

PROJECT INFORMATION	
Great Lakes Management	
PROJECT TITLE:	RIVER CITY CENTRE
ADDRESS:	205 1ST AVENUE EAST, SHAKOPEE, MN 55379
PROJECT TYPE:	ROOF REPLACEMENT
OWNER:	GREAT LAKES MANAGEMENT
CONTACT:	LORIEN MUELLER
ADDRESS:	12755 STATE HIGHWAY 55, SUITE J-125, PLYMOUTH, MN 55441

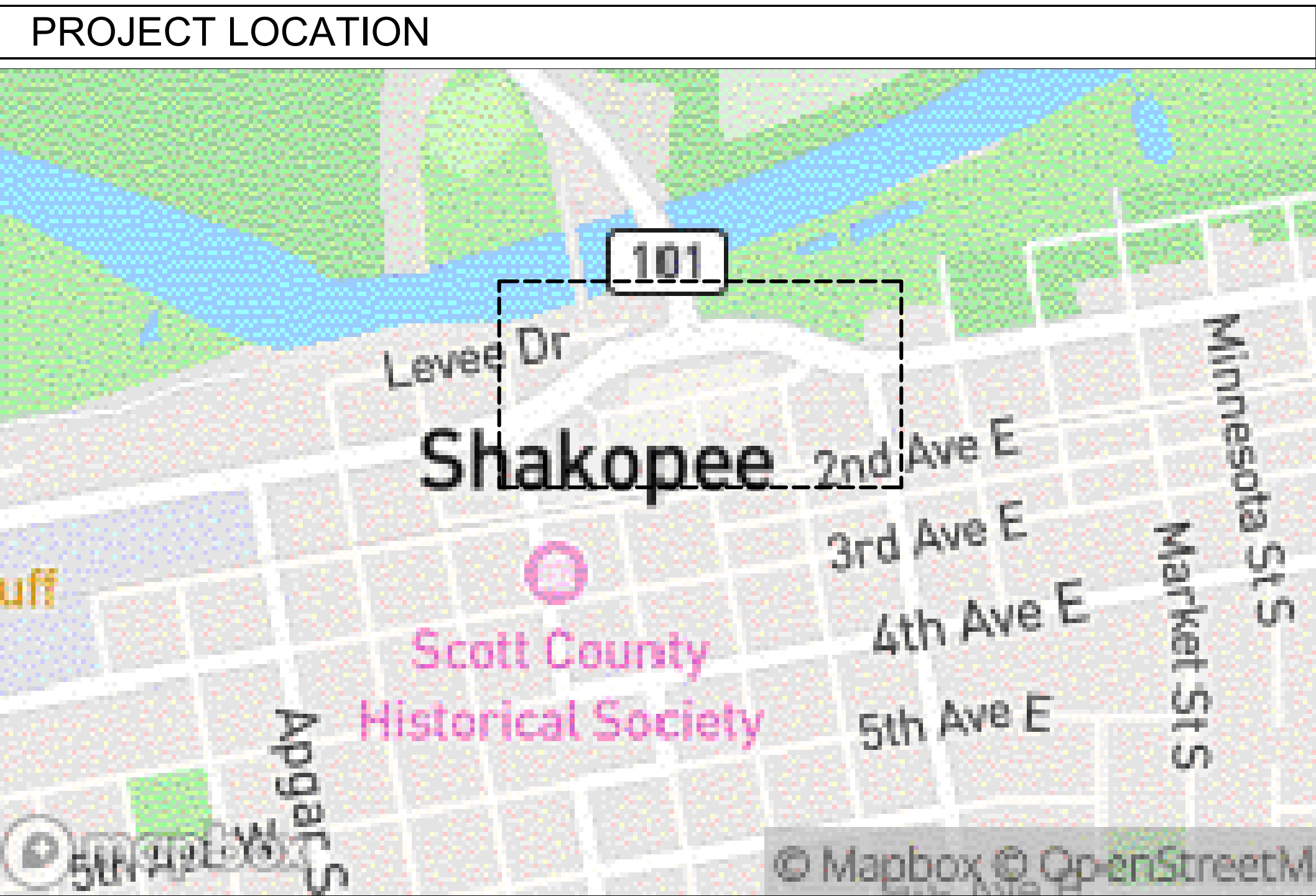
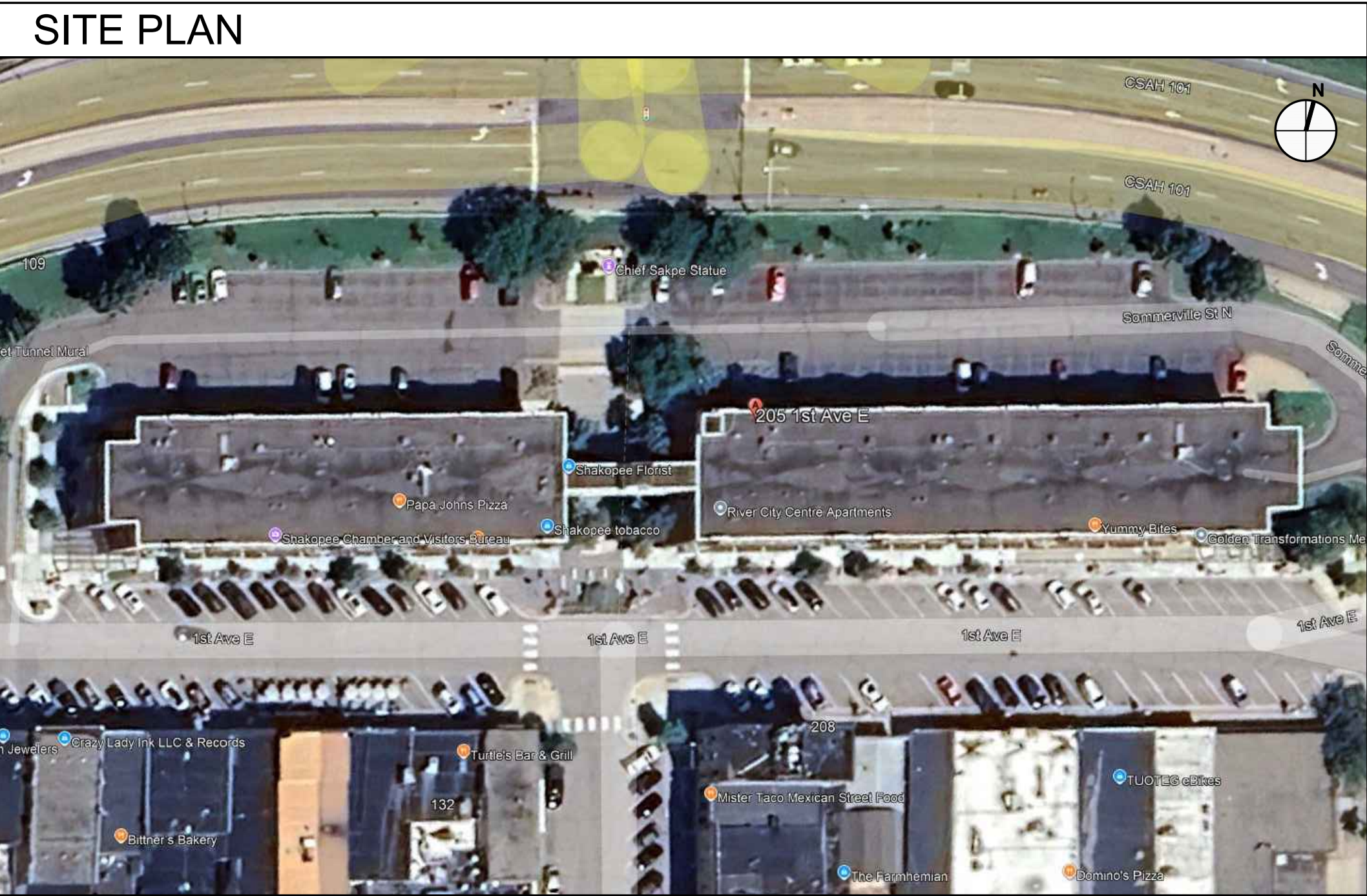
GENERAL NOTES	
ID	DESCRIPTION
1	CONTRACTOR TO VERIFY MEASUREMENTS AND JOB CONDITIONS PRIOR TO BIDDING. EXISTING CONDITIONS AS OBSERVED IN ISOLATED LOCATIONS, MAY NOT BE REPRESENTATIVE OF THE ENTIRE PROJECT.
2	CONTRACTOR SHALL REVIEW PROJECT FOR ANY ITEMS NOT SHOWN ON THE PLANS. REVIEW PROJECT SPECIFICATIONS FOR ADDITIONAL DETAILS NOT IDENTIFIED BY THE PROJECT DRAWINGS.
3	COORDINATE WORK OF ALL TRADES TO ENSURE THE BUILDING IS WATERTIGHT AT END OF EACH DAY'S WORK. SEQUENCE WORK IN SUCH A MANNER THAT DAMAGE AND/OR WEAR OF NEW OR EXISTING BUILDING COMPONENTS WILL NOT OCCUR.
4	PROTECT NEW AND EXISTING CONSTRUCTION. RESTORE EXTERIOR AND INTERIOR FINISHES (INCLUDING LANDSCAPING) DAMAGED DURING THE WORK.
5	BUILDING WILL BE OCCUPIED DURING CONSTRUCTION. COORDINATE CLOSELY WITH OWNER TO MINIMIZE DISRUPTIONS TO NORMAL BUSINESS ACTIVITIES.
6	SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR.
7	CONTRACTOR SHALL SUBMIT A SITE SAFETY PLAN FOR THE OWNER'S REVIEW. THE PLAN(S) SHALL BE COMPLETE, REFLECTING THE ENTIRE SITE AND SHALL SHOW ANY PHASED PROTECTION. THE SITE SAFETY PLAN(S) SHALL INCLUDE, BUT SHALL NOT BE LIMITED TO, NOTES, SIDEWALK BRIDGE, FENCES, EGRESS, SCAFFOLDING, FIRE PROTECTION, ETC.
8	CONTRACTOR IS RESPONSIBLE FOR ALL MECHANICAL AND ELECTRICAL DISCONNECTS, MODIFICATIONS AND RECONNECTS. APPROXIMATE LOCATIONS OF MECHANICAL AND ELECTRICAL LINES ABOVE THE ROOF ARE INDICATED ON THE PLANS. THE CONTRACTOR SHALL FIELD VERIFY THE ACTUAL QUANTITY AND TYPE OF ALL MECHANICAL AND ELECTRICAL LINES THAT REQUIRE DISCONNECTION, MODIFICATION AND RECONNECTIONS PRIOR TO BIDDING.
9	PROVIDE SOIL PIPE EXTENSION TO ACHIEVE 12" VERTICAL HEIGHT ABOVE ROOF MEMBRANE.
10	TAPERED INSULATION TO BE INSTALLED TO THE UP-SLOPE SIDE OF CURBS.
11	CONTRACTOR IS TO RESECURE ALL EXISTING WOOD BLOCKING AS NECESSARY.

