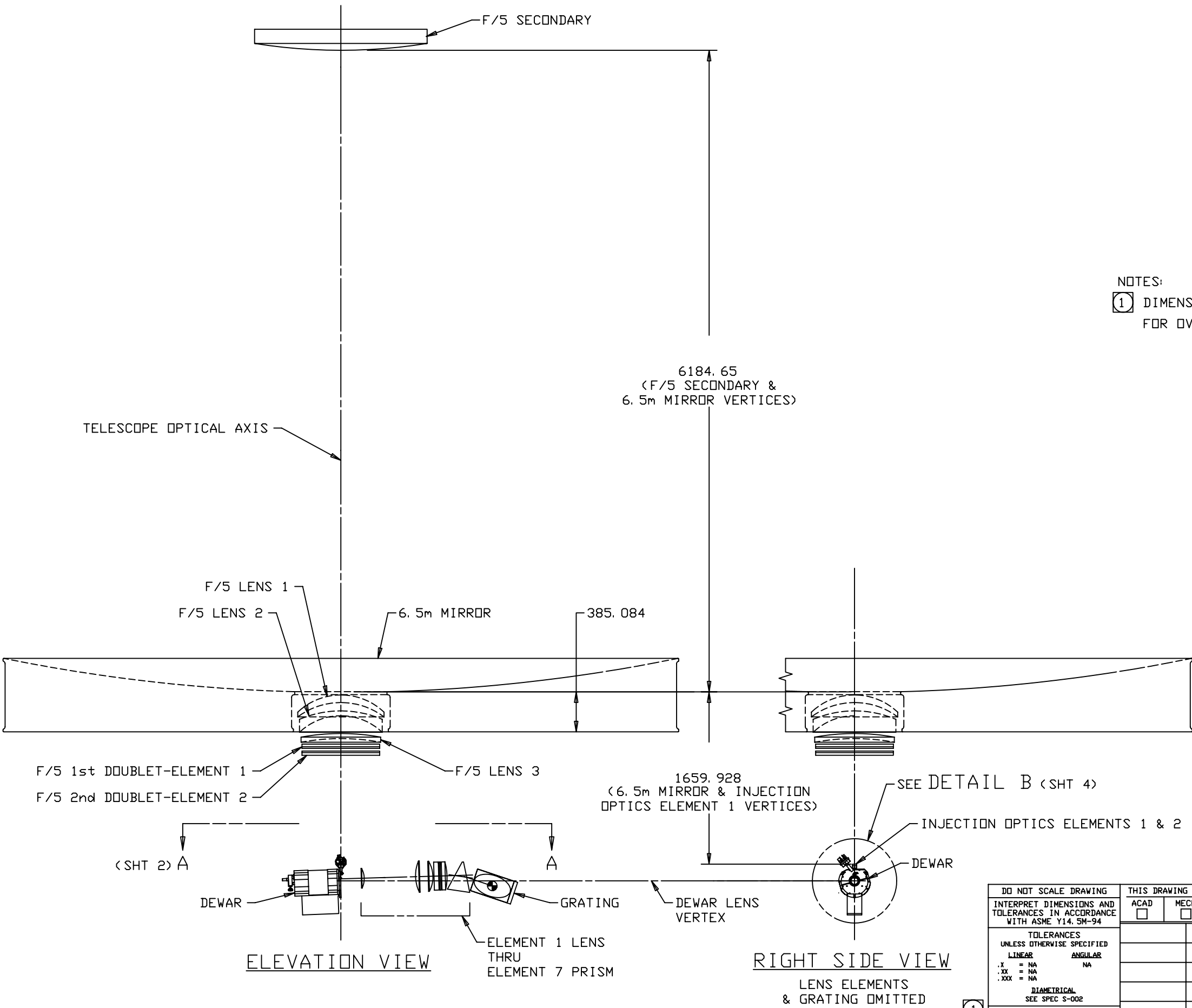


| REVISIONS |  |         |            |          |
|-----------|--|---------|------------|----------|
| LTR       | DESCRIPTION  | DATE    | REVISED BY | APPROVED |
| A         | INITIAL RELEASE  | 4/29/03 | R. NAGY    | M. REED  |
| B         | RELOCATED DEWAR, GUIDE CAMERA, FOLD MIRROR & INJ OPTICS; ADDED DETECTORS; ASSIGNED PNs TO INJ OPTICS | 6/24/03 | R. NAGY    | M. REED  |
| C         | VARIOUS ITEMS MOVED AND/OR REDESIGNED; ALL VIEWS REVISED; DIMS CHANGED IN DETs B & F                 | 3/11/04 | R. NAGY    | M. REED  |



NOTES:  
 ① DIMENSIONS ARE IN MILLIMETERS.  
 FOR OVERALL TOLERANCES, SEE 12904 OPTICAL PRESCRIPTION TOLERANCES.

|   |   |                          |                          |   |                                 |                 |                          |
|---|---|--------------------------|--------------------------|---|---------------------------------|-----------------|--------------------------|
| DO NOT SCALE DRAWING  |   | THIS DRAWING CREATED IN: |                          | Steward Observatory, University of Arizona<br>933 N. Cherry Avenue, Tucson, AZ 85721 (520)621-7659                                      |                                 |                 |                          |
| INTERPRET DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-94 |   | ACAD                     | MECH                     | IDEAS   | DESIGNED BY:<br>M. REED/D. DEAN | DATE:<br>4/2/03 | CATEGORY:<br>MMT         |
| TOLERANCES UNLESS OTHERWISE SPECIFIED                                 |   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/>   | DRAWN BY:<br>R. NAGY            | 4/9/03          | PROJECT:<br>MAESTRO      |
| LINEAR  |   |                          |                          | CHECKED BY:<br>D. DEAN/M. REED  |                                 | 4/29/03         | TITLE:<br>OPTICAL SYSTEM |
| ANGULAR   |   |                          |                          | APPROVED:<br>M. REED  |                                 | 4/29/03         |                          |
| .X = NA   |   |                          |                          | APPROVED:   |                                 |                 |                          |
| .XX = NA  |   |                          |                          | APPROVED:   |                                 |                 |                          |
| .XXX = NA   |   |                          |                          | APPROVED:   |                                 |                 |                          |
| DIAMETRICAL   |   |                          |                          | APPROVED:   |                                 |                 |                          |
| SEE SPEC S-002  |   |                          |                          | APPROVED:   |                                 |                 |                          |
| DIMENSIONS ARE IN INCHES / DIMENSIONS IN 1.1 ARE METRIC               |   |                          |                          | APPROVED:   |                                 |                 |                          |
| MATERIAL  | - | MMT                      |                          | PLOT SIZE   |                                 | SCALE           | DRAWING NUMBER           |
| FINISH  | - | NEXT ASSY USED ON        |                          | D   |                                 | 1/20 & NOTED    | 12880                    |
| LAST LETTER USED: G   |   | ASSEMBLY APPLICATION     |                          | CURRENT TIME/DATE/FILE LOCATION:  |                                 | REVISION        |                          |
|   |   |                          |                          | DRAWING ARCHIVE LOCATION: <a href="http://dsv1nc1.as.arizona.edu/acad/default.html">http://dsv1nc1.as.arizona.edu/acad/default.html</a> |                                 | C               |                          |