**NOTES CONTINUED:**

5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. EXAMPLE: DXXXXXXX-VY, TYPE-XX, S/N XXX

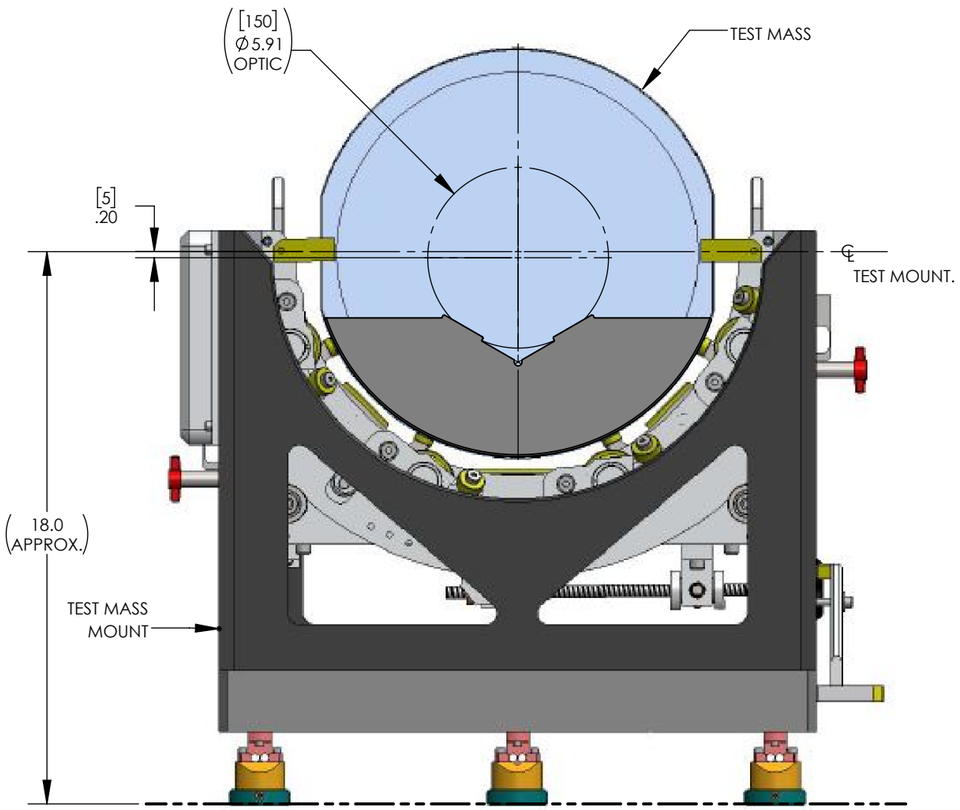
6. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364

7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

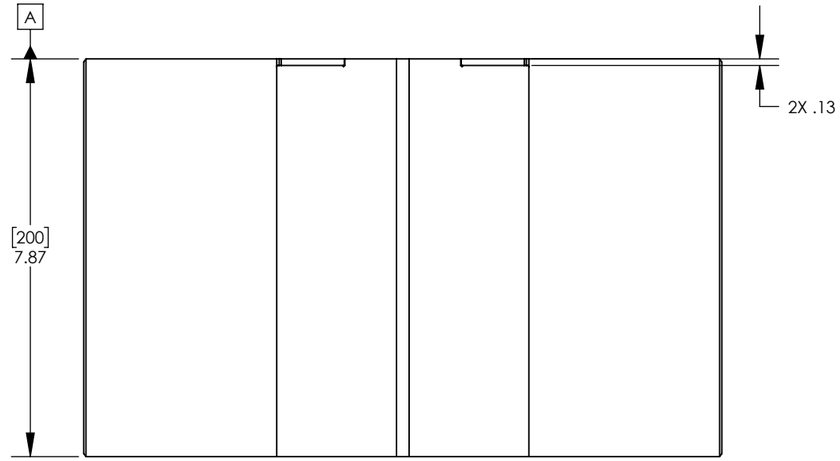
8. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.

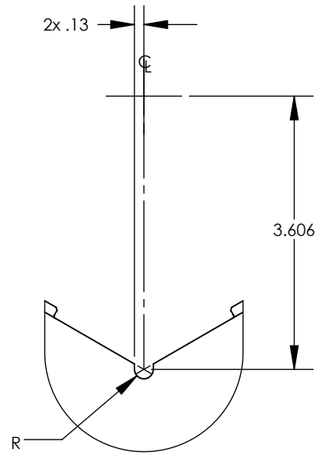
# ADAPTER INTERFACE

| REV. | DATE | DCN # | DRAWING TREE # |
|---|---|---|---|
| v1 | 11 Aug 2016 | - | - |
| v2 | 16 Aug 2016 | E1600258-x0 | - |
| v3 | 03 SEP 2016 | - | - |

