

2027 ROOF REPLACEMENT AT GRIZZELL MIDDLE SCHOOL

GRIZZELL MIDDLE SCHOOL

8705 AVERY ROAD
DUBLIN, OHIO 43017

MAYS PROJECT #: DOH43-010-03

CONSTRUCTION DOCUMENTS
07.27.2026



PREPARED FOR:

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

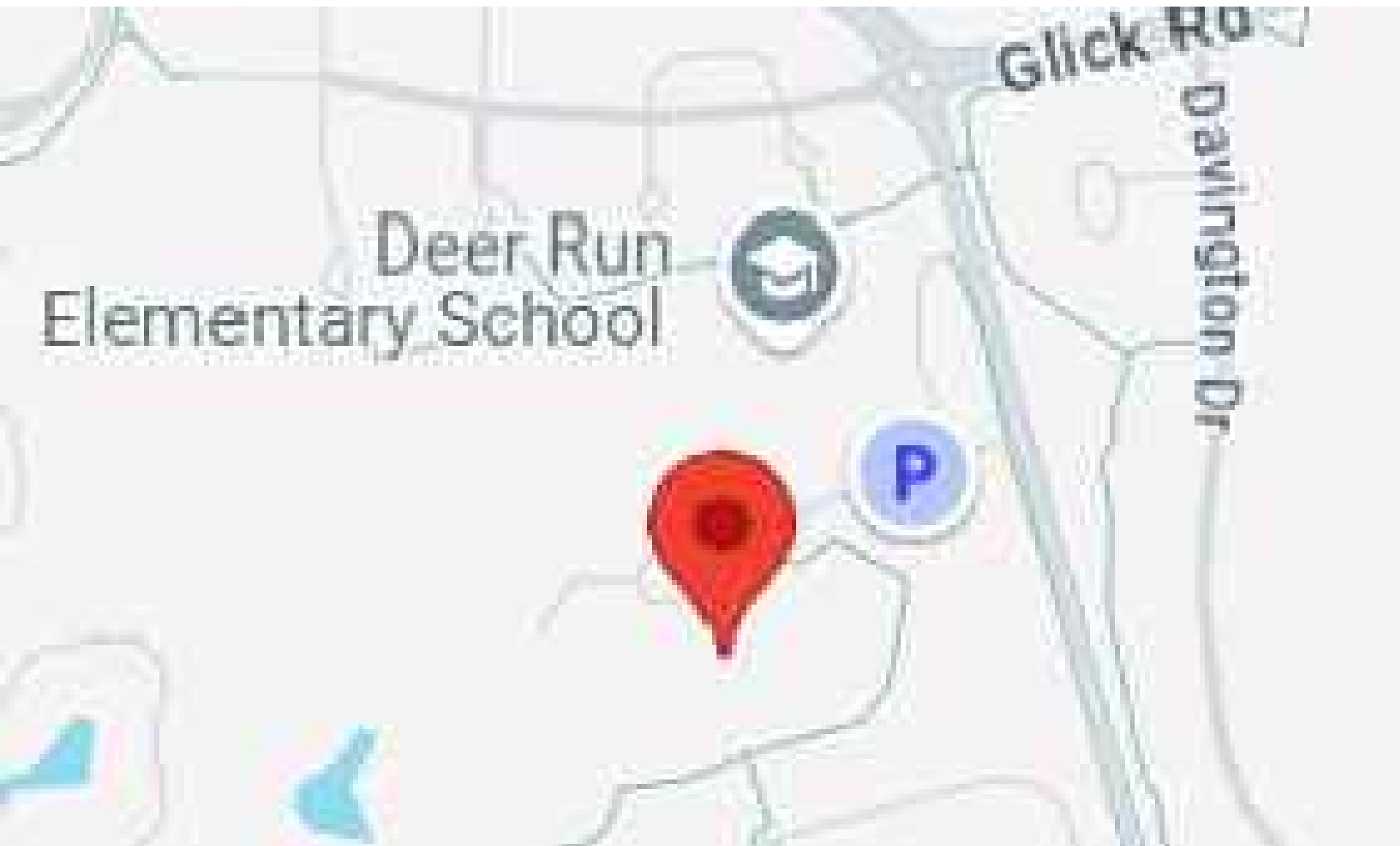
PREPARED BY:

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

VICINITY MAP



LOCATION MAP



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BUILDING CODE DATA

BUILDING CODE: 2024 OHIO BUILDING CODE		
WIND LOAD INFORMATION:		
Basic Wind Speed: 120 MPH		
Ground Surface Roughness: C		
Wind Importance Category: III		
USE GROUP: A3 AND E		
ENERGY CODE: IECC - 2021		
CLIMATE ZONE: 4A		
BUILDING ENVELOPE ENERGY PERFORMANCE REQUIREMENTS		
ITEM	REQUIRED VALUE	SPECIFIED VALUE
Roof Insulation (Insulation Entirely Above Deck):	R-30.0 MIN.	R-30.8
Walls, Above Grade Mass :	R-9.5ci	R-10.0ci

ABBREVIATIONS

AI	AIR INTAKE	MAX	MAXIMUM
AT	AIR TERMINAL	MIN	MINIMUM
ABC	ABANDONED CURB	OD	OVERFLOW DRAIN
ABD	ABANDONED	PF	PIPE FLASHING
ABP	ABANDONED PIPE	PP	PITCH POCKET
ANT	ANTENNA MAST	PPC	PIPE PENETRATION CURB
CB	COLLECTOR BOX	PPL	PORTAL PLUS
CC	CAPPED CURB	PSF	POURABLE SEALER FLASHING
CH	CHIMNEY	RC	RAIL CURB
CU	CURB	RCL	RIGID CONDUIT LINE
DA	DAVIT	RD	ROOF DRAIN
DB	DRONE BASE	RG	RAIN GAUGE
DC	DOWN CONDUCTOR	RH	ROOF HATCH
DS	DOWNSPOUT	RP	ROOFTOP PAD
DU	DUCT	RV	ROOF VENT
EB	ELECTRIC BOX	SA	SEALANT POCKET
EC	ELECTRIC CONDUIT	SB	SPLASH BLOCK
EF	EXHAUST FAN	SC	SECURITY CAMERA
EJ	EXPANSION JOINT	SD	SATELLITE DISH
EQ	EQUAL	SDB	SATELLITE DISH BASE
ER	ELECTRIC RECEPTACLE	SDS	SELF-DRILLING SCREW
EV	EXHAUST VENT	SIM	SIMILAR
EXTG	EXISTING	SLP	SLEEPER CURB
FRT	FIRE-RETARDANT TREATED	STS	SELF-TAPPING SCREW
GEJ	GUTTER EXPANSION JOINT	TBR	TO BE REMOVED
GLPF	GAS LINE PIPE FLASHING	TBFD	TO BE FIELD DETERMINED
GN	GOOSENECK	TRP	LIGHTNING PROTECTION SYSTEM - THROUGH ROOF PENETRATION
GU	GUTTER		THROUGH-WALL DRAIN
HP	HOT PIPE	TWD	THROUGH-WALL FLASHING
LD	ACCESS LADDER	TWF	THROUGH-WALL FLASHING
LH	LOUVERED HOOD	VP	SANITARY VENT PIPE
LT	LIGHT	VS	VENT STACK
LV	LOUVER	W	WALL
MD	MAN DOOR	WI	WINDOW
		WS	WEATHER STATION

AERIAL IMAGE



LEGEND:

ROOF AREA



CODED NOTE



SITE PLAN GENERAL NOTES:

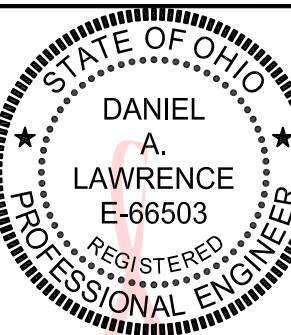
1. MATERIAL STORAGE, STAGING, AND DUMPSTER AREAS MUST HAVE CHAIN LINK FENCE INSTALLED AROUND THEM. ALL EQUIPMENT AND MATERIAL MUST BE WITHIN THE FENCED AREA AT THE COMPLETION OF WORK DAILY.
2. NO EGRESS DOORS SHALL BE BLOCKED DURING THE WORK.
3. ROOF ACCESS LADDERS SHALL BE REMOVED AND SECURED WHEN THE CONTRACTOR IS OFFSITE, EVEN IF LOCATED WITHIN A FENCED IN AREA.
4. ON-SITE WORK CAN BEGIN ON JUNE 1, 2026 IN THE AREAS AS SHOWN ON THIS PLAN. ALL WORK MUST BE COMPLETED BY THE SPECIFIED SUBSTANTIAL COMPLETION DATE.
5. PROVIDE CONSTRUCTION SITE FENCING, AT A MINIMUM, AROUND ALL WORK AREAS AND TRAFFIC PATHWAYS TO PREVENT PEDESTRIAN TRAFFIC FROM ENTERING THE WORK AREA OR TRAFFIC PATHWAY.

SITE PLAN CODED NOTES:

- ① APPROXIMATE MATERIAL STORAGE AREA STARTING JUNE 1, 2027.
- ② AVAILABLE DUMPSTER AND STAGING LOCATION STARTING JUNE 1, 2027.

GENERAL NOTES

2	Construction Documents	07.27.26
1	Design Development	06.30.26
No.	Revision/Issue	Date



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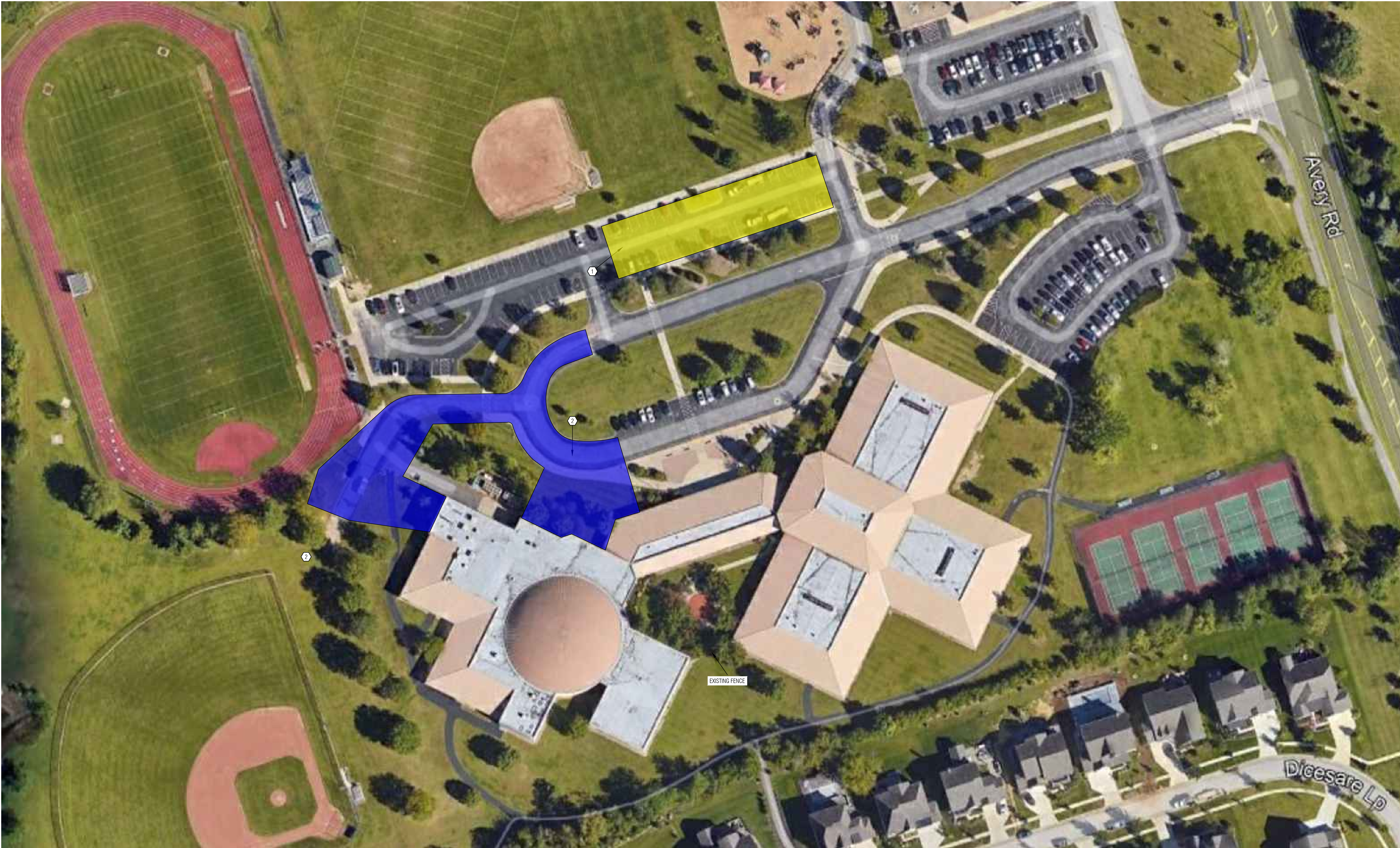
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SITE AND STAGING PLAN



1
S1.0

SITE AND STAGING PLAN

SCALE: 1" = 50'-0"



LEGEND:

ROOF AREA

DETAIL INDICATOR

ELEVATION INDICATOR

CODED NOTE

EXTERIOR WALL LINE

FENCE

BASE BID

OUT OF SCOPE

A#

#

A# # #

#

A# # #

#

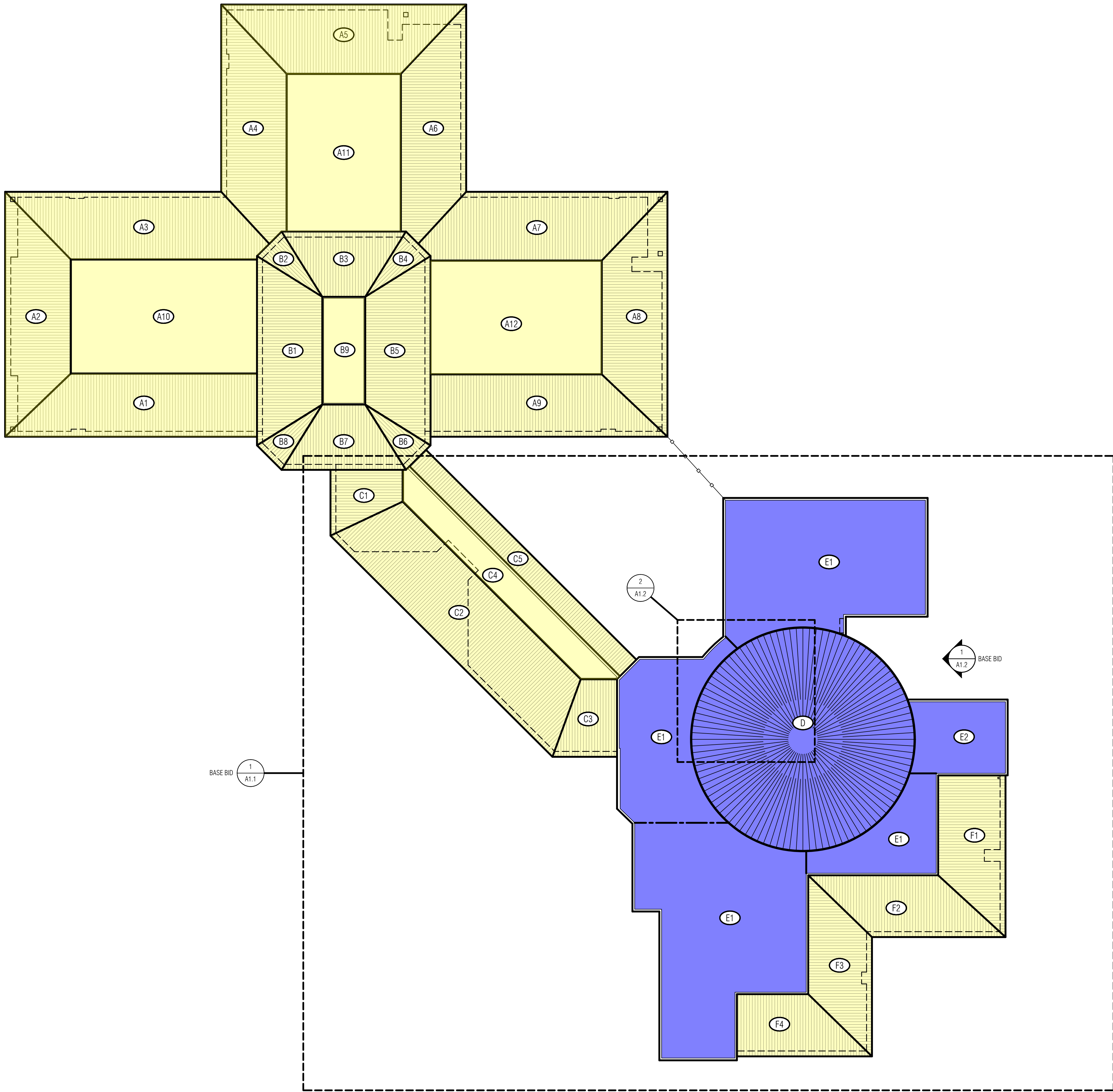
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DETAIL NUMBER

SHEET NUMBER

ELEVATION NUMBER

SHEET NUMBER



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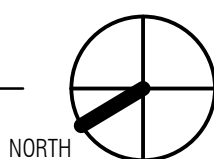
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Overall Roof Plan

OVERALL ROOF PLAN

SCALE: 1" = 30'-0"



LEGEND:

ROOF AREA		DETAIL NUMBER
DETAIL INDICATOR		
		SHEET NUMBER
CODED NOTE		
EXTERIOR WALL LINE		
EXPANSION JOINT		
SNOW RETENTION		
GUTTER		
PERIMETER SECUREMENT		
EXISTING LIGHTNING PROTECTION CABLE		
STEEP SLOPED ROOF AREA		
WALKWAY		
AREA OUT OF SCOPE		

ROOF PLAN GENERAL NOTES:

- 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.
- THE PROJECT DETAILS SHOW THE DESIGN INTENT. DETAILS ARE NOT PROVIDED FOR EVERY CONDITION OR EVERY VARIATION. THE CONTRACTOR SHALL FIELD VERIFY FLASHING CONDITIONS AND PROVIDE A FLASHING DETAIL THAT COMPLIES WITH THE DESIGN INTENT SHOWN ON THE PROJECT DRAWINGS AND SPECIFICATIONS.
- 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.
- 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.
- A NEW LIGHTNING PROTECTION SYSTEM SHALL BE INSTALLED THROUGHOUT ALL ROOF AREAS SPECIFIED FOR REPLACEMENT. THE NEW LIGHTNING PROTECTION SYSTEM SHALL BE INSTALLED TO THE SPECIFIED STANDARDS. THE EXISTING DOWN CONDUCTOR SHALL BE ASSUMED TO BE RE-USABLE AND ADEQUATE SPACING TO MEET THE CURRENT STANDARD.
- PROVIDE ROOF DRAIN EXTENSION(S) (ADJUSTABLE AND/OR STATIC) AT ALL ROOF DRAIN AND OVERFLOW DRAIN LOCATIONS TO ACCOMMODATE THE HEIGHT OF THE NEW ROOF INSULATION. PROVIDE NEW DRAIN CLAMPING RINGS AND CAST-IRON ROOF DRAIN STRAINERS AT ALL ROOF DRAIN AND OVERFLOW DRAIN LOCATIONS. ALL CLAMPING RING BOLTS WILL NEED TO BE DRILLED OUT IF THE BOLTS BREAK OFF AND TAPPED TO ALLOW NEW BOLT INSTALLATION. CONTRACTOR TO PROVIDE PROPER LENGTH BOLTS TO PROVIDE A WATERTIGHT SEAL WHEN THEY ARE TIGHTENED.
- RAISE EXISTING VP, EF, EV, AND LH AS REQUIRED TO ALLOW FOR MINIMUM 8" BASE FLASHING HEIGHT.
- AFTER REMOVAL OF THE EXISTING ROOF, CONTRACTOR TO FIELD VERIFY NEW CONTROL JOINT LOCATIONS WILL NOT AFFECT WATER DRAINAGE. NOTIFY DESIGN PROFESSIONAL IF CONTROL JOINT LOCATION NEEDS TO BE MODIFIED.
- CONTRACTOR TO PROVIDE 12 TECTUM ROOF DECK PANELS (31-1/2" x 143") TO REPLACE ADDITIONAL DETERIORATED TECTUM ROOF DECKING THAT MAY BE ENCOUNTERED DURING THE PROJECT. THIS IS IN ADDITION TO THE ROOF PANELS SPECIFIED TO BE PROVIDED AND REPLACED IN CODED NOTE 4. ANY REMAINING MATERIAL AT THE COMPLETION OF THE PROJECT SHALL BE DISPOSED OF BY THE CONTRACTOR.
- CONTRACTOR TO PROVIDE MINIMUM OF 500 SQUARE FEET OF GLUE LAMINATED WOOD ROOF DECKING MATERIAL (14' AND 16' LENGTHS). MATERIAL TO BE FINISHED TO MATCH THE EXISTING ROOF DECKING. ANY REMAINING MATERIAL AT THE COMPLETION OF THE PROJECT SHALL BE DISPOSED OF BY THE CONTRACTOR. CONTRACTOR TO FIELD VERIFY EXISTING DECKING SPECIES, THICKNESS, AND FINISH PRIOR TO ORDERING.
- CONTRACTOR TO COVER THE GYM FLOOR WITH PLASTIC DURING THE ROOF REPLACEMENT WORK.

ROOF PLAN CODED NOTES:

- CONTRACTOR SHALL COORDINATE WITH THE CITY OF DUBLIN FOR THE REMOVAL OF THE DRONE BASE, MODIFICATION OF SERVICE LINES, DISCONNECT AND MODIFY SUPPORTS, AND RE-INSTALLATION OF THE DRONE BASE.
- PROVIDE AND REPLACE 4 TECTUM ROOF DECK PANELS (31-1/2" x 143") THAT ARE HEAVILY STAINED/MOISTURE DAMAGED AROUND THE ROOF DRAINS IN THIS AREA PER DETAIL 5/A4.7.
- RE-USE EXISTING PIPE SUPPORTS FOR THIS CONDUIT.
- REMOVE THE EXISTING EIFS, INSTALL FLUID-APPLIED AIR AND MOISTURE BARRIER, 2" EPS INSULATION, AND FINISH SYSTEM PER DETAIL 5/A4.6. SEE ELEVATION 1/A1.2.

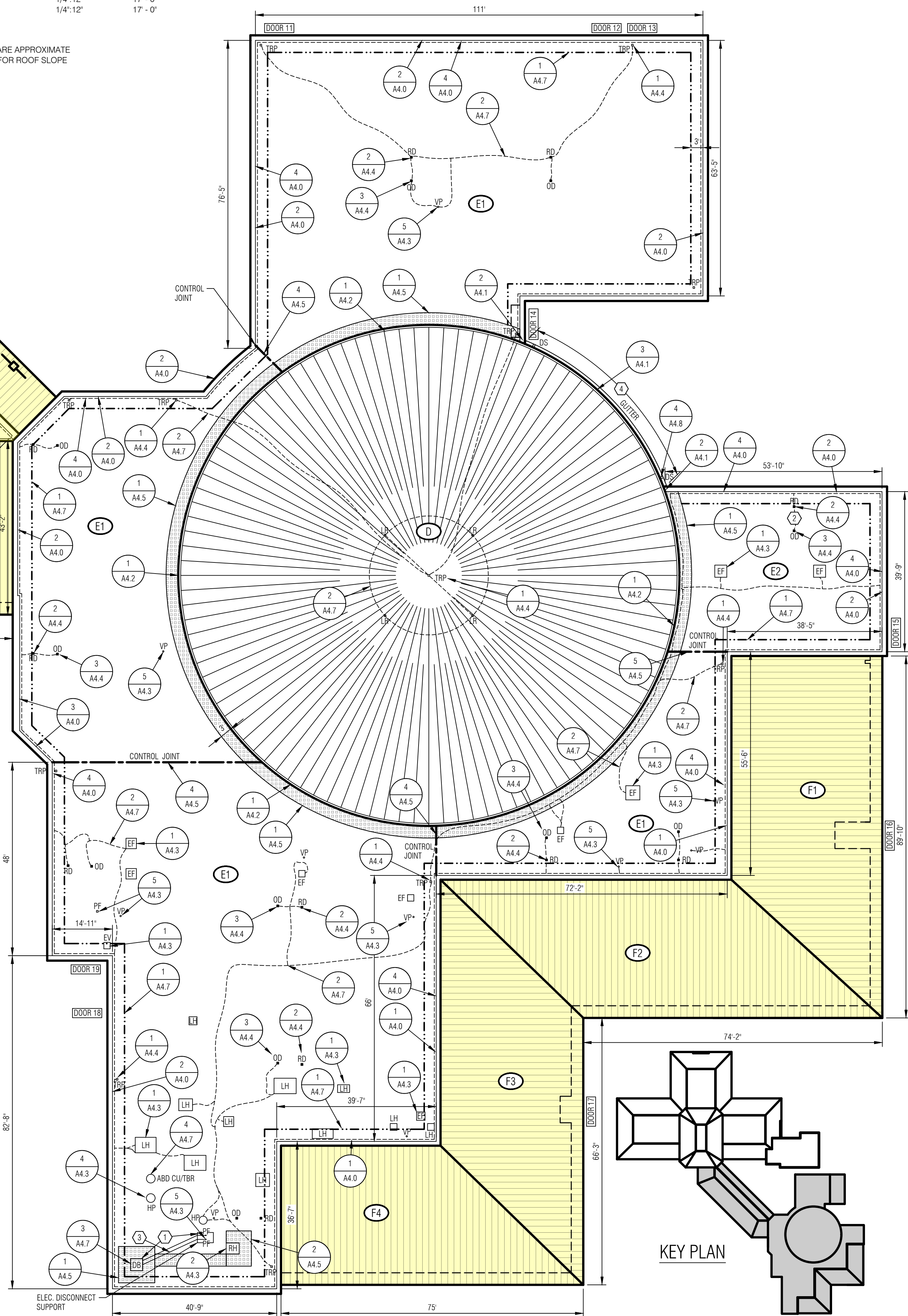
ROOF SYSTEM SQUARE FOOTAGES AND SLOPES:

ROOF AREA	SQUARE FOOTAGE	ROOF DECK SLOPE	ELEVATION
D	12,984	N/A	17'-0"
E1	23,394	1/4":12"	17'-0"
E2	2,040	1/4":12"	17'-0"
TOTAL	38,418		

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

ROOF SYSTEM COMPOSITIONS

EXISTING	NEW
ROOF AREA D: BATTEN SEAM ROOF SYSTEM UNDERLAYMENT AND SELF-ADHERING UNDERLAYMENT EXISTING NAILBASE ROOF-INSULATION SYSTEM** LAMINATED TONGUE & GROOVE WOOD DECKING	ROOF AREA D: (SEE DETAIL 3/A4.6) AESTHETIC RIBS COLORED THERMOPLASTIC MEMBRANE (A) 1/2" COVERBOARD (A) 2.5" POLYISOCYANURATE INSULATION (MF) 2.5" POLYISOCYANURATE INSULATION (LL)*** VAPOR RETARDER (SA) EXISTING LAMINATED TONGUE & GROOVE WOOD DECKING
ROOF AREA E1: MODIFIED BITUMEN ROOF SYSTEM 1/2" WOOD FIBER EXISTING ROOF MEMBRANE* 2" POLYISOCYANURATE INSULATION VAPOR RETARDER 2" POLYISOCYANURATE INSULATION STEEL ROOF DECK	ROOF AREA E1: (SEE DETAIL 1/A4.6) THERMOPLASTIC MEMBRANE (A) 1/2" COVERBOARD (A) 2.5" POLYISOCYANURATE INSULATION (MF) 2.5" POLYISOCYANURATE INSULATION (LL) VAPOR RETARDER (LL) EXISTING STEEL ROOF DECK
ROOF AREA E2: MODIFIED BITUMEN ROOF SYSTEM 1/2" WOOD FIBER EXISTING ROOF MEMBRANE* 2" POLYISOCYANURATE INSULATION VAPOR RETARDER 2" POLYISOCYANURATE INSULATION 3" TECTUM ROOF DECK***	ROOF AREA E2: (SEE DETAIL 2/A4.6) THERMOPLASTIC MEMBRANE (A) 1/2" COVERBOARD (A) 2.5" POLYISOCYANURATE INSULATION (A) 2.5" POLYISOCYANURATE INSULATION (A) VAPOR RETARDER (SA) 1/2" SUBSTRATE BOARD (A) EXISTING TECTUM ROOF DECK
ABBREVIATIONS	
A ADHERED MF MECHANICALLY FASTENED SA SELF-ADHERING	
NOTES:	
1. ROOF SYSTEM COMPOSITIONS ARE BASED ON ROOF TEST CUTS AT SELECT LOCATIONS. ROOF SYSTEM COMPOSITION MAY VARY, CONTRACTOR TO FIELD VERIFY.	* SOME ROOF AREAS HAD AN EXISTING MEMBRANE IN PLACE. OTHER ROOF AREAS DID NOT. ** ELECTRICAL CONDUITS FOR THE LIGHTNING SYSTEM ARE EMBEDDED WITHIN THE EXISTING ROOF INSULATION SYSTEM. CONTRACTOR TO USE CAUTION DURING THE REMOVAL OF THE EXISTING ROOF SYSTEM, TO NOT DAMAGE THESE CONDUITS. *** THIS INFORMATION IS BASED ON THE ORIGINAL PROJECT DRAWINGS. CONTRACTOR TO FIELD VERIFY THICKNESS. **** CONTRACTOR TO CUT BASE LAYER OF ROOF INSULATION TO FIT AROUND EXISTING ELECTRICAL CONDUITS AS NECESSARY. FILL VOIDS AROUND CONDUITS WITH SPRAY FOAM INSULATION AND TRIM OFF FLUSH WITH TOP OF BASE LAYER OF INSULATION.



