

2027 ROOF REPLACEMENT AT COFFMAN HIGH SCHOOL

COFFMAN HIGH SCHOOL

6780 COFFMAN ROAD
DUBLIN, OHIO 43017

MAYS PROJECT #: DOH43-002-06

CONSTRUCTION DOCUMENTS
07-02-2026



PREPARED FOR:

DUBLIN CITY
SCHOOL DISTRICT
6371A SHIER RINGS ROAD
DUBLIN, OHIO 43017

PREPARED BY:

Mays Consulting & Evaluation Services, Inc.
201 Pennsylvania Avenue
Delaware, Ohio 43015

VICINITY MAP



LOCATION MAP



SHEET INDEX		BUILDING CODE DATA		ABBREVIATIONS		AERIAL IMAGE	
TITLE PAGE		BUILDING CODE: 2024 OHIO BUILDING CODE		AI	AIR INTAKE	MAX	MAXIMUM
S1.0	SITE & STAGING PLAN	WIND LOAD INFORMATION:		AT	AIR TERMINAL	MIN	MINIMUM
A1.0	OVERALL ROOF PLAN	Basic Wind Speed: 115 MPH		ABC	ABANDONED CURB	OD	OVERFLOW DRAIN
A1.1	PARTIAL ROOF PLAN - BASE BID	Ground Surface Roughness: C		ABD	ABANDONED	PF	PIPE FLASHING
A2.0	INSULATION FASTENING PLAN - BASE BID	Wind Importance Category: III		ABP	ABANDONED PIPE	PP	PITCH POCKET
A3.0	TAPERED INSULATION PLAN - BASE BID	USE GROUP: E		ANT	ANTENNA MAST	PPC	PIPE PENETRATION CURB
A3.1	TAPERED INSULATION DETAILS	ENERGY CODE: IECC - 2021		CB	COLLECTOR BOX	PPL	PORTAL PLUS
A4.0	DETAILS	CLIMATE ZONE: 4A		CH	CHIMNEY	RC	RAIL CURB
A4.1	DETAILS	BUILDING ENVELOPE ENERGY PERFORMANCE REQUIREMENTS		CU	CURB	RCL	RIGID CONDUIT LINE
A4.2	DETAILS	ITEM	REQUIRED VALUE	DA	DAVIT	RD	ROOF DRAIN
A4.3	DETAILS			DS	DOWNSPOUT	RH	ROOF HATCH
A4.4	DETAILS			DU	DUCT	RP	ROOFTOP PAD
A4.5	DETAILS			DUS	DUCT SUPPORT	RV	ROOF VENT
				EB	ELECTRIC BOX	S	SCREENWALL SUPPORT
				EC	ELECTRIC CONDUIT	SA	SEALANT POCKET
				EF	EXHAUST FAN	SB	SPLASH BLOCK
				EJ	EXPANSION JOINT	SC	SECURITY CAMERA
				EQ	EQUAL	SD	SATELLITE DISH
				ER	ELECTRIC RECEPTACLE	SDB	SATELLITE DISH BASE
				EV	EXHAUST VENT	SDS	SELF-DRILLING SCREW
				FRT	FIRE-RETARDANT TREATED	SH	SMOKE HATCH
				GEJ	GUTTER EXPANSION JOINT	SIM	SIMILAR
				GLPF	GAS LINE PIPE FLASHING	SLP	SLEEPER CURB
				GN	GOOSENECK	STS	SELF-TAPPING SCREW
				GU	GUTTER	TBR	TO BE REMOVED
				HP	HOT PIPE	TBFD	TO BE FIELD DETERMINED
				IPF	INSULATED PIPE FLASHING	TRP	LIGHTNING PROTECTION SYSTEM
				LAI	LOUVERED AIR INTAKE	TS	THROUGH ROOF PENETRATION
				LD	ACCESS LADDER	TWD	TUBE STEEL
				LDC	LIGHTNING PROTECTION	TWS	THROUGH-WALL DRAIN
					SYSTEM - DOWN CONDUCTOR	VP	THROUGH-WALL SCUPPER
				LR	LIGHTNING ROD	VS	SANITARY VENT PIPE
				LRV	LOUVERED RELIEF VENT	WB	VENT STACK
				LT	LIGHT	WI	WOOD BLOCK
				LV	LOUVER	WS	WINDOW
				MD	MAN DOOR		WEATHER STATION



LEGEND:

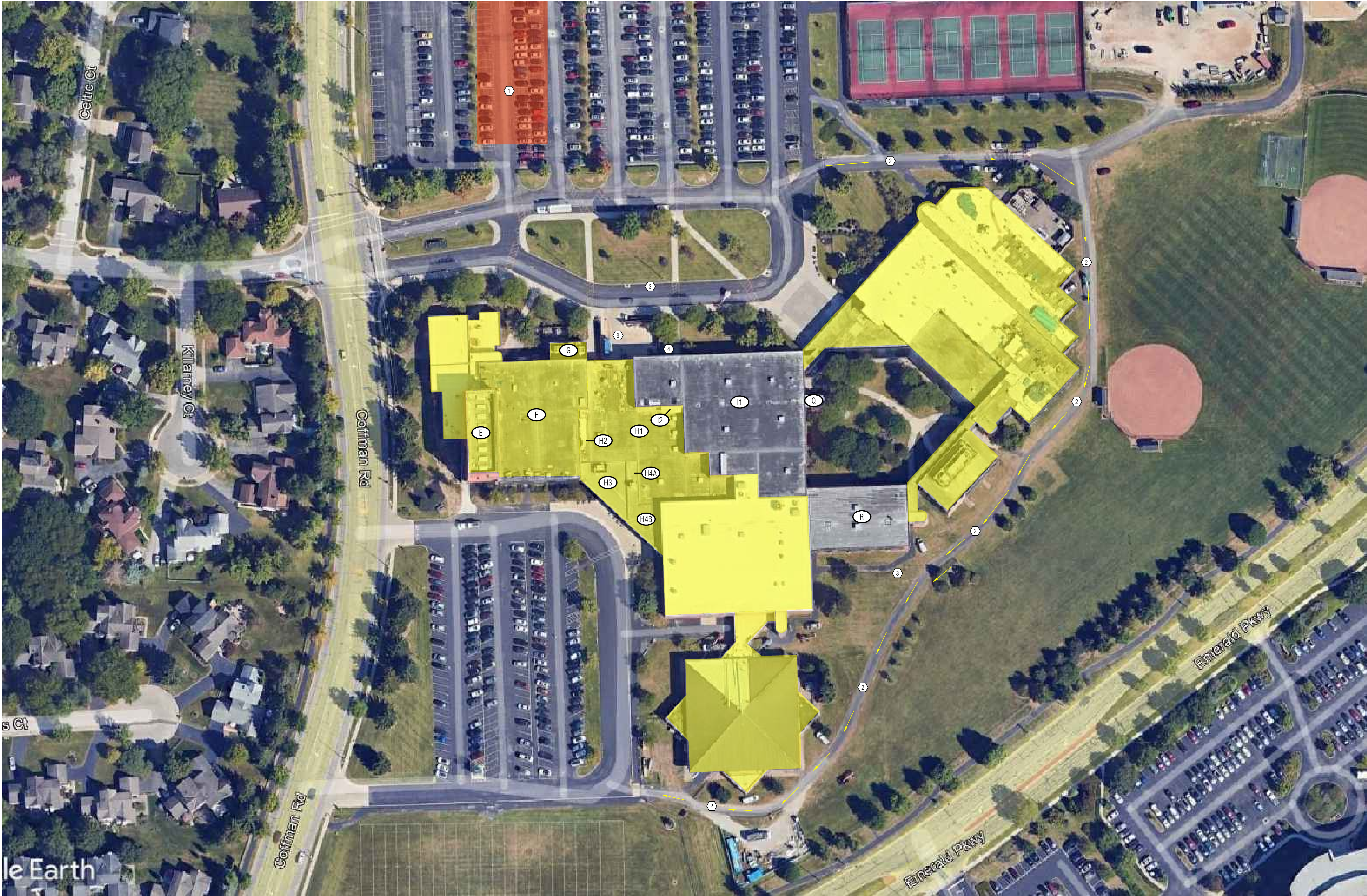
- ROOF AREA A#
- CODED NOTE #
- AREA OUT OF SCOPE

SITE PLAN GENERAL NOTES:

1. ALL MATERIAL STORAGE AND STAGING AREAS MUST HAVE CHAIN LINK FENCE INSTALLED AROUND THEM. ALL EQUIPMENT AND MATERIAL MUST BE WITHIN THE FENCED AREA AT THE COMPLETION OF WORK DAILY.
2. NO EGRESS DOORS SHALL BE BLOCKED DURING THE WORK.
3. NO MATERIAL OR DUMPSTER PLACEMENT PERMITTED ON THE FIRE ACCESS ROAD.
4. ROOF ACCESS LADDERS SHALL BE REMOVED AND SECURED WHEN THE CONTRACTOR IS OFFSITE.
5. ON-SITE CONSTRUCTION CAN BEGIN ON JUNE 1, 2027. ALL WORK MUST BE SUBSTANTIALLY COMPLETE BY AUGUST 1, 2026.

SITE PLAN CODED NOTES:

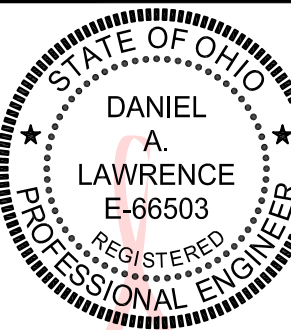
- 1 APPROXIMATE MATERIAL STORAGE AREA STARTING JUNE 1, 2027.
- 2 FIRE ACCESS ROAD. DO NOT BLOCK.
- 3 AVAILABLE DUMPSTER AND LIFT AREA WHEN SCHOOL IS ON SUMMER BREAK.
- 4 PROVIDE STAIR TOWER FOR ROOF ACCESS. STAIR TOWER TO BE SECURED ALONG THE BOTTOM 8' TO PREVENT UNAUTHORIZED ACCESS.



1 SITE AND STAGING PLAN
S1.0 SCALE: 1" = 60'-0"

GENERAL NOTES

2	Construction Documents	07.02.26
1	Design Development	06.12.26
No.	Revision/Issue	Date



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Lawrence
Date: 2026.07.09
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COFFMAN HIGH SCHOOL
6700 COFFMAN ROAD
DUBLIN, OHIO 43017

Approved By: DAL
Date: 02.27.2026
Job No.: DOH43-002-06
Scale: AS NOTED
Drawn By: EMD

Sheet No.: S1.0

REVISIONS
SITE AND STAGING PLAN

LEGEND:

ROOF AREA

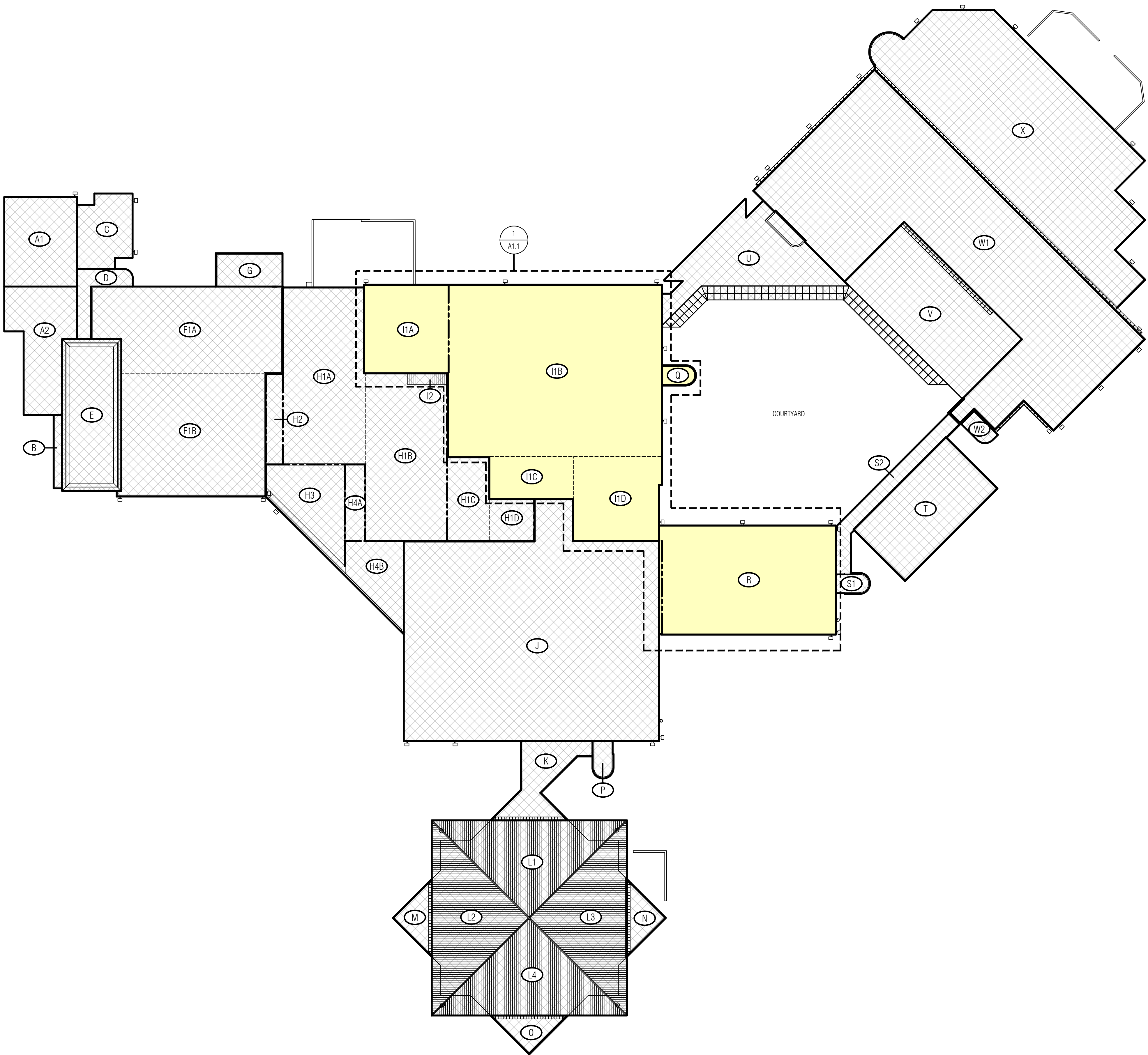
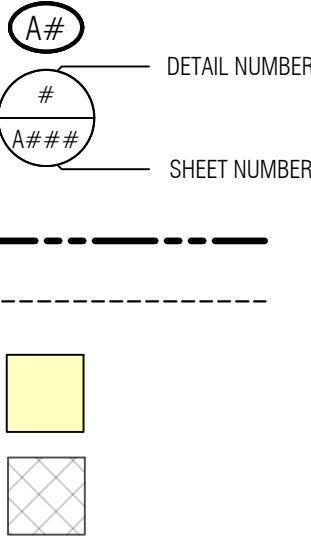
DETAIL INDICATOR

EXPANSION JOINT

ROOF AREA DIVIDER

BASE BID

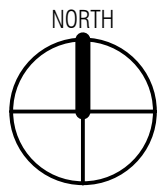
AREA OUT OF SCOPE



1
A1.0

OVERALL ROOF PLAN

SCALE: 1" = 40'



GENERAL NOTES

2	Construction Documents	07.02.26
1	Design Development	06.12.26
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OVERALL ROOF PLAN

ROOF AREA		
DETAIL INDICATOR		DETAIL NUMBER
		SHEET NUMBER
CODED NOTE		
EXPANSION JOINT		
ROOF AREA DIVIDER		
GAS LINE		
GUTTER		
CONDUIT		
PERIMETER SECUREMENT		
WALKWAY		
AREA OUT OF SCOPE		

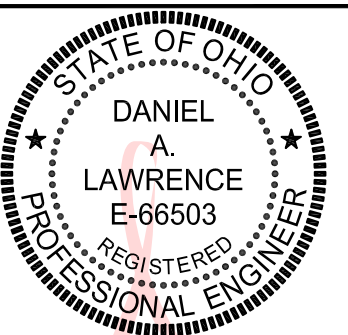
- ① ADJUST HEIGHT OF ROOF ACCESS LADDER AS NECESSARY TO ACCOMMODATE THE HEIGHT OF THE NEW ROOF SYSTEM AND INSTALL LADDER BASE PLATE. SEE DETAIL 3/4/4.
- ② EXTEND EXPANSION JOINT DETAIL (2/4/4.1) TO TURN AND INTERSECTION ADJACENT ROOF AREA DIVIDER TO CREATE A CLEAR SEPARATION BETWEEN THE ROOF AREA 1 AND ROOF AREA R. ROOF AREA 1 HAS AN ACTIVE ROOF SYSTEM WARRANTY. THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM THE EXISTING ROOF SYSTEM MANUFACTURER FOR THE MODIFICATION TO THE ROOF SYSTEM PRIOR TO STARTING THE WORK.
- ③ TWO(2) ADDITIONAL RAIL CURBS AND A PIPE PENETRATION CURB WERE INSTALLED IN THIS AREA BY THE OWNER. CONTRACTOR TO FIELD VERIFY THE LOCATION OF THESE ITEMS AND FLASH THESE PENETRATIONS PER DETAILS 5 AND 6/4/5.

ROOF AREA	SQUARE FT	DECK SLOPE	ELEVATION
I1A	3,740	1/8":12"	28' - 0"
I1B	18,595	1/8":12"	28' - 0"
I1C	1,795	1/8":12"	28' - 0"
HD	3,660	1/8":12"	28' - 0"
Q	299	FLAT	25' - 0"
R	9,590	1/4":12"	28' - 0"
TOTAL	37,679		

* SQUARE FOOTAGES & SLOPES ARE APPROXIMATE
 * SQUARE FOOTAGES ACCOUNT FOR ROOF SLOPE

1. IN THE PROJECT DETAILS, THE WOOD BLOCKING IS SHOWN FOR GRAPHICAL PURPOSES. THE ACTUAL NUMBER OF LAYERS OF WOOD BLOCKING WILL VARY DEPENDING ON THE DETAIL LOCATION AND INSULATION THICKNESS. THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY AND/OR DETERMINE THE NUMBER OF LAYERS OF WOOD BLOCKING REQUIRED FOR THE PROJECT.
2. THE PROJECT DETAILS SHOW THE DESIGN INTENT. DETAILS ARE NOT PROVIDED FOR EVERY CONDITION OR EVERY VARIATION. THE CONTRACTOR SHALL IN FIELD VERIFY FLASHING LOCATIONS AND PROVIDE A FLASHING DETAIL THAT COMPLIES WITH THE DESIGN INTENT SHOWN ON THE PROJECT DRAWINGS AND SPECIFICATIONS.
3. ALL ROOF DRAIN AND OVERFLOW DRAIN BOWLS, WITHIN ROOF AREAS SPECIFIED TO BE REPLACED, ARE TO BE REPLACED. AT ROOF DRAIN BOWL REPLACEMENT LOCATIONS, PRIOR TO RIDING THE CONTRACTOR SHALL FIELD VERIFY THE CONDITIONS (I.E. ACCESS, OBSTRUCTIONS, CONFIGURATION, HARD CELINGS, ETC.) UNDER WHICH THE WORK MUST BE COMPLETED. IF THERE ARE CONDITIONS THAT PROHIBIT THE DRAIN BOWL REPLACEMENT, THE CONTRACTOR SHALL NOTIFY THE DESIGN PROFESSIONAL, WITH AN RFI PRIOR TO RIDING FOR FURTHER DIRECTION. NO ALLOWANCES FOR CHANGE ORDERS WILL BE PERMITTED AFTER BIDDING FOR FIELD CONDITIONS UNDER WHICH THE WORK MUST BE PERFORMED.
4. RAISE EXISTING VENT PIPES AS REQUIRED TO ALLOW FOR MINIMUM 8" BASE FLASHING HEIGHT.
5. IN THE PROJECT DETAILS, ITEMS THAT ARE GRAY SHADED AND LABELED AS "EXISTING" ARE INTENDED TO REMAIN IN PLACE AND NOT BE MODIFIED AS PART OF THE PROJECT. NON-SHADED ITEMS ARE TO BE NEW WORK.
6. THE CONTRACTOR SHALL COMPLETELY REMOVE THE EXISTING ASPHALT, PROVIDE A 1/2" PLYWOOD SEPARATOR, OR PROVIDE A 24 GA. GALVALUME SHEET METAL SEPARATOR WHERE THERE IS ASPHALT CONTAMINATION AT FLASHING CONDITIONS, WHETHER OR NOT EXPLICITLY SHOWN IN THE PROJECT DETAILS.
7. RAISE ALL EF, GV, EV, LV, RC AS NECESSARY TO PROVIDE A MINIMUM 8" FLASHING HEIGHT. EXTEND SERVICES LINES AS NECESSARY.
8. ALL ABANDONED CURBS AND PIPES SHALL BE REMOVED AND THE STEEL DECK REPAIRED PER DETAIL 4/4A.10.
9. ALTERNATE #1 - CONTRACTOR TO PROVIDE ALTERNATE PRICE TO INSTALL NEW ROOF MOUNTED LIGHTNING PROTECTION SYSTEM ON BASE BID ROOF REPLACEMENT AREA, INCLUSIVE OF DOWN CONDUCTORS AND GROUND RODS. DOWN CONDUCTORS ARE PERMITTED TO BE MOUNTED TO THE EXTERIOR WALL PANELS, BUT MUST BE LIGHTNING PROTECTION LIGHTNING RODS. PERIMETER CORNING CAPS SHALL NOT BE ATTACHED TO THE CORNING CAPS. AT CORNING CAPS, THE LIGHTNING RODS SHALL BE ATTACHED TO A LIGHTNING ROD BRACKET PER DETAIL 5/A4.0. LIGHTNING PROTECTION CABLES SHALL BE ADHERED TO THE ROOF SURFACE PER DETAIL 4/4A.4. SURGE PROTECTORS TO BE INSTALLED BY OWNER IN SEPARATE PROJECT. LIGHTNING PROTECTION SYSTEM IS A DELEGATED DESIGN.
10. ON ROOF AREA R, THE CONTRACTOR SHALL INCLUDE 200 SQUARE FEET OF ROOF SYSTEM ANCHORAL REMOVAL AND INSTALLATION OF NEW ADHERED ROOF INSULATION AND REPAIR OF THE MODIFIED BITUMEN ROOF SYSTEM, PRIOR TO THE INSTALLATION OF THE NEW ROOF SYSTEM.
11. THE CROSS REFERENCES BETWEEN THE ROOF AREA LABELS UTILIZED IN THE ASBESTOS SURVEY AND THESE ROOF PLANS ARE THE FOLLOWING:
ASBESTOS SURVEY ==> PROJECT DRAWINGS
ROOF AREA FR2 ==> ROOF AREAS I1A - I1D
ROOF AREA FR3 ==> ROOF AREAS F1A - F1B
ROOF AREA FR4 ==> ROOF AREAS H1A - H1D

2	Construction Documents	07.02.26	
1	Design Development	06.12.26	
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Project:

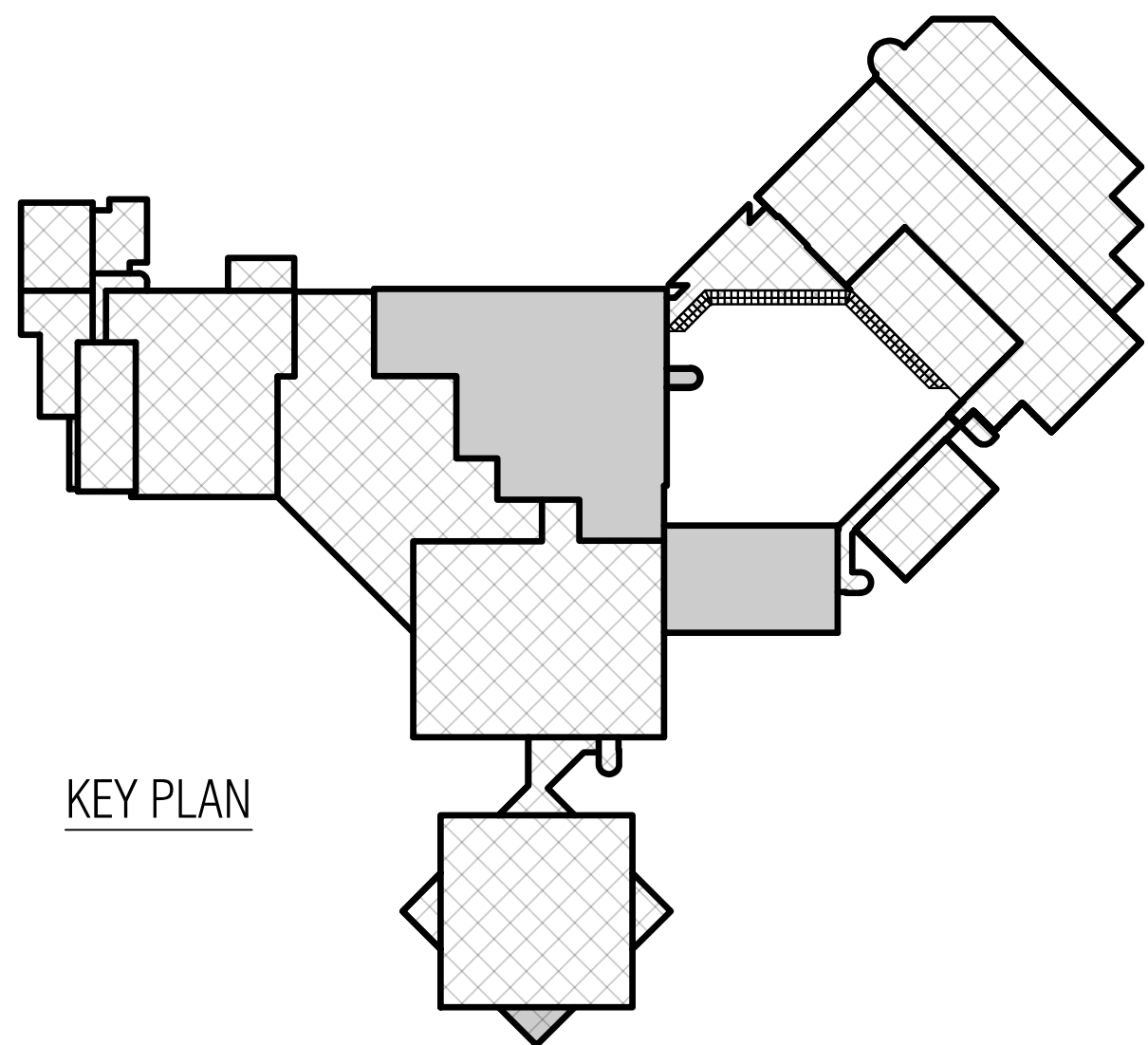
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Sheet No.: **A1.1**

