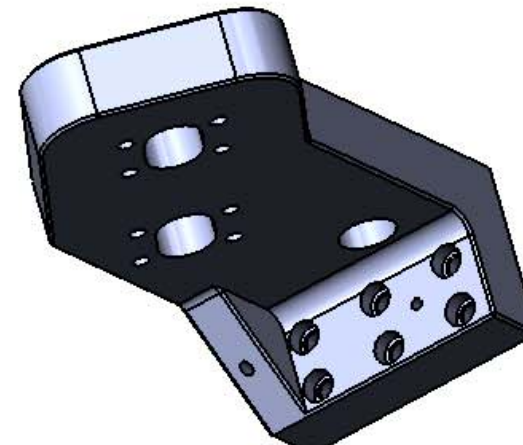
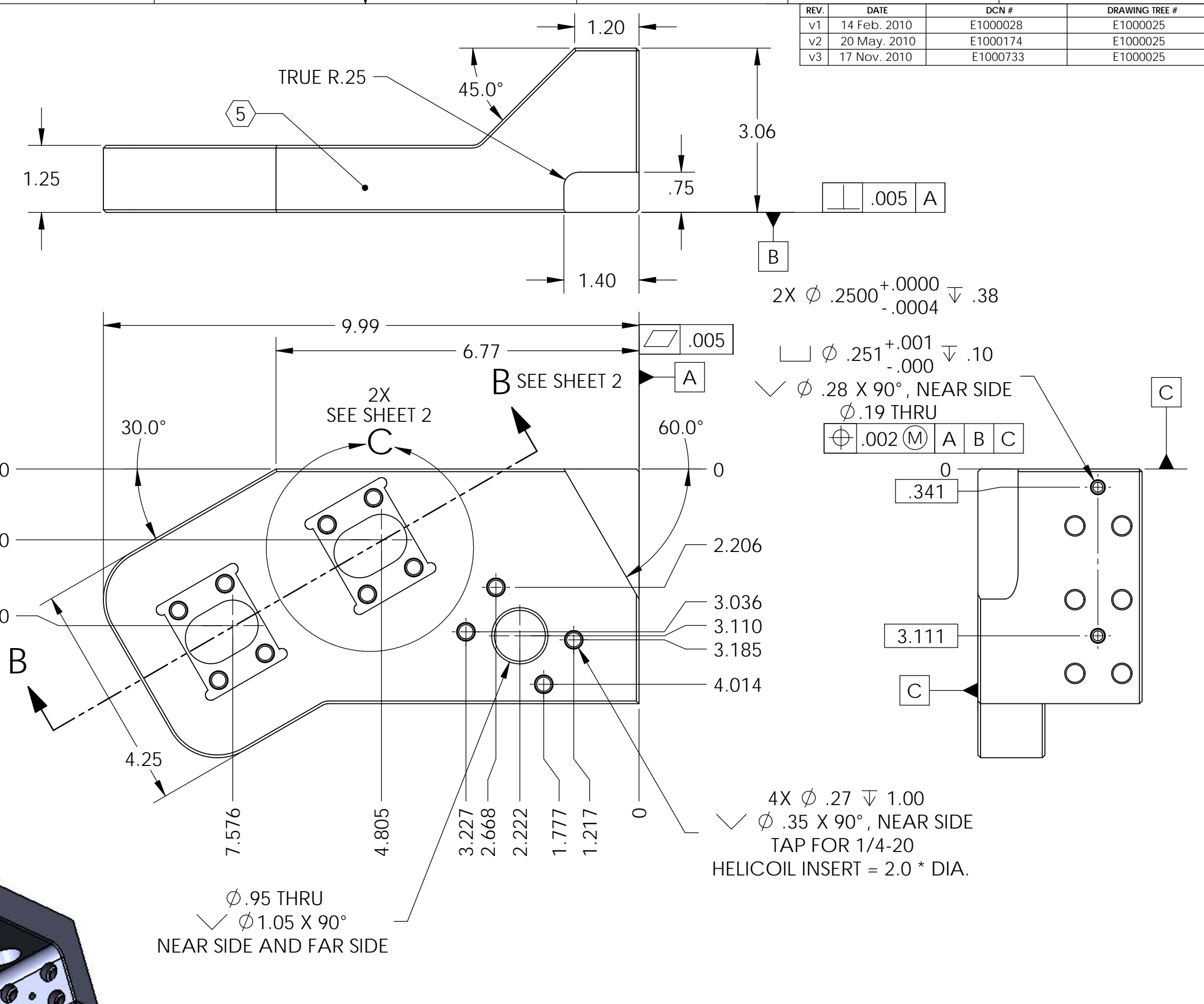