SHEET INDEX			
ID	DESCRIPTION	ID	DESCRIPTION
A001	TITLE SHEET	A202	ROOF DETAILS
A101	ROOF PLAN	A203	ROOF DETAILS
A201	ROOF DETAILS		

CODE REVIEW	
THIS PROJECT WILL COMPLY WITH THE FOLLOWING CODES:	
MN BUILDING CODE (IBC 2018) MN RULES CHAP 1346 MN FIRE CODE (IFC 2018) MN ENERGY CODE (ASHRAE 90.1 2019) MN ACCESSIBILITY CODE MN MECHANICAL CODE MN PLUMBING CODE	2020 CURRENT 2020 2024 2020 2020 2020
OCCUPANCY CONSTRUCTION TYPE AUTOMATIC SPRINKLER SYSTEM STORIES	LEVEL1 - M LEVELS 2 & 3 R-2 TYPE 3 YES 3
IBC 1502.2 SECONDARY DRAINAGE REQUIRED: PROVIDED IBC 1503 WATER PROTECTION COVERING FLASHING AND COPING: PROVIDED IBC 1504.3 WIND RESISTANCE OF NON-BALLAST ROOFS COMPLY WITH FM 4474, UL 580, OR UL 1897 IBC 1504.5 EDGE SECUREMENT FOR LOW-SLOPE ROOF COMPLY WITH TEST METHOD: RE-1, RE-2, RE-3, AND ANSI/SPRI ES-1 IBC 1505 FIRE CLASSIFICATION: CLASS - B IBC 3302 CONSTRUCTION SAFEGUARDS: REQUIRED EXITS WILL BE MAINTAINED AND CONSTRUCTION BARRIERS THAT WILL RESIST THE SPREAD OF FIRE AND SMOKE WILL BE CONSTRUCTED WHERE WELDING, OPEN FLAME, OR FLAMMABLE LIQUID-FUELED EQUIPMENT WILL BE USED IBC 3309 FIRE EXTINGUISHERS: PORTABLE FIRE EXTINGUISHERS WILL BE PROVIDED ON-SITE AT ALL THE REQUIRED AREAS DURING CONSTRUCTION IBC 3310.2 MAINTENANCE OF MEANS OF EGRESS: MEANS OF EGRESS WILL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION	

LEGEND			
ID	DESCRIPTION		
	ROOF DRAIN W/ SUMP		EXISTING CONSTRUCTION TO REMAIN
	SCUPPER		WORK AREA
	PIPE PENETRATION		EARTH (UNDISTURBED)
	ROOF ANCHOR/DAVIT		GRAVEL
	PITCH POCKET		MORTAR/GYPSUM
	HOT STACK		CONCRETE
	CURB/PRV (VERIFY TYPE IN FIELD)		BRICK
	SQUARE TO ROUND CURB		CMU
	ROOF HATCH		PRECAST CONCRETE
	SKYLIGHT		STONE
	SLEEPERS		STEEL
	SLEEPERS W/ UNIT		3/4" PLYWOOD
	CURB TO BE REMOVED		WOOD BLOCKING (CONTINUOUS)
	PENETRATION/DRAIN TO BE REMOVED		WOOD BLOCKING (FINISH)
	DOOR		FIBERGLASS BATT INSULATION
	STANDARD LADDER		PERLITE
	LADDER WITH LANDING		HIGH DENSITY WOOD FIBER INSULATION
	SATELLITE ANTENNA		HIGH DENSITY POLYISOCYANURATE INSULATION
	WALK PAD		ISOCYANURATE INSULATION
	NON-PENETRATING SAFETY RAILING		EXTRUDED POLYSTYRENE INSULATION
	WALL-MOUNTED SAFETY RAILING		EXPANDED POLYSTYRENE INSULATION

ABBREVIATIONS			
ID	DESCRIPTION	ID	DESCRIPTION
BUR	BUILT-UP ROOFING	N.I.C.	NOT IN CONTRACT
CL	CENTER LINE	O.C.	ON CENTER
CMU	CONCRETE MASONRY UNIT	RH	ROOF HATCH
CJ	CONTROL JOINT	SIM	SIMILAR
DIA	DIAMETER	SL	SKYLIGHT
EJ	EXPANSION JOINT	SS	STAINLESS STEEL
EPDM	ETHYLENE PROPYLENE DIENE MONOMER	TYP	TYPICAL
MAX	MAXIMUM	V.I.F.	VERIFY IN FIELD
MIN	MINIMUM	WRB	WEATHER RESISTIVE BARRIER



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Project Identification
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ROOF REPLACEMENT**
205 1ST AVENUE EAST
SHAKOPEE, MN 55379

PROFESSIONAL ENGINEER
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SIGNATURE:
William F. Waugh, P. E.

DATE: 12/09/2025 LICENSE # 40940
MN Reg. No.

RSI Project #: 25-14454-02

Project Manager: SG

Drawn By: DWT

Sheet Title
Title Sheet
A001



2400 Prior Ave. N.
St. Paul, Minnesota 55113
(651) 639-0644
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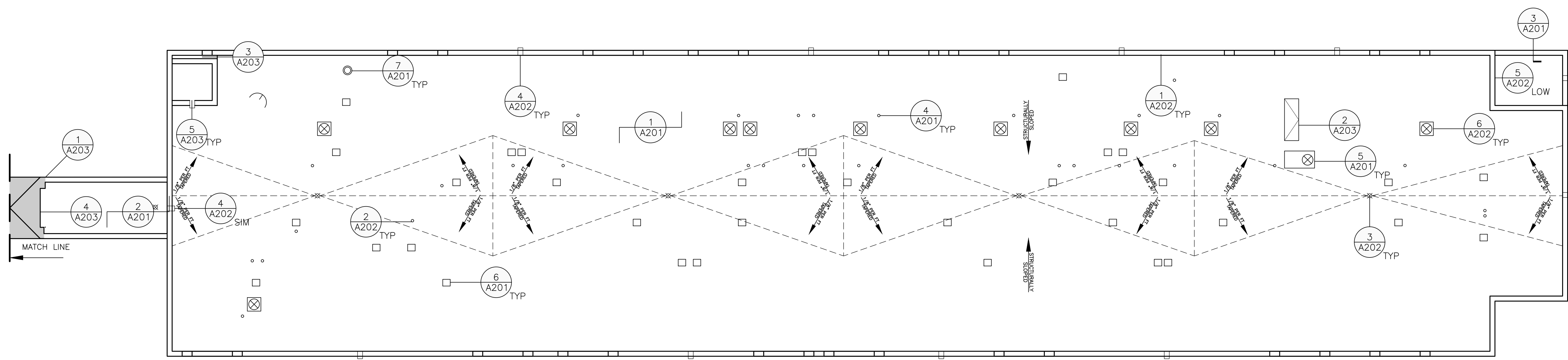
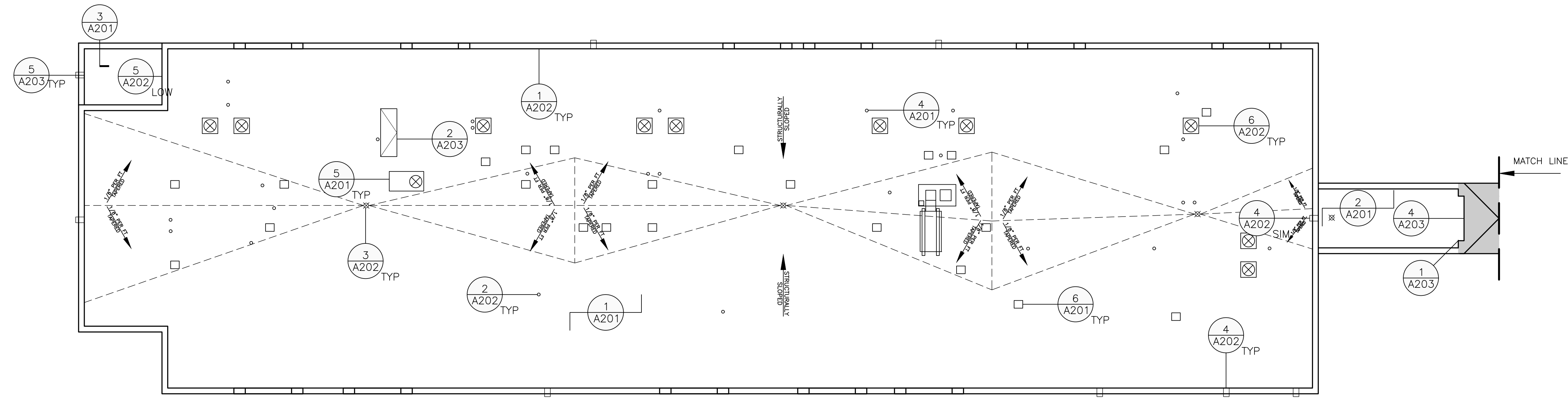
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Drawn By: DWT

