Exterior dome surface is .063" thick 3003 H14 aluminum. The eight 45 degree radial sections are a shop assembly of five 9 degree radial sections.

Shop joint, continuous fusion weld

Field assembly joint, 3/16" x 4" Aluminum 3003 alloy bolted with 1/4-20 x 1" stainless steel bolts typical 7 places.

Top shutter track and tubes

Dome ring splice, Typical 7 places.

Clear swing radius, shutters in closed position

Clear swing radius, shutters in open position

Bottom shutter track and tubes

Closed shutter width

Slitframe opening

Clearance from zenith to front of track

4 Meter Observa-Dome Plan View

June 17, 2002

OBD 4 101

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Scale 1:30