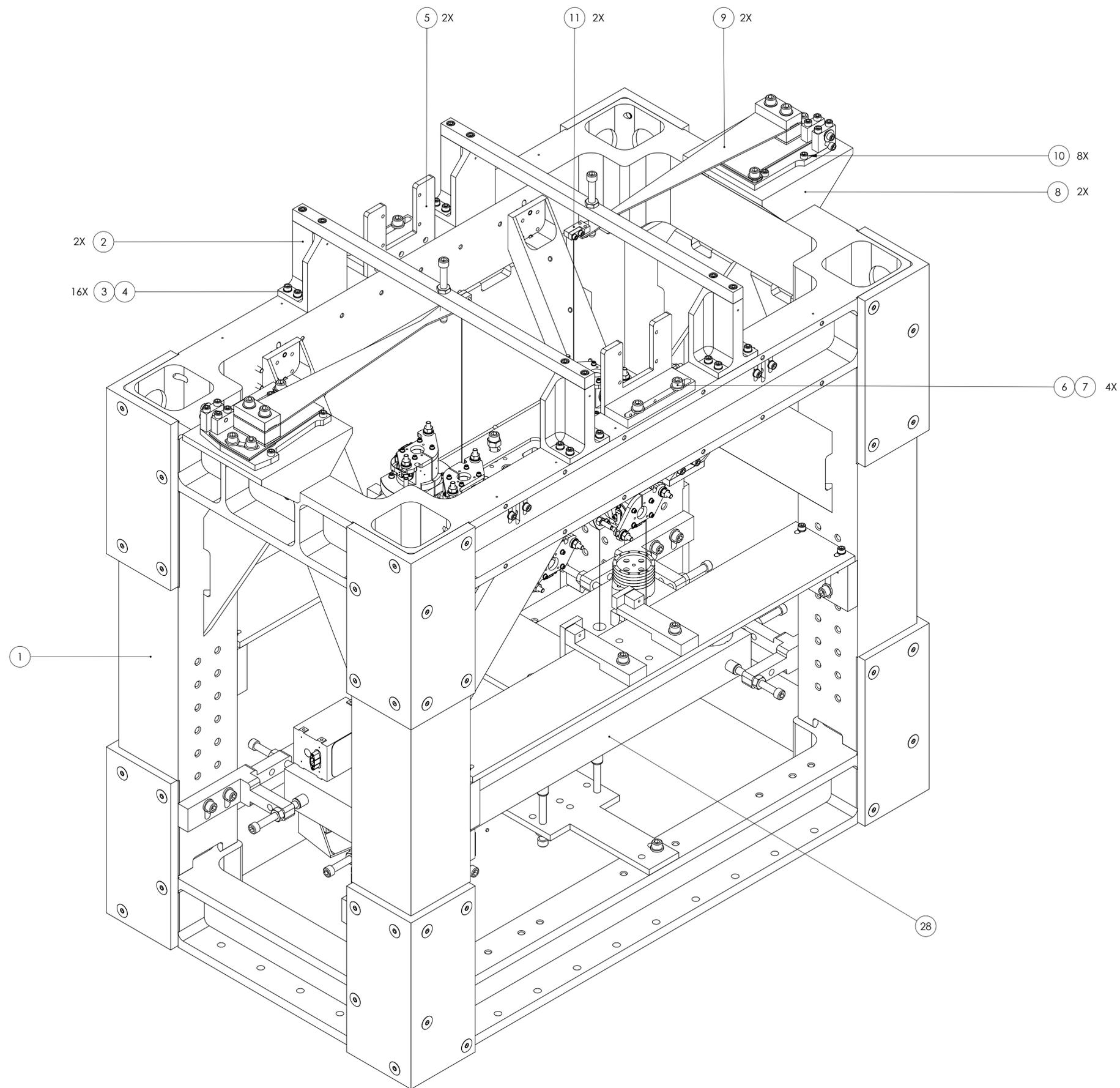


REV.	DATE	DCN #	DRAWING TREE #
A	30 MAY 2008	E080195-00-D	



34	1	0	1	D070050	EARTHQUAKE BRACKET, BOTTOM	6061-T6 Al
33	4	2	6	D070484	EARTHQUAKE BRACKET, SIDE ALTERNATE	6061-T6 Al
32	16	4	20	--	FLANGE NUT, 1/4-20	300 SSSL
31	16	4	20	D060544	EARTHQUAKE STOP ASSEMBLY	--
30	1	0	1	D070049	EARTHQUAKE BRACKET, TOP	6061-T6 Al
29	2	0	2	D080163	CROSSBAR ASSEMBLY	--
28	1	0	1	D060488	OPTICS BENCH ASSEMBLY	--
27	4	1	5	D070068	C SPACER LOCATED BETWEEN GLASS BENCH AND WIRE CLAMP	304 SSSL
26	8	2	10	--	FLAT WASHER, #2 (NAS 620-C2 OR EQUIVALENT)	300 SSSL
25	8	2	10	--	SCREW, SOCKET HEAD CAP, #2-56 UNC-2A X 0.25 LONG	Ag-PLATED 300 SSSL
24	4	1	5	D060537	LOWER WIRE ASSEMBLY	--
23	16	4	20	--	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 0.75 LONG	Ag-PLATED 300 SSSL
22	1	0	1	D060502	UPPER MASS ASSEMBLY	--
21	24	6	30	--	SCREW, SOCKET HEAD CAP, #4-40 UNC-2A X 1 LONG	Ag-PLATED 300 SSSL
20	6	2	8	D060218	OSEM ASSEMBLY	--
19	12	3	15	--	FLANGE NUT, #8-32	300 SSSL
18	1	0	1	D060530	COIL HOLDER (TABLE CLOTH)	304 SSSL
17	16	4	20	--	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 0.5 LONG	Ag-PLATED 300 SSSL