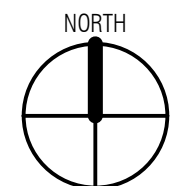


KEY PLAN

1
A1 1

PARTIAL ROOF PLAN - BASE BID

SCALE: 1" = 15'



LEGEND:

ROOF AREA

A#

FIELD FASTENING AREA (ZONE 1)
ADHESIVE BEADS 12" O.C.
10 FASTENERS PER 4'X8' BOARD

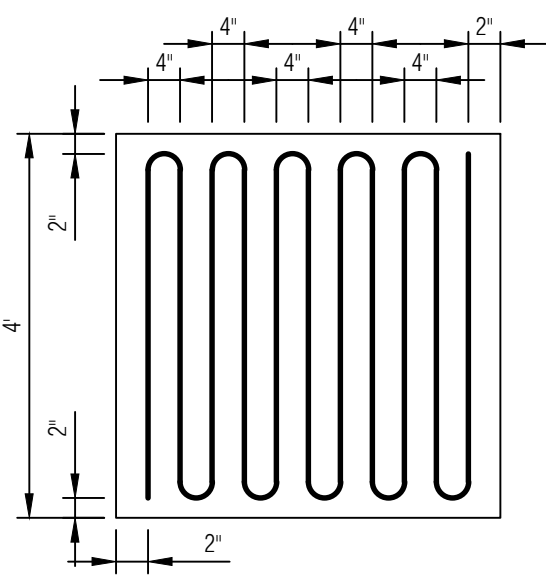
PERIMETER FASTENING AREA (ZONE 2)
ADHESIVE BEADS 6" O.C.
16 FASTENERS PER 4'X8' BOARD

CORNER FASTENING AREA (ZONE 3)
ADHESIVE BEADS 4" O.C.
32 FASTENERS PER 4'X8' BOARD

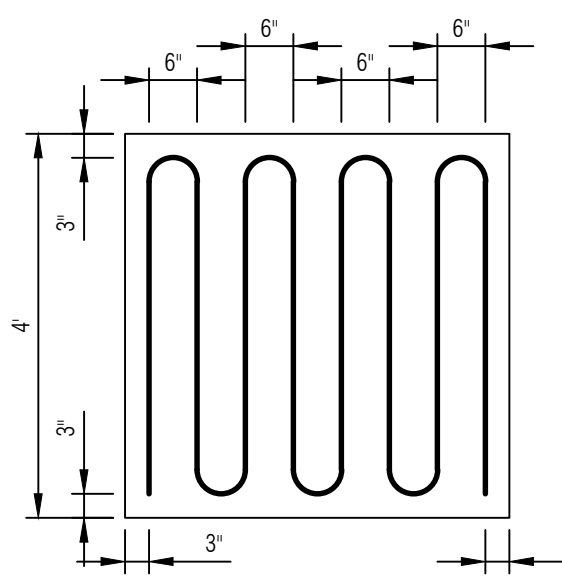
AREA OUT OF SCOPE

INSULATION FASTENING PLAN GENERAL NOTES:

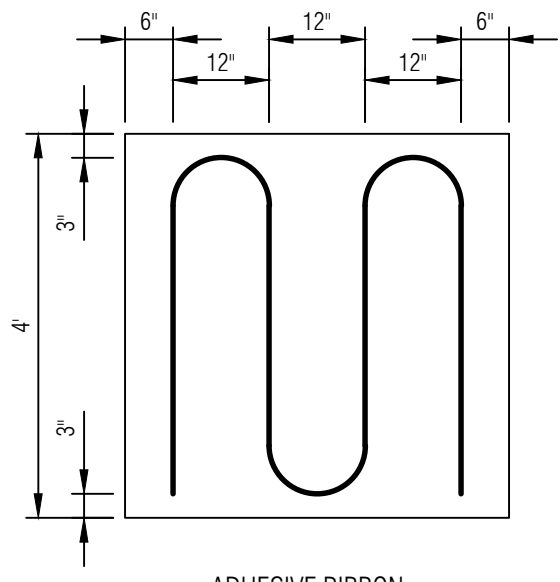
- ALL INSULATION BOARDS THAT ARE TO BE ADHERED SHALL BE 4' X 4'.
- ANY BOARD THAT IS LOCATED PARTIALLY WITHIN A CORNER OR PERIMETER AREA, THE ENTIRE BOARD SHALL BE FASTENED PER THE MORE STRINGENT FASTENING PATTERN.
- FOR ADHERED INSULATION, THE ROOF INSULATION BOARDS SHALL BE WEIGHTED DOWN TO HELP ASSURE PROPER ADHESION. WALKING IN THE INSULATION BOARDS ALONE IS NOT ACCEPTABLE.



ADHESIVE RIBBON
ADHESIVE RIBBON 4" O.C.



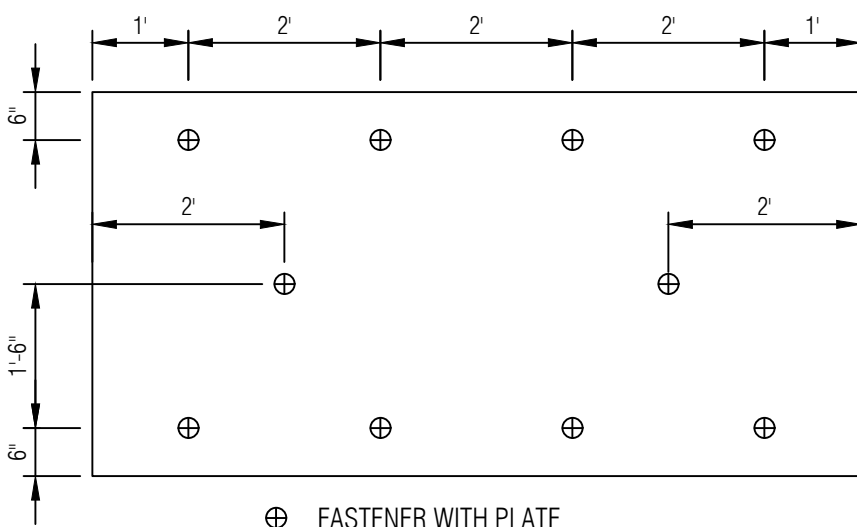
ADHESIVE RIBBON
ADHESIVE RIBBON 6" O.C.



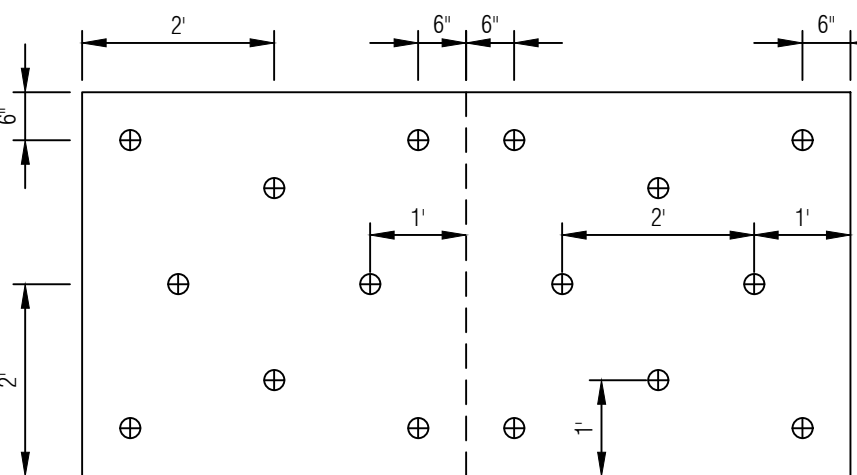
ADHESIVE RIBBON
ADHESIVE RIBBON 12" O.C.

3 INSULATION ADHESIVE PATTERNS

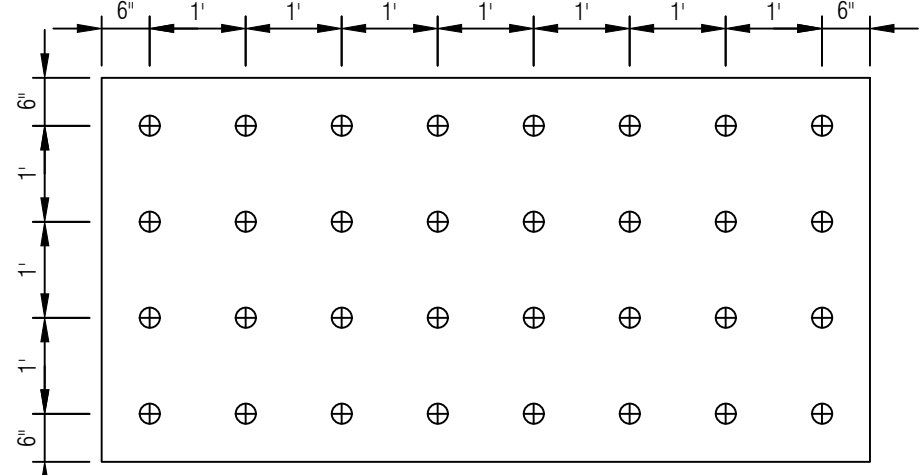
SCALE: NONE



FASTENER WITH PLATE
10 FASTENERS PER BOARD



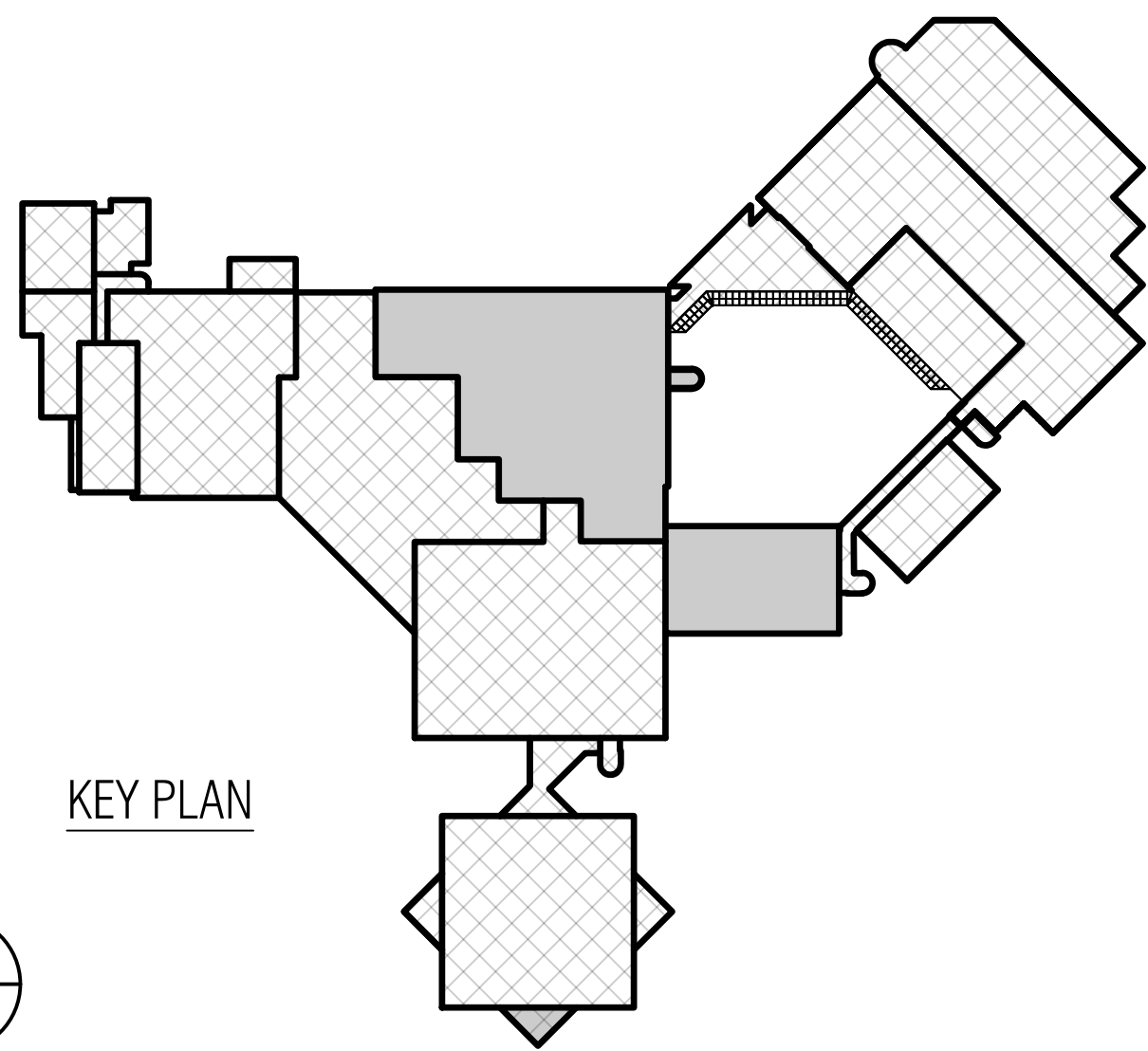
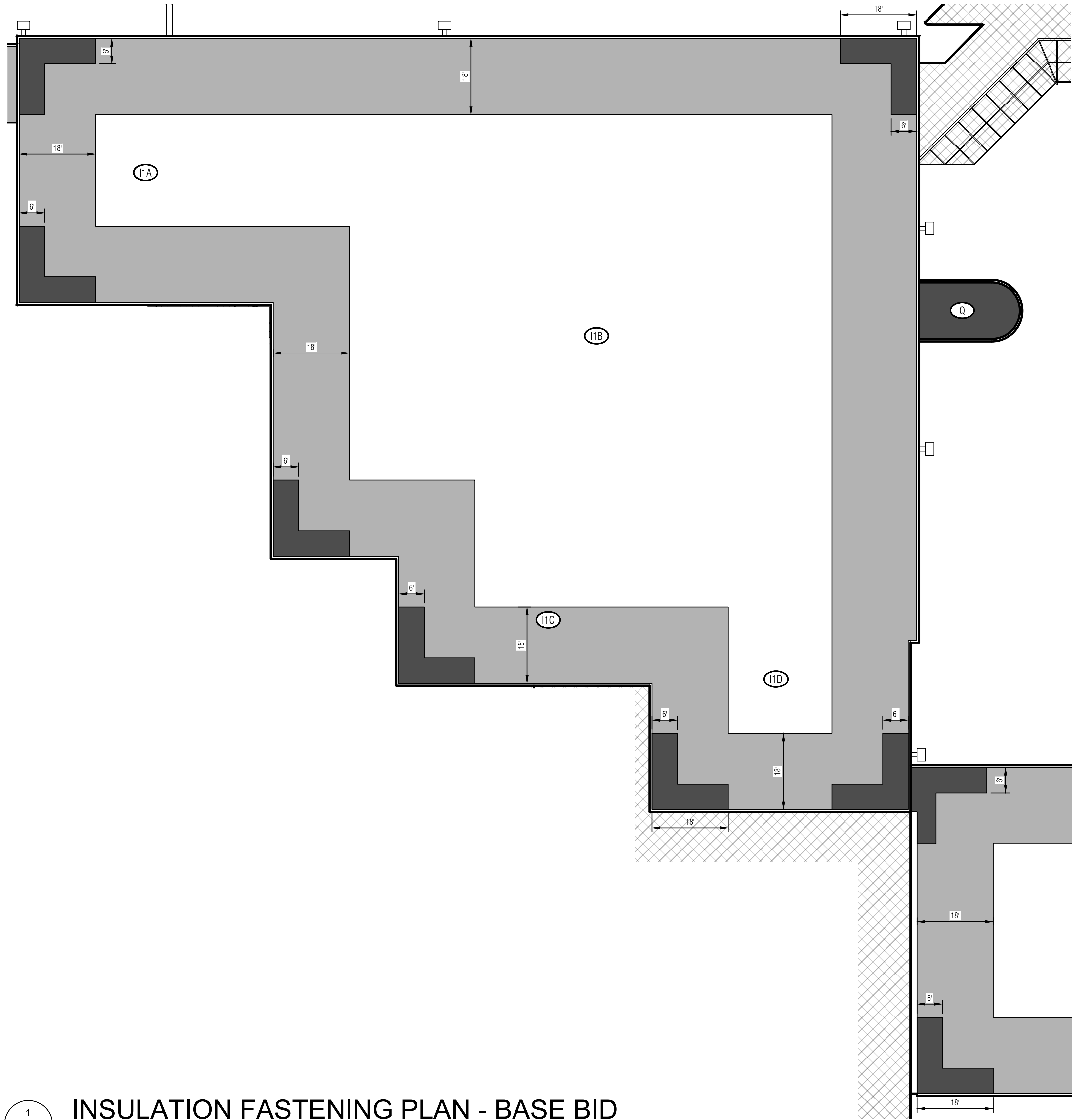
FASTENER WITH PLATE
16 FASTENERS PER BOARD



FASTENER WITH PLATE
32 FASTENERS PER BOARD

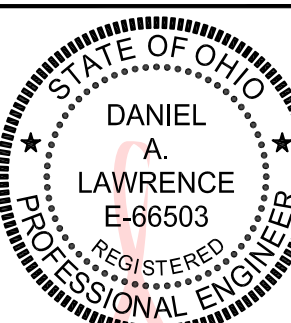
2 INSULATION FASTENING PATTERNS

SCALE: NONE



GENERAL NOTES

2	Construction Documents	07.02.26
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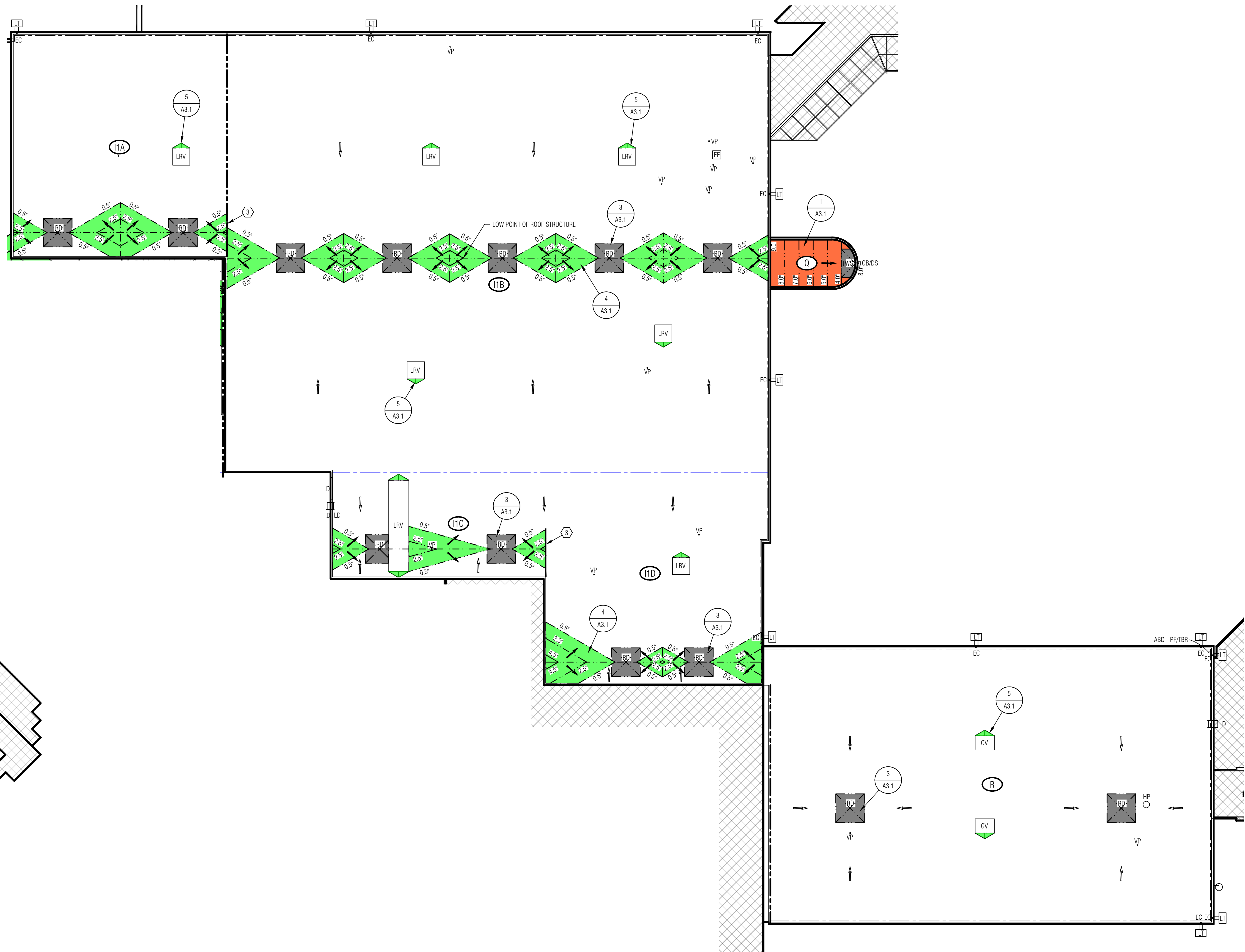
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A2.0

INSULATION FASTENING PLAN - BASE BID

ROOF AREA		DETAIL NUMBER
DETAIL INDICATOR		
		SHEET NUMBER
CODED NOTE		
HIGH POINT OF ROOF STRUCTURE		
EDGE OF TAPERED INSULATION BOARD		
1/4" PER FOOT TAPERED INSULATION		
1/2" PER FOOT INSULATION CRICKETS/SADDLES		
1/2" PER FOOT DRAIN SUMP		
AREA OUT OF SCOPE		
STRUCTURAL SLOPE		
TAPERED INSULATION SLOPE		

1. A TAPERED EDGE STRIP IS REQUIRED AT THE EDGE OF ANY TAPERED INSULATION BOARD THAT IS INSTALLED AT THE TOP LAYER IN ORDER TO PROVIDE A SMOOTH TRANSITION.
2. TAPERED INSULATION CRICKETS AND SADDLES MUST BE INSTALLED AS A INTERMEDIATE OR BOTTOM LAYER SO THAT THE TOP LAYER OF MECHANICALLY ROOF INSULATION HAS A MINIMUM THICKNESS OF 2".

- 1 CONTRACTOR TO FIELD VERIFY IF TAPERED INSULATION IS REQUIRED IN THIS AREA. PROVIDE TAPERED INSULATION WITHIN THIS AREA AS NECESSARY TO PROVIDE SLOPE TO MATCH ADJACENT ROOF AREA.
- 2 INSTALL TAPERED INSULATION AT CANTED DECK TERMINATION PER DETAIL 5/44.1.
- 3 INSTALL CURB TYPE EXPANSION JOINT (OR WALL WHERE THERE IS NO CONTROL OR EXPANSION JOINT) AT EDGE OF CANTED ROOF DECKING TO ALLOW FOR INSULATION HEIGHT DIFFERENCE. SEE DETAIL 2/44.8.
- 4 DO NOT INSTALL A DRAIN SUMP AT THIS ROOF DRAIN. INSTALL THE ROOF DRAIN LEVEL WITH THE SURFACE OF THE ROOF INSULATION.

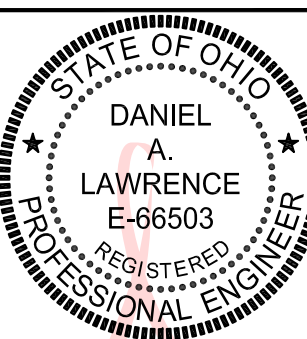


KEY PLAN

The logo of the American Society of Mechanical Engineers (ASME) is a circular emblem. It features a horizontal line across the center. Above the line is the number '1' and below the line is the text 'A3.0'.

