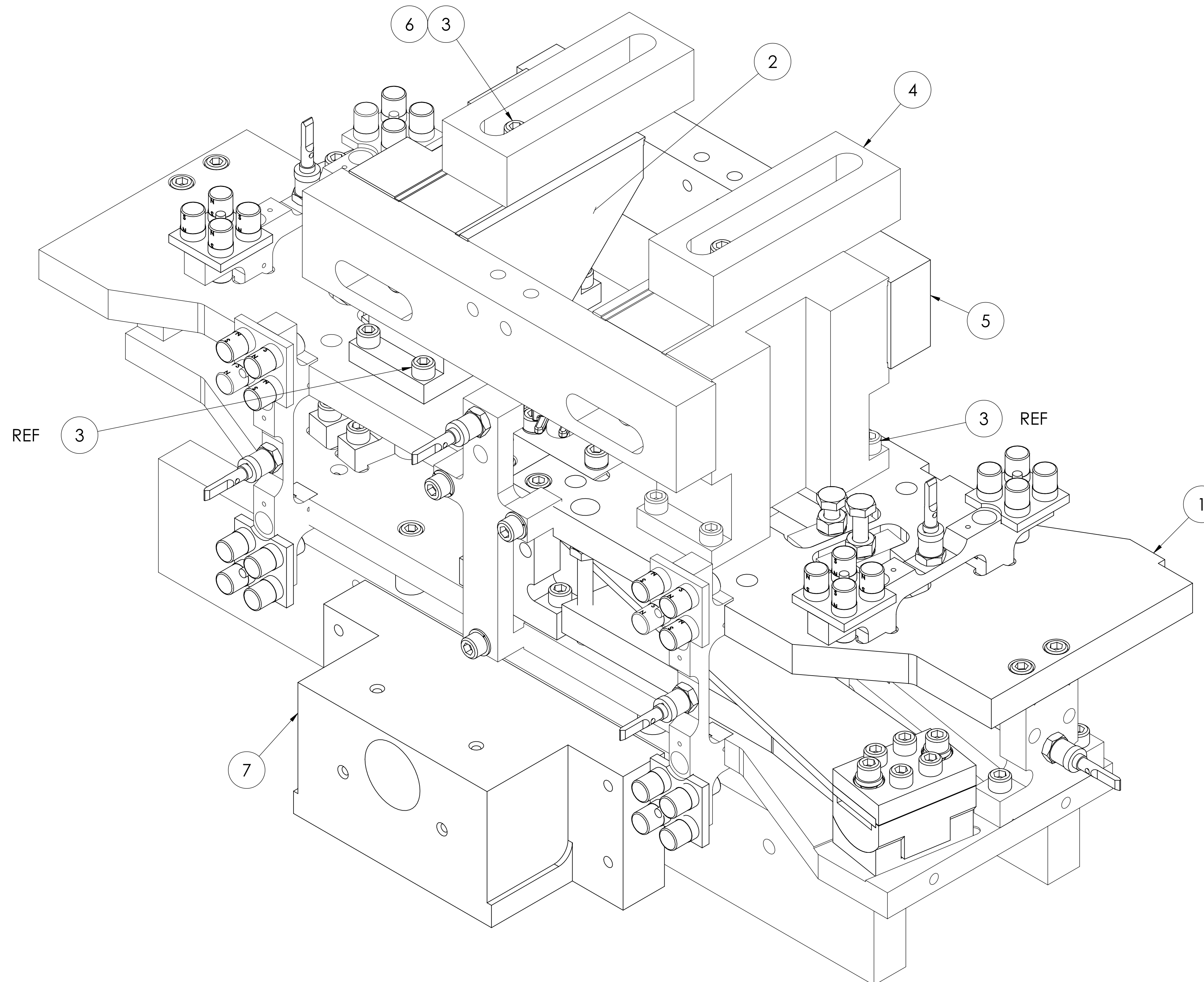


NOTES CONTINUED:
 ⑤ BAG OR WRAP AND TAG PARTS INDIVIDUALLY WITH THEIR DRAWING NUMBER, REVISION, VARIANT OR "TYPE" (IF APPLICABLE), AND QUANTITY.
 EXAMPLE (TAG): DXXXXXX-VY, TYPE-XX, QTY: 1

REV.	DATE	DCN #	BOM #
v1	08 FEB 2012	E1100351	E1100824-v1
-	-	-	-
-	-	-	-



ASSEMBLED ISO VIEW

NOTE: WEIGHT = 44.001 Kg.