16	16	4	20	--	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 0.625 LONG	300 SSSL
15	2	0	2	D060533-2	MOUNTING BRACKET ASSEMBLY, COIL HOLDER	--
14	2	0	2	D060533-1	MOUNTING BRACKET ASSEMBLY, COIL HOLDER	--
13	28	6	34	--	FLAT WASHER, #4 (NAS 620-C4L OR EQUIVALENT)	300 SSSL
12	4	1	5	--	SCREW, SOCKET HEAD CAP, #4-40 UNC-2A X 0.25 LONG	Ag-PLATED 300 SSSL
11	2	1	3	D060536	UPPER WIRE ASSEMBLY	--
10	8	2	10	--	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 0.375 LONG	300 SSSL
9	2	0	2	D030451	ROTATIONAL ADJUSTER ASSEMBLY	--
8	2	0	2	D070028	BLADE PLATFORM	6061-T6 Al
7	26	5	31	--	FLAT WASHER, 1/4 (NAS 620-C416 OR EQUIVALENT)	300 SSSL
6	26	5	31	--	SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 0.75 LONG	300 SSSL
5	2	0	2	D070052	CONNECTOR BRACKET	6061-T6 Al
4	72	16	88	--	FLAT WASHER, #8 (NAS 620-C8 OR EQUIVALENT)	300 SSSL
3	36	8	44	--	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 0.5 LONG	300 SSSL
2	2	0	2	D070145	TOP BLADE GUARD ASSEMBLY	--
1	1	0	1	D060296	STRUCTURE WELDMENT	--
ITEM NO.	REQ	SPARE	TOTAL	PART NUMBER	DESCRIPTION	MATERIAL

NOTES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES
TOLERANCES:
XX ± 0.01
XXX ± 0.005
ANGULAR ± 0.5°