TAPERED INSULATION PLAN - BASE BID

SCALE: 1" = 15'-0"

[illegible]

Digitally signed by Daniel Lawrence
Date: 2026.07.01 12:20:16 -04'00'



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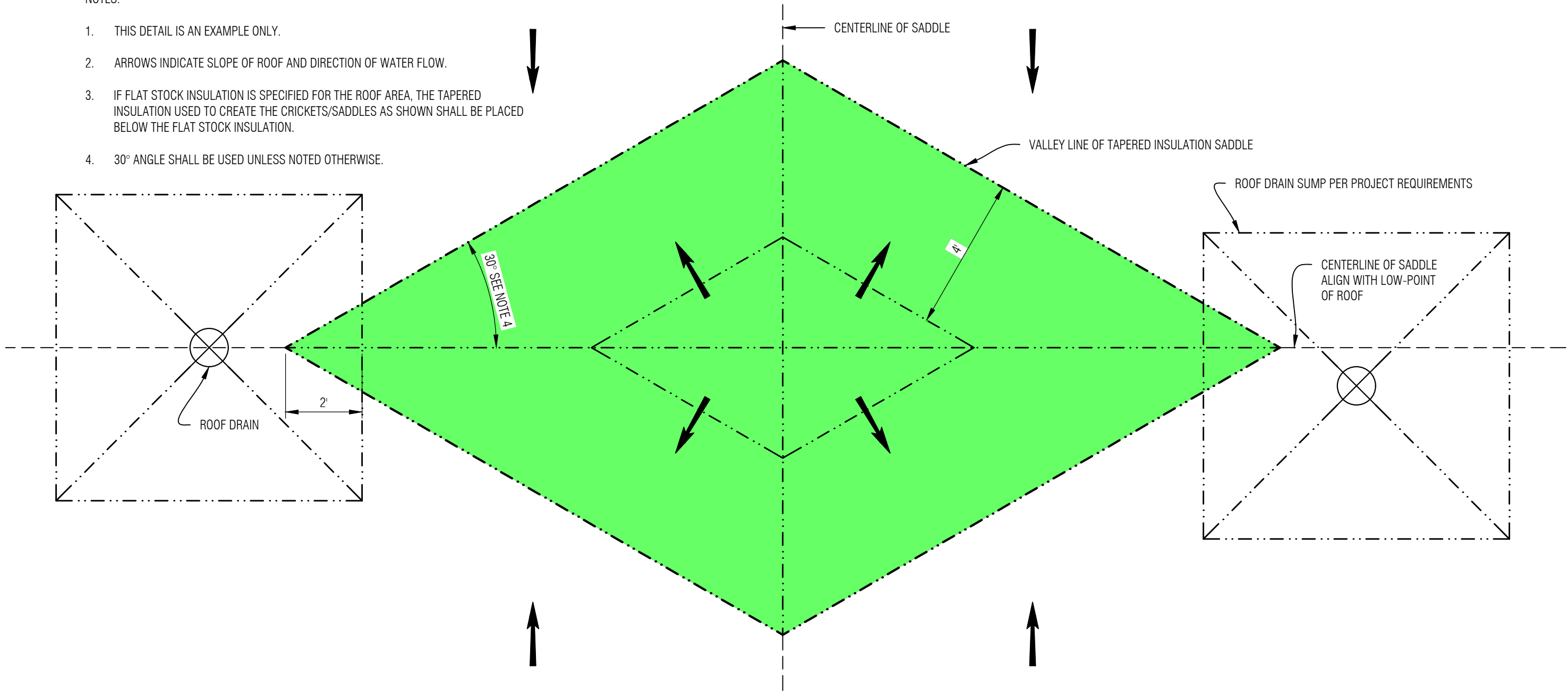
AS NOTED

By: EMD

No.: **A3.0**

Sheet Name: TAPERED INSULATION PLAN - BASE BID

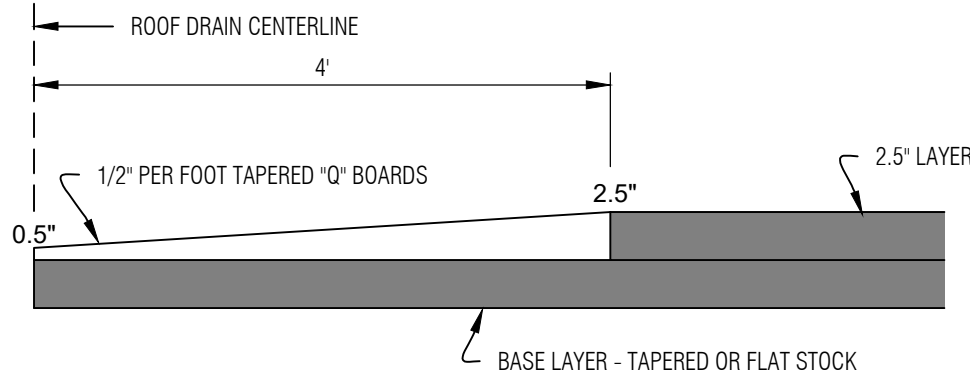
- NOTES:
- THIS DETAIL IS AN EXAMPLE ONLY.
 - ARROWS INDICATE SLOPE OF ROOF AND DIRECTION OF WATER FLOW.
 - IF FLAT STOCK INSULATION IS SPECIFIED FOR THE ROOF AREA, THE TAPERED INSULATION USED TO CREATE THE CRICKETS/SADDLES AS SHOWN SHALL BE PLACED BELOW THE FLAT STOCK INSULATION.
 - 30° ANGLE SHALL BE USED UNLESS NOTED OTHERWISE.



4 TAPERED INSULATION SADDLE LAYOUT BETWEEN DRAINS

SCALE: NONE

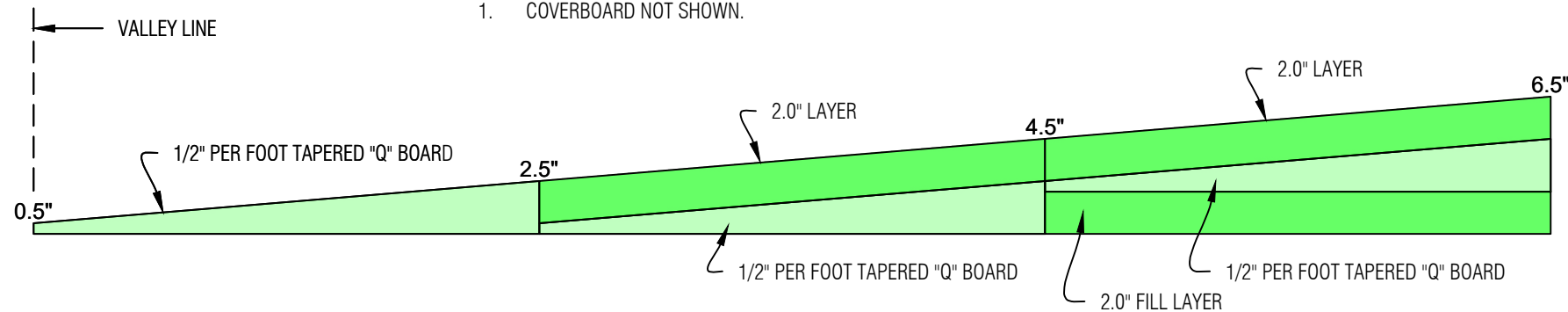
- THE INSULATION THICKNESS LISTED IS ONLY FOR THE TOP LAYER. THE BASE LAYER MAY VARY DEPENDING ON THE ROOF AREA - SEE THE ROOF COMPOSITION ON THE ROOF PLAN FOR THE ACTUAL BASE LAYER(S) INSULATION CONFIGURATION.
- COVERBOARD NOT SHOWN.



3 1/2" TAPERED INSULATION DRAIN SUMP

SCALE: NONE

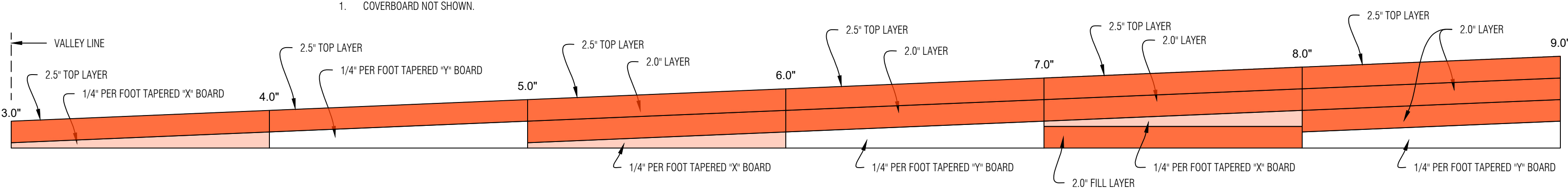
- NOTE:
- COVERBOARD NOT SHOWN.



2 1/2" PER FOOT TAPERED INSULATION - CRICKETS AND SADDLES

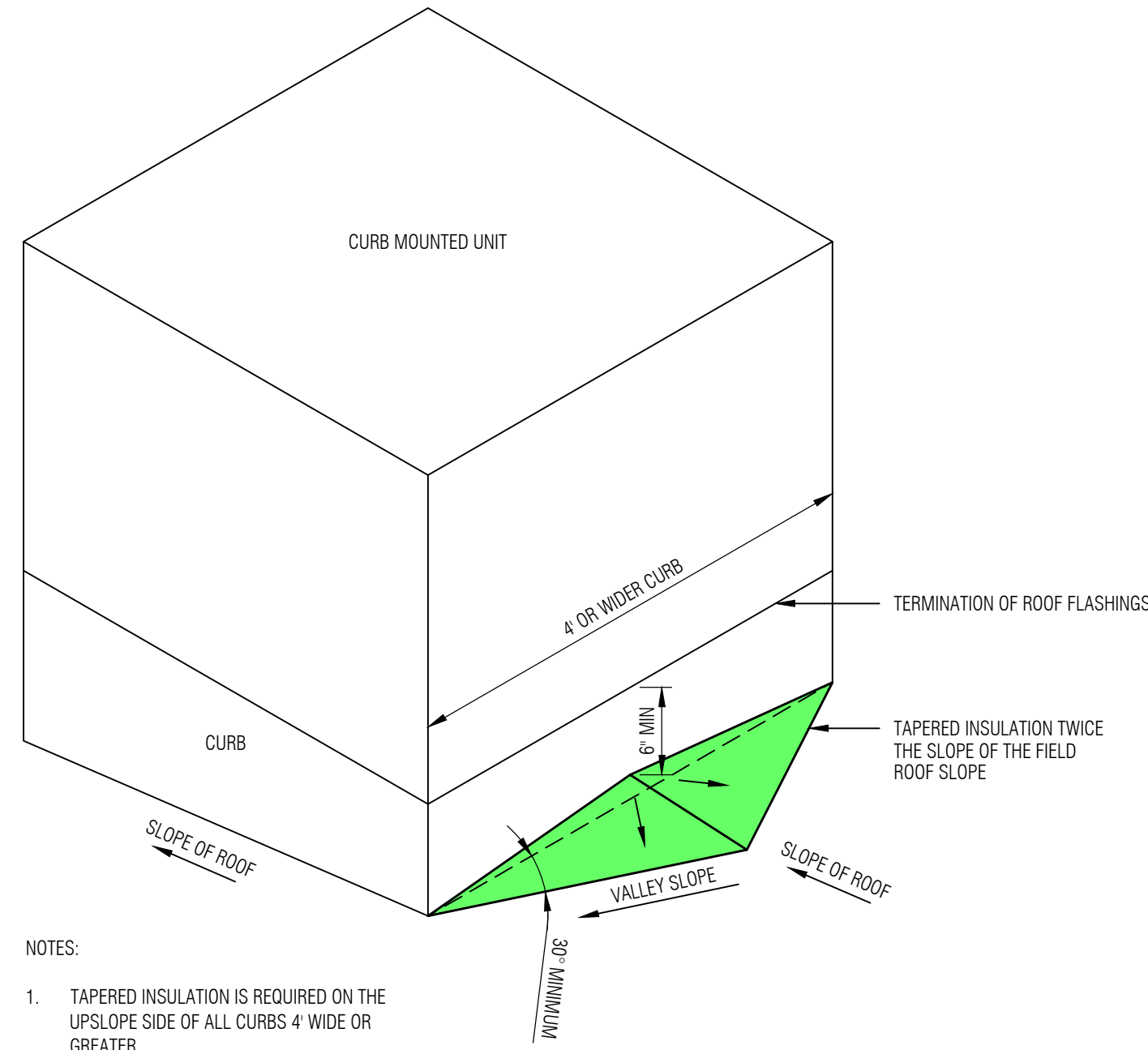
SCALE: NONE

- NOTE:
- COVERBOARD NOT SHOWN.



1 1/4" PER FOOT TAPERED INSULATION

SCALE: NONE



- NOTES:
- TAPERED INSULATION IS REQUIRED ON THE UPSLOPE SIDE OF ALL CURBS 4' WIDE OR GREATER.

5 INSULATION CRICKET AT LARGE CURB

SCALE: NONE

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DUBLIN CITY
SCHOOL DISTRICT
COFFMAN HIGH SCHOOL

6700 COFFMAN ROAD
DUBLIN, OHIO 43017

Approved By:
DAL

Date:
02.27.2026

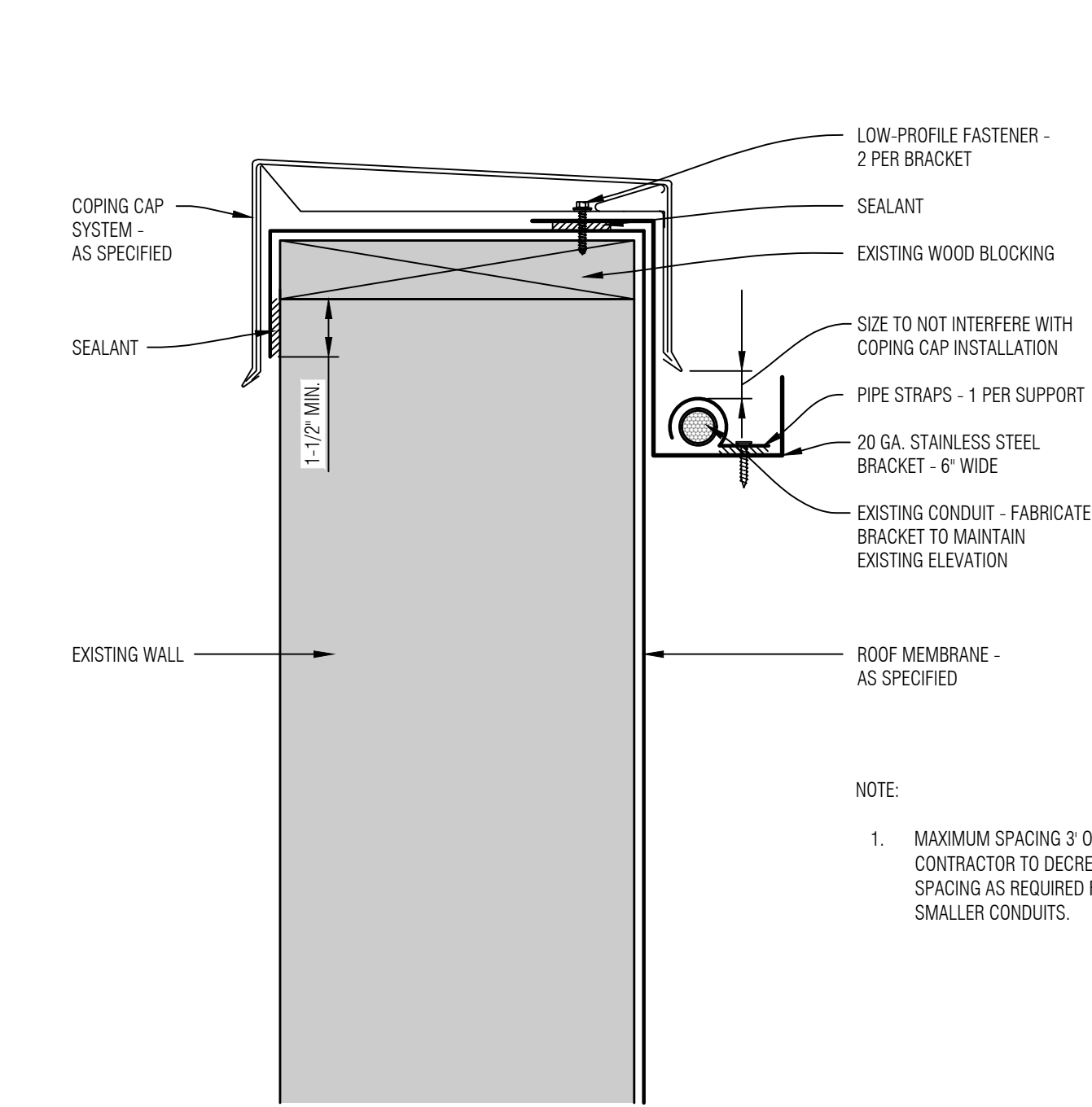
Job No.:
DOH43-002-06

Scale:
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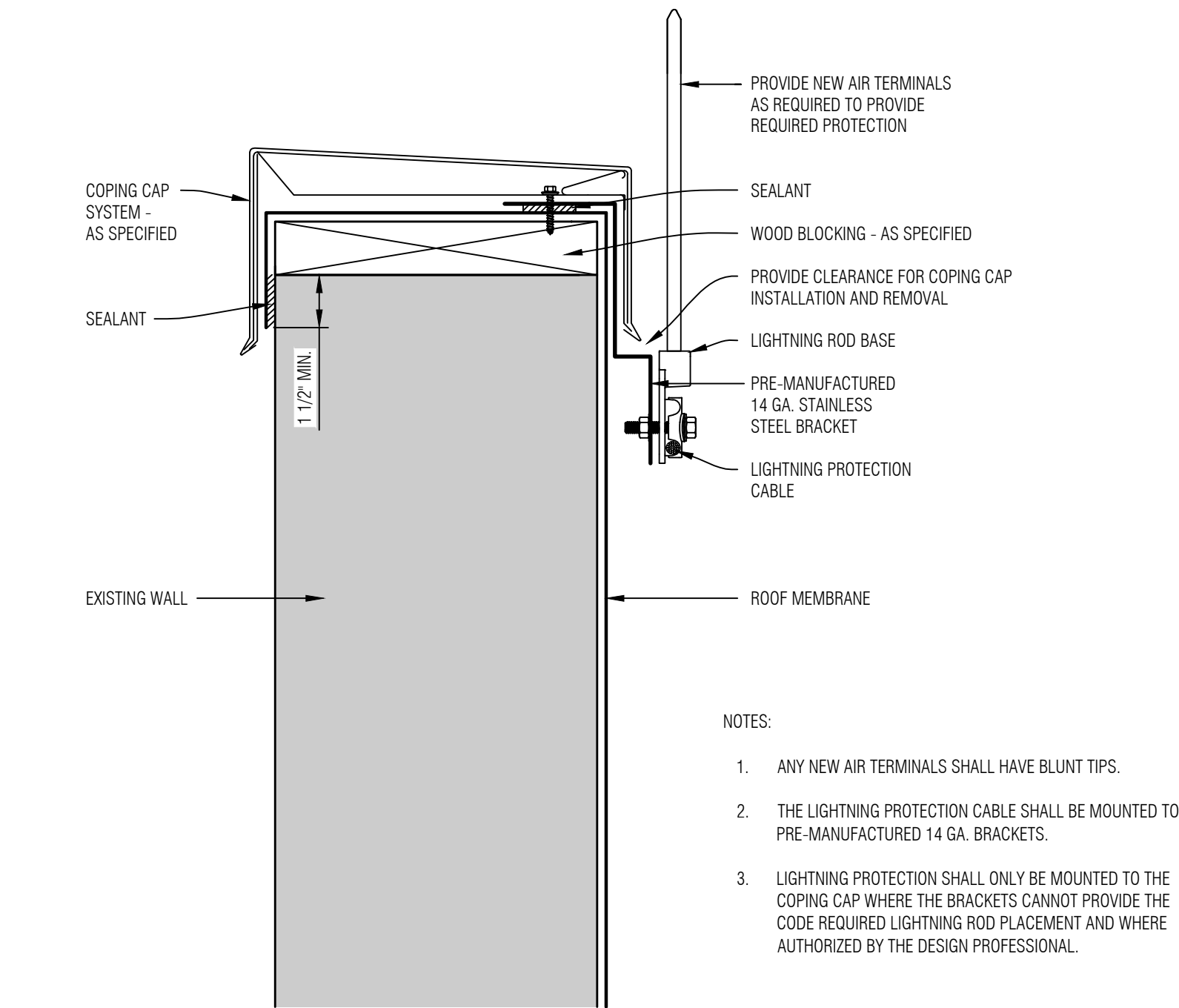
Drawn By:
EMD

Sheet No.:
A3.1

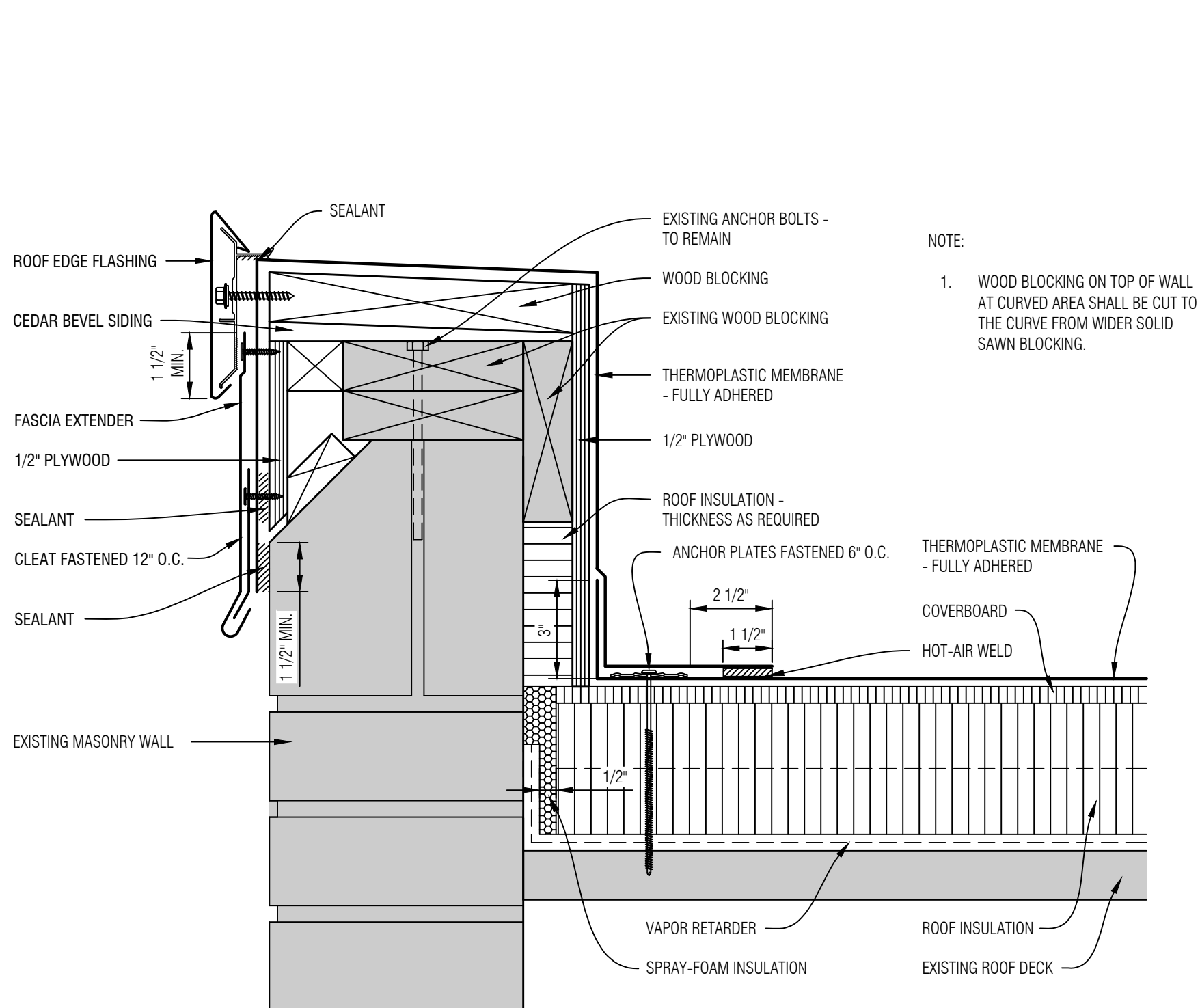
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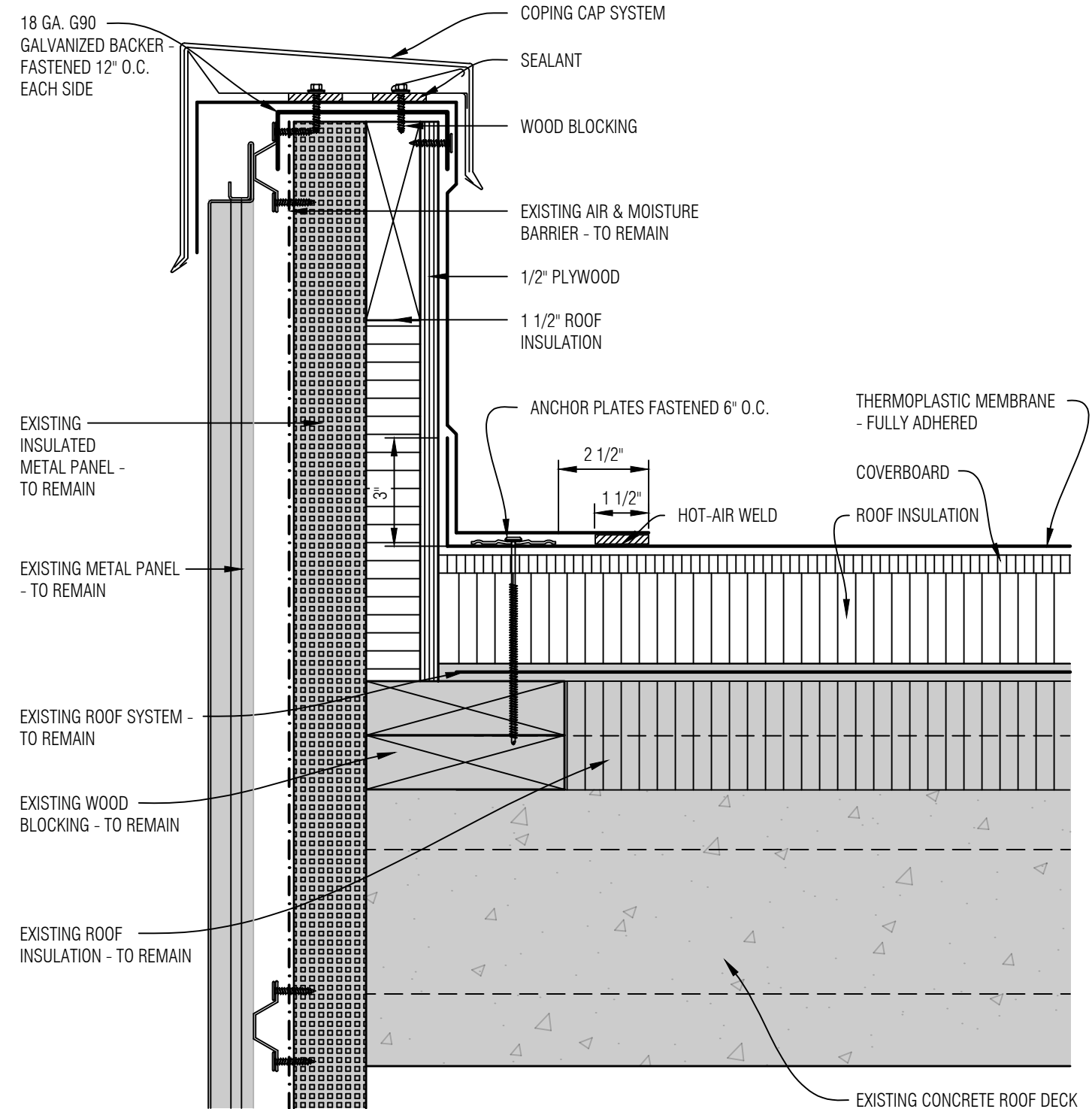
4 CONDUIT SUPPORT AT PARAPET WALL
A4.0 SCALE: NONE



