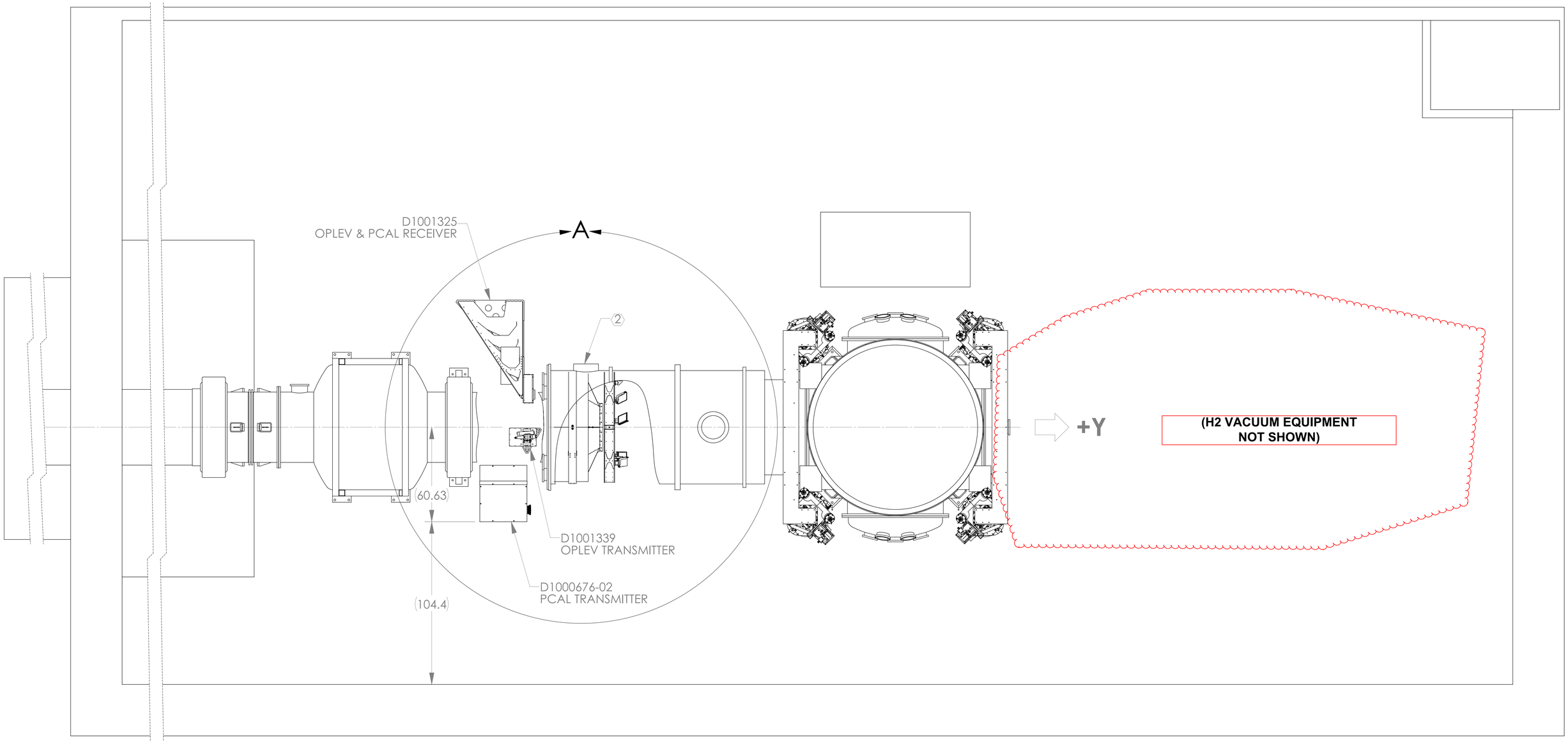
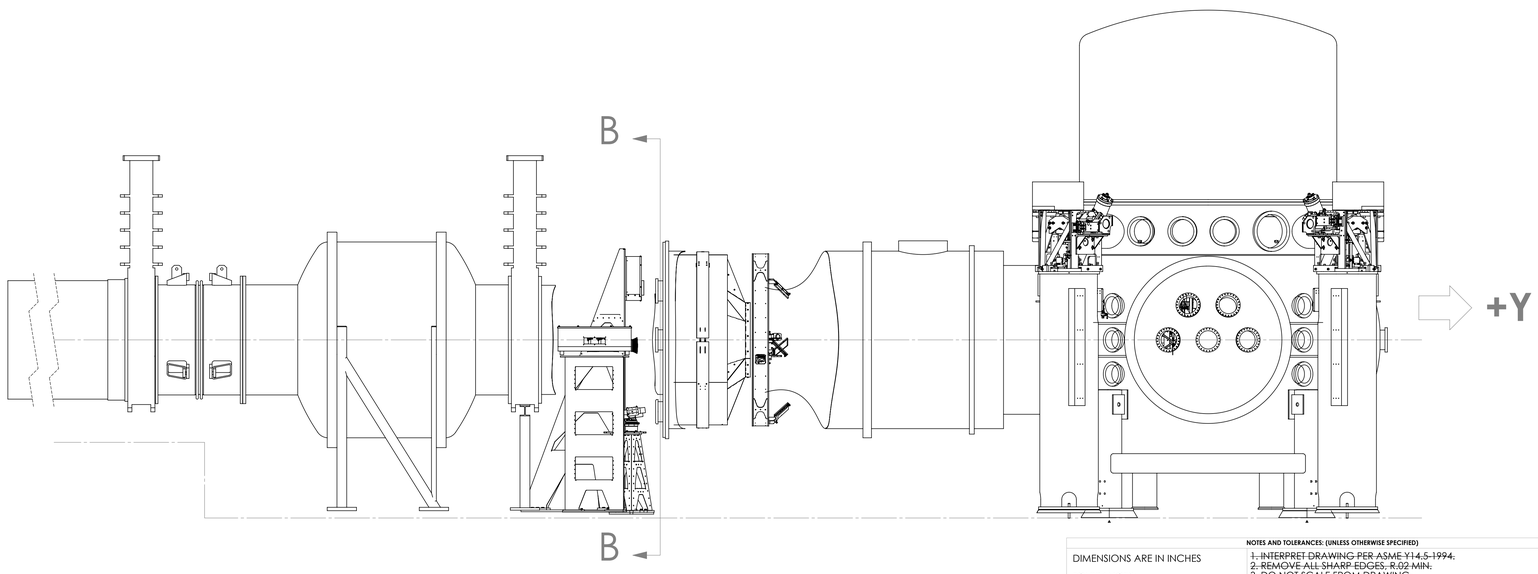
REV.	DATE	DCN #	BOM #
v4	10 MAY 2013	E1300418-x0	-
-	-	-	-
-	-	-	-