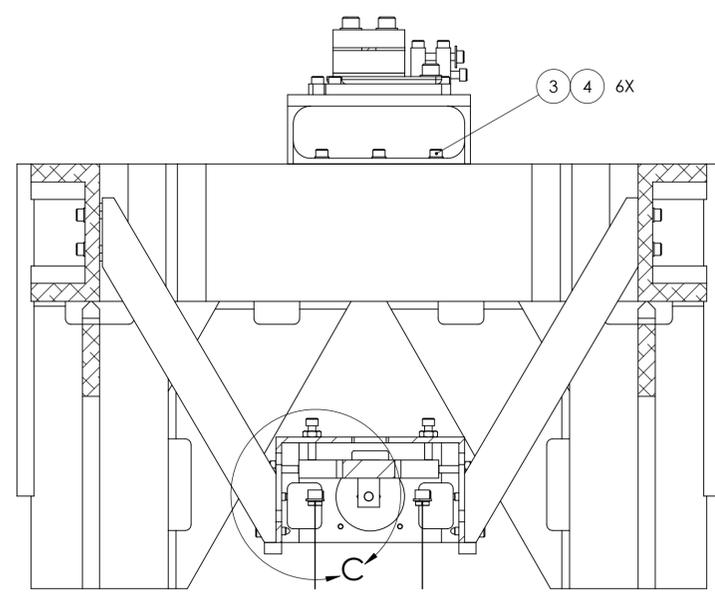
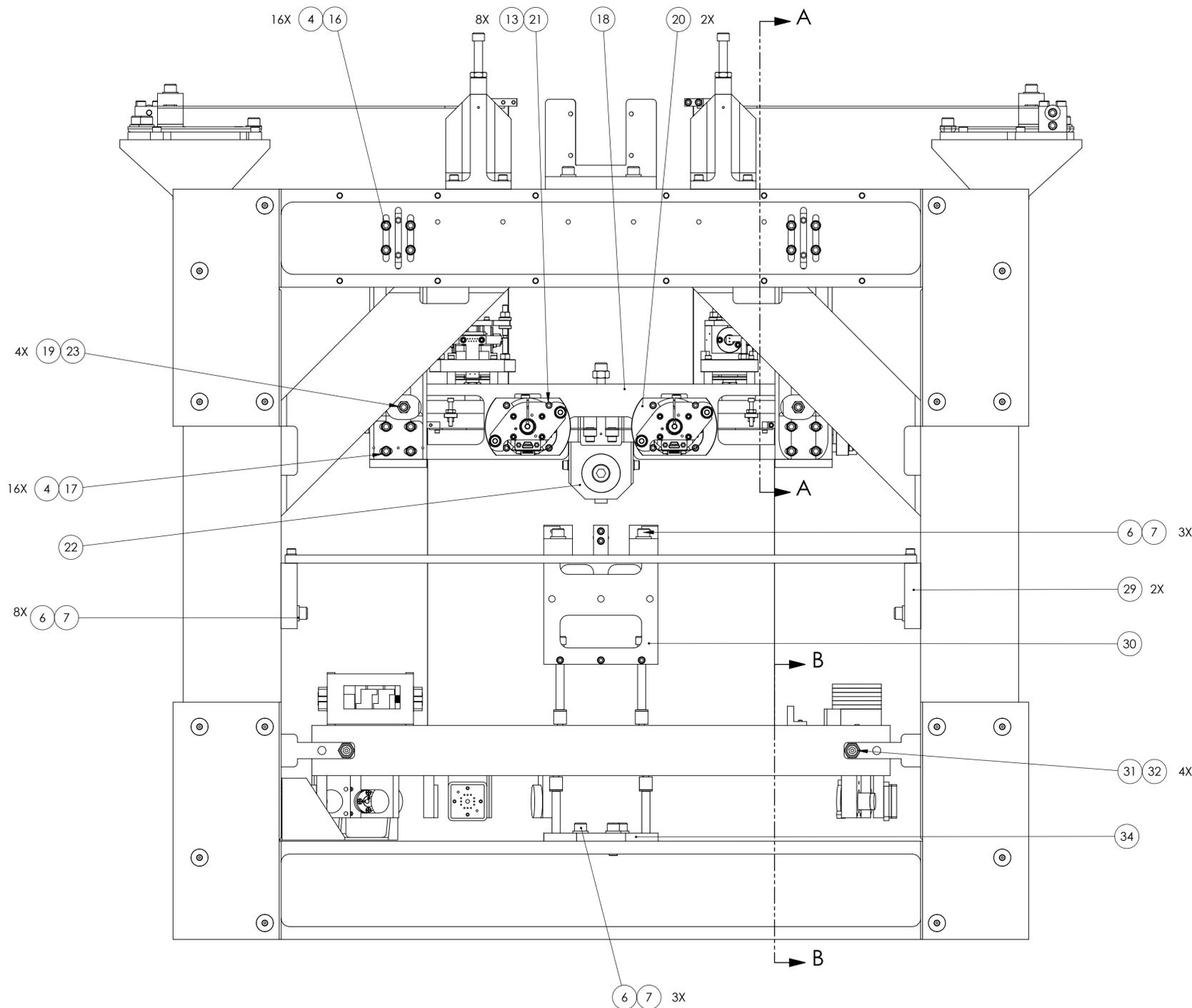
MATERIAL: --
FINISH: --

