NOTES: UNLESS OTHERWISE NOTED
1. MACHINED SURFACE ROUGHNESS Ra
2. O-RING GROOVES AND SURFACES 32
3. REMOVE ALL BURRS/SHARP CORNERS

BILL OF MATERIAL

<table>
<thead>
<tr>
<th>NO.</th>
<th>REQ'D</th>
<th>REF DRW</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>16</td>
<td>SD2-014A</td>
<td>WASHER PLATE</td>
<td>COPPER OFHC</td>
</tr>
</tbody>
</table>

INSTITUTE FOR ASTRONOMY
2680 WOODLAWN DR, HONOLULU, HI 96822

INSTRUMENT: SPEX - CROSS DISPERSED SPECTROGRAPH
PART NAME: WASHER PLATE
TELESCOPE: IRTF

REVDATE: N/A
DATE: 04/14/97
DESIGN: STAHLBERGER
DRAWN: STAHLBERGER
APPROD: J. RAYNER

TOLERANCES
X.X +/- .015
X.XX +/- .005
X.XXX +/- .002
ANGLE +/- 30 MIN
FRACTION +/- 1/32

SD2-001A
NEXT ASSY

DRAW NO: SD2-014A
SCALE: 4:1
SIZE: A
LOT NO: 725
SHEET: 1 OF 1

PLOT: 10/19/99