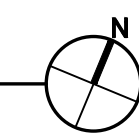
Sheet Title

Roof Plan

A101



1
A101
0 4' 8' 16'
SCALE: 3/32"=1'-0"





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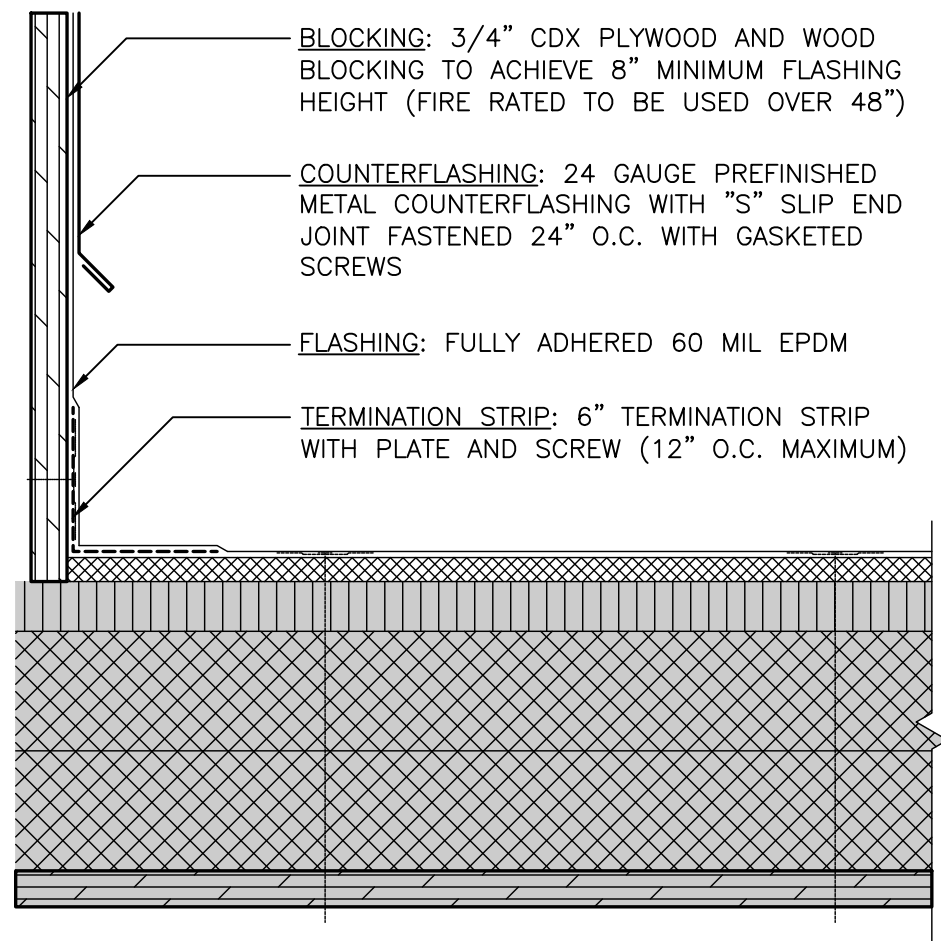
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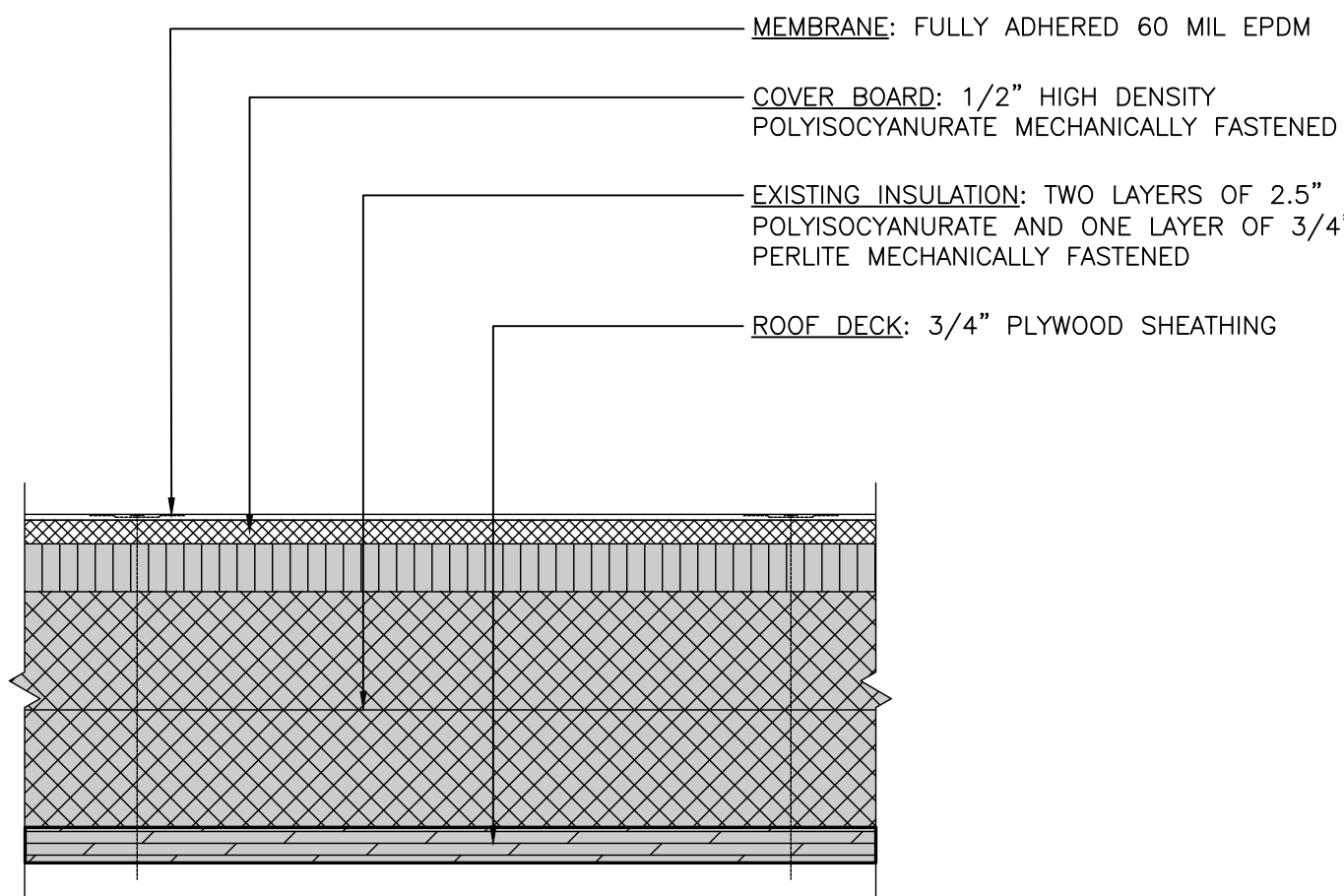
Drawn By: DWT

Sheet Title
Roof Details
A201

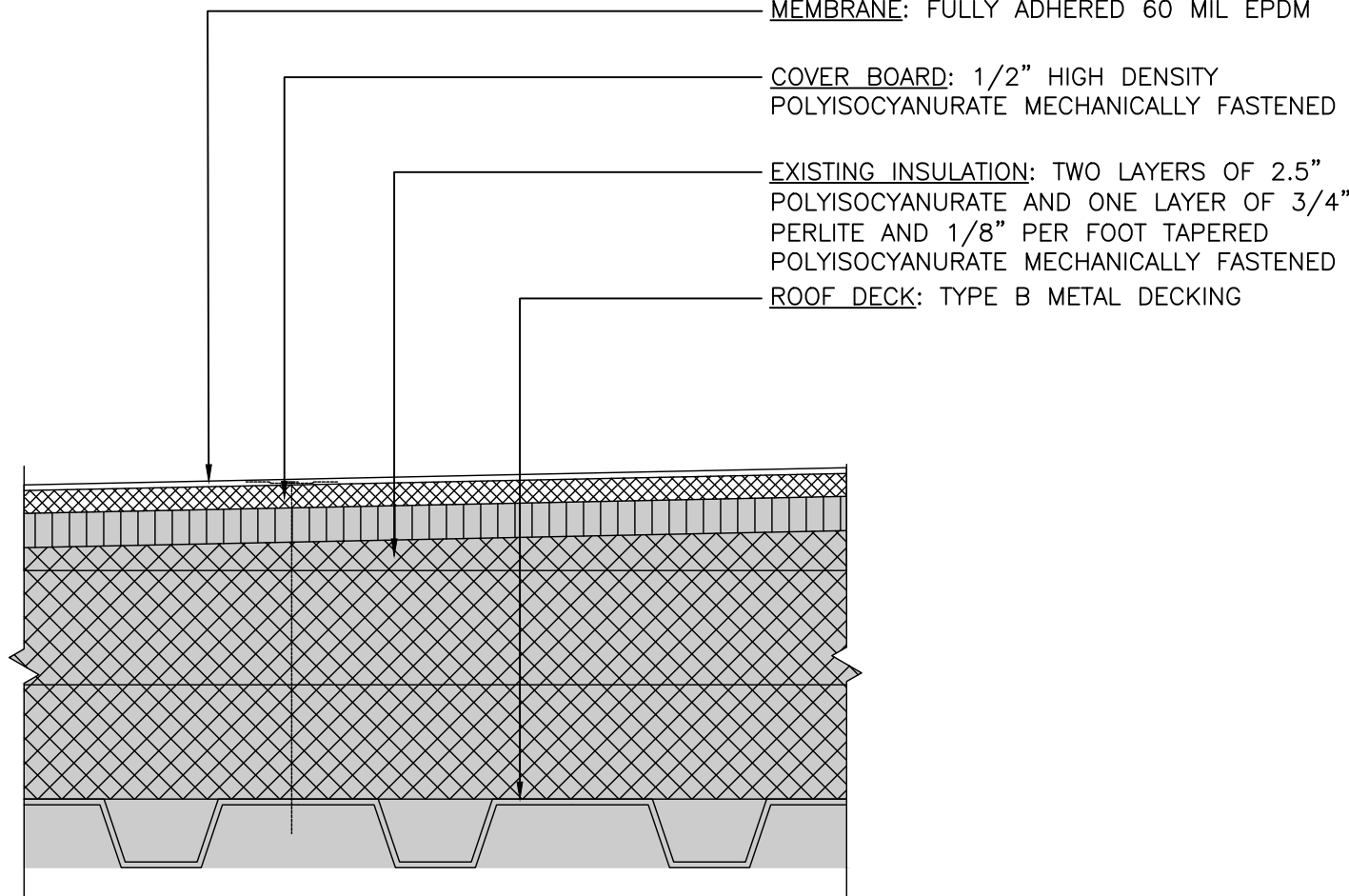


FLASHING DETAIL

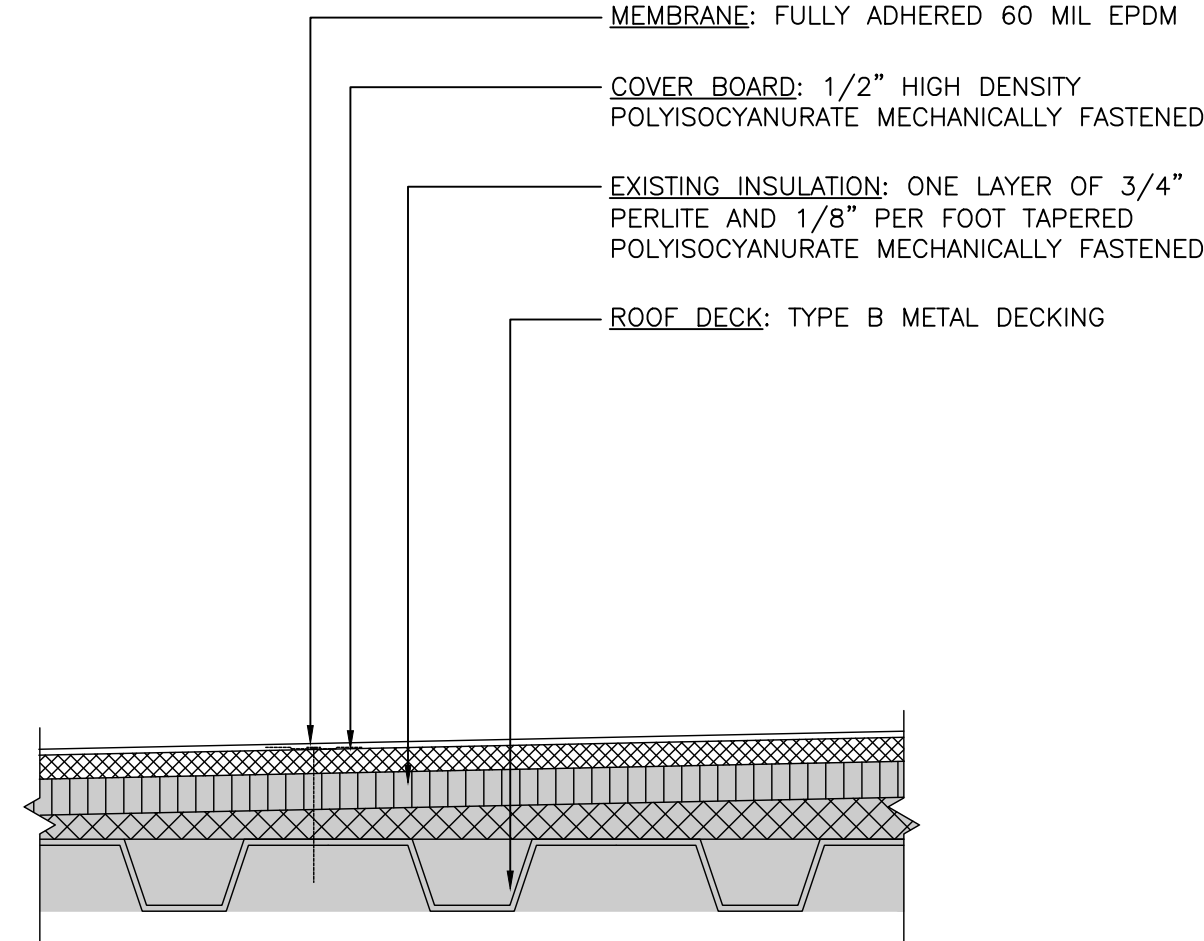
1 SYSTEM DETAIL
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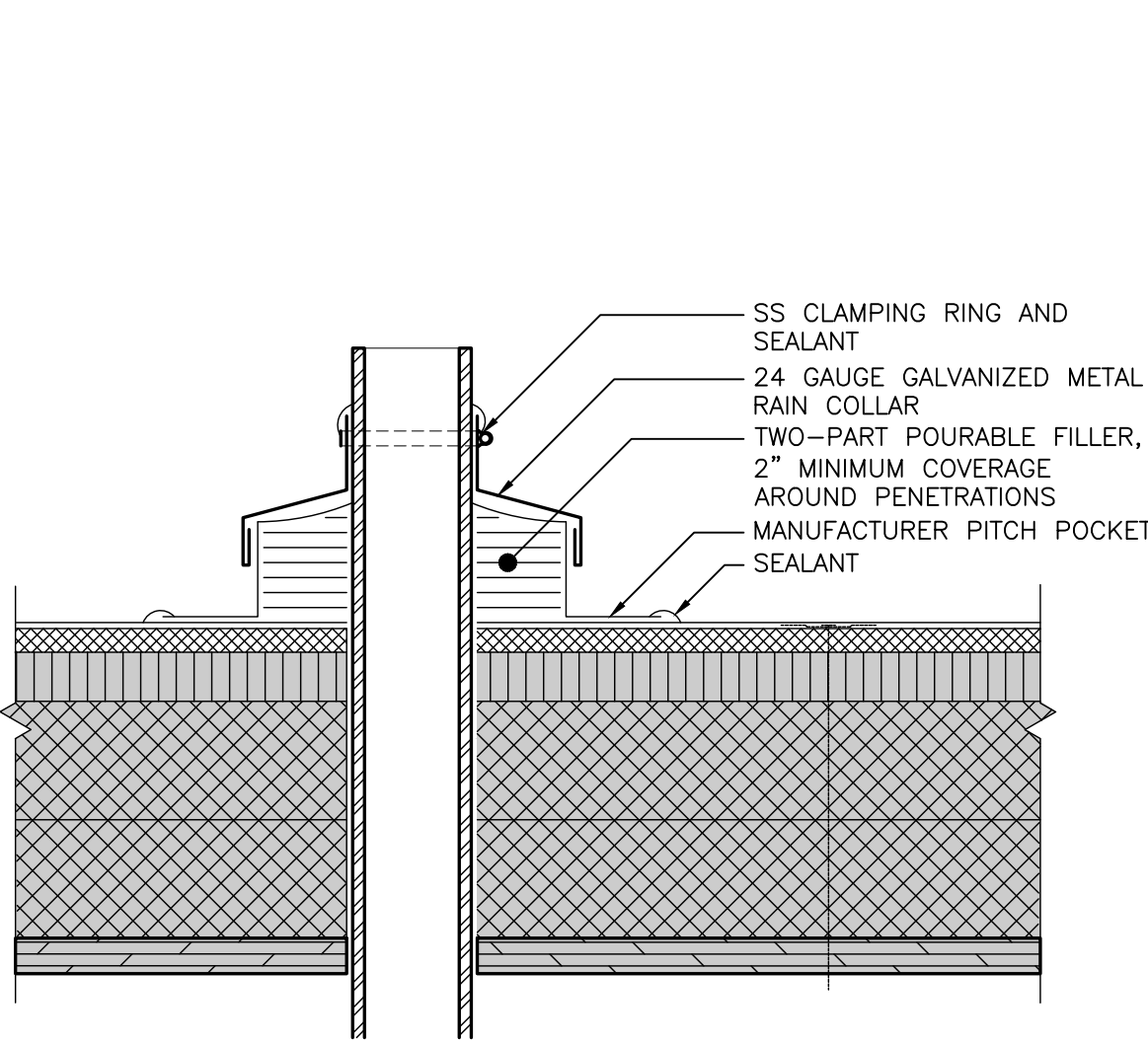
MEMBRANE DETAIL



