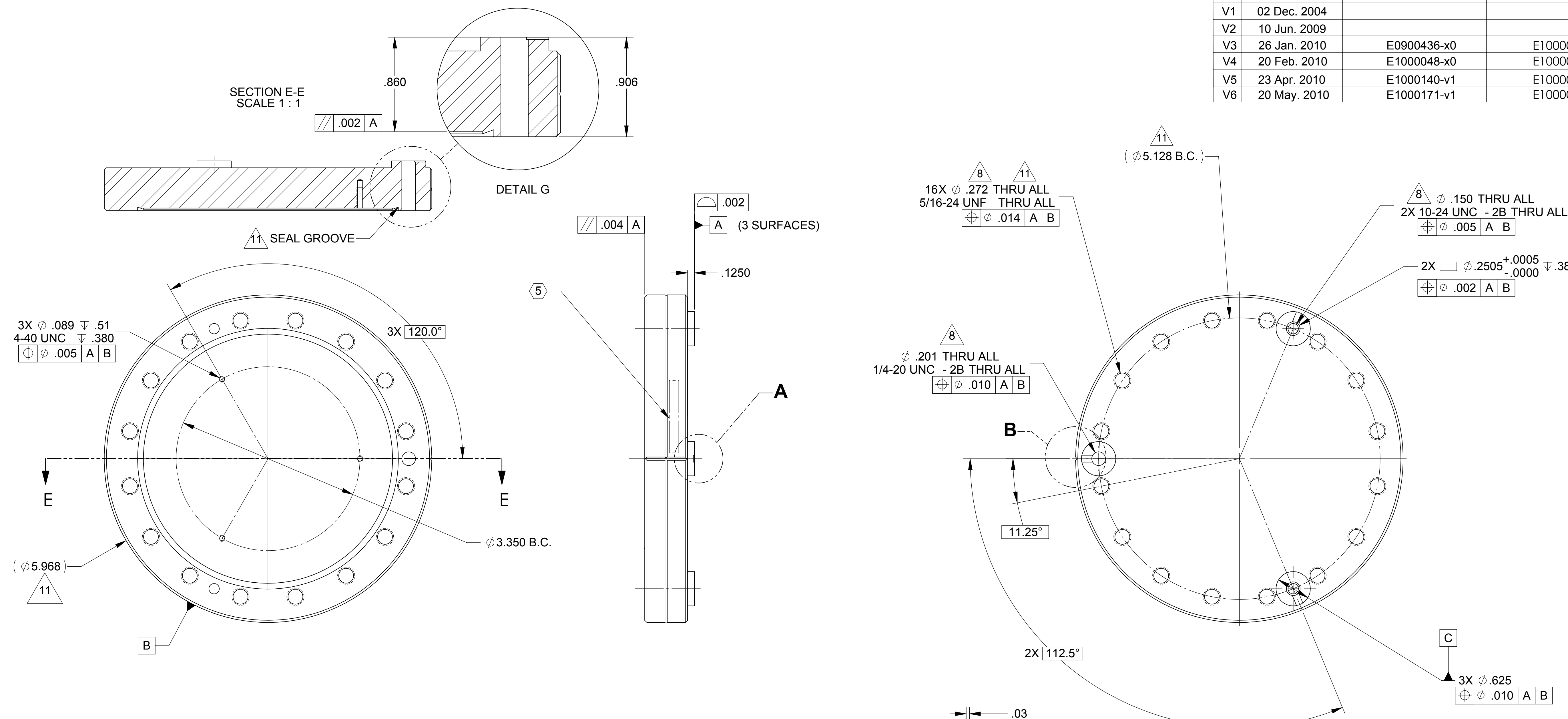


REV.	DATE	DCN #	DRAWING TREE #
V1	02 Dec. 2004		
V2	10 Jun. 2009		
V3	26 Jan. 2010	E0900436-x0	E1000025
V4	20 Feb. 2010	E1000048-x0	E1000025
V5	23 Apr. 2010	E1000140-v1	E1000025
V6	20 May. 2010	E1000171-v1	E1000025



**NOTES CONTINUED:**

- 5 SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INK 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 DXXXXXXX-VY, TYPE-XX, S/N XXX.
- 6. ABRASIVE REMOVAL TECHNIQUES ARE NOT ACCEPTABLE.
- 7. MACHINE FILET RADII .003-.015
- 8 A PITCH DIAMETER LIMIT OF H11 APPLIES AS NOTED
- 9. COUNTERSINK 82° ALL TAPPED HOLES TO MAJOR DIAMETER +.015/- .000.
- 10. COUNTERSINK 82° ALL DRILLED HOLES .015-.030 DEEP BOTH SIDES.
- 11 FEATURES THAT ARE REFERENCED OR UNDIMENSIONED SHALL CONFORM TO TO NOR-CAL PRODUCTS PART NUMBER 600-000NT (EXCEPT OVERALL THICKNESS).
- 12. REFERENCE MATING PART DRAWING D047823.
- 13. ESTIMATED WEIGHT IS 5.8 LBS.
- 14. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION LIGO DOCUMENT E0900364.
- 15. EXTERIOR OF POD WILL BE EXPOSED TO UHV.

**DETAIL A  
SCALE: 2 / 1  
3X**

**DETAIL B  
SCALE: 2 / 1**

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES				SYSTEM		ADVANCED LIGO	
TOLERANCES: .XX ± .015 .XXX ± .005				SUB-SYSTEM		SEI	
ANGULAR ± 0.5°				NEXT ASSY		D047820	
MATERIAL AISI 304				FINISH 63 μinch		DESIGNER ASI	
						DATE 02 DEC 2004	
						SIZE D	
						DWG. NO. D047822	
						REV. v6	
						SCALE: 2:1	
						PROJECTION:	
						SHEET 1 OF 1	

D047822 Baseplate Flange, L4C Pod, all LIGO BSC, ISI, PART PDM REV: V3, DRAWING PDM REV: V3.007