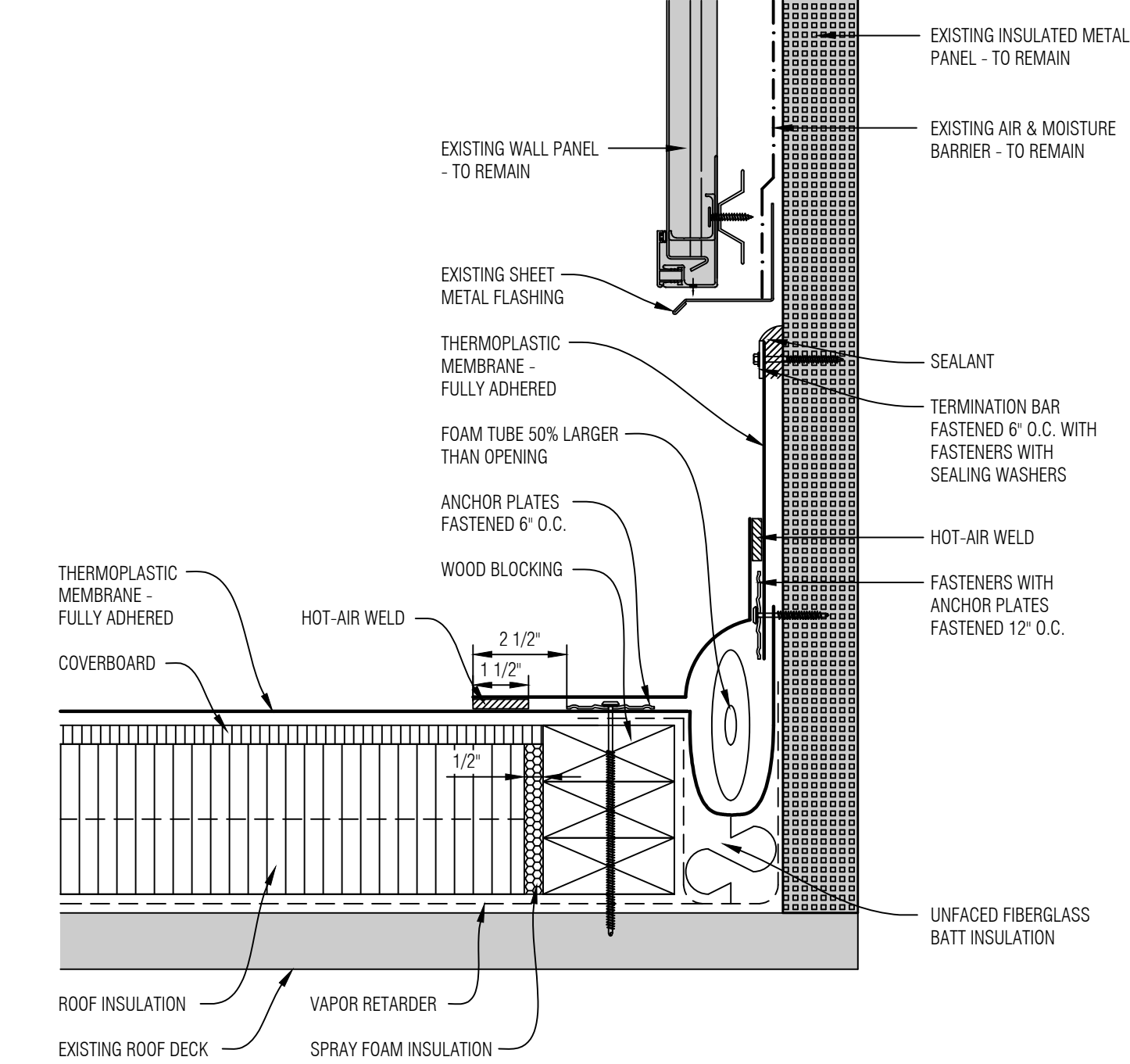
5 LIGHTNING ROD BRACKET AT COPING CAP
A4.0 SCALE: NONE



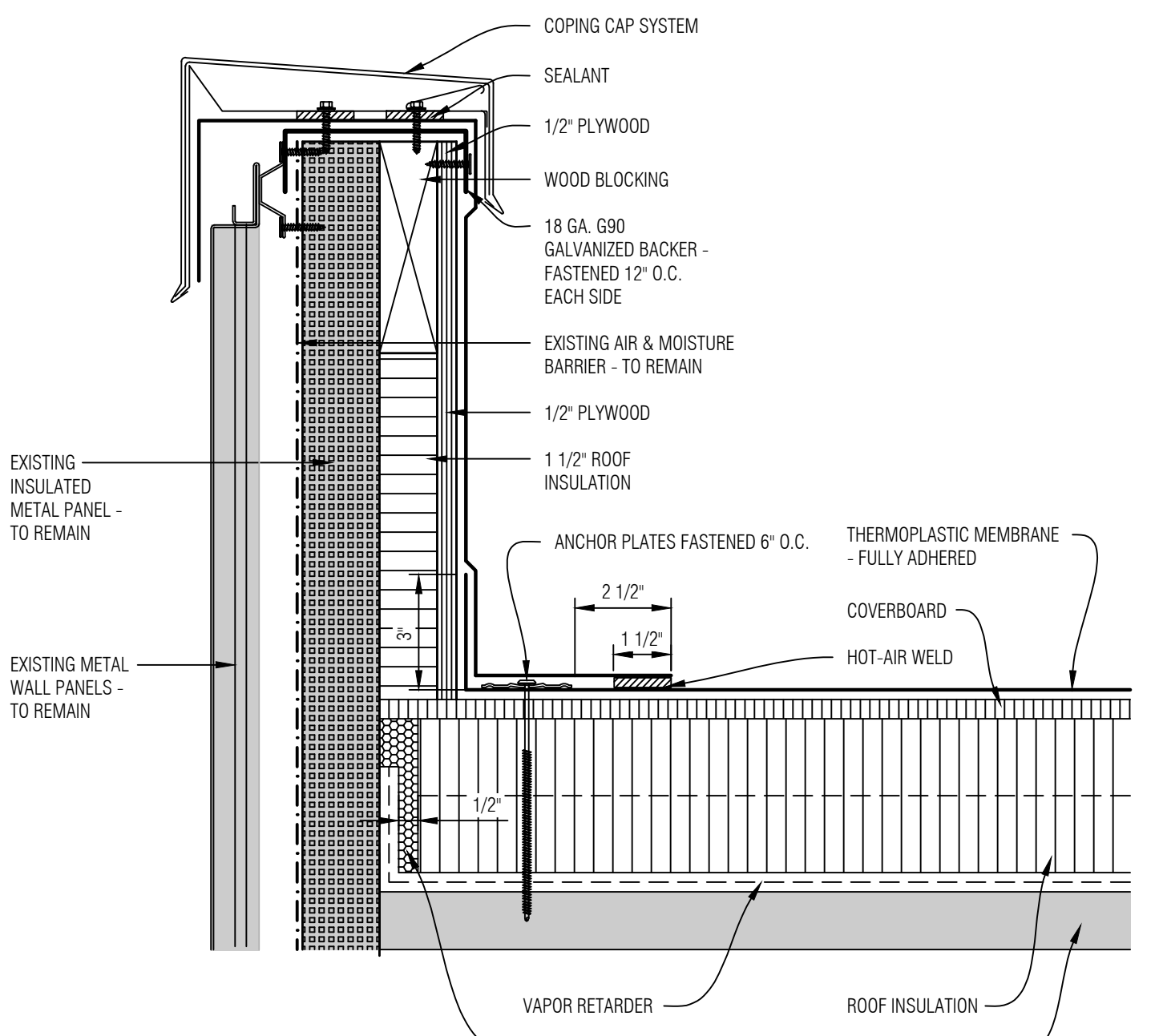
3 COPING CAP AT BRICK MASONRY DETAIL
A4.0 SCALE: NONE



2 COPING CAP DETAIL - ROOF AREA R
A4.0 SCALE: NONE



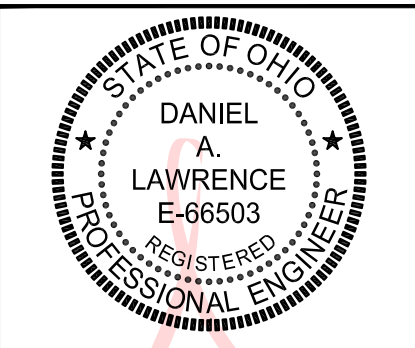
6 EXPANSION JOINT BASE FLASHING AT METAL WALL PANELS DETAIL
A4.0 SCALE: NONE



1 COPING CAP DETAIL
A4.0 SCALE: NONE

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	07.02.26
1	Design Development	06.12.26



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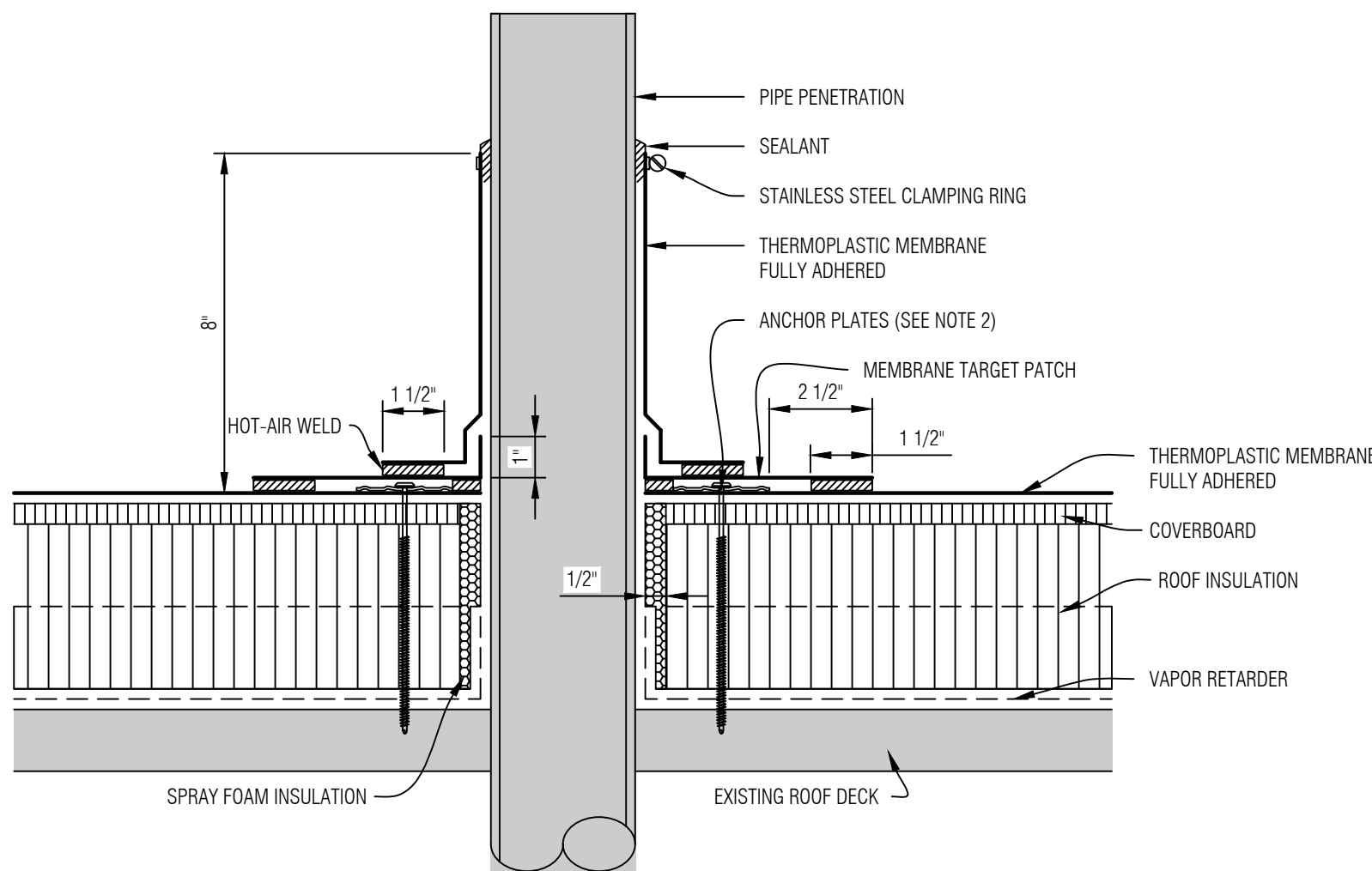
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Project:
2027 ROOF
REPLACEMENT AT
COFFMAN HIGH SCHOOL
DUBLIN CITY
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COFFMAN HIGH SCHOOL
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Approved By: DAL
Date: 02.27.2026
Job No.: DOH43-002-06
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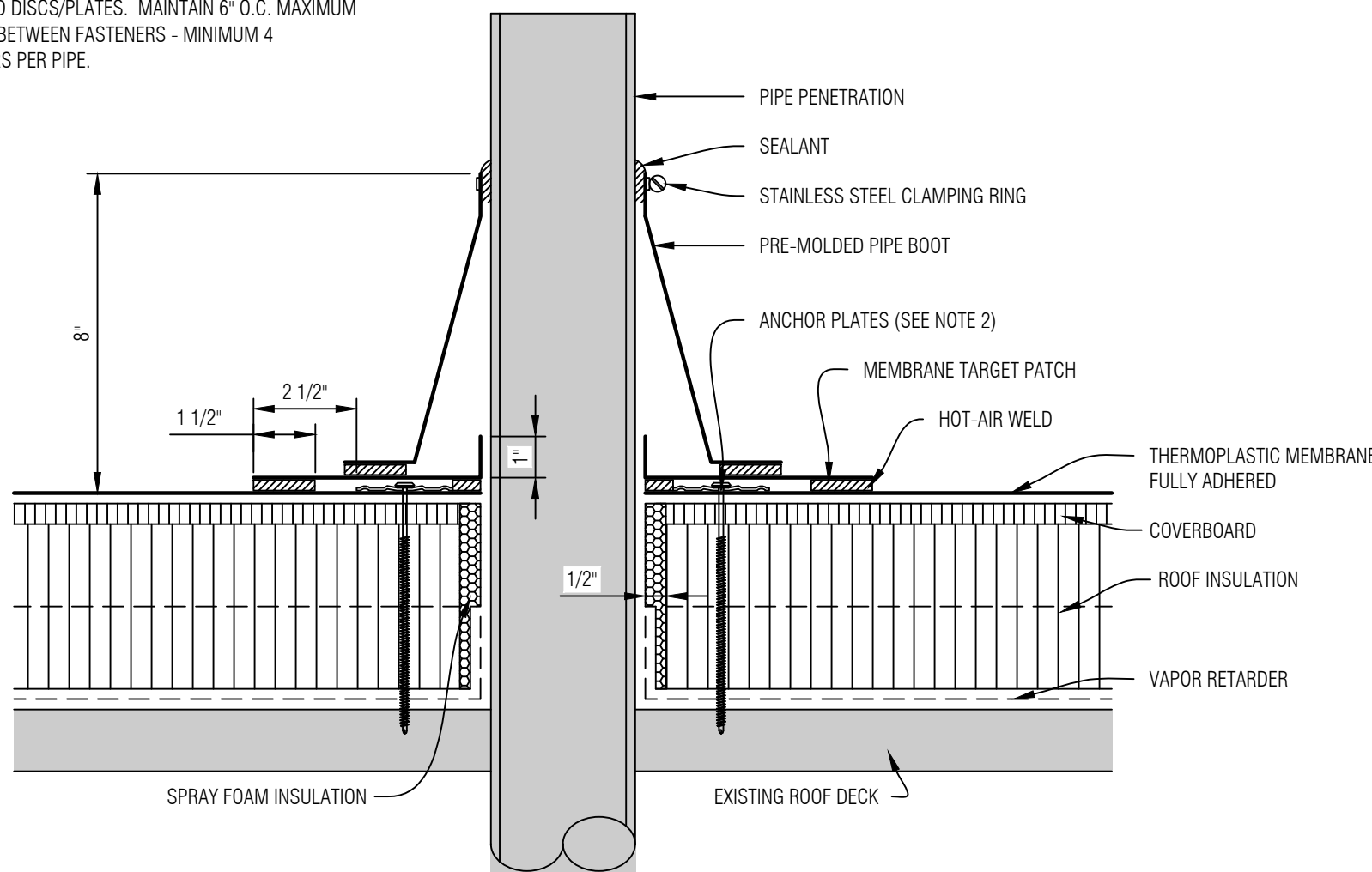
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DETAILS



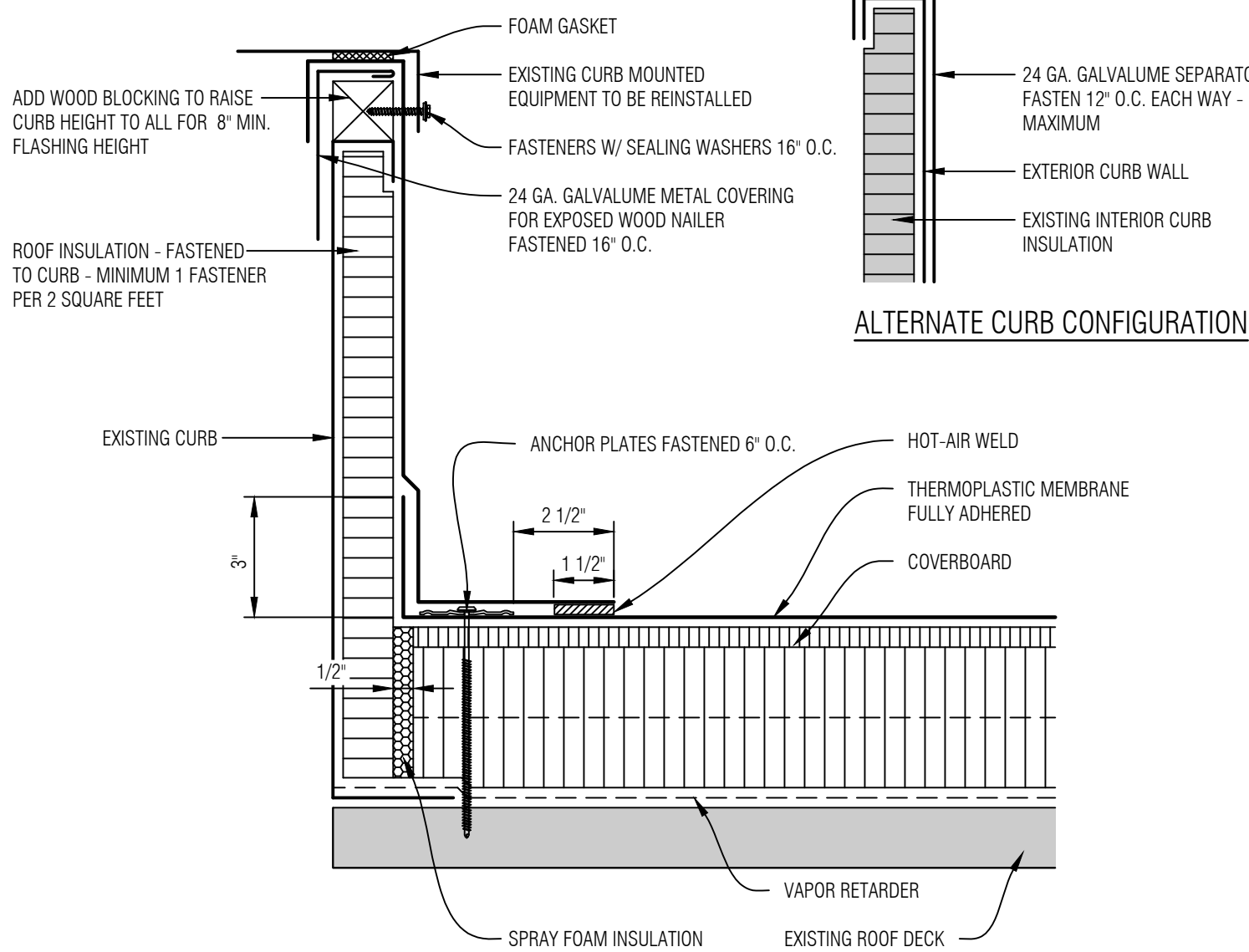
- NOTES:
- ALUMINUM TAPE SEPARATION IS REQUIRED IF EXISTING PENETRATION IS CONTAMINATED.
 - INSTALL 2" DIAMETER MEMBRANE MANUFACTURERS APPROVED DISC/PLATES. MAINTAIN 6" O.C. MAXIMUM SPACING BETWEEN FASTENERS - MINIMUM 4 FASTENERS PER PIPE.