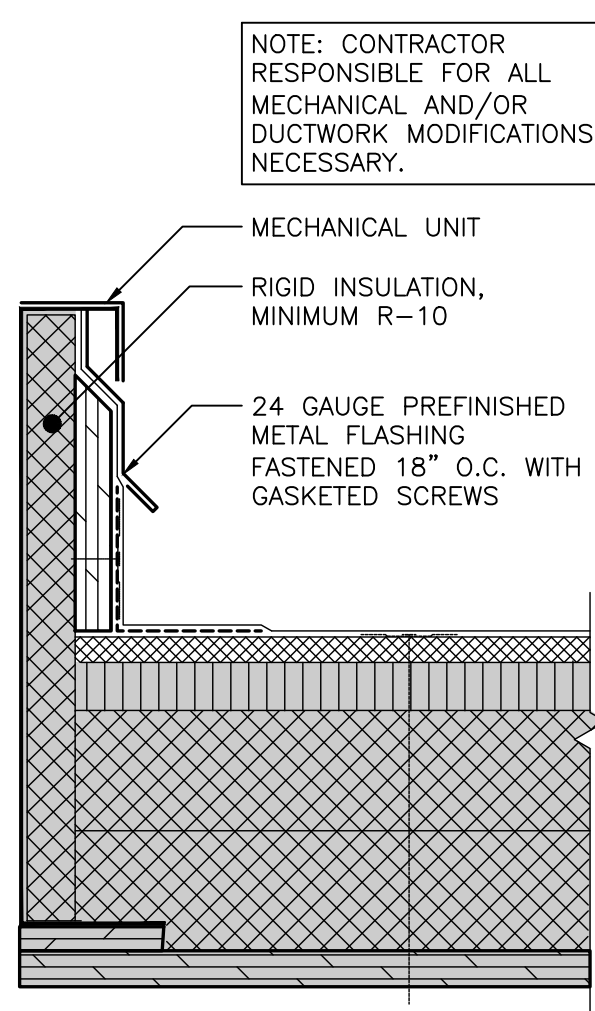
2 SYSTEM DETAIL
A201 SCALE: 3"=1'-0"



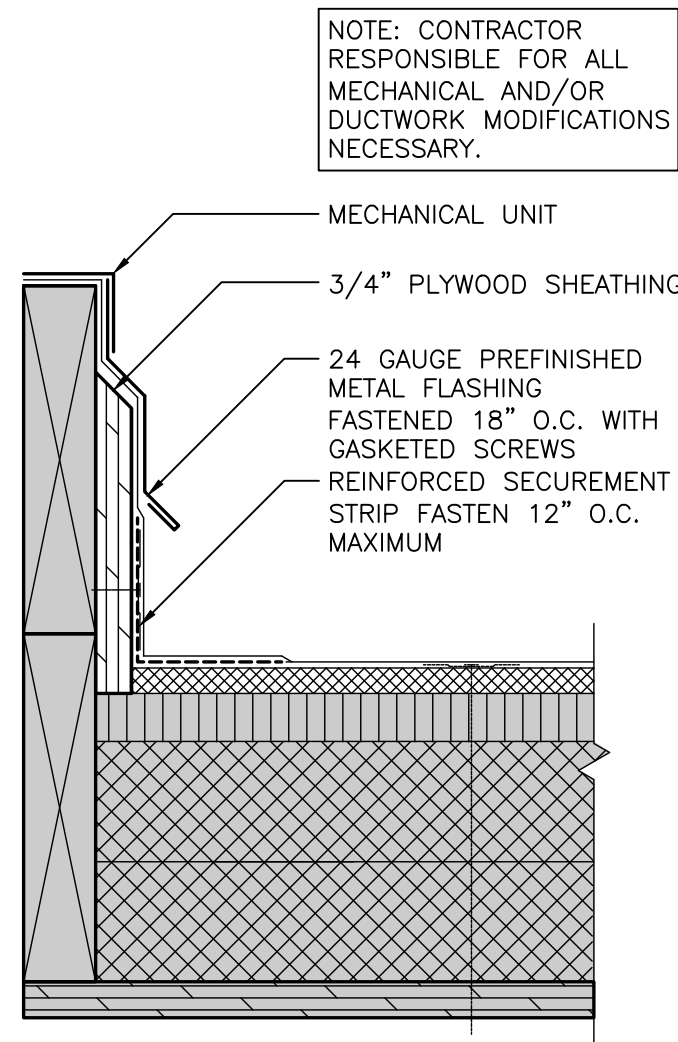
3 SYSTEM DETAIL
A201 SCALE: 3"=1'-0"



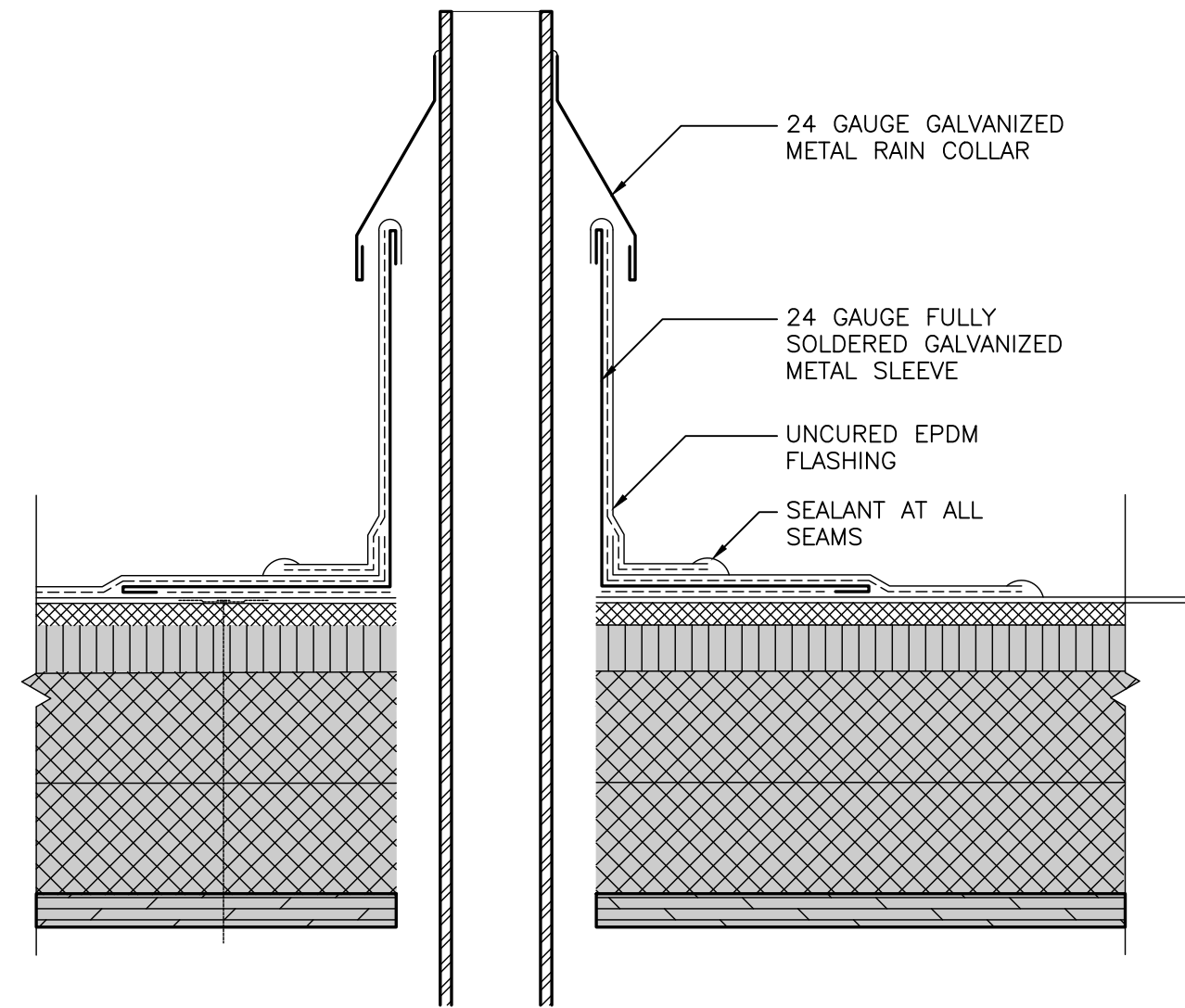
4 PITCH POCKET DETAIL
A201 SCALE: 3"=1'-0"