PART NAME: OUTPUT MODE CLEANER (LHO)
DRAWN: D. BRIDGES
CHECKED: M. MEYER
APPROVED: --

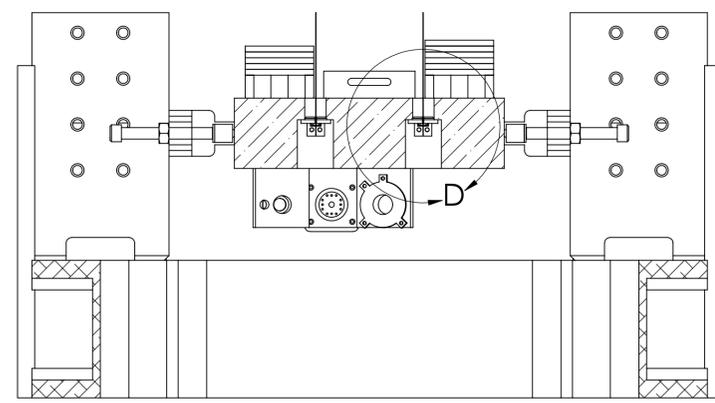
DATE: 28 MAY 08
DWG. NO.: D080125
SCALE: 1:2
PROJECTION: 1st Angle

REVISIONS:
REV. 1: A

