

# MODEL MB3-7FC FLOATING METAL BUILDING ROOF CURB SYSTEM

**SPECIFICATIONS:**

18 GAUGE ALUMINIZED STEEL OUTER CURB  
8" MIN HEIGHT & 6" LARGER THAN INNER CURB

14 GA STEEL INNER STRUCTURAL CURB  
10" MINIMUM HEIGHT

PITCHED TO PROVIDE A LEVEL TOP  
SURFACE WHERE SPECIFIED

1-1/2" WIDE TOP FLANGES

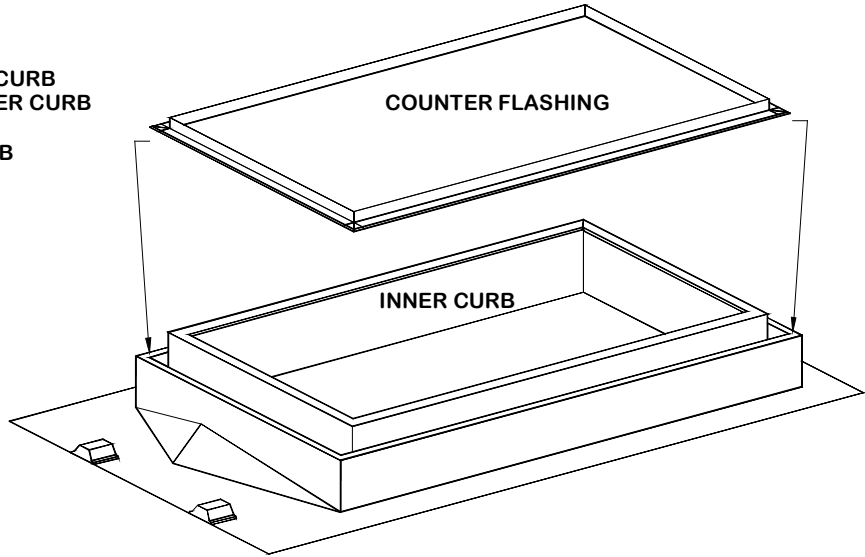
ALL WELDED CONSTRUCTION  
CORNERS MITERED AND WELDED

