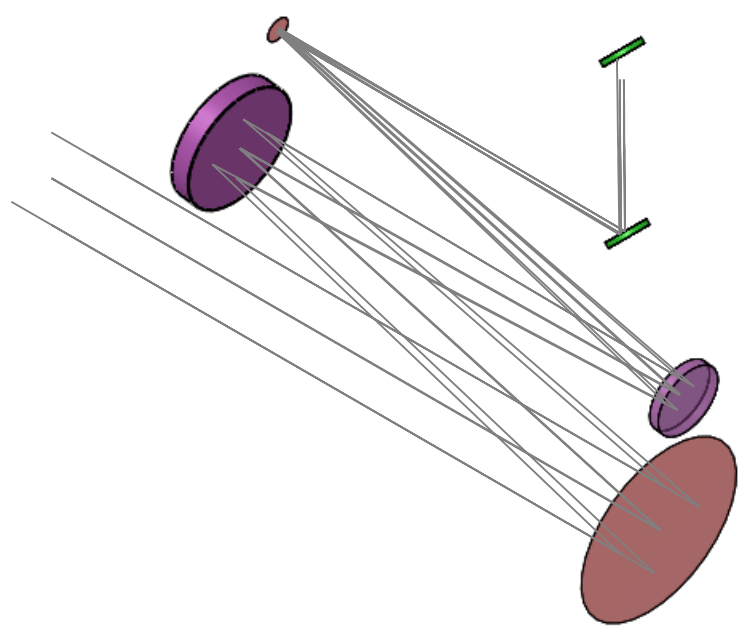
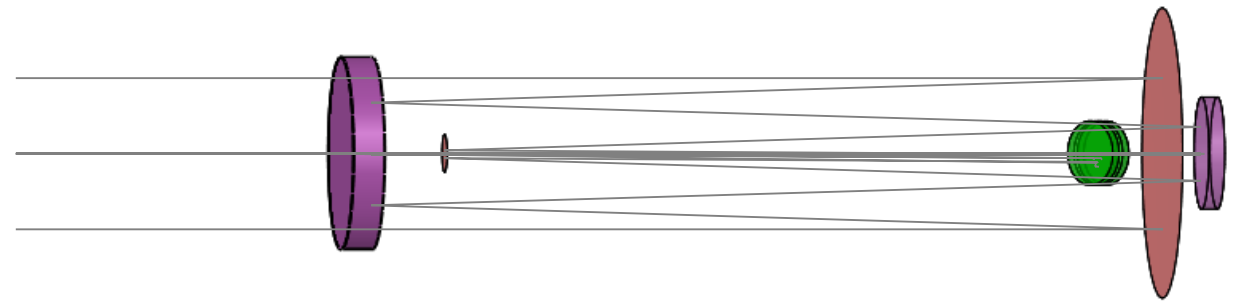


