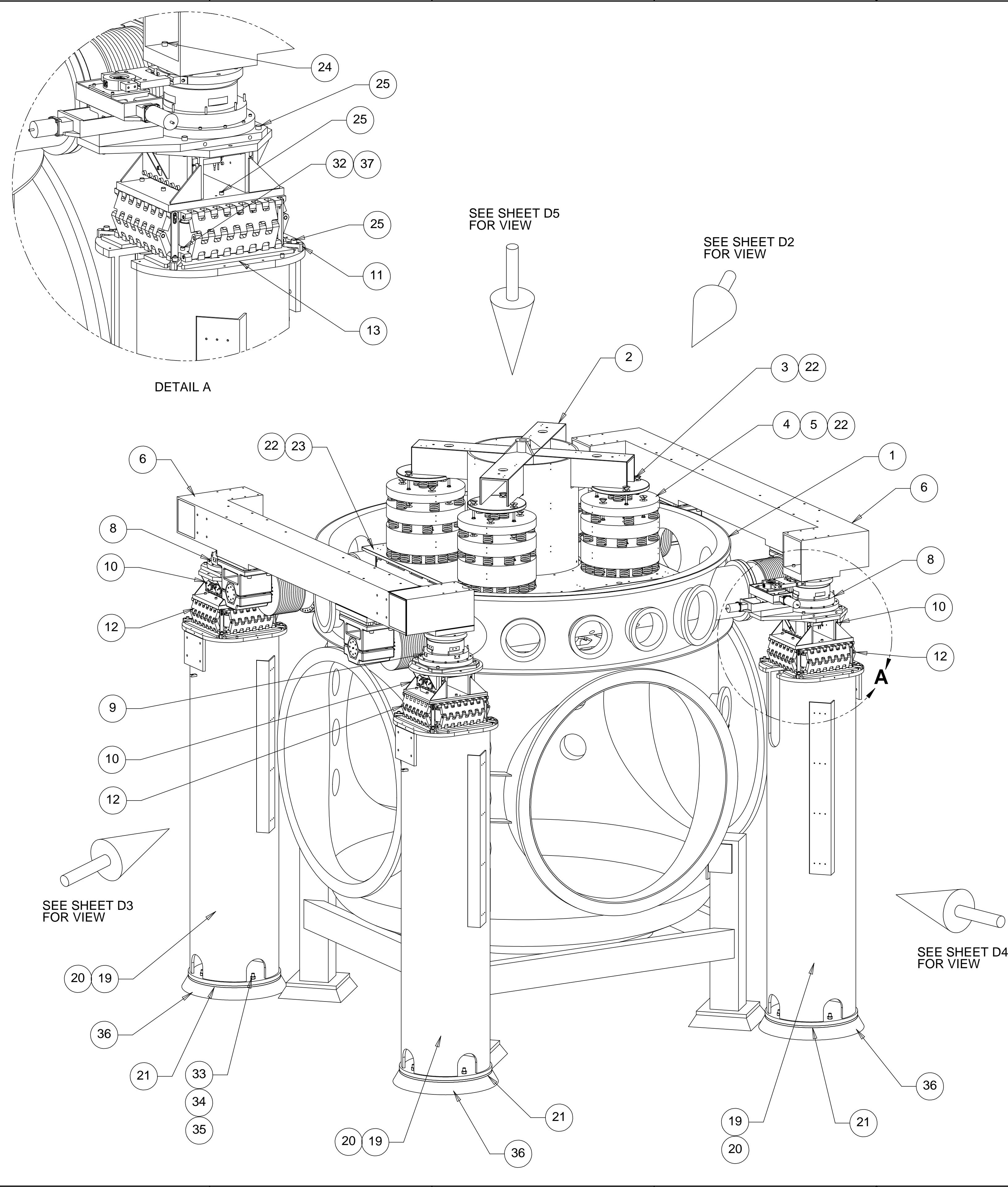


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



- 1 ASSEMBLY FOR HANFORD
- 3 ASSEMBLY FOR LIVINGSTON

ITEM NO.	QTY.	QTY.	PART NO.	DESCRIPTION
1	1	1		BSC CHAMBER
2	1	1	D972210-1	DOWNTUBE / SUPPORT TABLE ASSEMBLY
3	12	12	D972217-5	ISOLATION STACK LEG SCREW #3
4	4	4	D972201-1	ISOLATION STACK LEG ASSEMBLY
5	12	12	D972217-9	ISOLATION STACK SAFETY PIN
6	2	2	D972118-1	CROSSBEAM WELDMENT
7	32	32	D972146-1	SCISSORS TABLE MOUNTING CLAMP
8	2	2	D972102-1	COURSE X-Y DRIVEN TRANSLATION ASSEMBLY
9	2	2	D972103-1	COURSE X-Y FLOATING TRANSLATION ASSEMBLY
10	4	4	D972101-1	FLEXURE MOUNT ASSEMBLY
11	16	16	D972418-1	PIER PLATE ADAPTOR MOUNTING CLAMP
12	4	4	D972104-1	SCISSORS TABLE ASSEMBLY
13	4	4	D972904-1	PIER PLATE ADAPTOR
14	2	2	D792121-1	SUPPORT TUBE WELDMENT
15	4	4	D972122-1	EXPANSION BELLOWS
16	4	4	D972123-1	SUPPORT TUBE SPHERICAL MOUNT
17	4	4	D972124-1	SUPPORT TUBE MOUNT CAP
