

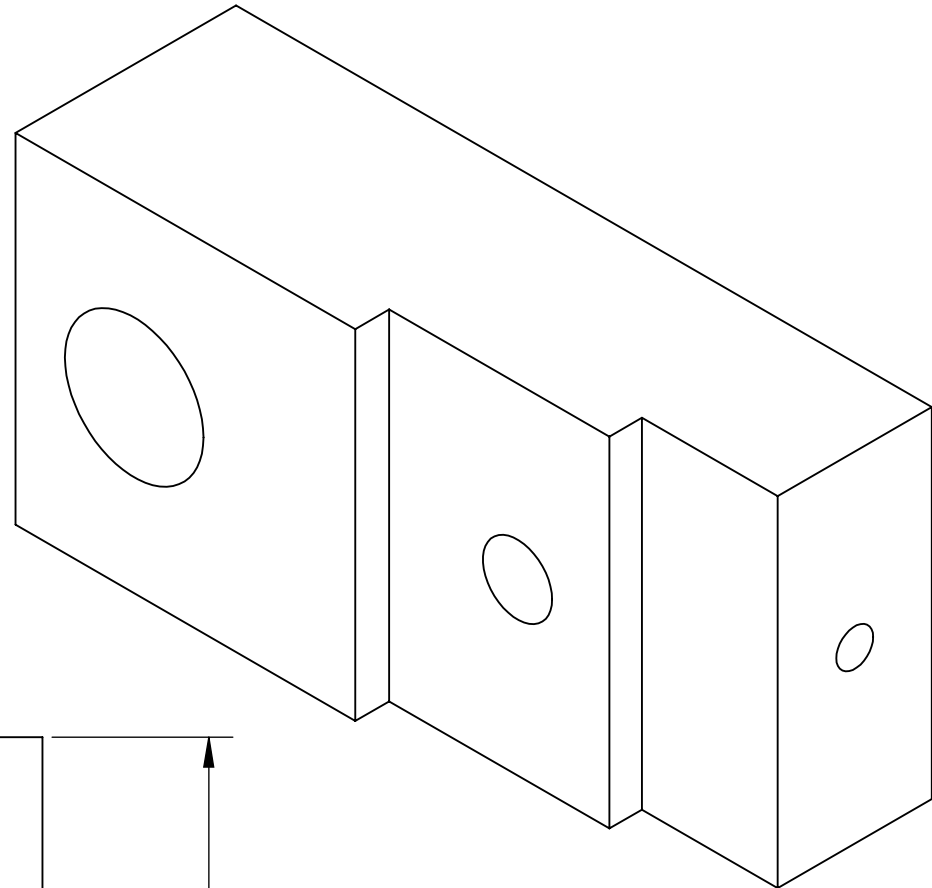
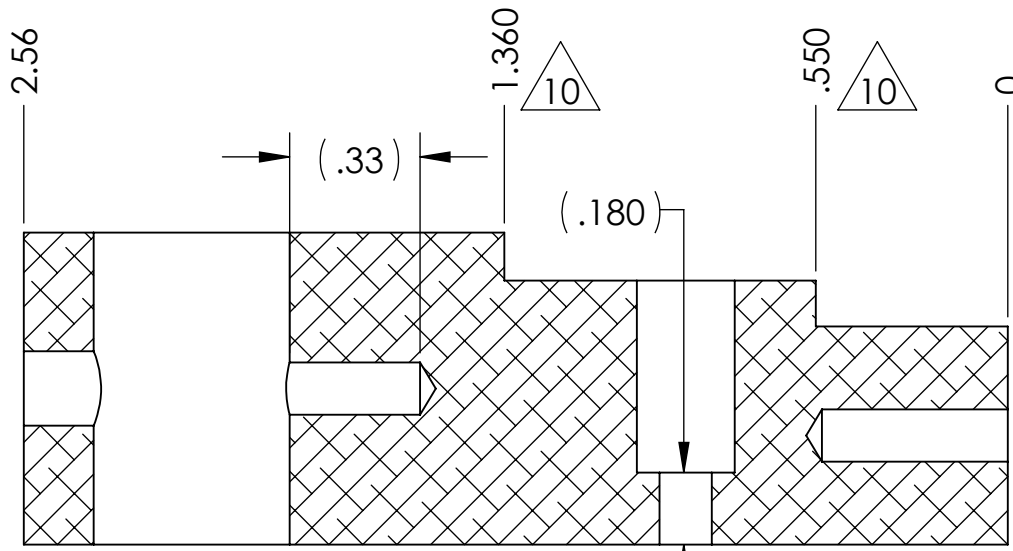
8 7 6 5 4 3 2 1

NOTES CONTINUED:

