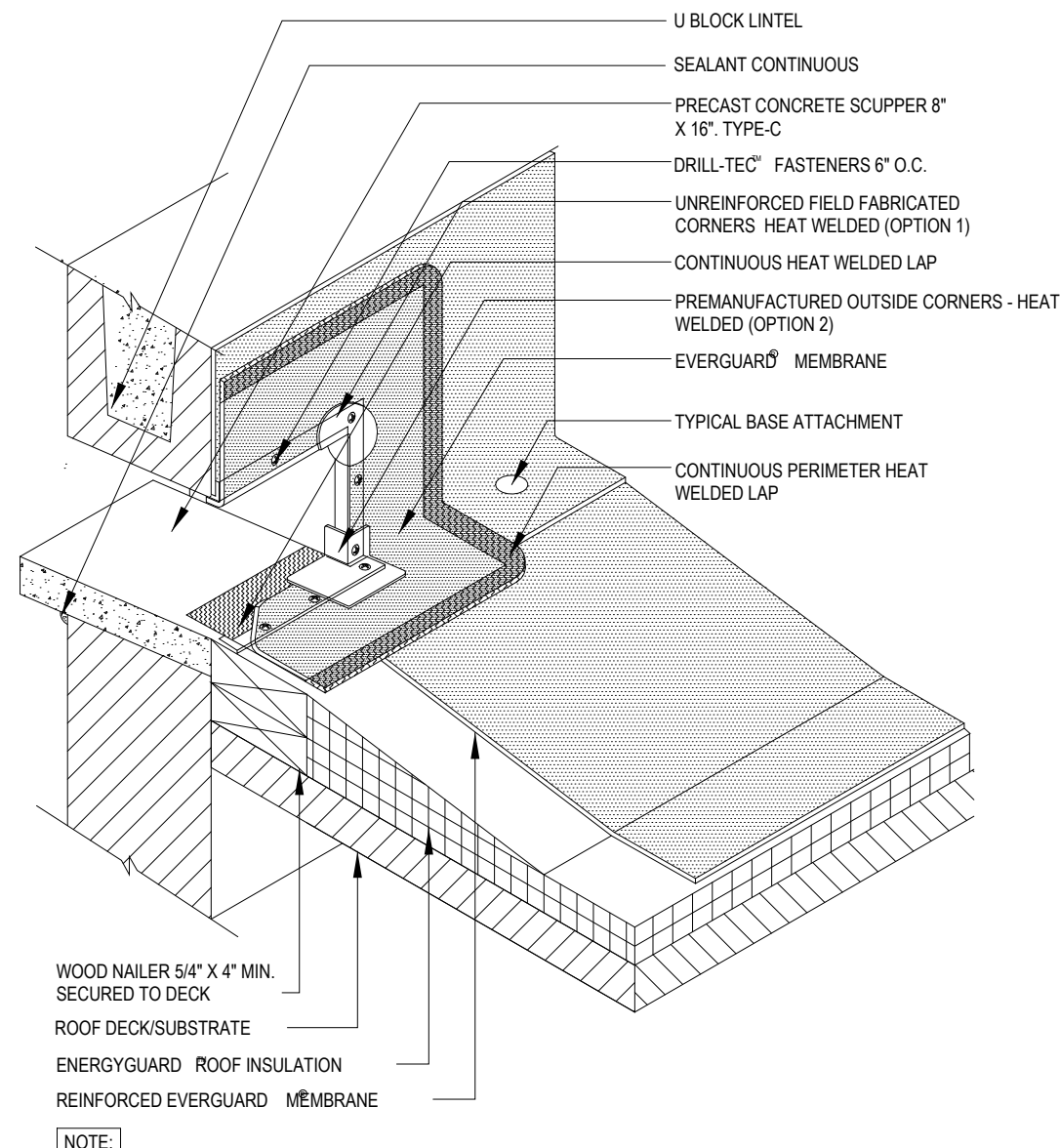
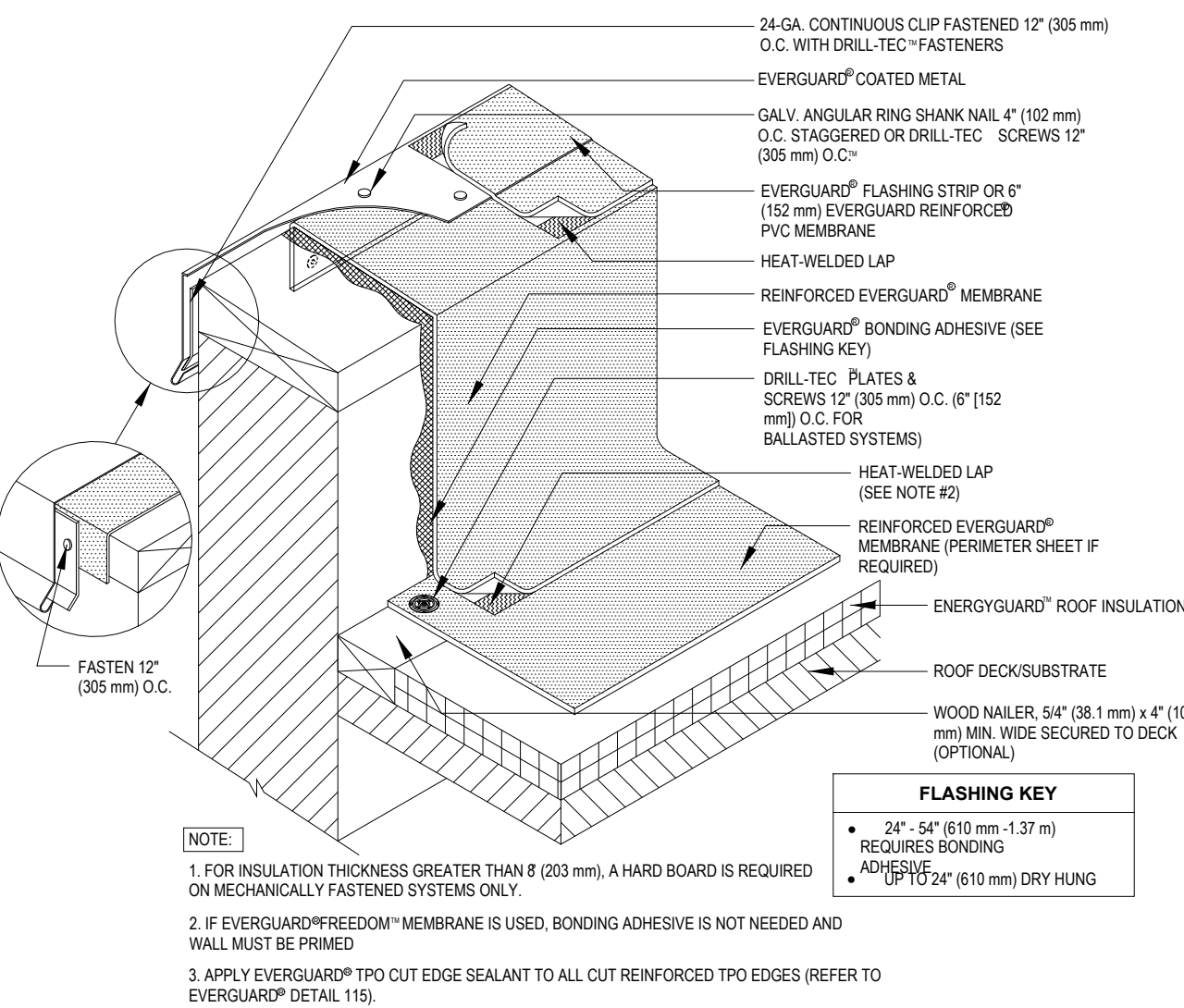




