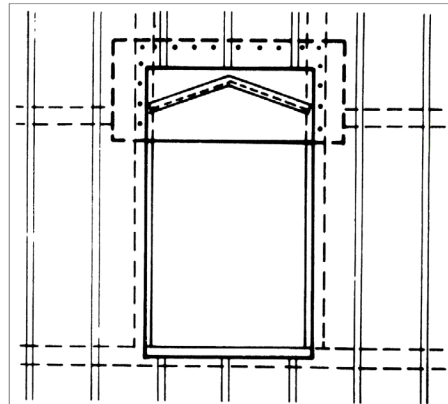
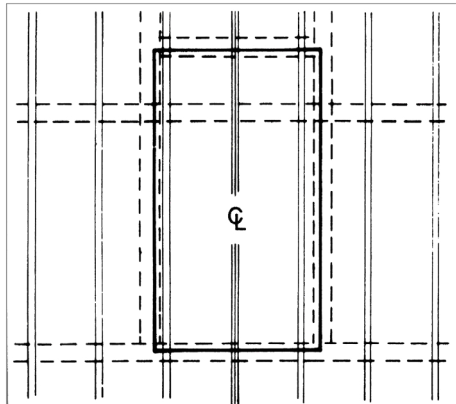
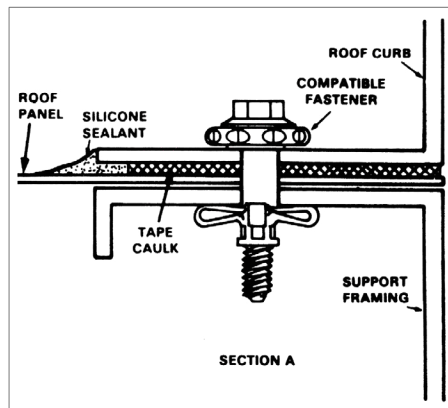
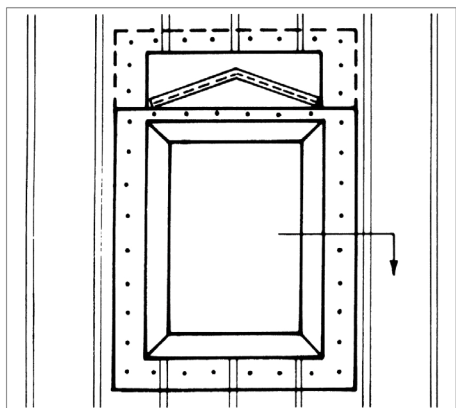


MP-RC1: INSTALL INSTRUCTIONS

TWO PIECE CONSTRUCTION TO BE INSTALLED ON COMPLETED ROOF DECK



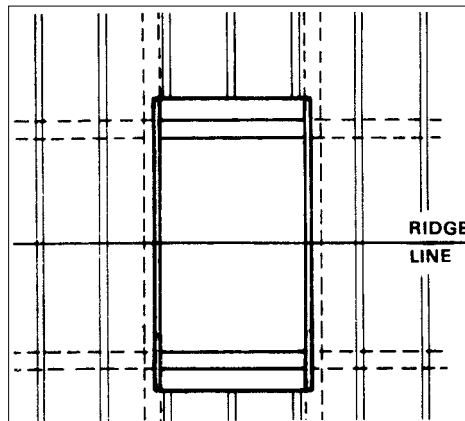
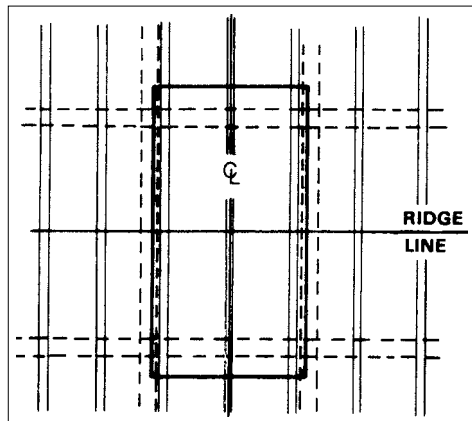
- A**
1. Using curb ribs as a guide, layout and mark roof openings on completed roof deck as outside curb width by outside curb length plus 9" for diverter plate.
 2. Cut openings in roof panel and install support framing for roof curb and equipment loads. Support at least two parallel curb walls. Avoid cantilever sections over 1' in length.
- B**
3. Apply wide tape caulk to diverter plate top sides and upper edge.
 4. Align diverter plate ribs with roof deck ribs and slide diverter plate beneath roof panel.
 5. Fasten diverter plate to roof panel and sub-framing using suitable fasteners compatible with roof system. A minimum of four fasteners per side spaced on 3" centers or less as roof system permits. Fasteners should withstand a minimum pullout force of 150# each.