GENERAL NOTES

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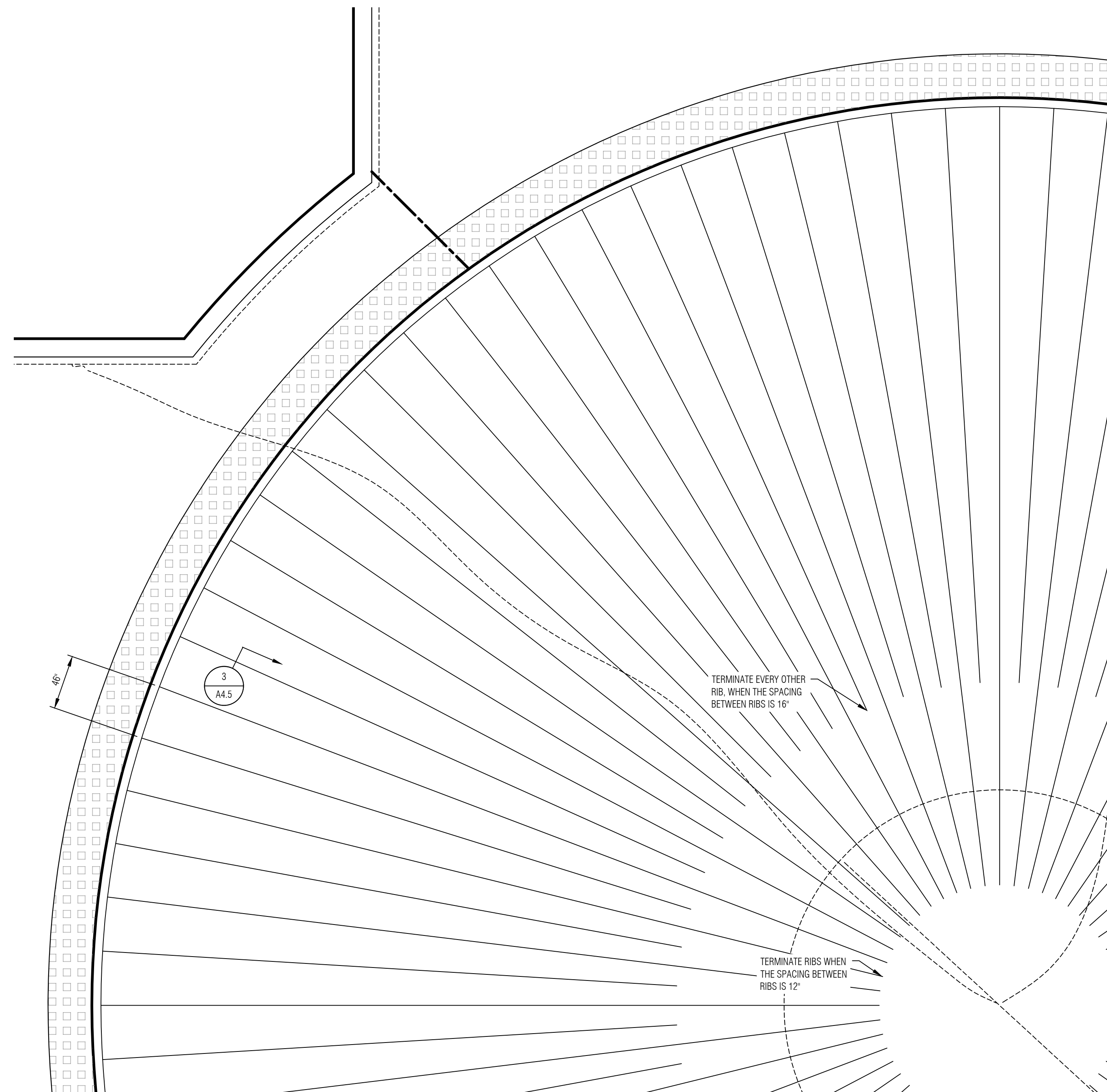
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PARTIAL ROOF PLAN - BASE BID

1
A1.1
PARTIAL ROOF PLAN - BASE BID
SCALE: 1/16" = 1'-0"

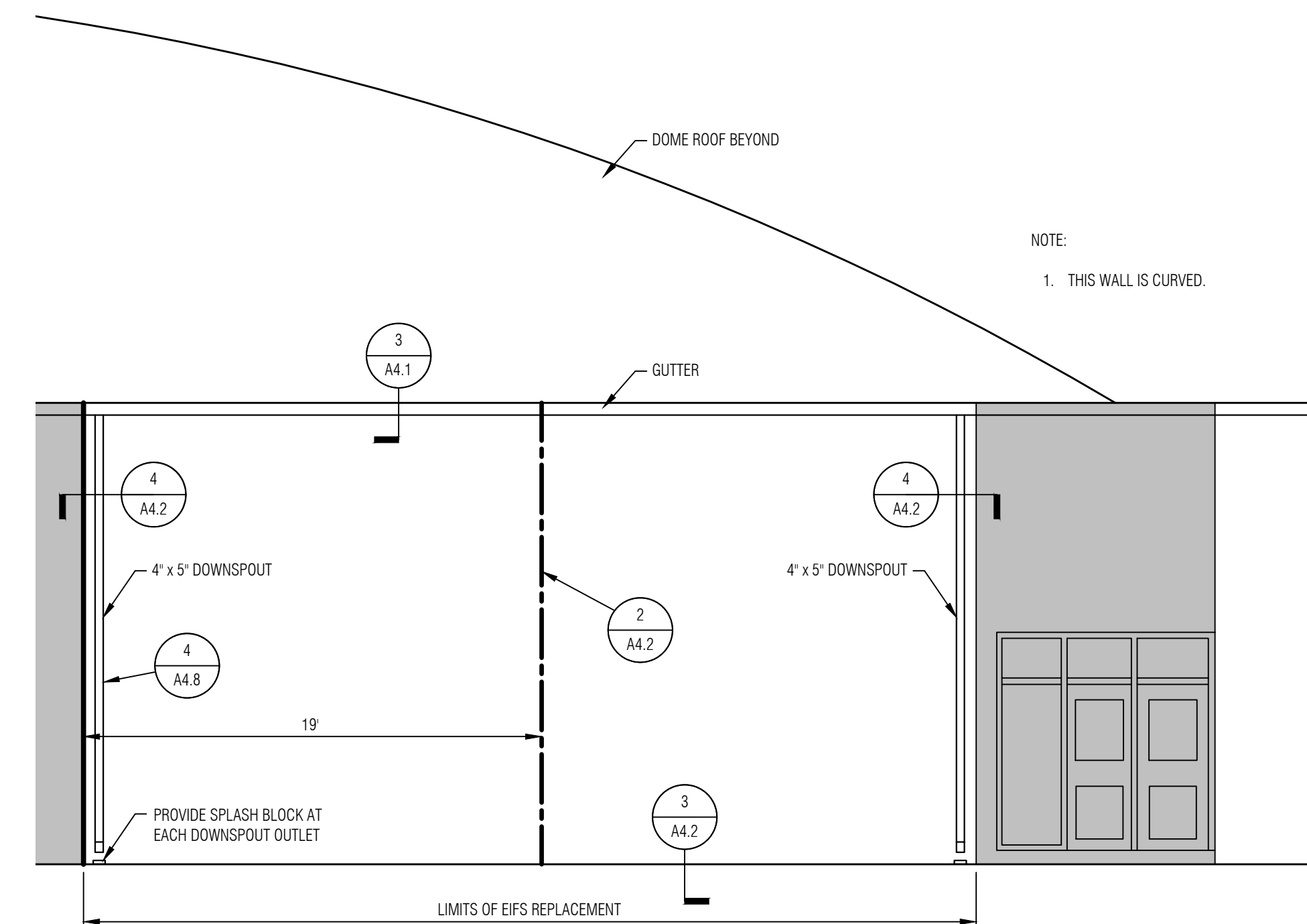
ROOF AREA		
DETAIL INDICATOR		DETAIL NUMBER SHEET NUMBER
CODED NOTE		
CONTROL JOINT		
OUT OF SCOPE		
EXISTING EIFS WALL		
METAL DOME		



2
A1.2

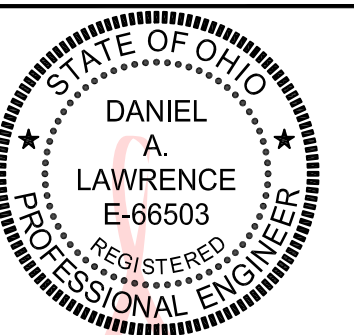
ENLARGED PARTIAL PLAN VIEW - RIB LAYOUT

SCALE: 3/16" = 1'-0"



WALL ELEVATION

2	Construction Documents	07.27.26
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ELEVATION - BASE BID

LEGEND:

ROOF AREA

ZONE 1 AND 1'
ADHESIVE RIBBONS 12" O.C.
10 FASTENERS PER 4'X8' BOARD

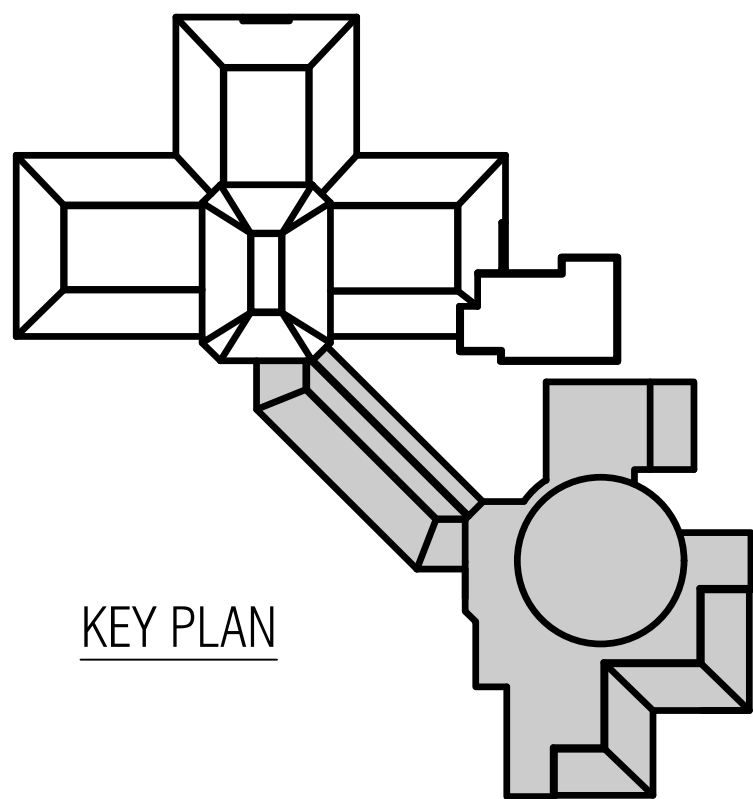
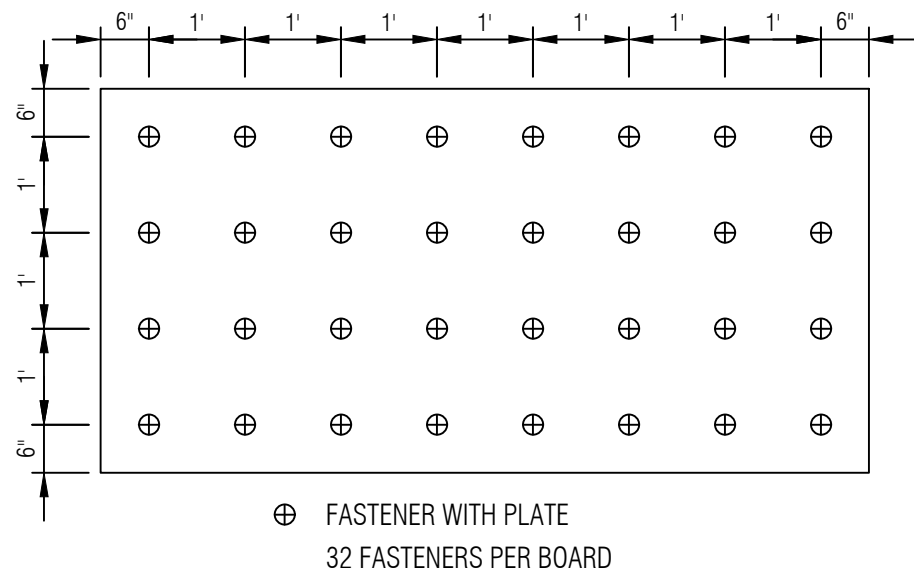
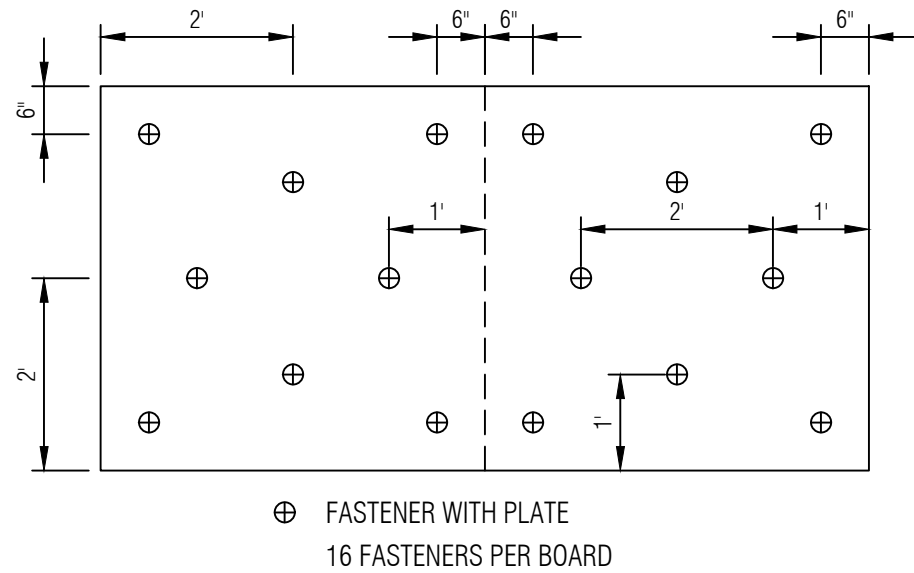
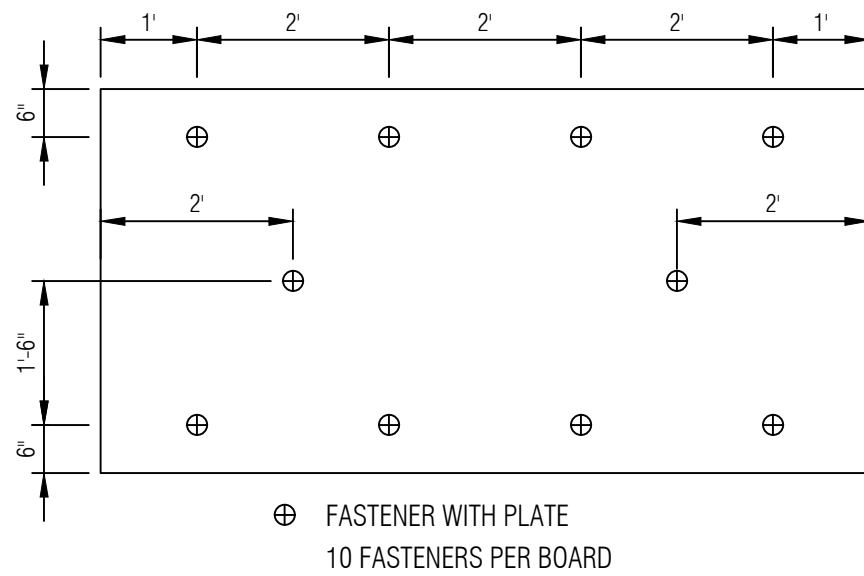
ZONE 2
ADHESIVE RIBBONS 6" O.C.
16 FASTENERS PER 4'X8' BOARD

ZONE 3
ADHESIVE RIBBONS 4" O.C.
32 FASTENERS PER 4'X8' BOARD

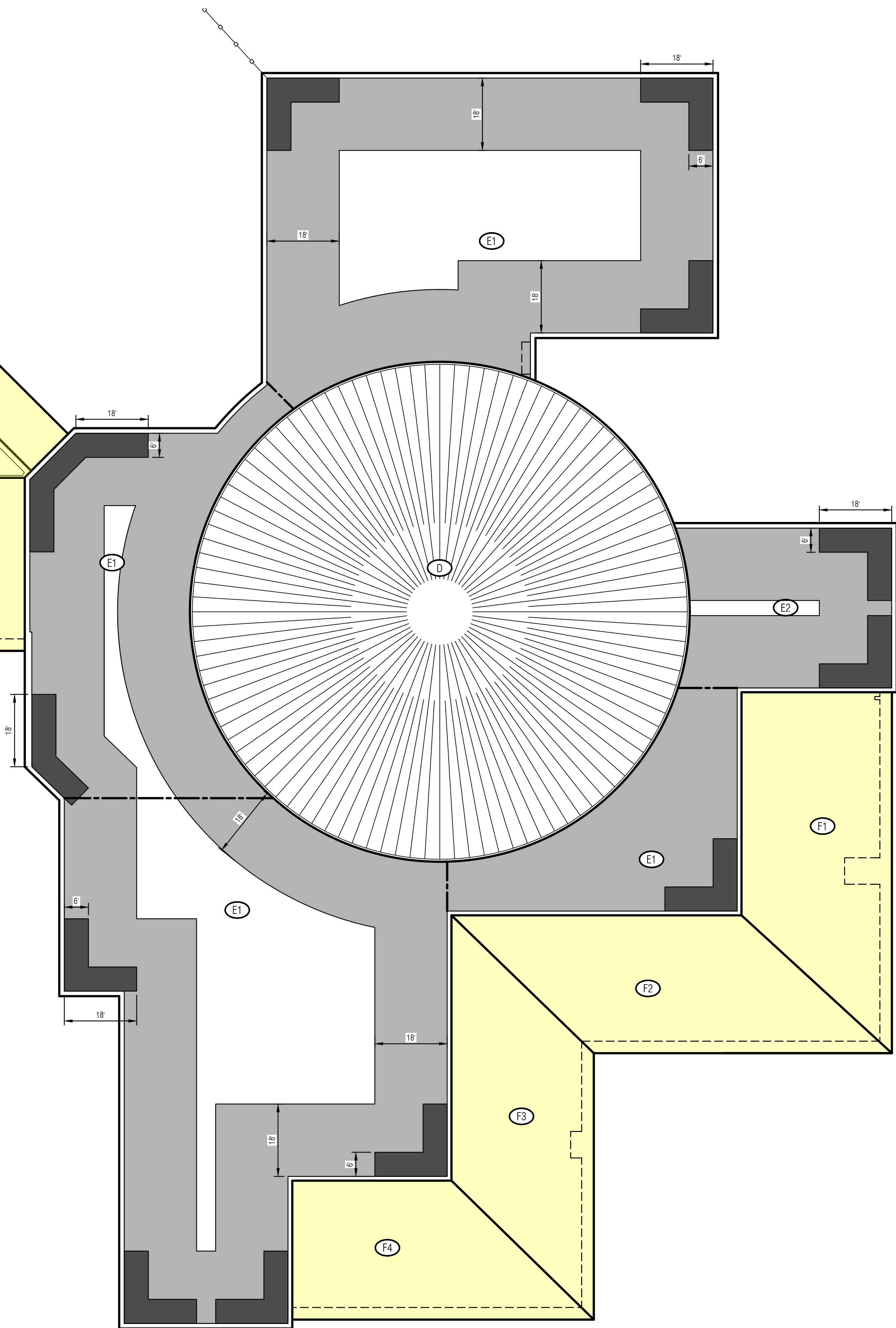
AREA OUT OF SCOPE

INSULATION FASTENING PLAN GENERAL NOTES:

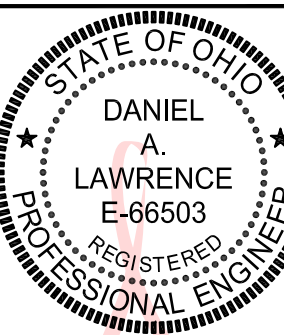
1. ANY BOARD THAT IS LOCATED PARTIALLY WITHIN A CORNER OR PERIMETER AREA, THE ENTIRE BOARD SHALL BE FASTENED PER THE MORE STRINGENT FASTENING PATTERN.
2. FOR ADHERED INSULATION, THE ROOF INSULATION BOARDS SHALL BE WEIGHTED DOWN TO HELP ASSURE PROPER ADHESION. WALKING IN THE INSULATION BOARDS ALONE IS NOT ACCEPTABLE.
3. ON LOW-SLOPED ROOF AREAS, THE TAPERED INSULATION CRICKETS SHALL BE INSTALLED ON THE ROOF DECK OR IN BETWEEN THE FLAT STOCK LAYERS, SO THAT THE UPPER 2.5" THICK INSULATION LAYER IS MECHANICALLY FASTENED.
4. AT THE DOME ROOF AREA, THE CONTRACTOR SHALL VERIFY THE ROOF DECK THICKNESS AND SIZE THE FASTENERS SO THAT THEY DO NOT PENETRATE THE UNDERSIDE OF THE ROOF DECK.



