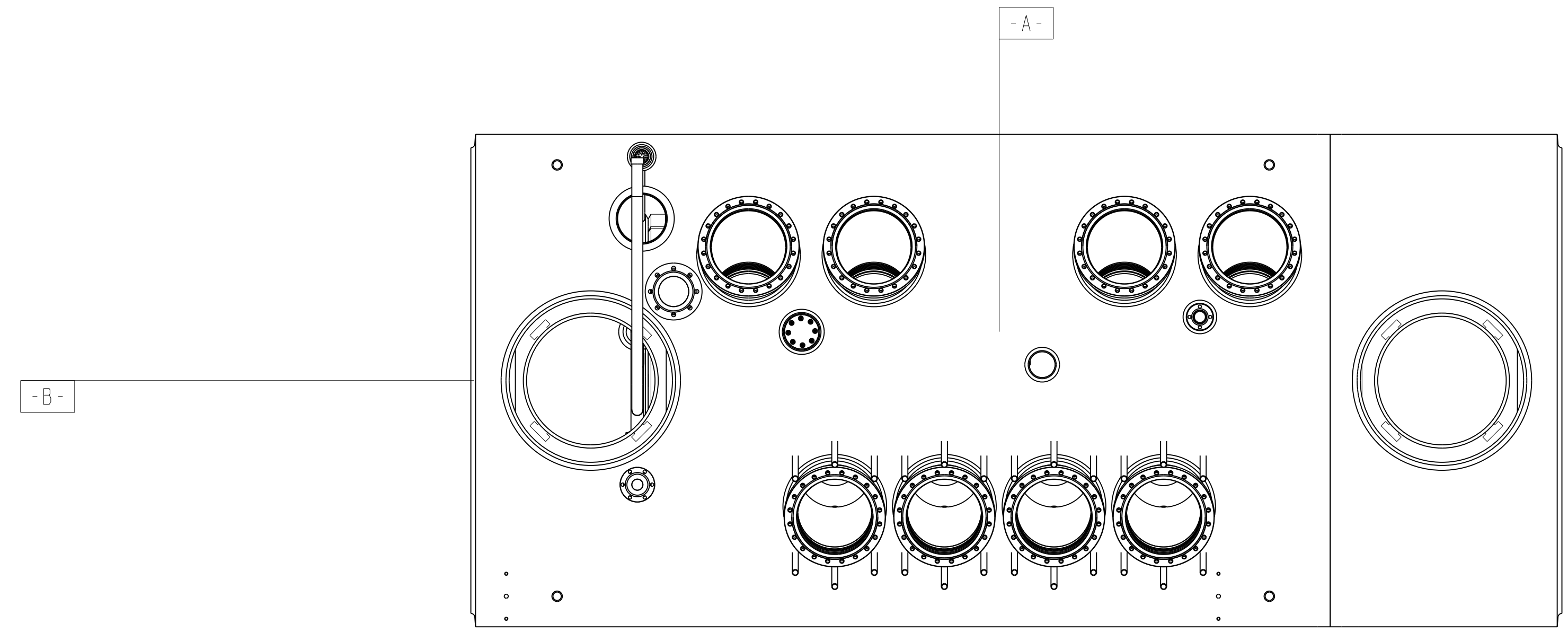


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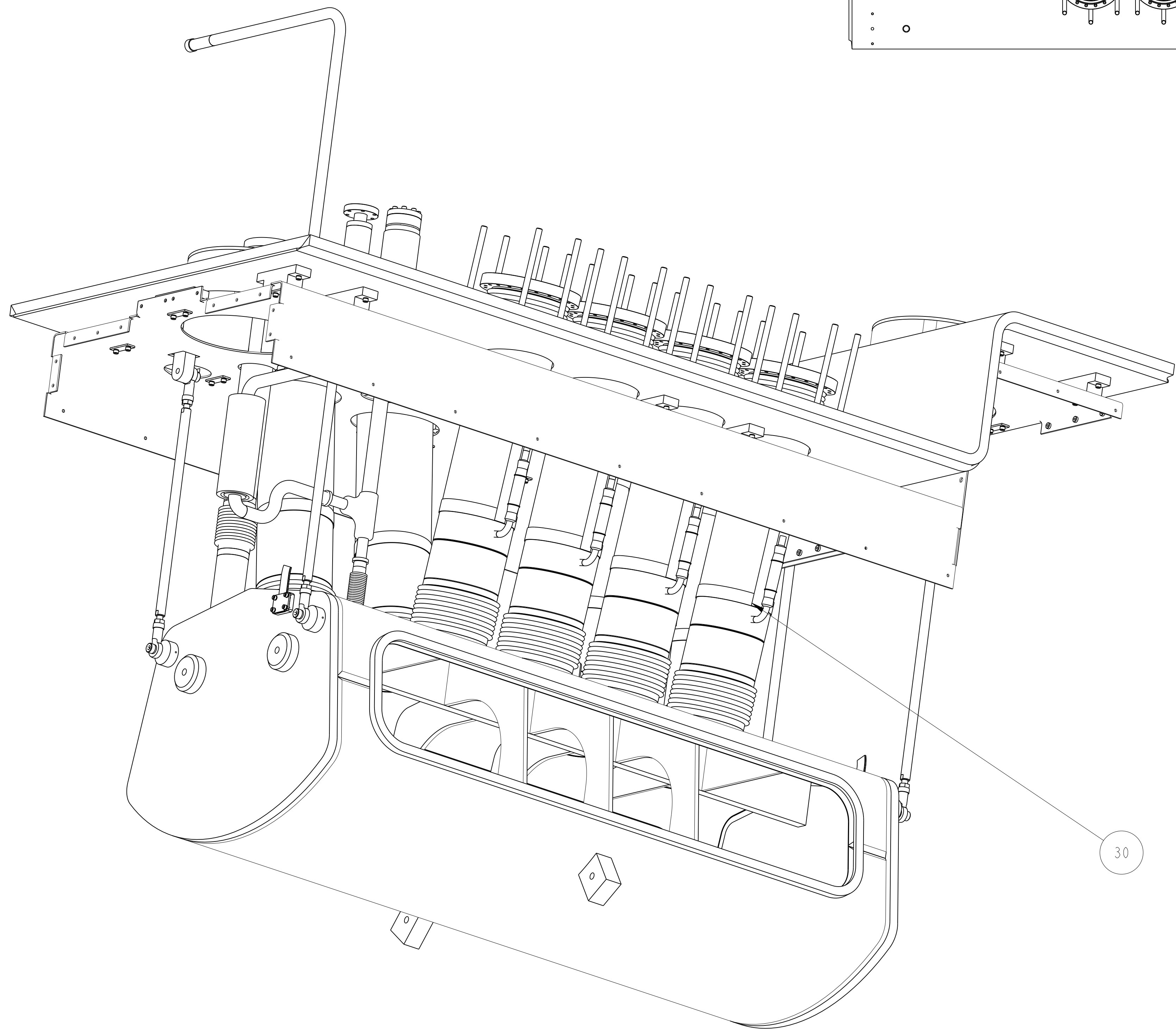