UPSLOPE FLANGE WITH "UNDER"  
CONTOURS AND A WATER DIVERTER

DOWNSLOPE WITH "OVER" CONTOURS

COUNTER FLASHING FOR INNER CURB

1" RIGID R7.2 INSULATION



**OPTIONS:**

- 14 GAUGE ALUMINIZED STEEL
- 16 GAUGE ALUMINIZED STEEL
- 0.080" ALUMINUM

**POWDER COAT FINISH -**

- WHITE
- CUSTOM COLOR
- SPECIAL HEIGHT

DAMPER SHELF/DUCT SUPPORTS

INSIDE OR OUTSIDE INSULATION LINER

SPECIAL RIB PLACEMENT

**WIDE FLANGES**

- UPSLOPE
- SIDE
- DOWNSLOPE

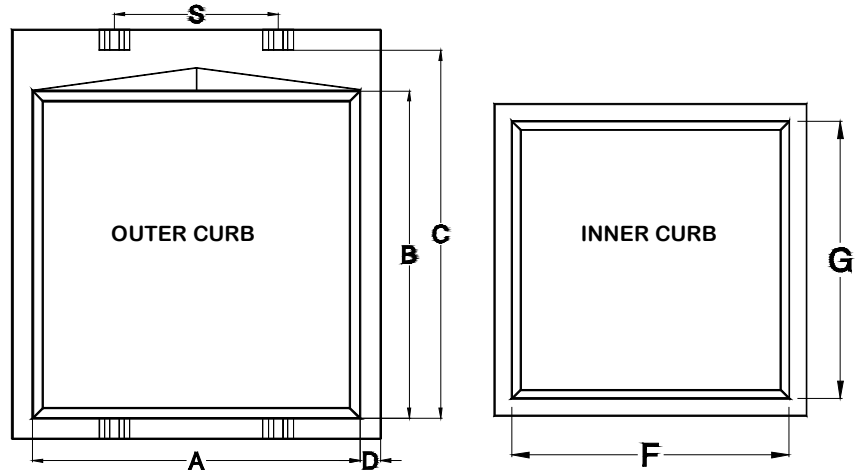
TOP COVER

TOP FLANGE BROKEN OUT

DIVERTER IN LIEU OF CRICKET

SUB FRAMING

2-1/2" WIDE MASTIC



**CURB SCHEDULE**

MARK	A	B	S	F	G	QTY
ROOF PANEL MFG			PANEL MODEL		PITCH	

PROJECT \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
 DATE \_\_\_\_\_

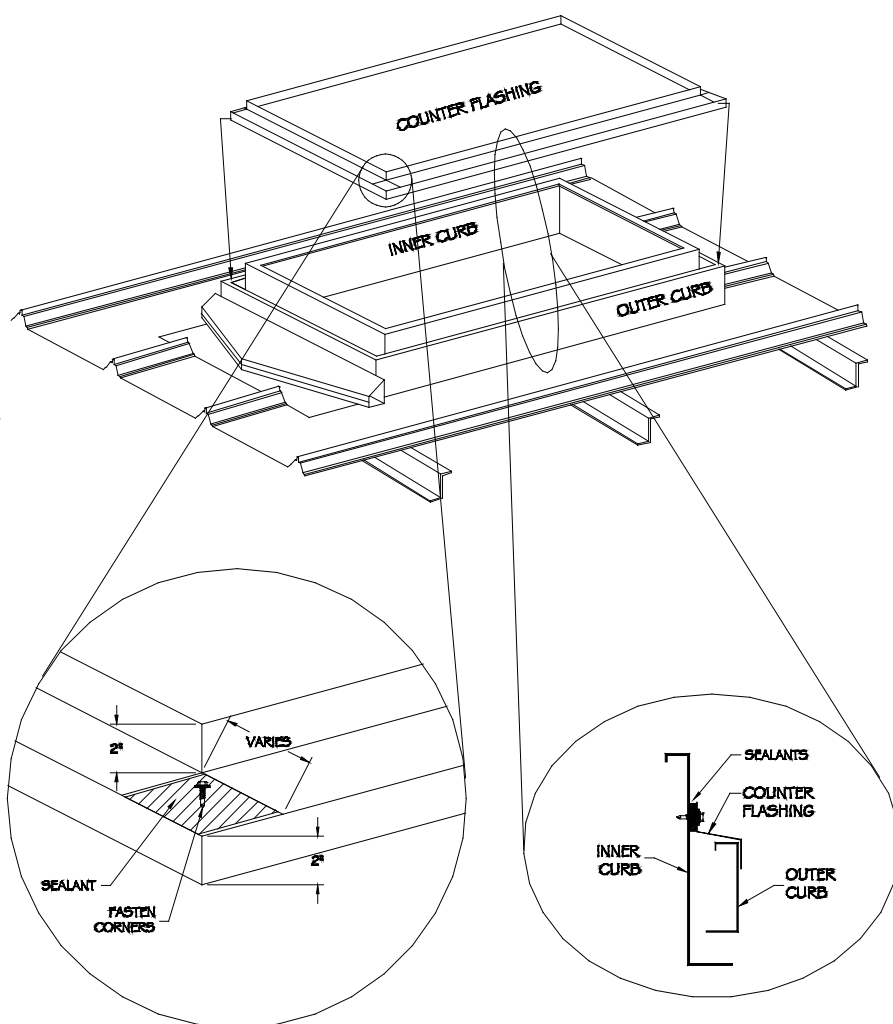
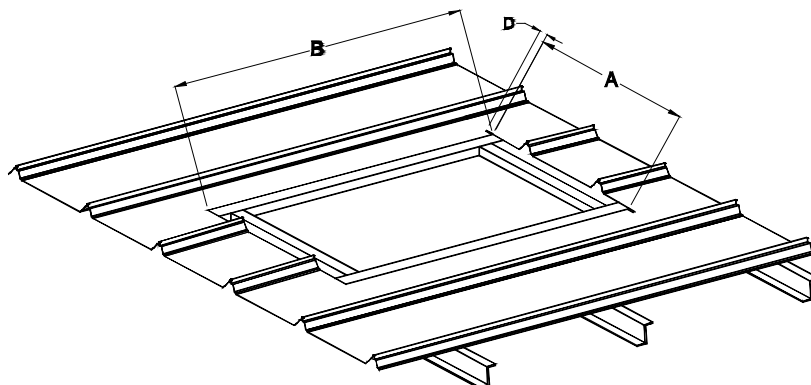
CONTRACTOR \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_  
 DATE APPROVED \_\_\_\_\_

## R & S MANUFACTURING AND SALES COMPANY, INC.

3575 Old Conejo Road, NEWBURY PARK, CA 91320  
 PHONE 805-375-3980 FAX 805-375-3981

## MODEL MB3-7FC & MB4-8FC INSTALLATION DETAILS

1. On a fully sheeted roof, mark centerline of roof opening.
2. Use centerline of major rib as a guide and lay out roof opening to match the curb "A", "C", & "D" dimensions.
3. Cut roof opening per building manufacturer's recommendations. Slit upslope edges of rough opening ("D") for side flange clearance at transition point.
4. Install structural support framing for inner curb with equipment loads and outer flashing curb. Keep inside dimension clear. A minimum of two parallel curb walls should be supported. Avoid cantilever sections in excess of 12".
5. Apply mastic or sealant tape at points where curb meets roof panel. Apply to roof panel at curb side, and downslope flanges. Apply to curb upslope flange. Use only accessories as recommended by the building manufacturer.
6. Press curb into place on the roof panel. Upslope flange goes under roof panel; sides and downslope over roof panel.
7. Fasten the inner curb to support structure through curb flange and roof panel using fasteners compatible with the roof system. Use a minimum of four fasteners per side on maximum 4" centers. Miter the corners of the counter-flashing to insure weather tightness. Install counter flashing to inner curb and seal as shown at right.
8. Check tightness of fasteners and general integrity of installation. Caulk perimeter edge of curb flanges to roof panel.



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