KEY PLAN



GENERAL NOTES



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PARTIAL WIND UPLIFT PLAN - BASE BID

2

A2.0

INSULATION FASTENING PATTERNS

SCALE: 1/2" = 1'-0"

1

A2.0

PARTIAL WIND UPLIFT PLAN - BASE BID

SCALE: 1/16" = 1'-0"



LEGEND:

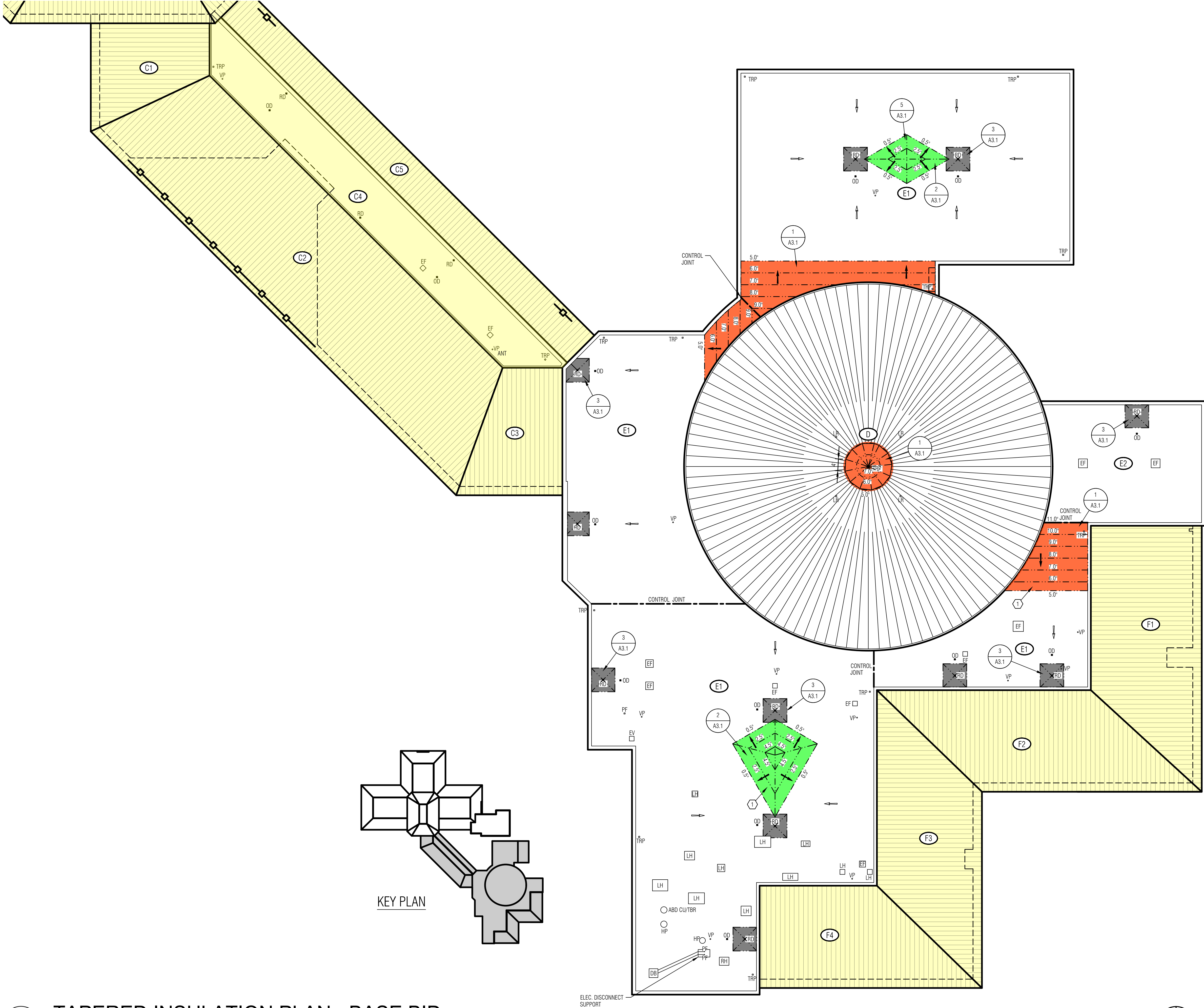
- ROOF AREA
- DETAIL INDICATOR
- CODED NOTE
- EDGE OF TAPERED INSULATION BOARD
- 1/4" PER FOOT TAPERED INSULATION
- 1/2" PER FOOT INSULATION CRICKETS/SADDLES
- 1/2" PER FOOT DRAIN SUMP
- AREA OUT OF SCOPE
- STRUCTURAL SLOPE
- TAPERED INSULATION SLOPE

TAPERED INSULATION GENERAL NOTES:

1. A TAPERED EDGE STRIP IS REQUIRED AT THE EDGE OF ANY TAPERED INSULATION IN ORDER TO PROVIDE A SMOOTH TRANSITION.
2. TAPERED INSULATION THICKNESS SHOWN ON THE DRAWINGS DO NOT INCLUDE THE THICKNESS OF THE COVERBOARD OR FLAT STOCK INSULATION (BELOW CRICKETS AND SADDLES).

TAPERED INSULATION PLAN CODED NOTES:

- 1 CONTRACTOR TO FIELD VERIFY IF TAPERED INSULATION IS REQUIRED IN THIS AREA AFTER THE ROOF HAS BEEN REMOVED. IF THE ROOF DECK IS STRUCTURALLY SLOPED, THIS TAPERED INSULATION CAN BE DELETED.



GENERAL NOTES



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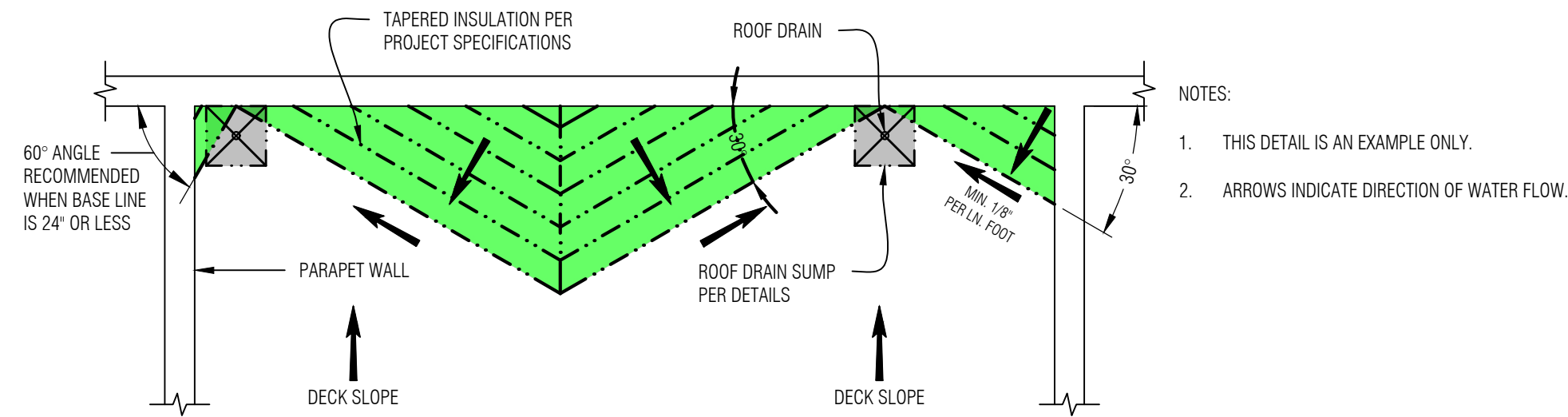
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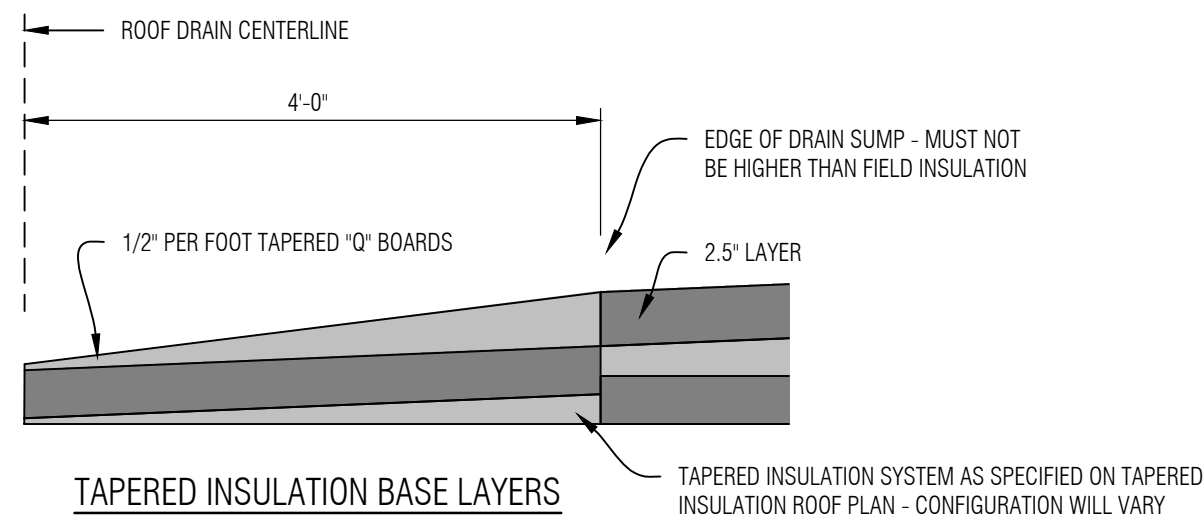
TAPERED INSULATION PLAN - BASE BID



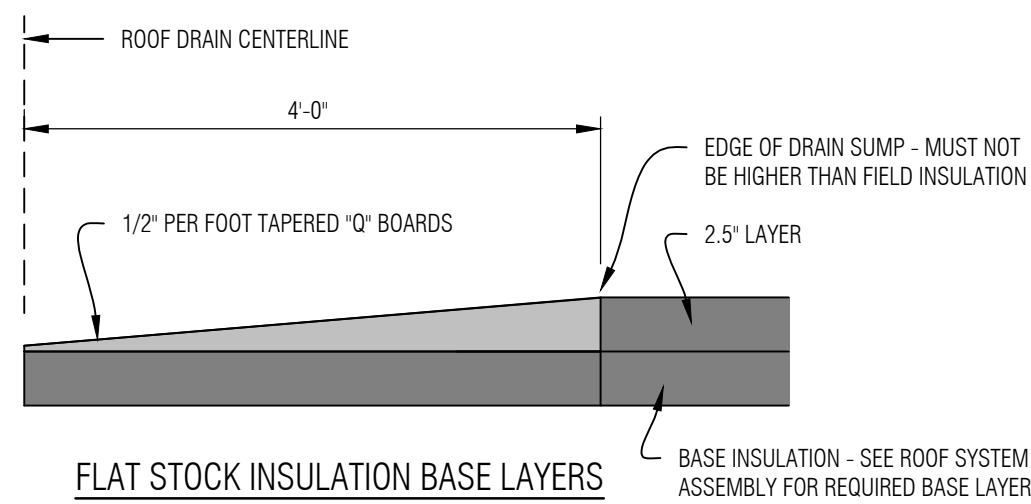
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A3.1

TAPERED INSULATION CRICKET LAYOUT AT A WALL

SCALE: NONE



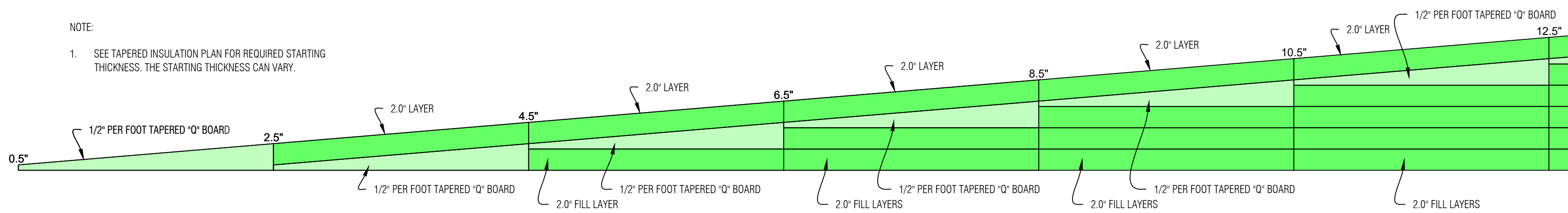
- NOTE:
1. TAPERED INSULATION DRAIN SUMP PANELS (Q - PANELS) SHALL BE INSTALLED WITHIN 2.5' TOP LAYER. THE UNDERLYING LAYERS OF INSULATION (FLAT STOCK OR TAPERED INSULATION SYSTEM) ARE NOT TO BE REMOVED. CONTRACTOR TO MAKE SURE EDGE OF Q-PANEL IS BELOW FIELD INSULATION SO THAT WATER DOES NOT POND AROUND DRAIN SUMP.



3
A3.1

1/2" TAPERED INSULATION DRAIN SUMP

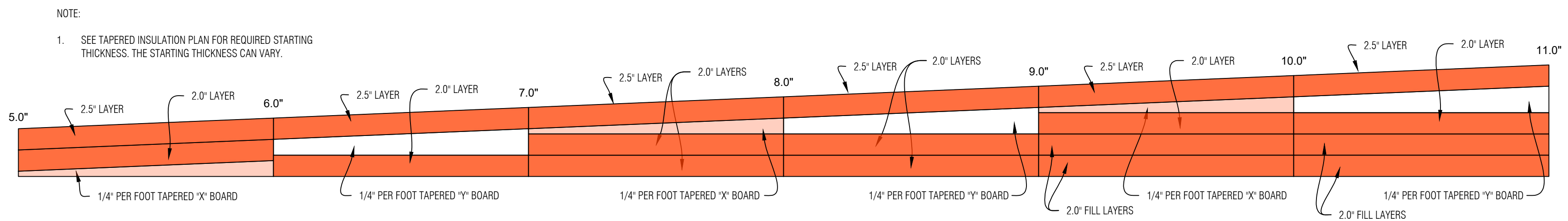
SCALE: NONE



2
A3.1

1/2" PER FOOT TAPERED INSULATION

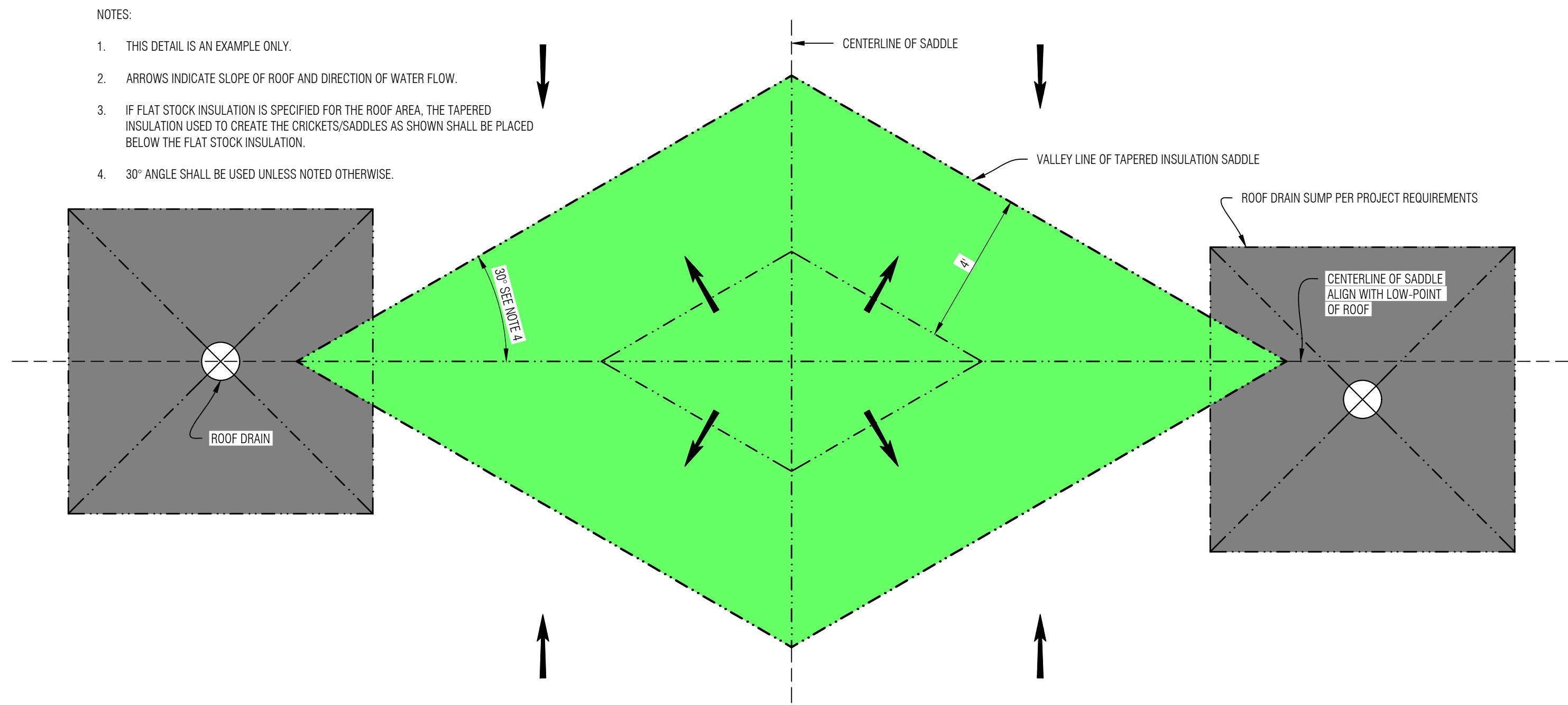
SCALE: NONE



1
A3.1

1/4" PER FOOT TAPERED INSULATION

SCALE: NONE



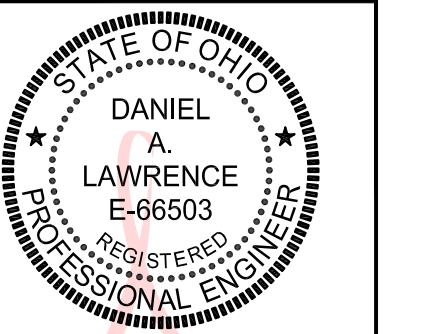
5
A3.1

TAPERED INSULATION SADDLE LAYOUT BETWEEN DRAINS

SCALE: NONE

GENERAL NOTES

2	Construction Documents	07.27.26
1	Design Development	06.30.26
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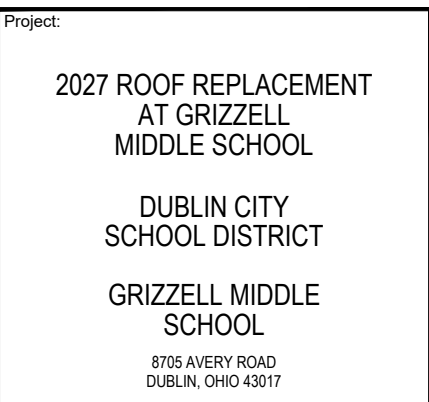
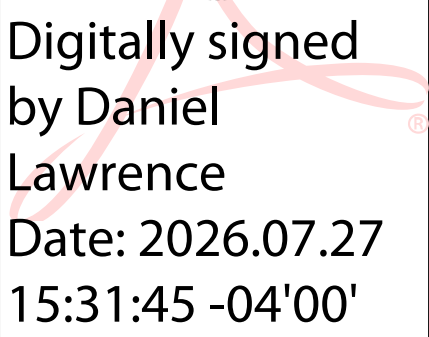
Project:
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SCHOOL DISTRICT
GRIZZELL MIDDLE
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EMD

Sheet No.:
A3.1

Sheet Name:
TAPERED INSULATION DETAILS

GENERAL NOTES		
2	Construction Documents	07.27.26
1	Design Development	06.30.26
No.	Revision/Issue	Date



Sheet No.: A4.0	Sheet Name: DETAILS
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Sheet Name: DETAILS

3 A4.0 COPING CAP AT CURTAIN WALL SYSTEM

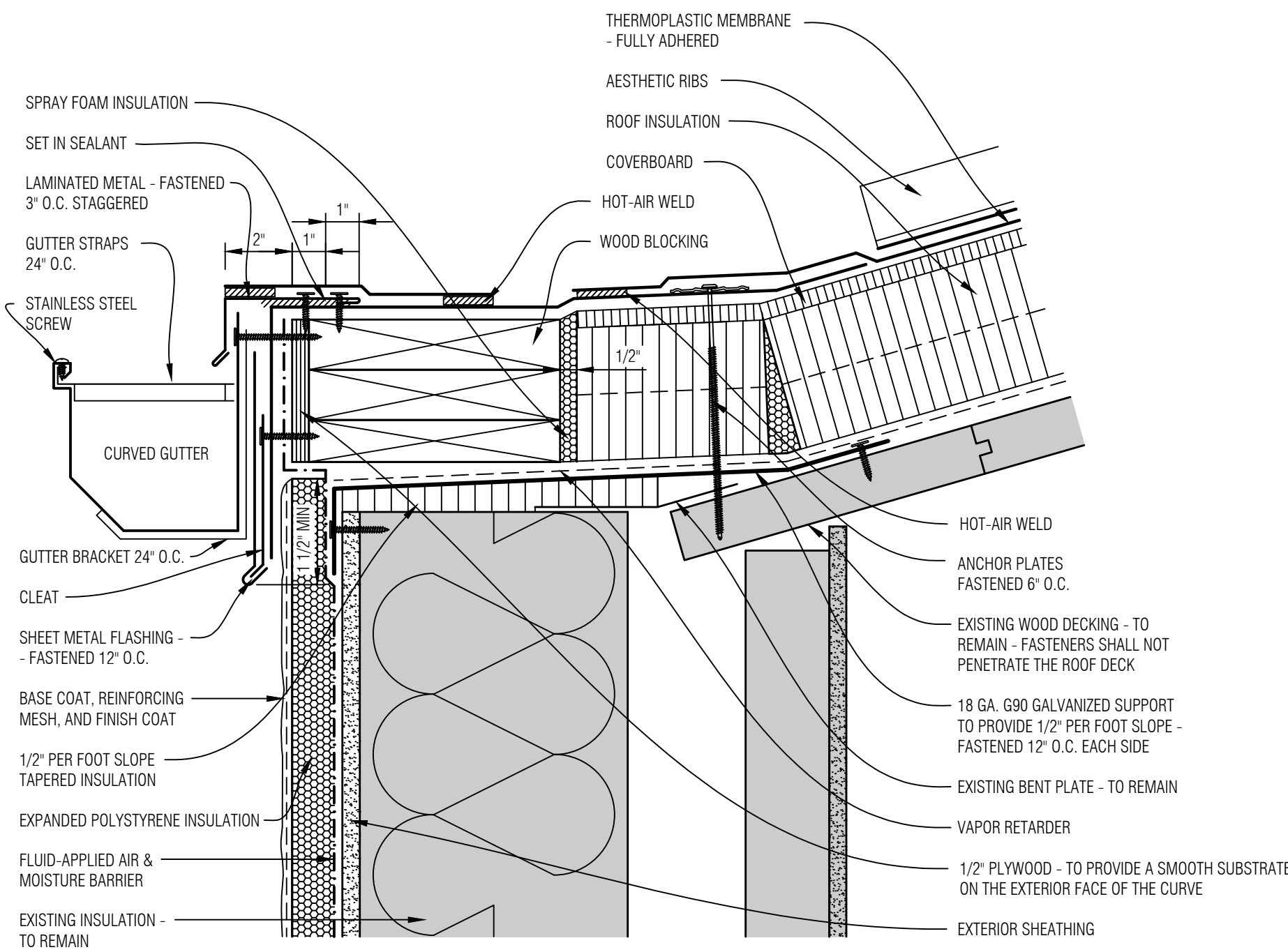
2
A4.0

COPING CAP AT CMU WALL DETAIL

SCALE: NONE



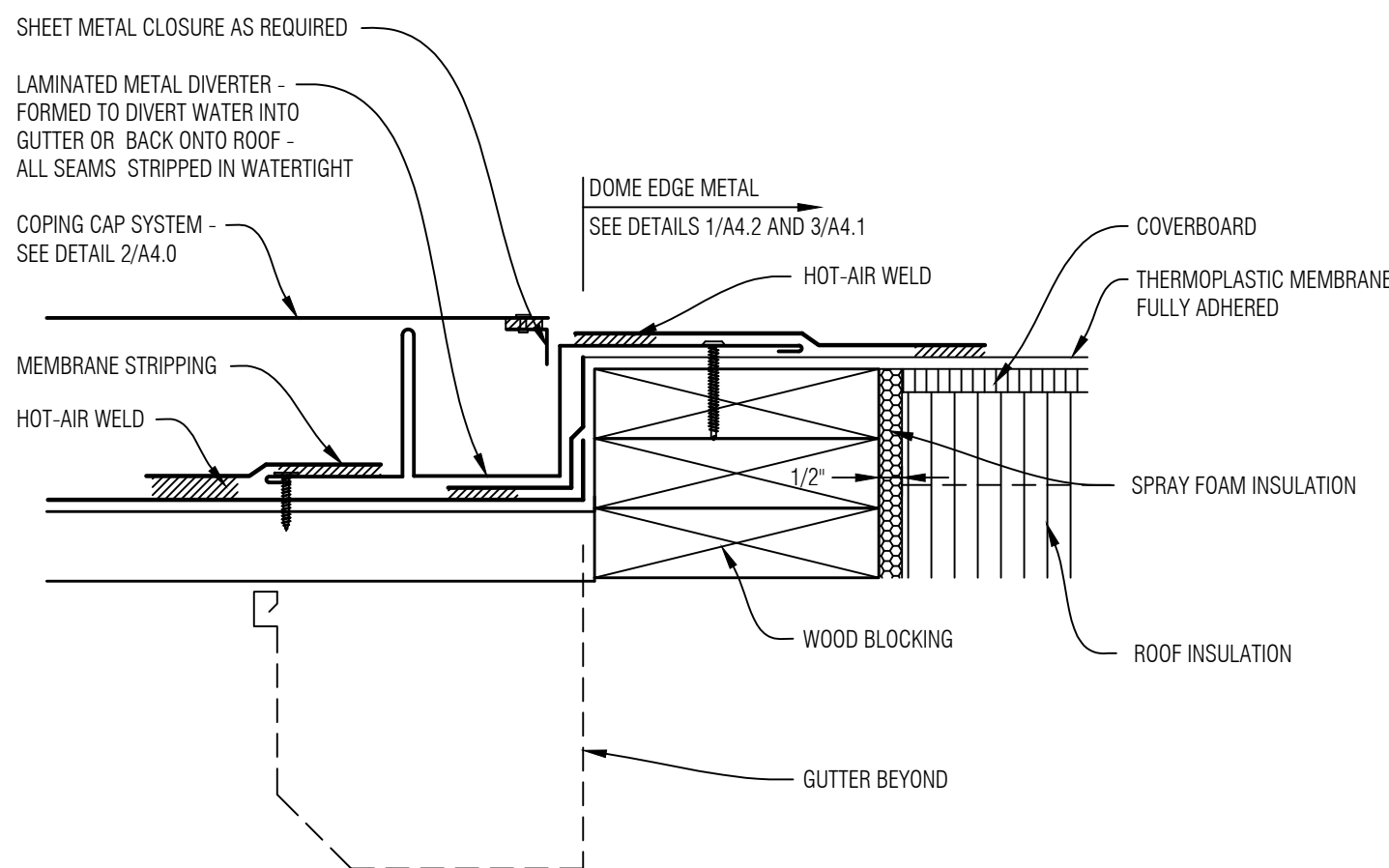
1 PARAPET WALL - STANDING SEAM AND PVC DETAIL
A4.0 SCALE: NONE



3 GUTTER EDGE AT DOME ROOF DETAIL
A4.1 SCALE: NONE

NOTE:

1. THE ACTUAL FIELD CONDITIONS AND ELEVATIONS MAY VARY.
CONTRACTOR TO ADJUST DETAIL BASED ON FIELD REQUIREMENTS.

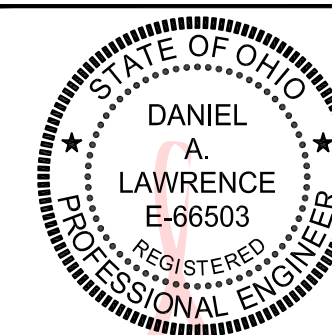


2 COPING CAP TERMINATION AT DOME ROOF
A4.1 SCALE: NONE

1 DETAIL NOT USED
A4.1 SCALE: NONE

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	07.27.26
1	Design Development	06.30.26
No.	Revision/Issue	Date



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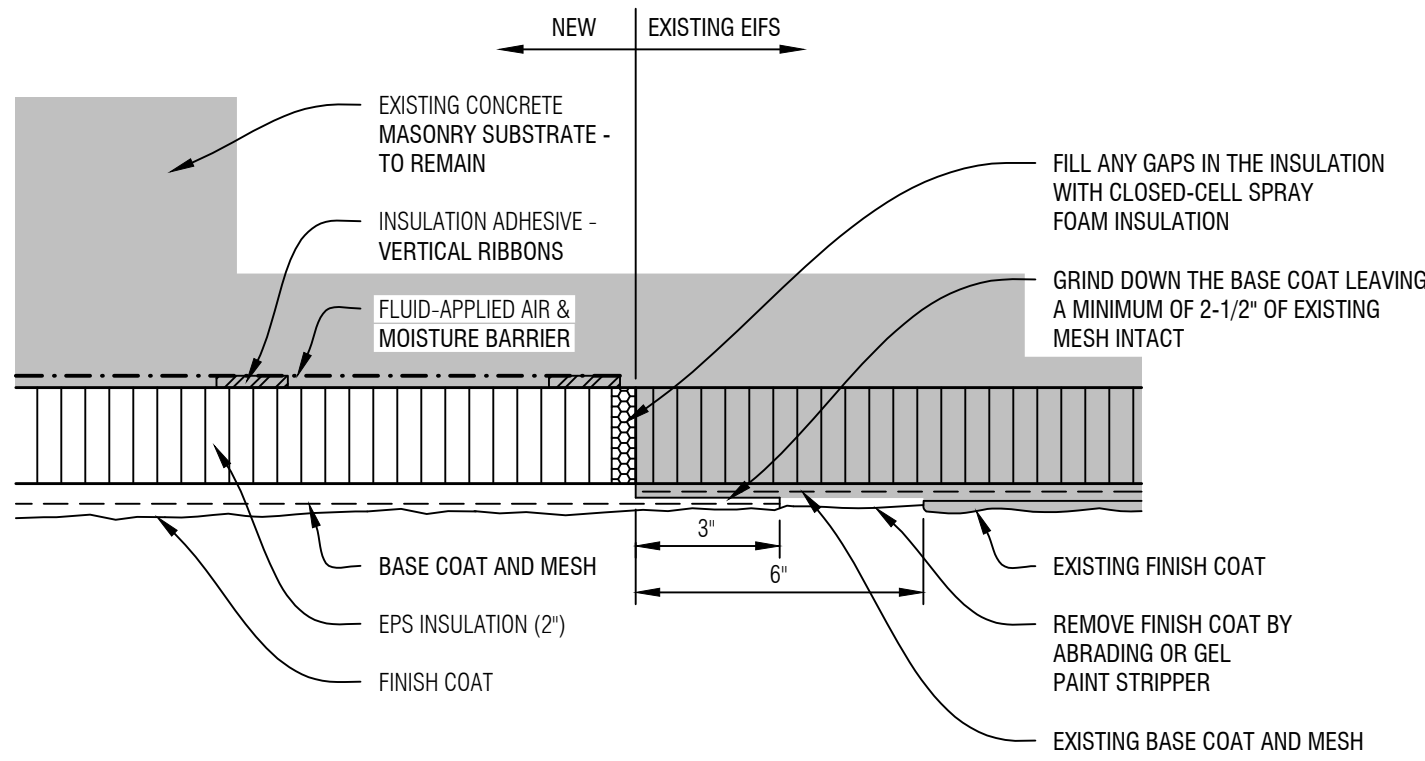
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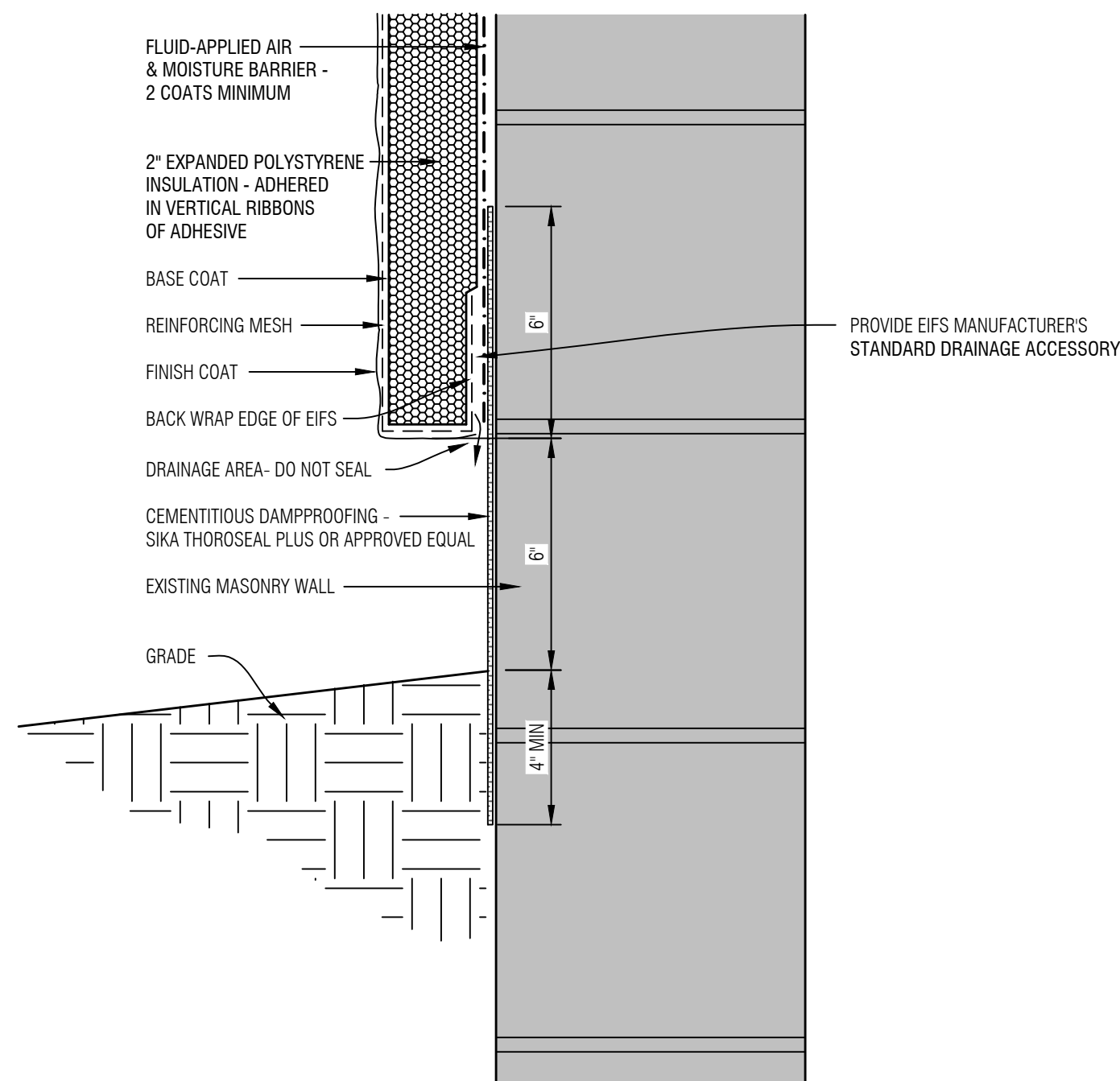
DETAILS



4
A4.2

EIFS TIE-IN TO EXISTING EIFS DETAIL

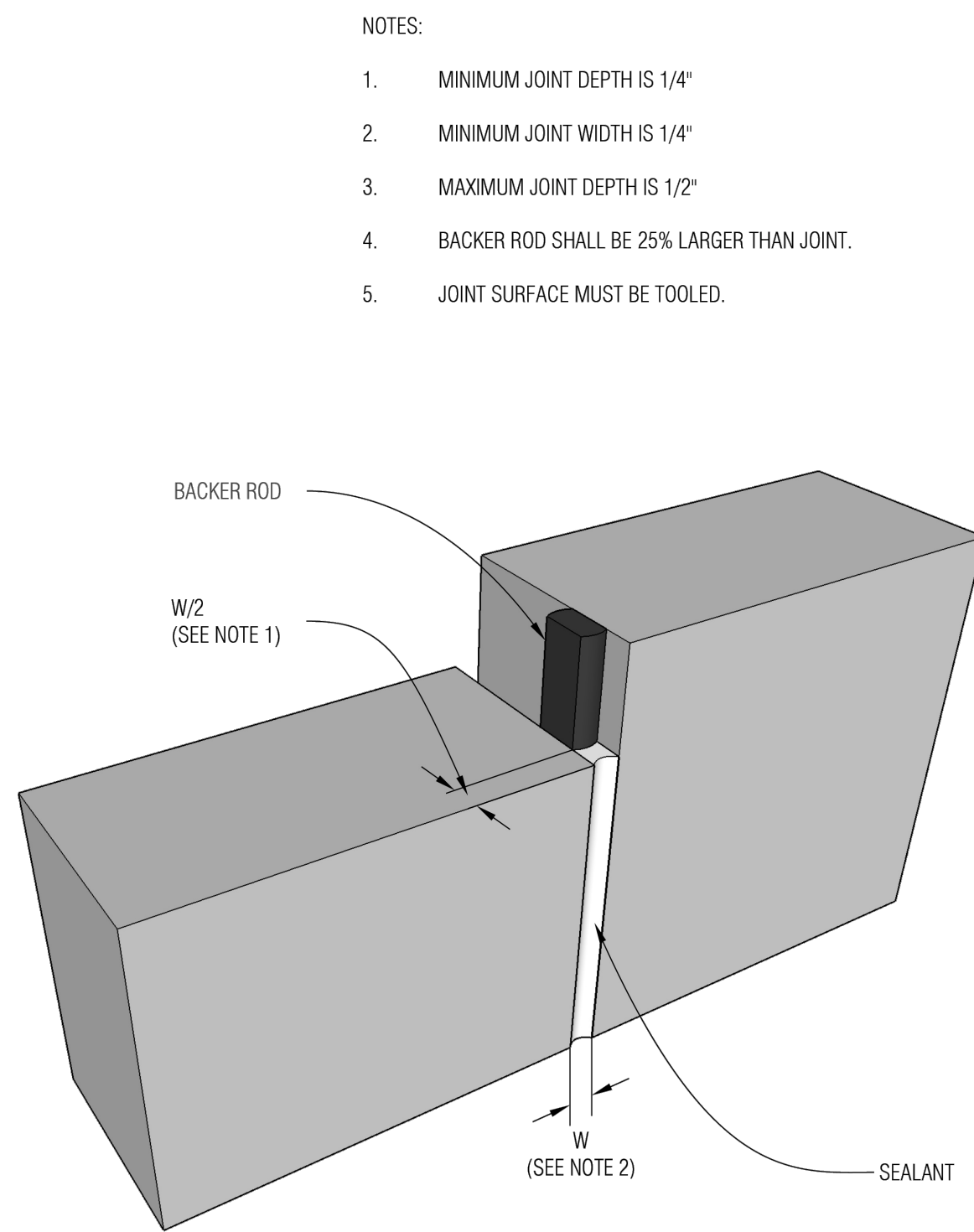
SCALE: NONE



3
A4.2

EIFS TERMINATION AT GRADE DETAIL

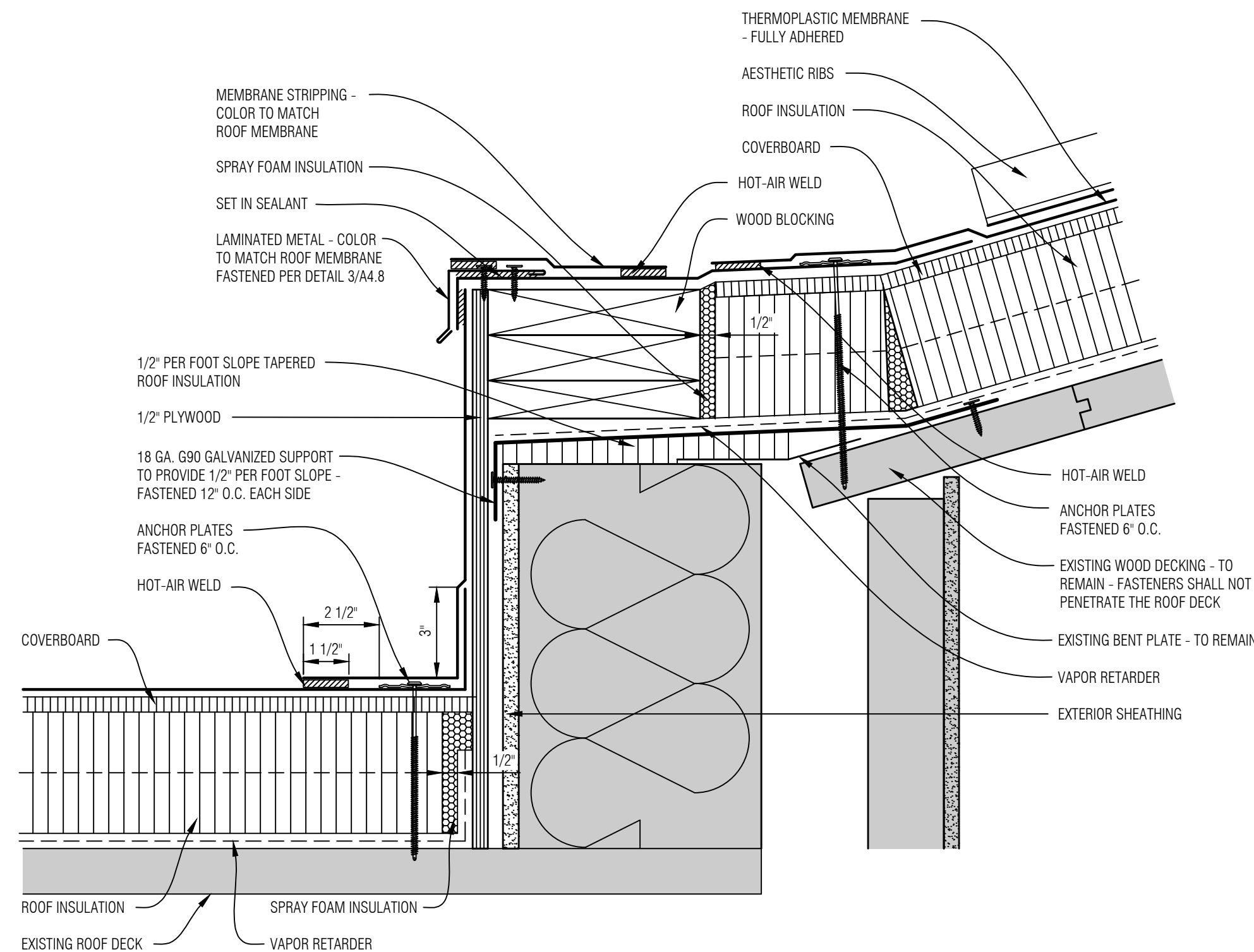
SCALE: NONE



2
A4.2

SEALANT JOINTS DETAIL

SCALE: NONE



1
A4.2

BASE FLASHING AT DOME ROOF DETAIL

SCALE: NONE

GENERAL NOTES		
2	Construction Documents	07.27.26
1	Design Development	06.30.26
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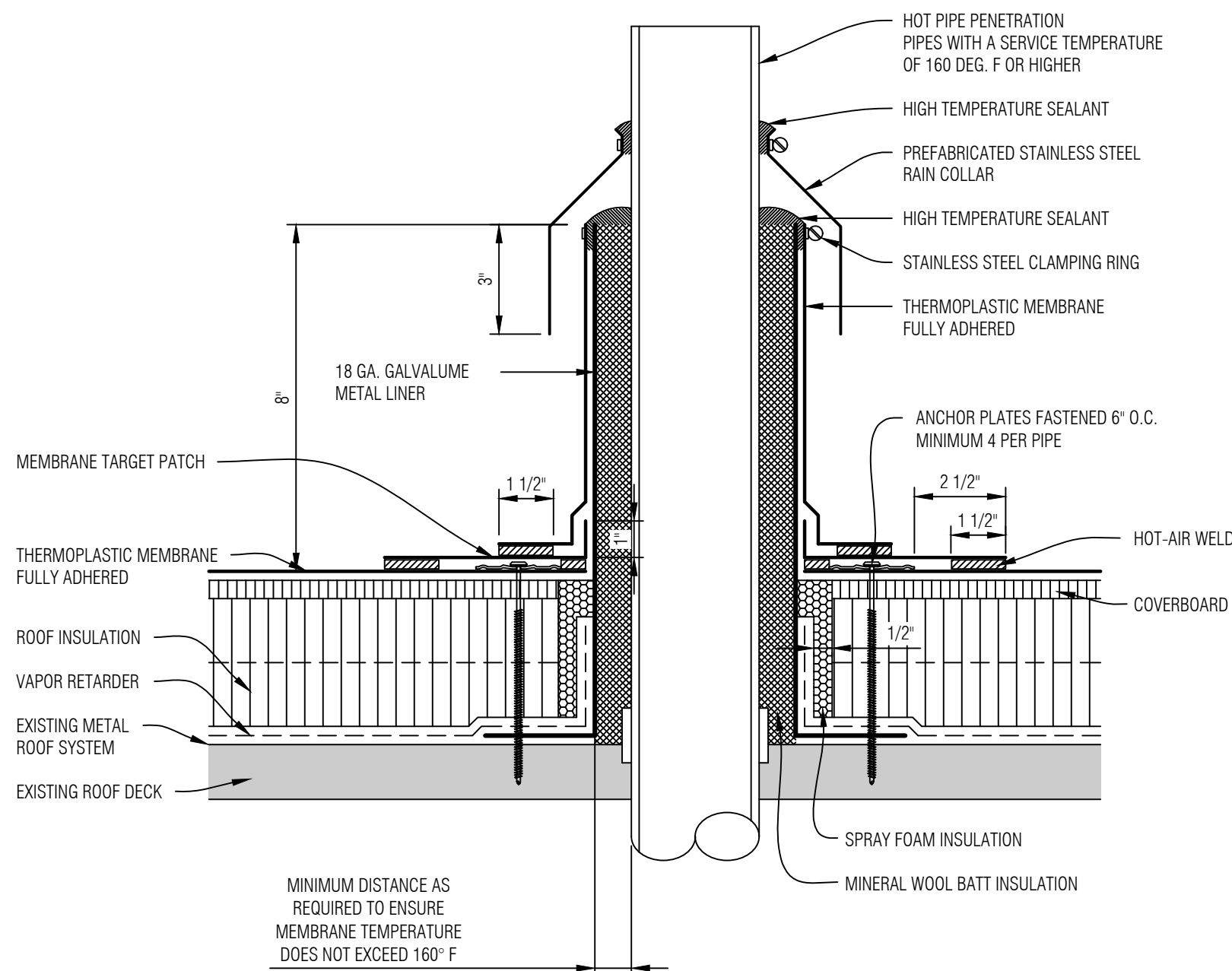
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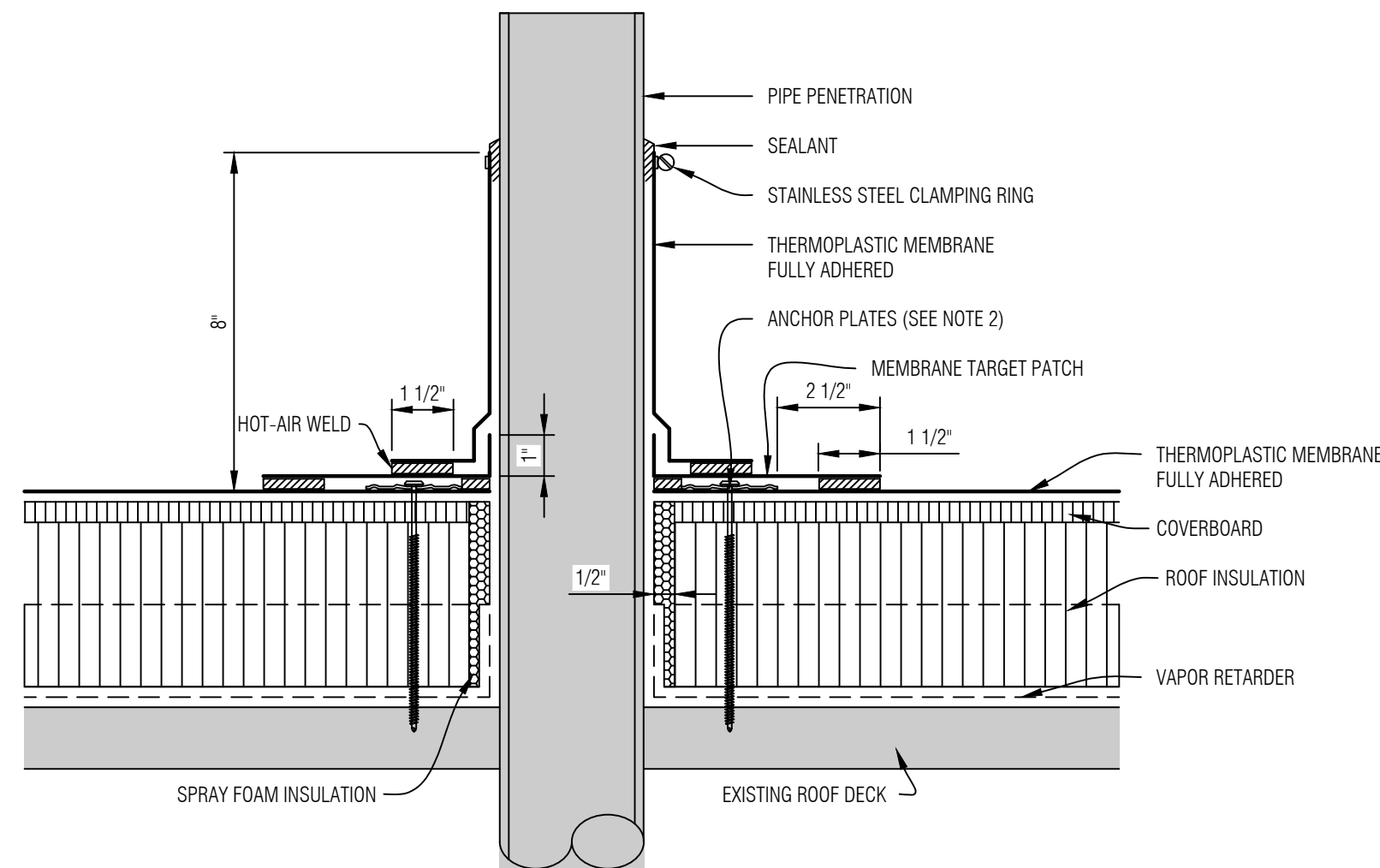
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DETAILS