- C**
6. Apply continuous tape caulk at least 2-1/2" wide around remaining roof opening.
 7. Position curb so that corrugation on curb flanges mate on top of corresponding corrugations of roof panel on eave side of opening.
 8. Fasten curb to roof panel and diverter plate in accordance with step 5.
- D**
9. Inspect all joints and fasteners in curb flanges. Caulk diverter plate and roof curb flanges to seal out moisture.
 10. Apply a closed cell neoprene strip to top rail of roof curb before setting a rooftop unit. Equipment should be fastened directly to curb wall using compatible fasteners.

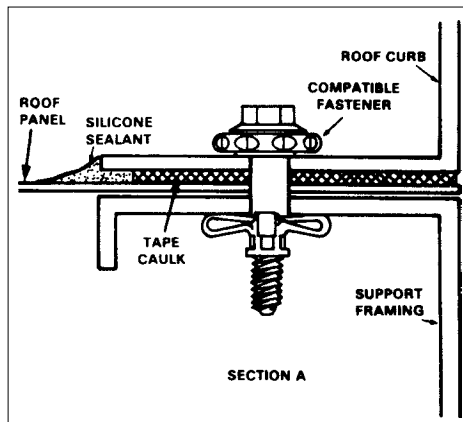
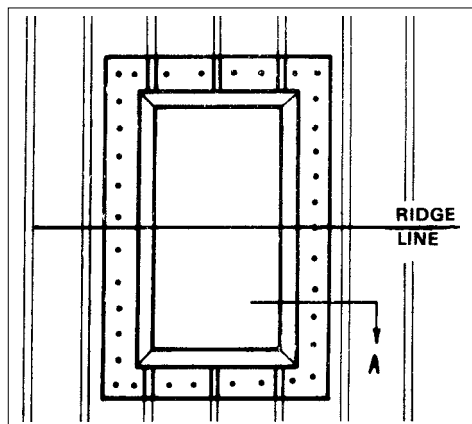
MP-RC2: INSTALL INSTRUCTIONS

FOR INSTALLATION OVER ROOF PANELS



- A**
1. On fully sheeted roof, locate and mark center line of roof opening on ridge.
 2. Using distance from center line to major ribs as a guide, layout and mark roof opening to curb inside dimensions.

- B**
3. Cut out roof opening to I.D. of curb, plus an additional 1-1/2" of the major ribs on the eave sides of the opening to allow the curb to seal to flat of roof deck.
 4. Install structural support framing for roof curb and equipment loads beneath roof curb and equipment loads beneath roof curb walls and flanges around opening. Keep I.D. clear.