NOTES:

1. NOTED GROUT PLATE INSTALLATION MAY BE ROTATED 180° ABOUT ITS CENTER HOLE IF PREFERABLE. ANCHOR PATTERN MUST BE ROTATED ACCORDINGLY.
2. TURBO PUMP AT THE NOTED VACUUM PORT MUST BE ORIENTED APPROPRIATELY TO PROVIDE CLEARANCE FOR THE INSTALLED D1001325 OPLEV & PCAL RECEIVER.
3. THE MEASURED HEIGHT FROM THE A-1 ADAPTER HORIZONTAL MIDPLANE VIEW PORT TO THE VEA FLOOR IS 74.00.
4. PCAL GROUT PLATES TO BE LEVEL WITHIN .06" OVER ENTIRE SURFACE.

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
.X ± .1
.XX ± .05
ANGULAR ± °

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.~~

MATERIAL: --
FINISH: -- µinch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

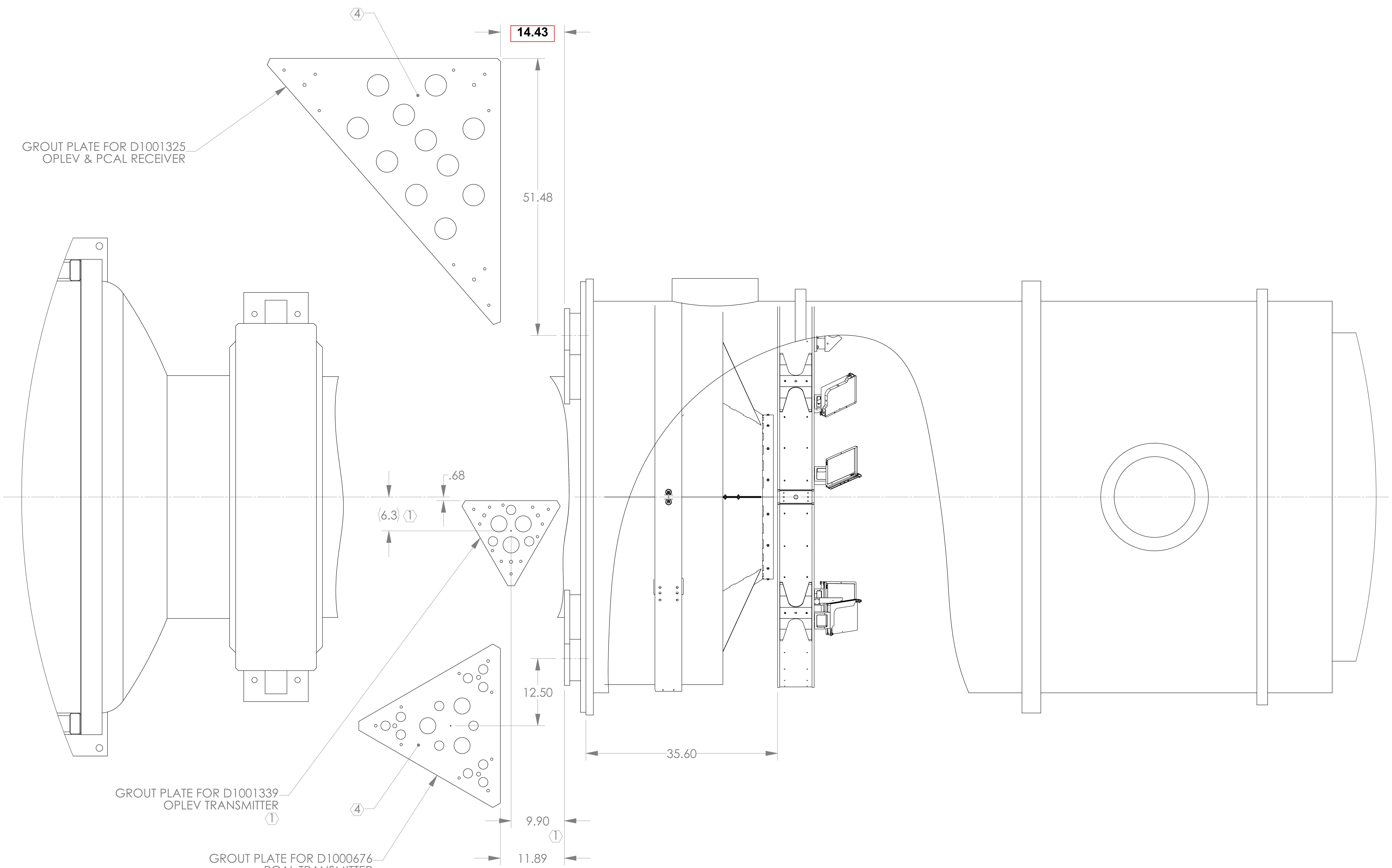
PART NAME: **Floor Occupancy, OpLev & PCal, LHO Y-End Station**

SYSTEM: ADVANCED LIGO
SUB-SYSTEM: AOS
NEXT ASSY:

DESIGNER		
DRAFTER	C. CONLEY	10 NOV 2012
CHECKER	SEE DCN	
APPROVAL	SEE DCN	

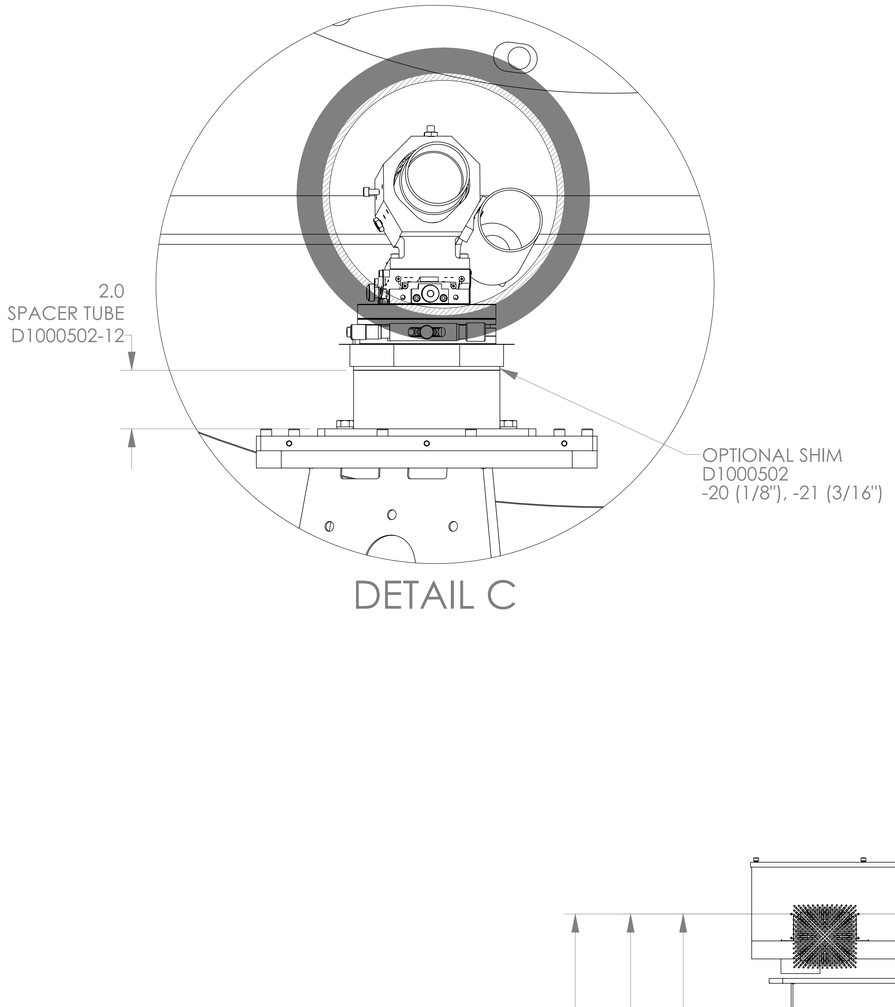
SIZE: E
DWG. NO.: G1000739-v4
REV.
SCALE: NONE
PROJECTION:
SHEET 1 OF 3

D1201460 (aLIGO AOS Optics & Pcal Installation Layout, Y-END Stations, PART FDM REV: X-039, DRAWING FDM REV: X-000