ALTERNATE PIPE FLASHING



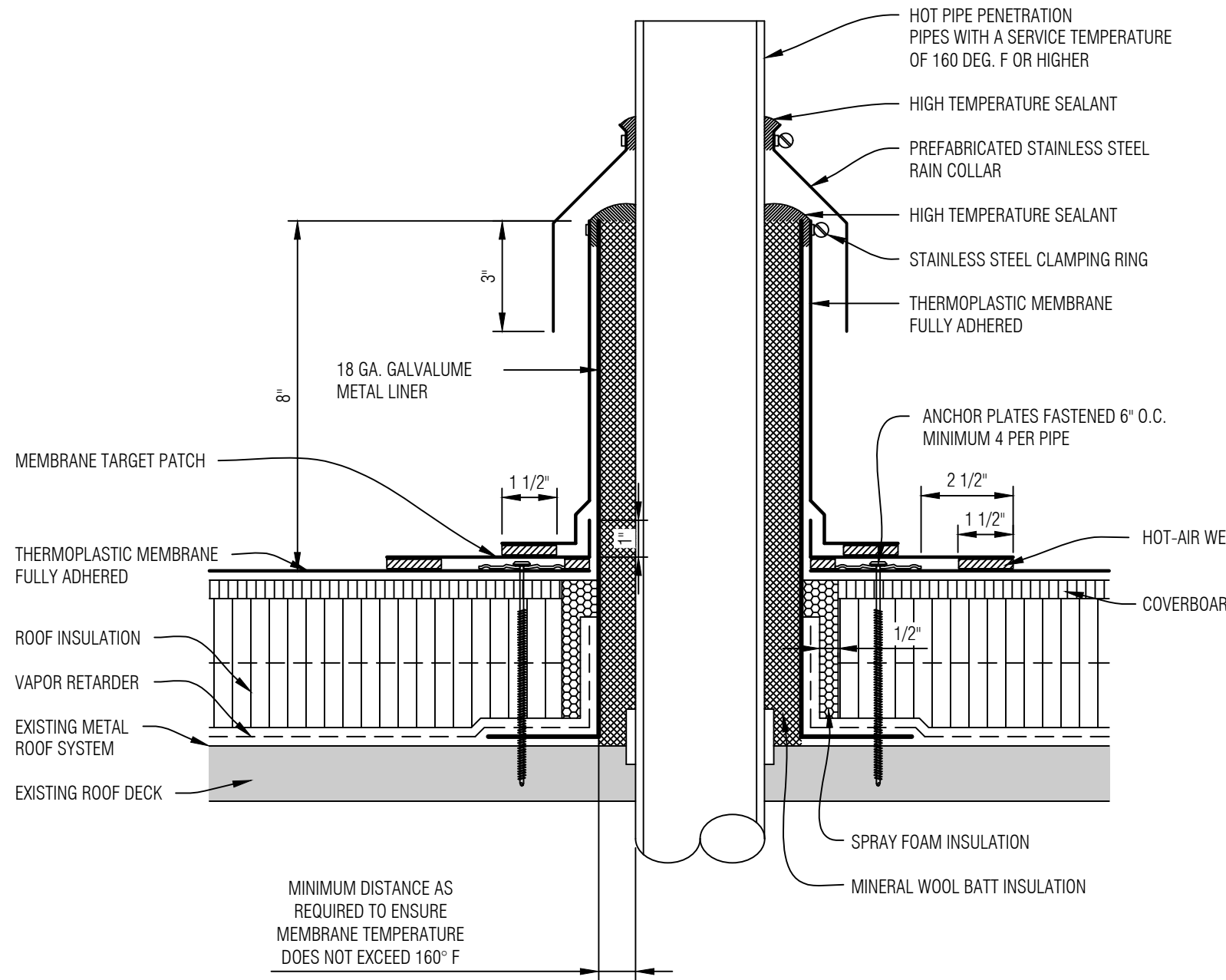
4 PRE-MOLDED PIPE FLASHING DETAIL

A4.1 SCALE: NONE



3 SMALL CURB FLASHING DETAIL

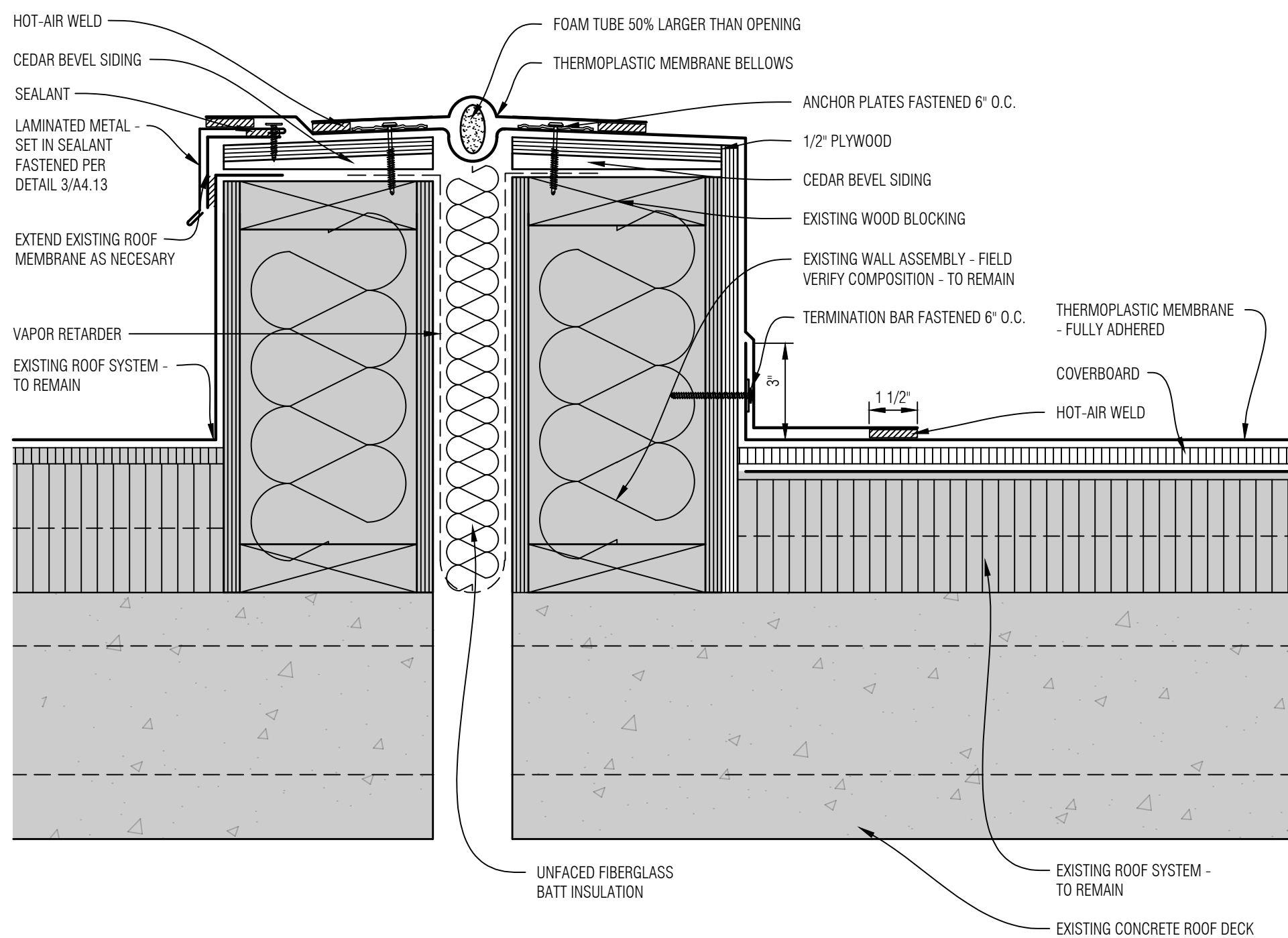
A4.1 SCALE: NONE



5 HOT PIPE FLASHING DETAIL

A4.1 SCALE: NONE

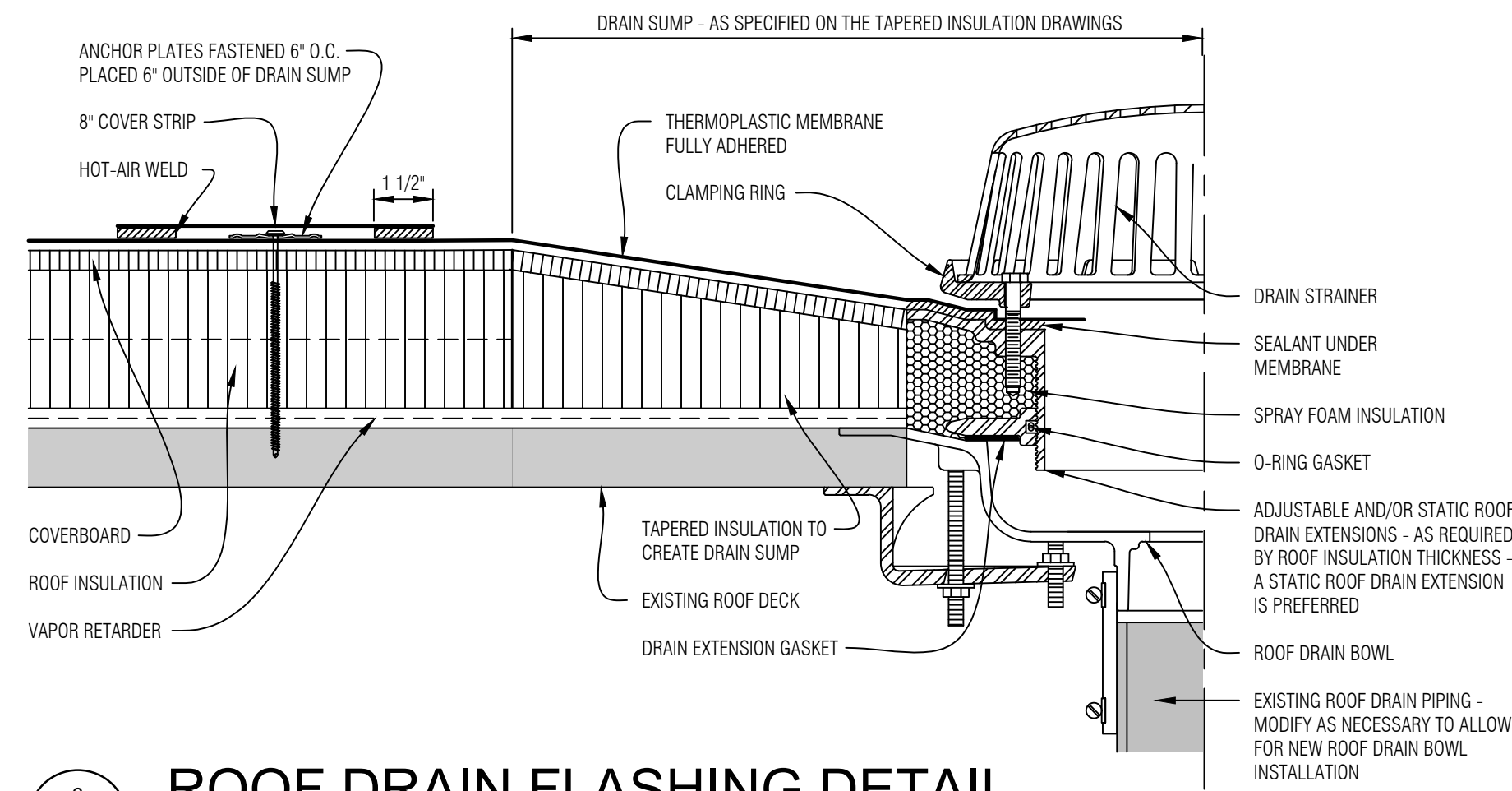
- NOTE:
- THE EXISTING ROOF SYSTEM (ROOF AREA J) HAS AN ACTIVE ROOF SYSTEM WARRANTY. THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM THE EXISTING ROOF SYSTEM MANUFACTURER FOR THE MODIFICATION TO THE ROOF SYSTEM PRIOR TO STARTING THE WORK.



2 EXPANSION JOINT AT EXISTING ROOF SYSTEM

A4.1 SCALE: NONE

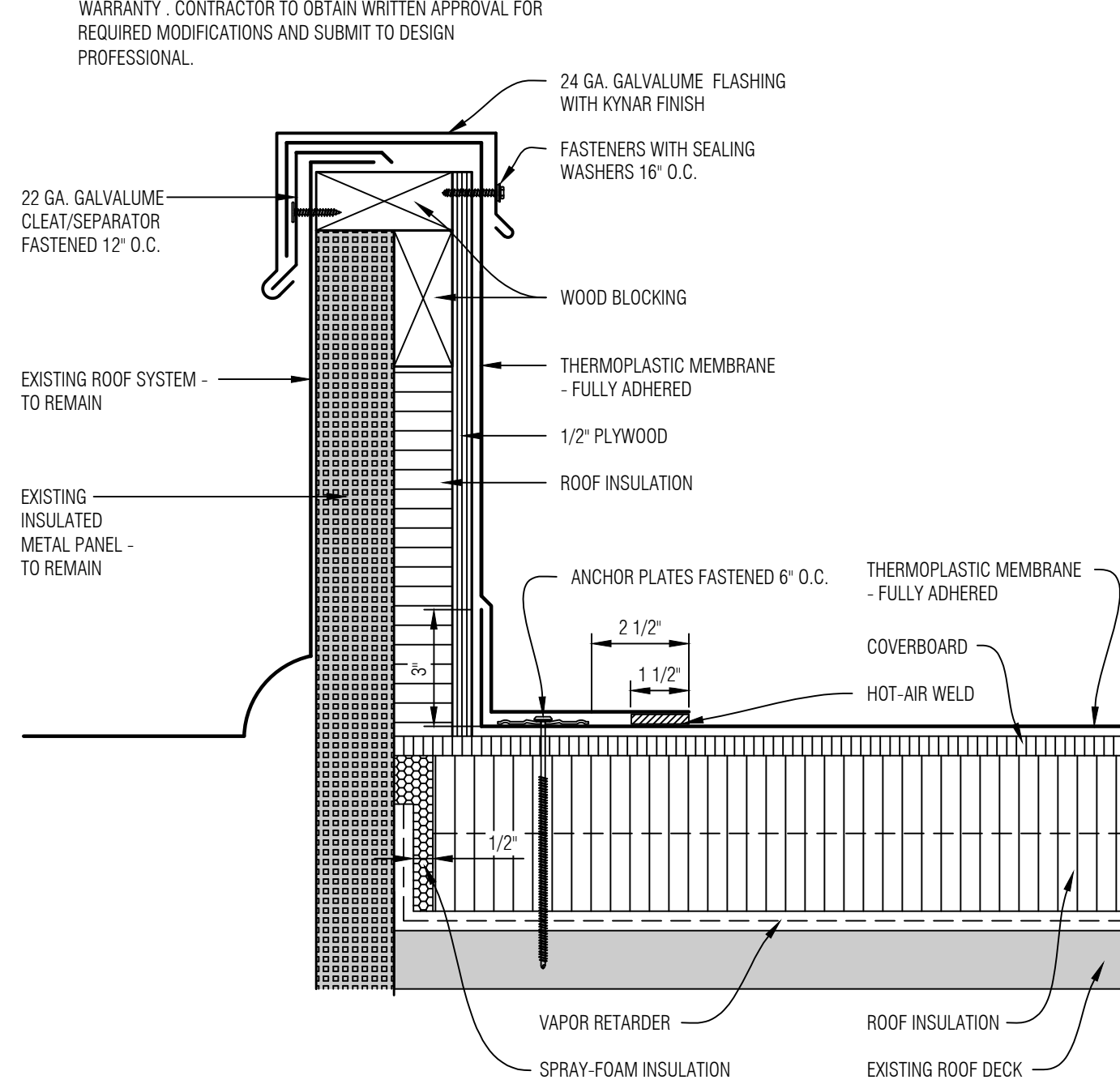
- NOTES:
- TAPER ROOF INSULATION TO DRAIN BODY. PROVIDE TAPERED INSULATION AS SPECIFIED ON THE TAPERED INSULATION DRAWINGS. ROOF INSULATION FASER SHALL NOT BE SHAVED OFF BY FIELD TAPERING.
 - FORM FLASHING MEMBRANE TO DRAIN BODY AND INSULATION TAPER. SET FLASHING MEMBRANE IN SEALANT.
 - DURING THE ROOF REMOVAL AND INSTALLATION, INSTALL A TEMPORARY PLUG IN THE ROOF DRAIN TO PREVENT DEBRIS ENTERING THE DRAIN LINE. REMOVE DRAIN PLUG AT THE END OF EACH WORK DAY.
 - INTERIOR ROOF DRAIN BOWL AND DRAINPIPE INSULATION NOT SHOWN, BUT IS REQUIRED TO BE INSTALLED UPON COMPLETION.



6 ROOF DRAIN FLASHING DETAIL

A4.1 SCALE: NONE

- NOTE:
- THE EXISTING ROOF SYSTEM HAS AN ACTIVE MANUFACTURERS WARRANTY. CONTRACTOR TO OBTAIN WRITTEN APPROVAL FOR REQUIRED MODIFICATIONS AND SUBMIT TO DESIGN PROFESSIONAL.

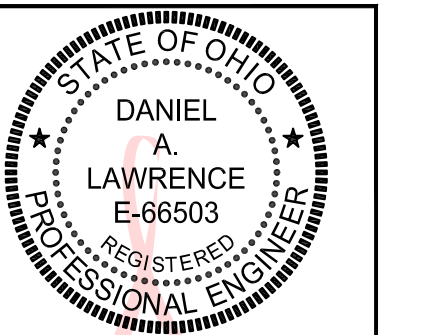


1 ROOF AREA DIVIDER AT EXISTING ROOF

A4.1 SCALE: NONE

GENERAL NOTES

2	Construction Documents	07.02.26
1	Design Development	06.12.26
No.	Revision/Issue	Date



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Lawrence
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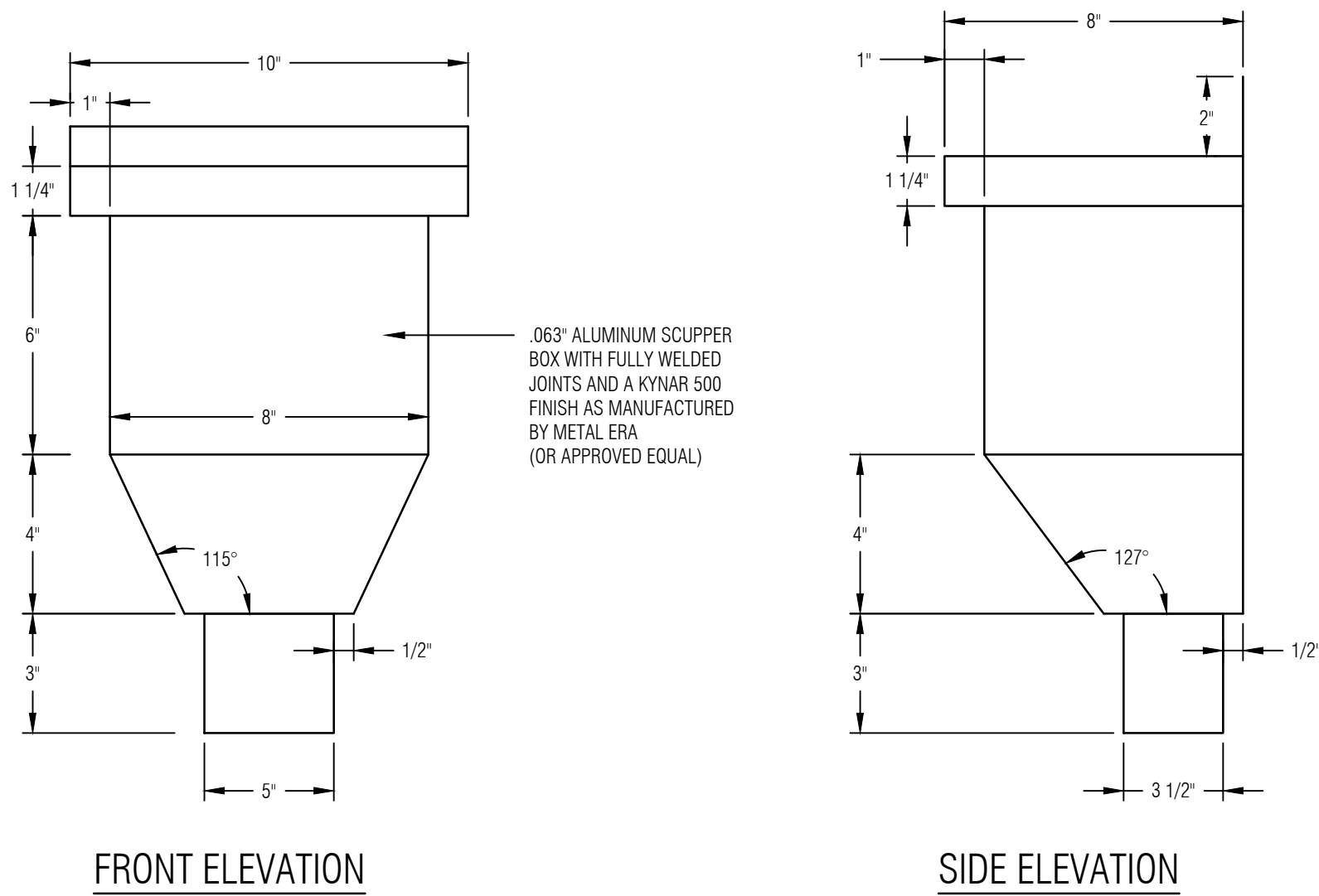
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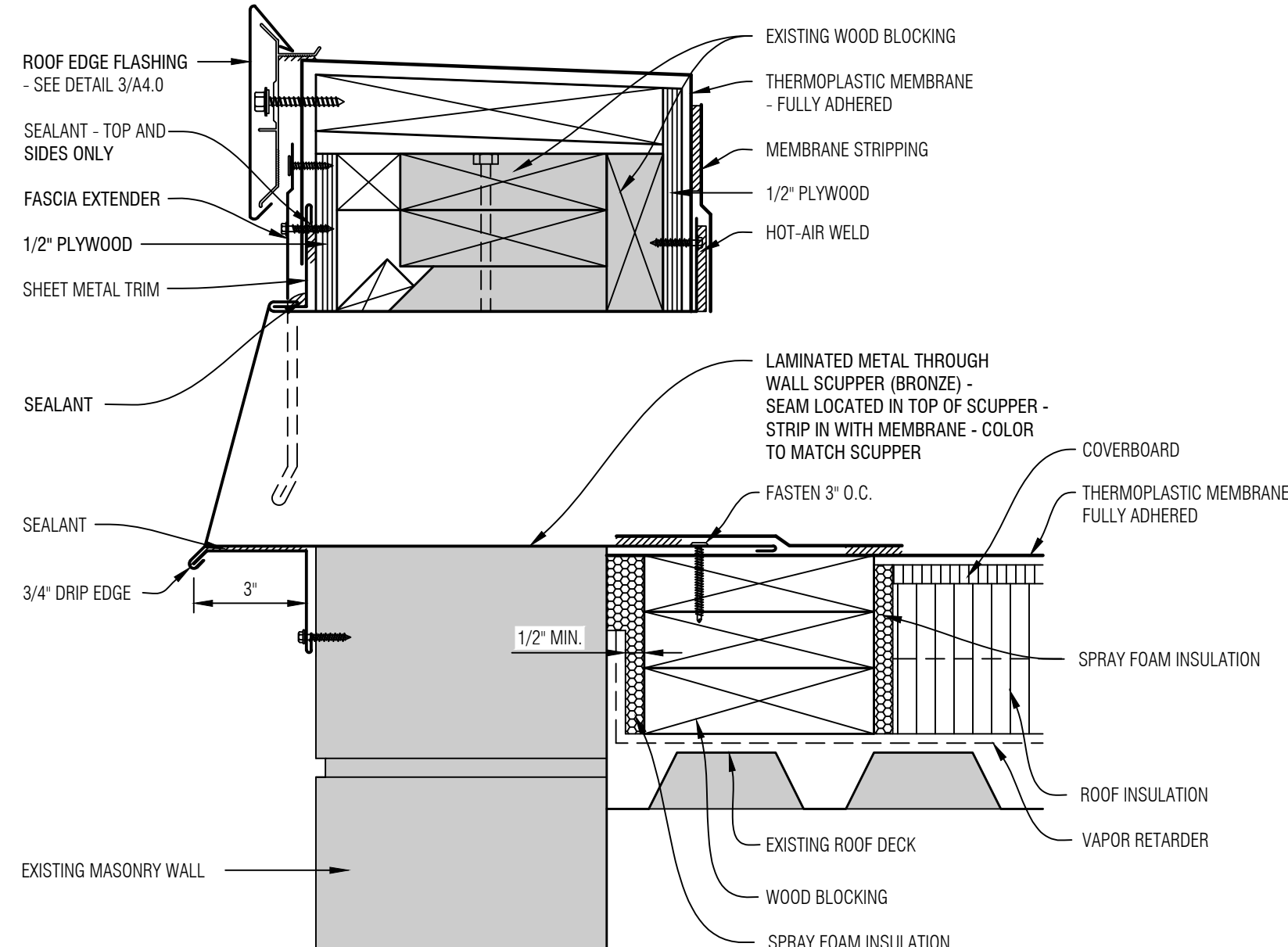
Approved By: **DAL**
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Job No.: **DOH43-002-06**
Scale: **AS NOTED**
Drawn By: **EMD**

