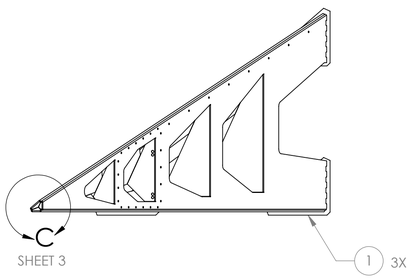
NOTES CONTINUED:

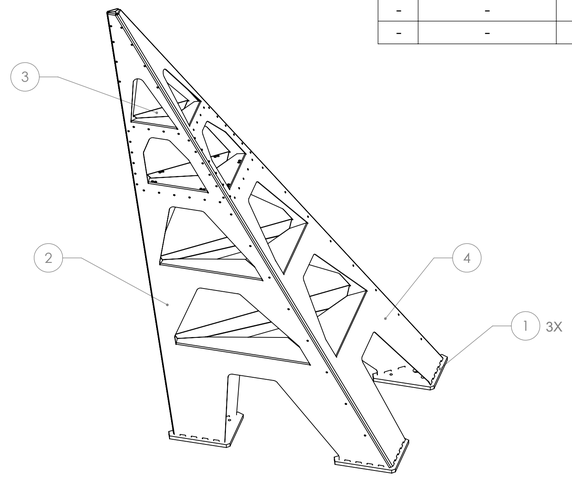
Ⓢ SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. A VIBRATORY TOOL MAY BE USED.
EXAMPLE: DXXXXXXX-VY, TYPE-XX, S/N XXX

Ⓐ FASTEN ITEMS 1 TO D1000836 FOOTING BEFORE APPLYING NOTED WELDS. TO ENSURE ALIGNMENT. FOR EACH ITEM 1, USE THREE 1/2-20 UNF SCREWS TO TAPPED HOLES IN FOOTING. FOOTING MUST BE REMOVEABLE & RE-ATTACHABLE POST-WELD, WITH NO BINDING OF SCREWS. TO BE DELIVERED WITH FOOTING ATTACHED.

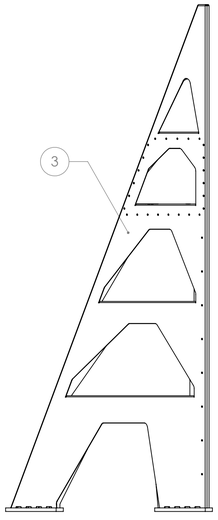
Ⓕ WARPAGE OF ITEM 1 & FOOTING TO BE MINIMIZED USING PREFERRED METHODS, IE. HEAT SINKING.

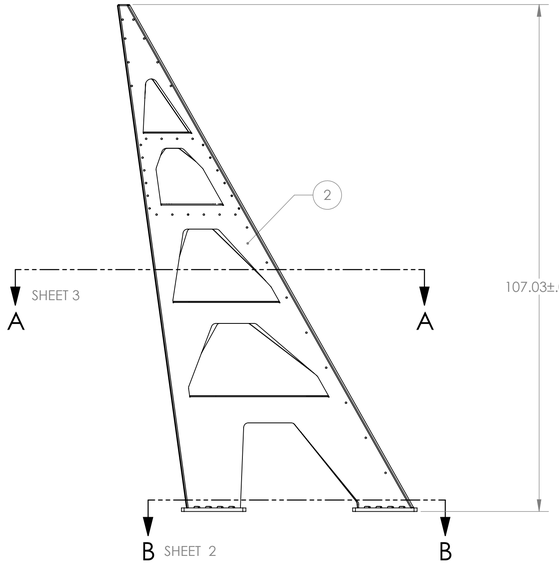
REV.	DATE	DCN #	DRAWING TREE #
v1	17 AUGUST 2010	E1000182-v1	-
-	-	-	-
-	-	-	-