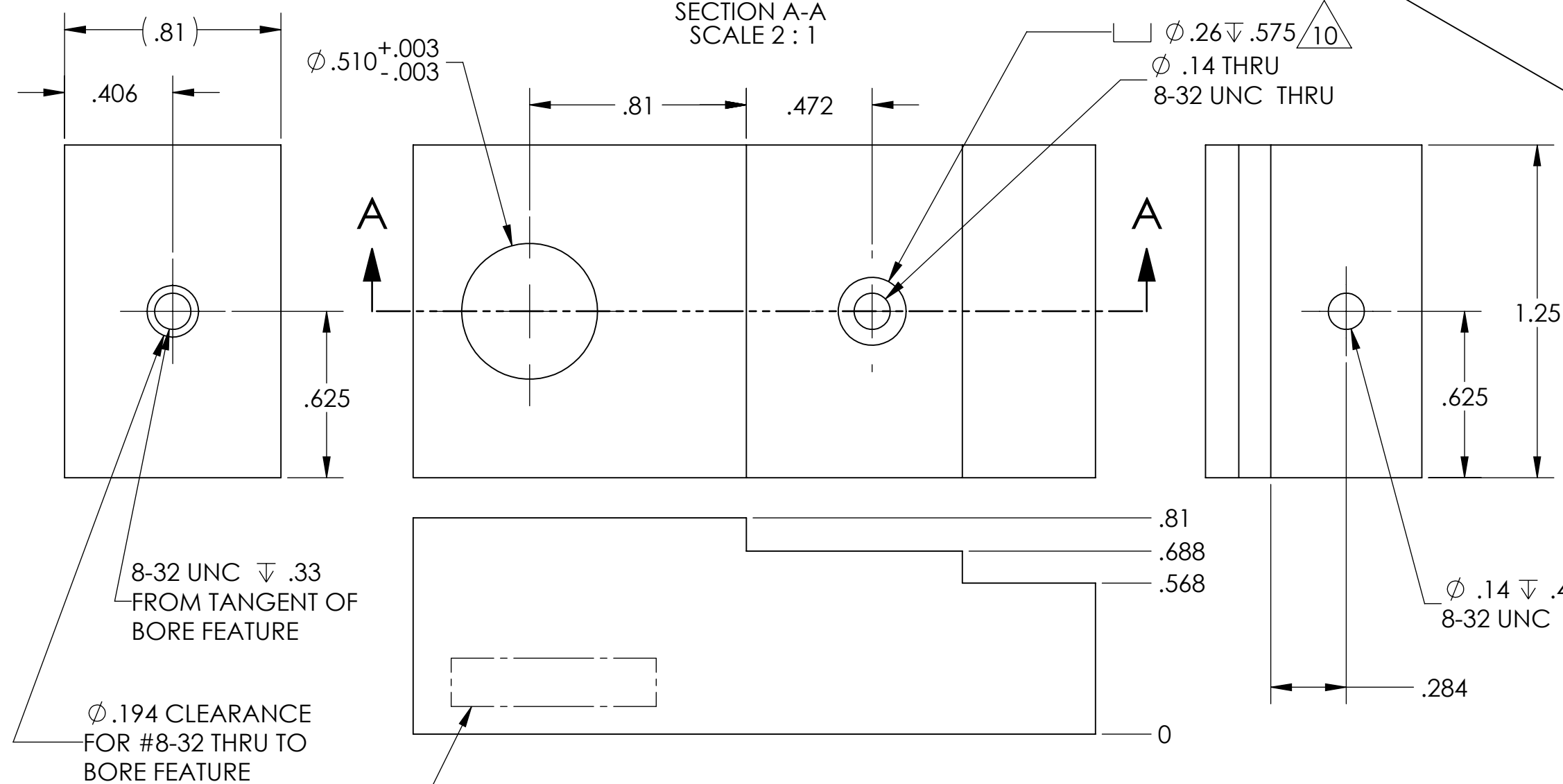
- 5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE 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 = 0.206 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. POST-MACHINED, MODIFIED DIMENSION FOR PROPER FIT IN MIRROR HANDLING CONFIG

REV.	DATE	DCN #	DRAWING TREE #
v1	23-MAY-12	E1200002-v2	E1200003-v2
v2	08-FEB-13	E1200002-v3	-
-	-	-	-



SECTION A-A
SCALE 2:1



8-32 UNC ∇ .33
FROM TANGENT OF
BORE FEATURE

ϕ .194 CLEARANCE
FOR #8-32 THRU TO
BORE FEATURE

D1200763_HANDLE GUSSET, aLIGO TCS SM2, H1-L1, PART PDM REV: X-003, DRAWING PDM REV: X-006

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
.XX \pm .01
.XXX \pm .005
ANGULAR \pm °

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 μ inch
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CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
ADVANCED LIGO		HANDLE GUSSET, aLIGO TCS SM2, H1-L1	
DESIGNER	M. JACOBSON	DATE	23-MAY-2012
DRAFTER	M. JACOBSON	DATE	23-MAY-12
CHECKER	G. GRABEEL	DATE	08-FEB-13
APPROVAL	T. VO	DATE	08-FEB-13
SYSTEM	ADVANCED LIGO	SUB-SYSTEM	AOS
NEXT ASSY	D1101851	SIZE	DWG. NO. B
			D1200763
		SCALE:	1:1
		PROJECTION:	
			SHEET 1 OF 1

8 7 6 5 4 3 2 1