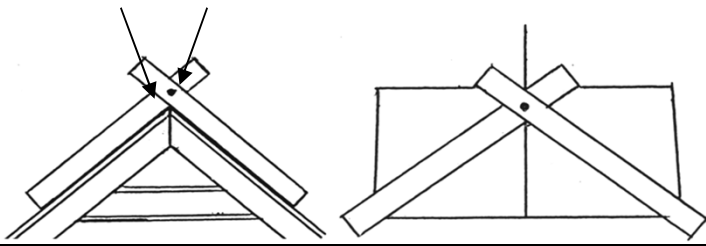


OCTAGON CUPOLA INSTALLATION INSTRUCTIONS

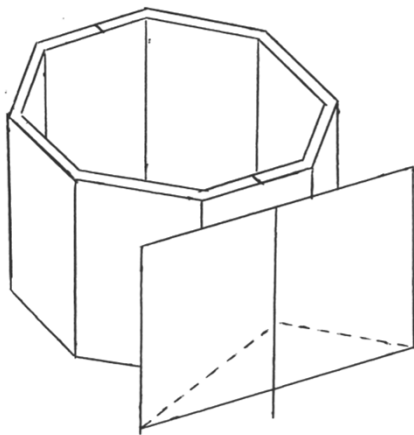
g.)

MARKS



1. Determine Your Roof Pitch

Screw two boards together so they pivot. Straddle the roof with each board as shown, making sure each side is flat against the roof and the center is at the center of the peak. Mark the boards & apply another screw. This becomes your cutting template. Cut a piece of cardboard the size of your cupola base. (Example: If your cupola measures 42" wide from flat side to flat side and is 17" high, the cardboard should be cut at 17" x 42".)



2. Mark the Cupola Base

Draw a centerline on the cardboard template. Using your cutting template, make a line from each corner to the centerline. This will be your cutting line. Start cuts at corners and end at center. After marking and cutting the cardboard, line up the centerline with a center mark on the two opposing sides of your cupola base and trace the cutout lines. Now connect these marks with the corners of the adjacent base panels. Your base should now be ready to cut.

Note: For mounting on a metal roof you may need to cut your cupola base to fit down over the metal ribs or seams.

3. Prepare Roof - Decorative (Recommended)

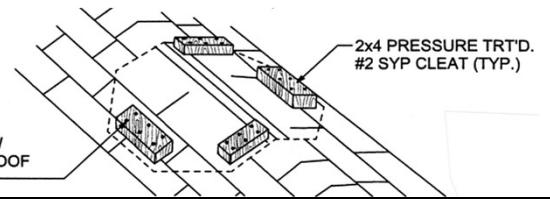
There is no preparation necessary to your roof if your cupola is to be installed for decoration only. (Recommended) If a ridge vent is present then cut out your cupola base to fit around the ridge vent, or remove the ridge vent where you cupola will sit and replace with cap shingles.

Prepare Roof - Ventilation or accessibility

If your cupola will be used for ventilation or accessibility, cut an opening in the roof, leaving a 5"- 6" minimum around the inside perimeter of the cupola base, making sure to leave shingles or other roofing material intact inside cupola base. (Additional flashing or caulking must be used as illustrated in step #5)

Cut shingles & sheathing only. Do not cut ridge or rafters.

(6) #8 x 3" WOOD SCREW
TO ATTACH CLEAT TO ROOF
SHEATHING (TYP.)

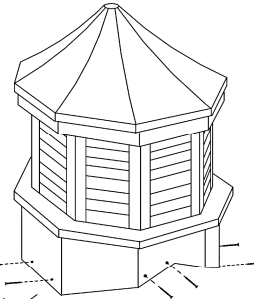


4. Position

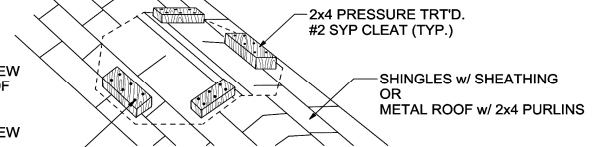
Position pieces of 2x4s on sides (shown) to be snug against the inside walls of the cupola base. Screw them into the roof.

Note: For cupolas 60" and larger it is recommended to install additional curbing - support on the inside of the cupola base.

(2) #8 x 2" WOOD SCREW
SPACED 3" APART AT
EACH CLEAT LOCATION (TYP.)



USE (6) #8 x 3" WOOD SCREW
TO ATTACH CLEAT TO ROOF
SHEATHING BELOW
OR
USE (4) #8 x 3" WOOD SCREW
TO ATTACH CLEAT TO
PURLIN/SOLID BLOCKING BELOW



CUPOLA TO ROOF ATTACHMENT

5. Mounting & Assembly

Attach the base to the 2x4s. Once the base is secured to the roof, use silicone caulk to seal the sides of the base sections. Leave an area in the 2 lower edges unsealed to allow any water to drain. Now attach the mid-section to the base, and the top to the mid-section using the screws (provided) in the pre-drilled holes. Apply silicone caulk to all exposed screw heads.

Note: When mounting for Ventilation or Accessibility you will want to apply roofing sealant & flashing to seal the sides of the cupola base to the roof. Leave an area in the 2 lower sides unsealed to allow any water to drain. Also apply a bead of caulk to the top edge of the cupola base before attaching the mid-section.

For more details on curb framing & flashing details, watch the videos by visiting our YouTube channel at:

www.youtube.com/royalcrowneoutdooraccents

or visit our website at: www.RoyalCrowne.com

Optional
Framing