1. REMEMBER TO INSTALL EVERGUARD UNREINFORCED OR PREMANUFACTURED OUTSIDE CORNERS TO THE SCUPPERS FOUR ROOF SIDE CORNERS.
2. PLATES & SCREWS REQ'D FOR BASE ATTACHMENT 6' O.C. FOR BA SYSTEMS.
3. APPLY EVERGUARD TPO AND PVC CUT EDGE SEALANT TO ALL CUT REINFORCED TPO AND PVC EDGES (REFER TO DETAIL MAFABA 115) IF NEEDED.
4. DETAIL TO BE USED IN CONJUNCTION WITH STANDARD GUIDE SPECIFICATION CONTAINING REQUIREMENTS FOR NAILERS, INSULATION ETC.
5. FOR INSULATION THICKNESS GREATER THAN 8" (203 mm), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
6. IF EVERGUARD FREEDOM MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
7. APPLY EVERGUARD TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD DETAIL 115).

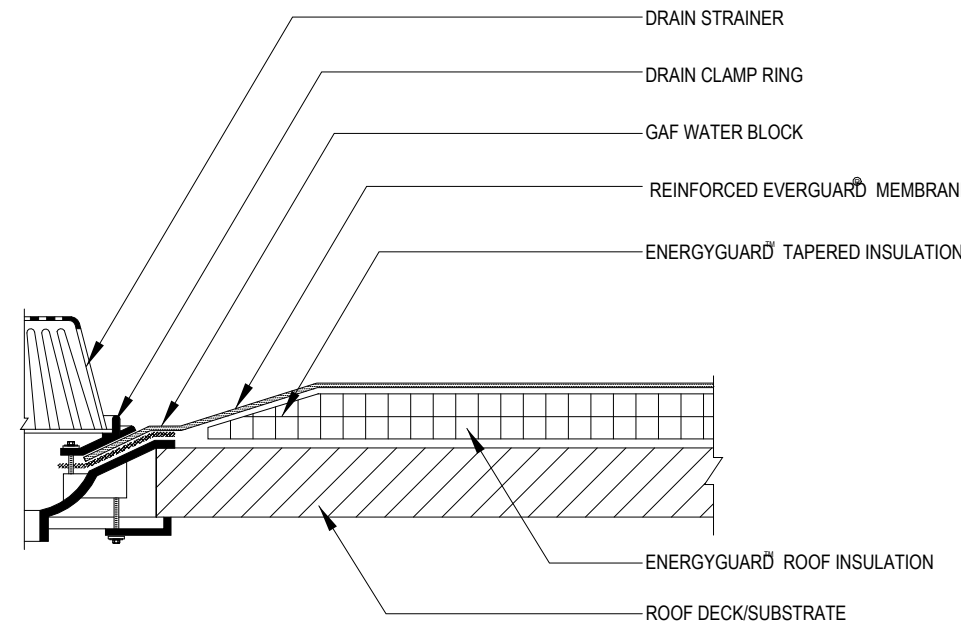
1 TPO - COATED MTL. SCUPPER

SCALE: N.T.S.



