NOTES: UNLESS OTHERWISE NOTED
1. MACHINED SURFACE ROUGHNESS 84
D-RING GROOVES AND SURFACES 82
2. REMOVE ALL BURRS/SHARP CORNERS

BILL OF MATERIAL

<table>
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<tr>
<th>NO.</th>
<th>REQ'D</th>
<th>REF DRW</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
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<td>SL3-001A</td>
<td>FILL NECK FLANGE</td>
<td>ALU 6061-T6</td>
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<td>G-10 FILL TUBE</td>
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<td>BELLOWS SS-500-5G-4&quot; (MIN FLEX)</td>
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<td>BUNA-N</td>
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<td>O-RING 2-112</td>
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EPOXY PARTS TOGETHER
USING ECCOBOND 286.
DONE AT IFA

ISOMETRIC
SCALE 1:2

SECTION
SCALE 1:1

6.68 REF

INSTITUTE FOR ASTRONOMY
2680 WOODLAWN DR., HONOLULU, HI 96822

INSTRUMENT: SPEX - CROSS DISPERSED SPECTROGRAPHER
PART NAME: FILL NECK
TELESCOPE: IRTF

DRAW NO: SL3-001A
SCALE: A
SIZE: 1
SHEET: 1 OF 1

REV: 09/15/98
INSTITUTE FOR ASTRONOMY
REV: N/A
2680 WOODLAWN DR., HONOLULU, HI 96822
DATE: 03/25/97
INSTRUMENT: SPEX - CROSS DISPERSED SPECTROGRAPHER
DESIGN: STAHLBERGER
PART NAME: FILL NECK
DRAW: STAHLBERGER
TELESCOPE: IRTF
APP'D: J. RAYNER

TOLERANCES

XX ±/-.002
X ±/-.015
XX ±/-.005

NEXT ASSY

SIZE: A
LOE NO: 725
SHEET: 1 OF 1

PLOT: 10/19/99