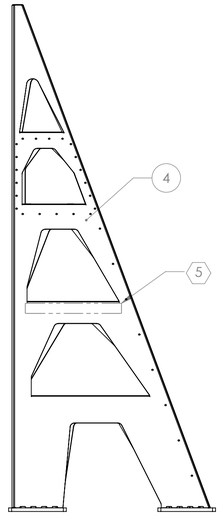


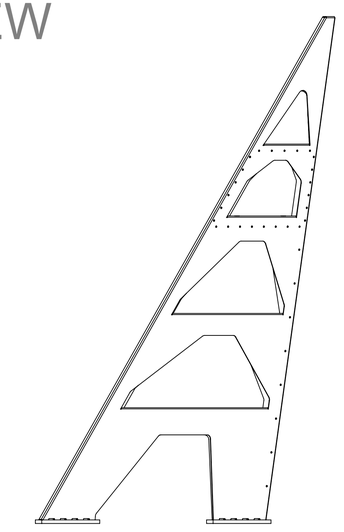


ISO VIEW









ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
4	D1000596-1	ALIGO AOS OPLEV & PHOTCAL RX PIER SIDE PANEL3 (LLO)	304 SSTL	1		1
3	D1000594-1	ALIGO AOS OPLEV & PHOTCAL RX PIER SIDE PANEL1 (LLO)	304 SSTL	1		1
2	D1000595-1	ALIGO AOS OPLEV & PHOTCAL RX PIER SIDE PANEL2 (LLO)	304 SSTL	1		1
1	D1000835	ALIGO AOS PIER BASE 4	304 SSTL	3		3