18	4	4	D972125-1	SUPPORT TUBE MOUNT BASE
19	0	4	D972128-3	SUPPORT PIER (FOR LIVINGSTON)
20	4	0	D972128-1	SUPPORT PIER (FOR HANFORD)
21	4	4	D972126-1	PIER LEVELING & GROUT PLATE
22	60	60	WFV-38	VENTED WASHER, U-C COMPONENTS, INC.
23	36	36		SOC HD SST SCREW, 3/8-24 UNF-2A X 1.25 LG
24	48	48		SOC HD SCREW, 1/2-13 UNC-2A X 3.50 LG
25	64	64		SOC HD SCREW, 1/2-13 UNC-2A X 2.25 LG
26	4	4	MDC# 191028	COPPER GASKET
27	4	4	MDC# 191020	COPPER GASKET
28	120	120	MDC #190014	SOC HD SCREW, (3/8-24 UNF-2A X 2.00 LG)
29	96	96	MDC #190010	SOC HD SCREW, (5/16-24 UNF-2A X 1.75 LG)
30	16	16		SOC HD SCREW, 5/8-18 UNC-2A X 2.50 LG
31	16	16		SOC HD SCREW, 3/4-16 UNF-2A X 2.75 LG
32	16	16		SOC HD SCREW, 3/8-16 UNC-2A X 1.50 LG
33	16	16	806-34-812	BARNHILL BOLT THREADED ANCHOR, 3/4-10 UNC-2A WITH 4.5" THREAD LENGTH
34	16	16		NUT, 3/4-10 UNC-2B
35	16	16		FLAT WASHER, 3/4
36	AR	AR		GROUT
37	16	16		FLAT WASHER, 3/8
DASH NO.	-1	-3		

