

METAL BUILDING ROOF CURB

MODEL MB7-SC & MB8-SC

SPECIFICATIONS:

18 GAUGE ALUMINIZED STEEL

PITCHED TO PROVIDE A LEVEL TOP SURFACE WHERE SPECIFIED

8" MINIMUM CURB HEIGHT

1-1/2" WIDE TOP FLANGES

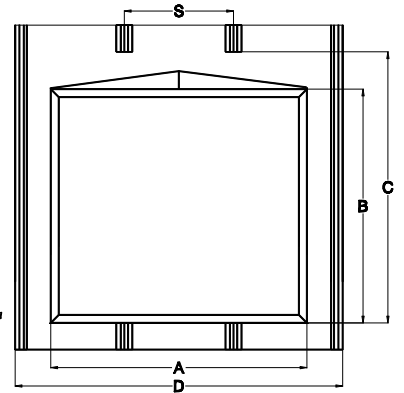
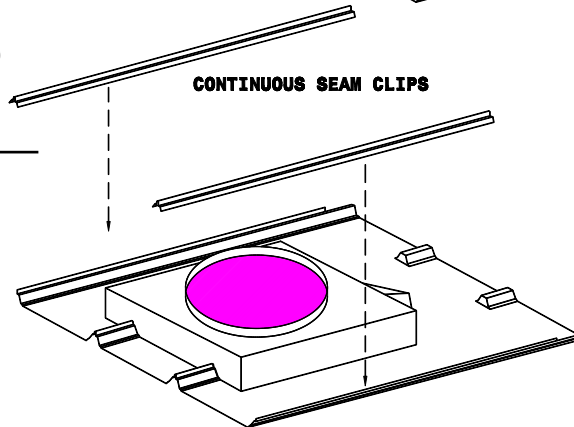
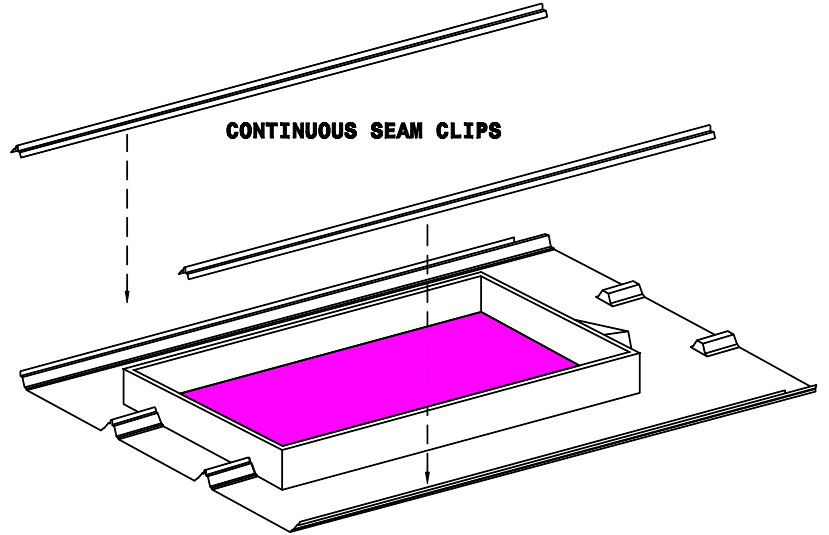
ALL WELDED CONSTRUCTION
CORNERS MITERED AND WELDED

UPSLOPE FLANGE WITH "UNDER" CONTOURS AND WATER DIVERTER

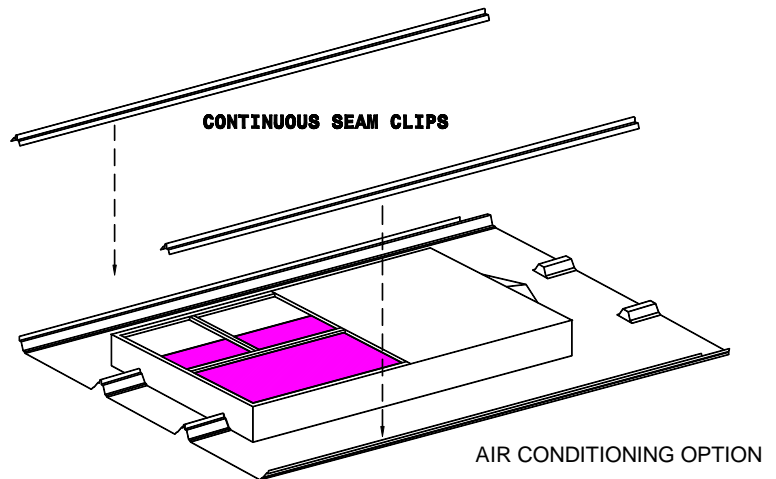
DOWNSLOPE WITH "OVER" CONTOURS

SIDE FLANGES SEAM INTO ROOF PANEL
CONTINUOUS SEAM CLIPS SHIPPED LOOSE.

1" RIGID R7.2 INSULATION (MB7 ONLY)



COLLAR TOP OPTION



AIR CONDITIONING OPTION

OPTIONS:

- 14 GAUGE ALUMINIZED STEEL
- 16 GAUGE ALUMINIZED STEEL
- .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
- DOWNSLOPE

- TOP COVER/COLLAR TOP
- TOP FLANGE BROKEN OUT
- SPLICED CURB (2 PIECES)
- SUB FRAMING
- 2-1/2" WIDE MASTIC

Project

Location

Date

Contractor

Approved By

Date Approved

INSTALLATION INSTRUCTIONS

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1. On a fully sheeted roof, mark centerline of roof opening.
2. Use centerline of roof panel as a guide and lay out roof opening to match the curb C & D dimensions.
3. Cut roof opening per building manufacturer's recommendations.
4. Install structural support framing for curb and equipment loads. 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 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; downslope over roof panel.
7. Fasten the curb to support structure through curb up and downslope flanges and roof panel using fasteners compatible with the roof system. Use a minimum of four fasteners per side on maximum 4" centers.
8. Crimp roof panel seams over or against vertical ends of curb side panels to provide clearance for seam clips. Apply mastic and sealants to sides where seam clips are placed. Fasten seam clips with a minimum of four fasteners per side on maximum 4" centers.
9. Check tightness of fasteners and general integrity of installation. Caulk perimeter edges of curb flanges to roof panel.