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
7	D1000633	gLIGO TOP ADD MASS TEE	304 SSSL	2	0	2
6	96861A600	McMASTER, 1/4 VENTED WASHER, .255 ID X .468 OD X .032 THK, SSSL	18-8 SSSL	14	4	18
5	D1000656	gLIGO TOP ADD MASS SIDE SLOTTED BAR	304 SSSL	2	0	2
4	D1000655	gLIGO TOP MASS SIDE SLOTTED BAR	304 SSSL	2	0	2
3	C-2016-NA	SOCKET HEAD CAP SCREW, .25-20 X 1 LG	Ag-PLATED 300 SSSL	22	7	29
2	D1000631	gLIGO TOP ADD MASS TOWER	304 SSSL	2	0	2
1	D1000442	gLIGO INTERMEDIATE MASS TOP ASSEMBLY, FIRST ARTICLE	N/A	1	0	1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
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
ANGULAR ± 1.0°	

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SYSTEM: ADVANCED LIGO SUB-SYSTEM: AOS

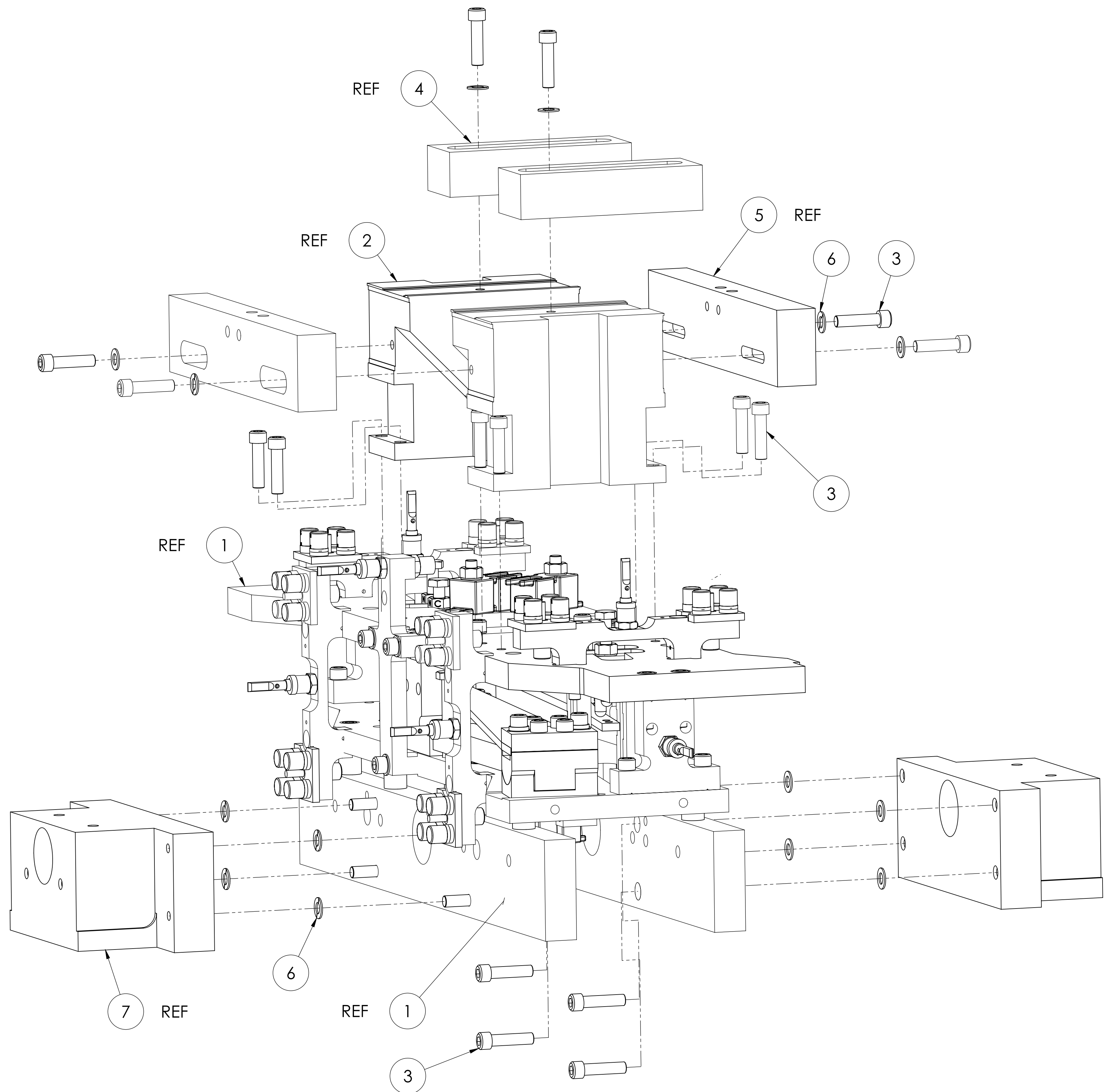
NEXT ASSY: D1000549

PART NAME		SIZE		DWG. NO.		REV.
gLIGO INTERMEDIATE MASS TOP ASSY WITH ADDED MASS(22kg)		D		D1000444		v1
DESIGNER	K. MAILAND	26 FEB 2010				
DRAFTER	J. TERRAZAS	08 FEB 2012				
CHECKER	SEE DCN					
APPROVAL	SEE DCN					
SCALE: 1:2		PROJECTION:		SHEET 1 OF 3		

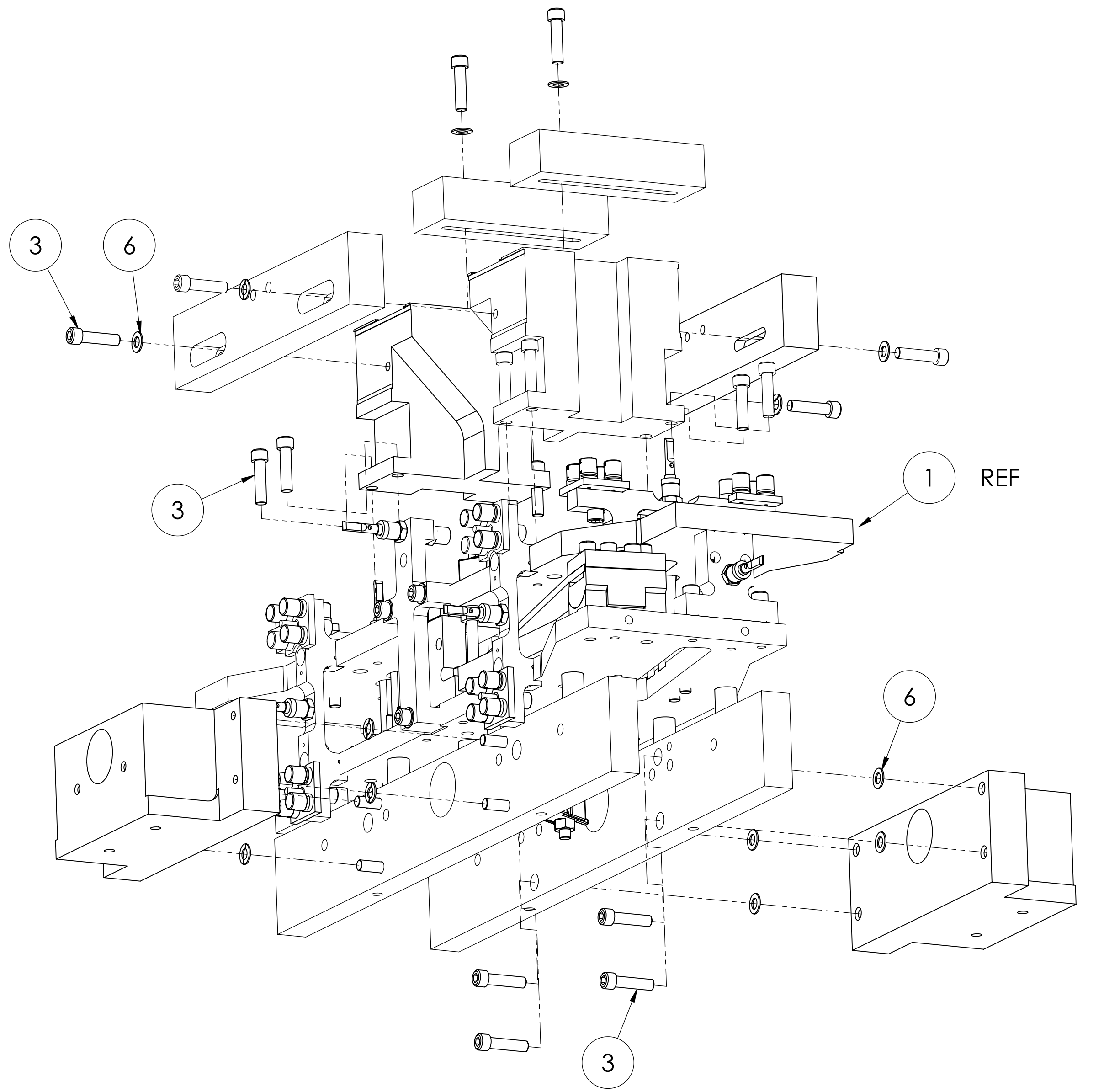
D1000444 gLIGO INTERMEDIATE MASS TOP ASSY WITH ADDED MASS(22kg) PART PDM REV: X-255; DRAWING PDM REV: X-028