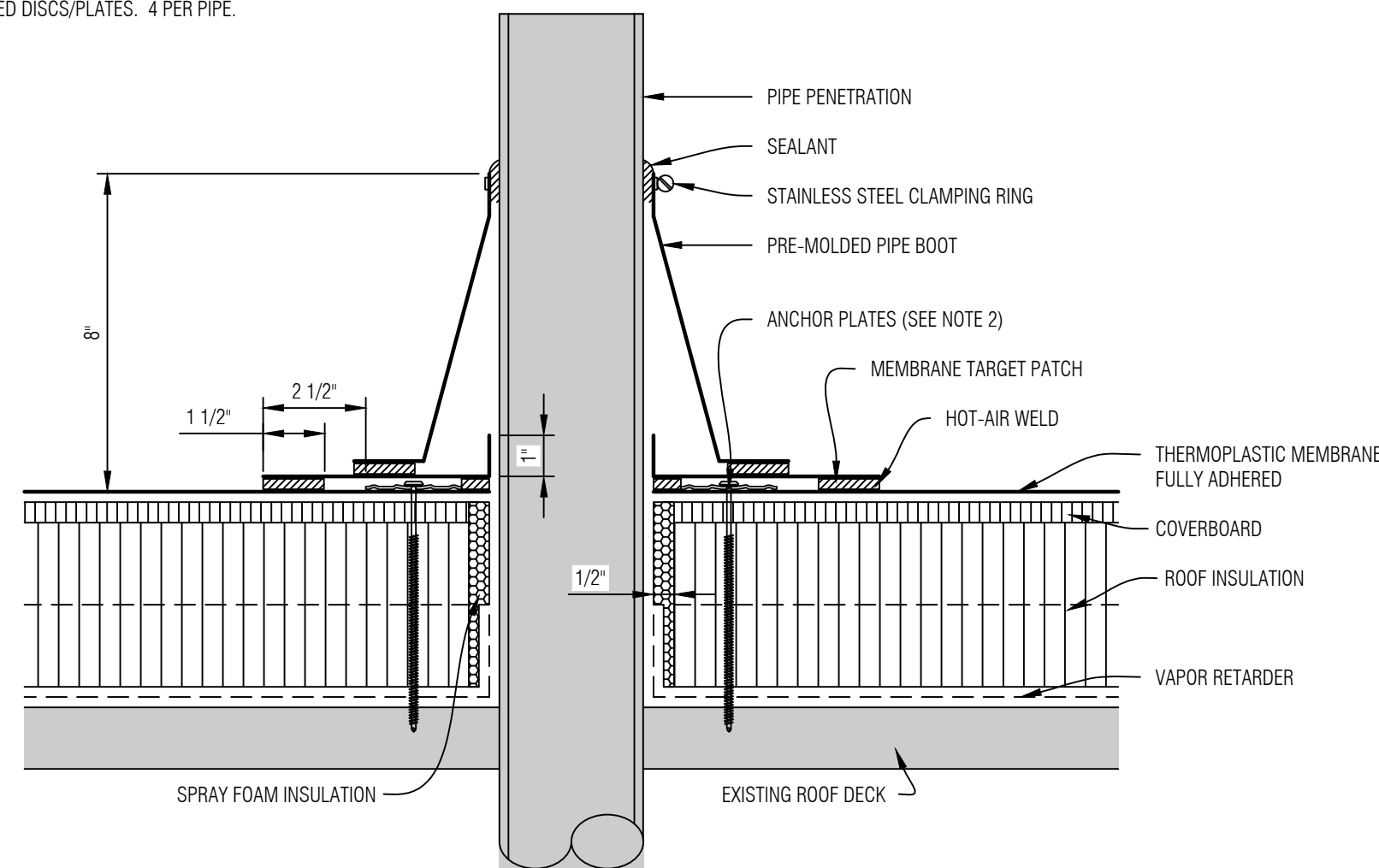


4 HOT PIPE FLASHING DETAIL
SCALE: NONE

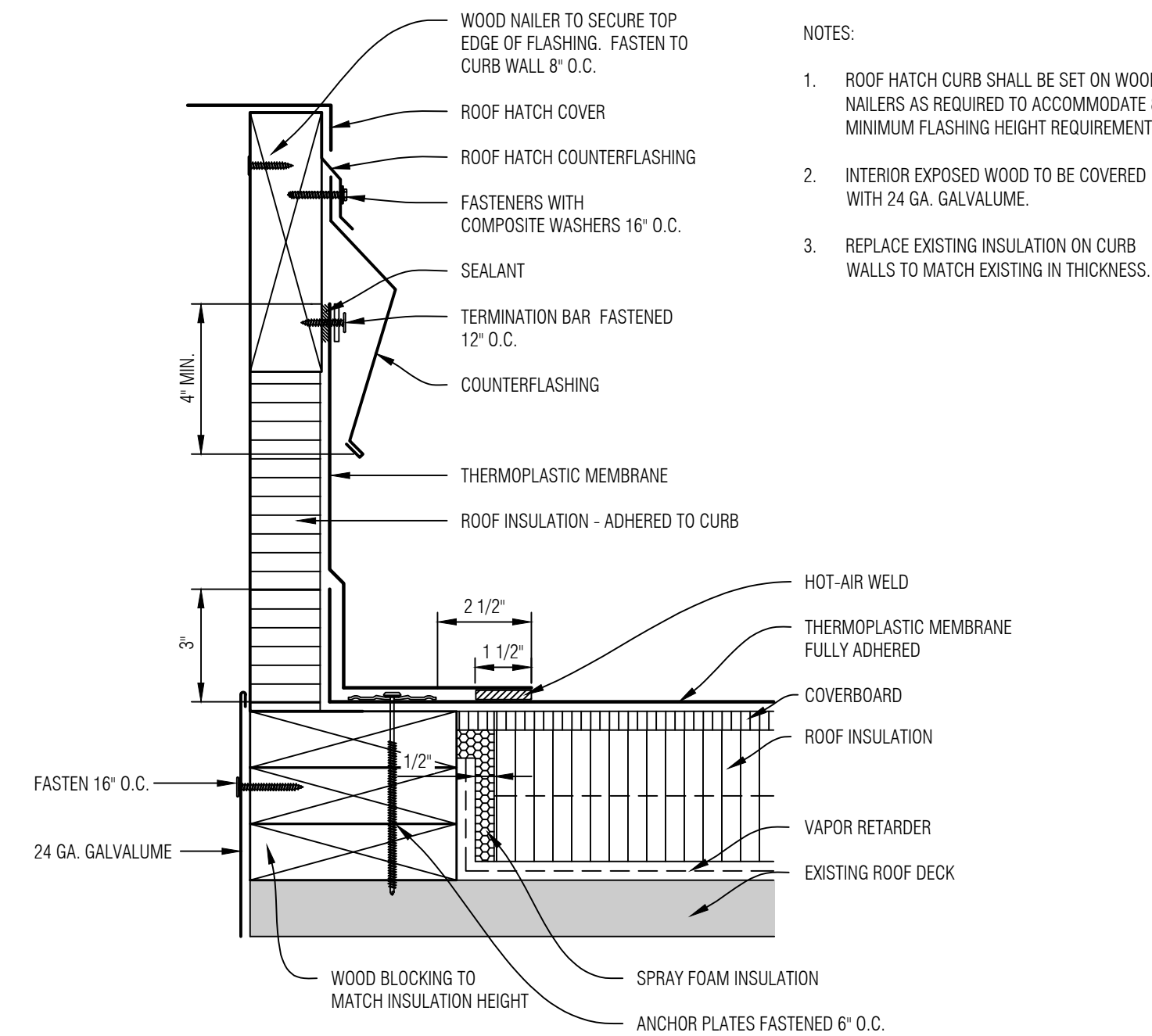


- NOTES:
1. ALUMINUM TAPE SEPARATION IS REQUIRED IF EXISTING PENETRATION IS CONTAMINATED.
 2. INSTALL 2" DIAMETER MEMBRANE MANUFACTURERS APPROVED DISCS/PLATES: 4 PER PIPE.

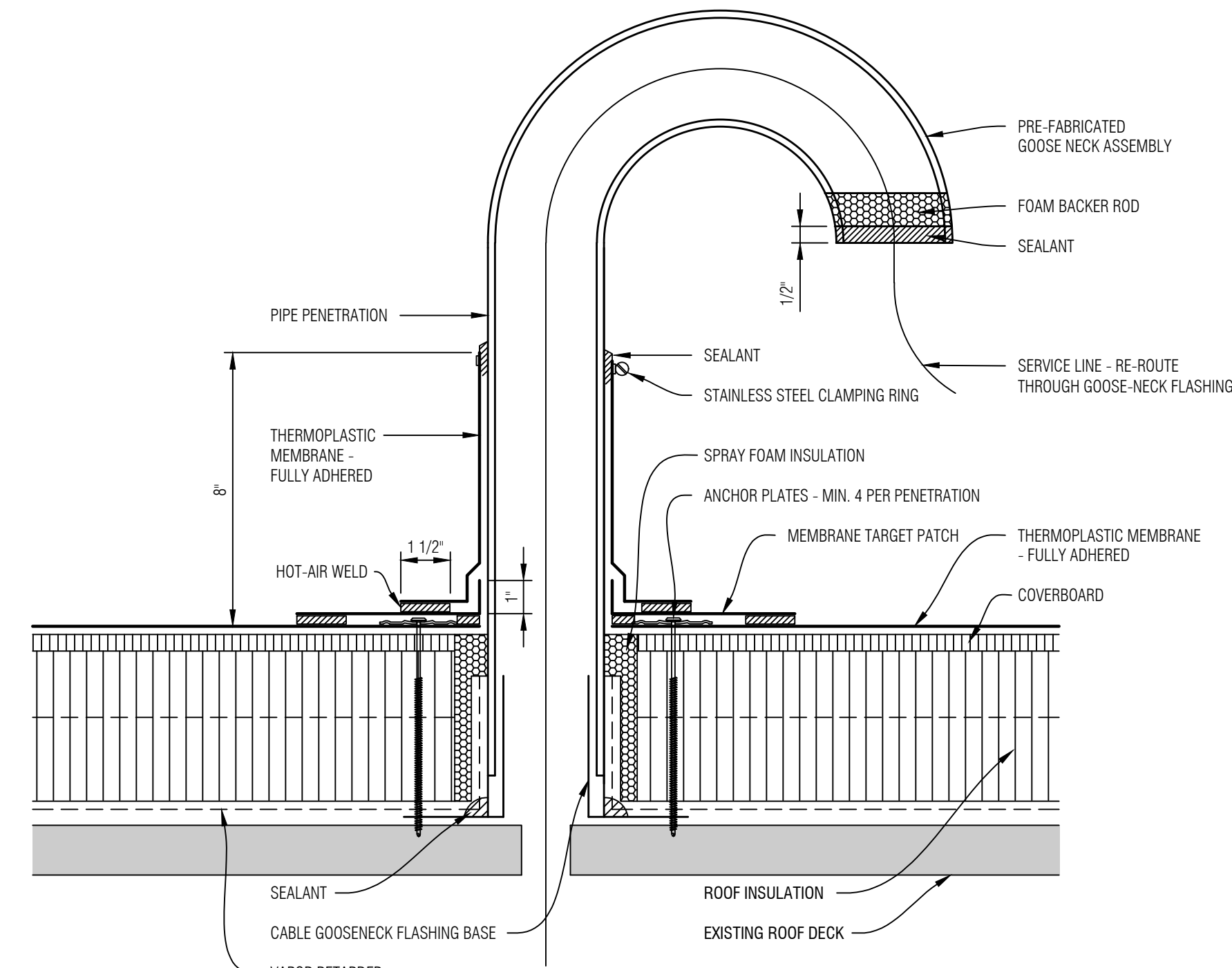
ALTERNATE PIPE FLASHING



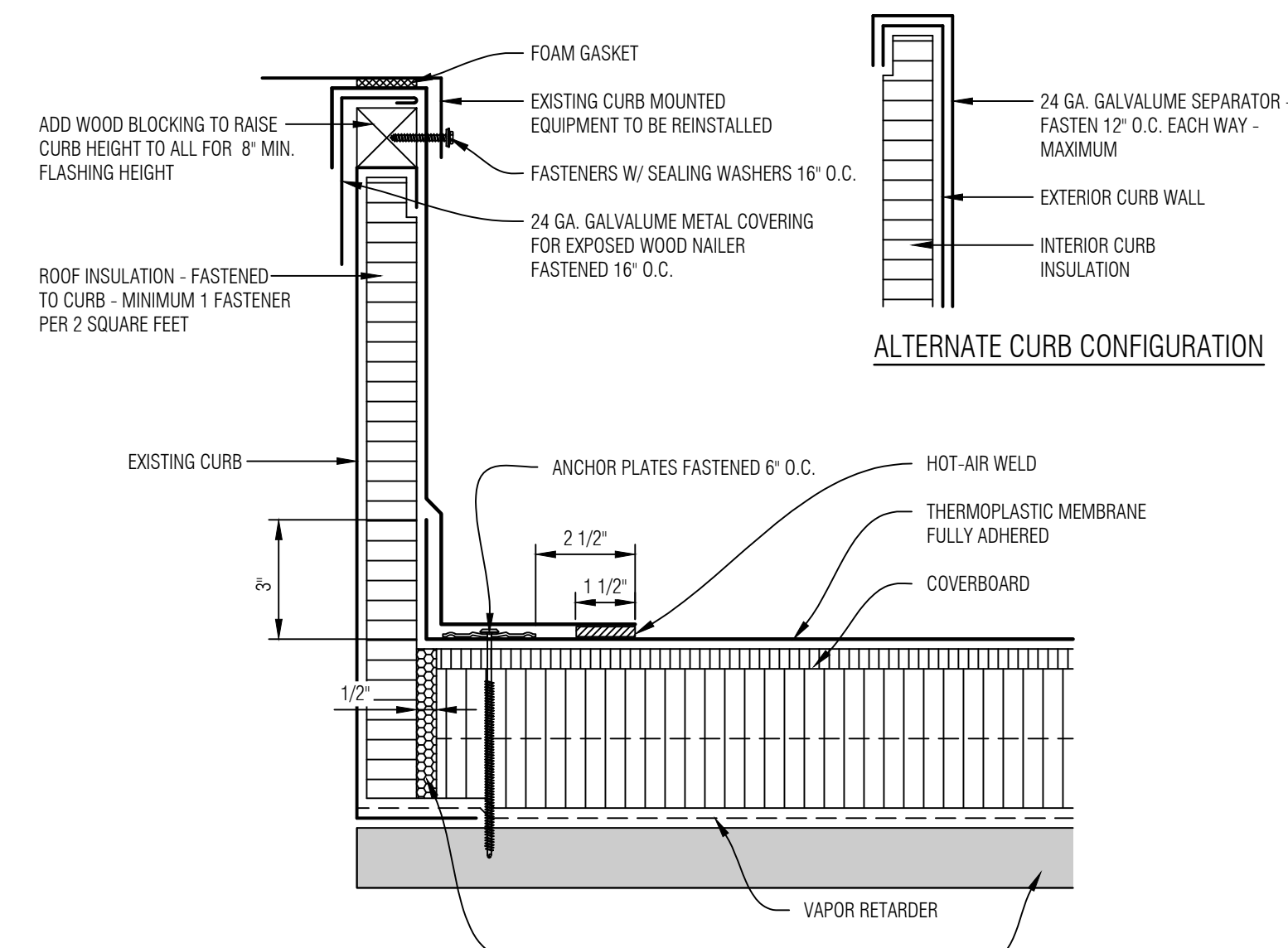
5 PRE-MOLDED PIPE FLASHING DETAIL
SCALE: NONE



2 ROOF HATCH FLASHING DETAIL
SCALE: NONE



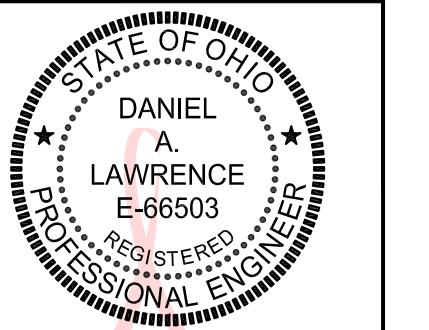
6 GOOSENECK CABLE FLASHING DETAIL
SCALE: NONE



1 SMALL CURB FLASHING DETAIL
SCALE: NONE

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	07.27.26
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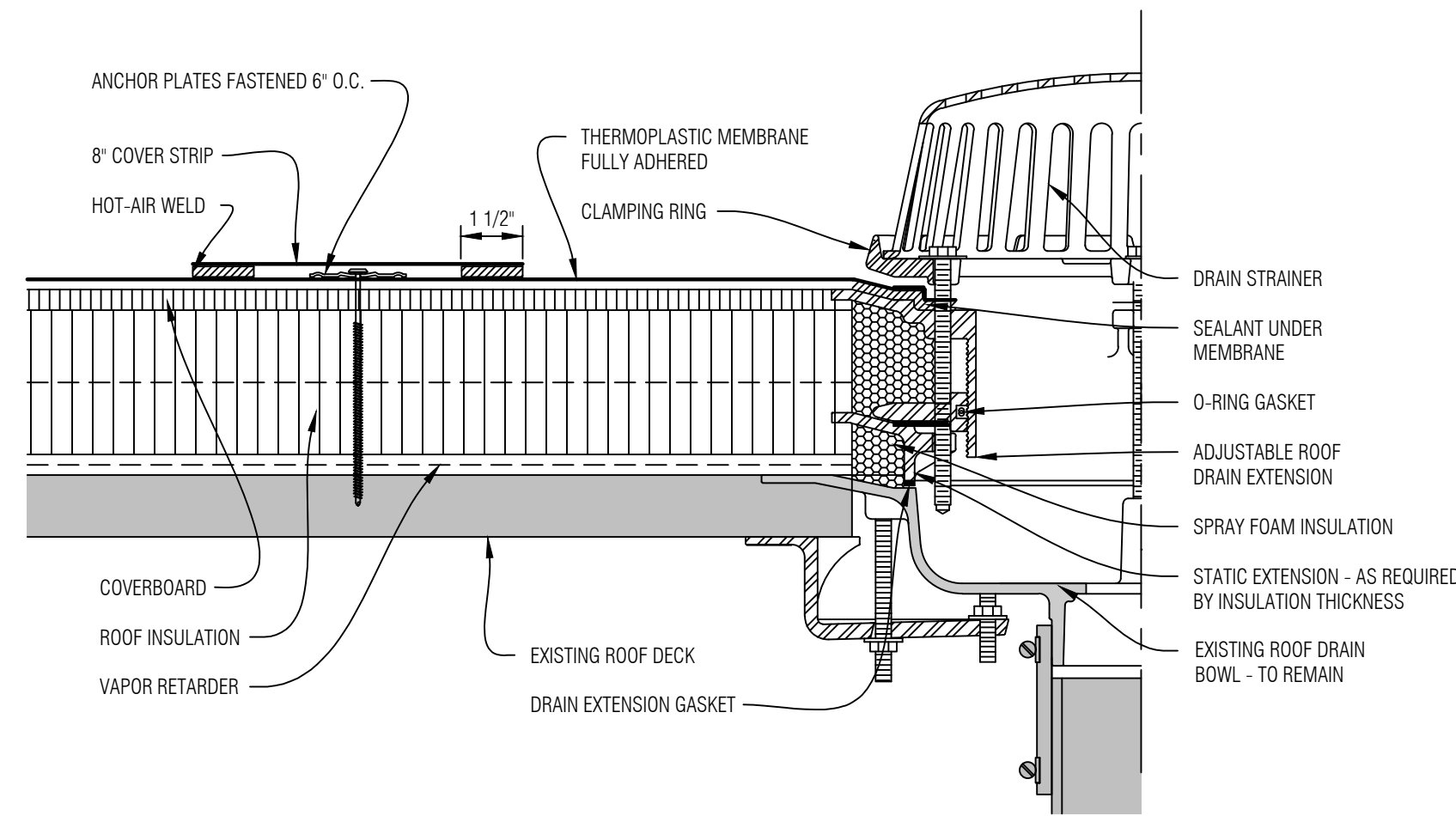
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Sheet No.: **A4.3**

DETAILS

NOTES:

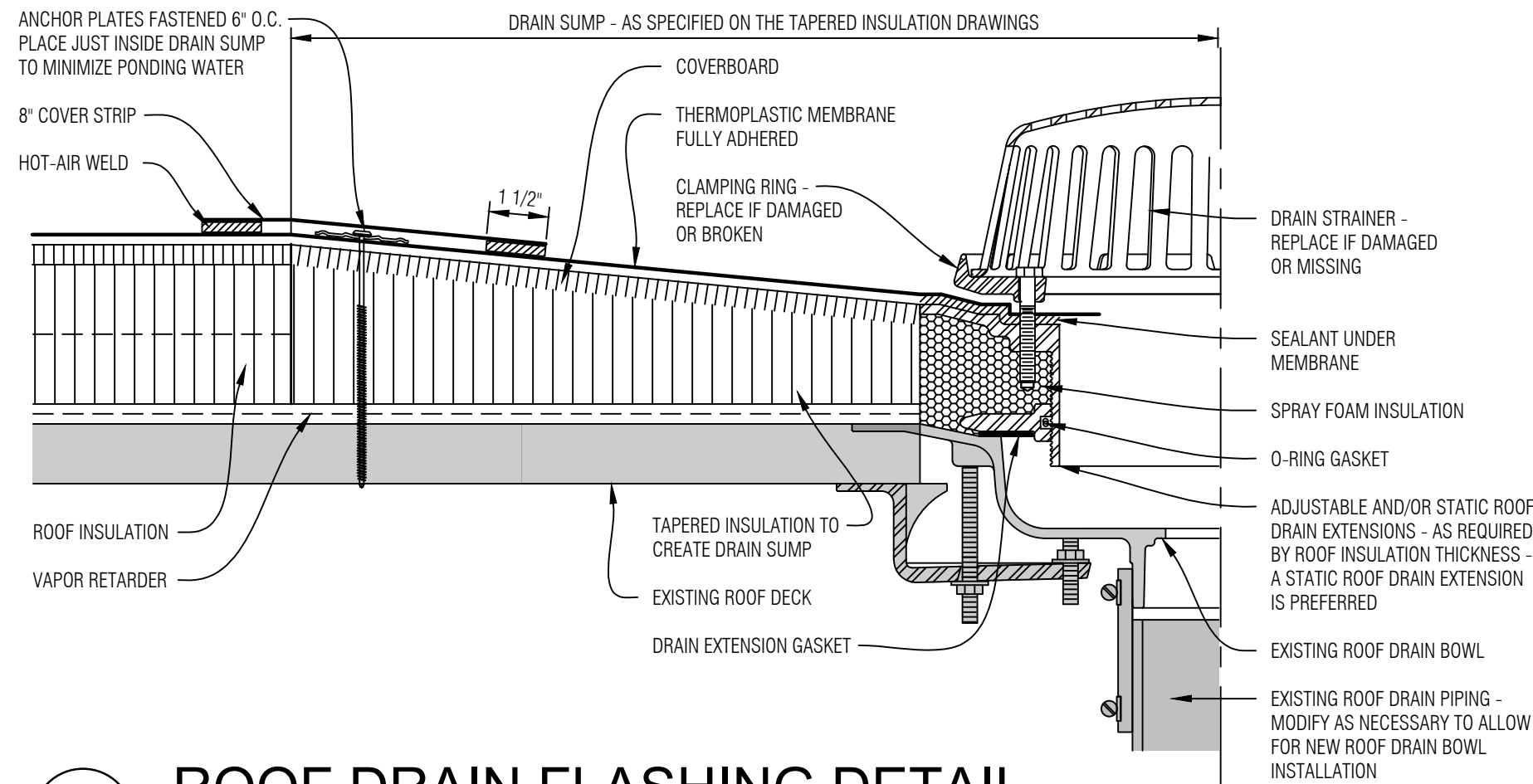
- DO NOT TAPER THE ROOF INSULATION TO THE OVERFLOW DRAIN BOWL.
- FORM FLASHING MEMBRANE TO DRAIN BODY AND INSULATION. SET FLASHING MEMBRANE IN SEALANT.
- DURING THE REMOVAL AND INSTALLATION, INSTALL A TEMPORARY PLUG IN THE ROOF DRAIN TO PREVENT DEBRIS FROM ENTERING THE DRAIN LINE. REMOVE DRAIN PLUG AT THE END OF EACH WORK DAY.
- THE PERIMETER SECUREMENT SHALL BE APPROXIMATELY 4" FROM THE CENTER OF THE DRAIN AND CAN BE COMBINED WITH THE PERIMETER SECUREMENT FOR THE PRIMARY ROOF DRAIN.



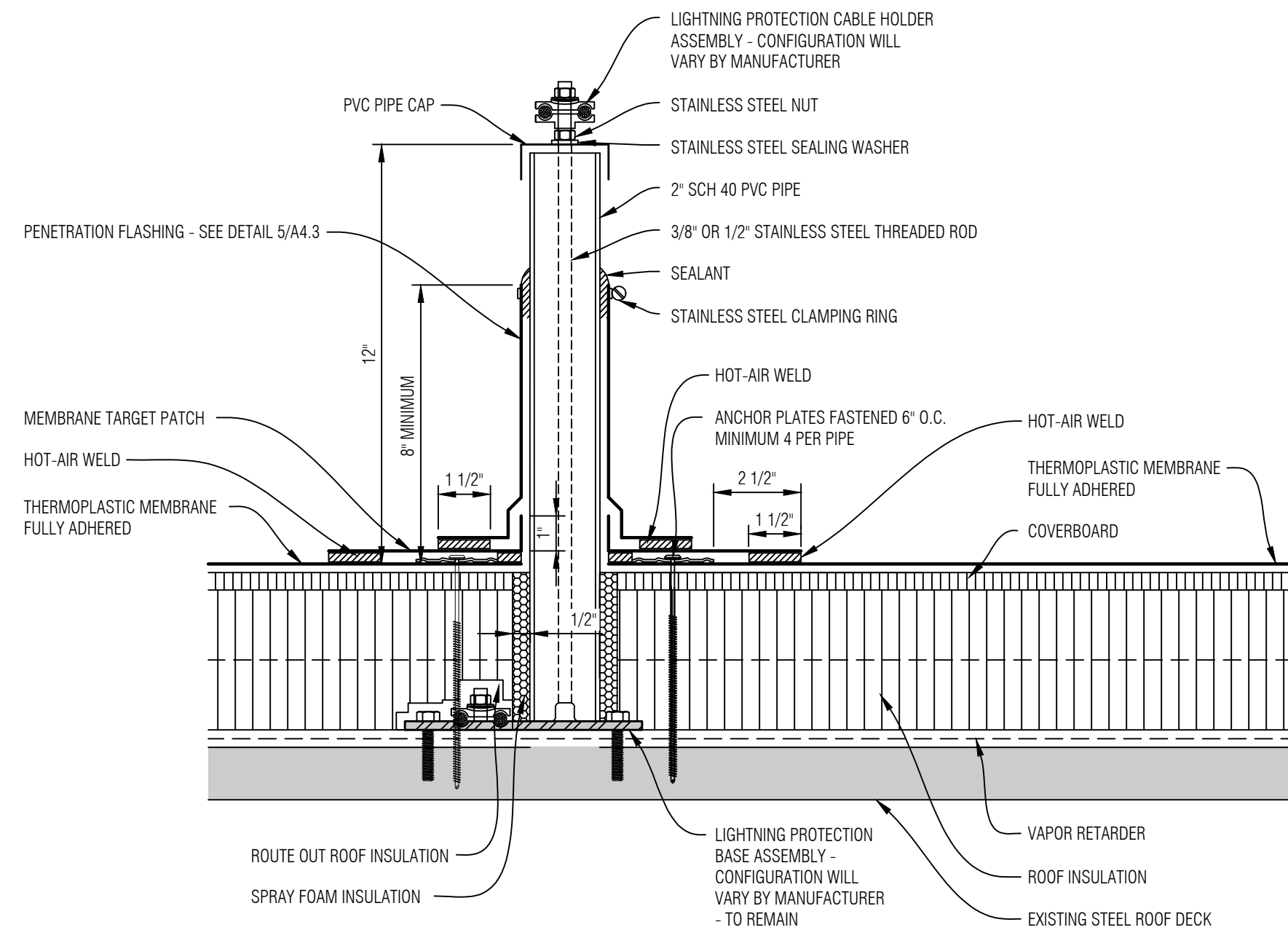
3 OVERFLOW DRAIN DETAIL
SCALE: NONE

NOTES:

- PROVIDE ADJUSTABLE AND/OR STATIC ROOF DRAIN EXTENSION AS NECESSARY. TAPER ROOF INSULATION TO DRAIN EXTENSION. 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.



