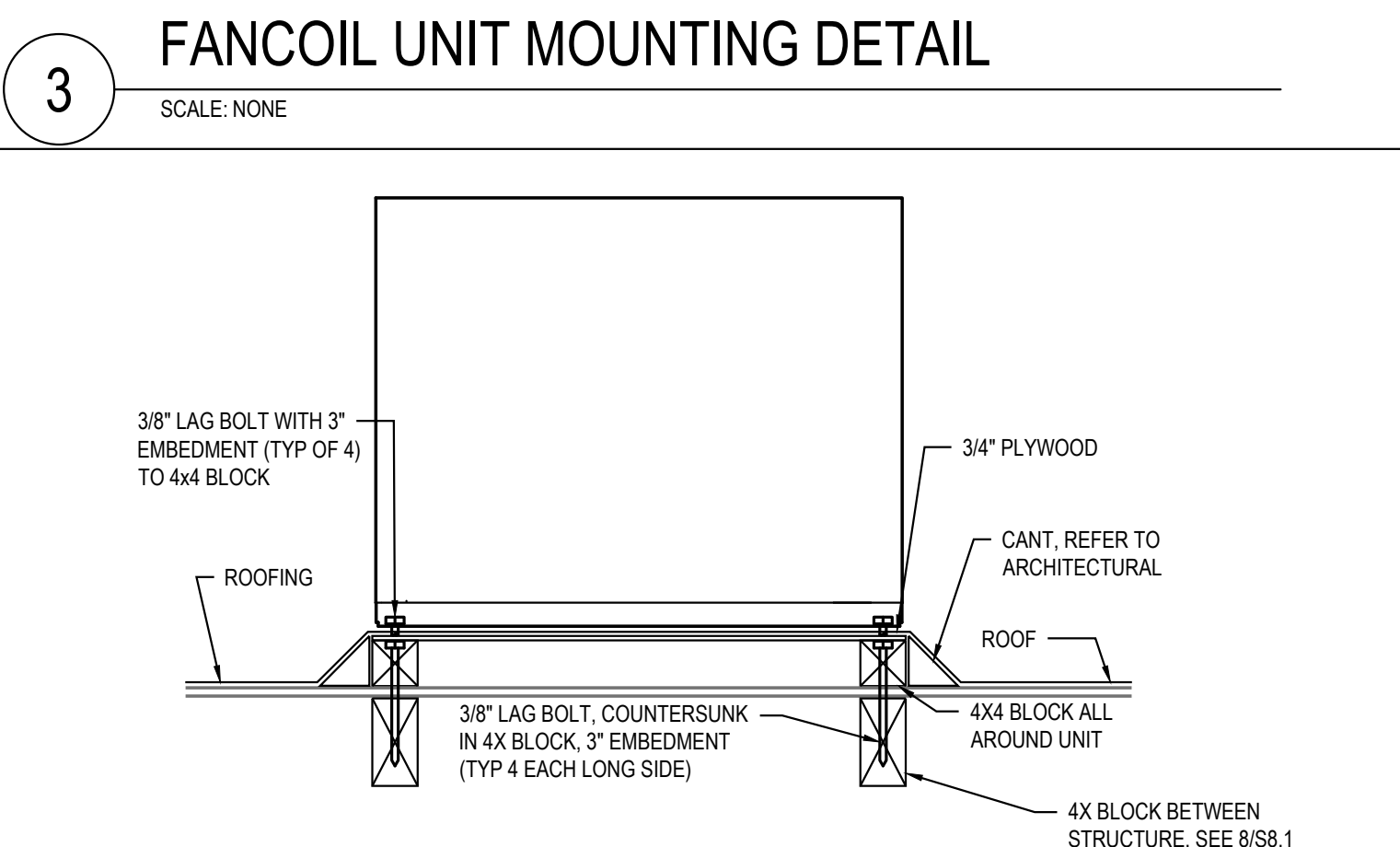
FANCOIL UNIT MOUNTING DETAIL

3 SCALE: NONE



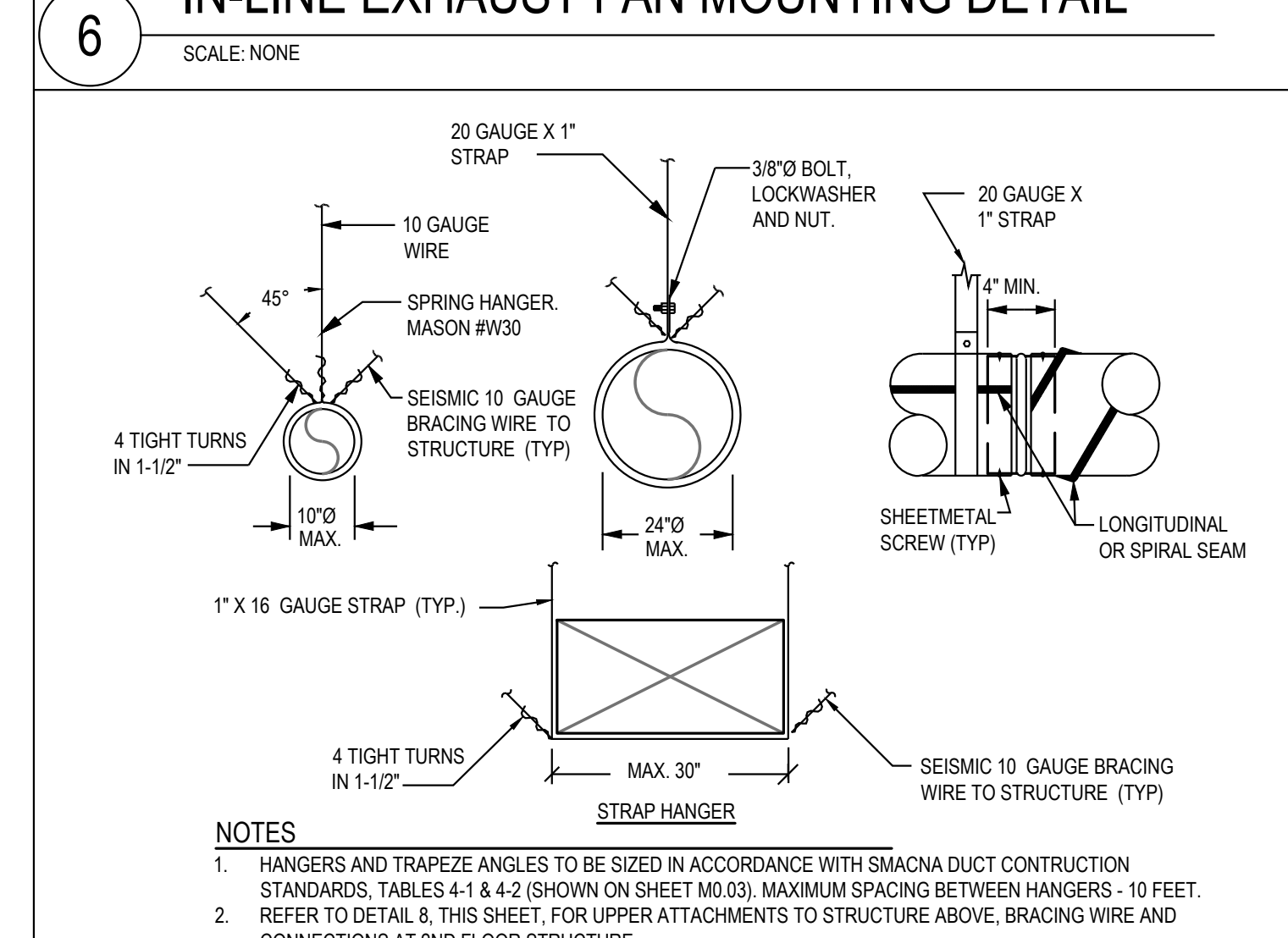
HEATING HOT WATER PIPING DIAGRAM

9 SCALE: NONE



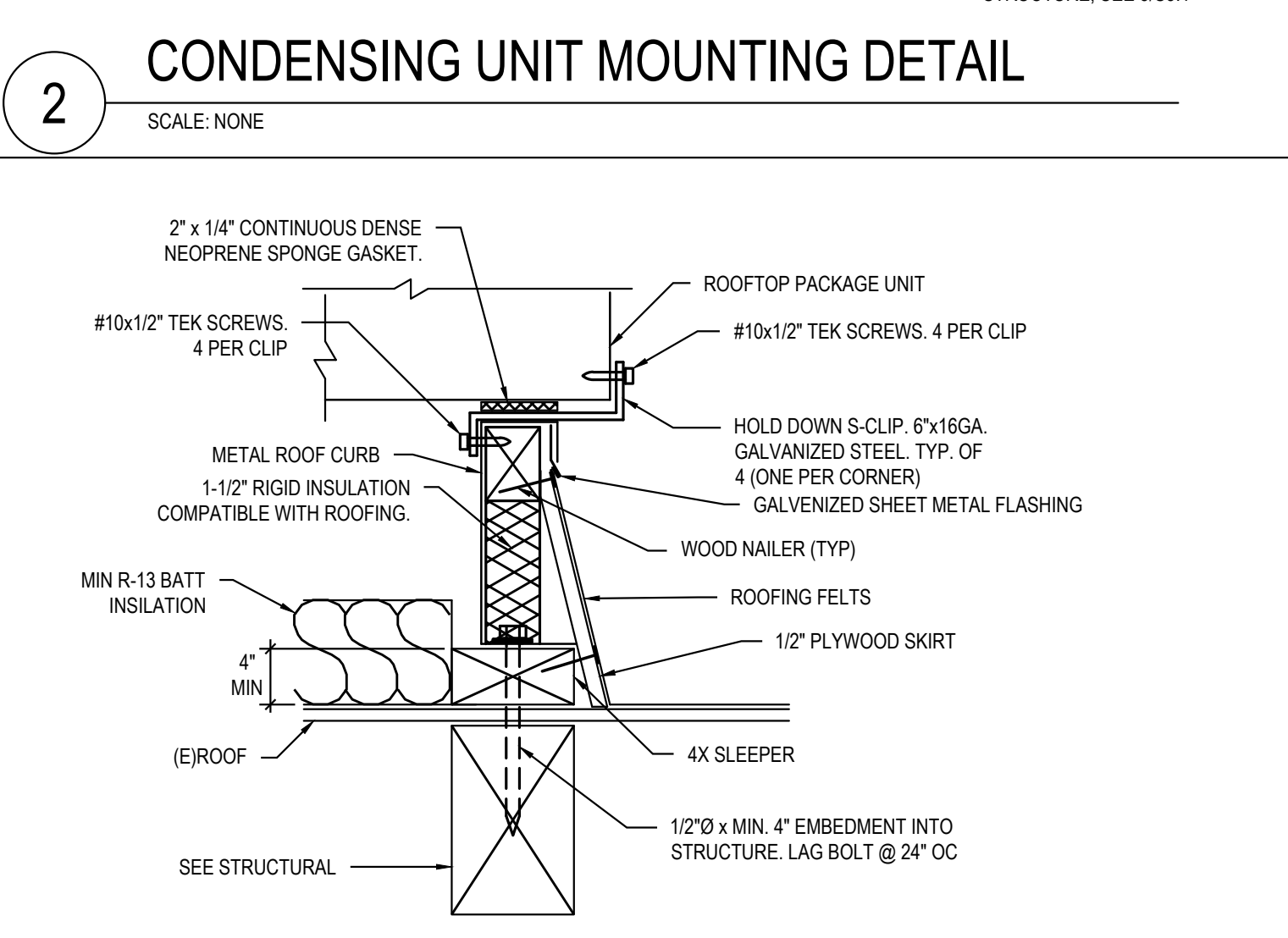
CONDENSING UNIT MOUNTING DETAIL

2 SCALE: NONE



DUCTWORK MOUNTING DETAIL

5 SCALE: NONE



ROOFTOP UNIT MOUNTING DETAIL

1 SCALE: NONE

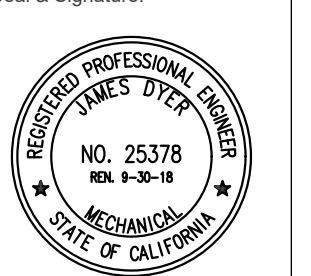
ISSUES



582 MARKET STREET, SUITE 400
SAN FRANCISCO, CA 94104
(415) 963-4303

212 9TH STREET, SUITE 203
OAKLAND, CA 94612

Seal & Signature:



SOLANO COMMUNITY COLLEGE DISTRICT
VACAVILLE CENTER
MECHANICAL EQUIPMENT REPLACEMENT

MECHANICAL DETAILS

Date: 9/30/2016
Scale: 1/8"=1'-0"
Job: 16SCC01
Sheet: M0.02
Of: 2 Sheets



Small, Local, Diverse Business Program APPENDIX A - MONTHLY INVOICING REPORT

Reporting Contractor: _____
 Construction Project Title: _____
 Contact Person/Phone: _____