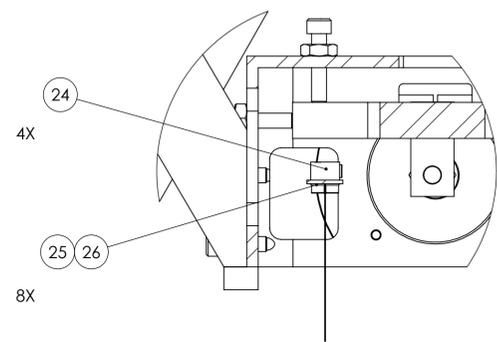
SHEET 1 OF 4



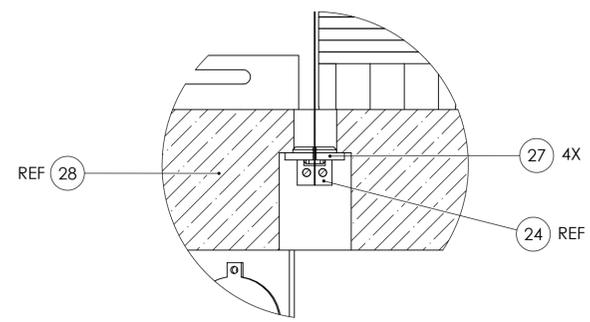
SECTION A-A
SCALE 1 : 2



SECTION B-B
SCALE 1 : 2



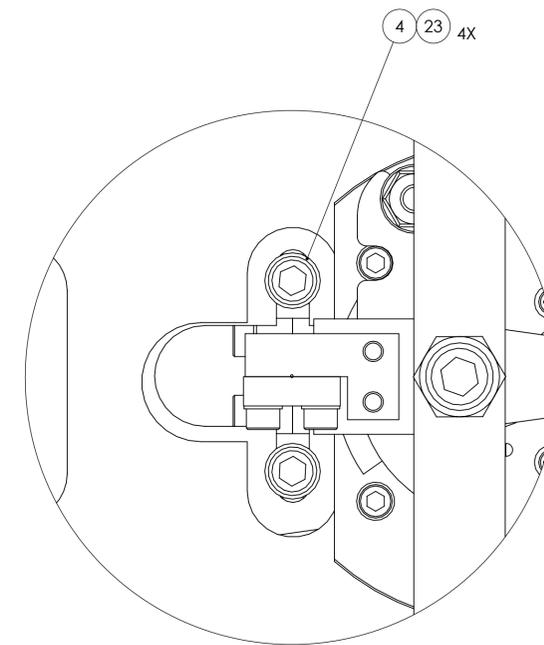
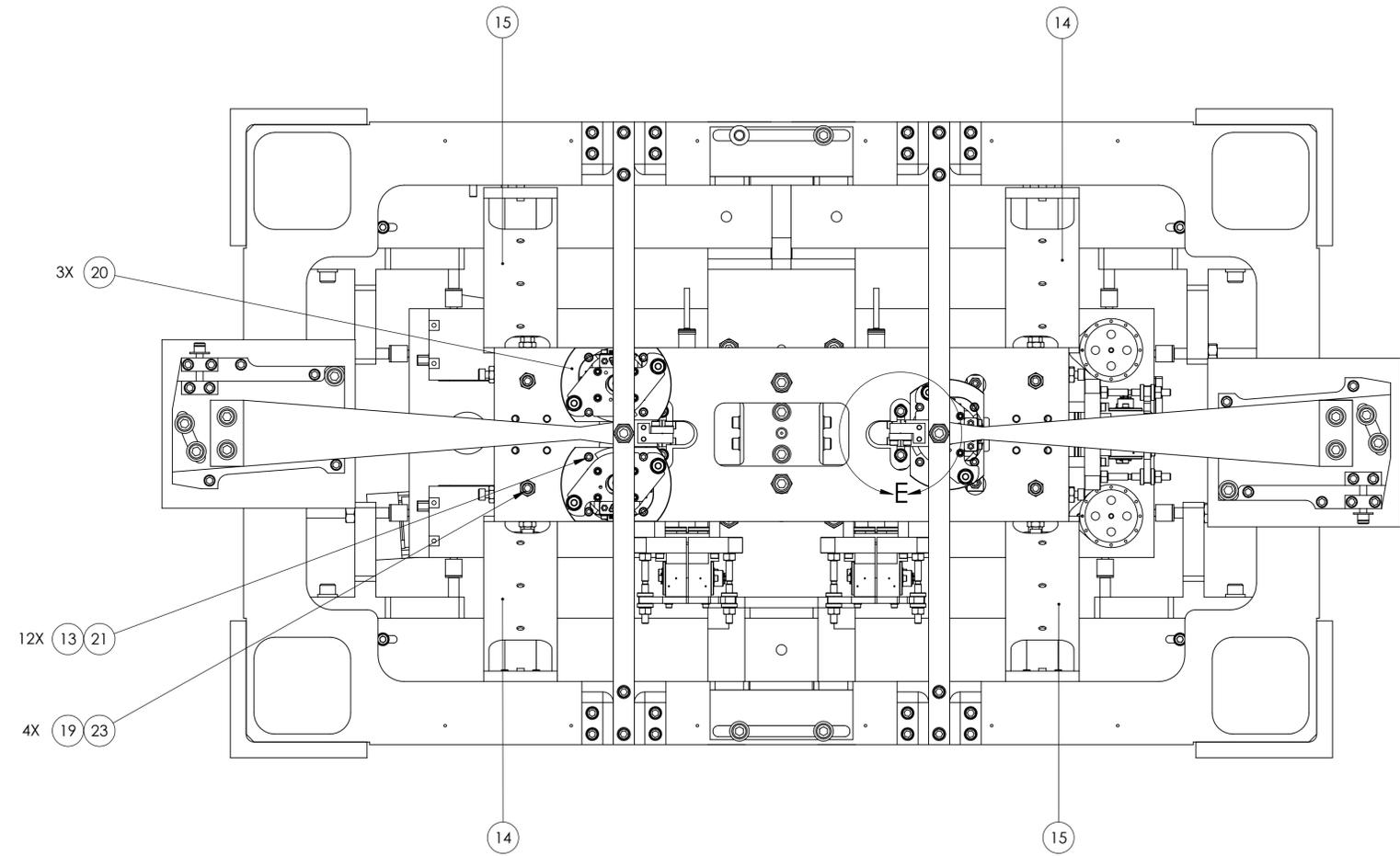
DETAIL C
SCALE 1 : 1



