



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)

CAP SHEET

DRAIN STRAINER

SUMP CORNER

CLAMPING RING

CAP SHEET UNDER CLAMPING RING

JM POLYESTER REINFORCED BACKER PLY

SMOOTH SURFACE PLY BELOW CAP SHEET

LEAD SHEET

INSULATION TAPERED TO DRAIN

JM APPROVED DECK

RIGID INSULATION

NOTES:

1. REFER TO JOHNS MANVILLE WEBSITE (www.jm.com) FOR MOST UP-TO-DATE INFORMATION.
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. EXTEND ALL PLIES TO EDGE OF DRAIN BOWL. NO SEAMS ARE ALLOWED THROUGH THE DRAIN.
7. ANY CARPENTRY, METAL WORK, OR MASONRY CONSTRUCTION SHOULD BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS AND/OR PROJECT SPECIFICATIONS. THESE COMPONENTS SHOULD BE REVIEWED AND APPROVED BY A LICENSED DESIGN PROFESSIONAL.
8. PLEASE SEE BITUMINOUS FLASHING SPECIFICATIONS FOR A FULL DESCRIPTION OF INSTALLATION INSTRUCTIONS AND REQUIREMENTS WHICH ARE CONSIDERED A PART OF THIS DETAIL.
9. JM POLYESTER REINFORCED BACKER PLY INCLUDES DYNABASE PR OR DYNALASTIC 180 S.

DRAWING NO.		<h1>METAL DRAIN</h1>		 <p>Johns Manville</p>
<h2>BIT-11</h2>				
DRAINS & VENTS		MEMBRANE TYPE:	<p>Johns Manville is a manufacturer of commercial roofing products and offers this general conceptual information to you as a courtesy. This complimentary assistance is not to be used or relied upon by anyone as a substitute for professional engineering design and documentation required by building code, contract, or applicable law. By accepting these comments you agree they do not constitute any representations, endorsements of, or an assumption by Johns Manville of any liability for either the adequacy of the design of this building or any other material not supplied by Johns Manville.</p>	
SCALE	ISSUE DATE	MAXIMUM GUARANTEE TERM:		
N.T.S	02-11-19			