5 TPO - PARAPET W/ DRIP EDGE

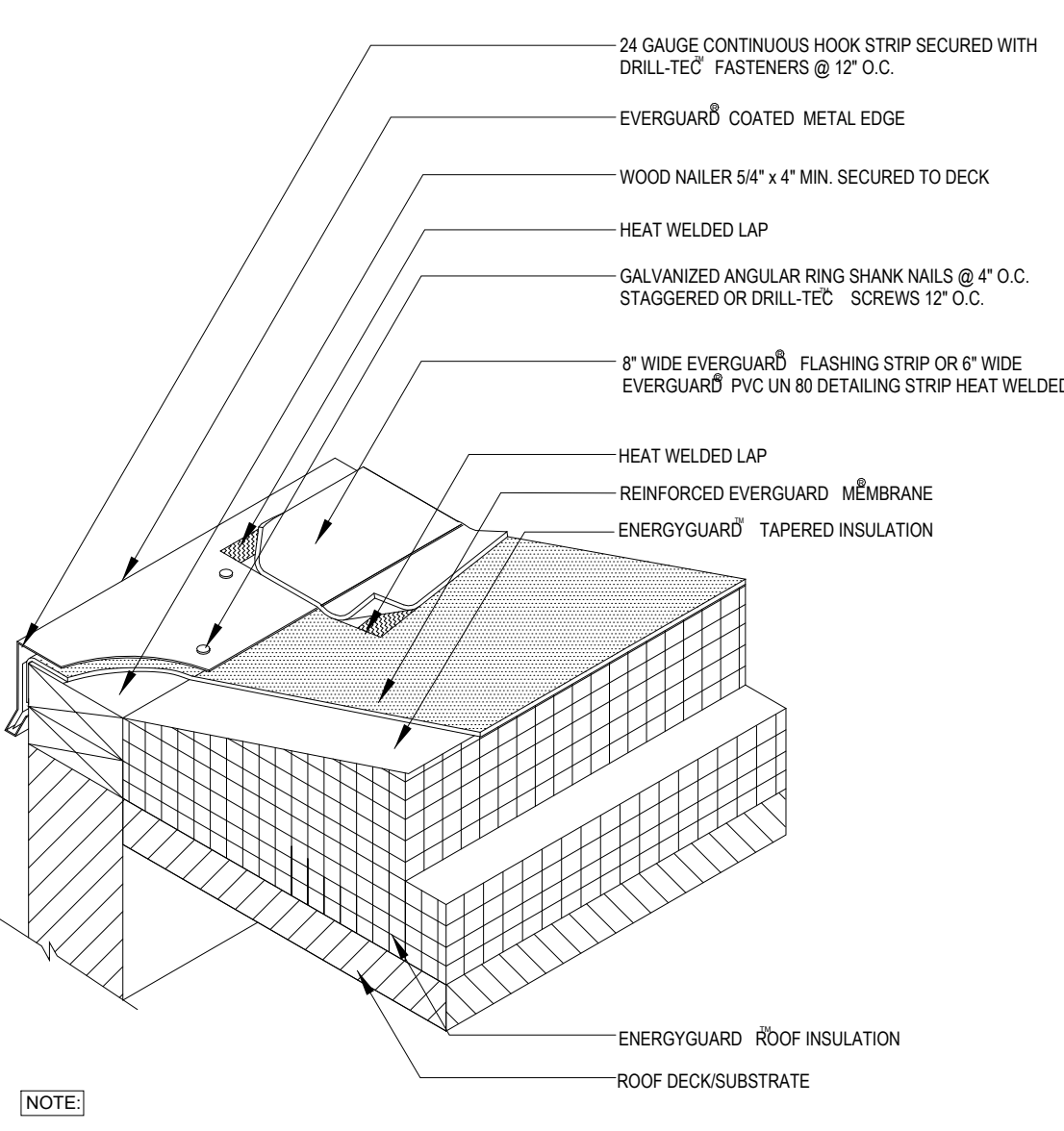
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1. A FIELD WELD CANNOT PASS WITHIN 9" OF THE CLAMPING, OR WITHIN THE DRAIN SUMP ITSELF.
2. MEMBRANE MUST EXTEND MINIMUM 1" BEYOND THE BOLT HOLES, THE CLAMPING RING BOLTS MUST PENETRATE THE MEMBRANE.
3. TAPERED INSULATION TO CREATE A ROOF SUMP MINIMUM 36" X 36" IN SIZE (IF APPLICABLE).
4. EVERGUARD ADHESIVE/ASPHALT (NOT SHOWN) REQ'D FOR FA SYSTEMS.
5. USE ONE FULL TUBE OF GAF WATER BLOCK PER DRAIN.
6. STONE/PAVER BALLAST (NOT SHOWN) REQUIRED FOR BA SYSTEMS.

9 TPO - STANDARD ROOF DRAIN

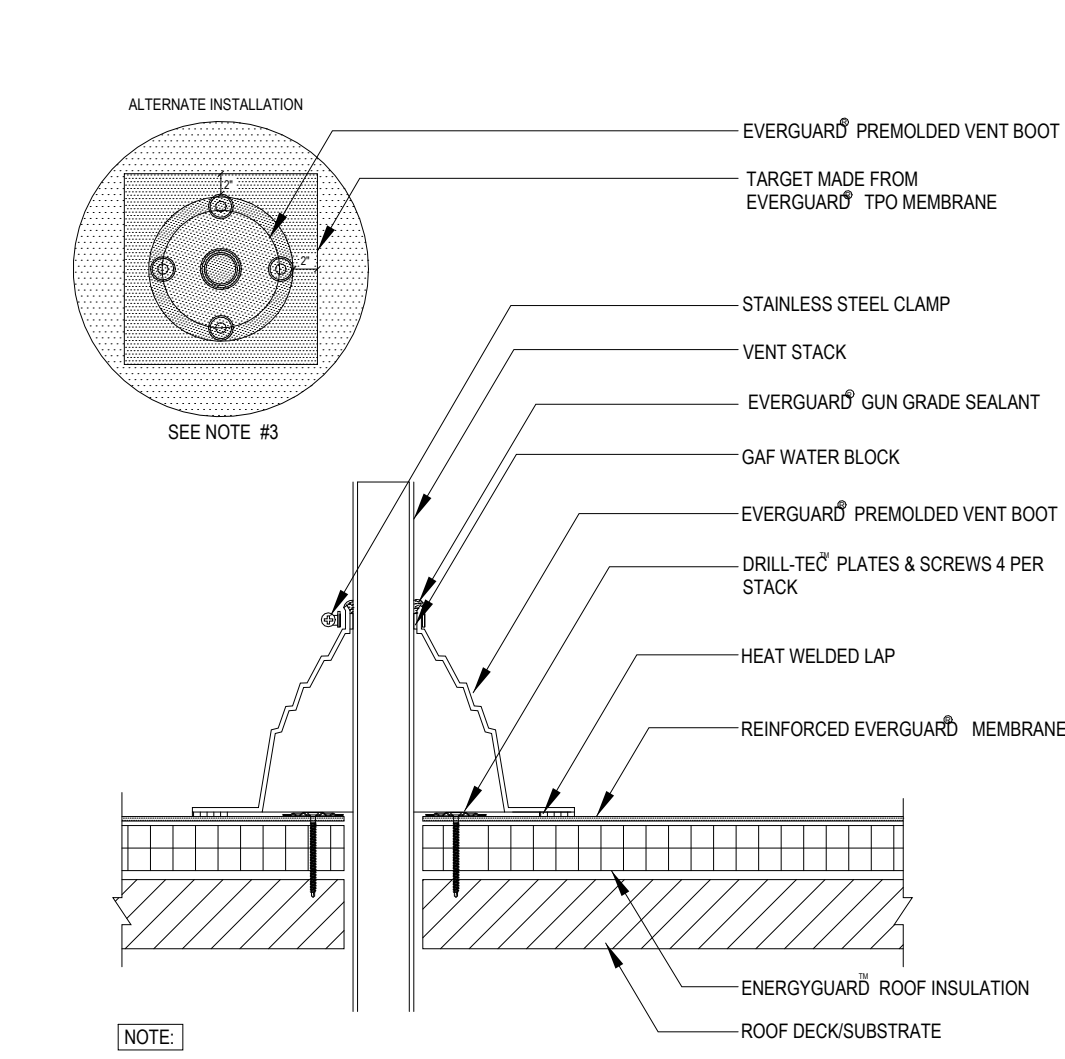
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1. ADD BALLAST PER SPEC FOR BA SYSTEMS.
2. APPLY EVERGUARD TPO AND PVC CUT EDGE SEALANT TO ALL CUT REINFORCED TPO AND PVC EDGES (REFER TO DETAIL MAFABA 115).