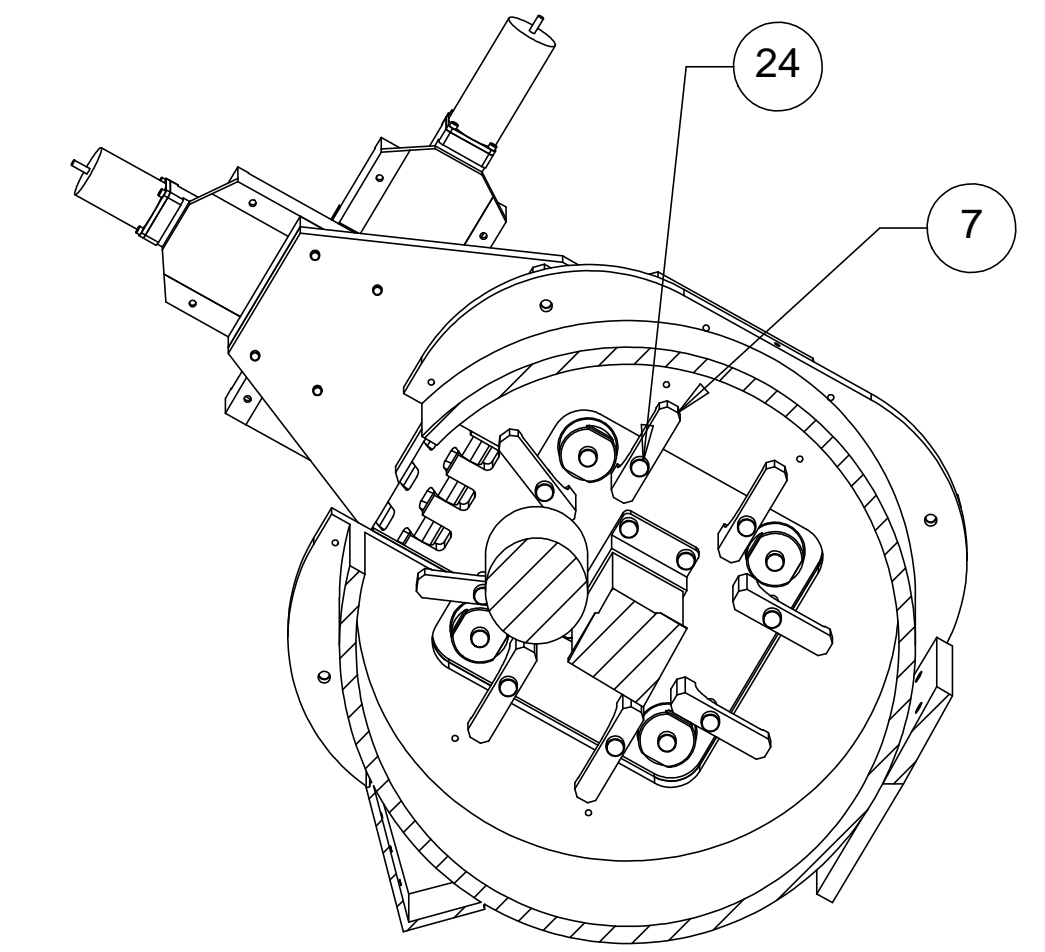
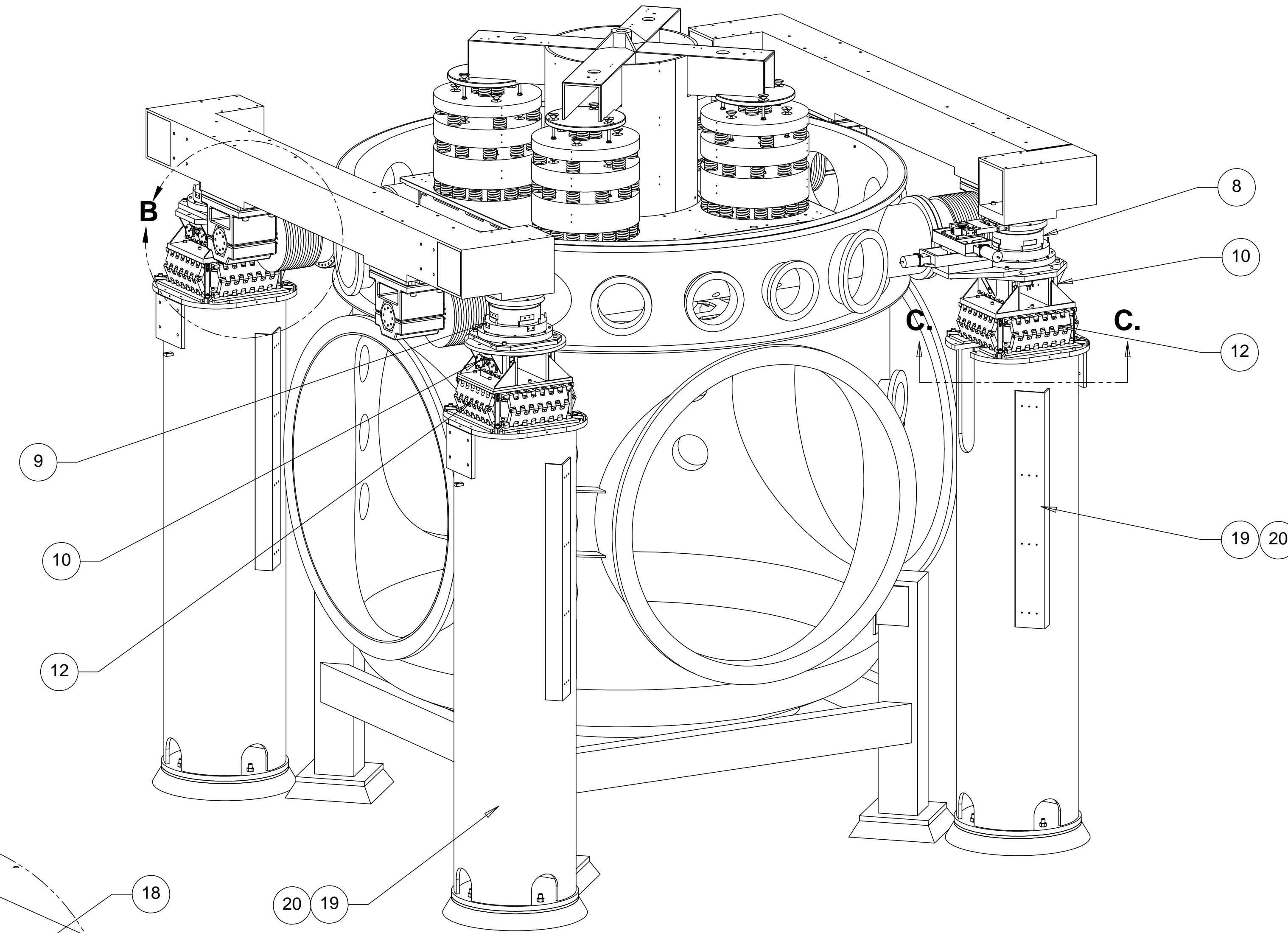
PARTS LIST				HYTEC, INC	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES -TOLERANCES-		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE DO NOT SCALE DRAWING		TITLE LIGO BSC TOP ASSEMBLY	
DECIMALS .XX = +/- .03 .XXX = +/- .010	ANGULAR = +/- .30° SURFACE FINISH = 250	FINISH	SIGNATURE	DATE	DWG. NO.
			ROGER L. SMITH	5-28-97	D972001
			ROGER L. SMITH	5-28-97	SIZE SHEET NO.
			HARRY SALAZAR	5-12-98	D 1 of 5
			T. THOMPSON	5-12-98	REVISION
			T. THOMPSON	5-12-98	SCALE 1/16
PART NO. D972001-1					