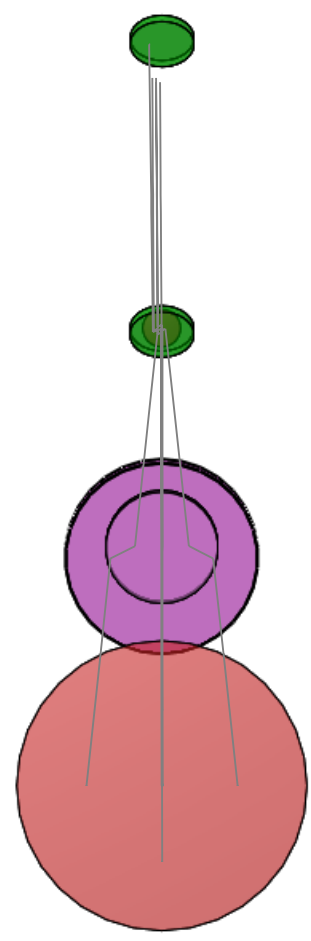
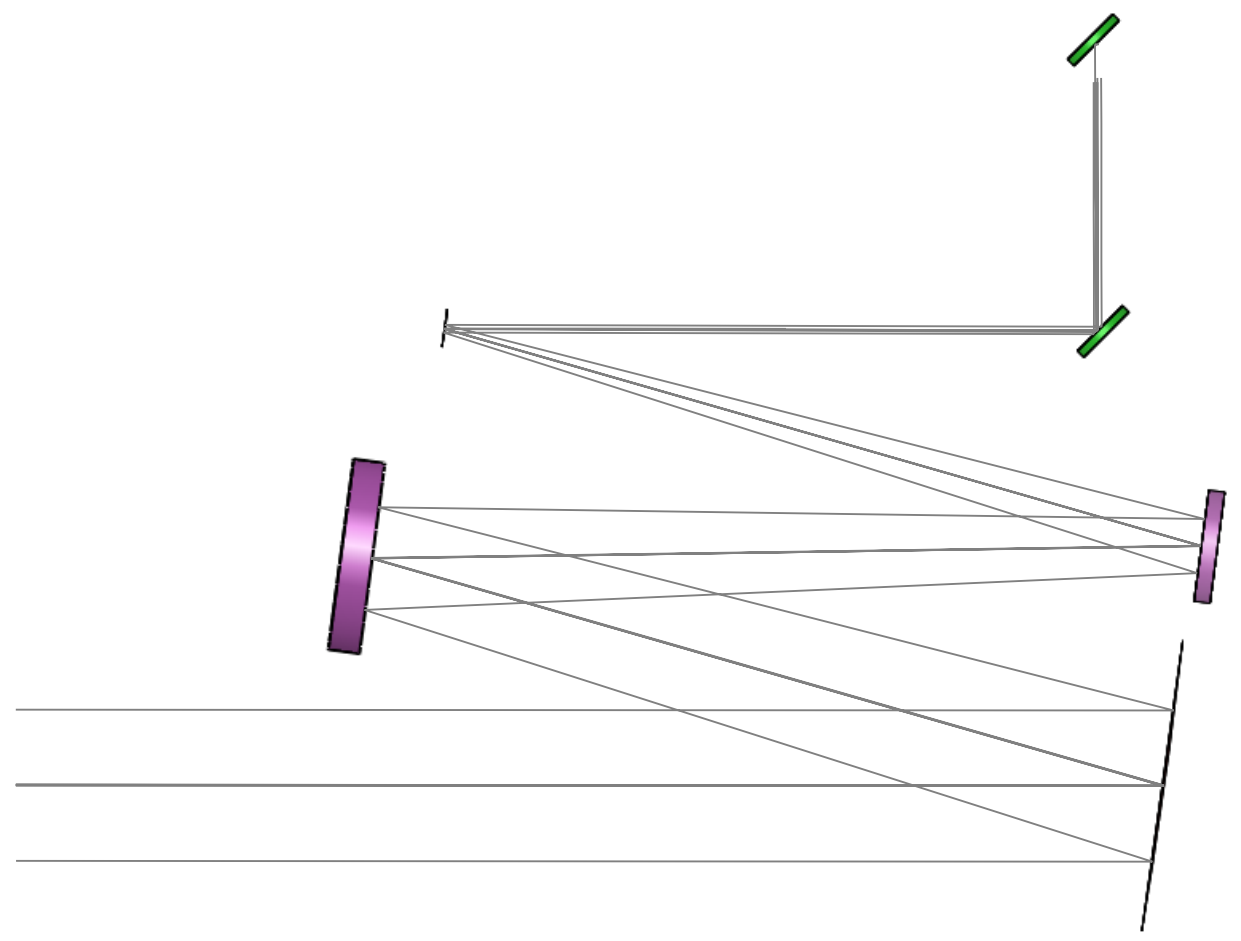
8 7 6 5 4 3 2 1

NOTES CONTINUED:

| REV. | DATE    | DCN #     | DRAWING TREE # |
|------|---------|-----------|----------------|
| V1   | 5-15-13 | to follow | E1200793       |
| -    | -       | -         | -              |
| -    | -       | -         | -              |



# Production TMS Telescope Ray Trace Layout 5-15-2013



D1300476 aLigo TMS Telescope Ray Trace 5-15-13, PART PDM REV: X-001, DRAWING PDM REV: X-000

D C B A

D C B A

| NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)   |           |
|--|-----------|
| DIMENSIONS ARE IN INCHES   |           |
| TOLERANCES:<br>.XX ±<br>.XXX ±   |           |
| ANGULAR ± °  |           |
| 1. INTERPRET DRAWING PER ASME Y14.5-1994.<br>2. REMOVE ALL SHARP EDGES, R.02 MIN.<br>3. DO NOT SCALE FROM DRAWING.<br>4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE. |           |
| MATERIAL   | N/A       |
| FINISH   | N/A μinch |

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: **ADVANCED LIGO** SUB-SYSTEM: **AOS**

NEXT ASSY: **D1002460**

|   |         |             |                 |
|---|---------|-------------|-----------------|
| PART NAME<br><b>aLigo TMS Telescope Ray Trace 5-15-13</b> |         |             |                 |
| DESIGNER  | m smith | 5-15-13     | SIZE DWG. NO.   |
| DRAFTER   | m smith | 5-15-13     | <b>B</b>        |
| CHECKER   |         |             | <b>D1300476</b> |
| APPROVAL  |         |             | REV. <b>v1</b>  |
| SCALE: 1:12   |         | PROJECTION: | SHEET 1 OF 1    |

8 7 6 5 4 3 2 1