DETAIL D
SCALE 1 : 1

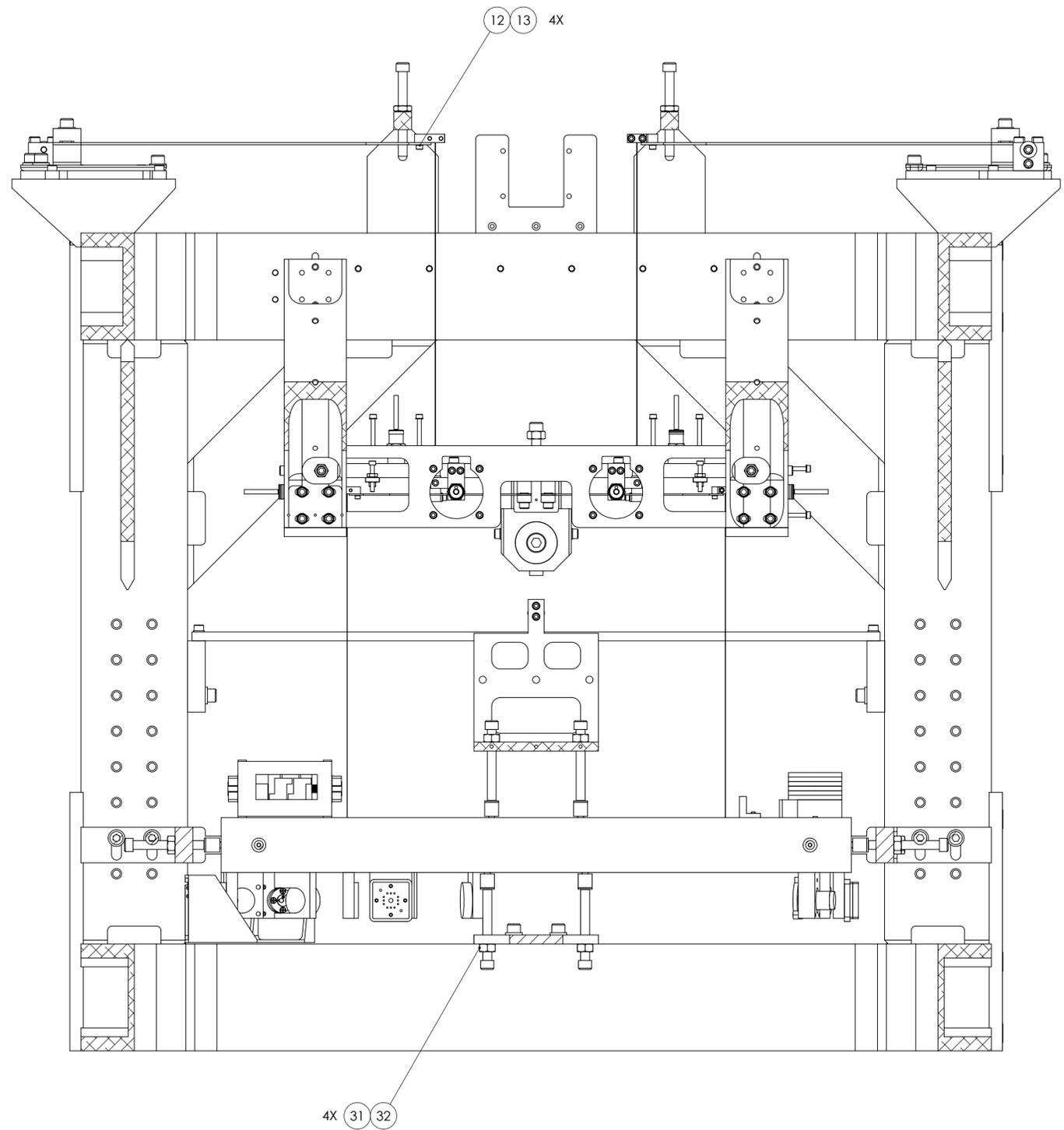
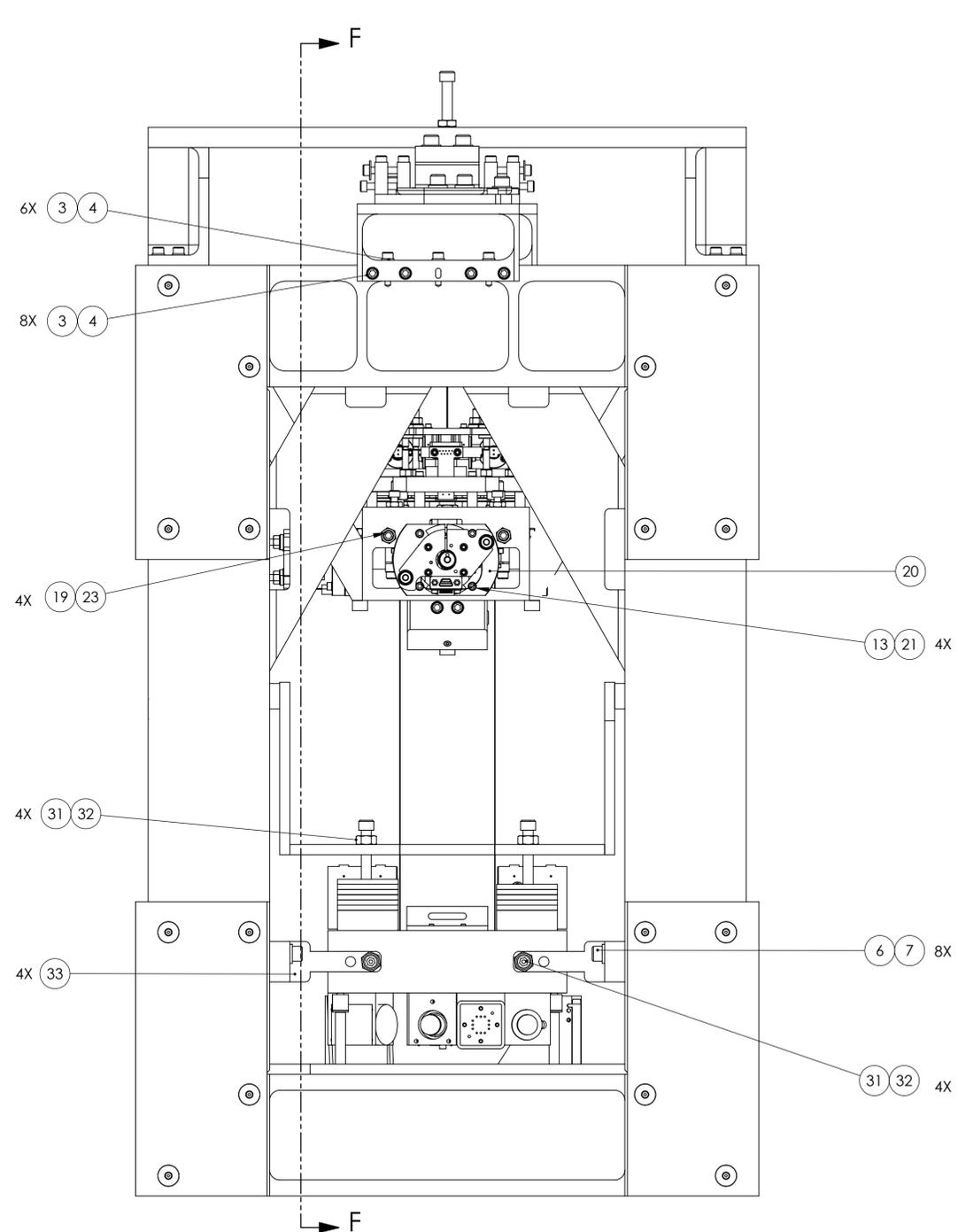
NOTES: (UNLESS OTHERWISE SPECIFIED)				PARTS LIST			
DIMENSIONS ARE IN INCHES				CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY IGR, GLASGOW UNIVERSITY GEO 600 GROUP			
TOLERANCES:				SYSTEM: ADVANCED LIGO			
.XX ± 0.01				SUB-SYSTEM: SUS			
.XXX ± 0.005				MATERIAL: --			
ANGULAR ± 0.5 °				NEXT ASSY: --			
FINISH: --				PART NAME: OUTPUT MODE CLEANER (LHO)			
DRAWN	NAME	DATE		DWG. NO.	REV.		
D. BRIDGES				D080125	A		
CHECKED	BY	DATE		SCALE: 1:2	PROJECTION:		
APPROVED:						SHEET 2 OF 4	