2 ROOF DRAIN FLASHING DETAIL
SCALE: NONE



1 LIGHTNING PROTECTION THROUGH ROOF PENETRATION
SCALE: NONE

GENERAL NOTES



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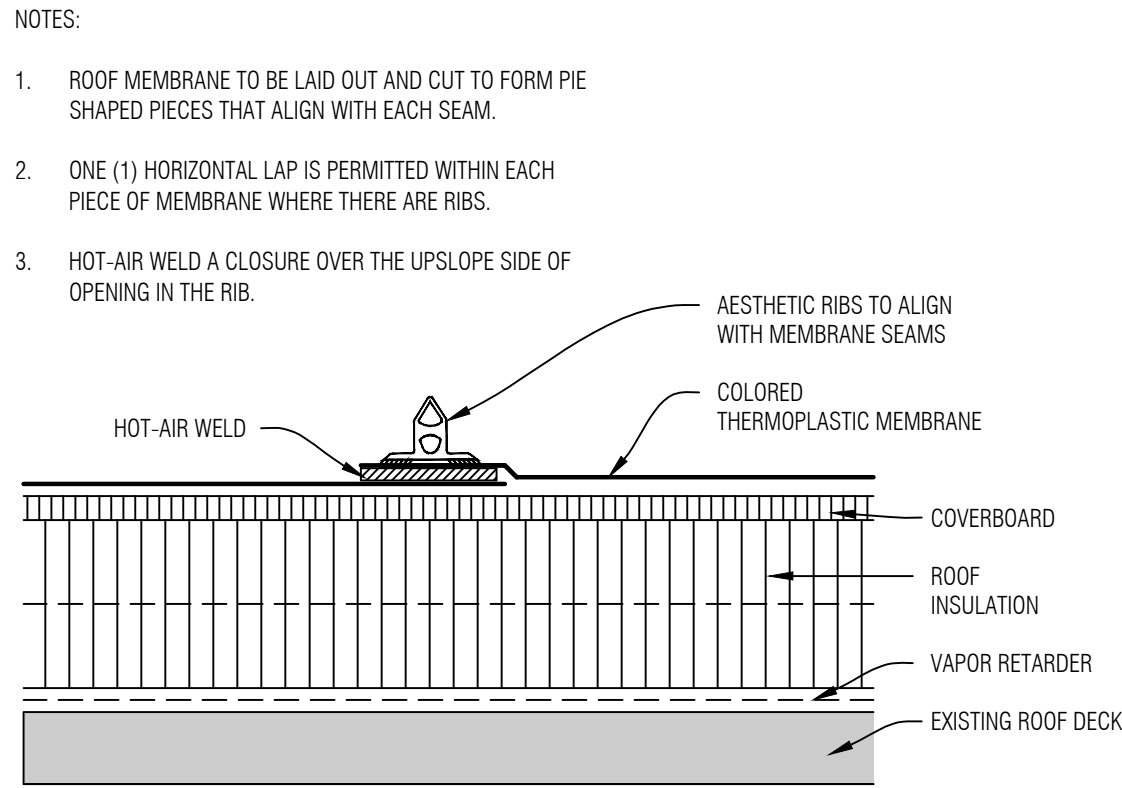
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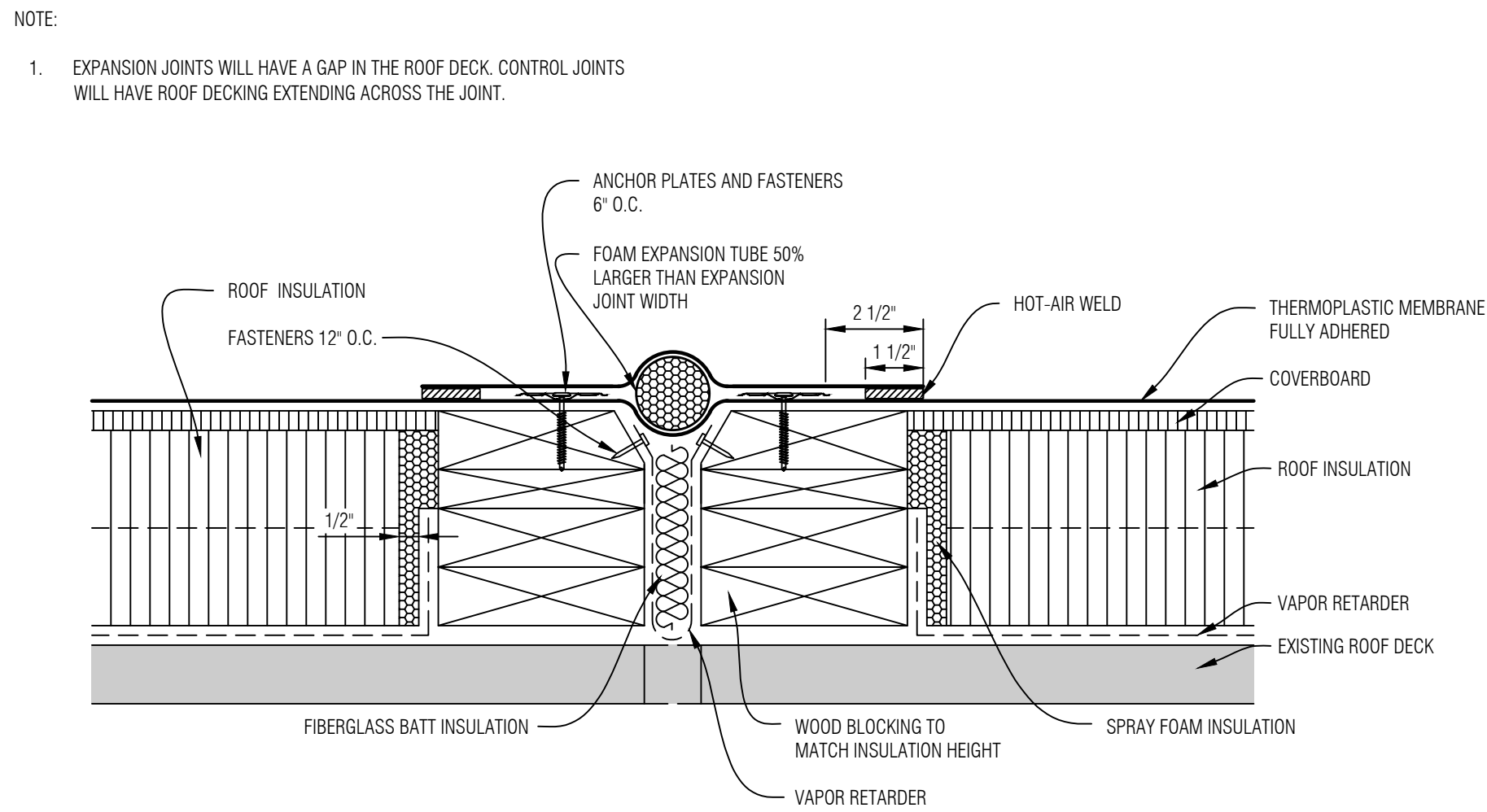
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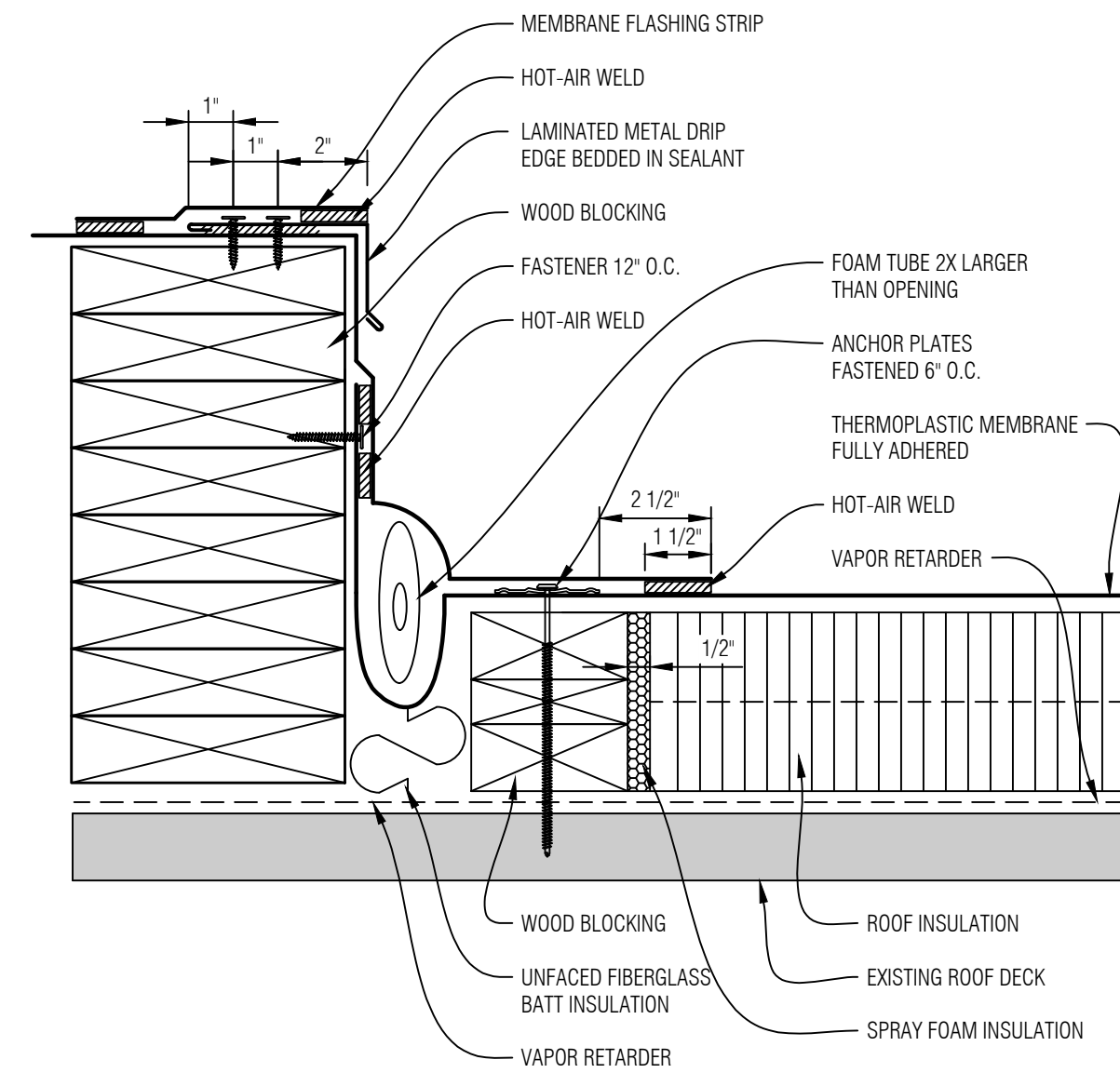
DETAILS



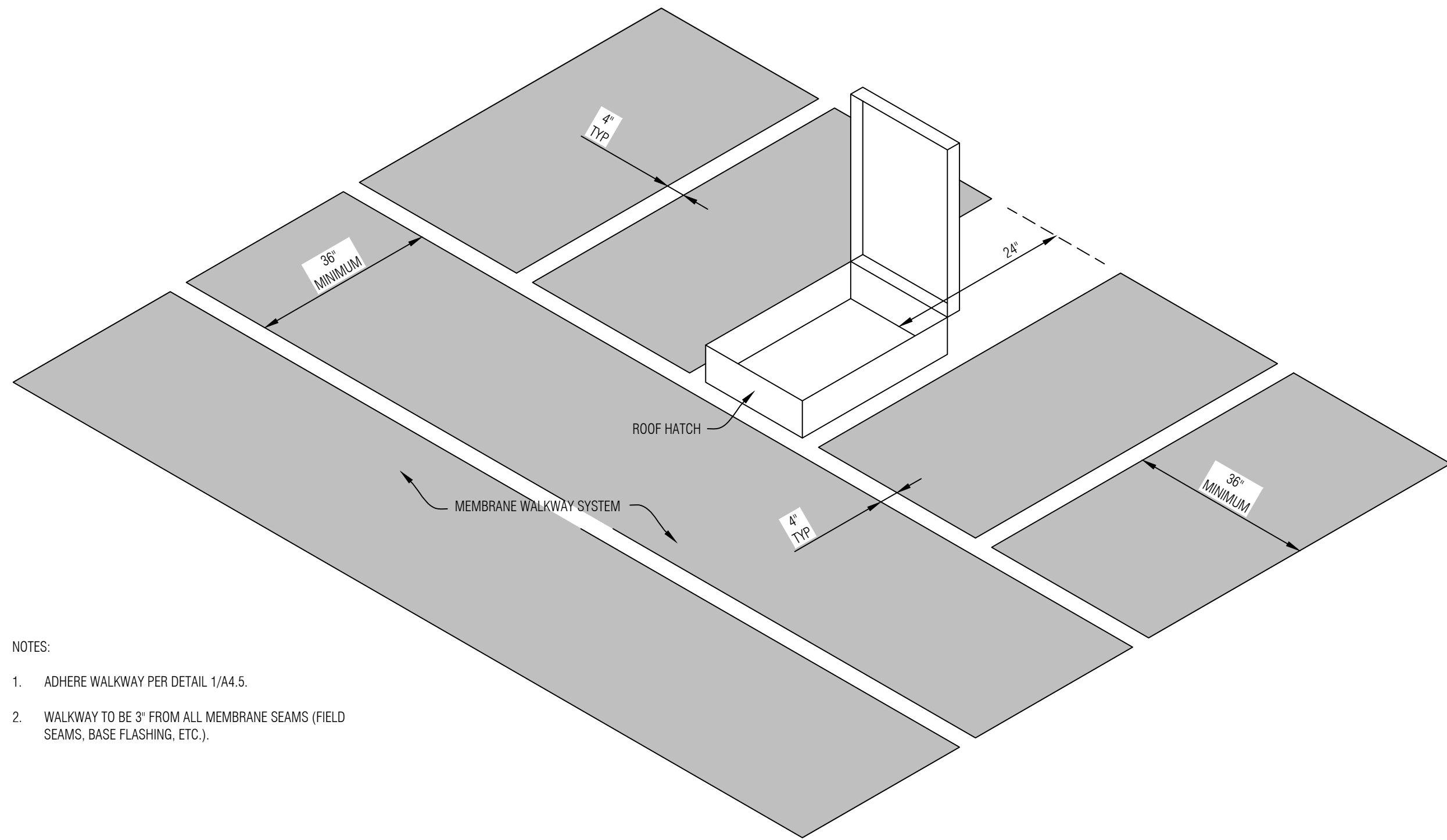
3 DOME RIB LAYOUT
A4.5 SCALE: NONE



4 EXPANSION JOINT/ROOF CONTROL FLASHING DETAIL - LOW PROFILE
A4.5 SCALE: NONE

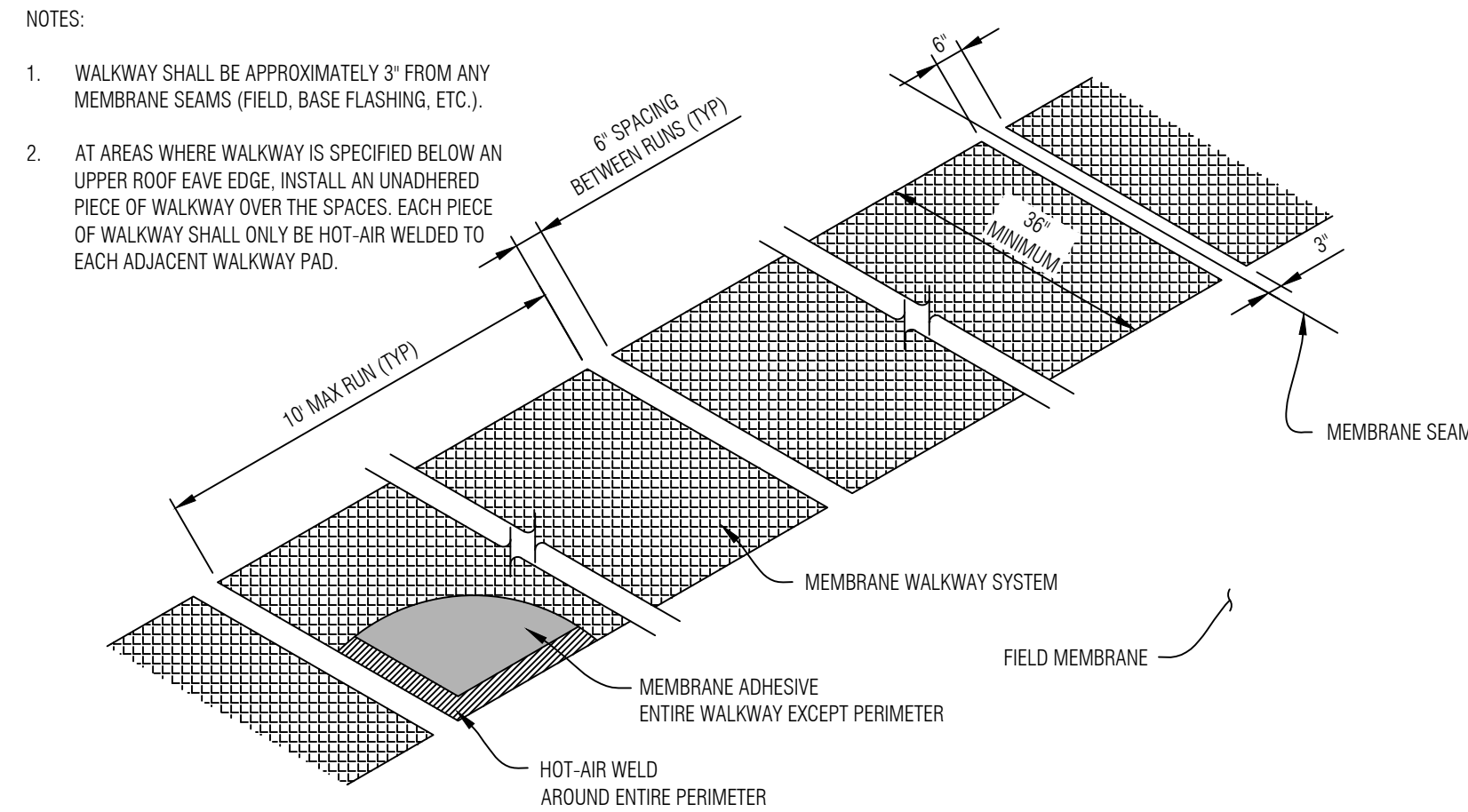


5 ROOF CONTROL JOINT DETAIL
A4.5 SCALE: NONE



- NOTES:
1. ADHERE WALKWAY PER DETAIL 1/A4.5.
 2. WALKWAY TO BE 3\"/>

2 WALKWAY MEMBRANE @ ROOF HATCH DETAIL
A4.5 SCALE: NONE



1 WALKWAY MEMBRANE DETAIL
A4.5 SCALE: NONE

GENERAL NOTES			
2	Construction Documents	07.27.26	
1	Design Development	06.30.26	
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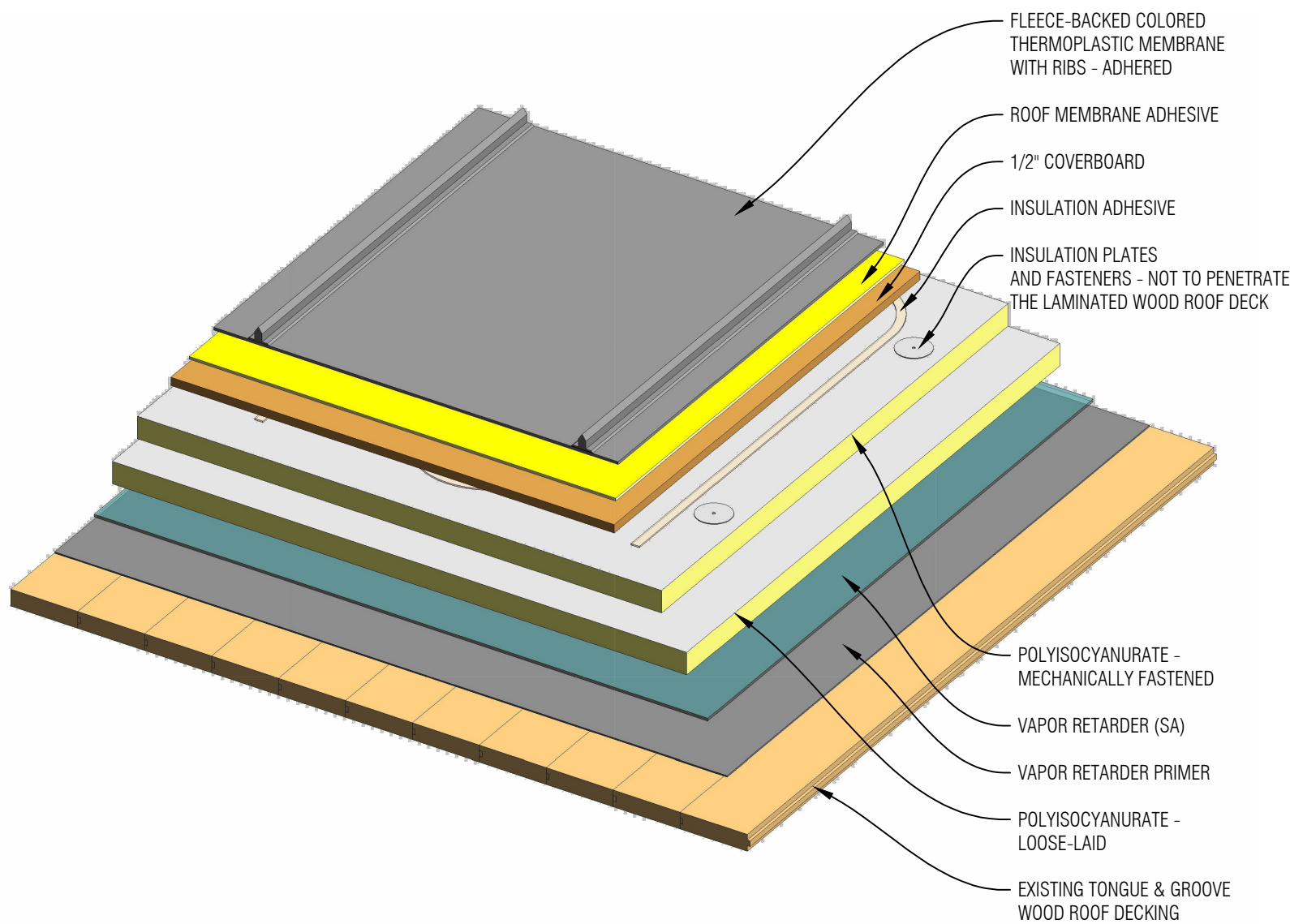
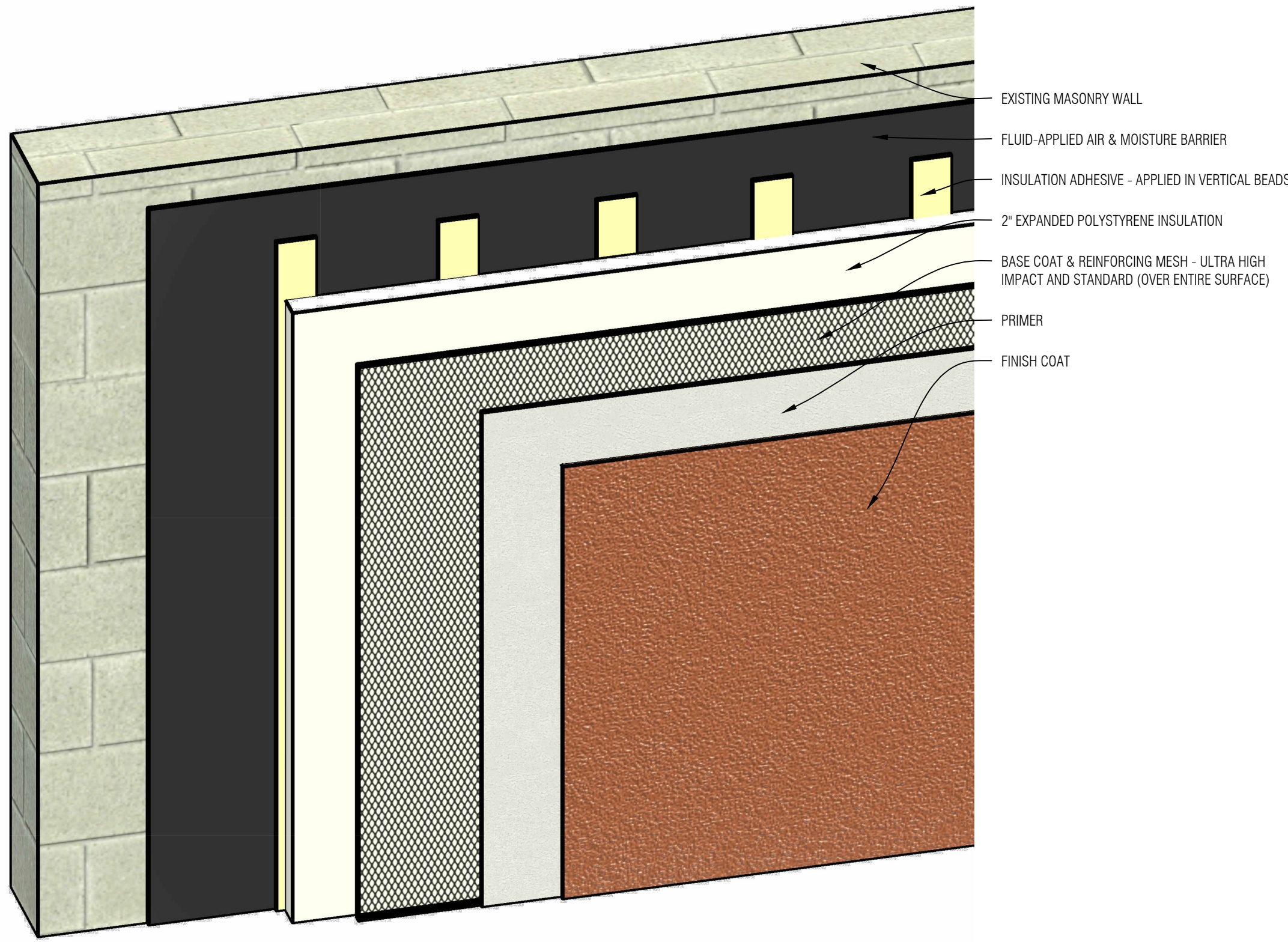
Project:
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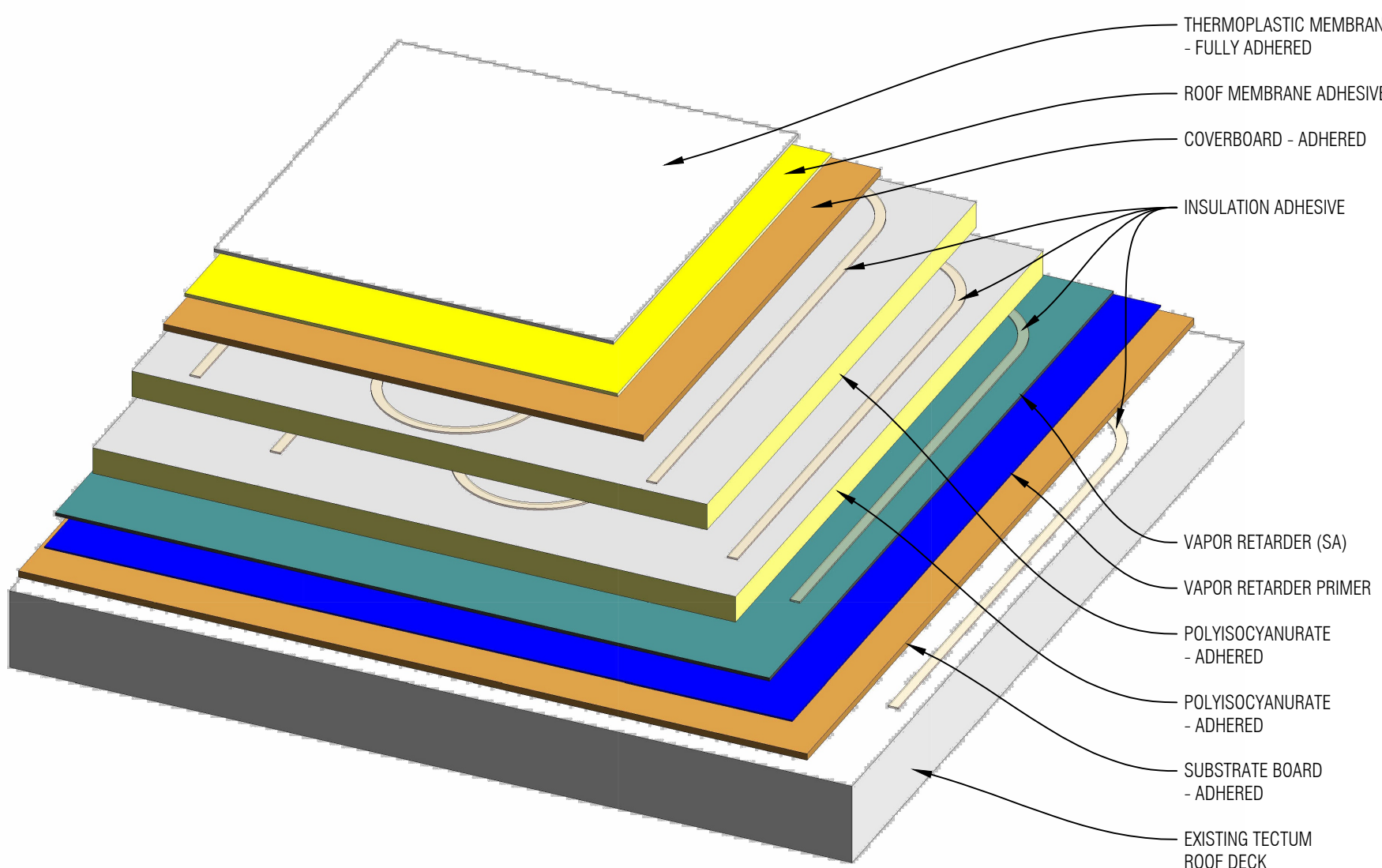
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4
A4.6
DETAIL NOT USED
SCALE: NONE

