

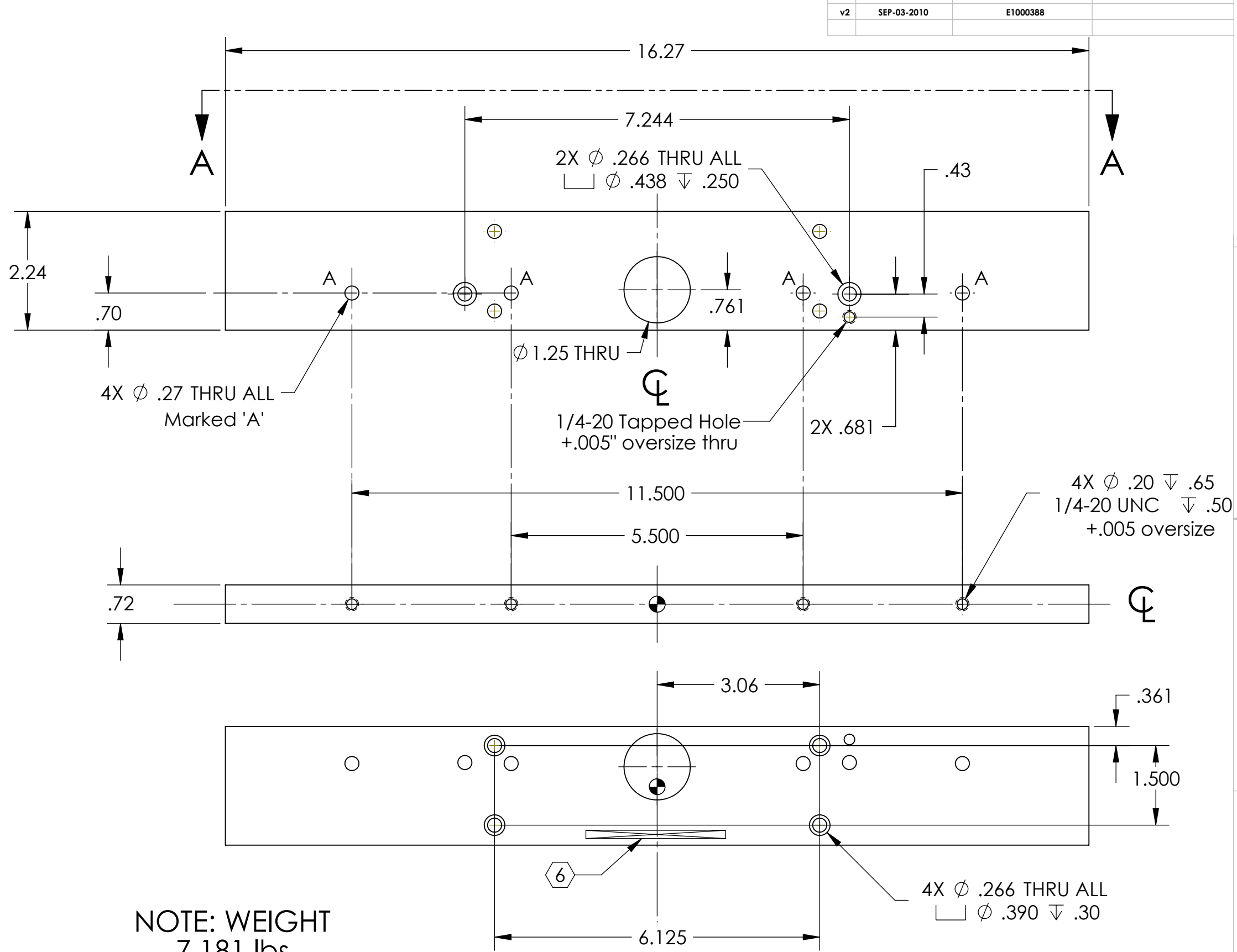
NOTES CONTINUED:
 Ⓢ SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR 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

REV.	DATE	DCN #	DRAWING TREE #
v1	JUN-29-2010	E1000234	
v2	SEP-03-2010	E1000388	

D C B A

Drill and Tap 10-24 unc 2B .30 Deep Full Thd. +005" oversize c'sink to major dia. 2 Pl.

Bottom VIEW A-A



4. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE TECHNIQUES IS NOT ALLOWED.
3. DO NOT USE SANDPAPER, SCOTCH BRITE OR SIMILAR PRODUCTS.
2. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364
1. CENTER OF GRAVITY (CG) SHOWN FOR INTERNAL REFERENCE ONLY

NOTE: WEIGHT 7.181 lbs.