REV.	DATE	DCN #	DRAWING TREE #
A	30 MAY 2008	E080195-00-D	



DETAIL E
SCALE 2:1

NOTES: (UNLESS OTHERWISE SPECIFIED)		PARTS LIST	
DIMENSIONS ARE IN INCHES		 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY IGR, GLASGOW UNIVERSITY GEO 600 GROUP	
TOLERANCES:		SYSTEM: ADVANCED LIGO	
.XX ± 0.01		SUB-SYSTEM: SUS	
.XXX ± 0.005		NEXT ASSY:	
ANGULAR ± 0.5 °		PART NAME: OUTPUT MODE CLEANER (LHO)	
MATERIAL: --		DRAWN: D. BRIDGES	
FINISH: --		DATE: 28 MAY 08	
		DWG. NO.: D080125	
		REV: A	
		CHECKED: M. MEYER	
		SCALE: 1:2	
		PROJECTION: 	
		SHEET 3 OF 4	



SECTION F-F

NOTES: (UNLESS OTHERWISE SPECIFIED)				PARTS LIST			
DIMENSIONS ARE IN INCHES				CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY IGR, GLASGOW UNIVERSITY GEO 600 GROUP			
TOLERANCES:				SYSTEM: ADVANCED LIGO			
.XX ± 0.01				SUB-SYSTEM: SUS			
.XXX ± 0.005				MATERIAL: --			
ANGULAR ± 0.5 °				NEXT ASSY: --			
FINISH: --				PART NAME: OUTPUT MODE CLEANER (LHO)			
DRAWN: D. BRIDGES				DATE: 28 MAY 08			
CHECKED: M. MEYER				DWG. NO.: D080125			
APPROVED:				SCALE: 1:2			
				PROJECTION:			
				SHEET 4 OF 4			