2 TPO - COATED METAL TAPERED EDGE

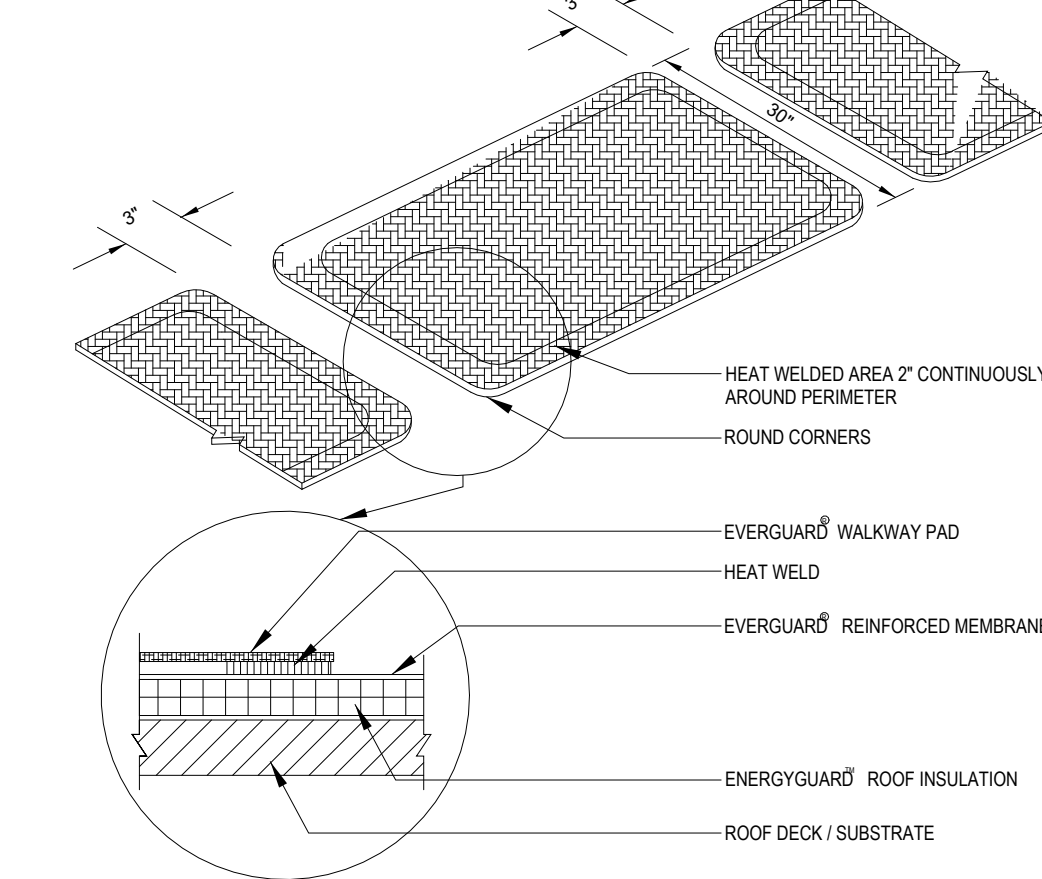
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1. DO NOT CUT PREMOLDED BOOT. IT MUST BE PULLED OVER VENT PIPE.
2. TPO SELF-ADHERED PIPE BOOTS AND PRIMER MAY BE USED WITH TPO SYSTEMS FOR UP TO A 15 YEAR GUARANTEE.
3. IF THE PLATES AND FASTENERS INTRUDE INTO BOOT FLANGE AREA, THEN A TARGET MUST FIRST BE INSTALLED OVER PLATES AND FASTENERS BEFORE BOOT INSTALLATION.
4. APPLY EVERGUARD TPO AND PVC CUT EDGE SEALANT TO ALL CUT REINFORCED TPO AND PVC EDGES (REFER TO DETAIL MAFABA 115).