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN TOLERANCES: .XX ± .010 .XXX ± .005 ANGULAR ± 5°				1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		aLIGO TOP MASS BAR	
MATERIAL 304 SSTL		FINISH 63 μinch		NEXT ASSY D1000442		DESIGNER K. MAILAND 19 MAR 2010 DRAFTER I ROMERO 9/2/10 CHECKER K MAILAND 9/2/10 APPROVAL K MAILAND 9/2/10	
				SYSTEM aLIGO AOS SUB-SYSTEM TRANSMON		SIZE DWG. NO. B D1000632 REV. v2	
				SCALE: 1:2		PROJECTION: SHEET 1 OF 2	

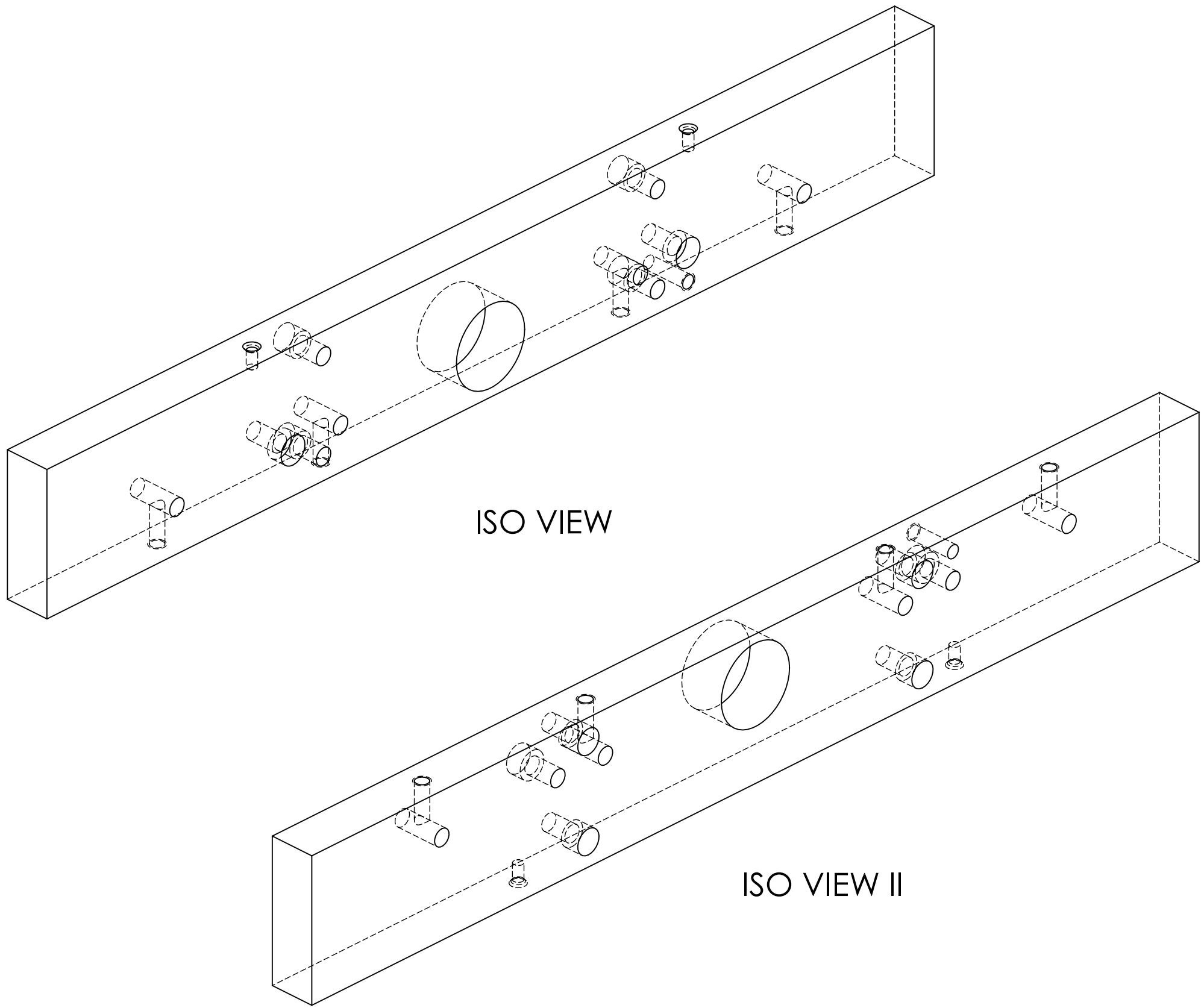
D1000632 aLIGO TOP MASS BAR, PART PDM REV: X-020, DRAWING PDM REV: X-009

D1000632 dLIGO TOP ADD MASS BAR, PART PDM REV: X-020, DRAWING PDM REV: X-009

8 7 6 5 4 3 2 1



D
C
B
A

D
C
B
A



ISO VIEW

ISO VIEW II

 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
SIZE B	DWG. NO. D1000632	REV. v2
SCALE: 1:2	PROJECTION: 	SHEET 2 OF 2

8 7 6 5 4 3 2 1