5 METAL CURB DETAIL
A201 SCALE: 3"=1'-0"



6 WOOD CURB DETAIL
A201 SCALE: 3"=1'-0"



7 HOT STACK DETAIL
A201 SCALE: 3"=1'-0"

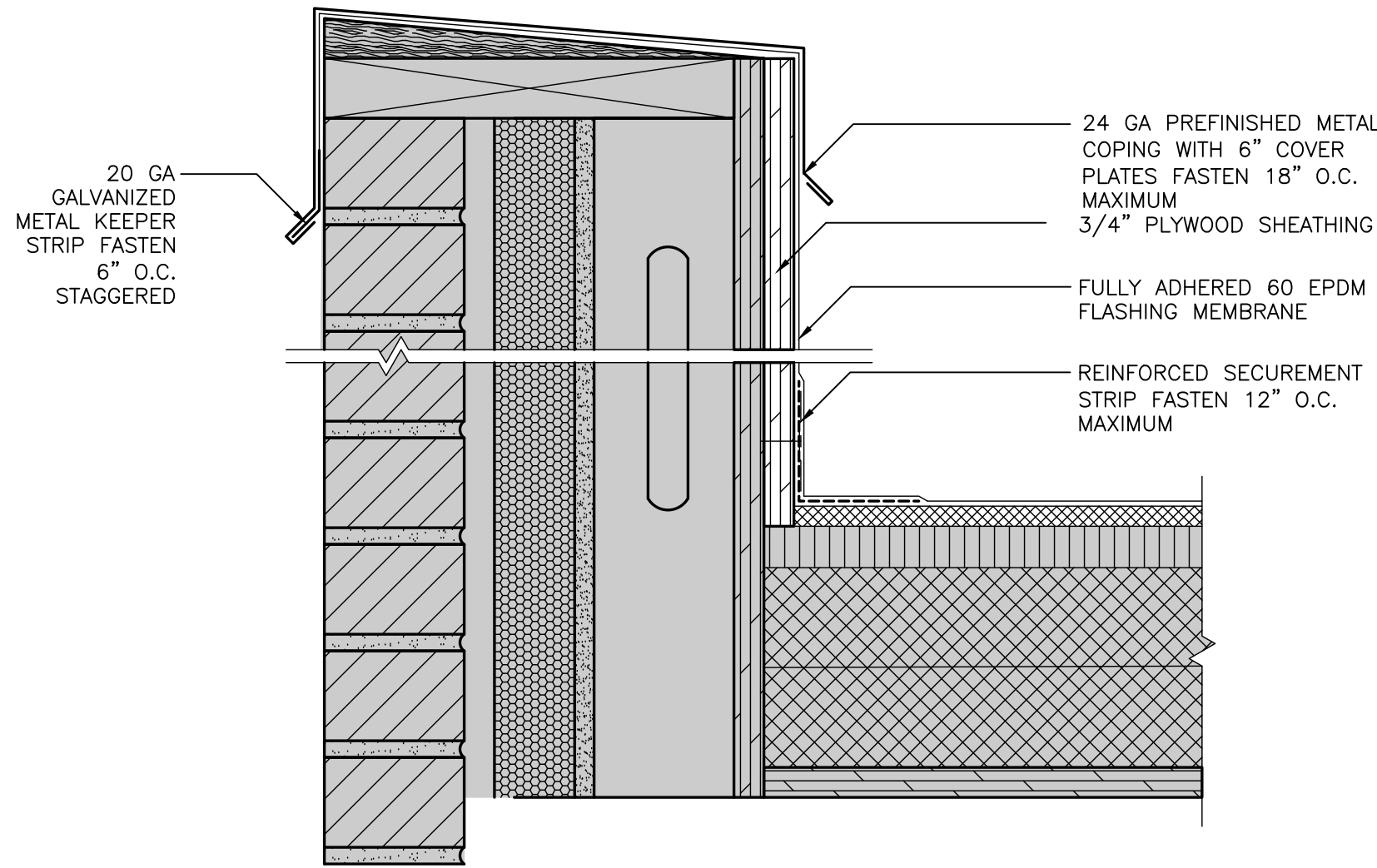


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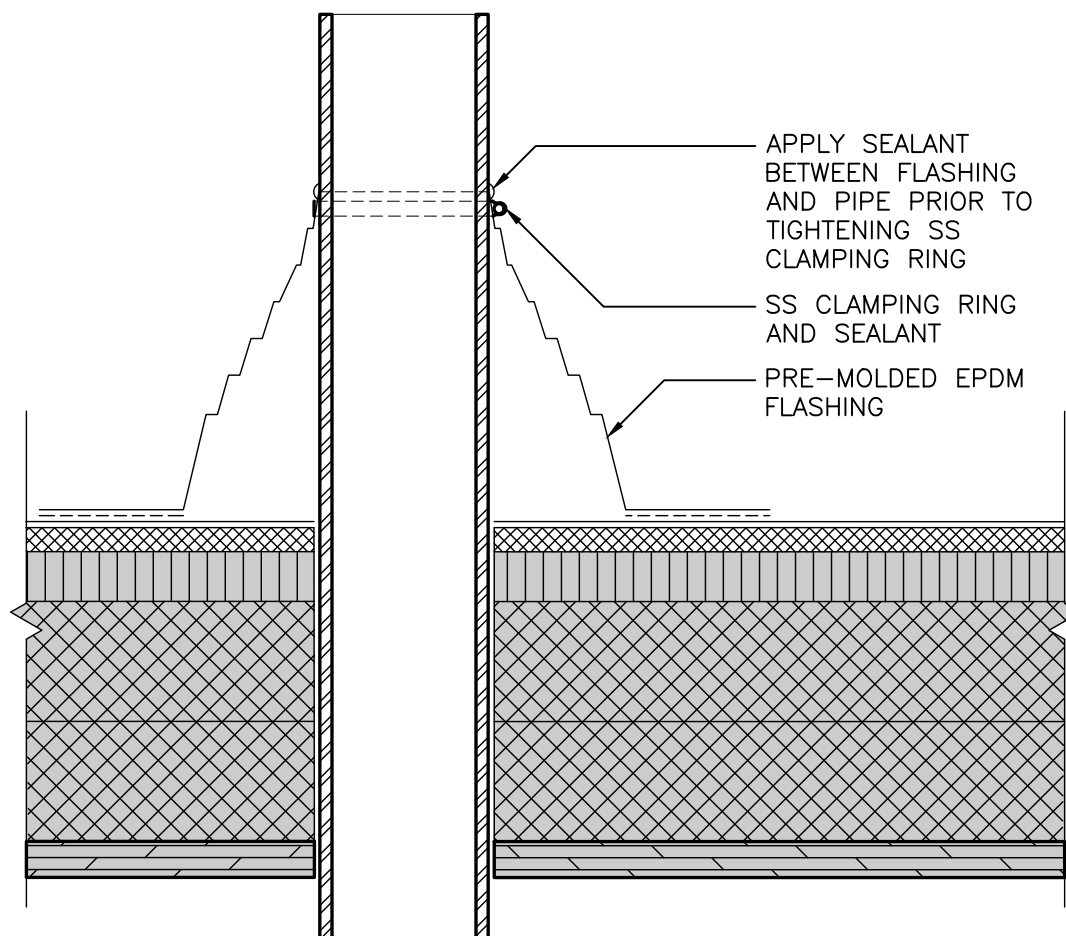
Consultants:

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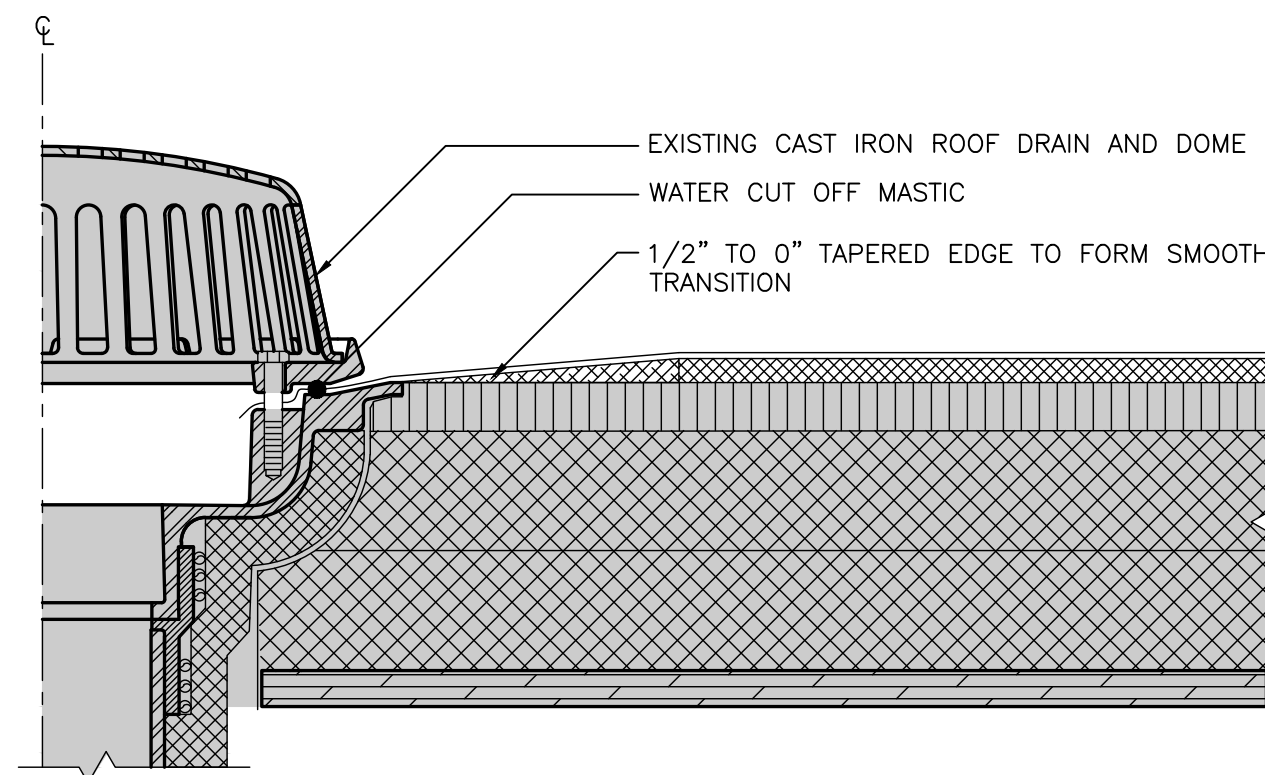
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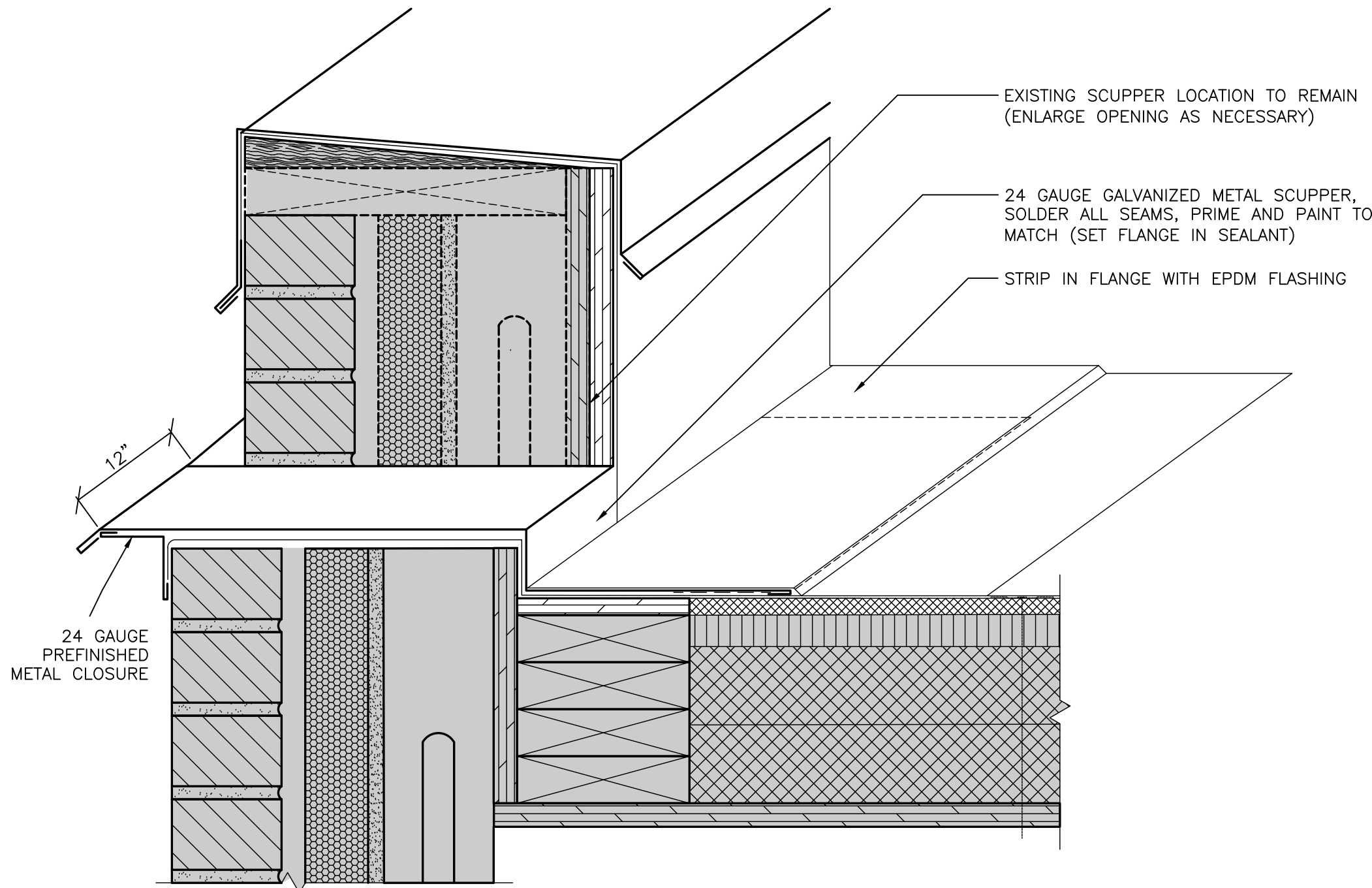
1 PERIMETER EDGE DETAIL
A202 SCALE: 3"=1'-0"



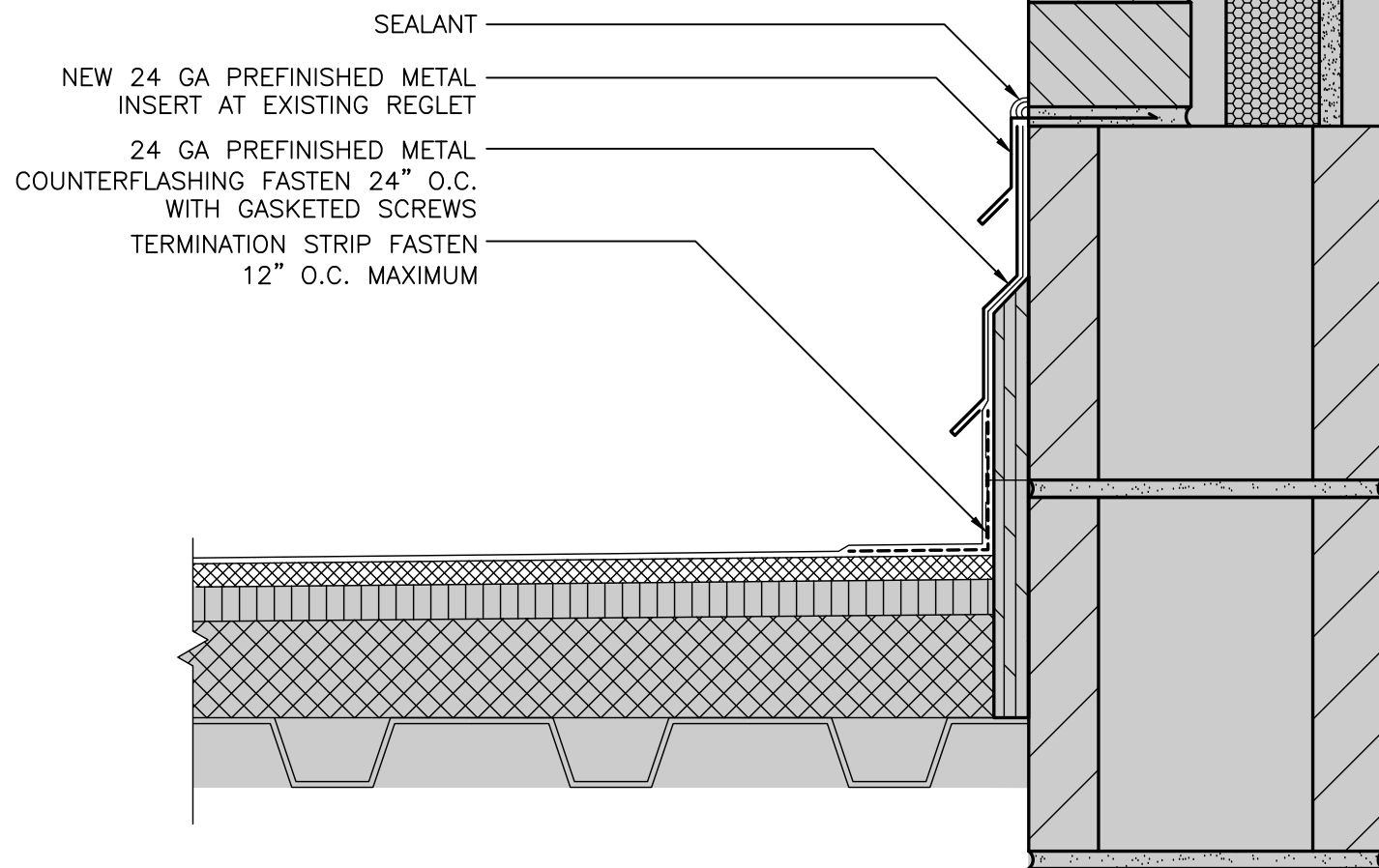
2 PIPE PENETRATION DETAIL
A202 SCALE: 3"=1'-0"



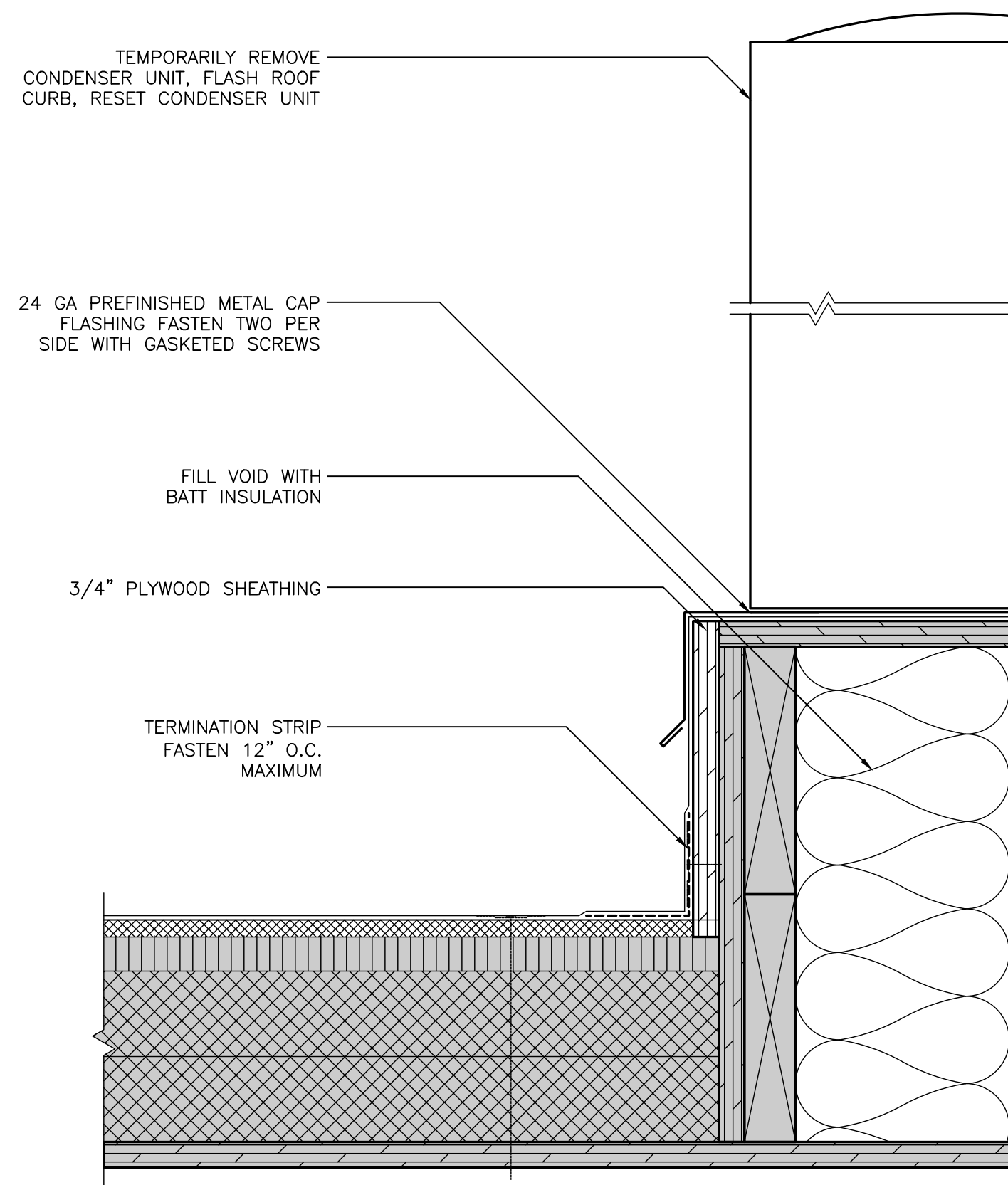
3 ROOF DRAIN DETAIL
A202 SCALE: 3"=1'-0"