Sheet No.: **A4.1**

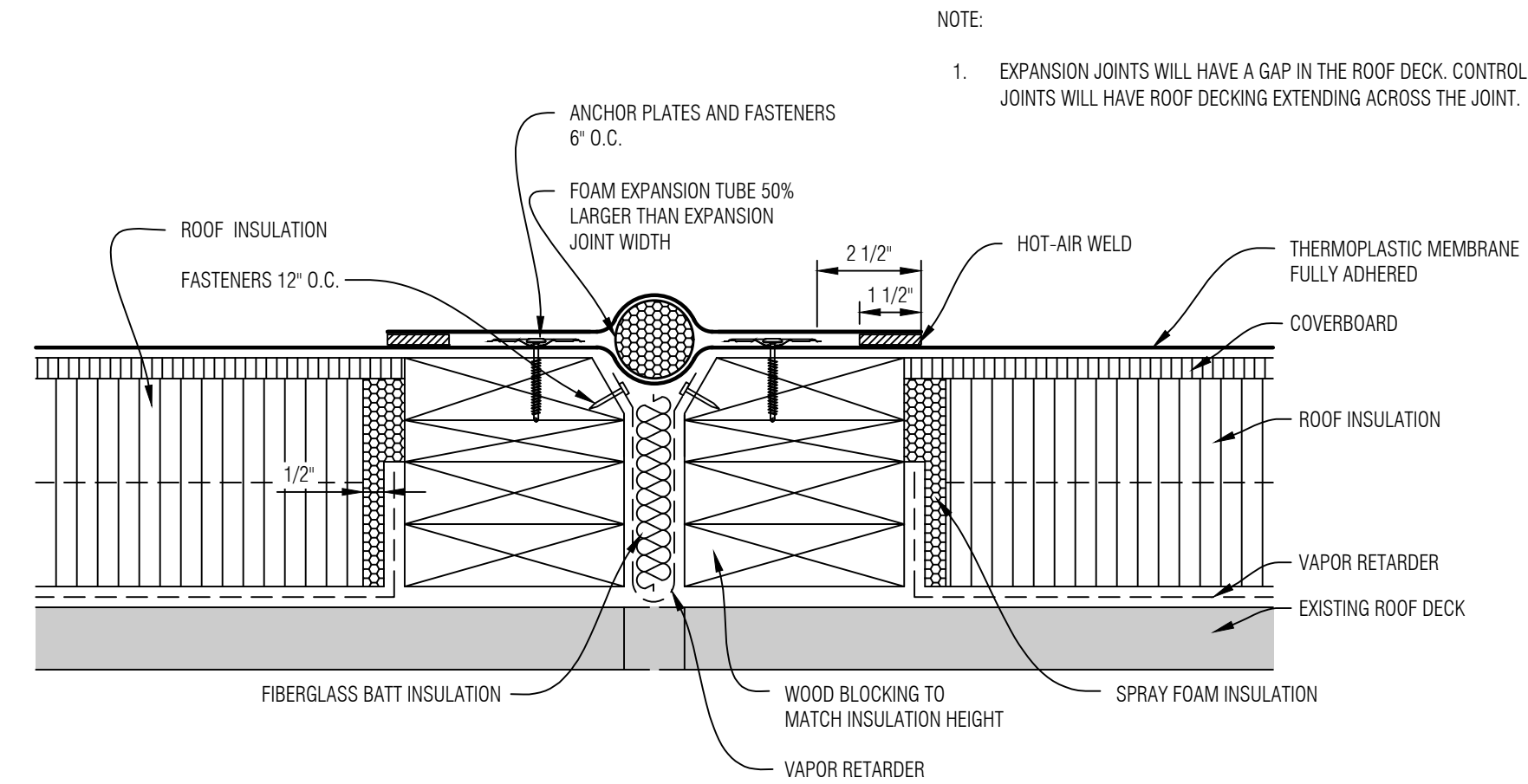
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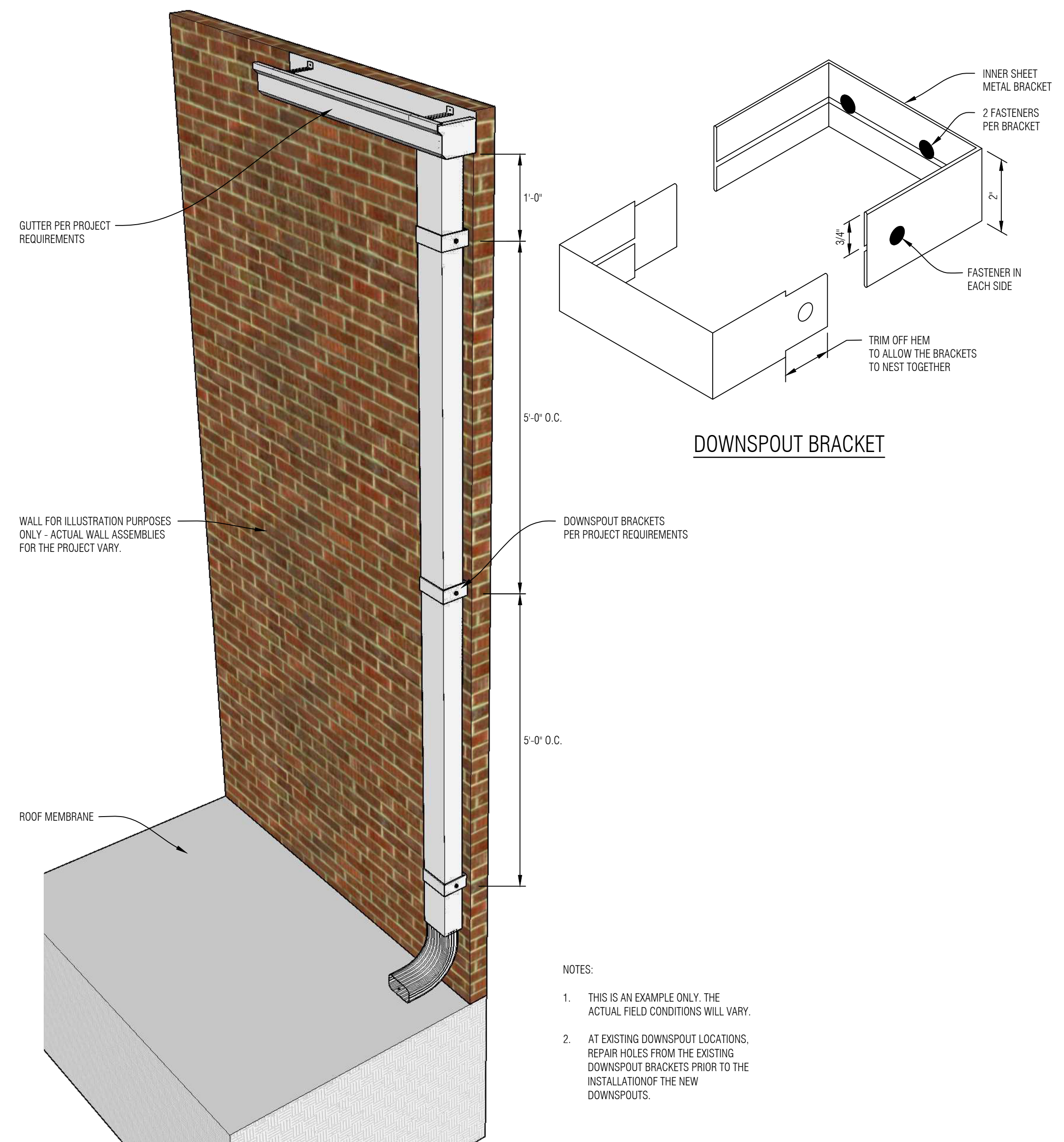
3 COLLECTOR BOX DETAIL
SCALE: NONE



2 THROUGH WALL SCUPPER DETAIL
SCALE: NONE



4 EXPANSION JOINT/ROOF CONTROL FLASHING DETAIL - LOW PROFILE
SCALE: NONE



1 DOWNSPOUT ATTACHMENT DETAIL
SCALE: NONE

GENERAL NOTES

- NOTE:
- EXPANSION JOINTS WILL HAVE A GAP IN THE ROOF DECK. CONTROL JOINTS WILL HAVE ROOF DECKING EXTENDING ACROSS THE JOINT.

2	Construction Documents	07.02.26
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No.	Revision/Issue	Date



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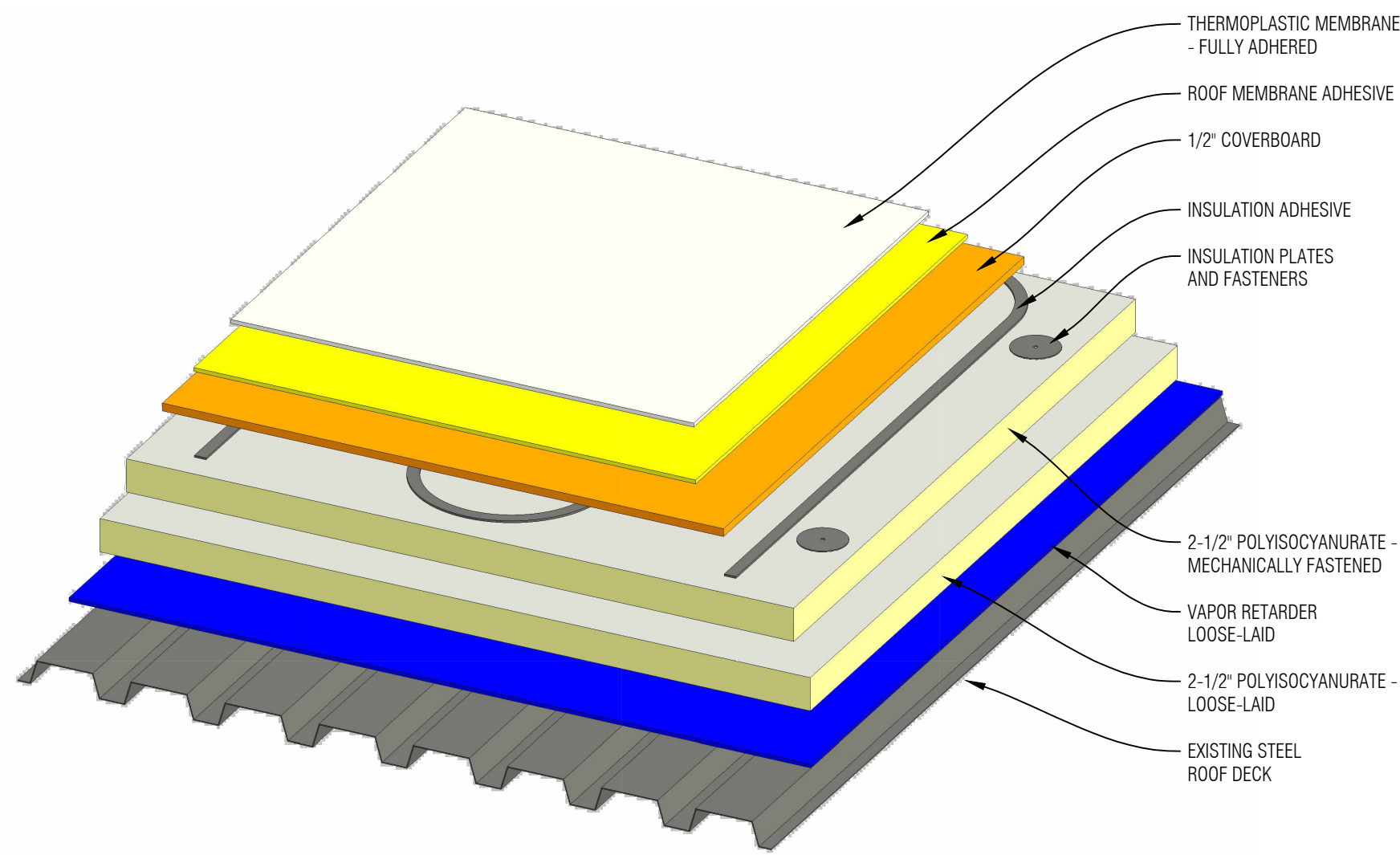
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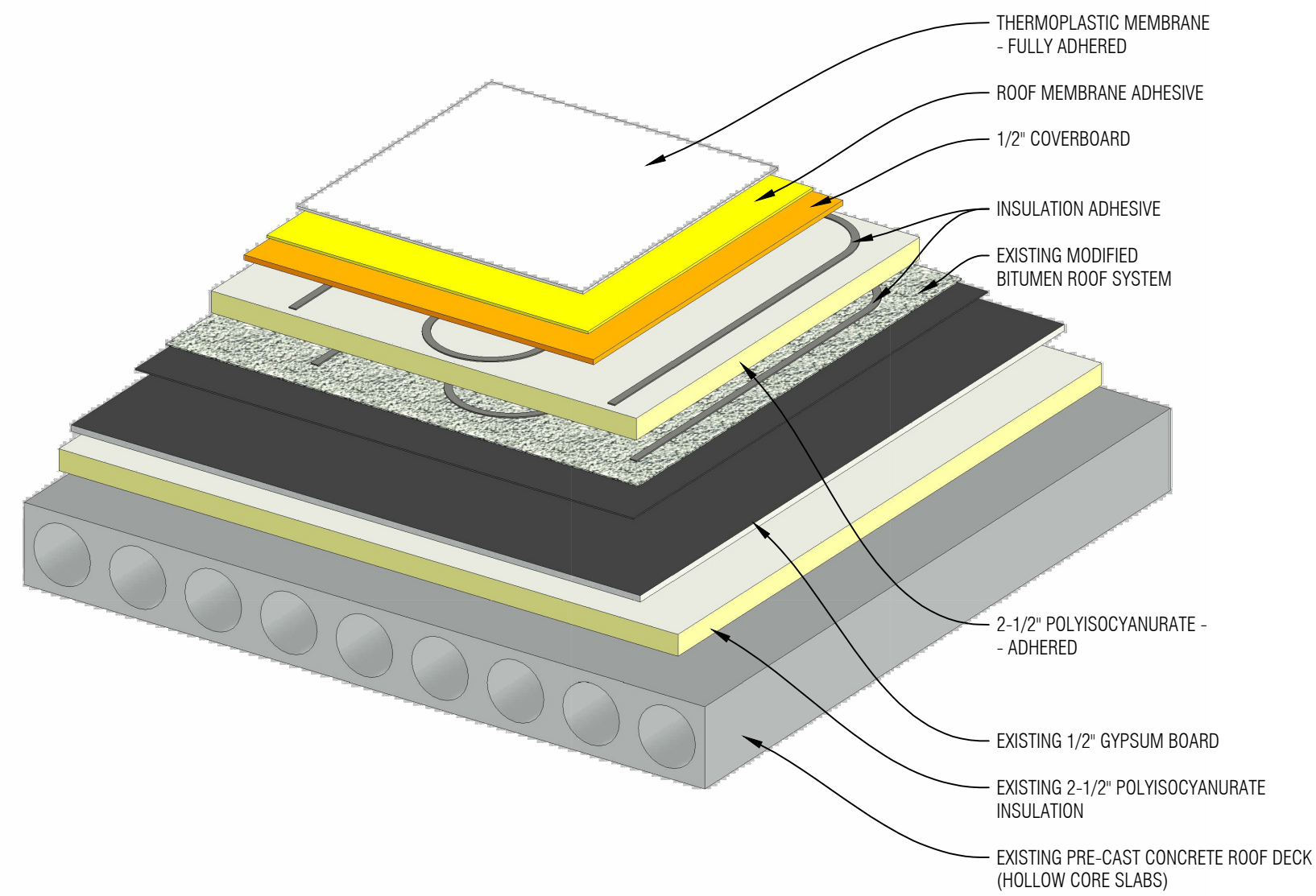
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Sheet No.:
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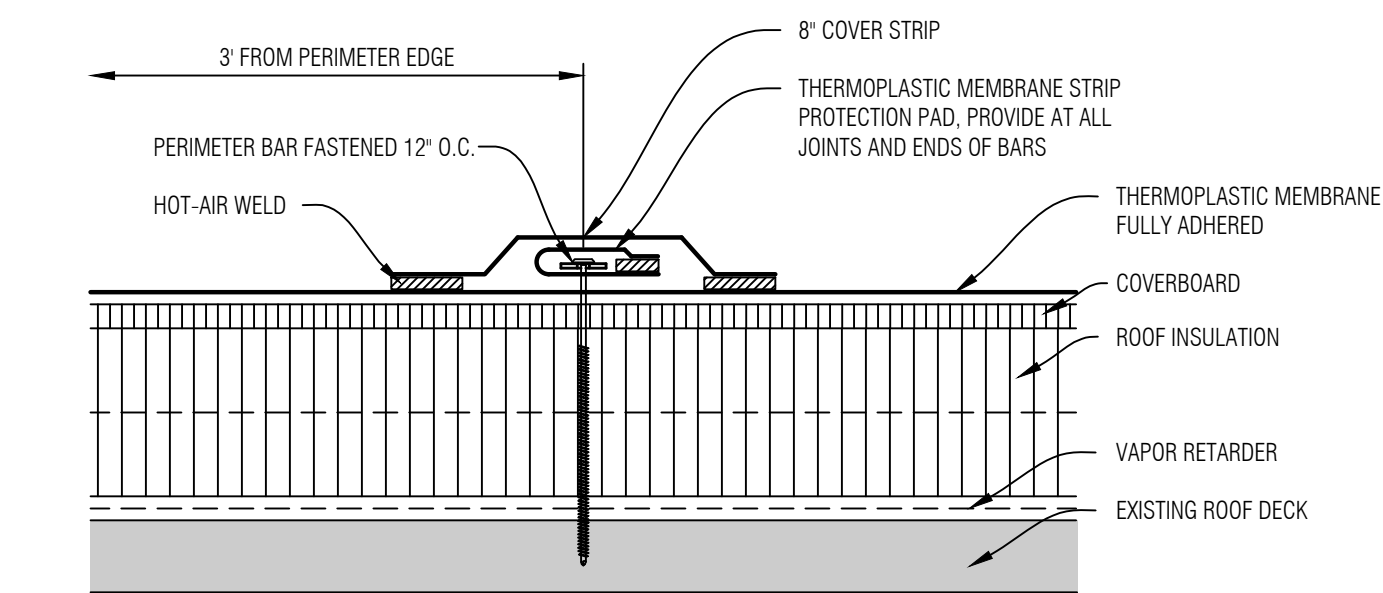
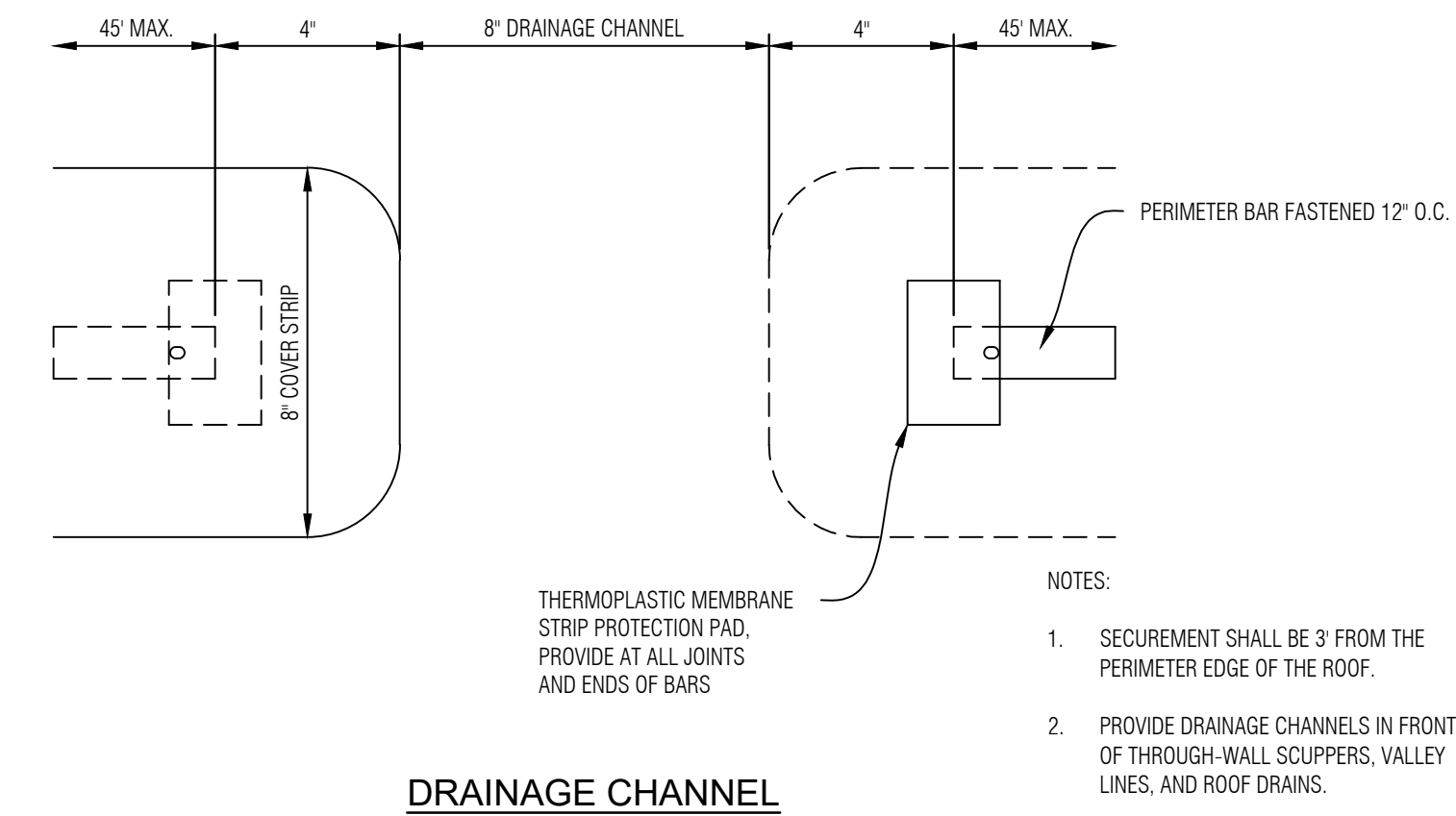
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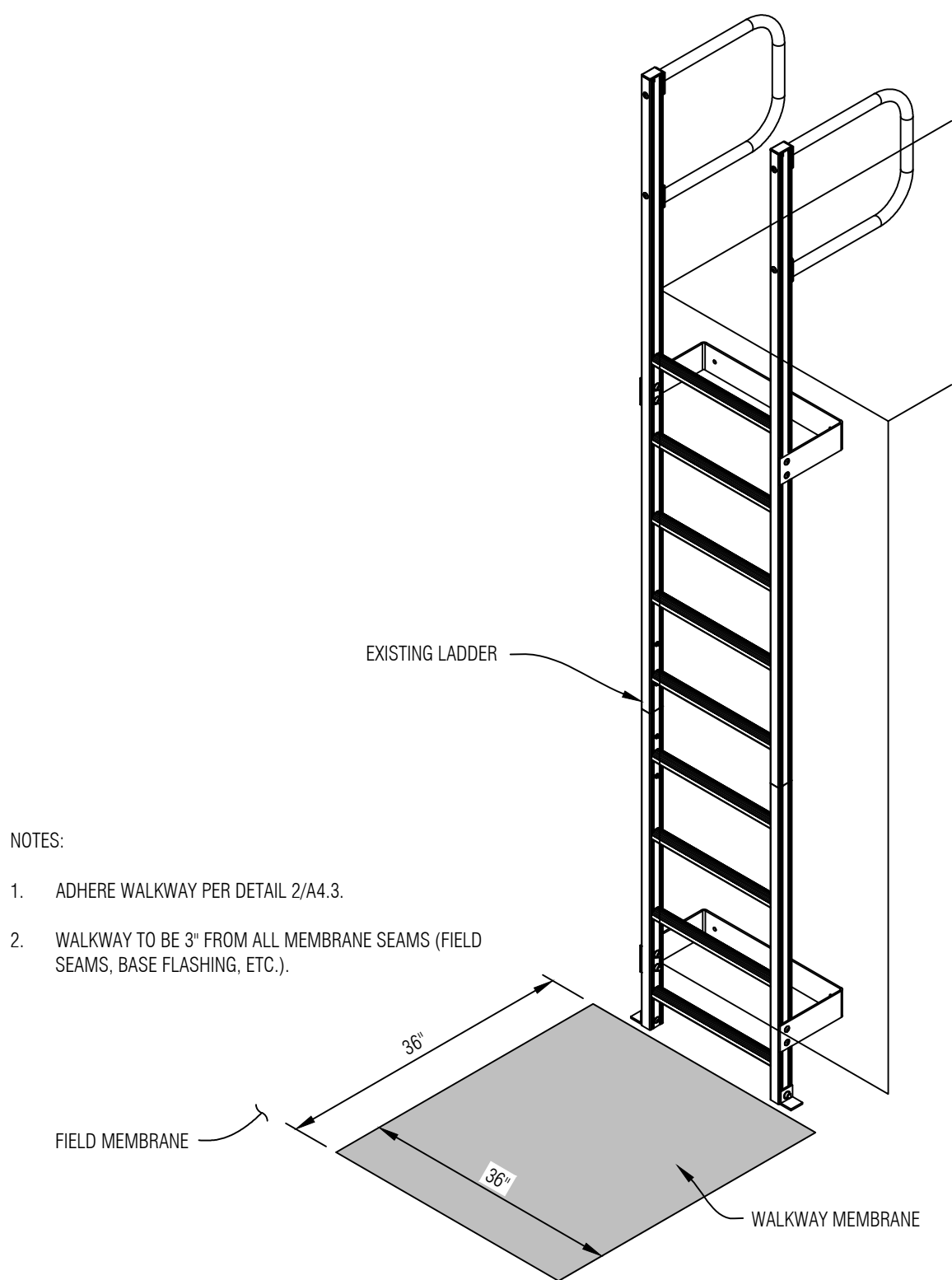
4 ROOF ASSEMBLY #1 DETAIL
A4.3 SCALE: NONE



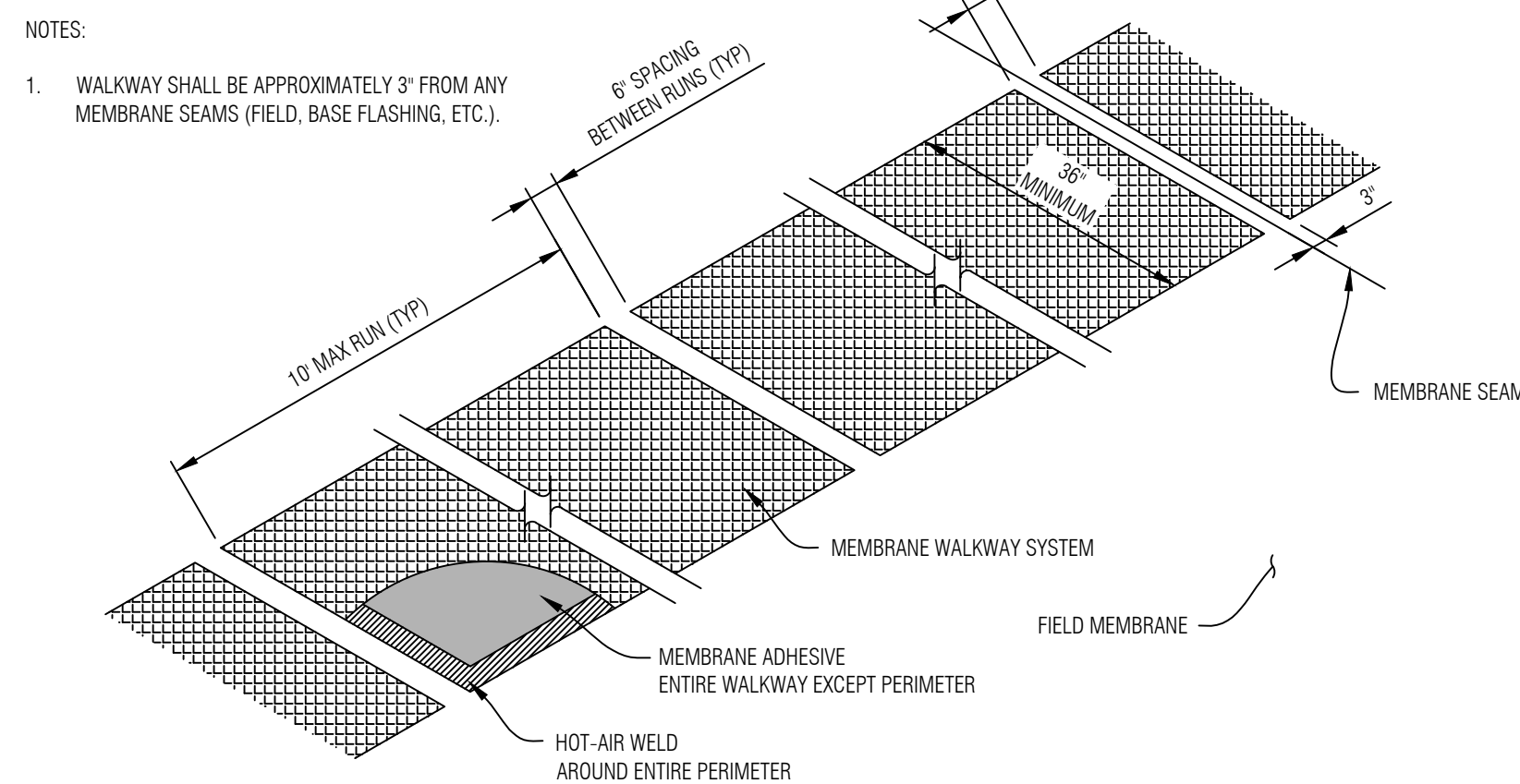
5 ROOF ASSEMBLY #2 DETAIL
A4.3 SCALE: NONE



