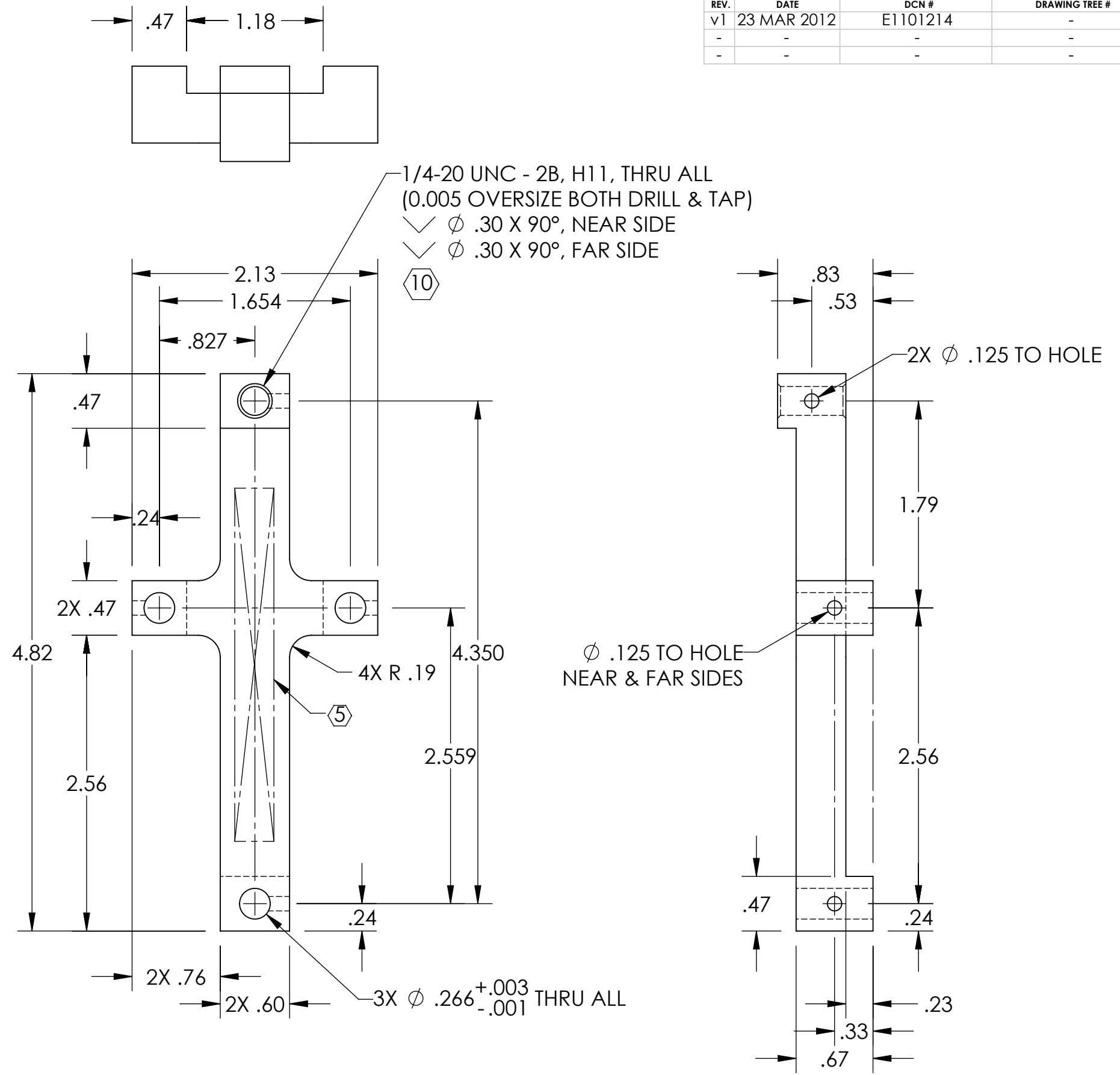
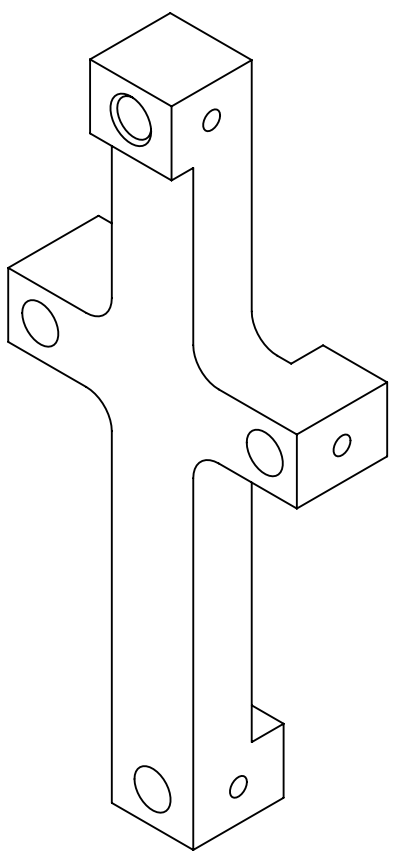


**NOTES CONTINUED:**

- 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. MASS: 72.5 G [0.160 LB].
- 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.
- 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
- 9. NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. IN GENERAL, WELD REPAIRS AND PRESS FIT INSERT REPAIRS ARE NEVER ACCEPTABLE; THE PART SHOULD BE MADE WITH VIRGIN MATERIAL. SPECIAL CIRCUMSTANCES CAN BE REVIEWED IF / WHEN BROUGHT TO THE ATTENTION OF LIGO CONTRACTING OFFICER'S REPRESENTATIVE (COTR) THROUGH A MATERIAL REVIEW BOARD (MRB) PROCESS, REFER TO LIGO-E0900364.

⑩ TAPPED HOLE: 0.005 OVERSIZE BOTH DRILL AND TAP.

REV.	DATE	DCN #	DRAWING TREE #
v1	23 MAR 2012	E1101214	-
-	-	-	-
-	-	-	-



D1200328 aLIGO SUS BOSEM Flag Center Bracket, PART PDM REV: X-014, DRAWING PDM REV: X-001

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES				1. INTERPRET DRAWING PER ASME Y14.5-1994.		aLIGO SUS BOSEM FLAG CENTER BRACKET	
TOLERANCES: .XX ± .01 .XXX ± .005				2. REMOVE ALL SHARP EDGES, .005-.015.		SIZE DWG. NO.	
ANGULAR ± 1.0°				3. DO NOT SCALE FROM DRAWING.		B D1200328	
MATERIAL 6061-T6 Al				4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		REV. v1	
FINISH 63 $\mu$ inch Ra				SYSTEM ADVANCED LIGO		DESIGNER J. O'dell 28 FEB 2012	
NEXT ASSY D1101527				SUB-SYSTEM AOS		DRAFTER C. CONLEY 23 MAR 2012	
				CHECKER SEE DCN		APPROVAL SEE DCN	
				SCALE: 1:1		PROJECTION:  SHEET 1 OF 1	