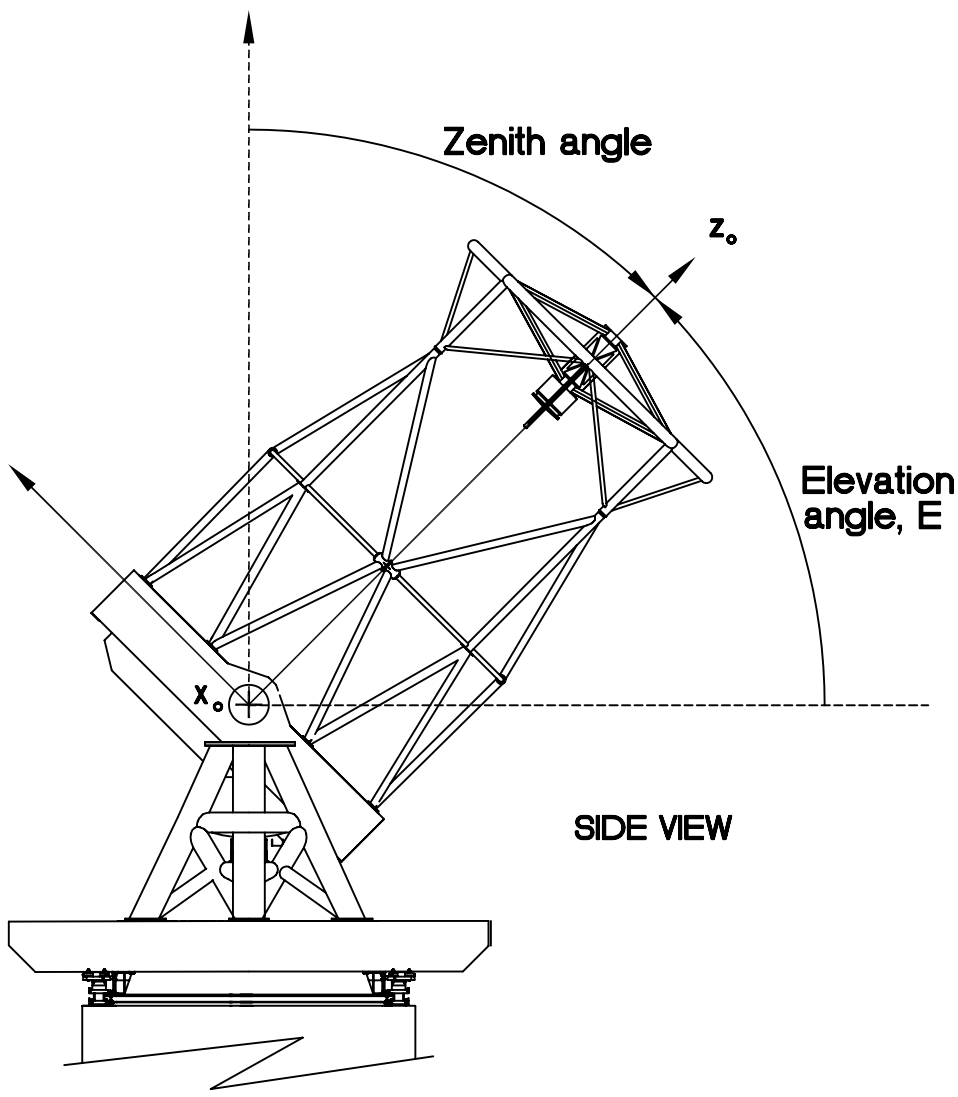
| REV | DESCRIPTION | DATE | APPROVED |
|---|---|---|---|
| B | Note added @3G | 7/25/95 | |