6 TPO - PREMOLDED VENT BOOT

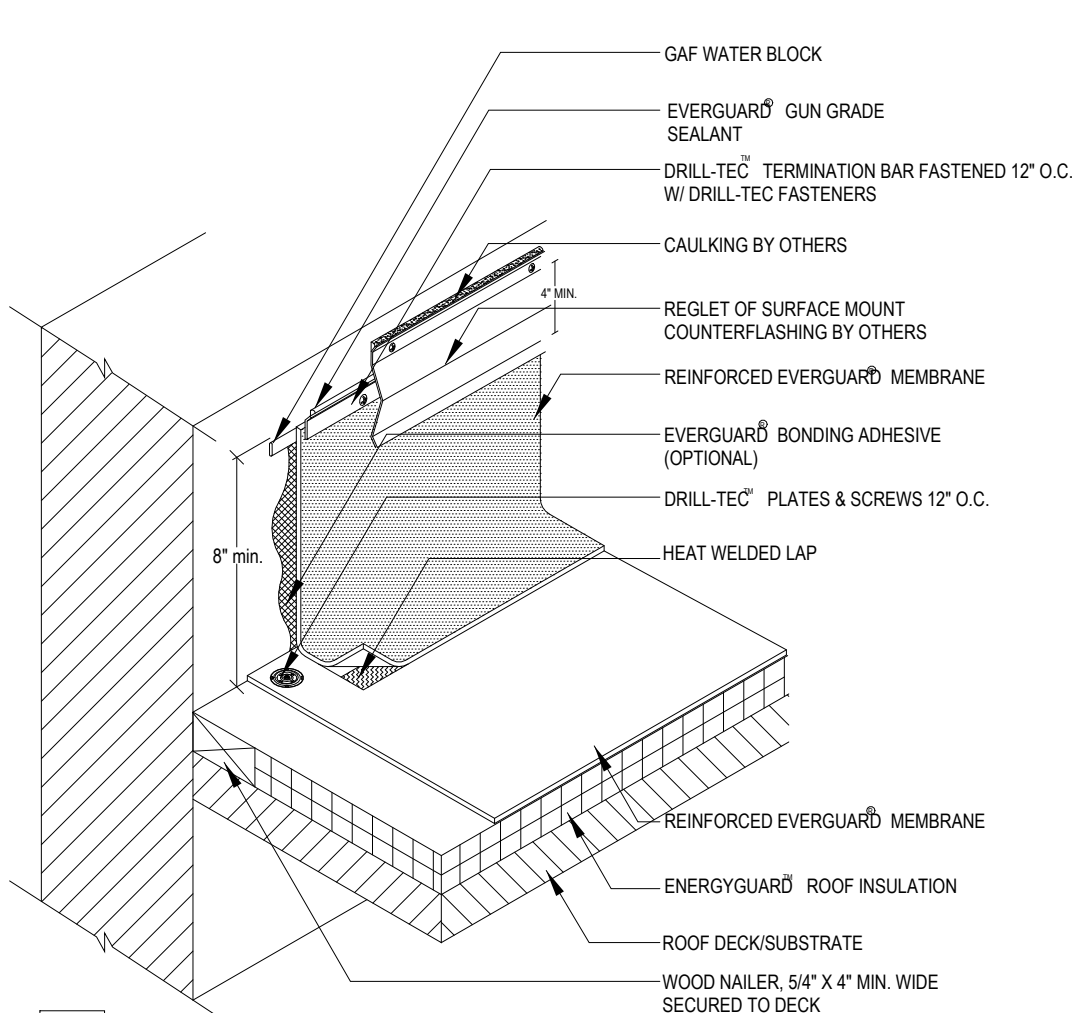
SCALE: N.T.S.



1. REMEMBER DO NOT CROSS SEAMS WITH WALKWAY PADS.
2. HEAT WELD EDGE OF WALKWAY ROLLS CONTINUOUSLY.
3. REQUIRED AT ALL ROOF ACCESS POINTS.

10 TPO - HEAT WELDED WALKWAY

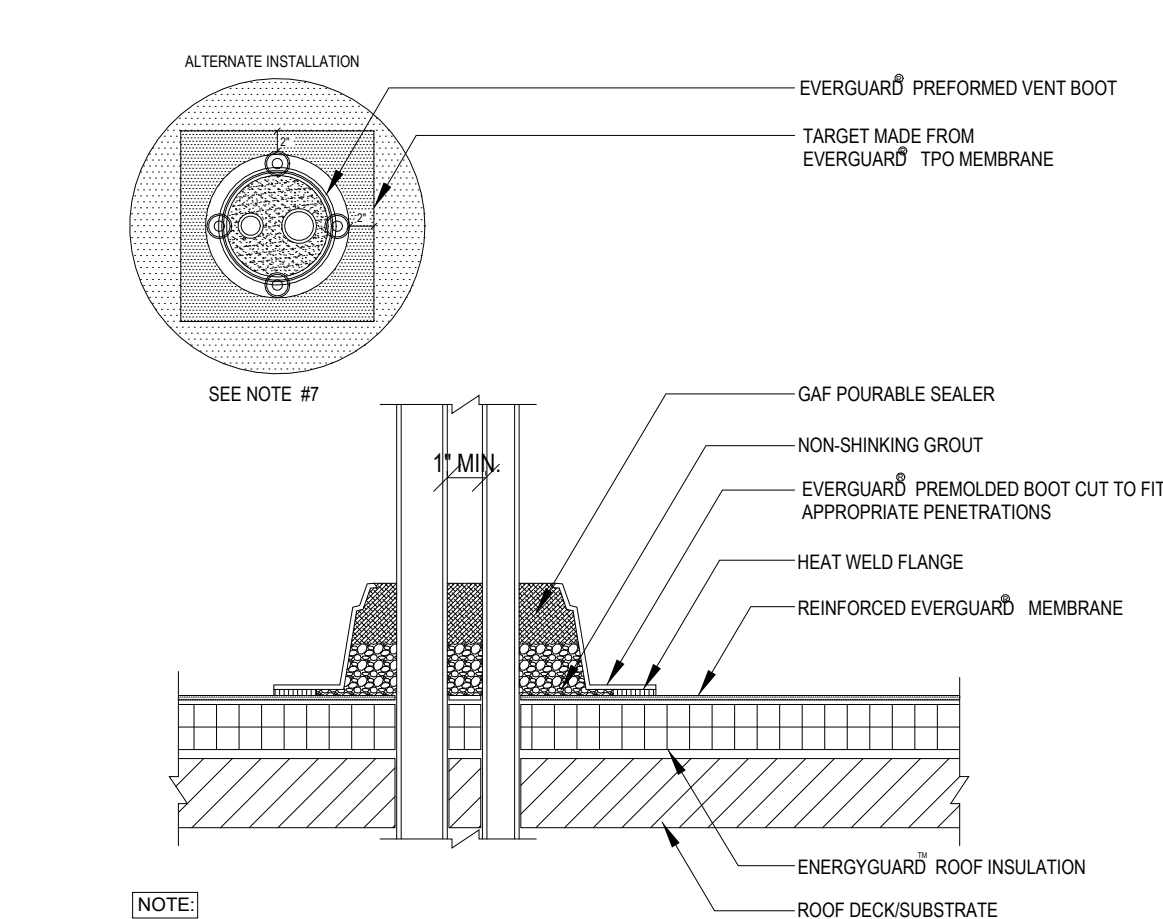
SCALE: N.T.S.