PARTS LIST

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN

TOLERANCES:
.XX ± N/A
.XXX ± N/A

ANGULAR ± N/A°

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 N/A

FINISH N/A µinch

CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM ADVANCED LIGO

SUB-SYSTEM AOS

NEXT ASSY D1001325

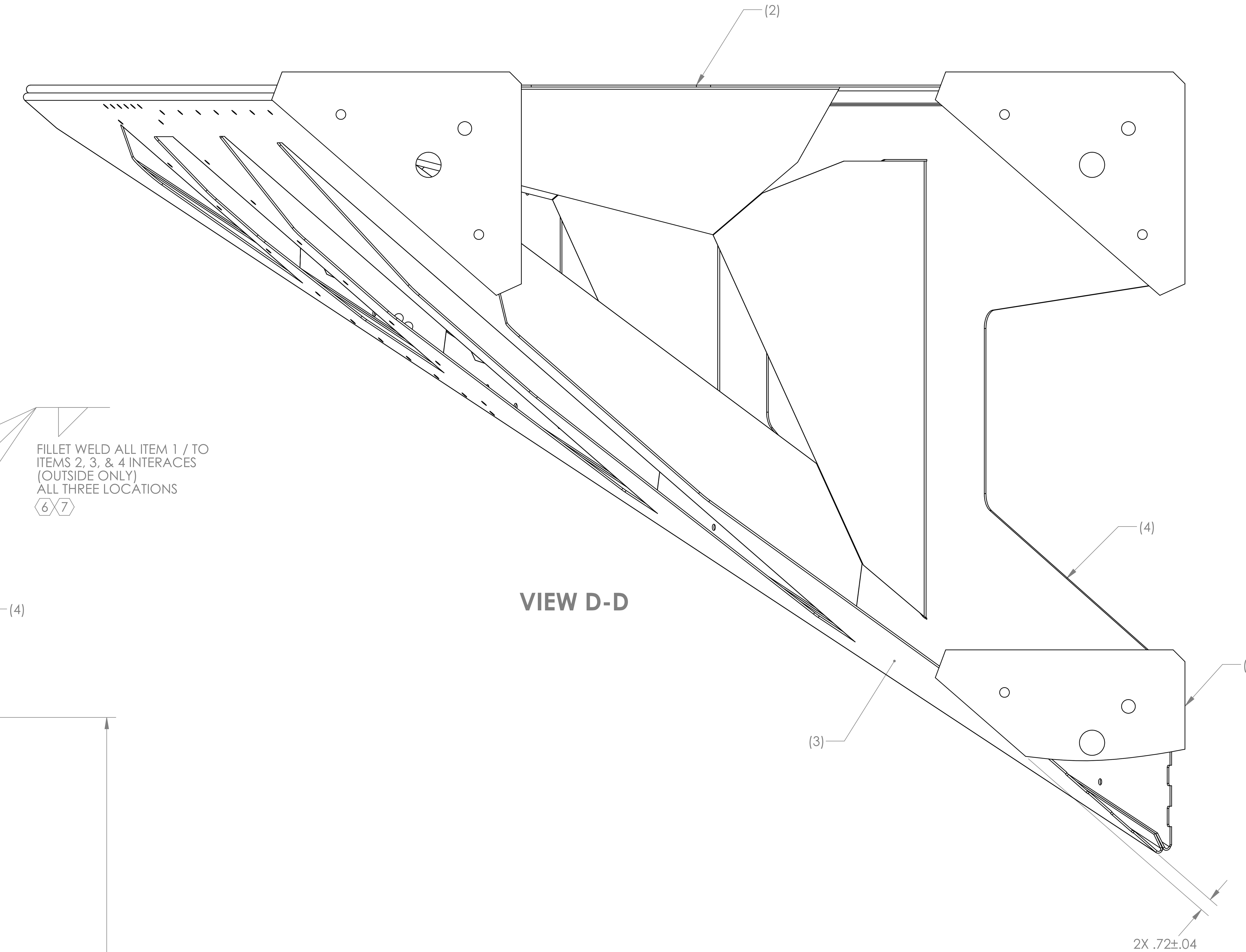
PART NAME ALIGO AOSOPLEV & PHOTCAL RX PIER WELDMENT LH

DESIGNER	C. CONLEY	16 AUG 2010	
DRAFTER	N. KILPATRICK	17 AUG 2010	
CHECKER			
APPROVAL			

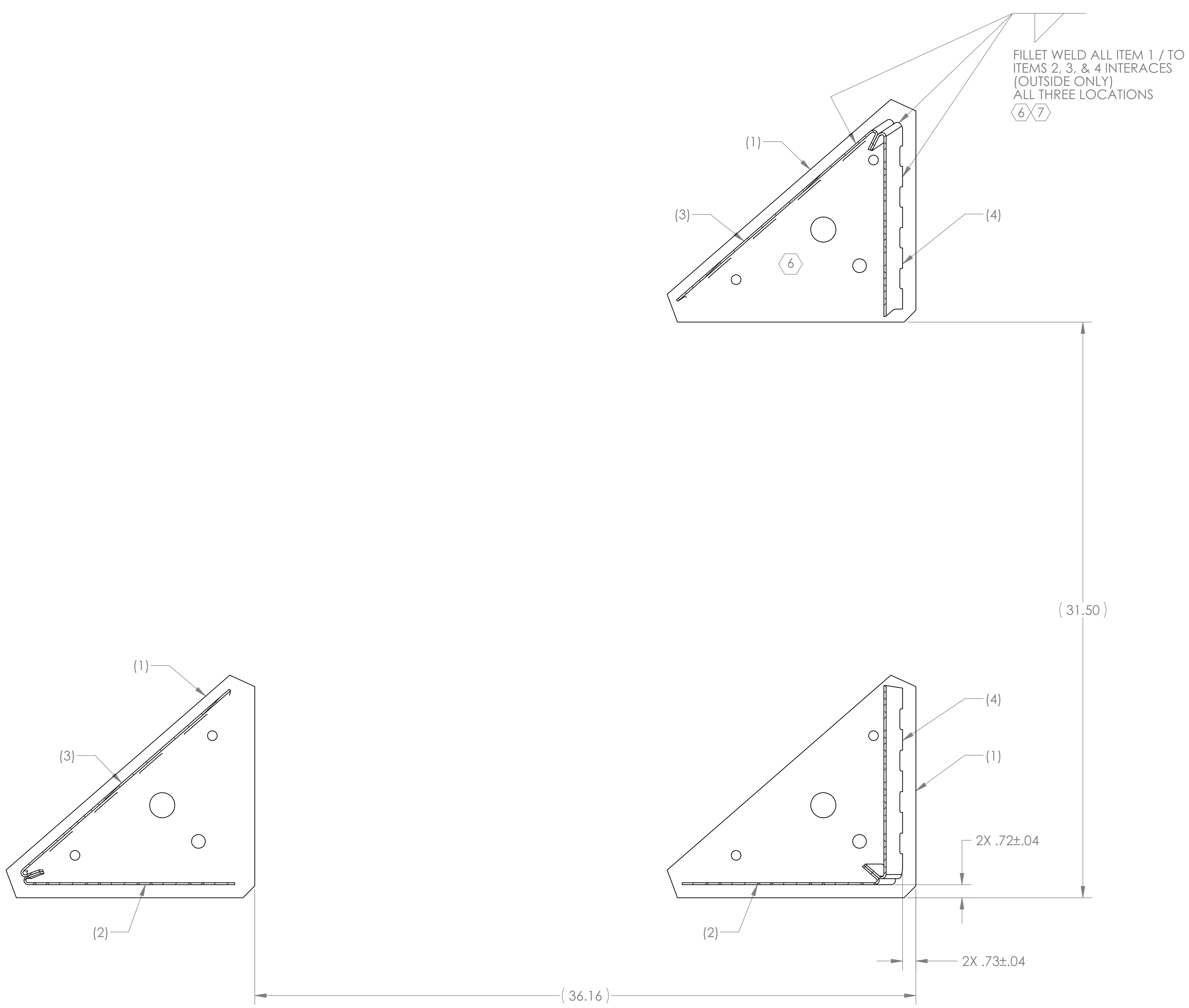
SIZE D **DWG. NO.** D1001292 **REV.** v1