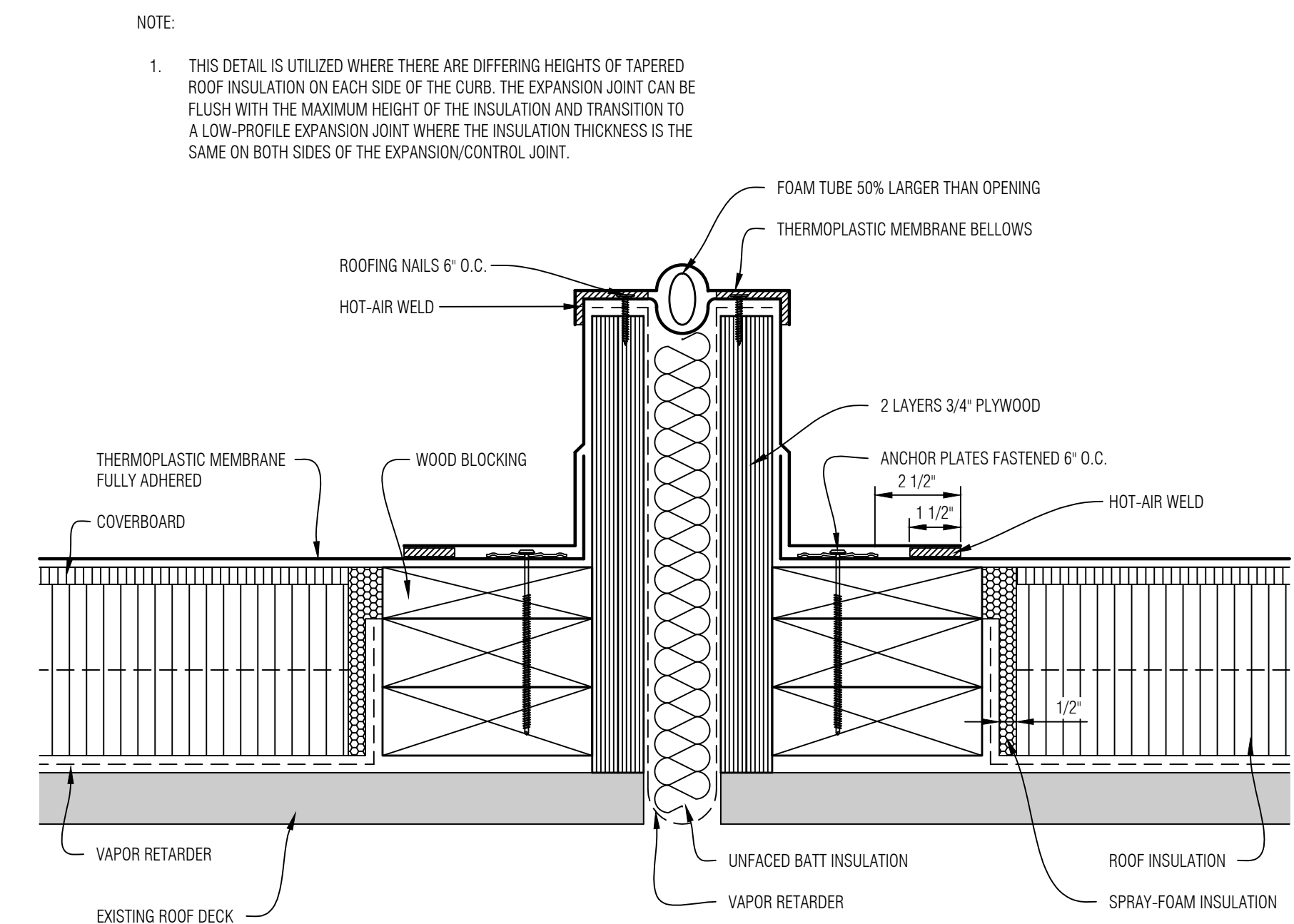
6 PERIMETER SECUREMENT DETAIL
A4.3 SCALE: NONE



3 WALKWAY MEMBRANE @ LADDER DETAIL
A4.3 SCALE: NONE



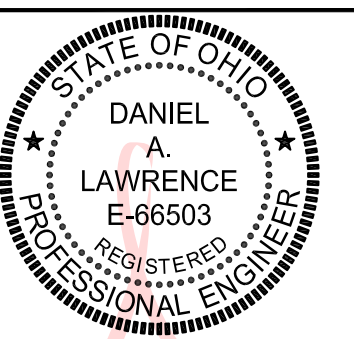
2 WALKWAY MEMBRANE DETAIL
A4.3 SCALE: NONE



1 EXPANSION JOINT/ROOF CONTROL - CURB TYPE DETAIL
A4.3 SCALE: NONE

GENERAL NOTES

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2	Construction Documents	07.02.26
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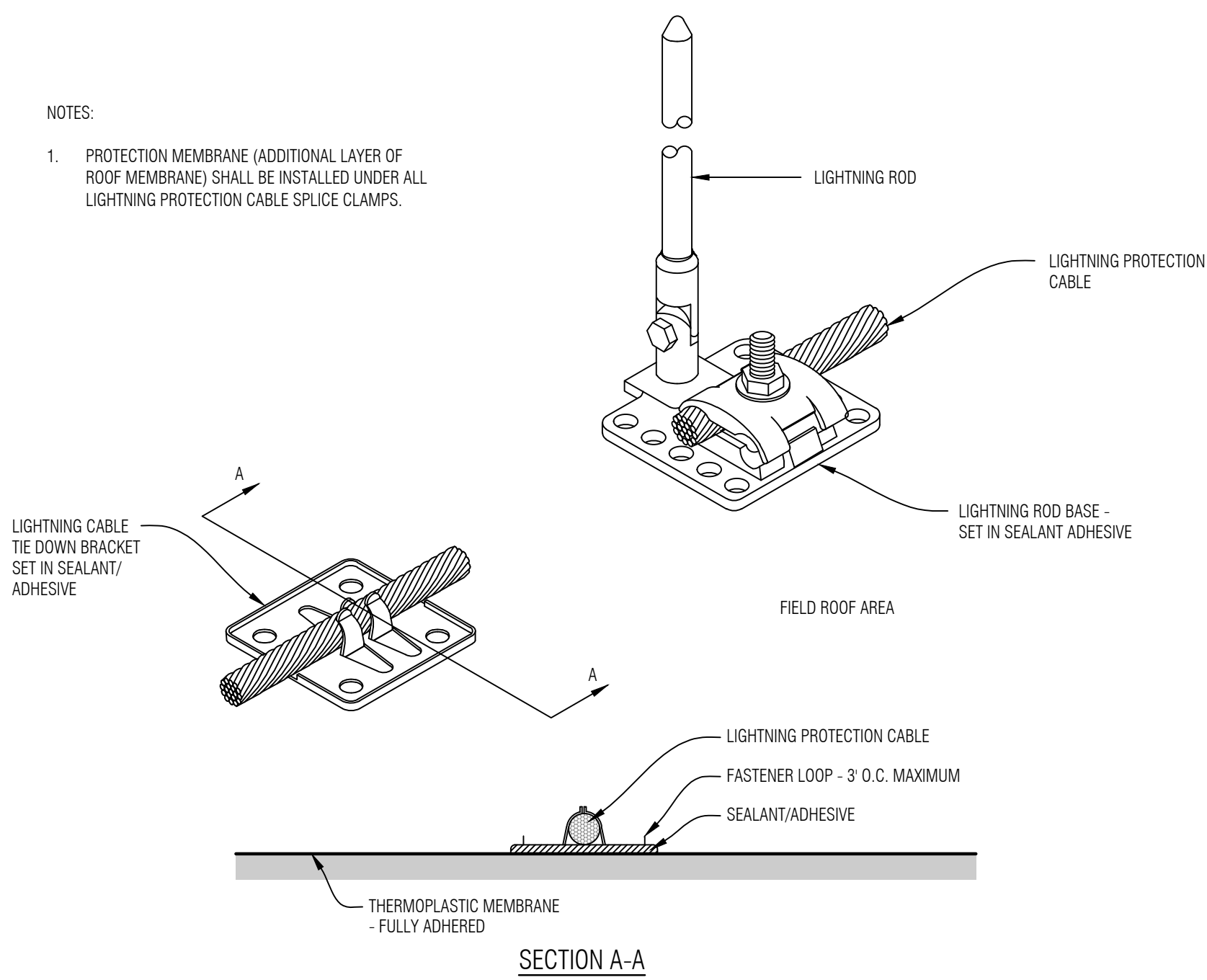
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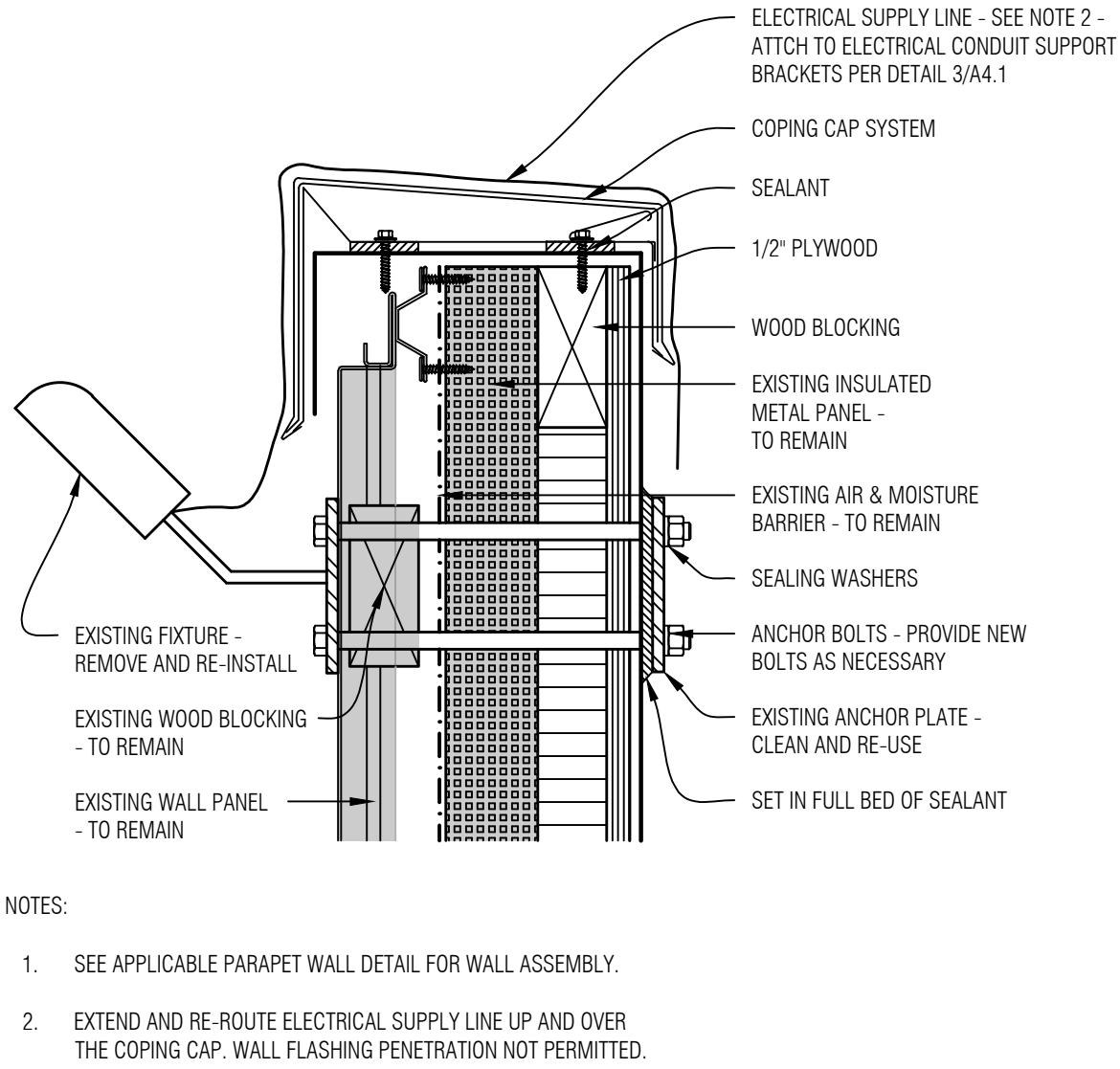
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DETAILS



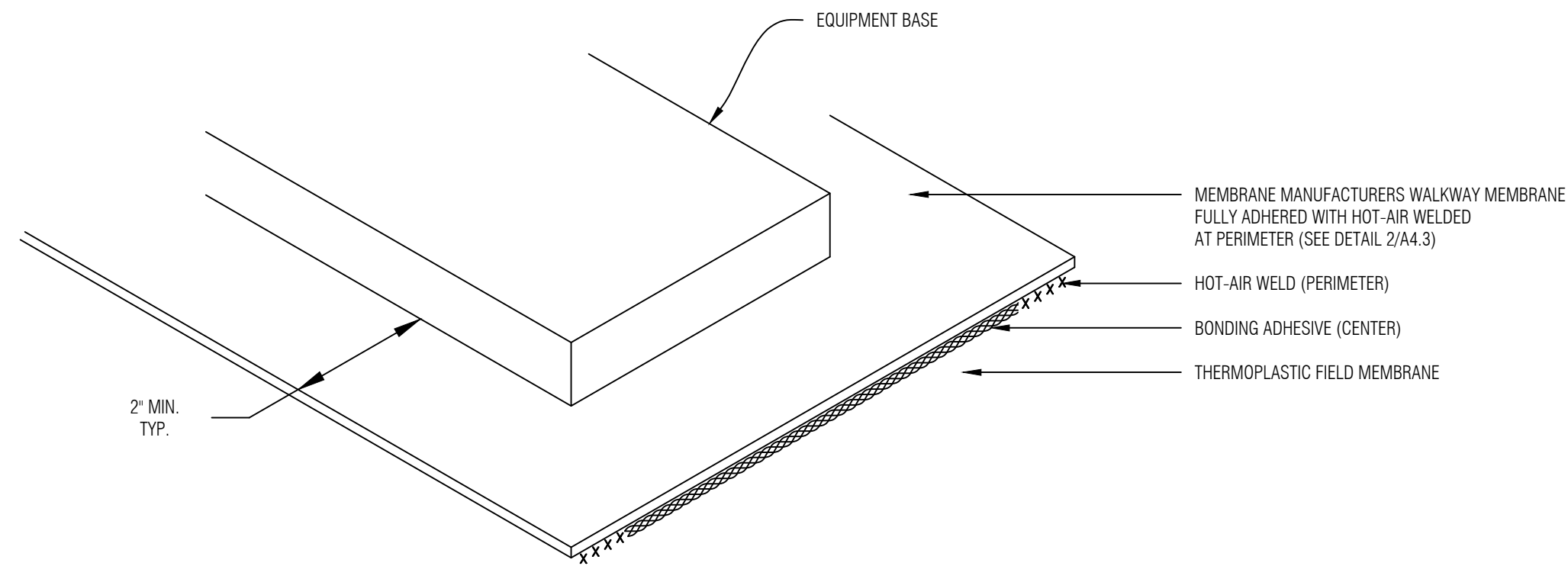
LIGHTNING PROTECTION CABLE - ROOF MEMBRANE ATTACHMENT

4
A4.4 SCALE: NONE



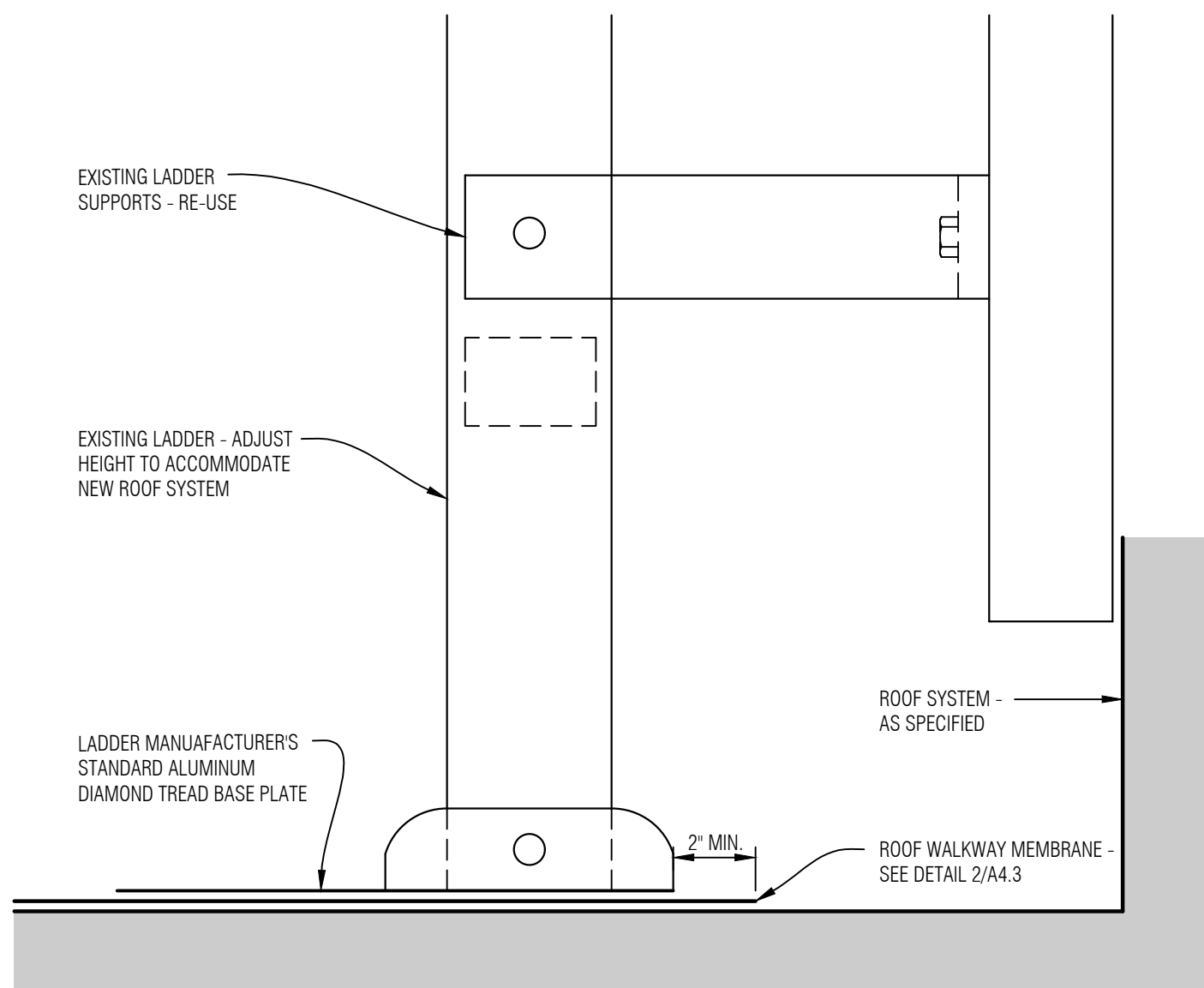
EXTERIOR LIGHT/CAMERA FIXTURE ATTACHMENT DETAIL

5
A4.4 SCALE: NONE



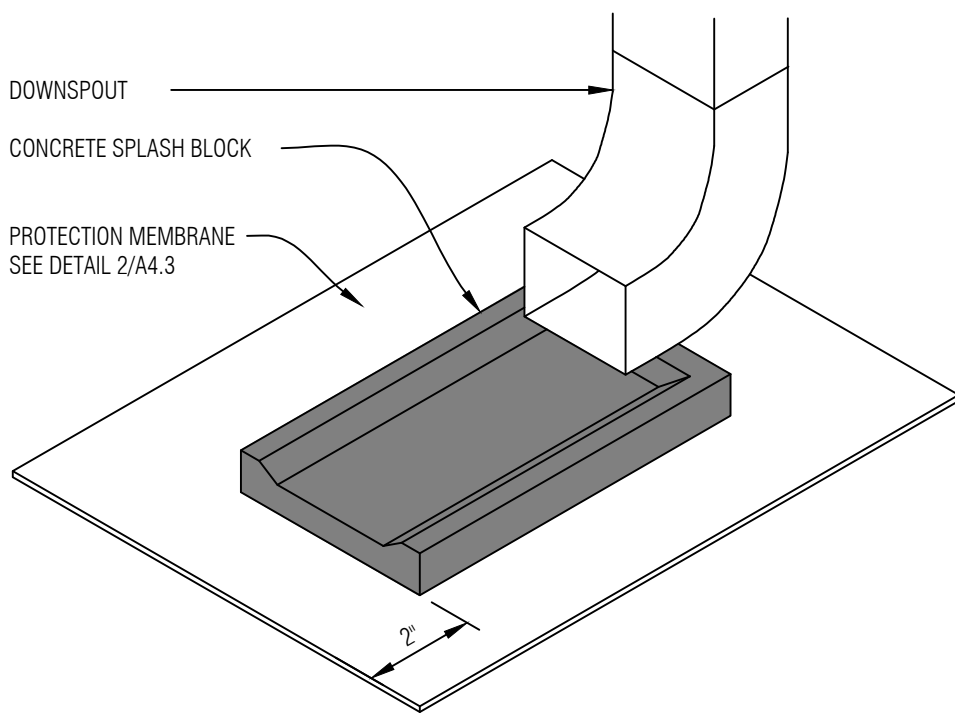
LIGHTWEIGHT EQUIPMENT SUPPORT DETAIL

6
A4.4 SCALE: NONE



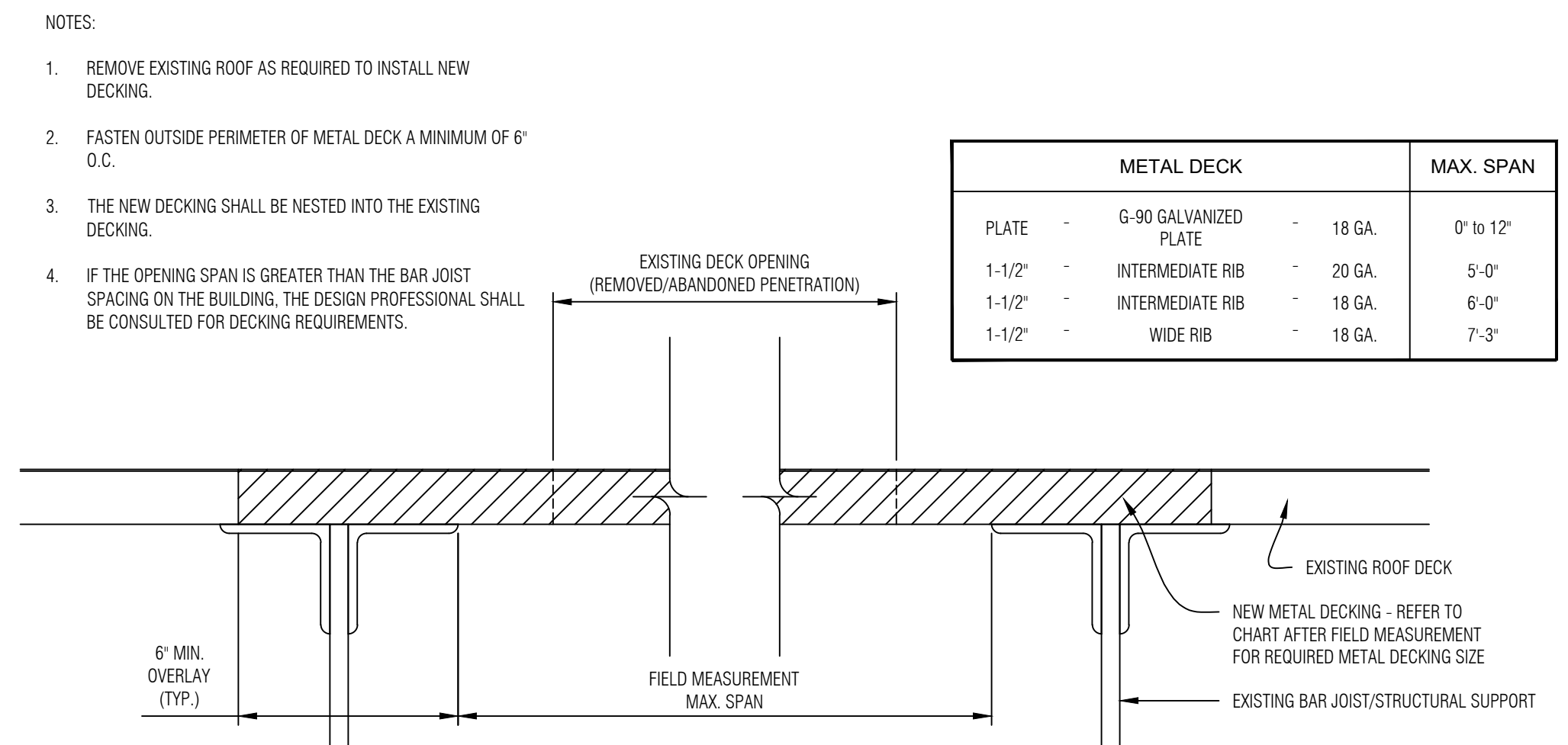
LADDER BASE PLATE DETAIL

3
A4.4 SCALE: NONE



SPLASH BLOCK DETAIL

2
A4.4 SCALE: NONE



STEEL DECK REPAIR DETAIL

1
A4.4 SCALE: NONE

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	07.02.26
1	Design Development	06.12.26