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SCALE 1/8

C

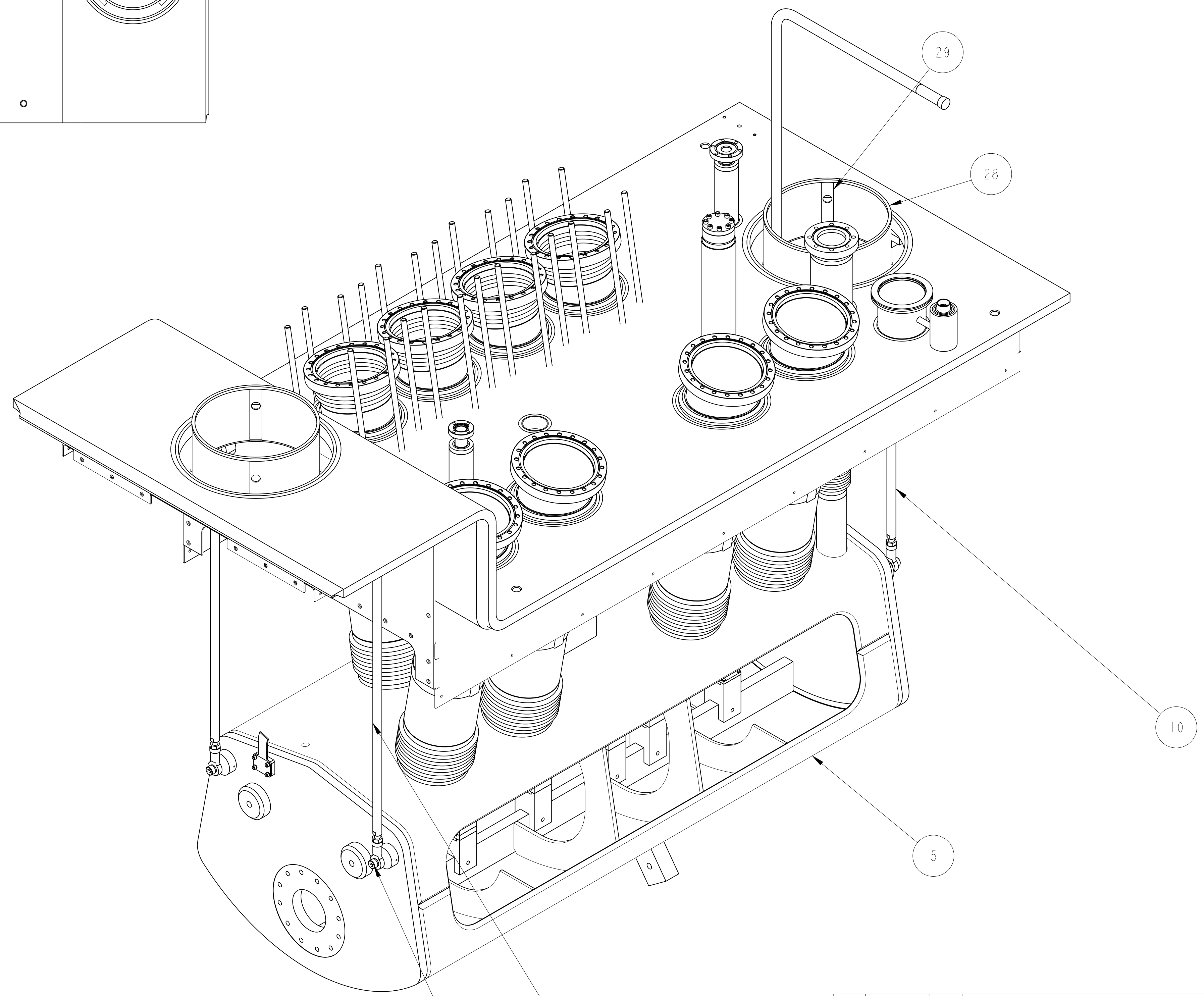
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SCALE 3/16