1. THE FOLLOWING APPLIES FOR MA SYSTEMS ONLY: FOR INSULATION THICKNESSES GREATER THAN 8" CONTACT GAF CONTRACTOR SERVICES FOR ALTERNATE ATTACHMENT REQUIREMENTS. THESE METHODS MAY INCLUDE THE USE OF A HARD BOARD COVERING THE ASSEMBLY.
2. EXISTING REGLET IS ACCEPTABLE IF METAL IS IN GOOD CONDITION.
3. PLATES & SCREWS 6" O.C. REQ'D FOR BA SYSTEMS.
4. COUNTERFLASHING REQUIRED FOR 20 YEAR SYSTEM.
5. APPLY EVERGUARD TPO AND PVC CUT EDGE SEALANT TO ALL CUT REINFORCED TPO AND PVC EDGES (REFER TO DETAIL MAFABA 115).

3 TPO - PARAPET W/ COUNTERFLASHING

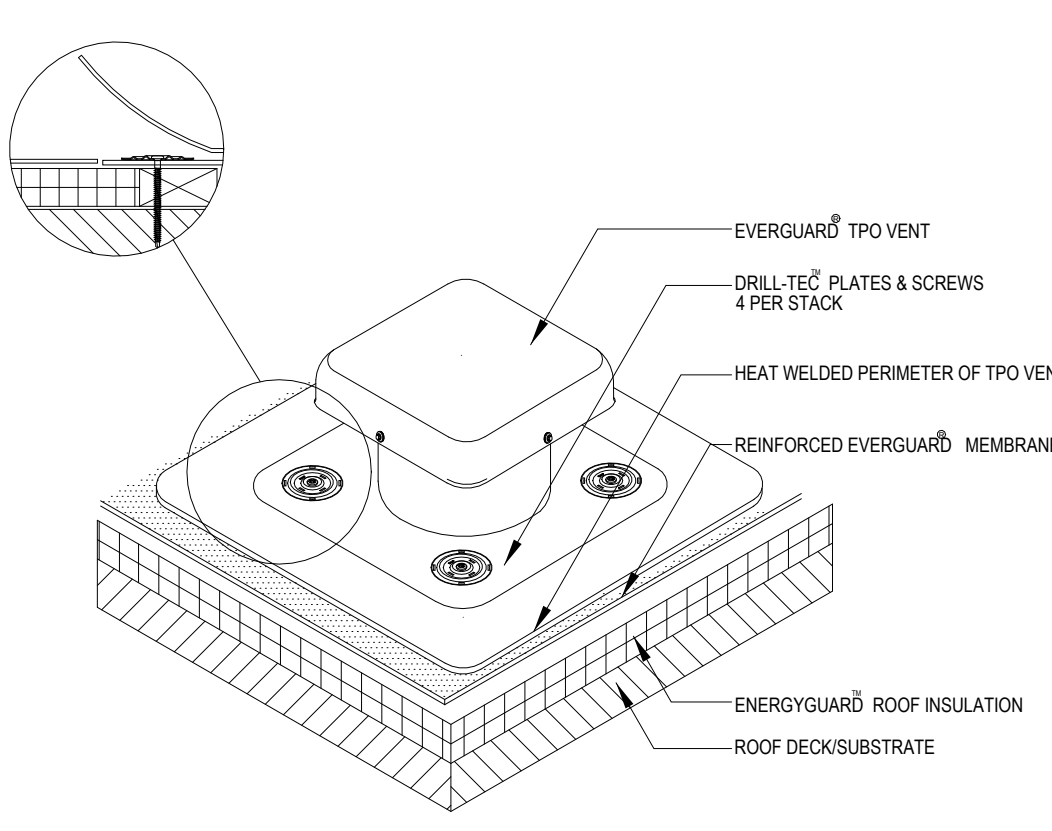
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1. STONE/PAVER BALLAST (NOT SHOWN) REQUIRED FOR BA SYSTEMS.
2. EXISTING PROJECTION MUST BE CLEANED AND FREE OF INSULATING MATERIALS.
3. POURABLE SEALER MOUNTED TO SHED WATER (MAX 2" DEPTH), REMAINDER OF POCKET MAY BE FILLED WITH A NON-SHRINKING GROUT.
4. DO NOT USE OVER EXISTING PENETRATION POCKETS.
5. DO NOT USE WHEN SERVICE LINE TEMP. EXCEEDS 140°F.
6. TPO PRIMER REQ. ON PENETRATIONS AND MEMBRANE INSIDE OF PENETRATION POCKET.
7. IF THE PLATES AND FASTENERS INTRUDE INTO BOOT FLANGE AREA, THEN A TARGET MUST FIRST BE INSTALLED OVER PLATES AND FASTENERS BEFORE BOOT INSTALLATION.
8. APPLY EVERGUARD TPO AND PVC CUT EDGE SEALANT TO ALL CUT REINFORCED TPO AND PVC EDGES (REFER TO DETAIL MAFABA 115).