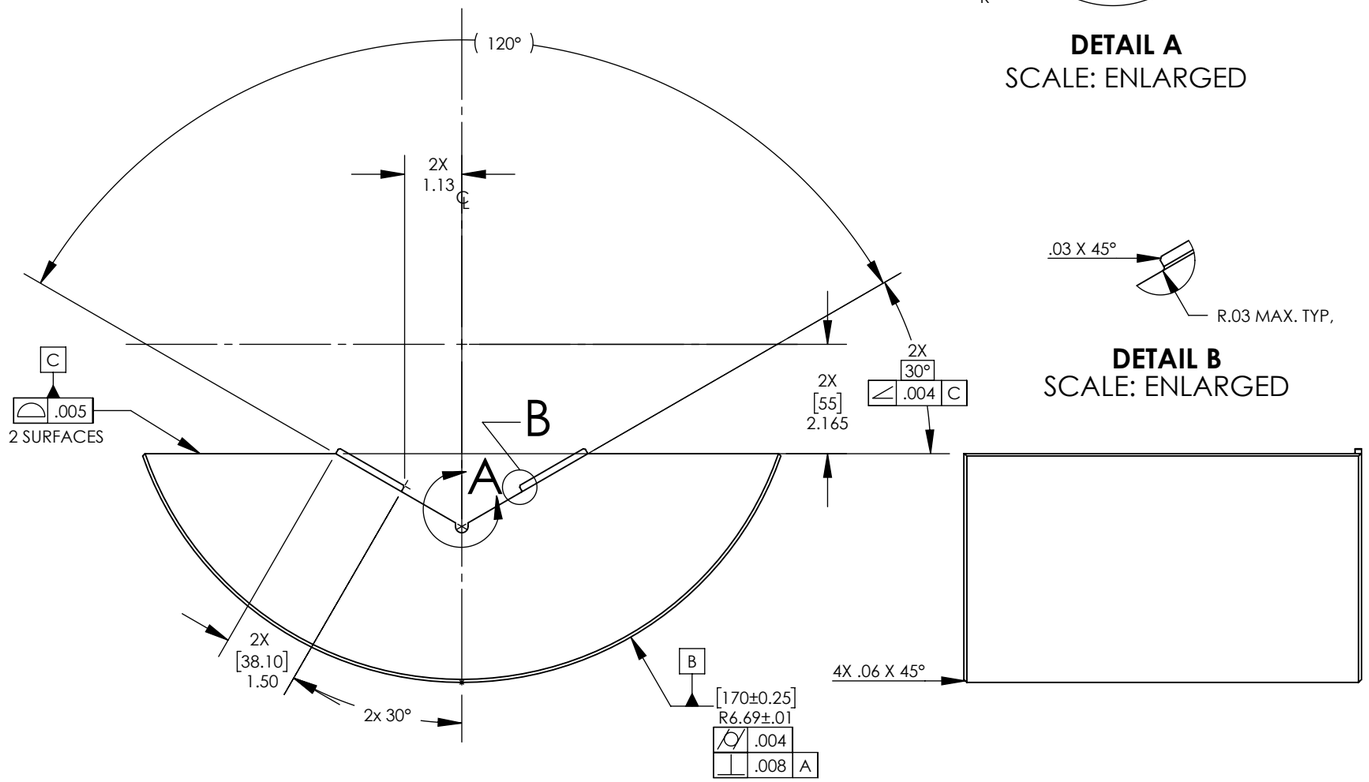



**FRONT VIEW**




**DETAIL A**
SCALE: ENLARGED







**DETAIL B**
SCALE: ENLARGED

| NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) | | | | | |
|---|---|---|---|---|---|
| DIMENSIONS ARE IN INCHES<br>TOLERANCES:<br>.XX ± .01<br>.XXX ± .005<br>ANGULAR ± 0.5° | 1. INTERPRET DRAWING PER ASME Y14.5-1994.<br>2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS.<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: DELRIN (BLACK) | FINISH: N/A µinch | NEXT ASSY: N/A | SYSTEM: ADVANCED LIGO / SUB-SYSTEM: COC |

LIGO — CALIFORNIA INSTITUTE OF TECHNOLOGY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY

PART NAME: FIGURE METROLOGY, 150mm OPTIC ADAPTER

| | | | | | |
|---|---|---|---|---|---|
| DESIGNER | E.SANCHEZ | 11 AUG 2016 | SIZE: B | DWG. NO.: D1600325 | REV.: v3 |
| DRAFTER | E.SANCHEZ | 11 AUG 2016 | | | |
| CHECKER | SEE DCC | SEE DCC | | | |
| APPROVAL | SEE DCC | SEE DCC | SCALE: NTS | PROJECTION: | SHEET 1 OF 1 |

D1600325 Figure Metrology, 150mm Optic Adapter, PART PDM REV: X-001, DRAWING PDM REV: X-005