8 7 6 5 4 3 2 1

H
G
F
E
D
C
B
A



EXPLODED VIEW



EXPLODED VIEW
(FROM BOTTOM)

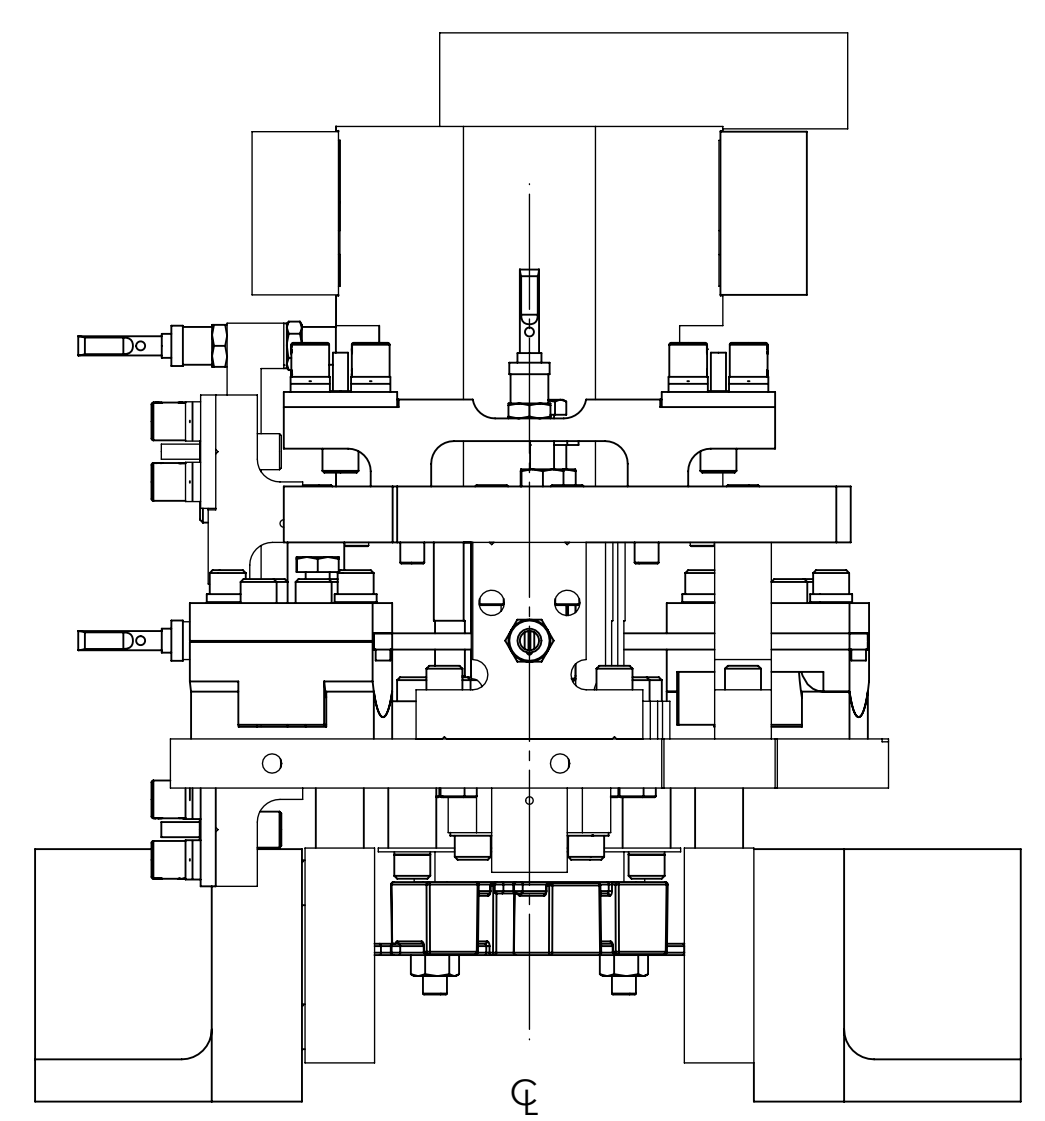
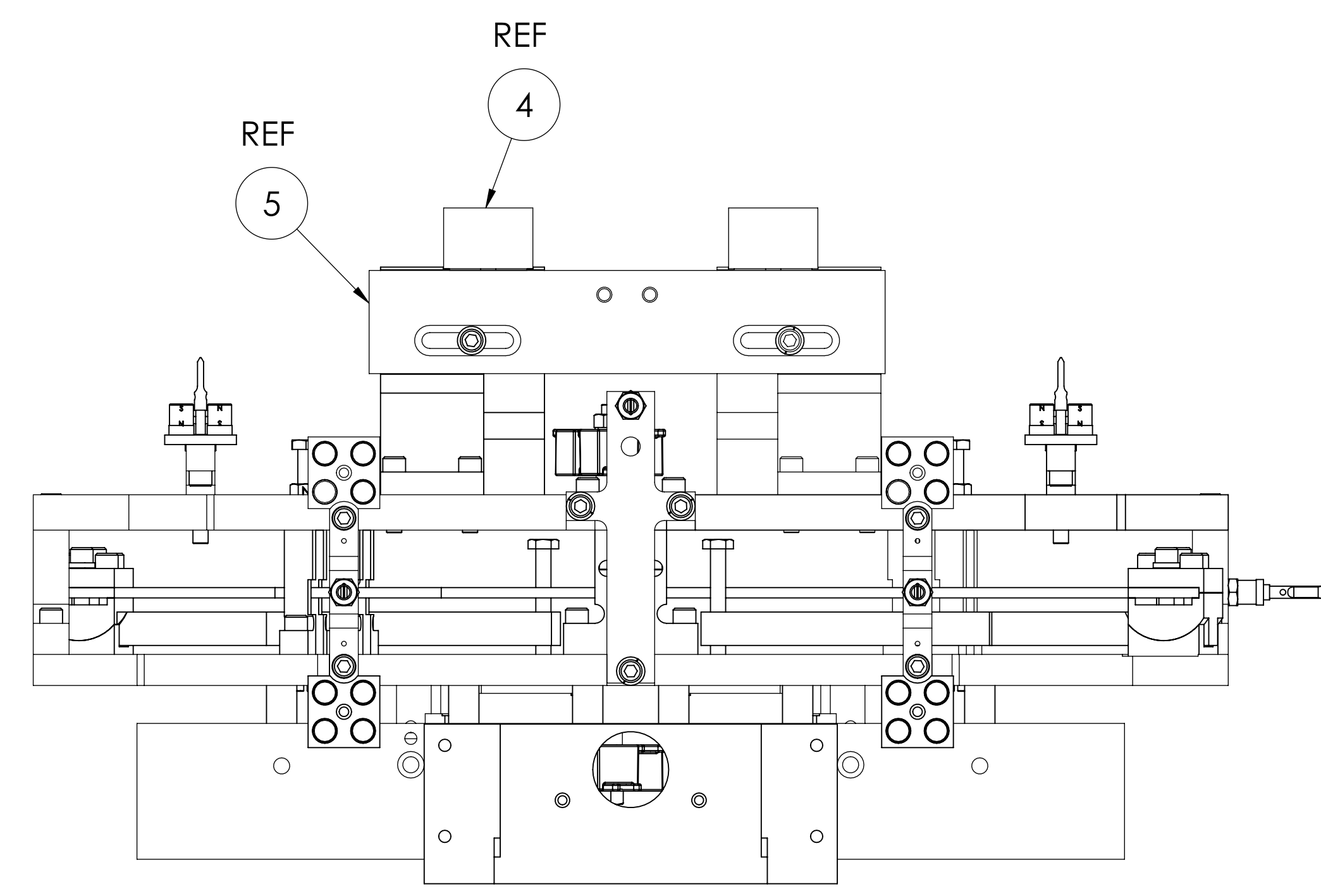
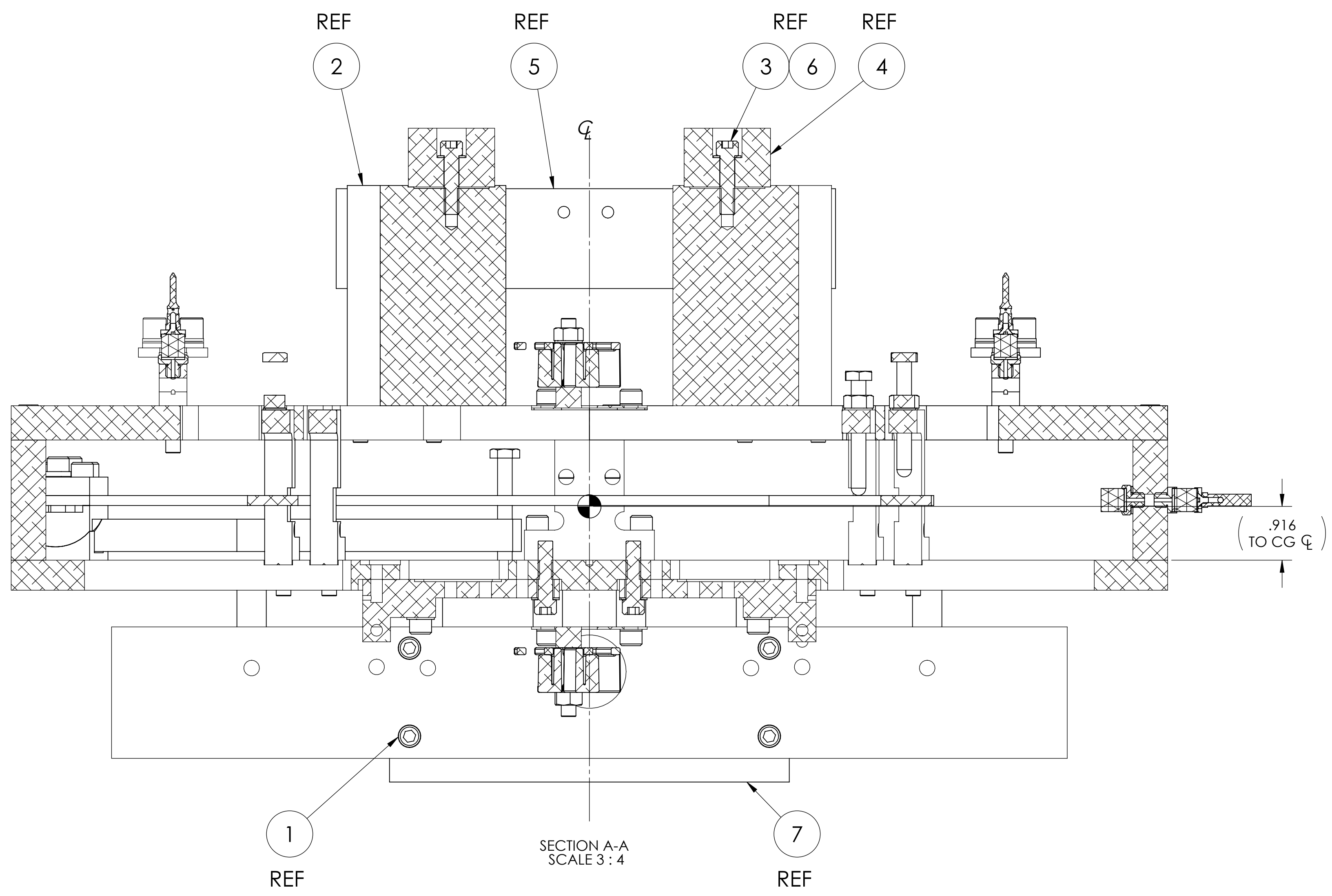