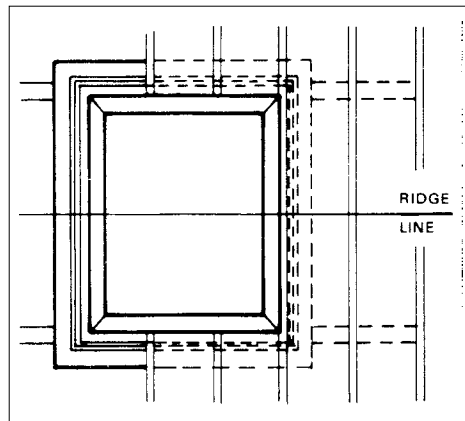
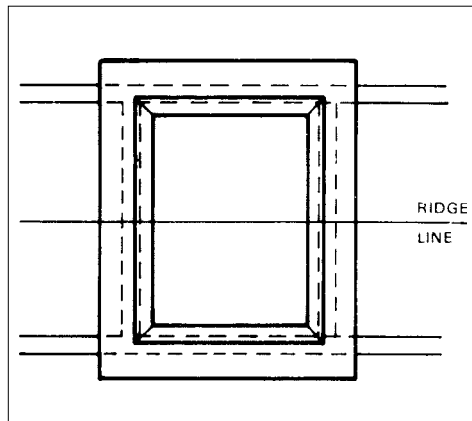
- C**
5. Turn roof curb upside down and apply tape caulk to curb flanges.
 6. Press the curb in place on the roof deck. Fasten curb to support steel through curb flange and roof deck using suitable fasteners compatible with roof system. A minimum of four fasteners per side spaced on 3" centers or less as roof system permits. Fasteners should withstand a minimum pullout force of 150# each.

- D**
7. Seal edge of roof curb flange with silicone caulk to assure watertight weather seal.
 8. Apply a closed cell neoprene strip to top rail of roof curb before setting a rooftop unit. Equipment should be fastened directly to curb wall using compatible fasteners.

MP-RC3: INSTALL INSTRUCTIONS

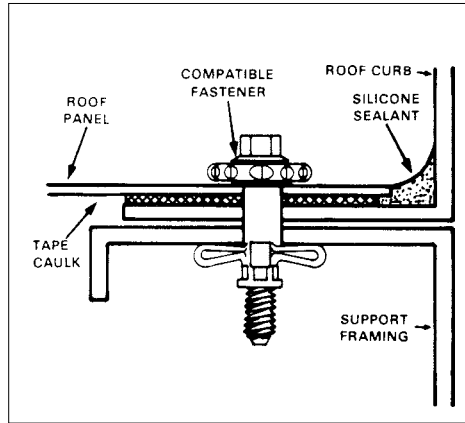
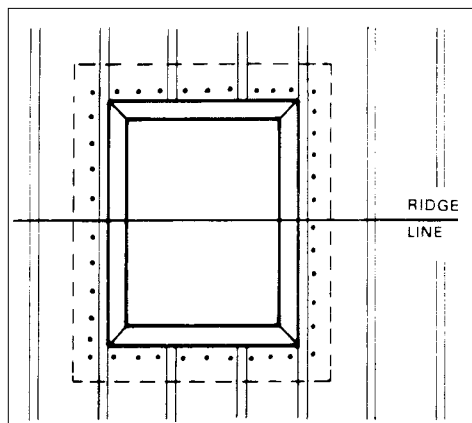
RIDGE MOUNT ROOF CURBS

(To be installed beneath roof deck)



- A**
1. After building framing is complete, locate roof opening and install support framing for roof curb and equipment loads.
 2. Set and secure roof curb in place on support framing. At least two parallel curb walls must be on support framing. Loads shall not be supported by a cantilever section exceeding 1' in length.

- B**
3. Cut roof panels to fit snugly around curb walls.
 4. Apply a wide band of tape caulk to top side of curb flanges.
 5. Install and seal closure strips as required. Press roof panels into position.

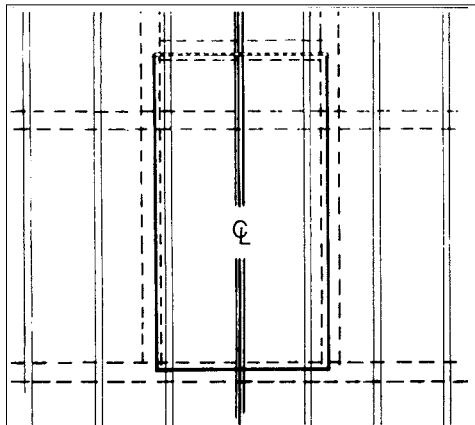


- C**
6. Fasten roof panel through curb flanges to support steel using suitable fasteners compatible with roof system. A minimum of four fasteners per side spaced on 3" centers or less as roof system permits. Fasteners should withstand a minimum pullout force of 150# each.