8 7 6 5 4 3 2 1

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

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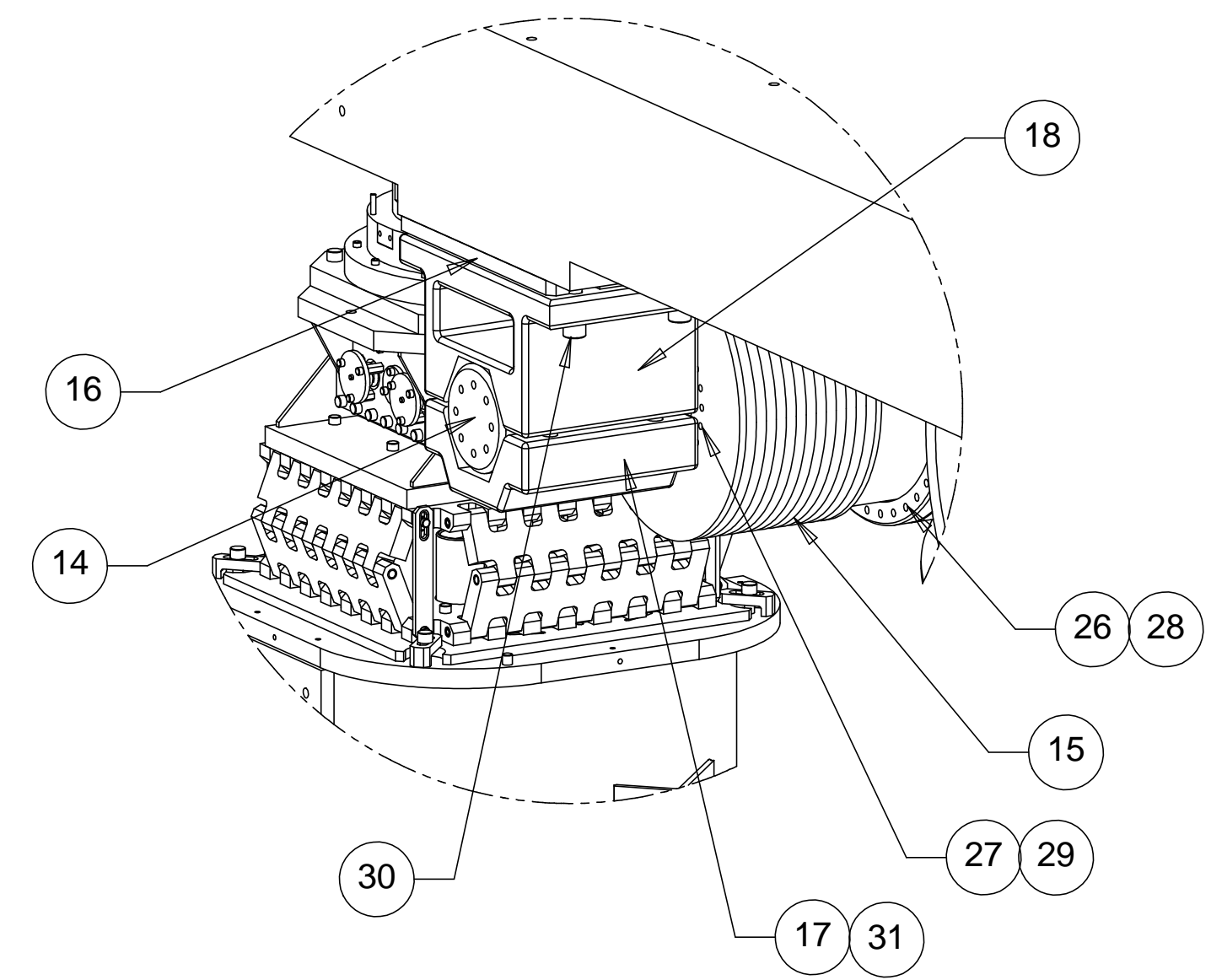
SECTION C-C

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DETAIL B

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PARTS LIST			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES -TOLERANCES- DECIMALS ANGULAR = +/- .30' .XX = +/- .03 SURFACE FINISH = 250 .XXX = +/- .010	CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE DO NOT SCALE DRAWING		HYTEC, INC TITLE LIGO BSC TOP ASSEMBLY
			FINISH
PART NO. D972001-1	DRAWN ROGER L. SMITH	5-28-97	DWG. NO. D972001
	CHECKED HARRY SALAZAR	5-12-98	SIZE D
	ENGR. T. THOMPSON	5-12-98	SHEET NO. 2 of 5
APPROVED T. THOMPSON	5-12-98	SCALE NONE	REVISION

