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 APPROXIMATE WEIGHT = 2.75 LB.

7 MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E09000364

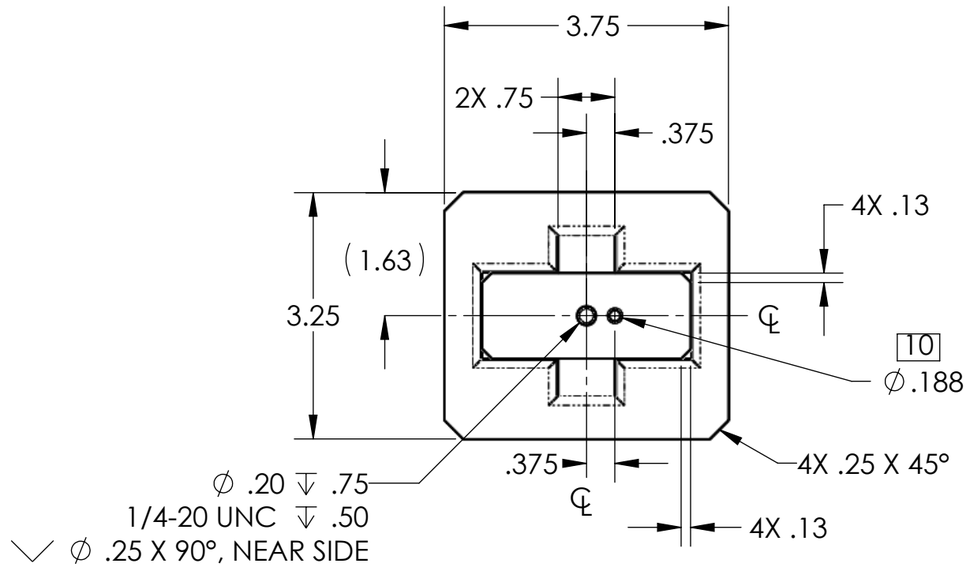
8 ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

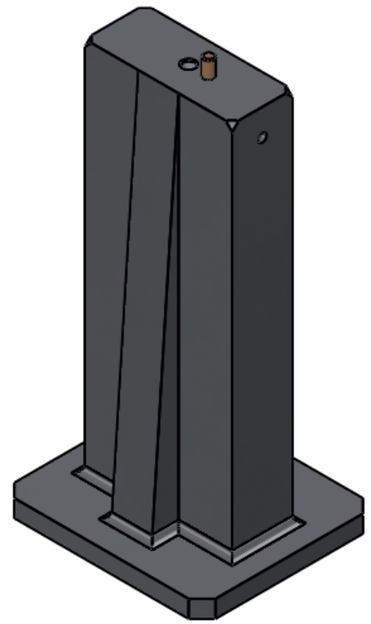
9 ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.