7 TPO - PREFORMED PENETRATION

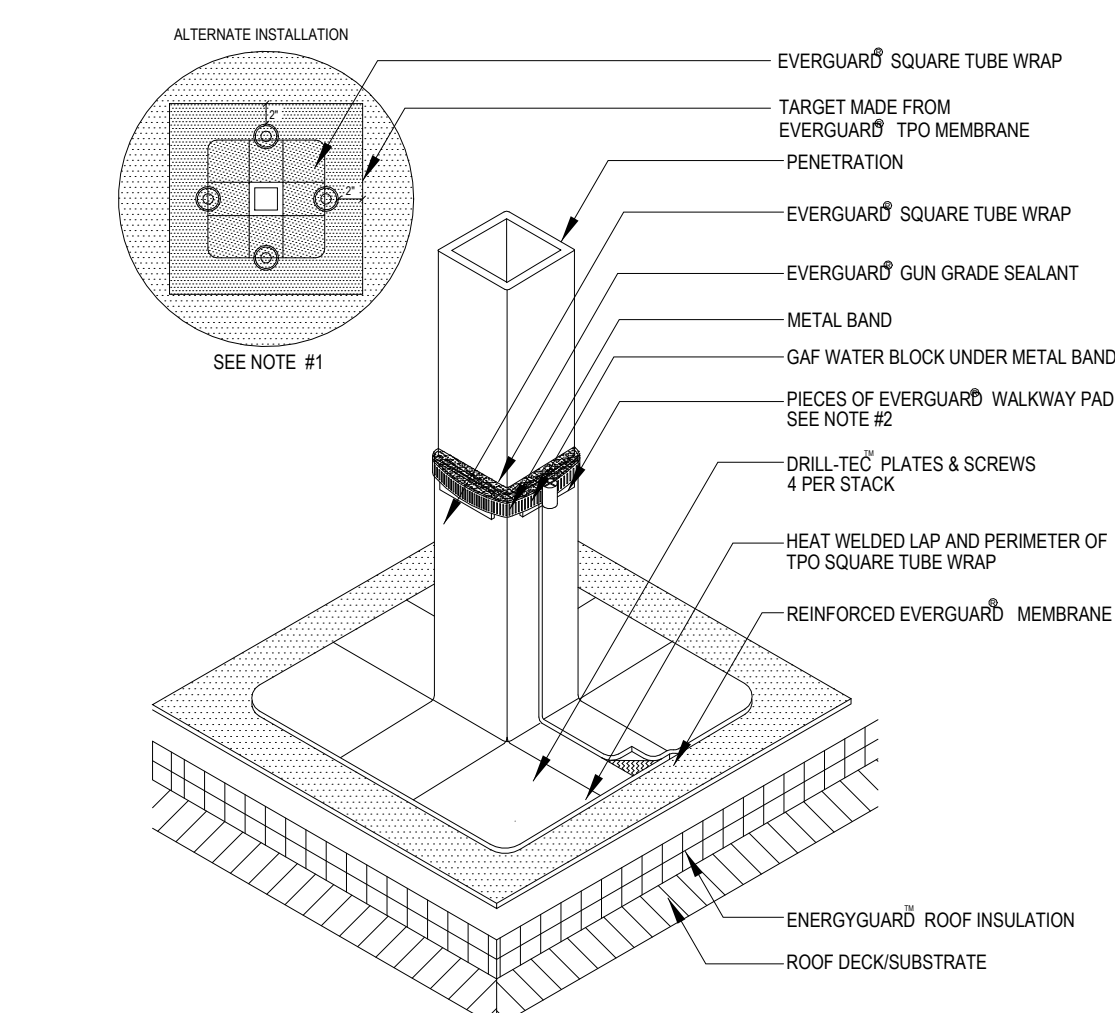
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1. APPLY EVERGUARD TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO DETAIL MAFABA 115).
2. VENT NOT TO BE USED TO VENT MOISTURE FROM ROOF.

11 TPO - EVERGUARD TPO VENT

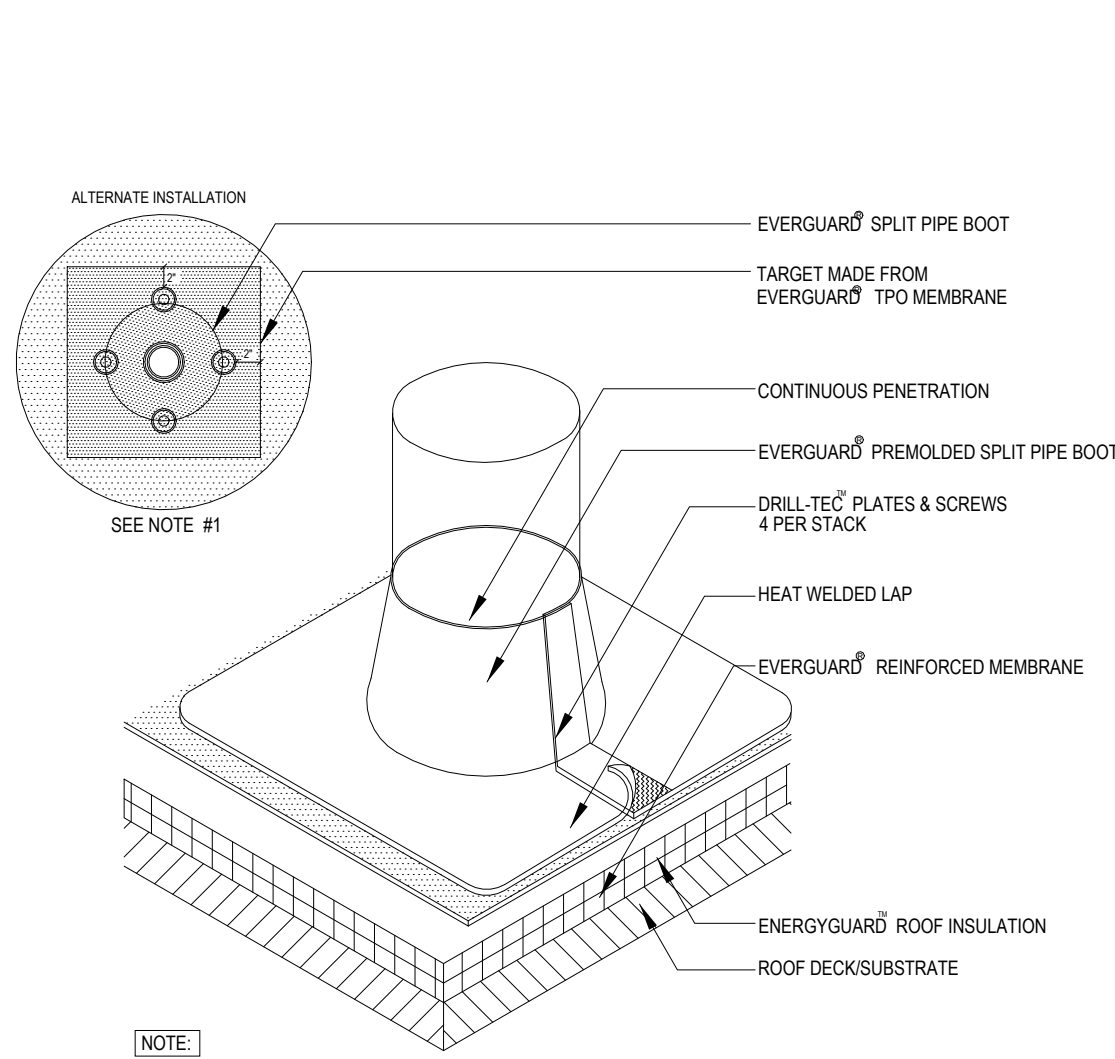
SCALE: N.T.S.



