

Ceiling Dome

Installation Tips

Step 1: Preparing the Ceiling

Dome with rim: Invert dome and trace on ceiling. Measure in 2" from traced circle and draw cut line.
 Dome without rim: Invert dome, trace on ceiling.

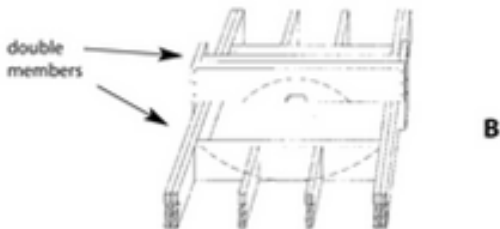
Step 2: Cutting Rough Opening

Frame and Wallboard Construction

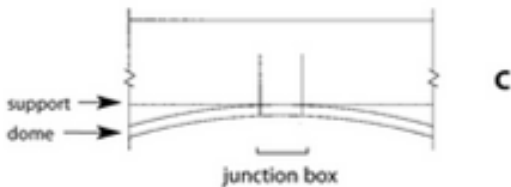
Cut through wallboard and remove necessary joists.



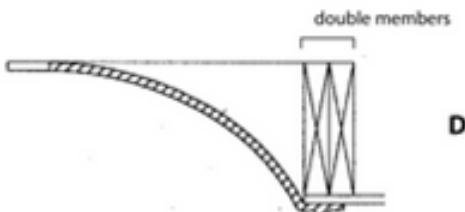
Add members as needed for support.
 Double members on each side.



Over the top (to hold electrical box).



Perpendicular to ceiling joists for support.



Lay-in or Suspended Ceiling Installation

Cut through acoustical tiles and metal framework using a hacksaw. After installation, the acoustical tiles will rest on the edge of the dome and the metal framework.



Step 3: Installing the Dome

Sand dome surface. Drill hole for light fixture if necessary:

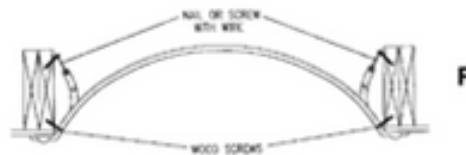
- hole 1/2" or smaller: metal cutting twist drill bit, cut from the front
 - hole 1/2" - 2": metal cutting hole saw, cut from the front.
 - holes larger than above: cut with a reciprocating saw (jig or sabre) from the back.
- Lighting fixtures are supported by the framing, not by the dome.

Frame and Wallboard Construction

Thread wire through the metal straps on the back of the dome.

Attach wires tightly to the overhead joist using screws.

Note: if you have to drill through the dome, refill holes with Bondo or fiberglass repair kit and sand.



Lay-in or Suspended Ceiling Construction

Thread wire through the metal straps on the back of the dome. Attach dome wires to the suspended ceiling wires.

Step 4: Finishing Touches

Sand surface of dome, use high quality paint. Caulk where dome meets the ceiling. For rimless domes, standard drywall finishing techniques apply.