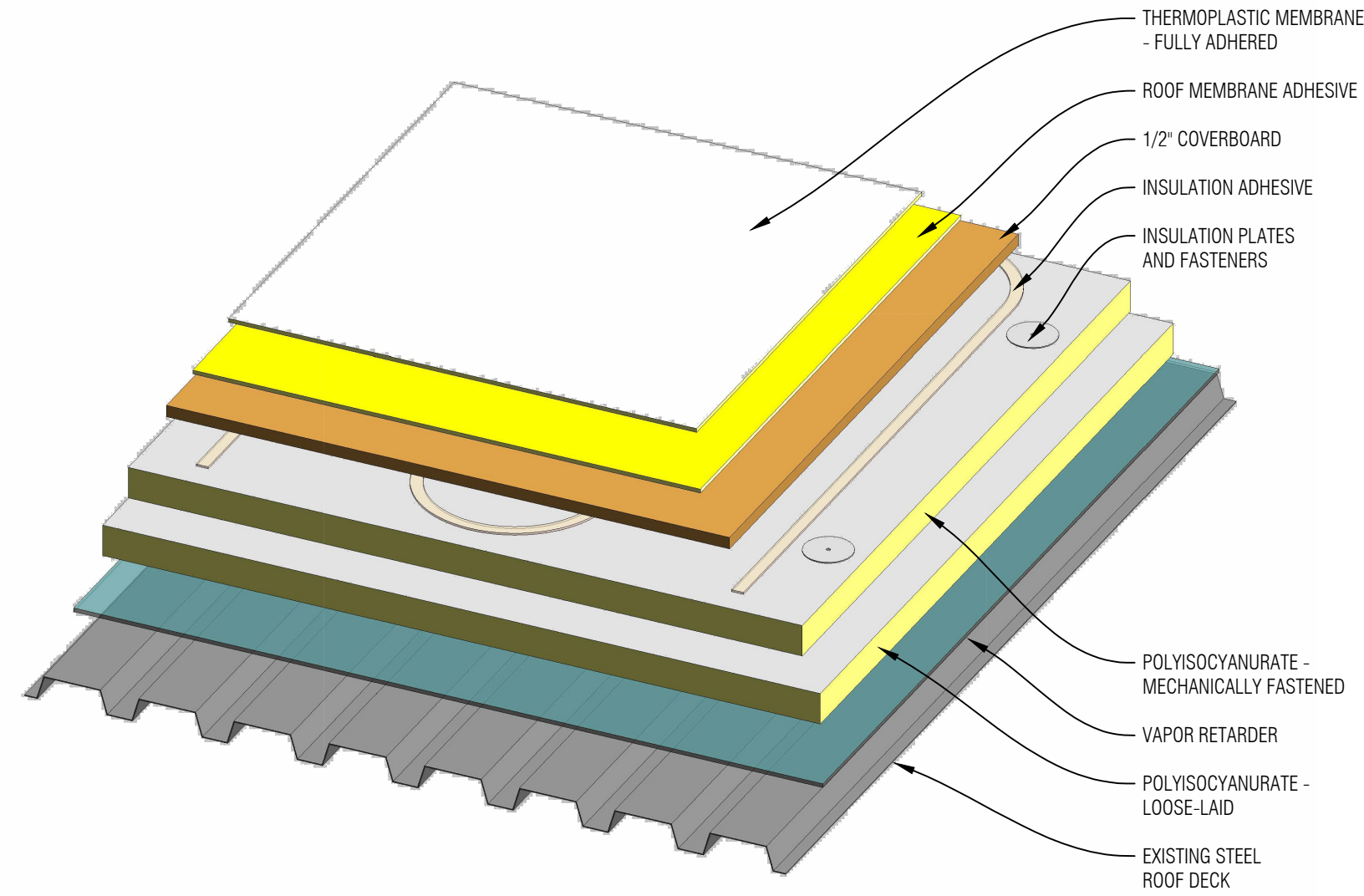
5
A4.6
EIFS WALL ASSEMBLY DETAIL
SCALE: NONE



3
A4.6
ROOF ASSEMBLY #3 DETAIL
SCALE: NONE



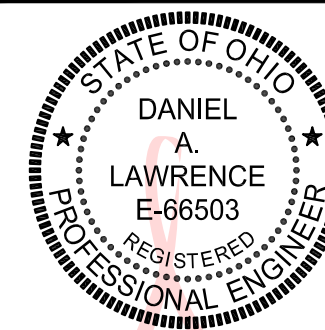
2
A4.6
ROOF ASSEMBLY #2 DETAIL
SCALE: NONE



1
A4.6
ROOF ASSEMBLY #1 DETAIL
SCALE: NONE

GENERAL NOTES

No.	Revision/Issue	Date
2	Construction Documents	07.27.26
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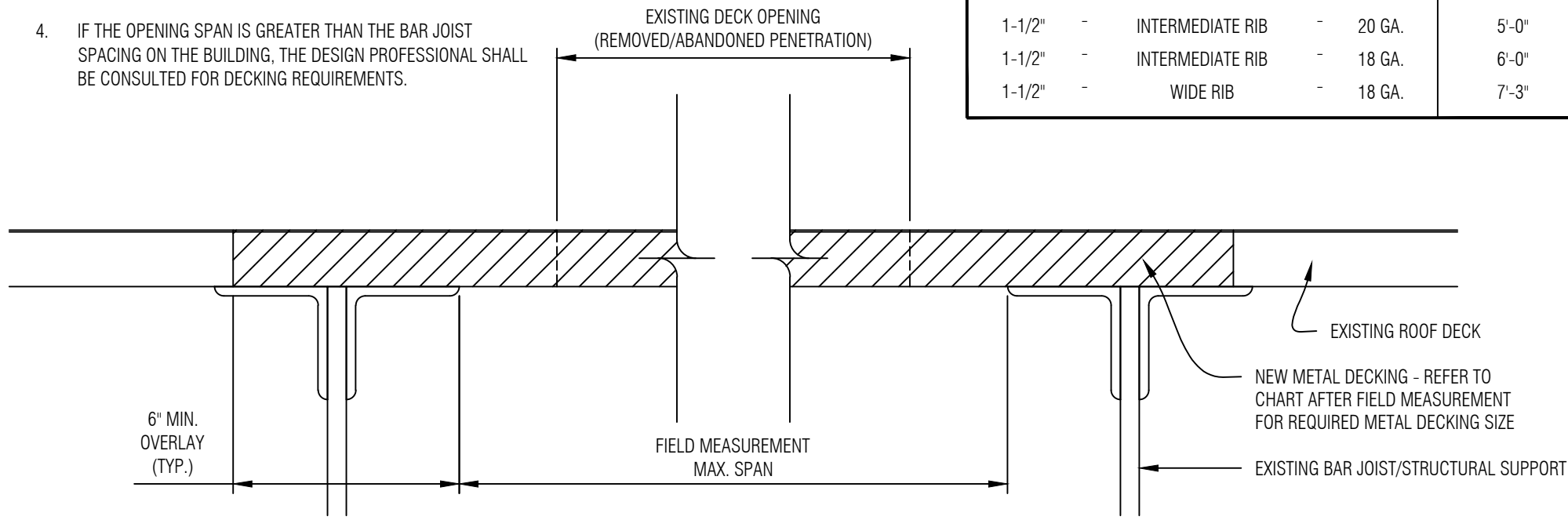
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DETAILS

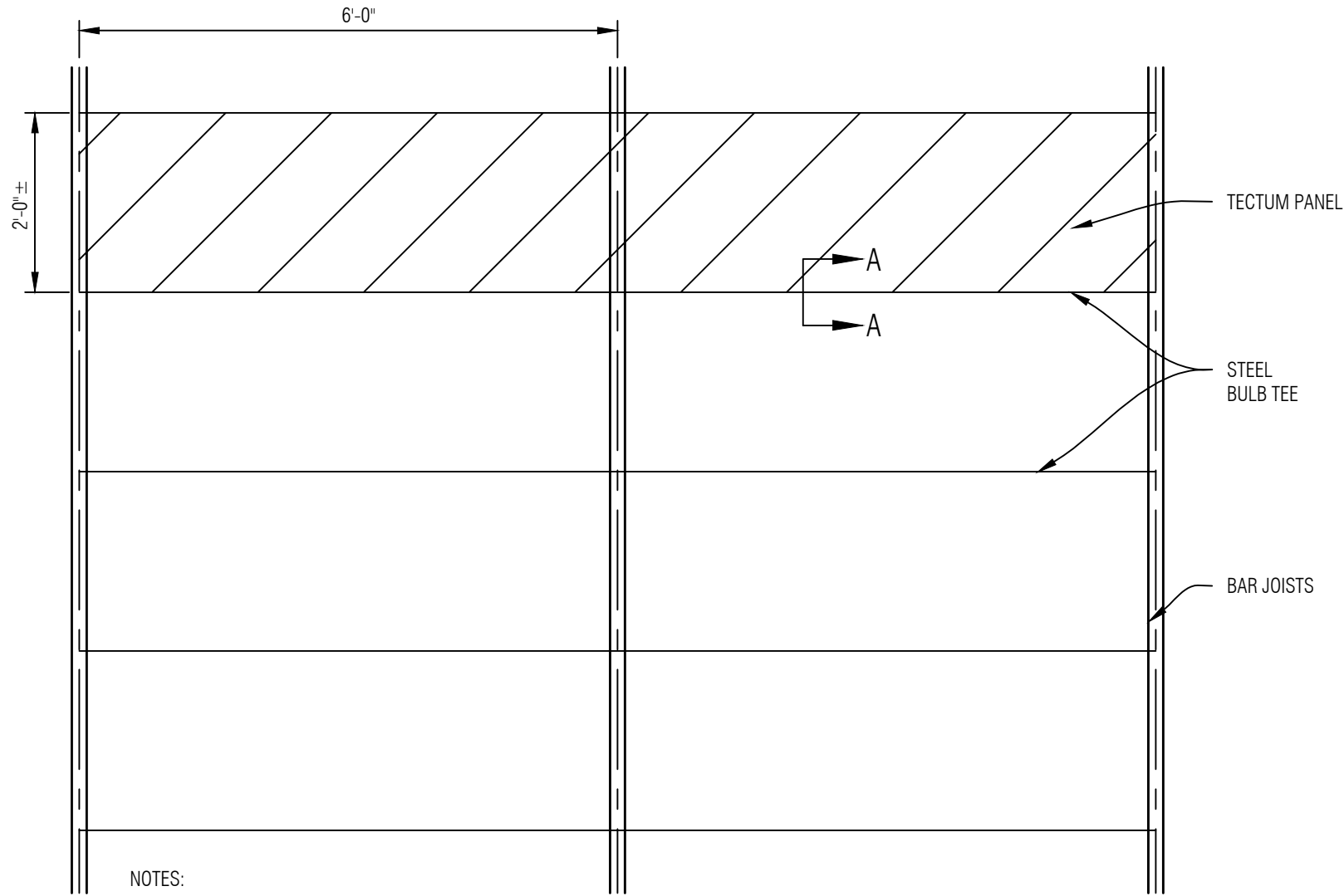
NOTES:

1. REMOVE EXISTING ROOF AS REQUIRED TO INSTALL NEW DECKING.
2. FASTEN OUTSIDE PERIMETER OF METAL DECK A MINIMUM OF 6" O.C.
3. THE NEW DECKING SHALL BE NESTED INTO THE EXISTING DECKING.
4. IF THE OPENING SPAN IS GREATER THAN THE BAR JOIST SPACING ON THE BUILDING, THE DESIGN PROFESSIONAL SHALL BE CONSULTED FOR DECKING REQUIREMENTS.

METAL DECK					MAX. SPAN
PLATE	-	G-90 GALVANIZED PLATE	-	18 GA.	0' to 12'
1-1/2"	-	INTERMEDIATE RIB	-	20 GA.	5'-0"
1-1/2"	-	INTERMEDIATE RIB	-	18 GA.	6'-0"
1-1/2"	-	WIDE RIB	-	18 GA.	7'-3"

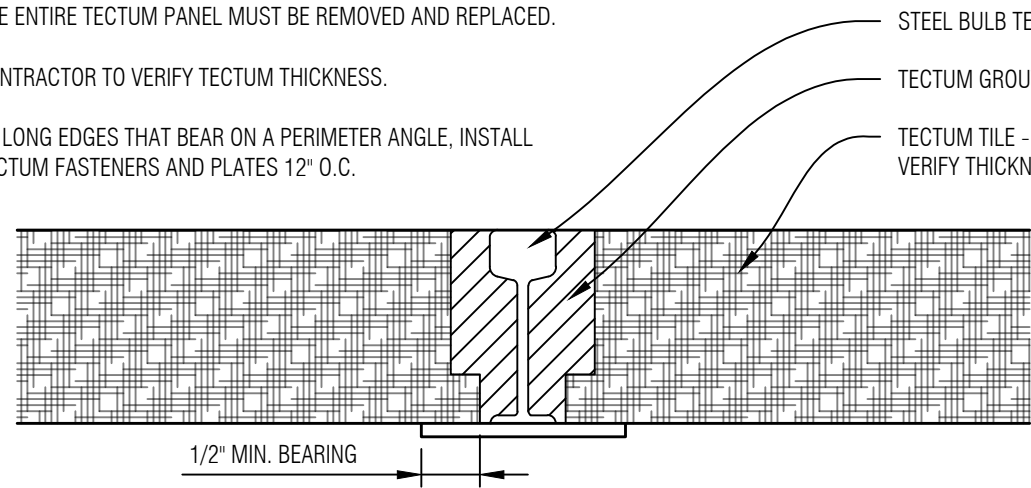


4 STEEL DECK REPAIR DETAIL
A4.7 SCALE: NONE

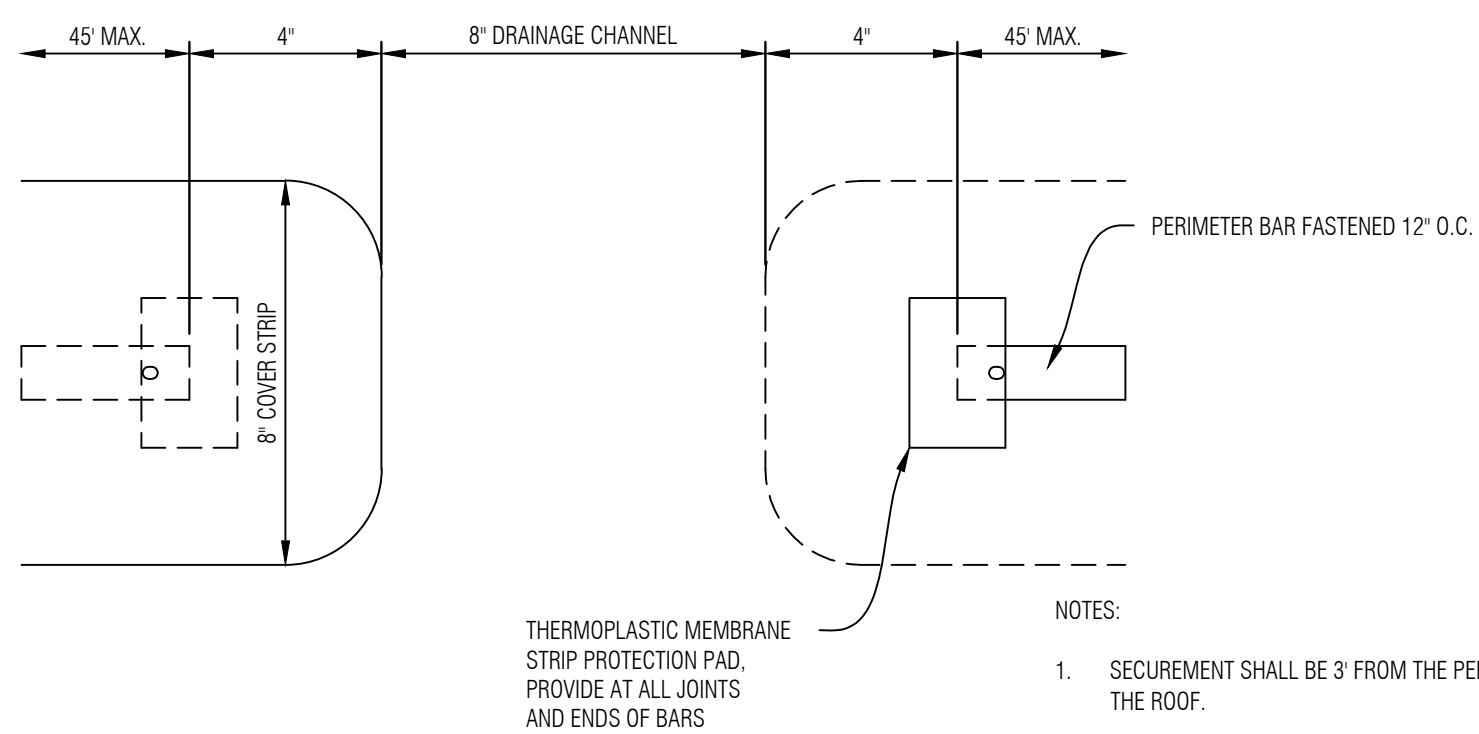


NOTES:

1. THE ENTIRE TECTUM PANEL MUST BE REMOVED AND REPLACED.
2. CONTRACTOR TO VERIFY TECTUM THICKNESS.
3. AT LONG EDGES THAT BEAR ON A PERIMETER ANGLE, INSTALL TECTUM FASTENERS AND PLATES 12" O.C.

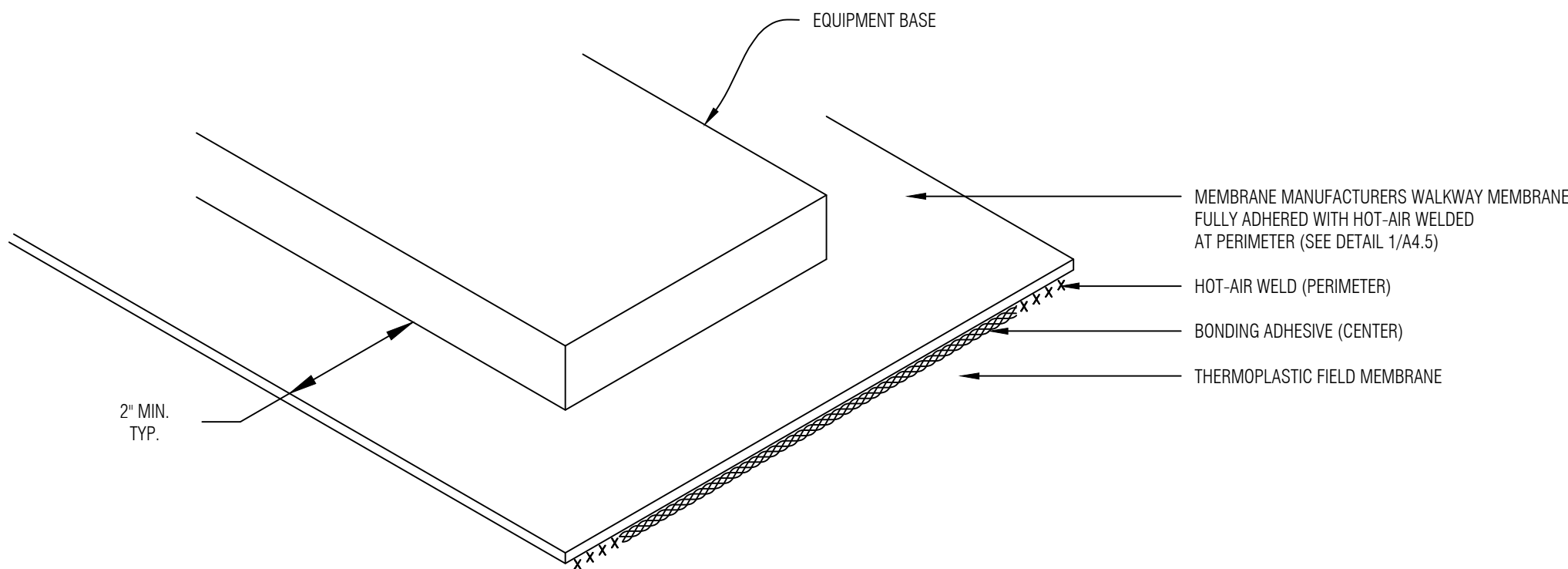


5 TECTUM DECK REPLACEMENT DETAIL
A4.7 SCALE: NONE



DRAINAGE CHANNEL

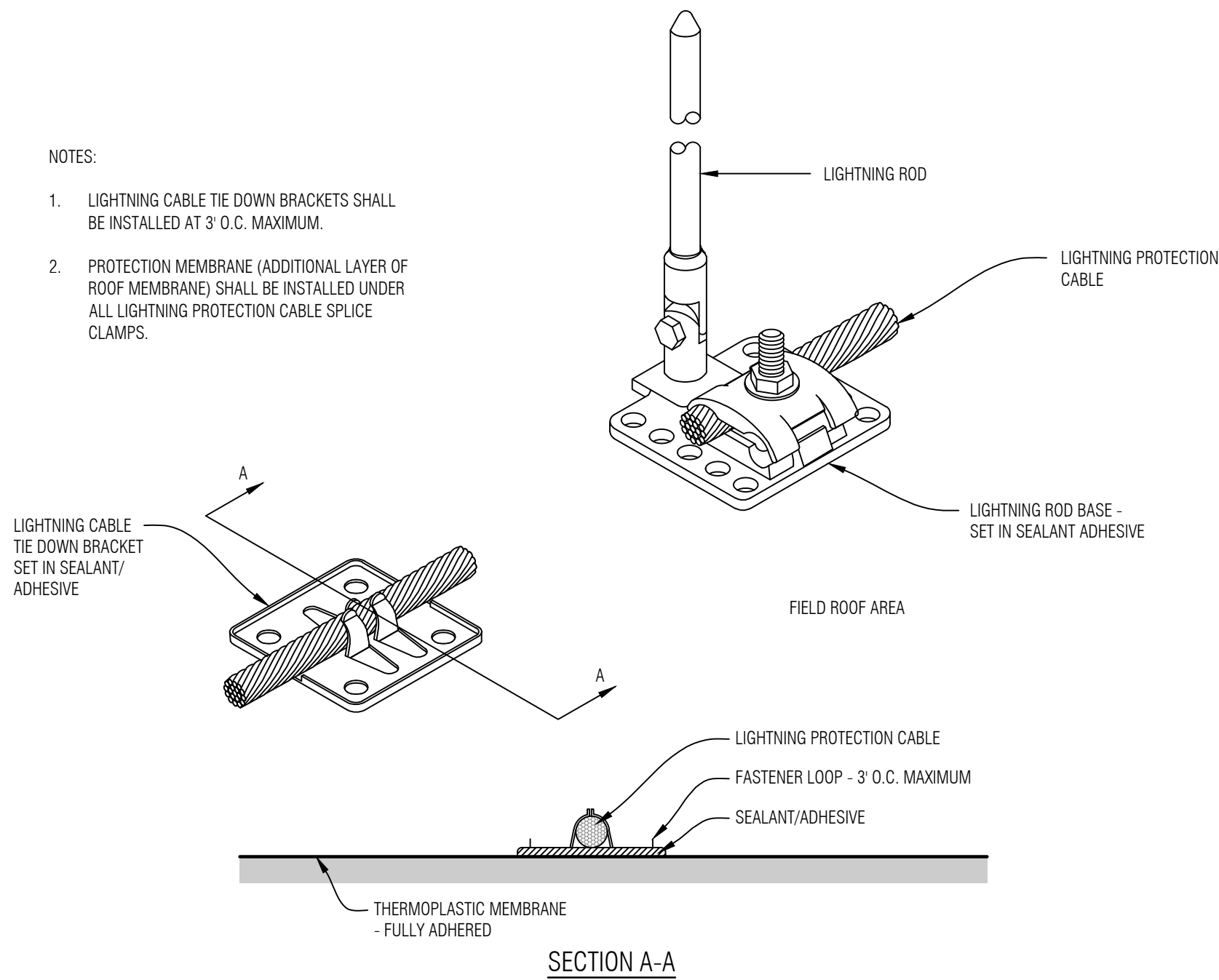
- NOTES:
1. SECUREMENT SHALL BE 3' FROM THE PERIMETER EDGE OF THE ROOF.
 2. PROVIDE DRAINAGE CHANNELS IN FRONT OF THROUGH-WALL SCUPPERS, VALLEY LINES, AND ROOF DRAINS.
 3. AT TECTUM ROOF DECK AREAS, INSTALL WOOD BLOCKING ONTO THE VAPOR RETARDER. ATTACH THE WOOD BLOCKING PER 12" O.C. AT PERIMETER AREAS AND 6' O.C. AT CORNER AREAS. THE WOOD BLOCKING SHALL ALSO BE SET IN LOW-RISE FOAM INSULATION ADHESIVE.