B

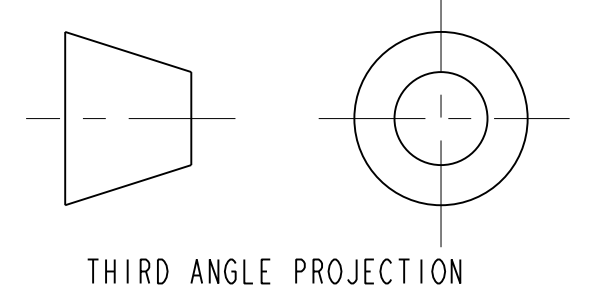
B



SCALE 3/16

- NOTES: UNLESS OTHERWISE SPECIFIED.
- DIMENSIONS AND TOLERANCING PER ANSI Y14.5M-1982 UNITS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
 - USE OF SULFUR OR SILICONE BEARING OILS, LUBRICANTS, OR COOLANTS ARE STRICTLY PROHIBITED.
 - USE OF RESIN OR RUBBER BONDED ABRASIVES UNDER POWER IS STRICTLY PROHIBITED. USE VITREOUS BONDED ABRASIVES ONLY.
 - CLEAN AFTER MACHINING PER VENDOR SPECIFICATION; SUBJECT TO LBNL APPROVAL.
 - VENDOR SUGGESTED CHANGES TO WELD PREPS; SUBJECT TO LBNL APPROVAL.
 - PROTECT FINISHED PART BY BAGGING OR SIMILAR METHOD TO PROTECT AND MAINTAIN CLEANLINESS DURING SHIPMENT AND STORAGE.
 - VENDOR SUGGESTED CHANGES TO TOLERANCES TO FACILITATE ASSEMBLY; SUBJECT TO LBNL APPROVAL.
 - DIMENSIONS SHOWN IN THE INSPECTION OVAL ARE REFERENCED IN THE FABRICATION TRAVELER.
 - ALL COMPONENTS TO BE INSULATED PER MLI SPECIFICATION PROVIDED BY THE VENDOR. SUBJECT TO LBNL APPROVAL.

ITEM	PART NO.	QTY	DESCRIPTION	MATERIAL
34	-	1	4.5" CF NON-ROTATABLE, WELD FLANGE FOR 2.5 DIA PIPE	SS 304L
33	-	32	SCH. 80X1, 30 LG. VENTED, SILVER PLATED	SS 18-8
32	-	8	SCH. 1/2 UNC. X 1.0 LG. SILVER PLATE	SS 18-8
31	-	32	LOCK WASHER, M6	SS
30	-	10	CHIMNEY THERMAL ANCHOR, MIN A/L: .09"	COPPER, OFHC, C101
29	251074	2	THERMAL SHIELD STUB	COPPER, OFHC, C101
28	251446	2	BASE RING	COPPER, OFHC, C101
27	251592	1	THERMAL SHIELD ASSY, DFBX	CD401
26	-	1	DIAGNOSTIC PIPE, 1.0 PIPE	304L SS
25	-	1	CONFLAT, NON-ROTATABLE, 2"	304L SS
24	-	1	VENT SLEEVE 3"PIPE	304L SS
23	25M865	10	WELD FLANGE, CHIMNEY TUBE	304L SS
22	25M864	1	VENT SLEEVE CAP	304L SS
21	25M855	2	DH SLEEVE CAP	304L SS
20	-	2	2.0" TUBE X 6.78 LG	304L SS
19	25M819	16	PLATE, 2 HOLE	304L SS
18	-	1	TUBE, 2.5 OD X .049 WALL	300 SERIES SS
17	25M817	1	BELLOWS, 2.5 BORE, HYSPAN FILE H-1339-2	300 SERIES SS
16	25M816	1	BELLOWS, 1.0 BORE	300 SERIES SS
15	25M816	1	BELLOWS, 1.0 BORE, HYSPAN FILE H-1339-1	300 SERIES SS
14	251334	4	M12 X 1.75 ROD, 9.04 LG	18-8 SS
13	251333	8	M12 X 1.75 ROD, 9.22 LG	18-8 SS
12	251332	4	M12 X 1.75 ROD, 10.75 LG	18-8 SS
11	251331	8	M12 X 1.75 ROD, 10.54 LG	18-8 SS
10	25M851	2	SHORT VERTICAL SUPPORT ASSEMBLY	-
9	25M850	2	LONG VERTICAL STRUT ROD ASSEMBLY	-
8	251636	1	DH VENT PIPE	-
7	251149	1	TOP PLATE WELDMENT IPS LEFT	-
6	251161	1	CHECK VALVE ASSY	-
5	251575	1	LIQUID HELIUM TANK - 8 PORT LEFT	-
4	251327	4	HTS CHIMNEY ASSY TOP	-
3	251177	1	4 1/2" PUMPING PORT, CRYOGENIC DIAGNOSTIC ASSY.	-
2	251175	4	VAPOR COOLED LEAD CHIMNEY ASSY	-
1	251174	4	HTS CHIMNEY ASSY LOWER	-