D0902488 Tooling Bracket, Blades Pusher Stg 0-1 & Blades Puller Stg 1-2, aLIGO BSC-ISI, PART PDM REV: X-018, DRAWING PDM REV: X-008

**NOTES CONTINUED:**  
 5. SCRIBE, ENGRAVE, 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. A VIBRATORY TOOL MAY BE USED.  
 EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX  
 6. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.  
 7. APPROXIMATE WEIGHT: 15.5LB.  
 8. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH.  
 9. ABRASIVE REMOVAL TECHNIQUES ARE NOT ACCEPTABLE.

REV.	DATE	DCN #	DRAWING TREE #
v1	14 Feb. 2010	E1000028	E1000025
v2	20 May. 2010	E1000174	E1000025
v3	17 Nov. 2010	E1000733	E1000025

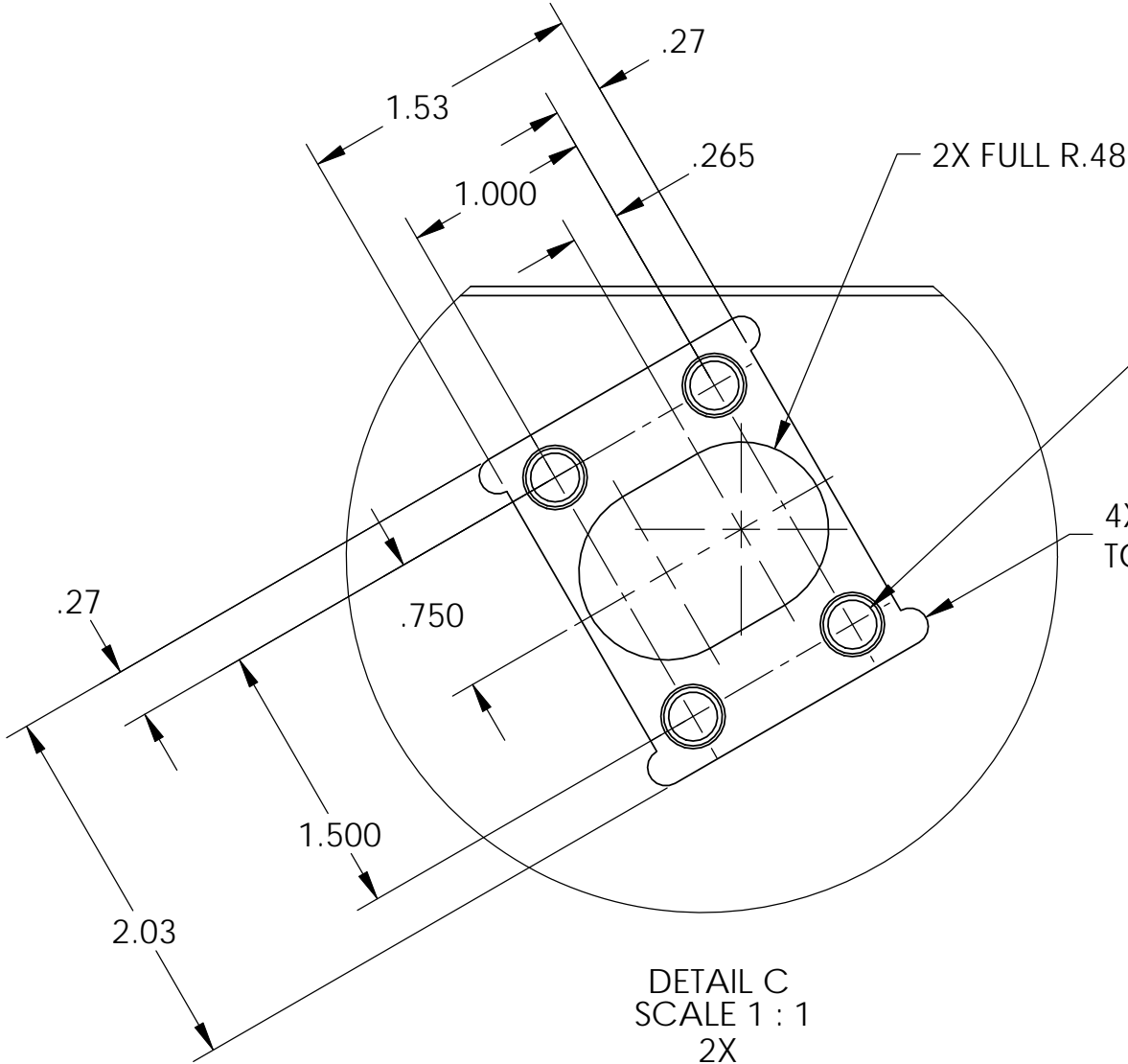
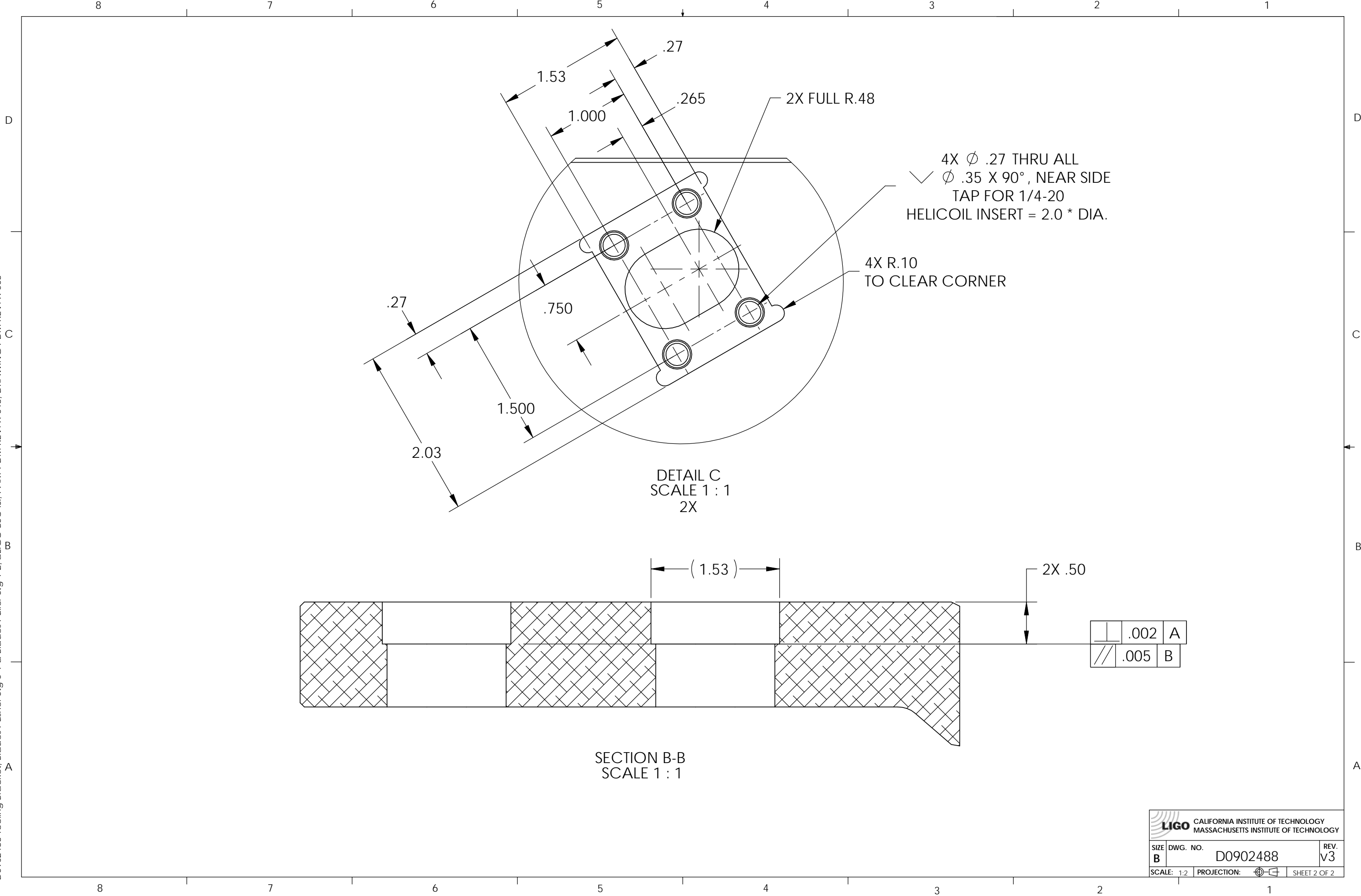
D  
C  
B  
A