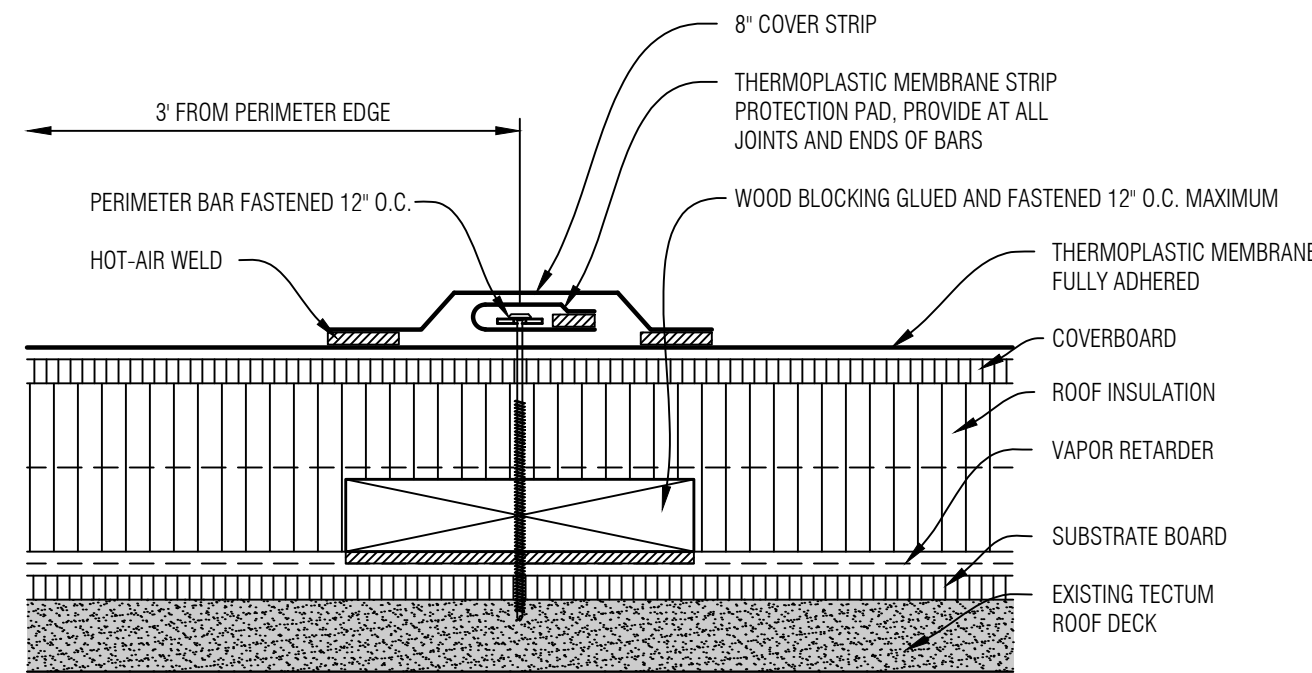
3 LIGHTWEIGHT EQUIPMENT SUPPORT DETAIL
A4.7 SCALE: NONE

NOTES:

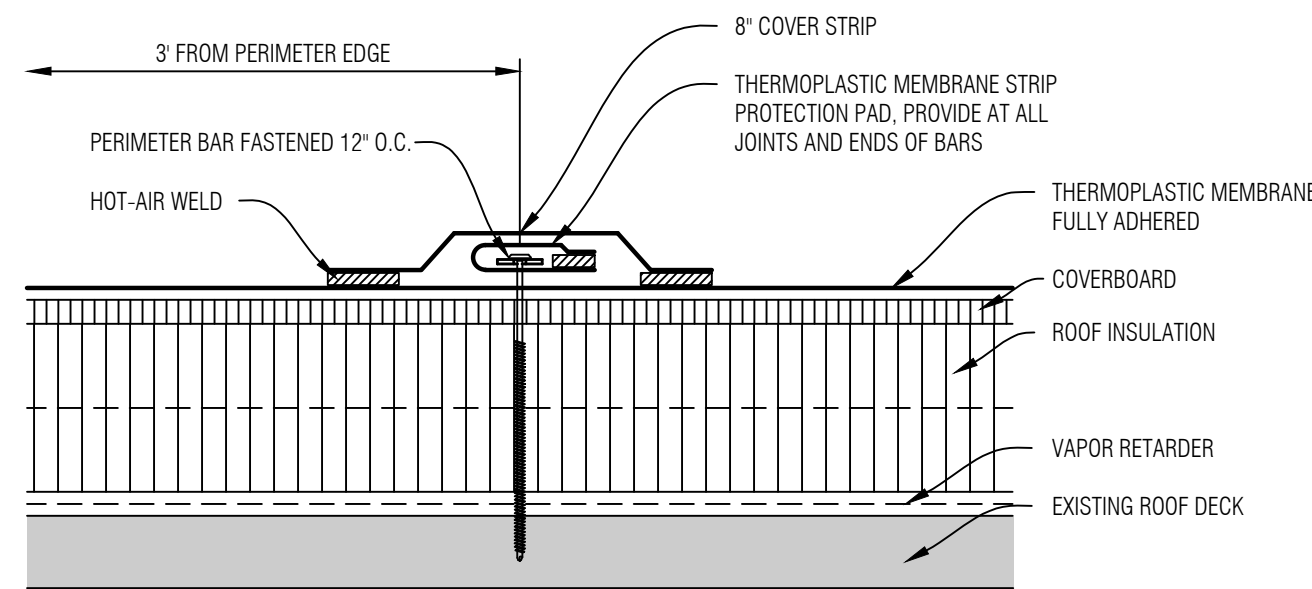
1. LIGHTNING CABLE TIE DOWN BRACKETS SHALL BE INSTALLED AT 3' O.C. MAXIMUM.
2. PROTECTION MEMBRANE (ADDITIONAL LAYER OF ROOF MEMBRANE) SHALL BE INSTALLED UNDER ALL LIGHTNING PROTECTION CABLE SPLICE CLAMPS.



2 LIGHTNING PROTECTION CABLE - ROOF MEMBRANE ATTACHMENT
A4.7 SCALE: NONE



TECTUM DECK AREAS



STEEL DECK AREAS

1 PERIMETER SECUREMENT DETAIL
A4.7 SCALE: NONE

GENERAL NOTES

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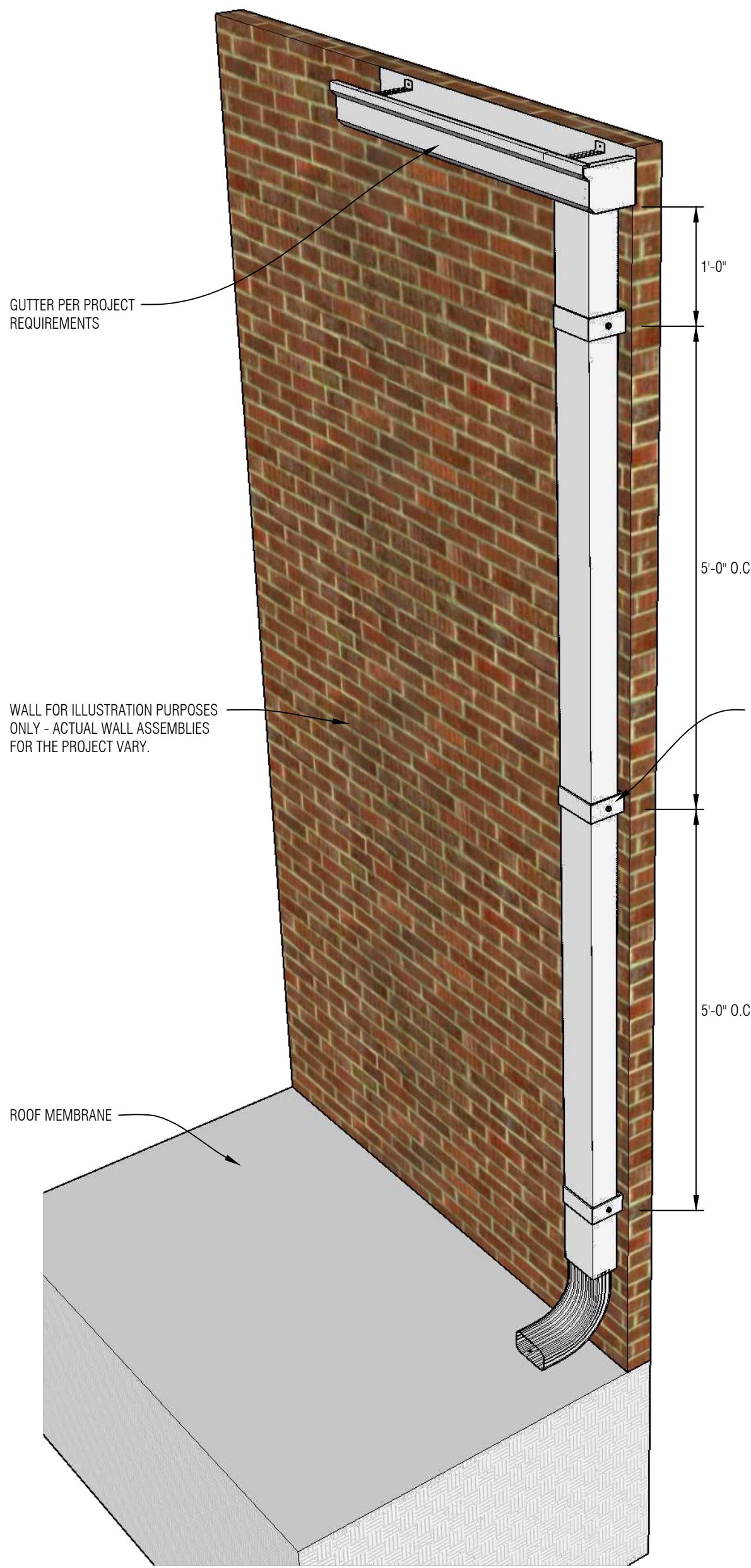
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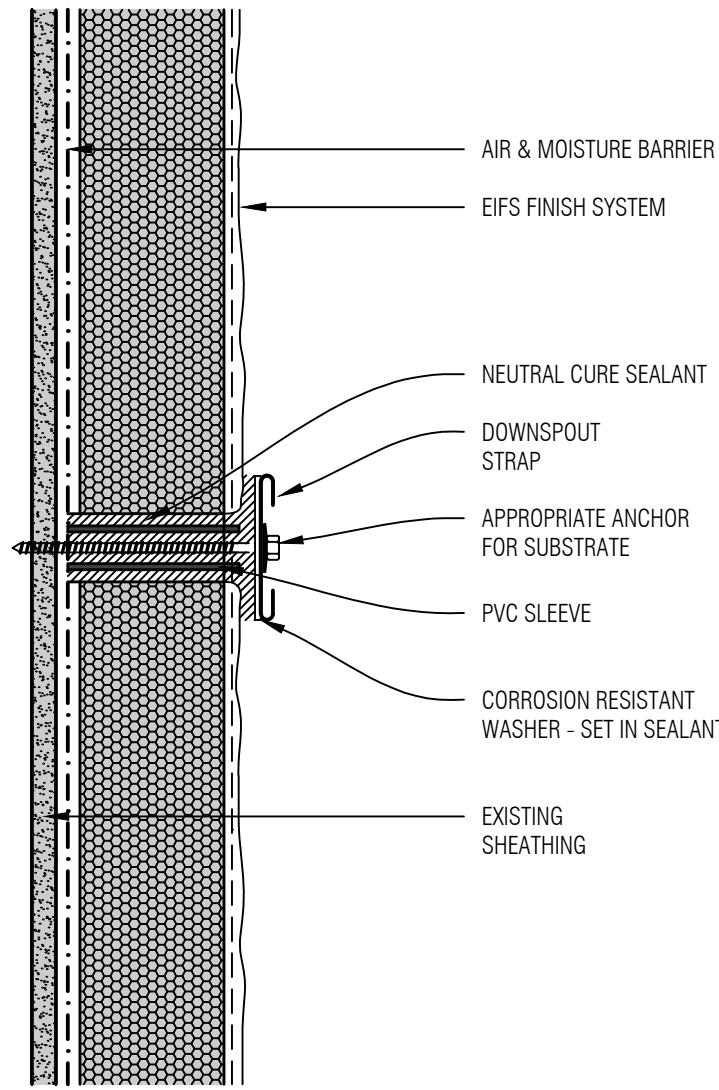
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Sheet Title: DETAILS

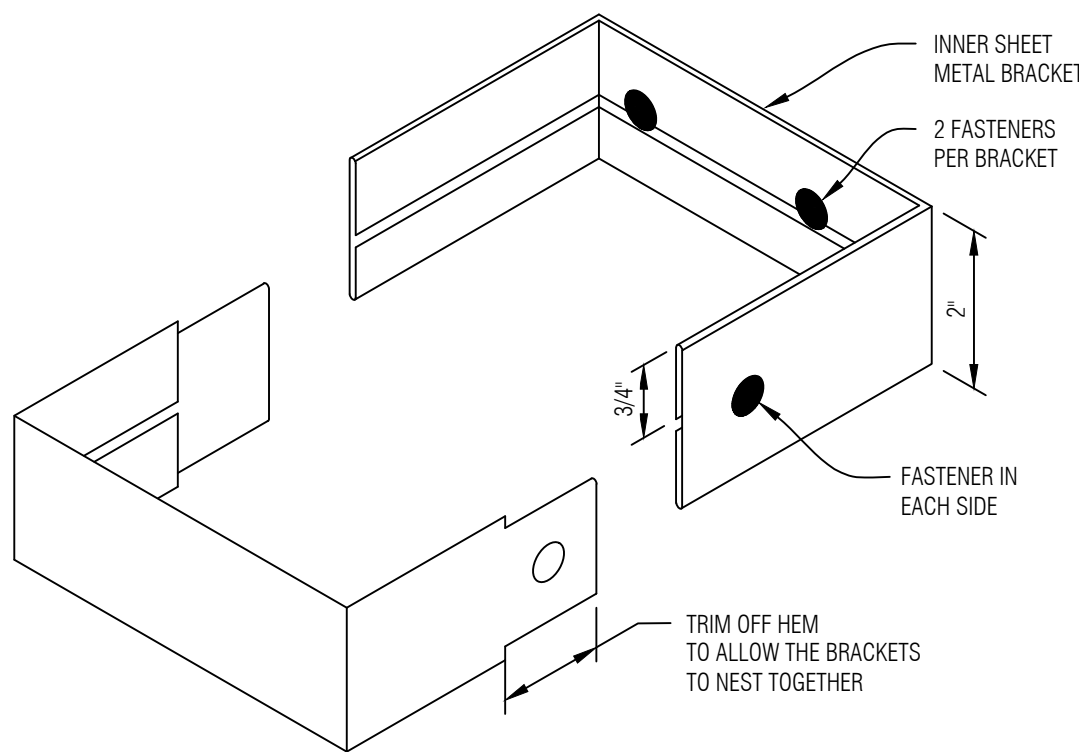


NOTES:

1. THIS IS AN EXAMPLE ONLY. THE ACTUAL FIELD CONDITIONS WILL VARY.
2. AT EXISTING DOWNSPOUT LOCATIONS, REPAIR HOLES FROM THE EXISTING DOWNSPOUT BRACKETS PRIOR TO THE INSTALLATION OF THE NEW DOWNSPOUTS.
3. PROVIDE CONCRETE SPLASH BLOCK AT DOWNSPOUT OUTLET.

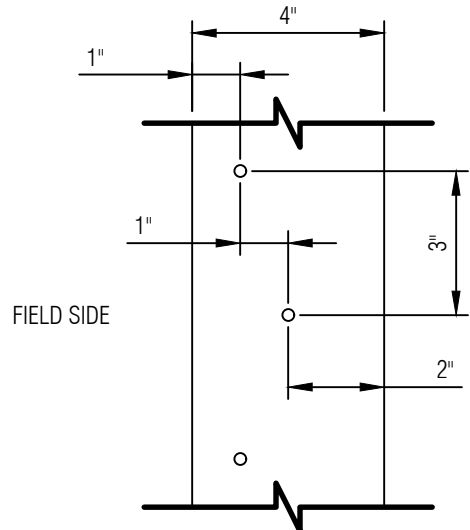


ATTACHMENT TO EIFS



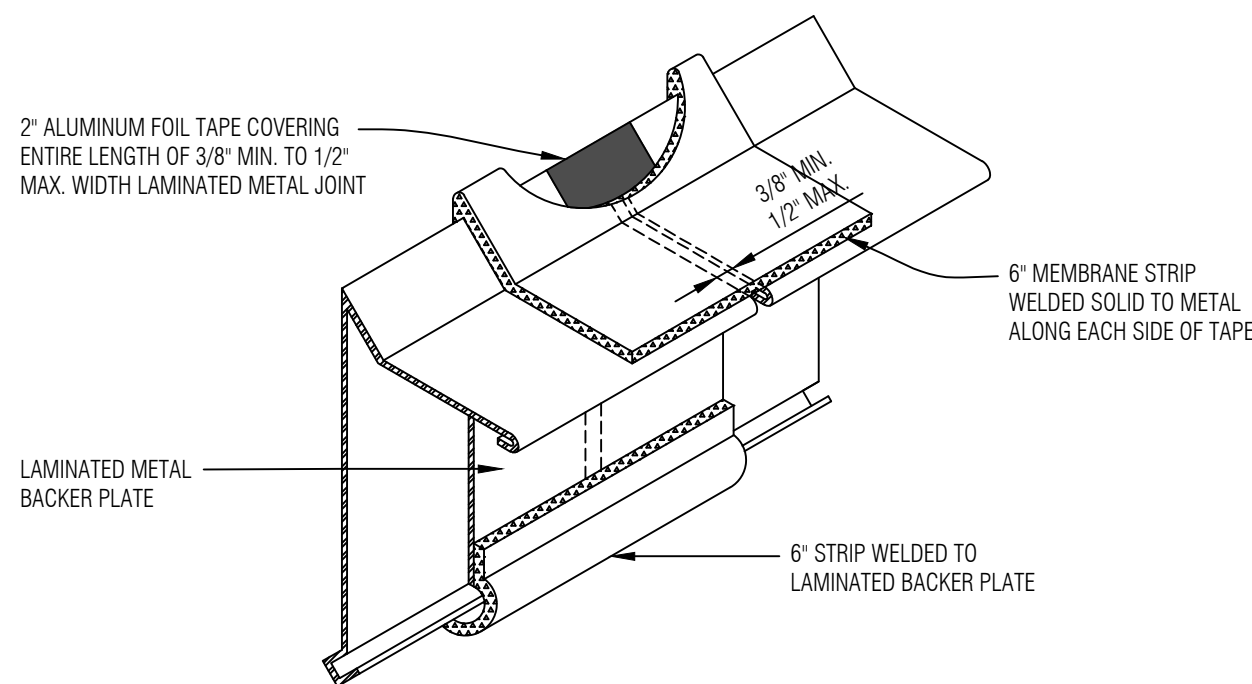
DOWNSPOUT BRACKET

4 DOWNSPOUT ATTACHMENT DETAIL
A4.8 SCALE: NONE



EDGE METAL FASTENING DETAIL

3
A4.8 SCALE: NONE

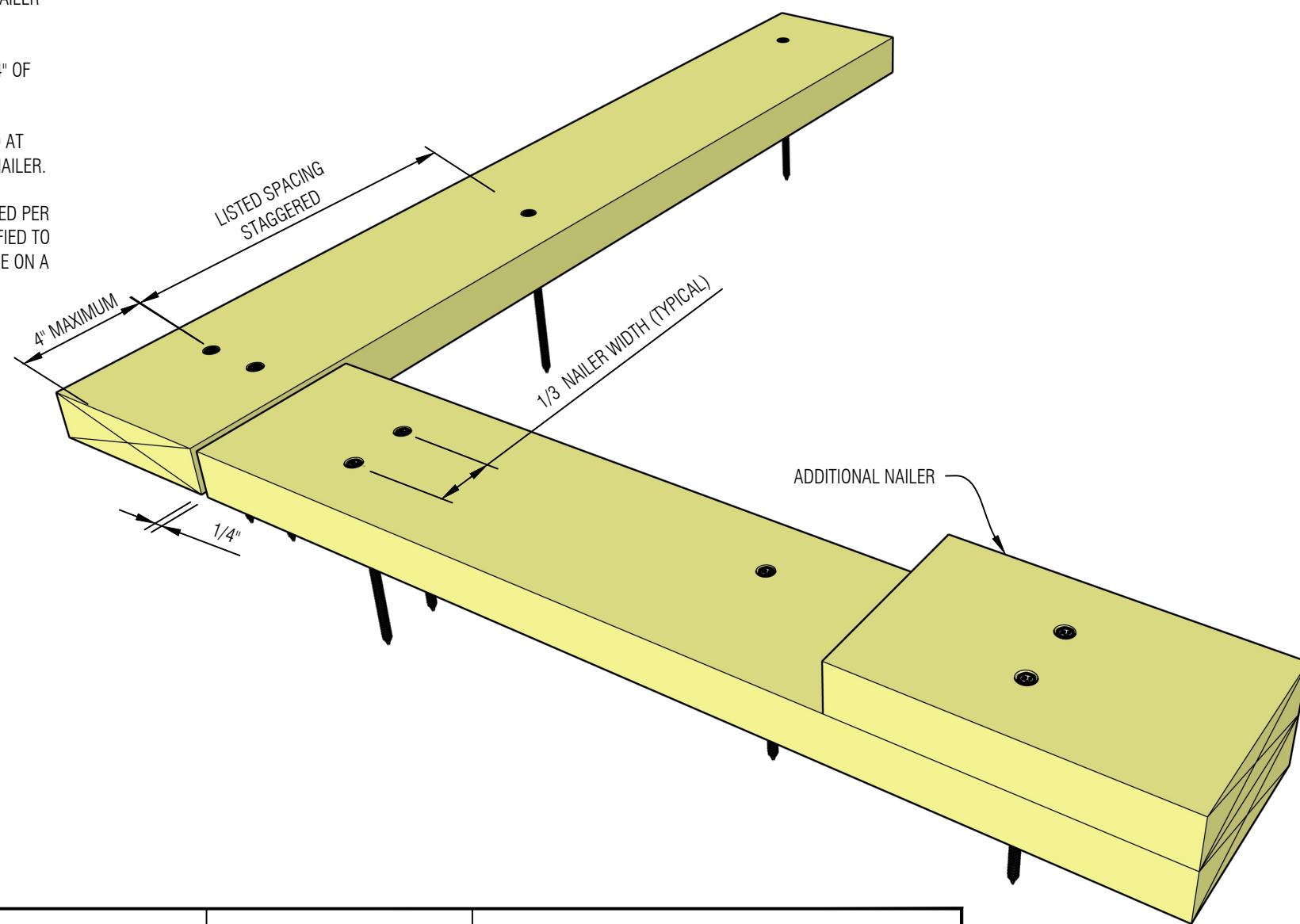


LAMINATED EDGE METAL BUTT JOINT DETAIL

2
A4.8 SCALE: NONE

NOTES:

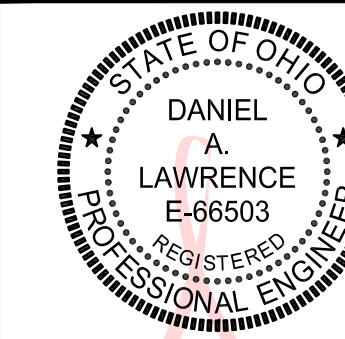
1. ALL PERIMETER NAILERS SHALL BE A MINIMUM OF 2" x 6".
2. FASTENERS IN 6" OR WIDER (NOMINAL) LUMBER SHALL BE INSTALLED IN TWO (2) ROWS, STAGGERED 1/3 OF NAILER WIDTH.
3. TWO (2) FASTENERS SHALL BE INSTALLED WITHIN 4" OF EACH NAILER END.
4. A MAXIMUM OF TWO (2) LAYERS CAN BE FASTENED AT ONE TIME AFTER THE INSTALLATION OF THE FIRST NAILER.
5. 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

1 NAILER ATTACHMENT DETAIL
A4.8 SCALE: NONE

GENERAL NOTES



Digitally signed
by Daniel
Lawrence
Date: 2026.07.27
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Mays Consulting & Evaluation Services, Inc.
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Project:
2027 ROOF REPLACEMENT
AT GRIZZELL
MIDDLE SCHOOL
DUBLIN CITY
SCHOOL DISTRICT
GRIZZELL MIDDLE
SCHOOL
810 AVERY ROAD
DUBLIN, OHIO 43017

Approved By: DAL
Date: 06.30.2026
Job No.: DOH43-010-03
Scale: AS NOTED
Drawn By: EMD

Sheet No.: A4.8

DETAILS