THIRD ANGLE PROJECTION

REV	DATE	BY	CHK	ZONE	DATE	DESCRIPTION
A	10/7/02	JDR	DPQ			INITIAL RELEASE

UNLESS OTHERWISE SPECIFIED	SHOP ORDERS	DATE	DESCRIPTION
TOLERANCES: X.X ± 0.1 FRACTION ± 1/64	NO		
X.XX ± 0.03 ANGLES ± 1.0°	NO		
X.XXX ± 0.010 FINISH: 125/32	NO		
DO NOT SCALE PRINT	NO		
THREAD ANGLES: 60°	NO		
CHAMFER ENDS OF ALL SCREW THREADS: 30°	NO		
BREAK EDGES: 0.16 MAX. ON MACHINED WORK	NO		
REMOVE BURRS, WELD SPATTER & LOOSE SCALE	NO		
IN ACCORDANCE WITH ASME Y14.5M-1994	NO		

ERNEST ORLANDO LAWRENCE
BERKELEY NATIONAL LABORATORY
 UNIVERSITY OF CALIFORNIA - BERKELEY

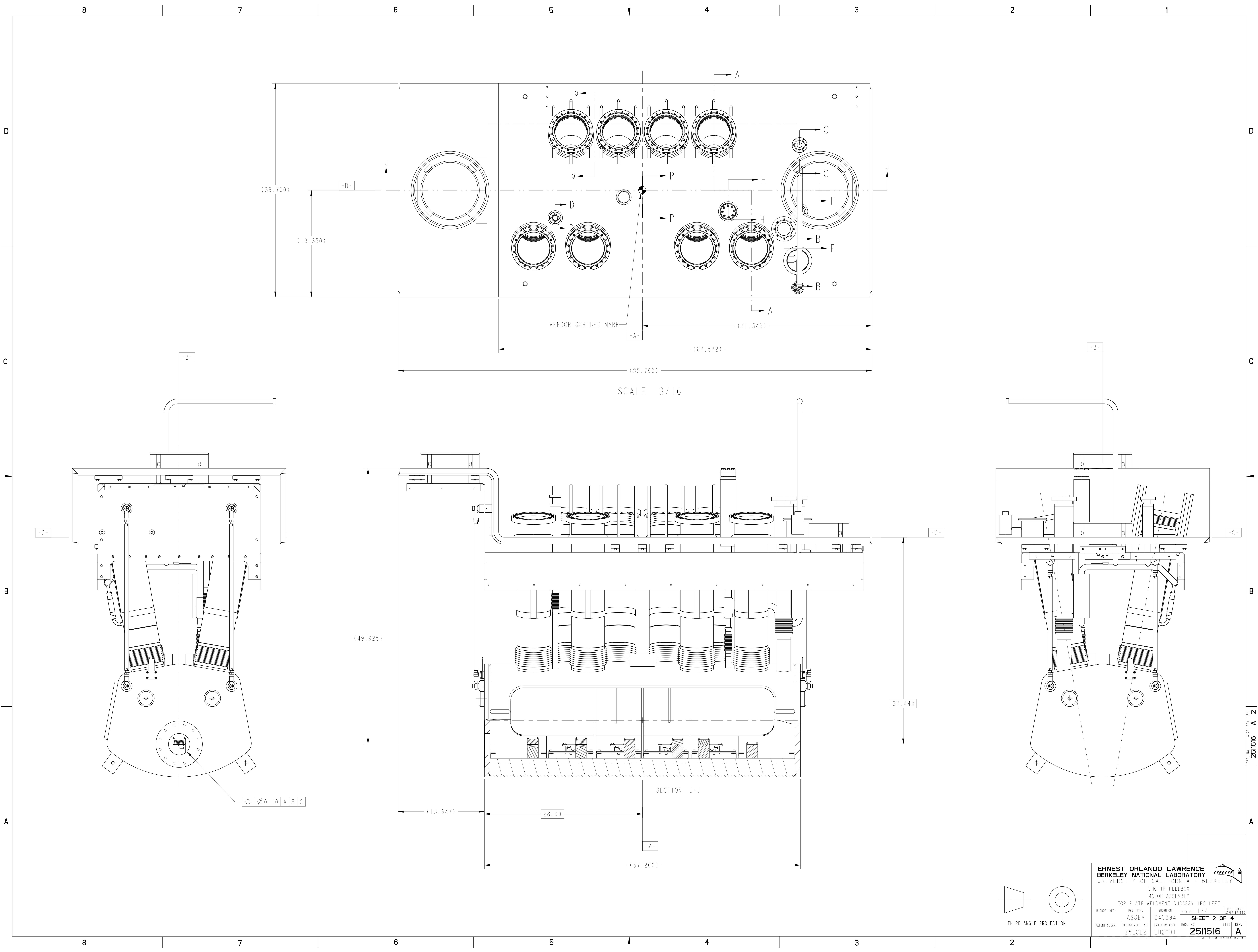
LHC IR FEEDBOX
 MAJOR ASSEMBLY
 TOP PLATE WELDMENT SUBASSY IPS LEFT

MICROFILMED: DWG. TYPE: SHOWN ON: SCALE: 1/4
 ASSEM 24C394
 SHEET 1 OF 4
 251516

A

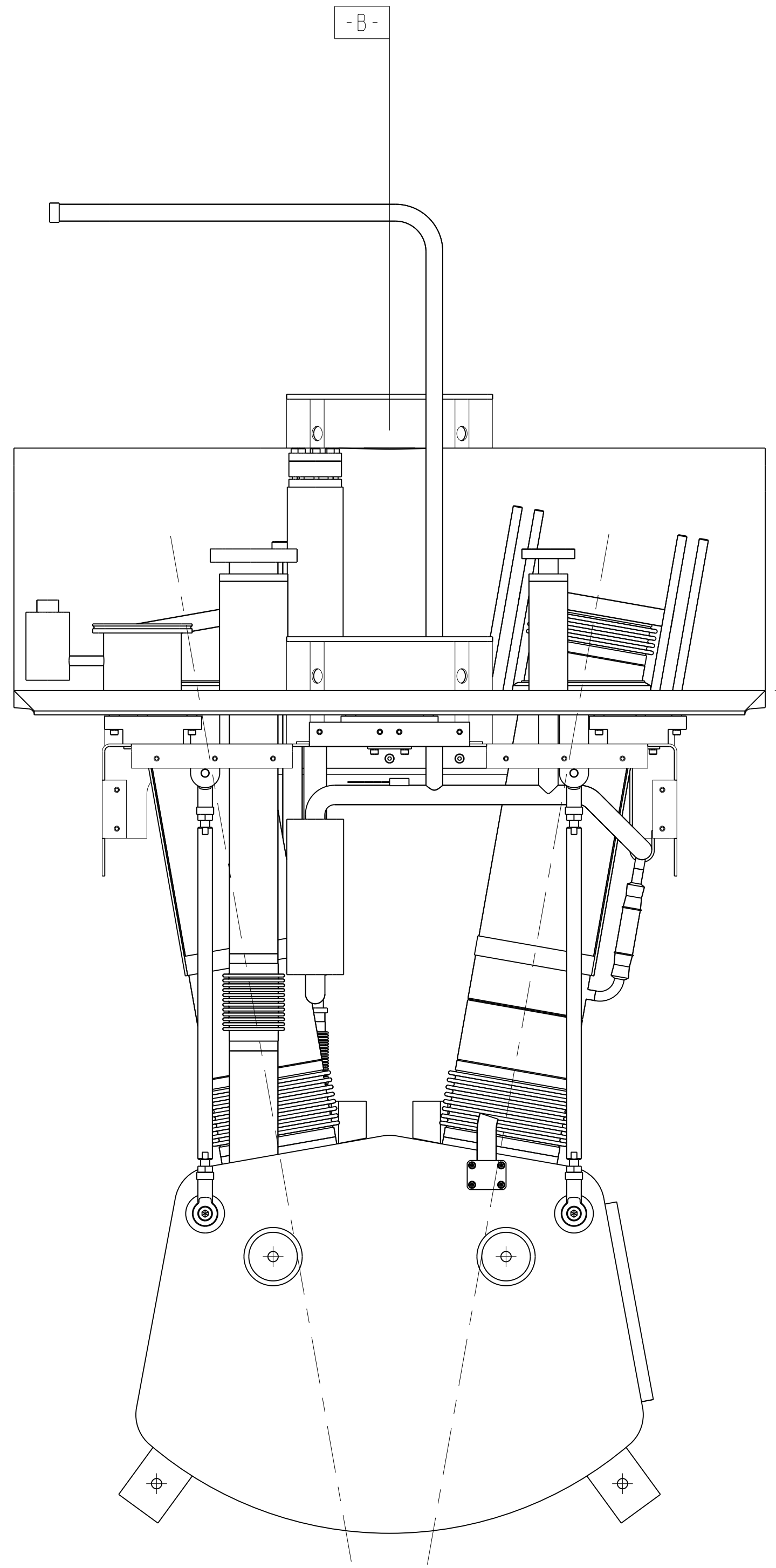
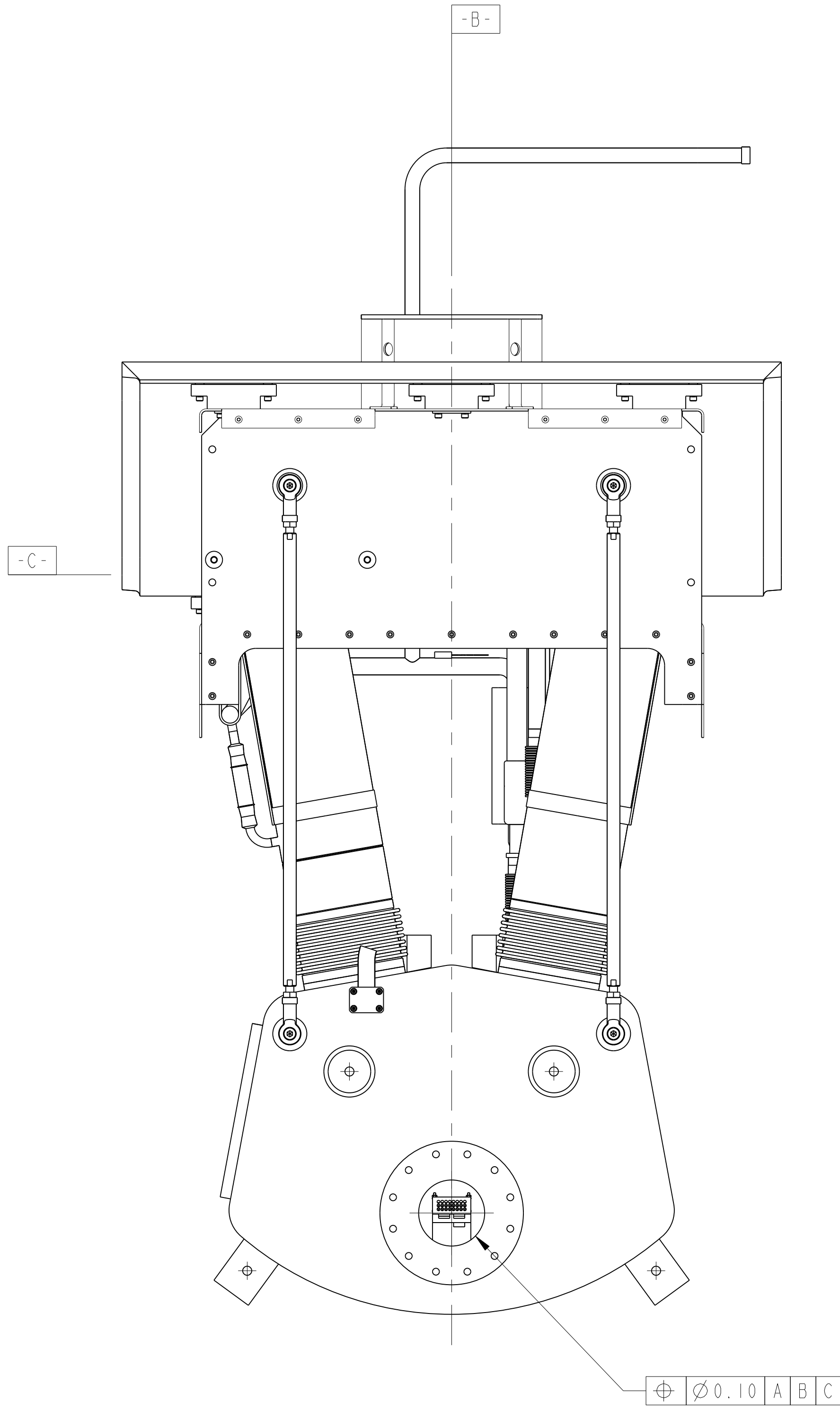
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251516 A 1

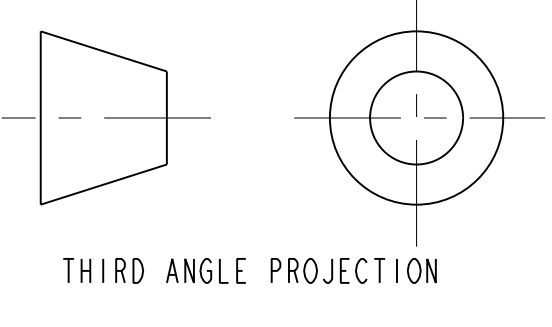


SCALE 3/16

SECTION J-J



ERNEST ORLANDO LAWRENCE UNIVERSITY OF CALIFORNIA BERKELEY			
LHC IR FEEDBOX MAJOR ASSEMBLY TOP PLATE WELDMENT SUBASSY 1PS LEFT			
MICROFILMED:	DWG. TYPE:	SHOWN ON:	SCALE: 1/4
PATENT CLEAR:	DESIGN ACCT. NO:	CATEGORY CODE:	DWG. NO. REV.:
	Z5LCE2	LH2001	2511516 4
			DO NOT SCALE PRINTS
			SHEET 2 OF 4
			SIZE REV. A

