

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: DXXXXXX-VY, TYPE-XX, S/N XXX

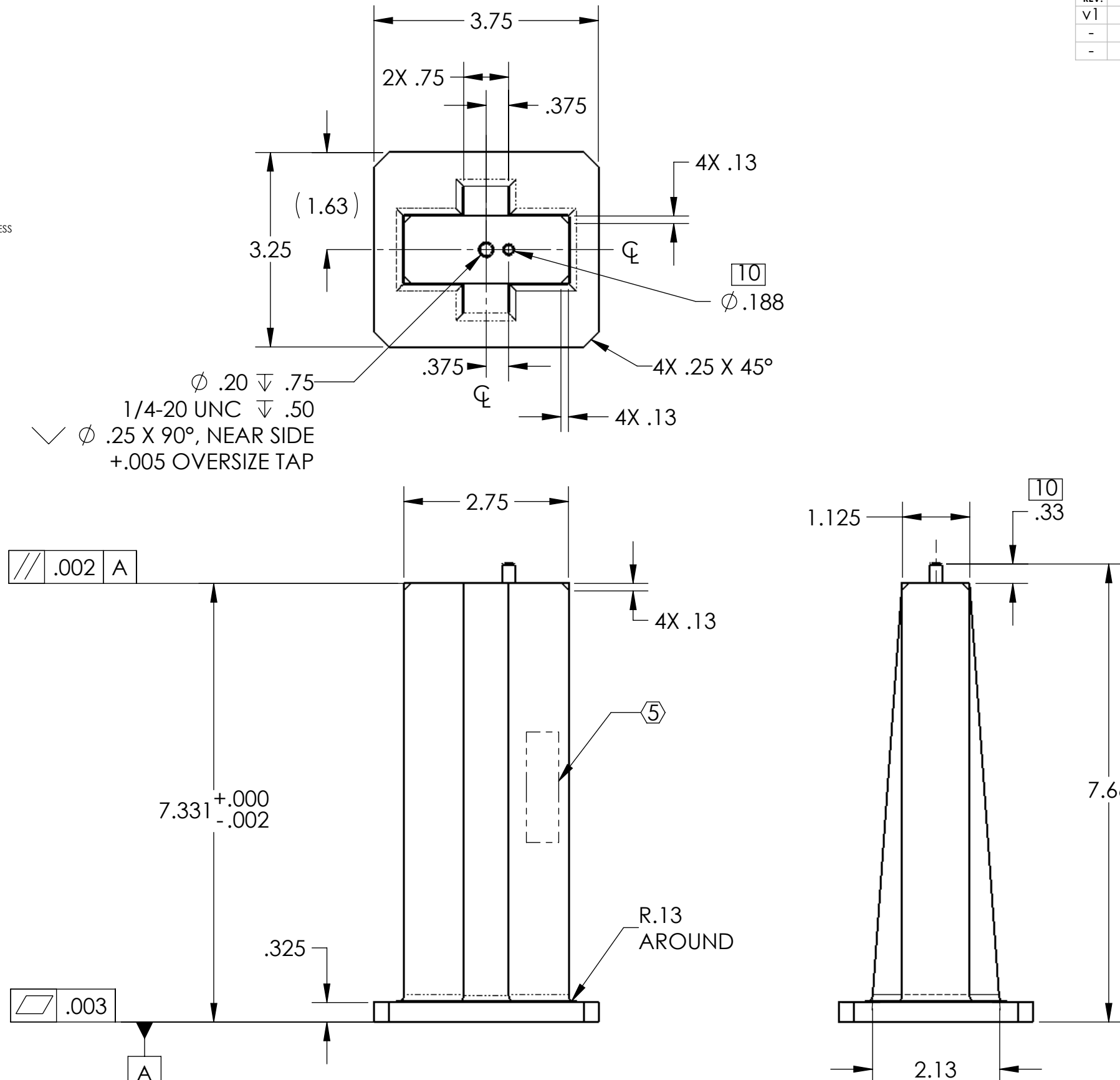
6 APPROXIMATE WEIGHT = 2.75 LB.

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

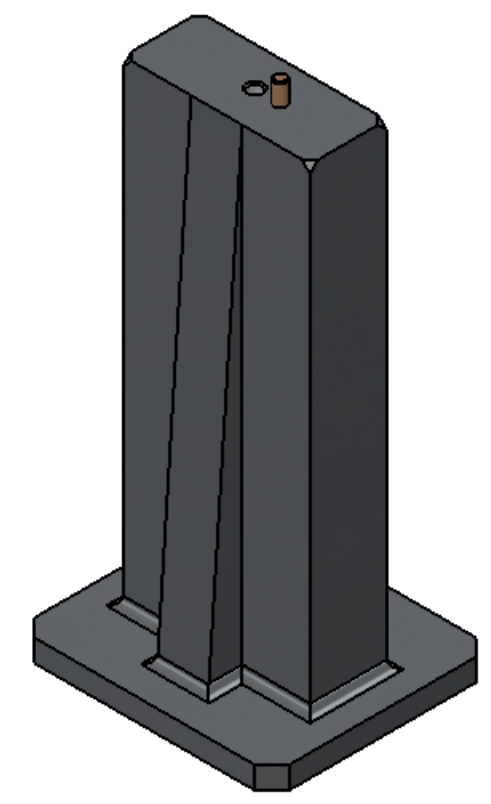
8 ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

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, (Ø 1875-1877IN X .625IN LONG), PRESSED FIT.



REV.	DATE	DCN #	DRAWING TREE #
v1	17-JUN-12	E1100986-v1	E1100987-v1
-	-	-	-
-	-	-	-



D1101844_cdlIGO, PEDESTAL,HAM4,HWSY, 2IN MIRROR MOUNT, PART PDM REV: X-017, DRAWING PDM REV: X-021

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 APPROXIMATELY 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 qLIGO, PEDESTAL,HAM4,HWSY, 2IN MIRROR MOUNT	
SYSTEM ADVANCED LIGO	SUB-SYSTEM AOS	DESIGNER A.COLE	DATE 17-NOV-2011
CHECKER M.JACOBSON	DATE 01-MAY-12	SIZE B	DWG. NO. D1101844
APPROVAL A.BROOKS	DATE 01-MAY-12	SCALE 1:2	PROJECTION FIRST ANGLE
REVISION v1	REVISION v1	REVISION v1	REVISION v1

NEXT ASSY: D1101083, D1101847

SHEET 1 OF 1