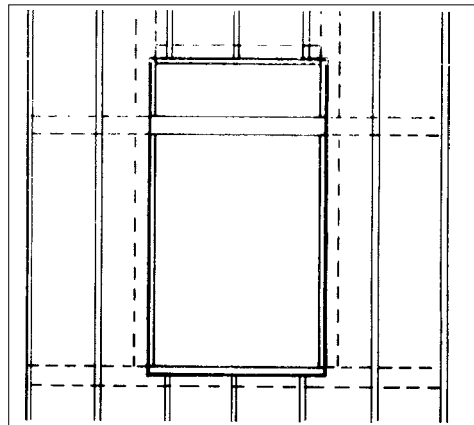
- D**
7. Inspect installation and fasteners. Apply silicone sealant to seal seams around all sides of curb to assure a watertight seal.
 8. Apply a closed cell neoprene strip to top rail of roof curb before setting a rooftop unit. Equipment should be fastened directly to curb wall using compatible fasteners.

MP-RC4: INSTALL INSTRUCTIONS

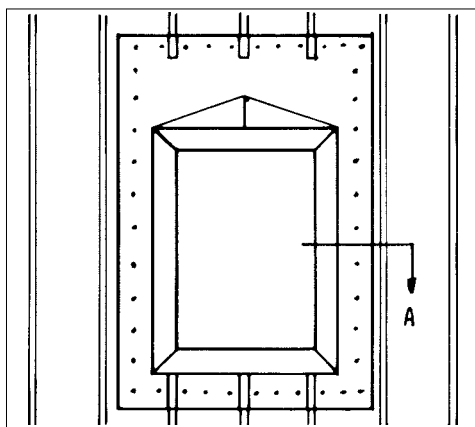
FOR INSTALLATION OVER ROOF PANELS



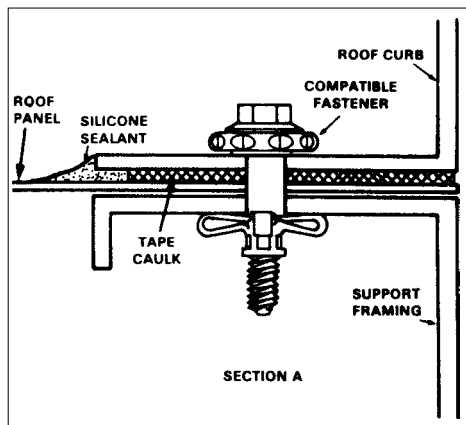
- A**
1. On fully sheeted roof, locate and mark center line of roof opening.
 2. Using distance from center line to major ribs as guide, layout and mark roof opening to curb outside dimensions.



- B**
3. Cut out roof opening to O.D. of curb, plus an additional 6" of the major ribs on the ridge side of the opening to allow the curb's water diverter area to seal to flat of roof deck.
 4. Install structural support framing for roof curb and equipment loads beneath roof curb walls and flanges around opening. Keep I.D. clear.



- C**
5. Turn roof curb upside down and apply tape caulk to curb flanges.
 6. Press the curb in place on the roof deck. Fasten curb to support steel through curb flange and roof deck using suitable fasteners compatible with roof system. A minimum of four fasteners per side spaced on 3" centers or less as roof system permits. Fasteners should withstand a minimum pullout force of 150# each.