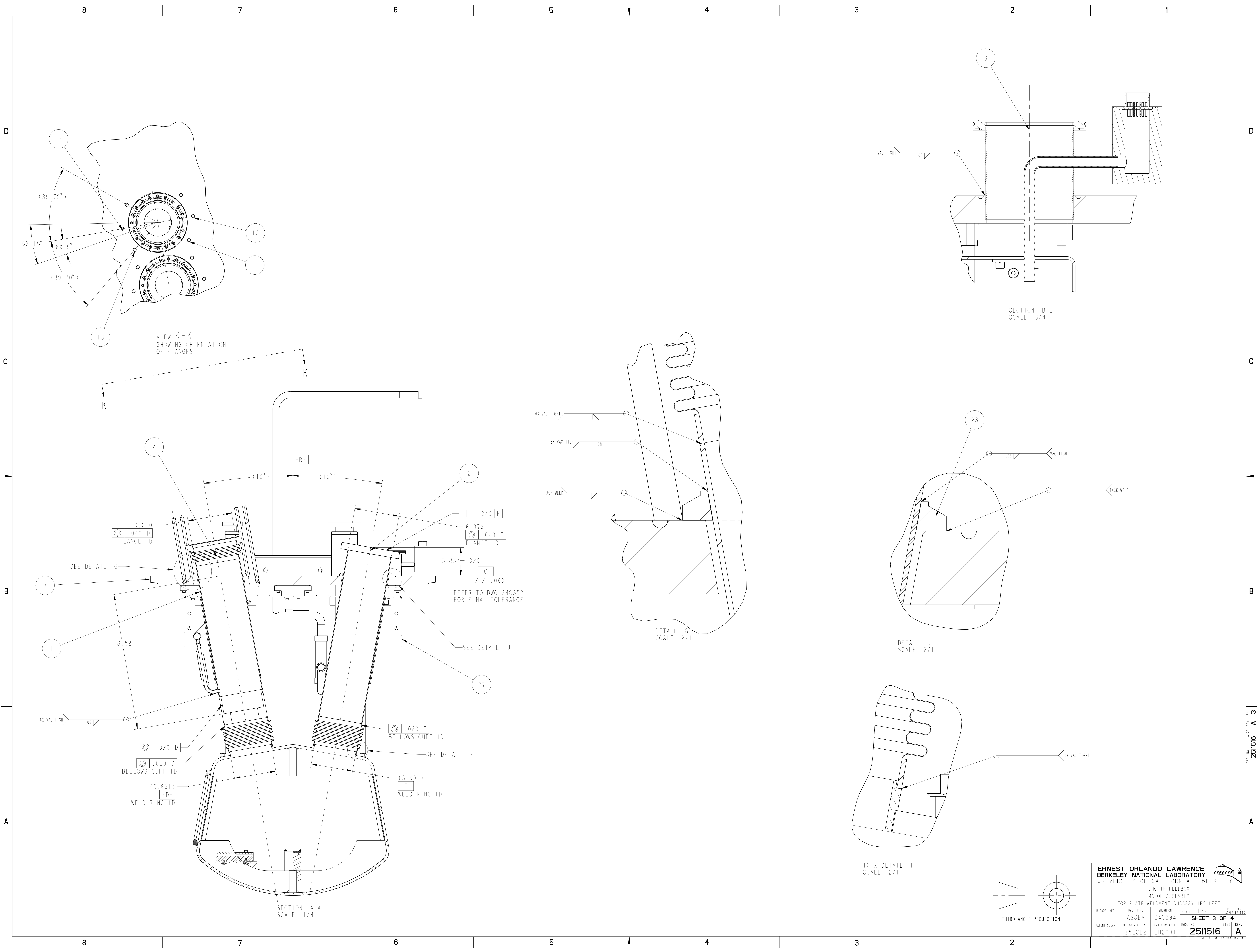


DWG. NO. 2511516

SHEET 2 OF 4

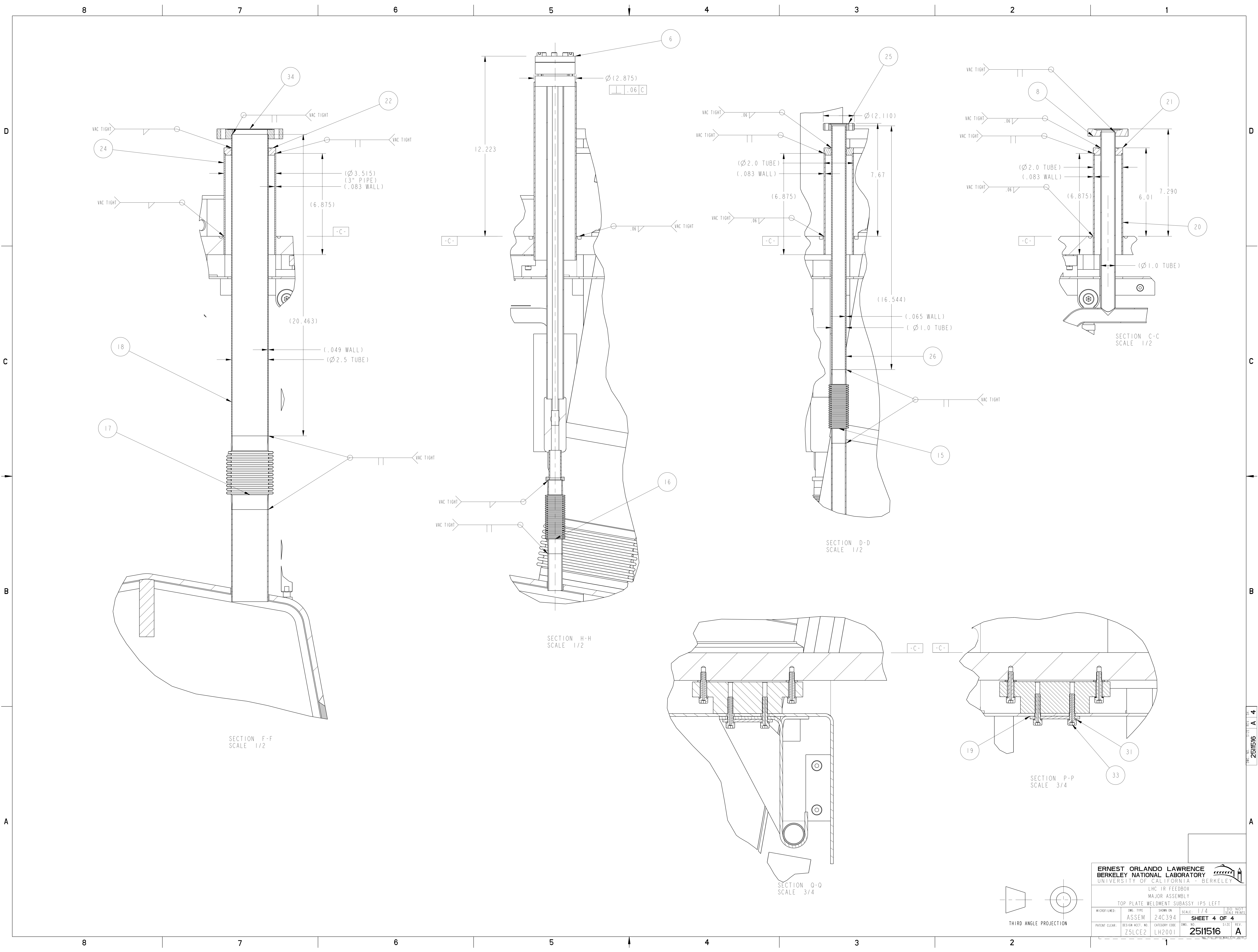
REV. A

REV. A

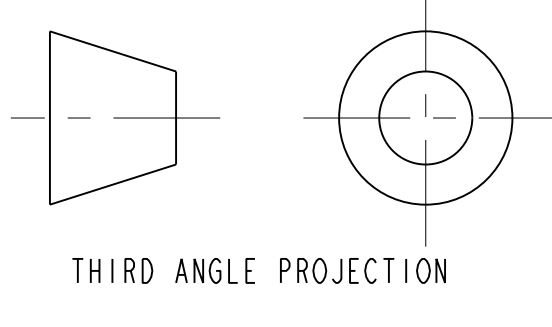


ERNEST ORLANDO LAWRENCE UNIVERSITY OF CALIFORNIA - BERKELEY			
LHC IR FEEDBOX MAJOR ASSEMBLY TOP PLATE WELDMENT SUBASSY 1PS LEFT			
MICROFILMED:	DWG. TYPE:	SHOWN ON:	SCALE:
	ASSEM	24C394	1/4
SHEET 3 OF 4		DO NOT SCALE PRINTS	
PATENT CLEAR:	DESIGN ACCT. NO.	CATEGORY CODE:	DWG. NO.
	ZSLCE2	LH2001	2511516
			SIZE: REV. A

DWG. NO. 2511516 SHEET 3 OF 4



ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY <small>UNIVERSITY OF CALIFORNIA - BERKELEY</small>			
LHC IR FEEDBOX MAJOR ASSEMBLY TOP PLATE WELDMENT SUBASSY IPS LEFT			
MICROFILMED:	DWG. TYPE:	SHOWN ON:	SCALE:
	ASSEM	24C394	1/4
PATENT CLEAR:		DESIGN ACCT. NO:	DWG. NO.:
		ZSLCE2	LH2001
		REV.:	SIZE:
		2511516	A



2511516
 SHEET 4 OF 4
 A 4