Zenith



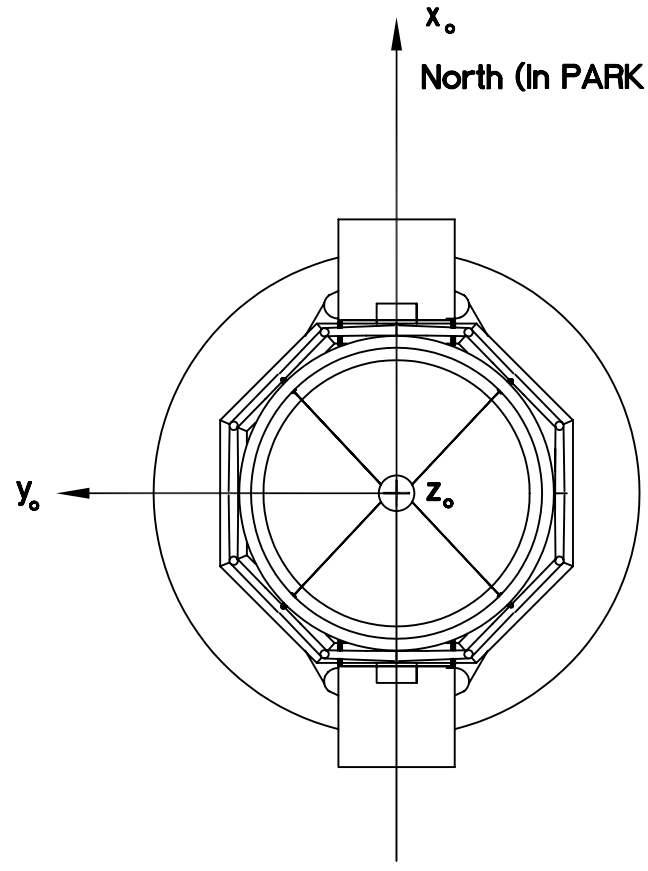

SIDE VIEW

Note:
Center section gantry located on $y_o$ side.

OSS (Optical support structure)
Elevation axis rotation.

$x_o$

North (In PARK position)




TOP VIEW

Origin: Intersection of azimuth and elevation axes

| DWG NO. | SH | REV |
|---|---|---|

| -1 QTY | ITEM NO. | PART OR IDENTIFYING NUMBER | NOMENCLATURE OR DESCRIPTION | PROCUREMENT SPECIFICATION | NOTES |
|---|---|---|---|---|---|

PARTS LIST

UNLESS OTHERWISE SPECIFIED
- DIMENSIONS ARE IN MILLIMETERS
- SURFACE FINISH:
- TOLERANCES: DECIMALS .X = ±0.5 .XX = ±0.2 ANGLES: ±1°
- INTERPRETATION OF GEOMETRIC TOLERANCING PER:
- MACHINED EDGES NOT TO HAVE SHARP CORNERS
- REMOVE ALL BURRS AND SHARP EDGES
- RUNOUT ADJACENT MACHINED COAXIAL DIA 0.25 FIM
- INSPECTION OF SCREW THREADS IS PER MIL-STD-1916, LEVEL 1

HOLE TOLERANCES

| | | |
|---|---|---|
| .33 THRU | +.10 -.03 | 8.38 THRU |
| .5 THRU | +.13 -.03 | 12.70 THRU |
| 12.71 THRU | +.20 -.03 | 19.06 THRU |
| 19.05 | +.25 -.03 | 25.41 THRU |
| | | 50.80 |

| DRAWN | DATE |
|---|---|
| G J Pentland | 7/25/95 |
| CHK | |
| ENG | |
| APVD | |
| QA | |
| CONTRACT | |
| RELEASE | |

GEMINI 8-M Telescopes Project
Operated by the Association of Universities for Research in Astronomy, Inc. (AURA) under cooperative agreement with the National Science Foundation

Optical support structure coordinate system

| SIZE | DWG NO. | REV |
|---|---|---|
| E | 90-GP-0001-0023 | B |
| SCALE NTS | SHEET 1 | of 1 |

| NEXT ASSY | USED ON |
|---|---|
| APPLICATION | |