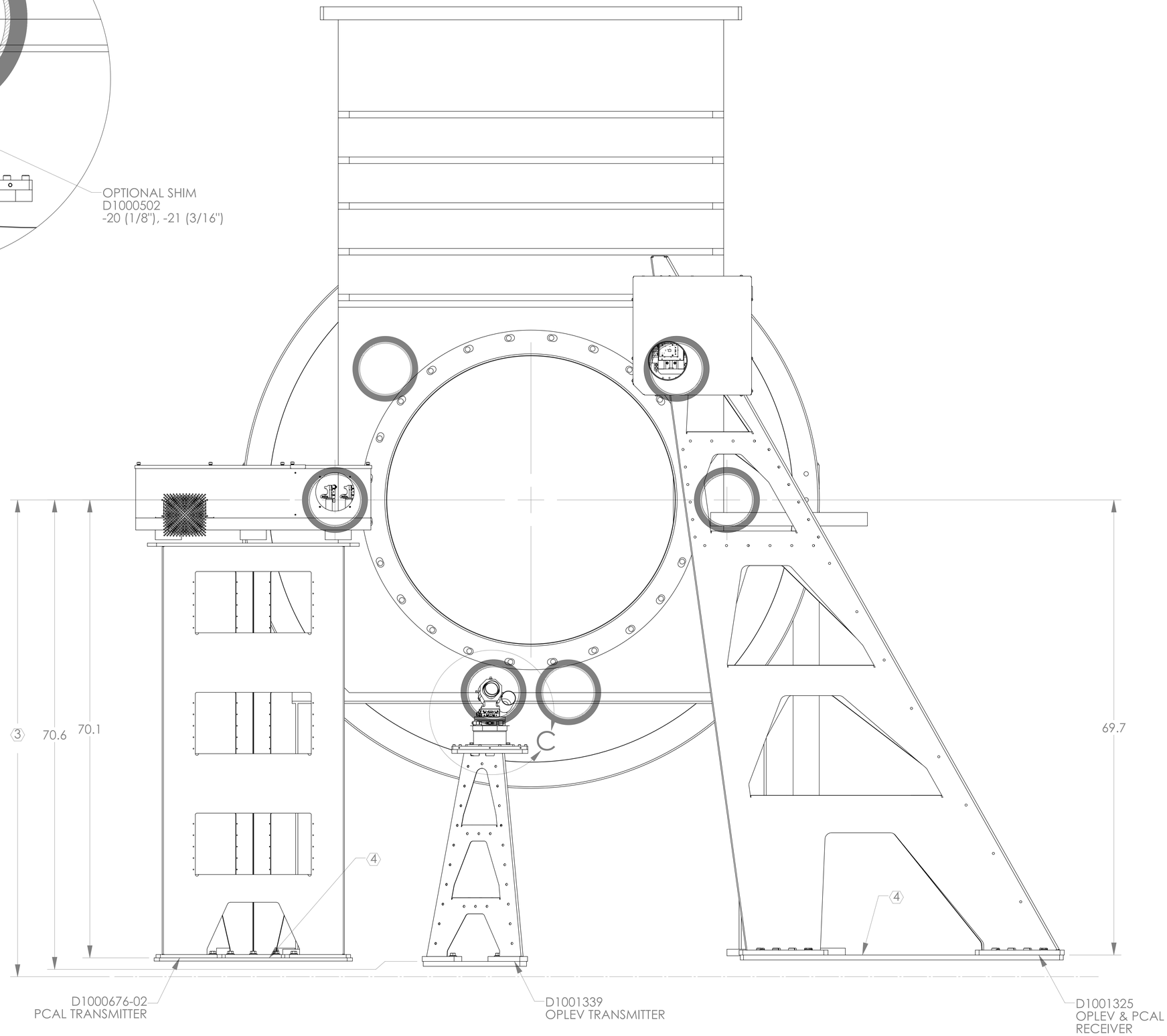


DETAIL A

LIGO	CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE E	DWG. NO. G1000739-v4	REV.
SCALE: NONE	PROJECTION:	SHEET 2 OF 3



DETAIL C



SECTION B-B

LIGO — CALIFORNIA INSTITUTE OF TECHNOLOGY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE	DWG. NO.	REV.
E	G1000739-v4	

SCALE: NONE | PROJECTION: | SHEET 3 OF 3

D1201460 aLIGO AOS Optim & Pcal Installation Layout, Y-End Stations, PART PDM REV: X-039, DRAWING PDM REV: X-000