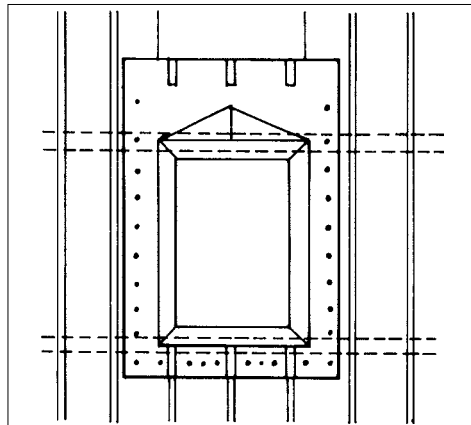
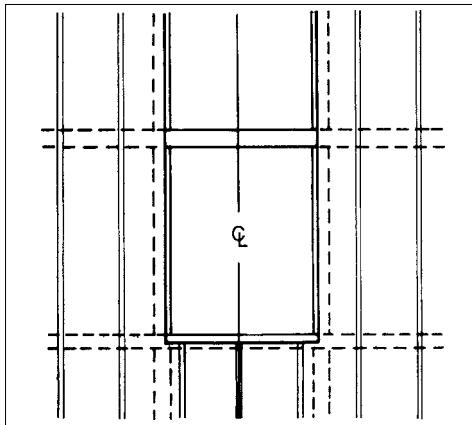


- D**
7. Seal edge of roof curb flange with silicone caulk to assure watertight weather seal.
 8. Apply a closed cell neoprene strip to top rail of roof curb before setting a rooftop unit. Equipment should be fastened directly to curb wall using compatible fasteners.

MP-RC5: INSTALL INSTRUCTIONS

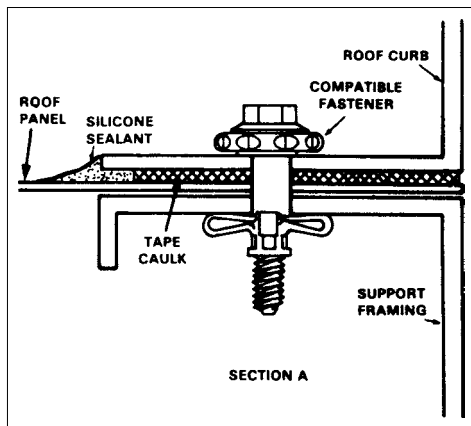
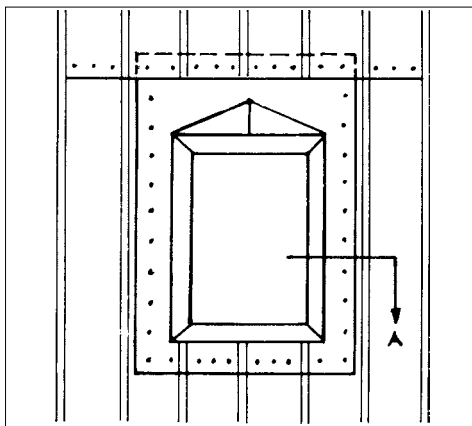
ONE PIECE CONSTRUCTION

(Must be installed as deck is being laid)



- A**
1. As roof sheets are being installed, locate roof curb opening and install support framing for roof curb and equipment loads. Support at least two parallel curb walls. Avoid cantilever sections over 1' in length.
 2. Trim and install panels on the left, right and below (eave side) of roof opening. Take care to keep area of curb I.D. clear.
 3. Apply tape caulk to roof deck around roof opening, 2" from edge of opening.

- B**
4. Set curb in place and press flanges into mastic. Curb should be secured through roof deck to sub-framing using suitable fasteners compatible with roof system. A minimum of four fasteners per side spaced on 3" centers or less as roof system permits. Fasteners should withstand a minimum pullout force of 150# each.



- C**
5. Apply sealant tape to leading edge of curb flange and press ridge side roof panels into position over flange and corrugation closure ribs. Seam roof panels and secure through curb flange into support steel as in step 4. Seal end of corrugation to pre-formed metal rib to prevent capillary action of moisture.

- D**
6. Check tightness of fasteners and curb installation, caulk perimeter edge of curb and flanges of roof panel to seal moisture out.
 7. Apply a closed cell neoprene strip to top rail of roof curb before setting a rooftop unit. Equipment should be fastened directly to curb wall using compatible fasteners.

MP-RC6: INSTALL INSTRUCTIONS

SLOPE MOUNT ROOF CURB