Reporting Month/Year: _____
 Job Number: _____
 Original Contract Amount: _____
 Contract Amount to Date: _____

SUBCONTRACTORS/SUPPLIERS (List <u>each</u> Name <u>and</u> Address)	Contact Name/Phone	Type of Work	SLBE, DBE, MBE, WBE, DVBE	Dollar Amount Paid Previous Month	Dollar Amount Paid This Month	Cumulative Amount Paid To Date	Original Contract Amount	Contract Amount To Date
SUBCONTRACTORS:								
SUPPLIERS:								
TOTAL PAID TO SLBE SUBCONTRACTORS								
TOTAL PAID TO DBE SUBCONTRACTORS								
TOTAL PAID TO MBE SUBCONTRACTORS								
TOTAL PAID TO WBE SUBCONTRACTORS								
TOTAL PAID TO DVBE SUBCONTRACTORS								
TOTAL AMOUNT PAID TO PRIME								

I certify under penalty of perjury that the foregoing is true and correct:

 Authorized Signature Printed Name / Title Date



Small, Local, Diverse Business Program APPENDIX B - BID INFORMATION

Project Number: _____

Project Name: _____

Bid Opening Date: _____

Name: _____

Bidder: _____

Email: _____

Bidder Representative Completing this Form: _____

Phone Number: _____

Name of SLDBE	Certified By	Certification File No.	Description of Work or Supply	Bid Item	Local MBE	Local DVBE	Local DBE	Local WBE	Small Local	Dollar Value of Contract
Local WBE Bid Amount \$	= Achieved	%								
Local MBE Bid Amount \$	= Achieved	%								
Local DBE Bid Amount \$	= Achieved	%								
Local DVBE Bid Amount \$	= Achieved	%								
Local SBE Bid Amount \$	= Achieved	%								



Small, Local, Diverse Business Program
APPENDIX B - BID INFORMATION

Specification No. _____

Name of SLDBE	Address	License No.	Phone	Email

Provide the name, address, and telephone number for each SLDBE firm listed on the front of this form.



**Small, Local, Diverse Business Program
APPENDIX C - GOOD FAITH EFFORT CHECKLIST SHEET**

GOOD FAITH EFFORT CHECKLIST SHEET

To be completed by all Bidders who do not achieve SLDBE participation goals

Name of Bidder (please print legibly)

PLEASE INITIAL TO INDICATE EACH ACTION TAKEN.

_____ Bidder attended pre-solicitation or pre-bid meeting scheduled by Solano Community College District

_____ Bidder identified and selected specific items of project for which the contract will be awarded to be performed by SLDBE.

_____ Bidder advertised, not less than 10 calendar days before the bid opening date in one or more daily or weekly newspapers, trade association publications, minority or trade oriented publications, trade journals, or other media, as specified by Solano Community College, for SLDBEs interested in participating in the project.

Name of publication in which advertisement was placed

Date advertisement appeared

_____ Bidder provided written notice of his/her interest in bidding on the contract to SLDBEs at least 10 calendar days prior to the opening of bids.

_____ Bidder followed up initial solicitations of interest by contacting SLDBEs to determine, with certainty, whether enterprises were interested in performing specific items of the project.



Small, Local, Diverse Business Program
APPENDIX C - GOOD FAITH EFFORT CHECKLIST SHEET

- _____ Bidder provided interested SLDBEs with information about the plans, specifications, and requirements for the selected subcontracting of material supply work.

- _____ Bidder requested assistance from community organizations; SLDBE contractor groups; veterans groups; local, state or federal disadvantaged business assistance officers; and/or other organizations that provide assistance in the recruitment and placement of SLDBEs as they are available.

- _____ Bidder negotiated in good faith with SLDBEs and did not unjustifiably reject as unsatisfactory bids prepared by any SLDBEs.

Bidder certifies that all actions marked on the checklist were performed by the Bidder prior to the bid opening date. Failure to complete the above checklist may result in finding the proposal to be non-responsive, subject to the Solano Community College's determination. This checklist is provided as a courtesy to the bidder and is not intended to be a waiver of or modification to any of the Specifications included in the Contract Specifications or in other Contract documents, including but not limited to the SLDBE Program. Each bidder must comply with all Specifications and Contract documents. The undersigned states that the representations made herein are made under penalty of perjury.

Name of Authorized Firm Representative (Please Print)

Title

Signature of Authorized Firm Representative

Date