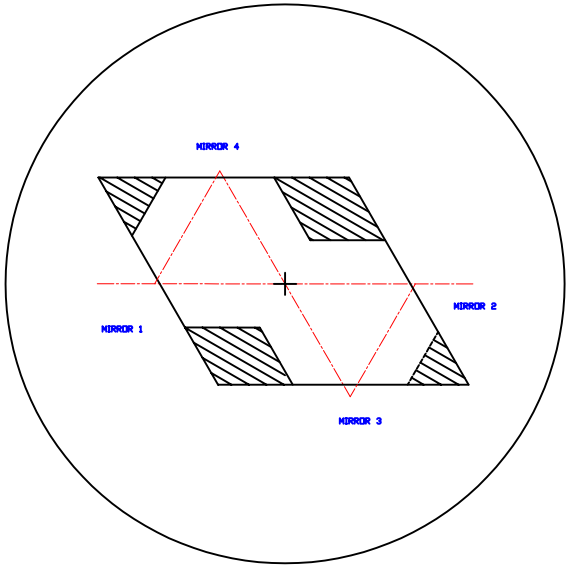
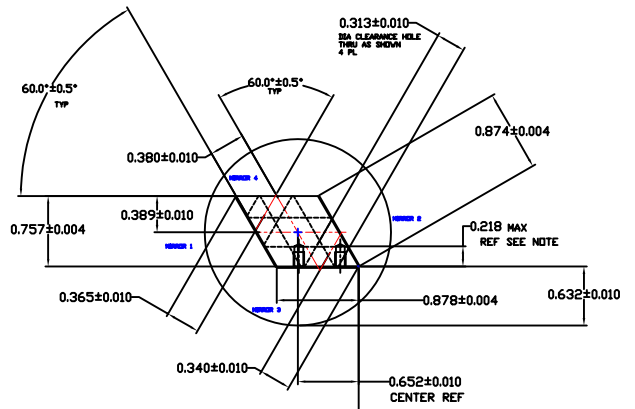


NOTES: (UNLESS OTHERWISE SPECIFIED)
 1. 4 FACES TO BE SQUARE WITH BOTTOM W/IN .004"
 2. 4 MIRROR FACES TO BE SHARP CORNERS/ BREAK EDGES ON OTHER FEATURES

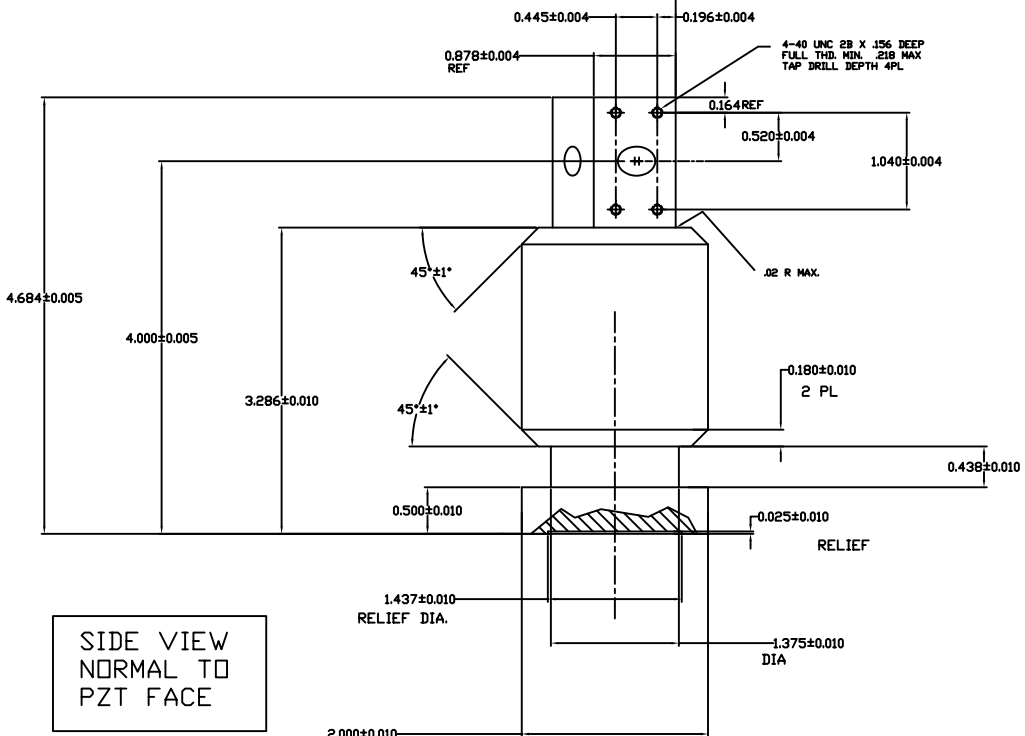
| REV. | DATE | BY | CHKD | DRAWING TREE # |
|------|----------|----|------|-----------------|
| A | 03-16-04 | | | LIGO-E040474-00 |
| | | | | |
| | | | | |

TOP VIEW



TOP VIEW ENLARGED SECTION VIEW AT BEAM CENTER LINE

SIDE VIEW NORMAL TO PZT FACE



2.000±0.010
 STOCK DIAMETER
 REF. TYP.
 2 PL

MAKE 1 TOTAL
 JOB NUMBER: LIGO.HANCA 2.8.2 NSF FY 02CA

| ITEM NO. | REQ. QUANTITY | SPARE TOT. | PART NUMBER | DESCRIPTION | SUPPLIER |
|----------------------------|---------------|------------|----------------|-------------|---------------------------------------|
| PARTS LIST | | | | | |
| UNLESS OTHERWISE SPECIFIED | | | DATE | NAME | |
| DIMENSIONS ARE IN INCHES | | | DRAWN | 9/4/04 | KEDM |
| TOLERANCES: | | | CHECKED | | |
| XX ± .005 | | | | | |
| XXX ± .01 | | | | | |
| ANGULAR ± 3 DEG | | | | | |
| MATERIAL | | | COMMENTS | | |
| INVAR 36 | | | FREE MACHINING | | |
| FINISH | | | NONE | | |
| | | | | SYSTEM | CALIFORNIA INSTITUTE OF TECHNOLOGY |
| | | | | SUB-SYSTEM | MASSACHUSETTS INSTITUTE OF TECHNOLOGY |
| | | | | NEXT ASSY | D040444-A |
| | | | | PART NAME | 4 ELEMENT MODE CLEANER CAVITY |
| | | SIZE | DWG. NO. | REV | |
| | | C | D040443-A | | |
| | | SCALE: | SHEET 1 OF 1 | | |