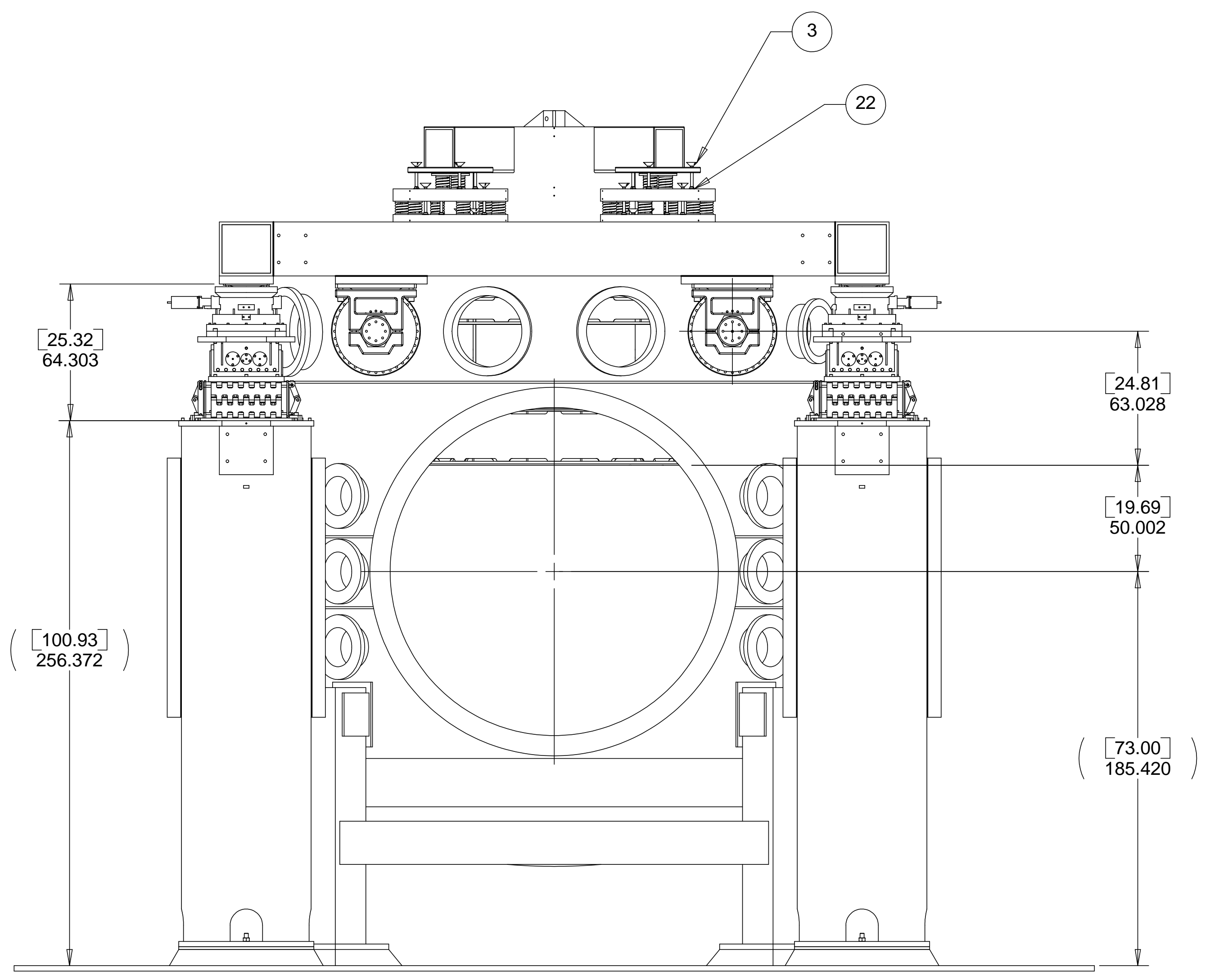
8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

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PARTS LIST			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES -TOLERANCES-	CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE DO NOT SCALE DRAWING		TITLE HYTEC, INC LIGO BSC TOP ASSEMBLY
	DECIMALS .XX = +/- .03 .XXX = +/- .010	ANGULAR = +/- .30' SURFACE FINISH = 250	
FINISH	SIGNATURE	DATE	DWG. NO.
PART NO. D972001-1	DESIGNED	ROGER L. SMITH	5-28-97
	DRAWN	ROGER L. SMITH	5-28-97
	CHECKED	HARRY SALAZAR	5-12-98
	ENGR.	T. THOMPSON	5-12-98
APPROVED	T. THOMPSON	5-12-98	SIZE SHEET NO. D 3 of 5
REVISION			REVISION