SCALE: 1:16 **PROJECTION:** SHEET 1 OF 3

D1001292 aLIGO AOS Oplev & PhotCal RX Pier Weldment LH (LLO). PART FDM REV: X-005. DRAWING FDM REV: X-012



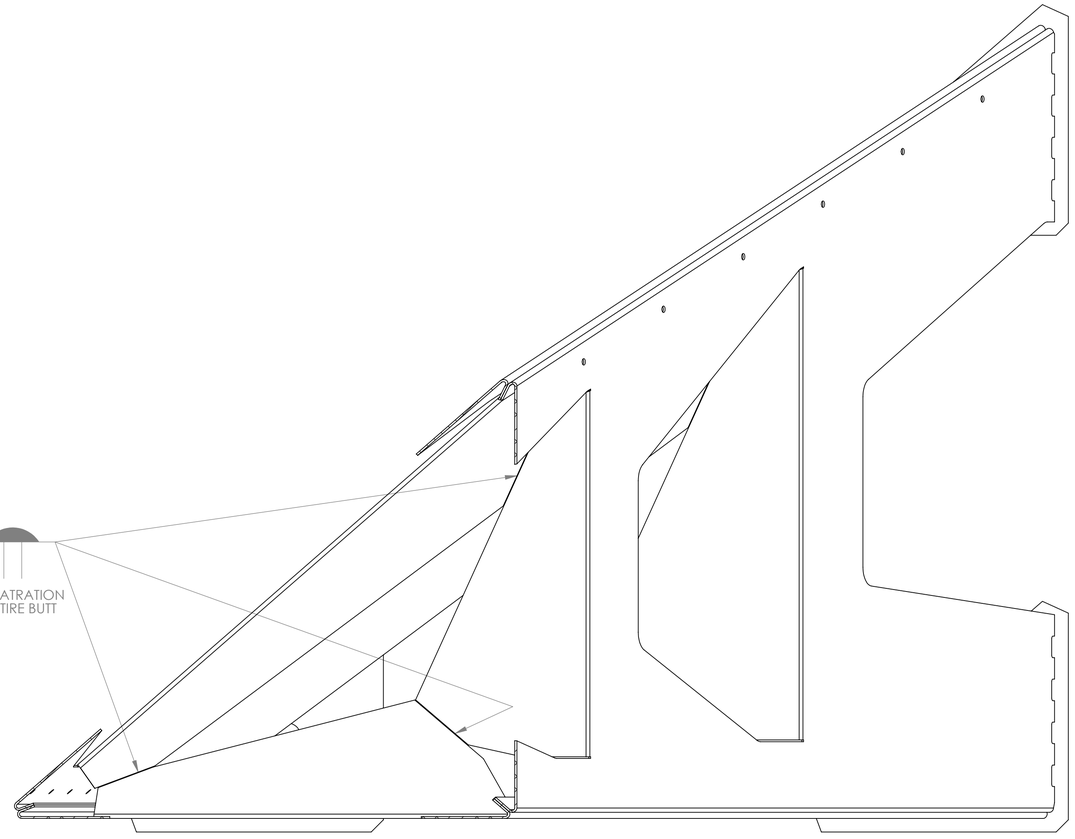
VIEW D-D



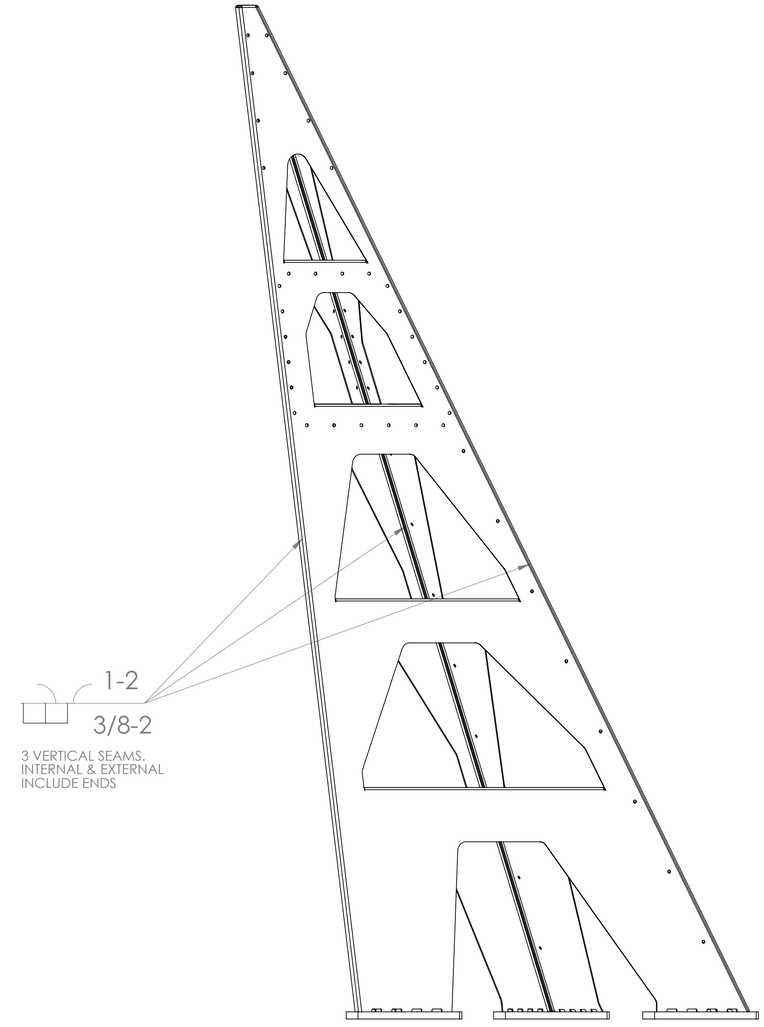
SECTION B-B

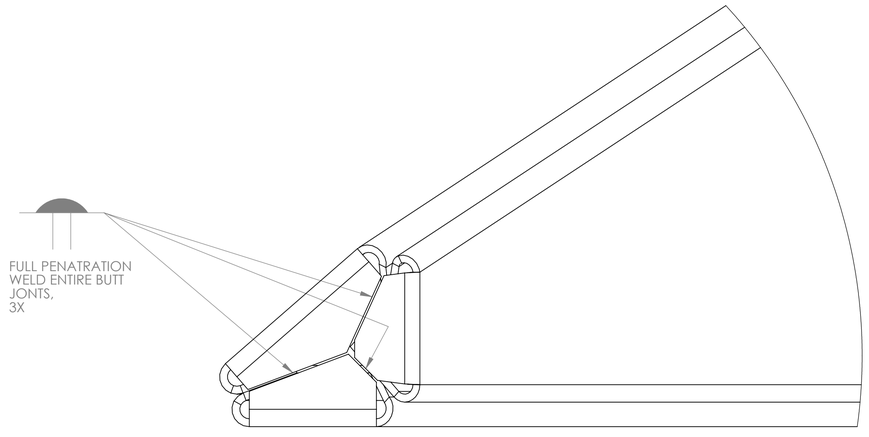
D1001292 aLIGO AOS OpLev & PhotCal RX Pier Weldment LH (LLO), PART PDM REV: X-005, DRAWING PDM REV: X-012

LIGO	CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE D	DWG. NO. D1001292	REV. v1
SCALE: 1:4	PROJECTION:	SHEET 2 OF 3



SECTION A-A
SCALE 1 : 4





DETAIL C
SCALE 1 : 1

LIGO	CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE D	DWG. NO. D1001292	REV. v1
SCALE: 1:8	PROJECTION:	SHEET 3 OF 3