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME TOOLING BRACKET, BLADES PUSHER STG 0-1 & BLADES PULLER STG 1-2, aLIGO BSC ISI					
DIMENSIONS ARE IN INCHES				SYSTEM ADVANCED LIGO		SUB-SYSTEM SEI		DESIGNER S.BARNUM	DATE 09 Feb. 2010	SIZE DWG. NO. B	REV. v3
TOLERANCES: .XX ± .015 .XXX ± .005				MATERIAL 304 SSSL		FINISH 32 $\mu$ inch		DRAFTER M.HILLARD	DATE 14 FEB 2010	D0902488	
ANGULAR ± 5°				NEXT ASSY D0902464		CHECKER F.MATICHARD		DATE 14 FEB 2010	SCALE: 1:2		PROJECTION:
						APPROVAL K.MASON		DATE 14 FEB 2010	SHEET 1 OF 2		

8 7 6 5 4 3 2 1

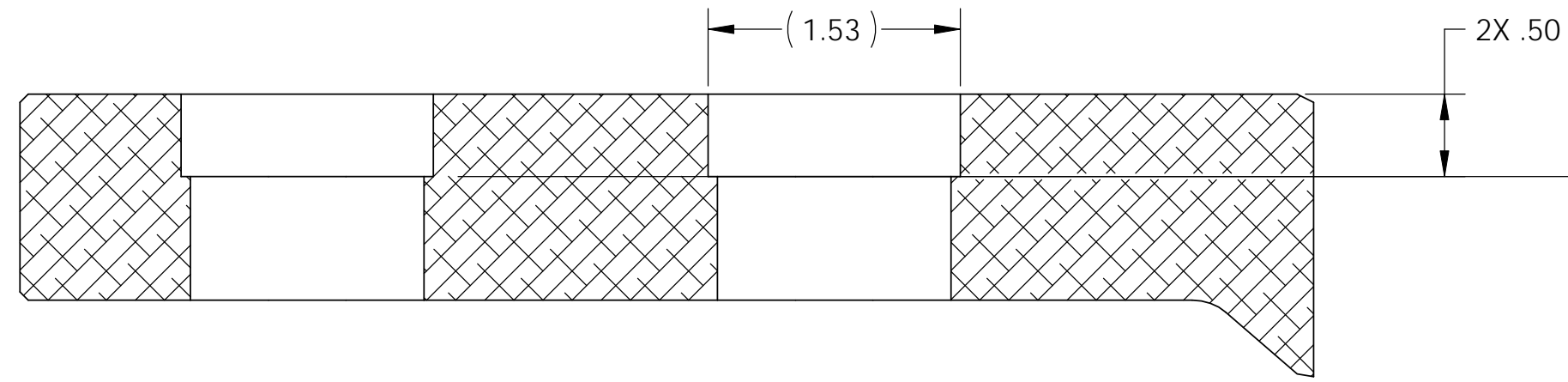
D0902488 Tooling Bracket, Blades Pusher Stg 0-1 & Blades Puller Stg 1-2, allIGO BSC-ISI, PART PDM REV: X-018, DRAWING PDM REV: X-008



4X  $\phi$  .27 THRU ALL  
 $\phi$  .35 X 90°, NEAR SIDE  
TAP FOR 1/4-20  
HELICOIL INSERT = 2.0 \* DIA.

4X R.10  
TO CLEAR CORNER

DETAIL C  
SCALE 1 : 1  
2X



SECTION B-B  
SCALE 1 : 1

	.002	A
	.005	B

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE	DWG. NO.	REV.
B	D0902488	V3
SCALE: 1:2	PROJECTION:	SHEET 2 OF 2