4 OVERFLOW SCUPPER DETAIL
A202 SCALE: 3"=1'-0"



5 ROOF TO WALL DETAIL
A202 SCALE: 3"=1'-0"



6 BOX CURB DETAIL
A202 SCALE: 3"=1'-0"

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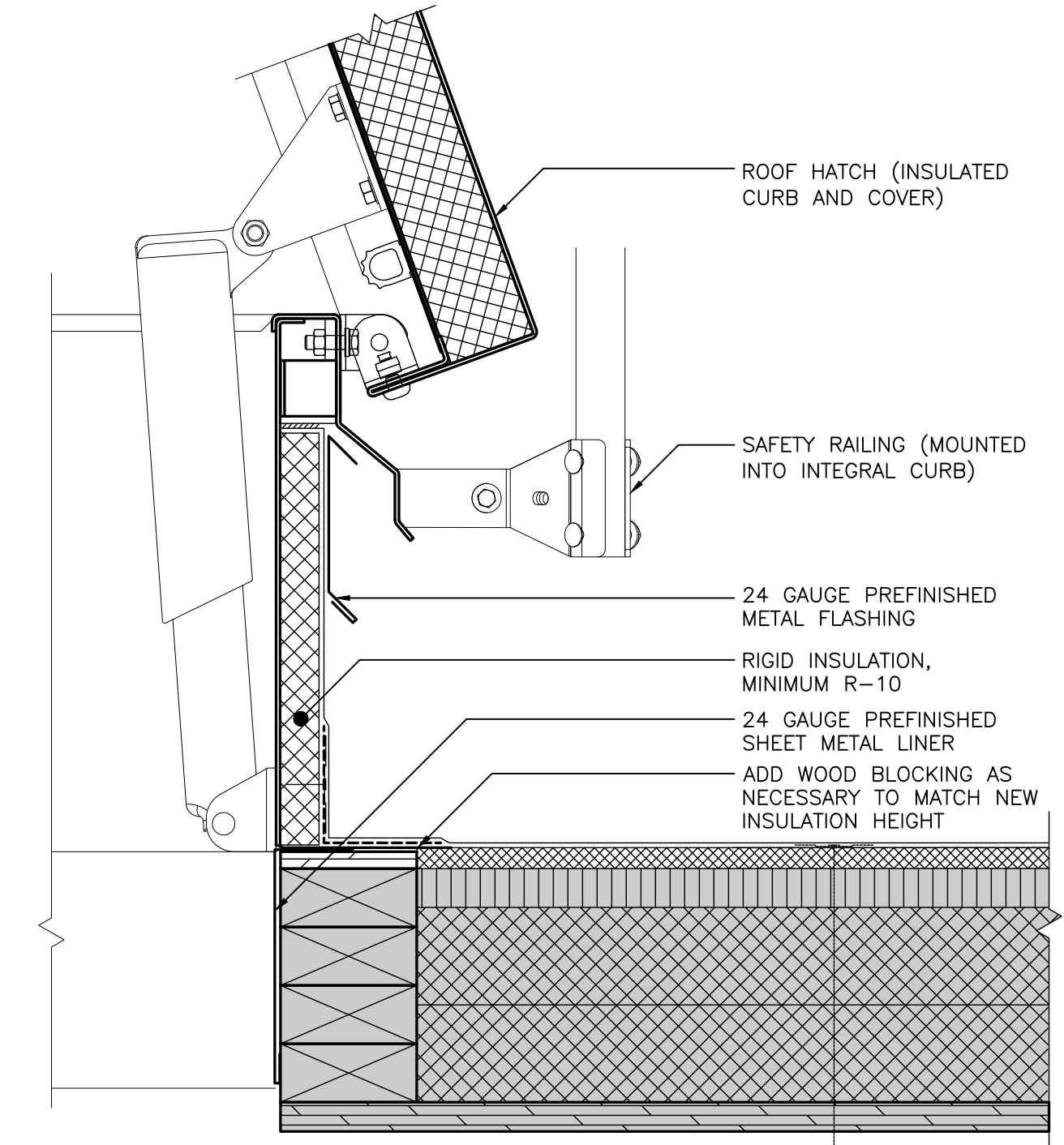
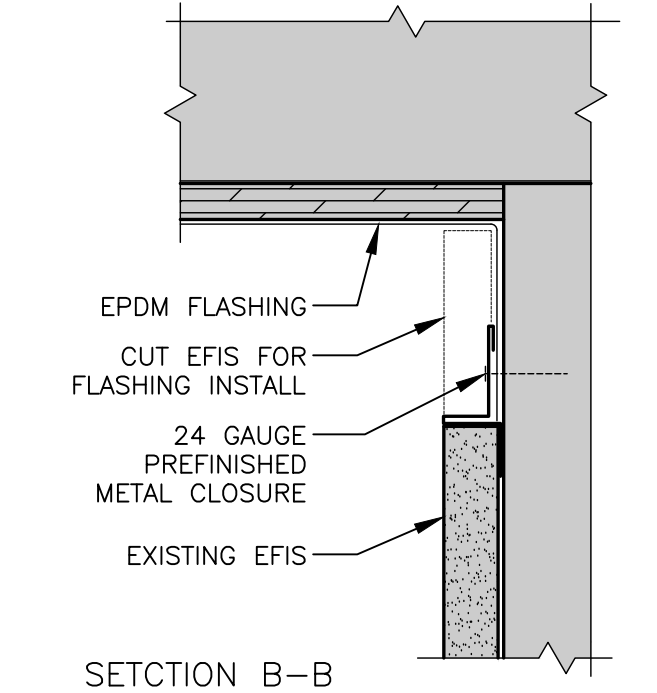
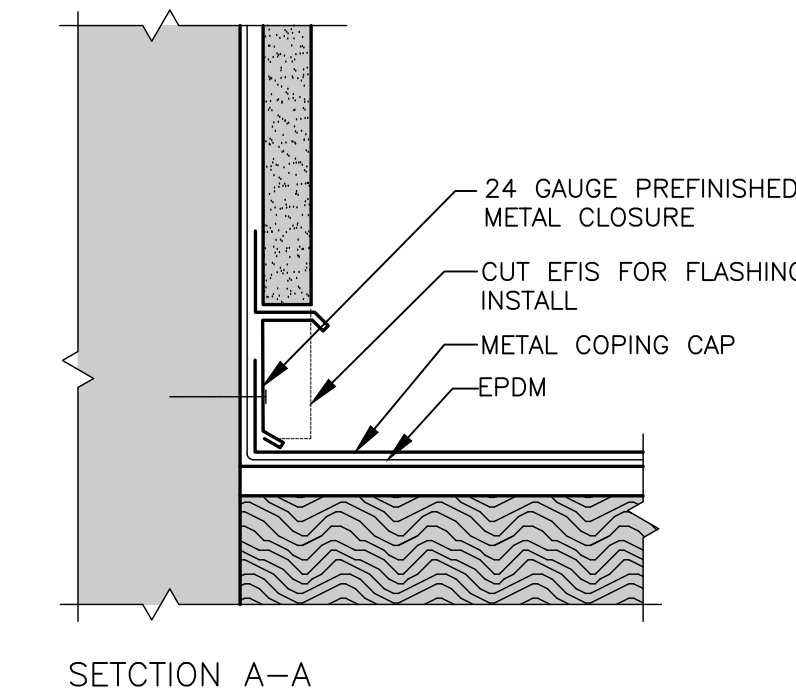
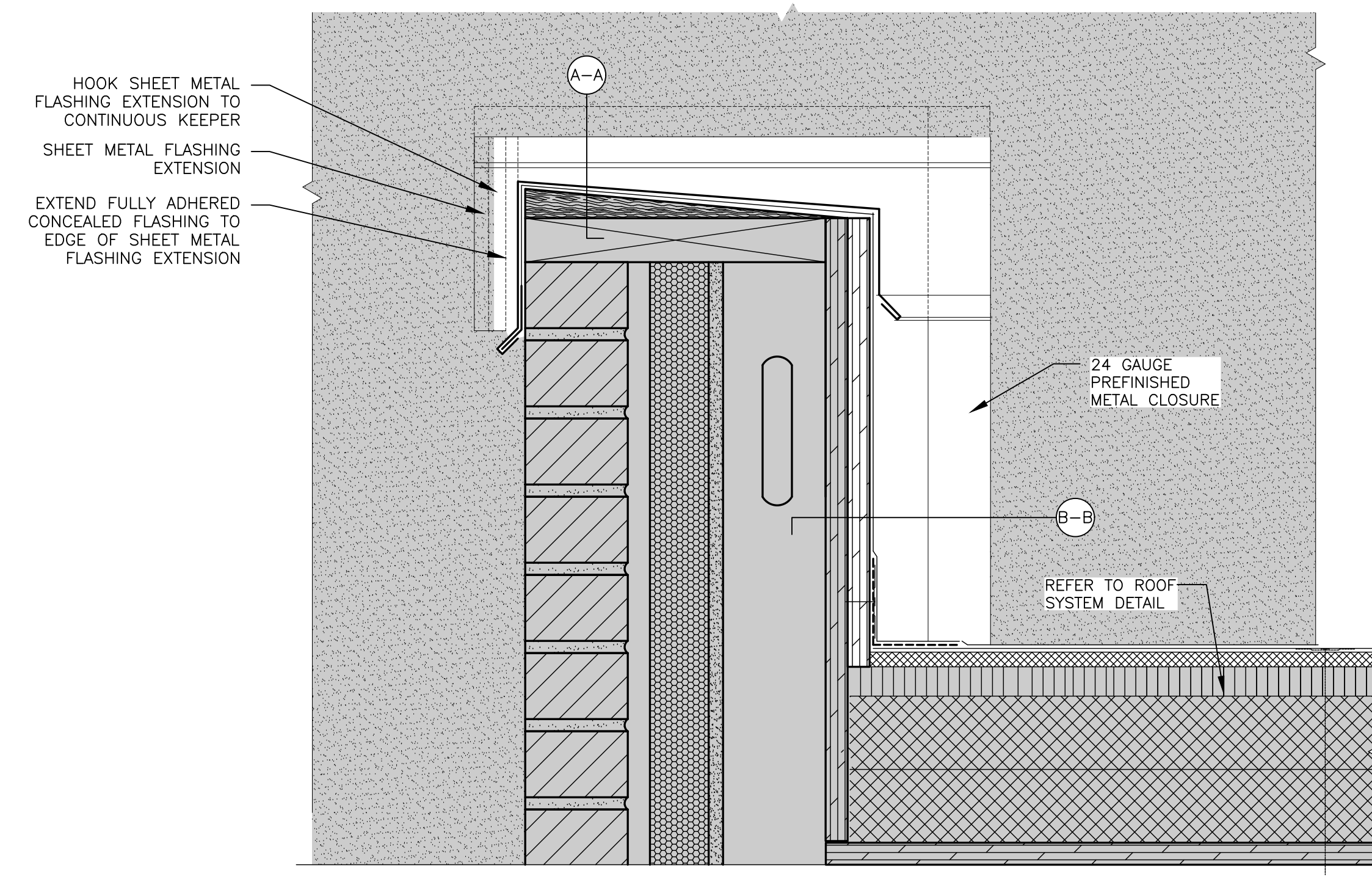
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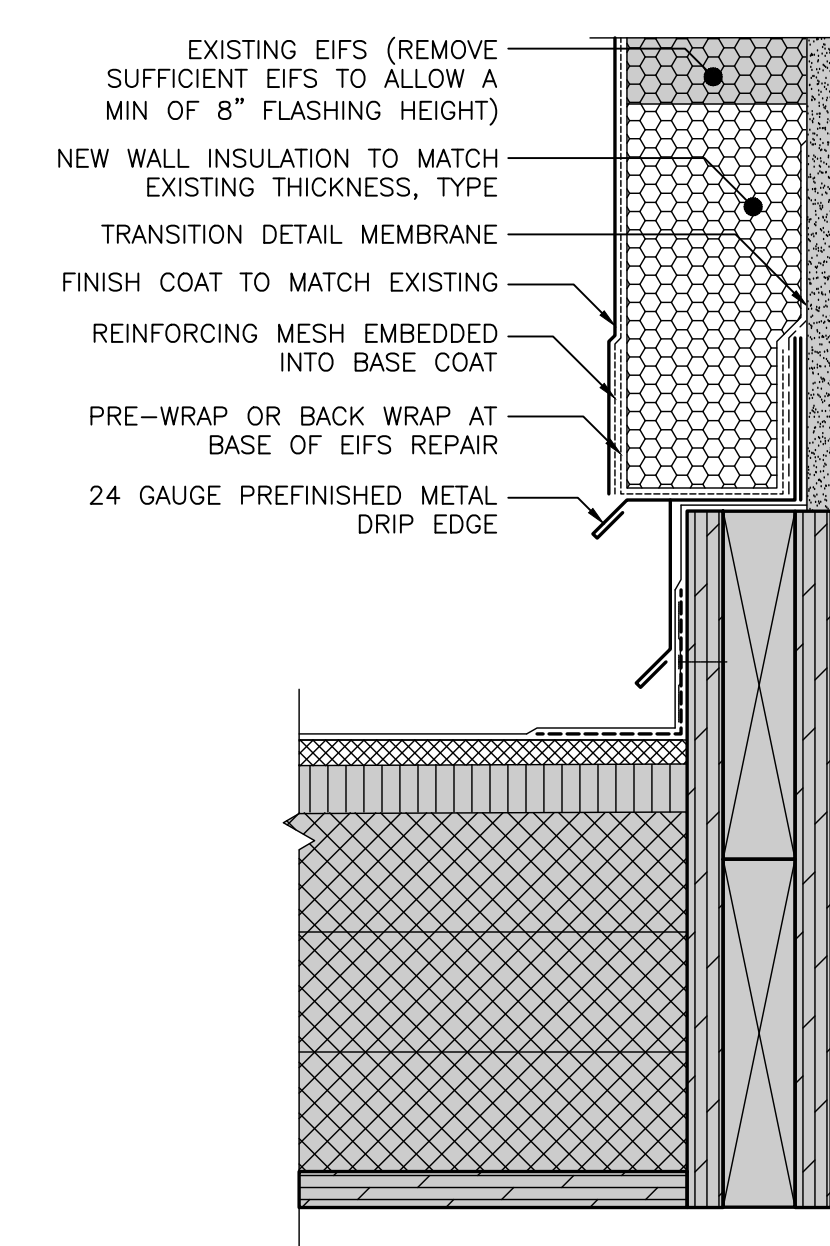
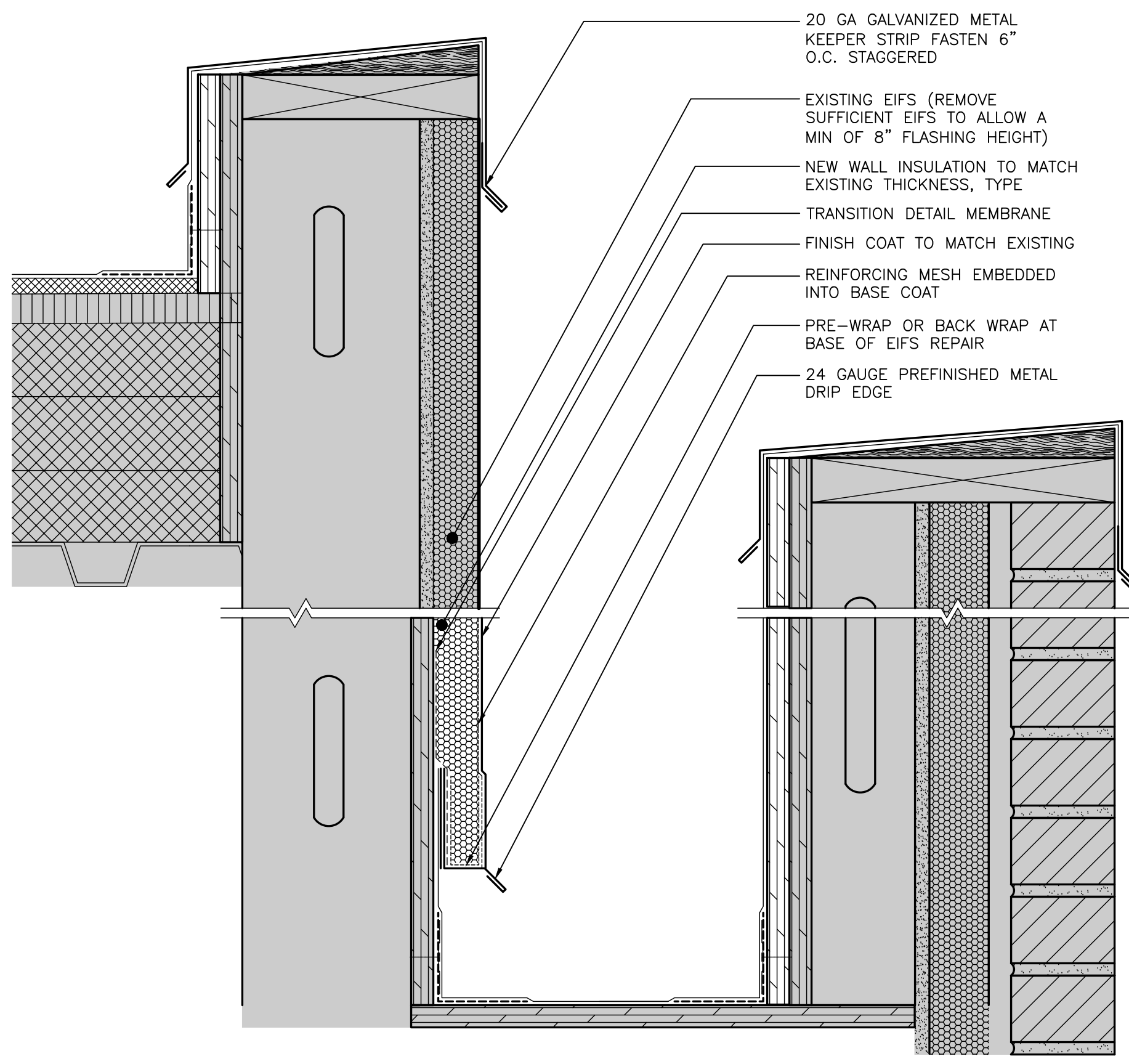
Roof Details