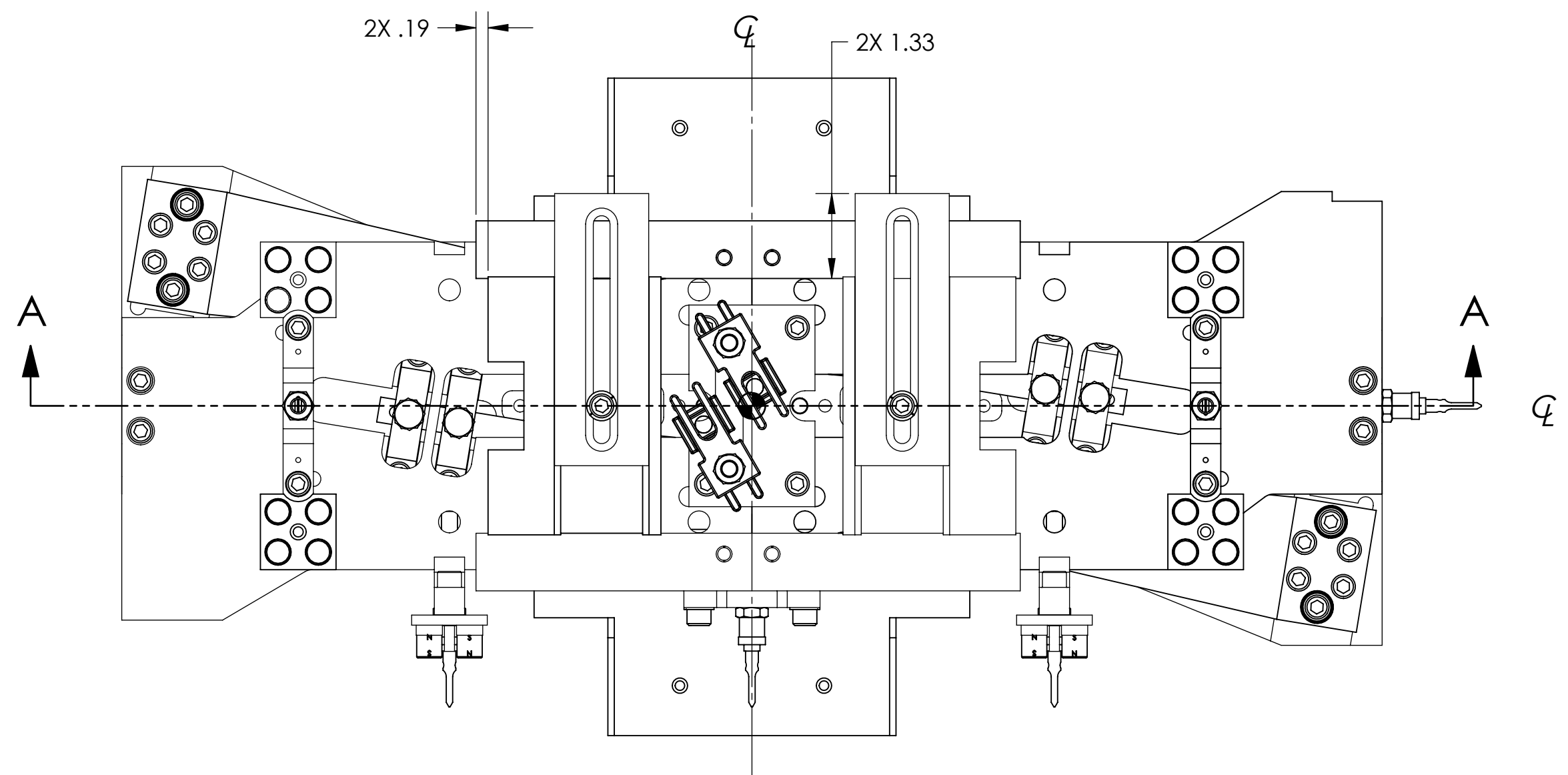
D:\000444\dligo\INTERMEDIATE\MASS TOP ASSY WITH ADDED MASS\22619 PART PDM REV. X-255 DRAWING PDM REV. X-028

8 7 6 5 4 3 2 1

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		REV.
SIZE DWG. NO.	D D1000444	v1
SCALE: 1:2	PROJECTION:	SHEET 2 OF 3

8 7 6 5 4 3 2 1

H G F E D C B A



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SIZE DWG. NO.	REV.
D D1000444	v1
SCALE: 1:2	PROJECTION:

SHEET 3 OF 3

8 7 6 5 4 3 2 1

H G F E D C B A

D1000444-LIGO-INTERMEDIATE MASS TOP ASSY WITH ADDED MASS (2) PART PDM REV. X-255 DRAWING PDM REV. X-028