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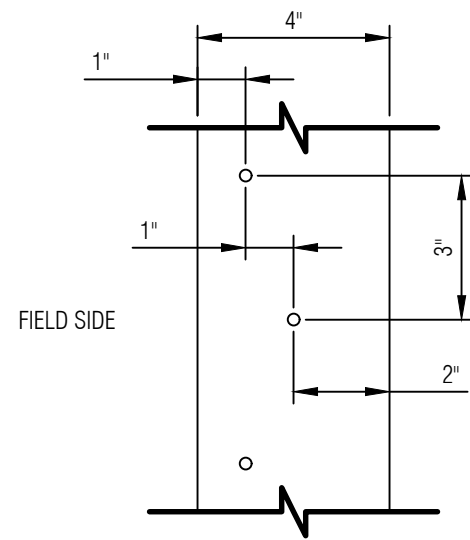
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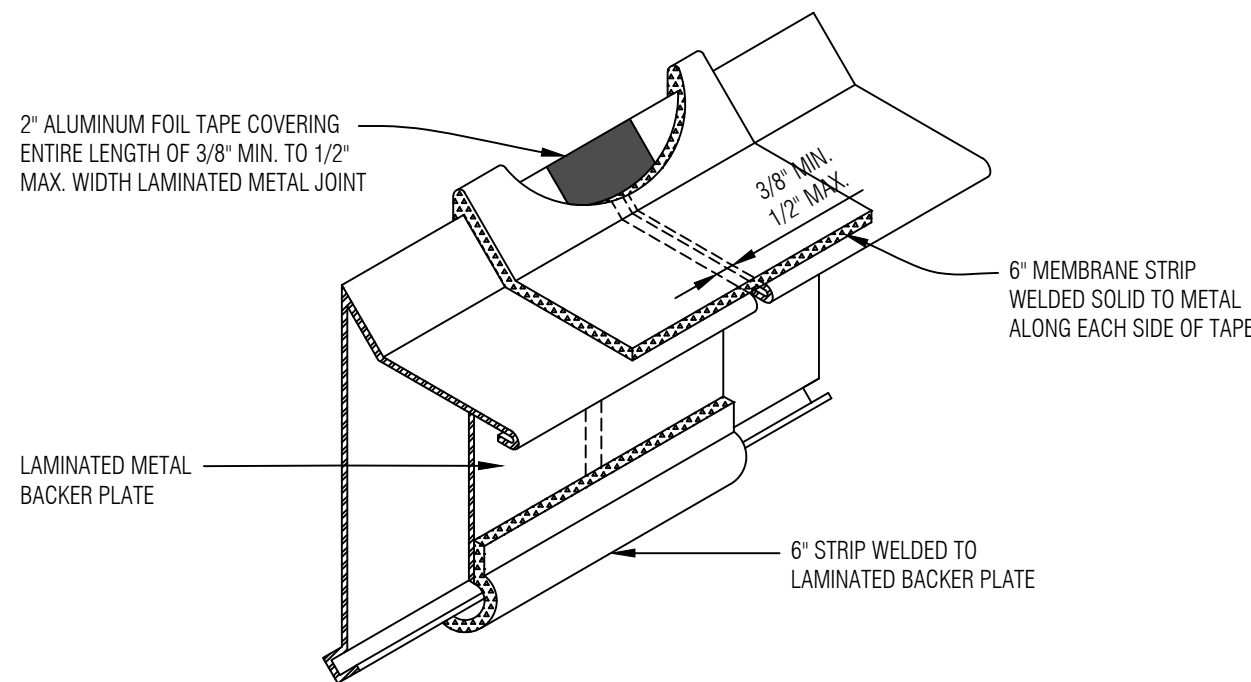
DETAILS



EDGE METAL FASTENING DETAIL

4
A4.5

SCALE: NONE

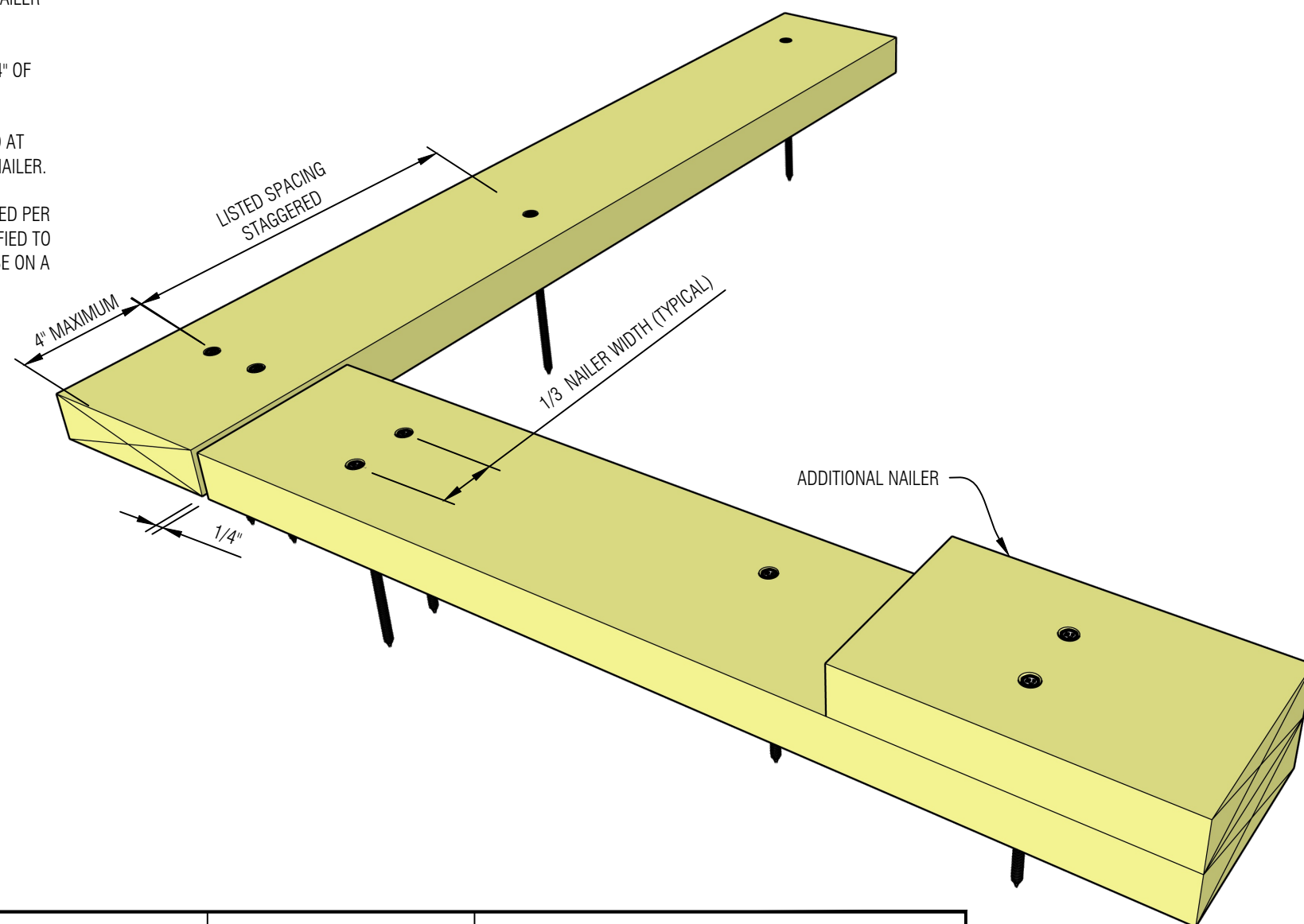


LAMINATED EDGE METAL BUTT JOINT DETAIL

3
A4.5

SCALE: NONE

- NOTES:
- ALL PERIMETER NAILERS SHALL BE A MINIMUM OF 2" x 6".
 - FASTENERS IN 6" OR WIDER (NOMINAL) LUMBER SHALL BE INSTALLED IN TWO (2) ROWS, STAGGERED 1/3 OF NAILER WIDTH.
 - TWO (2) FASTENERS SHALL BE INSTALLED WITHIN 4" OF EACH NAILER END.
 - A MAXIMUM OF TWO (2) LAYERS CAN BE FASTENED AT ONE TIME AFTER THE INSTALLATION OF THE FIRST NAILER.
 - ALL NEW AND EXISTING NAILERS SHALL BE FASTENED PER THIS DETAIL. IF THE NAILER IS EXISTING AND SPECIFIED TO BE RE-USED, THE ADDITIONAL SECUREMENT WILL BE ON A CHANGE ORDER BASIS.



ATTACHMENT SUBSTRATE	PERIMETER FASTENER SPACING (MAXIMUM)	CORNER FASTENER SPACING (MAXIMUM)	FASTENER TYPE AND SIZE
STRUCTURAL CONCRETE	12" O.C.	12" O.C.	CONCRETE SCREW MIN. #14 DIA. - 1-1/4" MIN. EMBEDMENT
GROUTED CMU	4" O.C.	2" O.C.	3/8" DIA. ANCHOR BOLTS - 6" MIN. EMBEDMENT
STEEL DECK	12" O.C.	12" O.C.	MIN. #12 ROOFING SCREW - 3/4" MIN. PENETRATION
WOOD	12" O.C.	6" O.C.	MIN. #10 WOOD SCREW - 1-1/2" MIN. PENETRATION

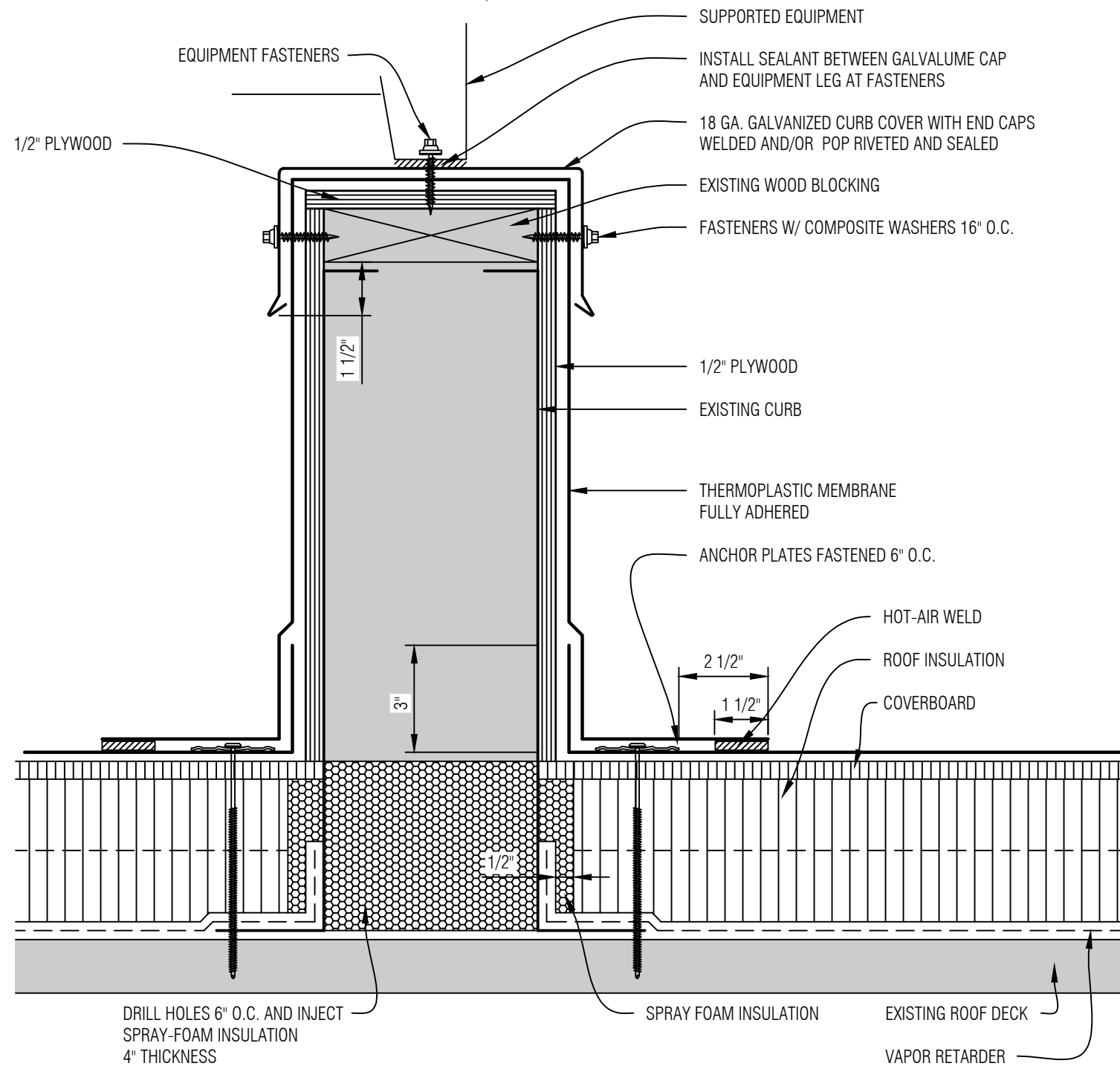
NAILER ATTACHMENT DETAIL

2
A4.5

SCALE: NONE

NOTES:

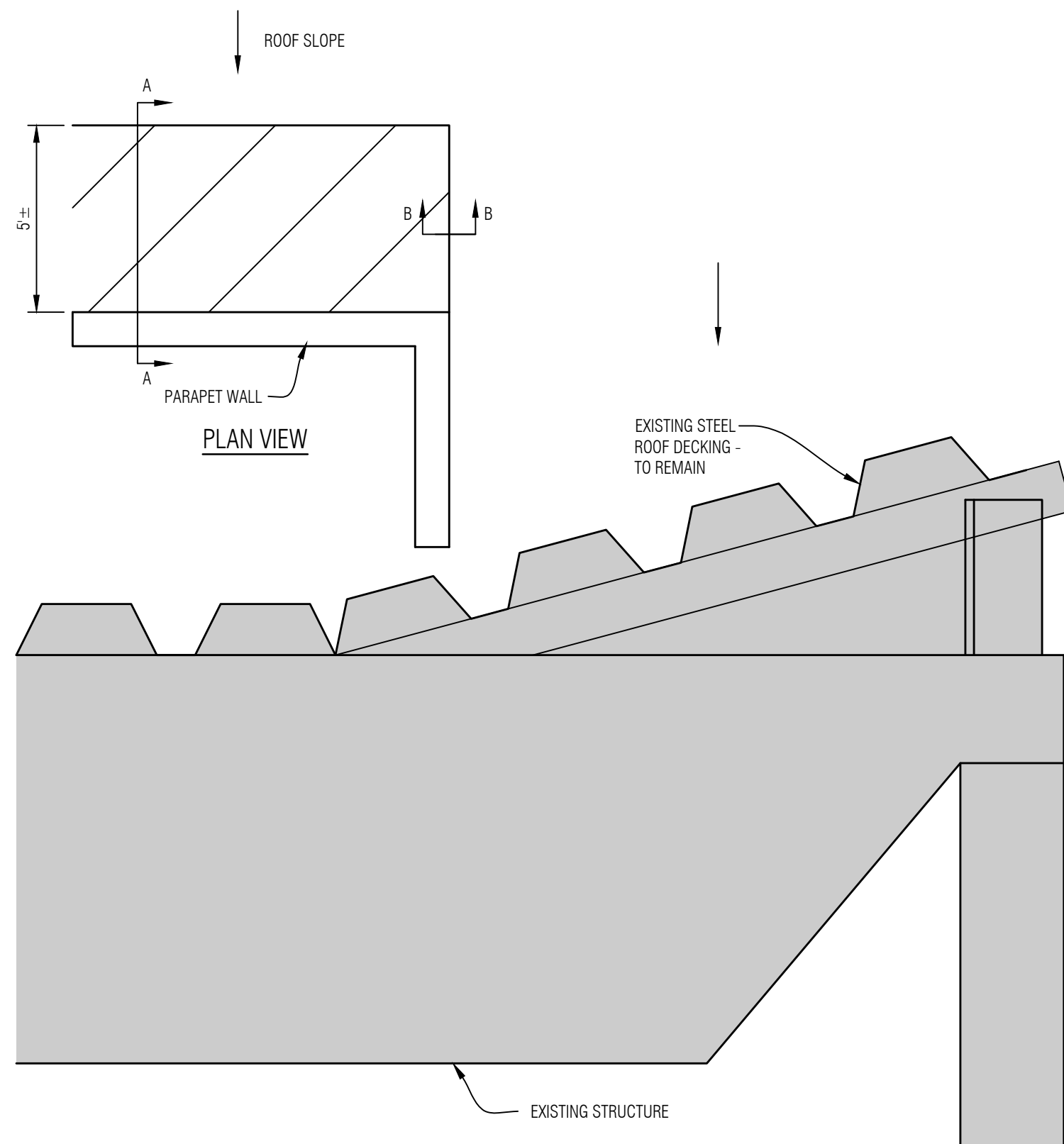
- THIS EXISTING CURB MOUNTED UNIT SHALL BE TEMPORARILY SUPPORTED AND RAISED SLIGHTLY TO ALLOW THE FLASHINGS TO BE INSTALLED.
- 24 GA. GALVALUME CAN ALSO BE UTILIZED AS A SEPARATOR TO COVER ANY RESIDUAL ASPHALT IF THERE IS NOT SUFFICIENT SPACE FOR 1/2" PLYWOOD.



UNIT SUPPORT CURB DETAIL

5
A4.5

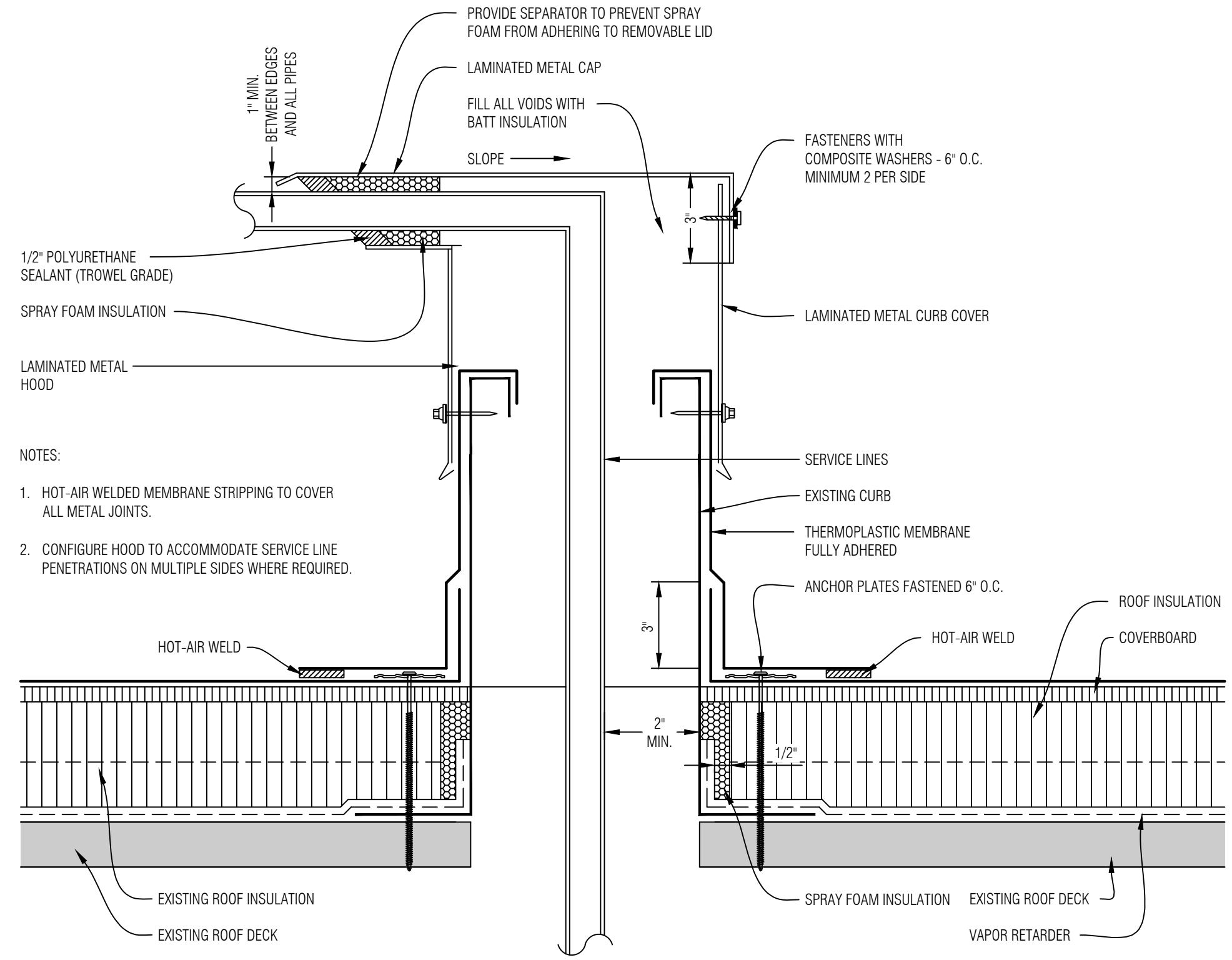
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CANTED ROOF STRUCTURE TRANSITION

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A4.5

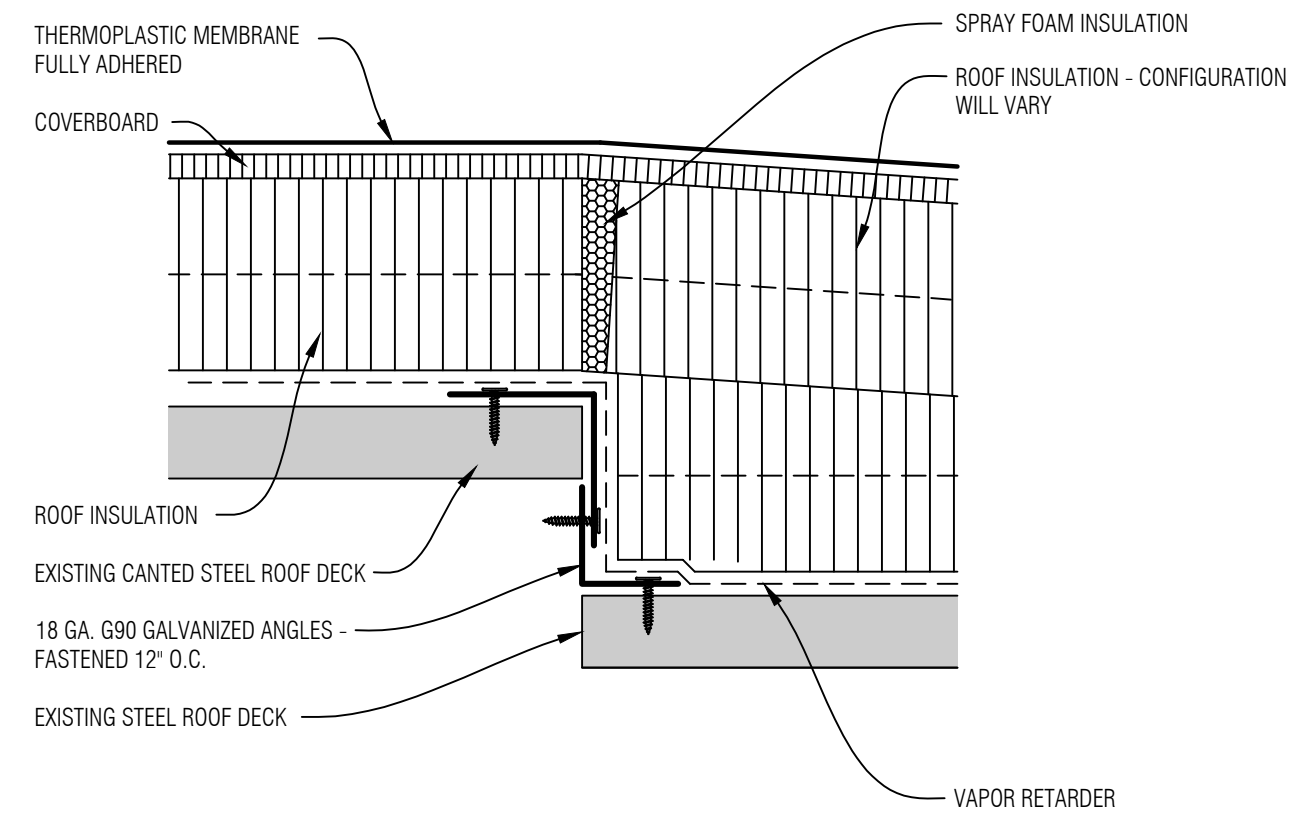
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PIPE PENETRATION FLASHING WITH CLAD METAL

6
A4.5

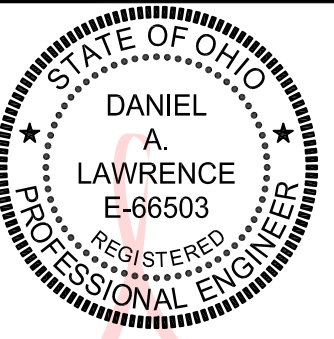
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SECTION B-B

GENERAL NOTES

2	Construction Documents	07.02.26
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DETAILS