



3 Meter Intermediate Series Component Schematic

Legend:

1. Dome Skin Shell
2. Dome Shutters
3. Dome Ring
4. Shutter Tracks
5. Dome Skirt
6. Base Ring
7. Vertical Casters
8. Horizontal Casters w/Holddowns
9. Azimuth Drive Assy
10. Manual Shutter Actuation Handle
11. Curb Wall (By Others)

Specifications:

- All exposed exterior surfaces: Aluminum
- All structural rings, tracks etc.: Steel
- Outside Dome Ring ϕ : 118.125"
- Outside Base Ring ϕ : 115.125"
- Clear Shutter Opening: 36"

Notes:

- Available with Automated or Manually Actuated Shutters. (Manually Actuated Shown)
- Dome Shell/Shutters may be Painted or otherwise Protectively Coated.
- In lieu of the fixed base angle ring, a flat roof adapter or matching cylindrical base can be provided.



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|-------------|----------------------|--------------------------------------|-----------|------|--------------------------------------|
| | | UNLESS OTHERWISE SPECIFIED: | NAME | DATE | Observa-DOME Labs, Inc. |
| | | DIMENSIONS ARE IN INCHES | DRAWN | JE | |
| | | TOLERANCES: | CHECKED | JM | 04.23.18 |
| | | FRACTIONAL \pm | ENG APPR. | RC | 04.24.18 |
| | | ANGULAR: MACH \pm BEND \pm | MFG APPR. | | |
| | | TWO PLACE DECIMAL \pm | Q.A. | | |
| | | THREE PLACE DECIMAL \pm | COMMENTS: | | |
| | | INTERPRET GEOMETRIC TOLERANCING PER: | | | |
| | | MATERIAL | | | |
| | | FINISH | | | |
| NEXT ASSY | USED ON | | | | SIZE DWG. NO. REV |
| | | | | | B 3M Int Dome Assy CoverSheet |
| APPLICATION | DO NOT SCALE DRAWING | | | | SCALE: 1:384 WEIGHT: SHEET 1 OF 1 |