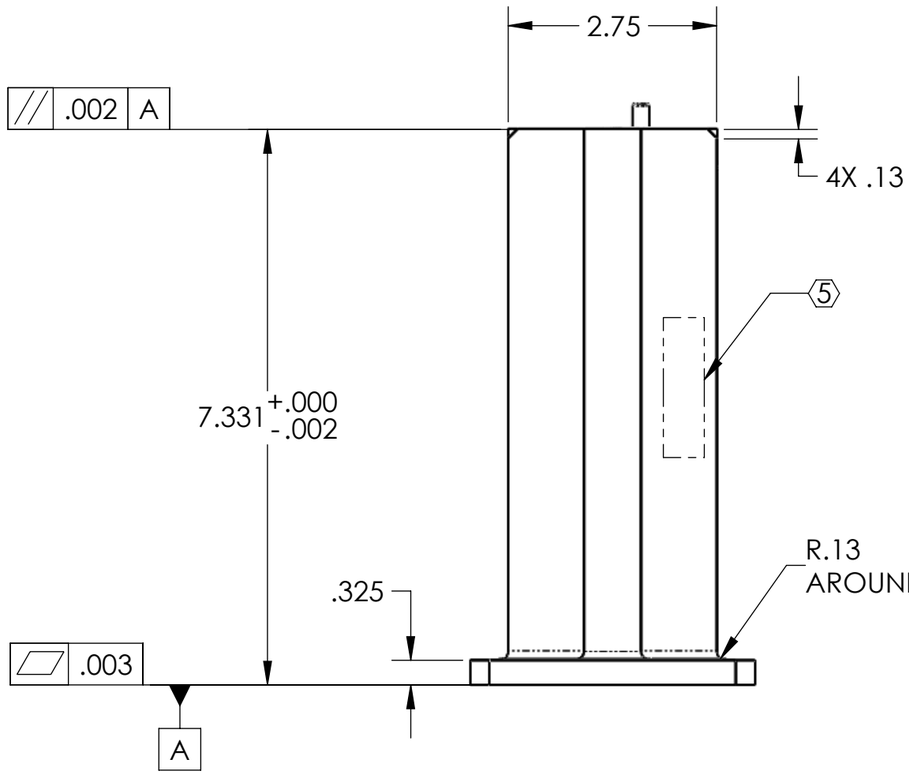
10 3/16 BRASS DOWEL PIN,(Ø1875-1877IN X .625IN LONG), PRESSED FIT AFTER aLIGO CLEANING

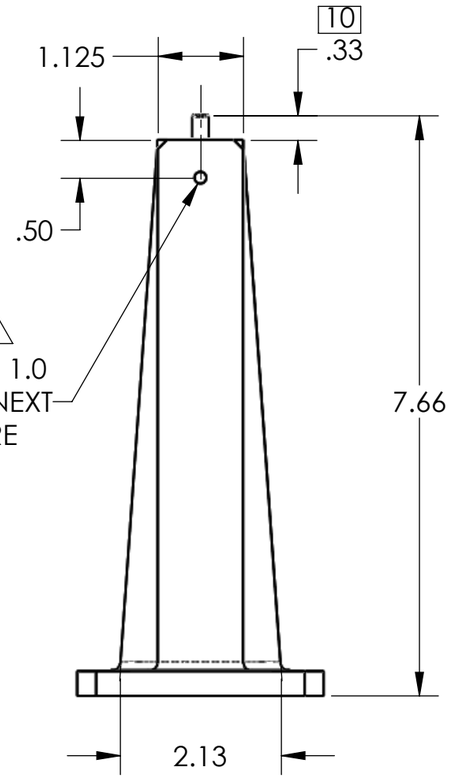
11 NEW FEATURE TO BE ADDED TO EXISTING -V1

REV.	DATE	DCN #	DRAWING TREE #
v1	17-JUN-12	E1100986-v1	E1100987-v1
v2	08-OCT-12	E1200885-v1	E1100987-v2
-	-	-	-









D1101844_aLIGO, PESDESTAL,HAM4,HWSY, 2IN MIRROR MOUNT, PART PDM REV: X-019, DRAWING PDM REV: X-022

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
.XX ± .01
.XXX ± .005

ANGULAR ± 1.0°

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES, .005-.015. FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATLEY R.02 FOR SHEET METAL PARTS.
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

MATERIAL: 6061 Alloy
FINISH: 63 µinch

LIGO — CALIFORNIA INSTITUTE OF TECHNOLOGY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY

PART NAME: aLIGO, PESDESTAL,HAM4,HWSY, 2IN MIRROR MOUNT

SYSTEM: ADVANCED LIGO
SUB-SYSTEM: AOS
NEXT ASSY: D1101083, D1101847

DESIGNER	A.COLE	17-NOV-2011
DRAFTER	A.COLE	17-NOV-2011
CHECKER	C. TORRIE	08-OCT-12
APPROVAL	A.BROOKS	01-MAY-12

SIZE: B — DWG. NO.: D1101844 — REV.: v2
SCALE: 1:2 — PROJECTION: — SHEET 1 OF 1