8 7 6 5 4 3 2 1

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

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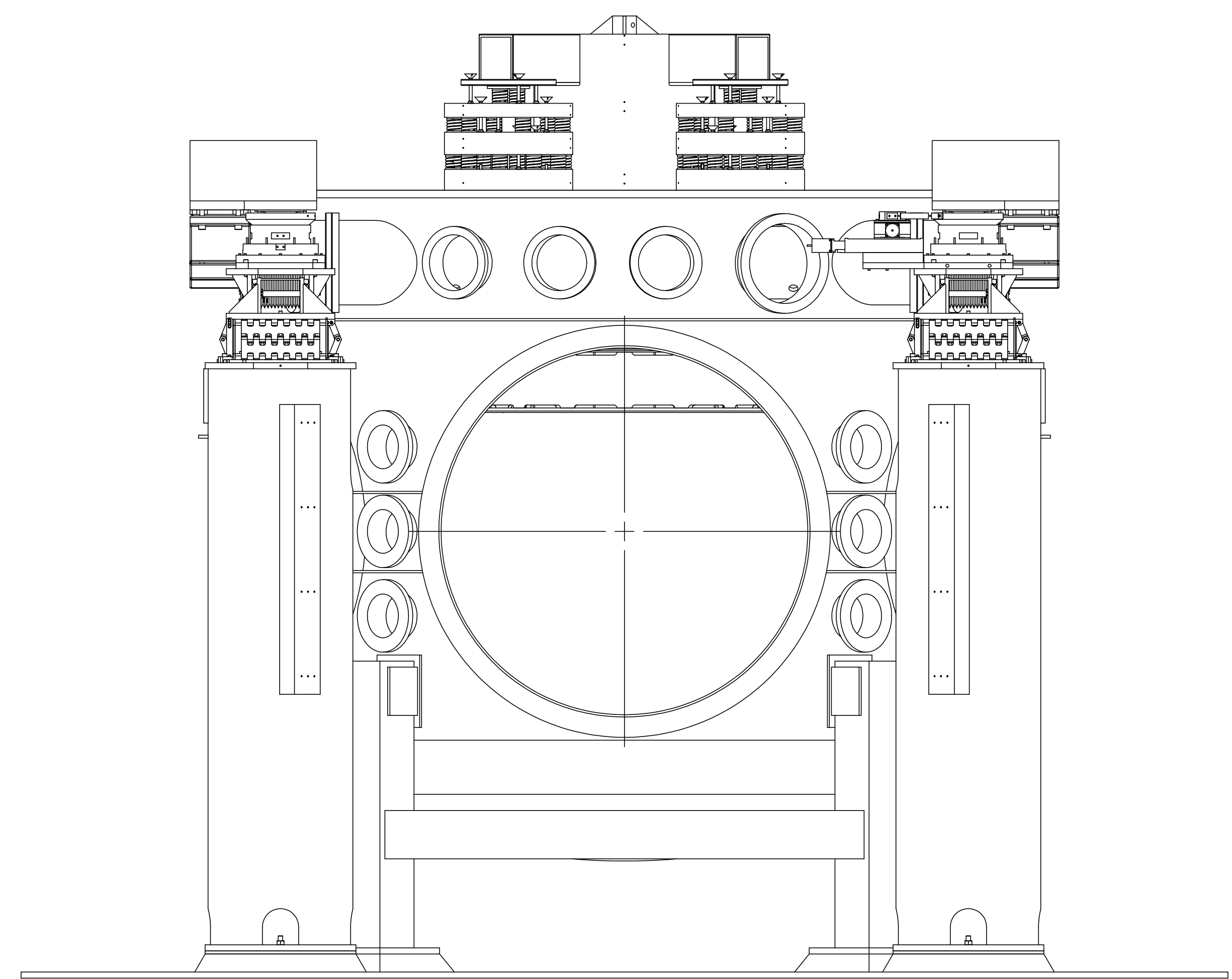
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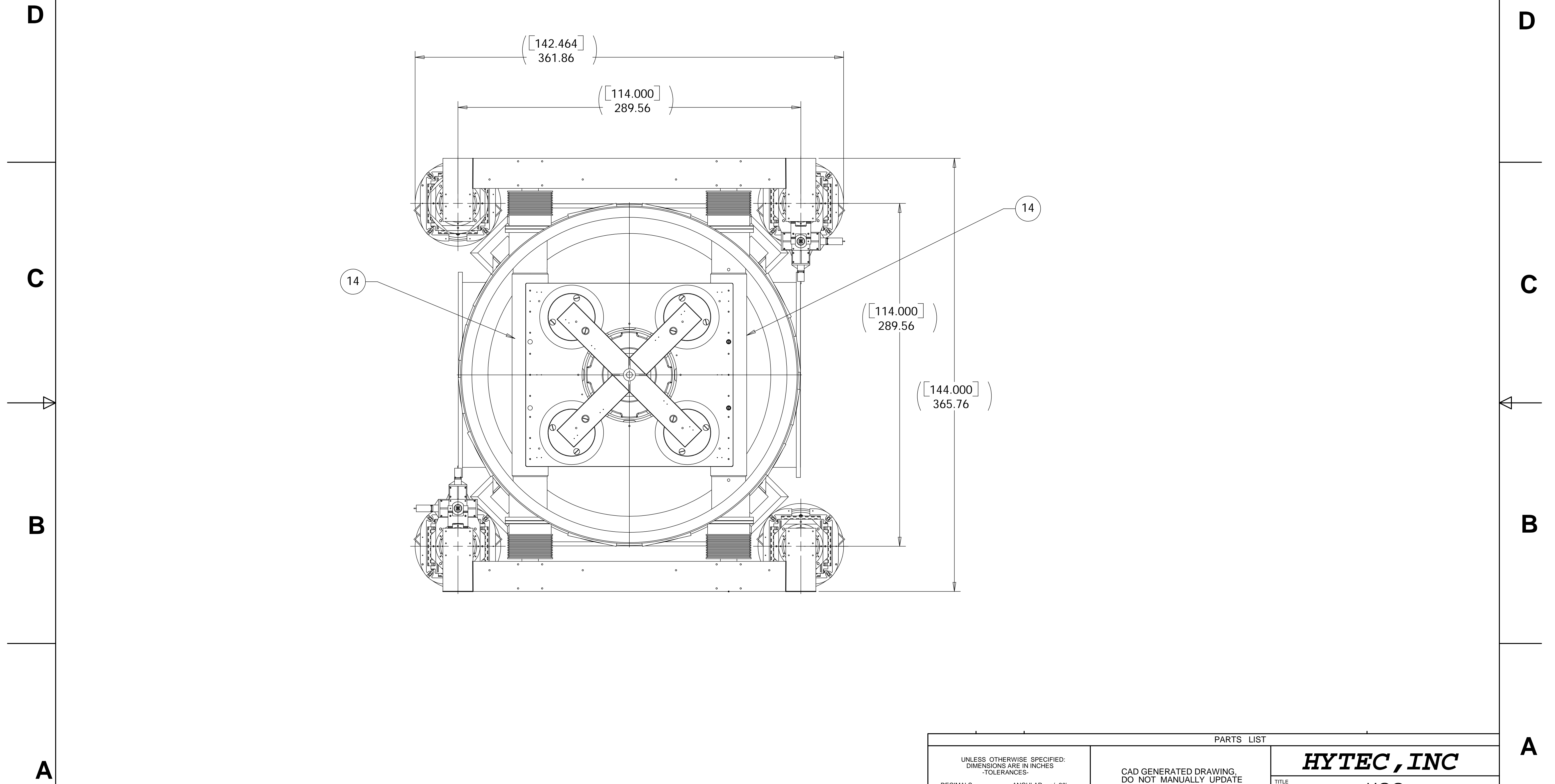
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PARTS LIST			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES -TOLERANCES- DECIMALS ANGULAR = +/- .30' .XX = +/- .03 SURFACE FINISH = 250 .XXX = +/- .010	CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE DO NOT SCALE DRAWING		<i>HYTEC, INC</i> TITLE LIGO BSC TOP ASSEMBLY
	FINISH	SIGNATURE	
PART NO. D972001-1	DESIGNED	ROGER L. SMITH	5-28-97
	DRAWN	ROGER L. SMITH	5-28-97
	CHECKED	HARRY SALAZAR	5-12-98
	ENGR.	T. THOMPSON	5-12-98
	APPROVED	T. THOMPSON	5-12-98
		SCALE 1/16	REVISION
		DWG. NO. D972001	SIZE D SHEET NO. 4 of 5

8 7 6 5 4 3 2 1

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



PARTS LIST			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES -TOLERANCES- DECIMALS ANGULAR = +/- .30' .XX = +/- .03 SURFACE FINISH = 250 .XXX = +/- .010	CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE DO NOT SCALE DRAWING		HYTEC, INC
	TITLE LIGO BSC TOP ASSEMBLY		DWG. NO. SIZE SHEET NO. D972001 D 5 of 5
FINISH	SIGNATURE	DATE	SCALE 1/16 REVISION
PART NO. D972001-1	DESIGNED ROGER L. SMITH DRAWN ROGER L. SMITH CHECKED HARRY SALAZAR ENGR. T. THOMPSON APPROVED T. THOMPSON	5-28-97 5-28-97 5-12-98 5-12-98 5-12-98	REVISION

8 7 6 5 4 3 2 1