1. IF THE PLATES AND FASTENERS INTRUDE INTO BOOT FLANGE AREA, THEN A TARGET MUST FIRST BE INSTALLED OVER PLATES AND FASTENERS BEFORE BOOT INSTALLATION.
2. IF A TIGHTER FIT IS REQUIRED AT THE TOP OF THE WRAP, INSERT SLIVERS OF WALKWAY PAD BETWEEN THE BAND AND THE MEMBRANE ON ALL FOUR SIDES.
3. APPLY EVERGUARD TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO DETAIL MAFABA 115).

4 TPO - SQUARE TUBE WRAP

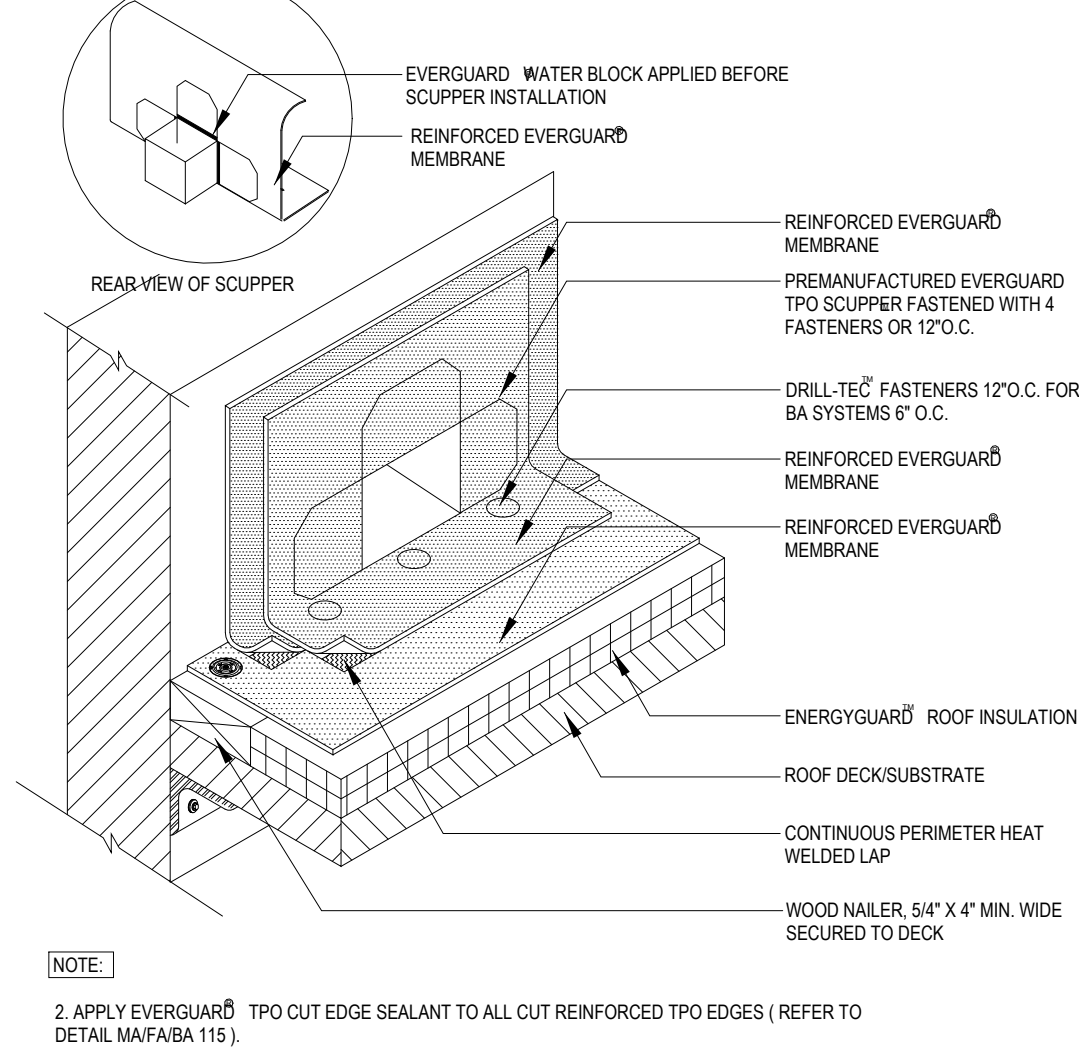
SCALE: N.T.S.



1. IF THE PLATES AND FASTENERS INTRUDE INTO BOOT FLANGE AREA, THEN A TARGET MUST FIRST BE INSTALLED OVER PLATES AND FASTENERS BEFORE BOOT INSTALLATION.
2. APPLY EVERGUARD TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO DETAIL MAFABA 115).

8 TPO - SPLIT PIPE BOOT

SCALE: N.T.S.



12 TPO - PRE-FAB. SCUPPER

SCALE: N.T.S.