



UNDERDECK DRAIN CLAMP (AS REQUIRED)

SHEET LEAD, MIN. 30" x 30"
PRIME LEAD WITH PRIMER ON BOTH SIDES, (SEE NOTES)
ROLL LEAD DOWN BOWL. (SET IN MBR UTILITY CEMENT OR MBR FLASHING CEMENT)

DRAIN STRAINER

SUMP CORNER

CLAMPING RING

CAP SHEET UNDER CLAMPING RING

SMOOTH SURFACED SBS OR APP FLASHING

SMOOTH SURFACE PLY BELOW CAP SHEET

LEAD SHEET

INSULATION TAPERED TO DRAIN

JM APPROVED DECK

RIGID INSULATION

NOTES:

1. EXTEND ALL PLIES TO EDGE OF DRAIN BOWL.
2. ASPHALT AND MBR UTILITY CEMENT NOT SHOWN FOR CLARITY
3. LEAD FLASHING SHALL BE 2.5 LBS. PER SQUARE FOOT MINIMUM.
4. IT IS ACCEPTABLE TO RUN FIELD MEMBRANE PLY THROUGH DRAIN CENTER AND OMIT TARGET SHEET IF DRAIN SUMP IS SHALLOW ENOUGH TO ALLOW INSTALLATION WITHOUT WRINKLES OR FISHMOUTHS. STEEP SUMPS WILL REQUIRE THE INSTALLATION OF A TARGET PATCH WITHIN DRAIN SUMP.
5. USE ASPHALT PRIMER ON LEAD FLANGES WHEN USING MBR UTILITY CEMENT. USE PERMAFLASH PRIMER ON LEAD FLANGES WHEN USING MBR FLASHING CEMENT.
6. PLEASE SEE BITUMINOUS FLASHING SPECIFICATIONS FOR A FULL DESCRIPTION OF INSTALLATION INSTRUCTIONS AND REQUIREMENTS WHICH ARE CONSIDERED A PART OF THIS DETAIL
7. SBS HEAT WELDED FLASHINGS CAN ONLY BE USED WITH SBS OR BUR SYSTEMS. APP HEAT WELDED FLASHINGS CAN ONLY BE USED WITH APP OR BUR SYSTEMS. (PLEASE REFER TO THE APPROPRIATE TABLE IN THE BITUMINOUS FLASHING SPECIFICATION INDICATING ACCEPTABLE FLASHING PRODUCTS FOR EACH OF THE SBS OR APP HEAT WELDED SYSTEMS.)
8. CAUTION: IMPROPER USE OF THESE MATERIALS AND APPLICATION EQUIPMENT CAN RESULT IN SEVERE BURNS, AND/ OR DAMAGE TO PROPERTY. THE MECHANIC MUST INSTALL THESE MATERIALS USING THE TECHNIQUES RECOMMENDED BY JM AND THOSE FOUND IN THE CERTIFIED ROOFING TORCH APPLICATOR (CERTA) PROGRAM AVAILABLE THROUGH THE NATIONAL ROOFING CONTRACTORS ASSOCIATION.

DRAWING NO. HW-11		METAL DRAIN		 <p>Johns Manville</p>
DRAINS & VENTS		MEMBRANE TYPE: BUR		
SCALE N.T.S	ISSUE DATE 7-7-14	MAXIMUM GUARANTEE TERM:		

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