A202



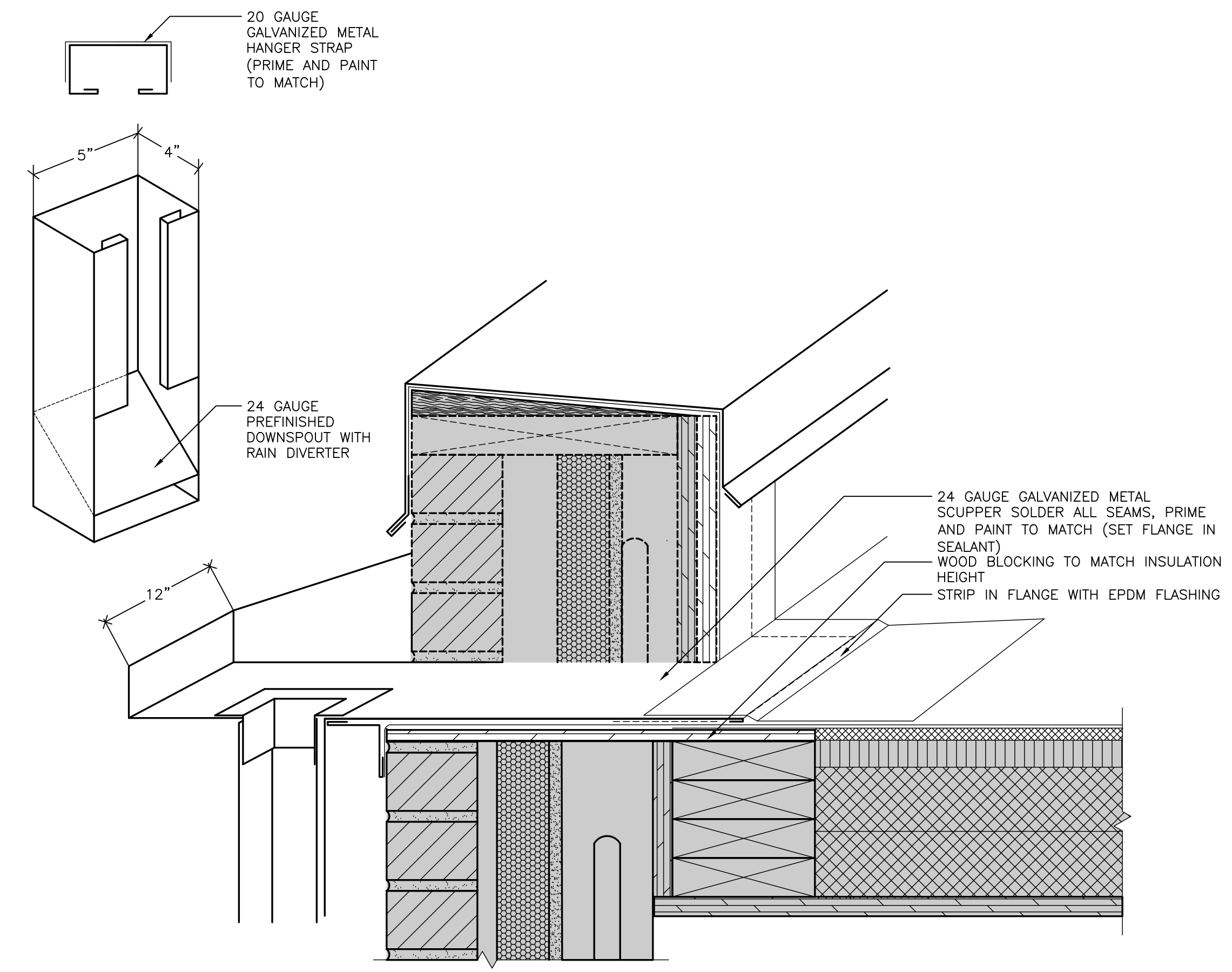
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A203 SCALE: 3"=1'-0"

2 ROOF HATCH DETAIL
A203 SCALE: 3"=1'-0"

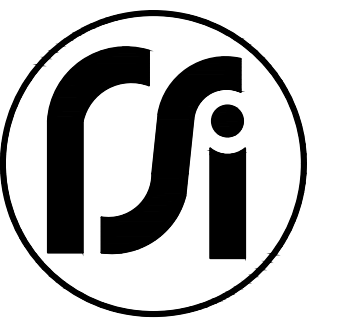


3 ELEVATOR PARAPET DETAIL
A203 SCALE: 3"=1'-0"

4 ROOF TO WALL DETAIL @ EIFS
A203 SCALE: 3"=1'-0"



5 PRIMARY SCUPPER DETAIL
A203 SCALE: 3"=1'-0"



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