

D

C

B

A

D

C

DWG NO.

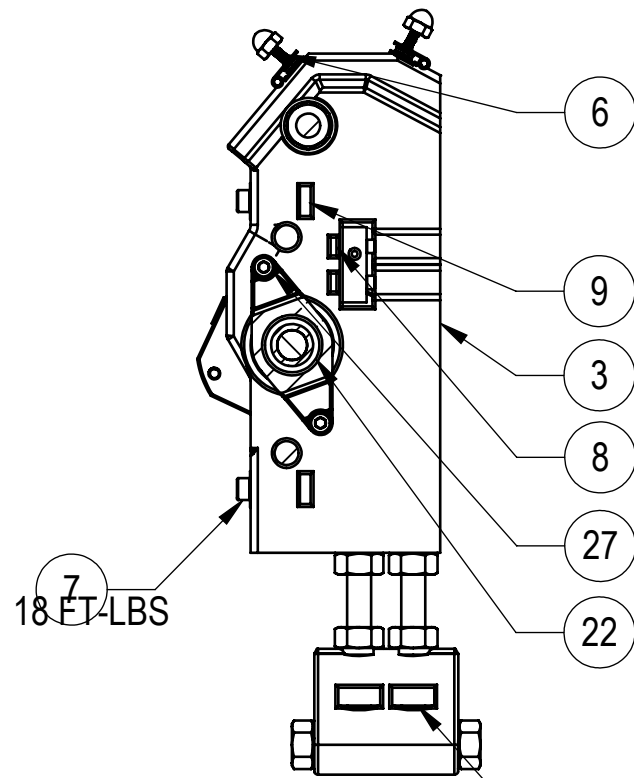
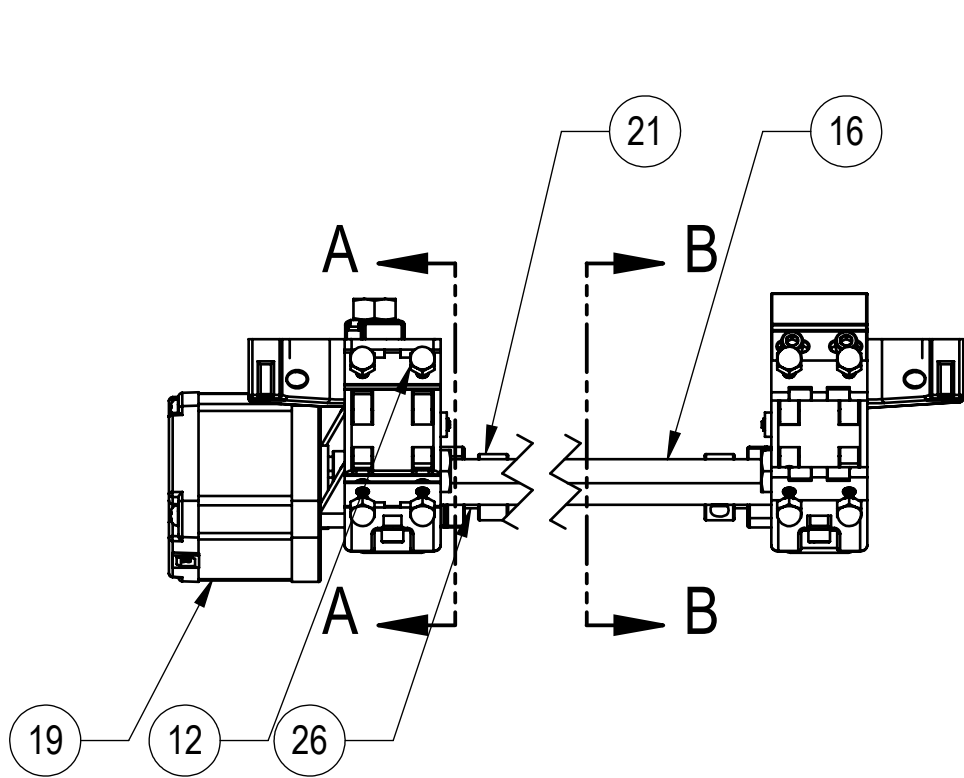
LCSA-4

REV

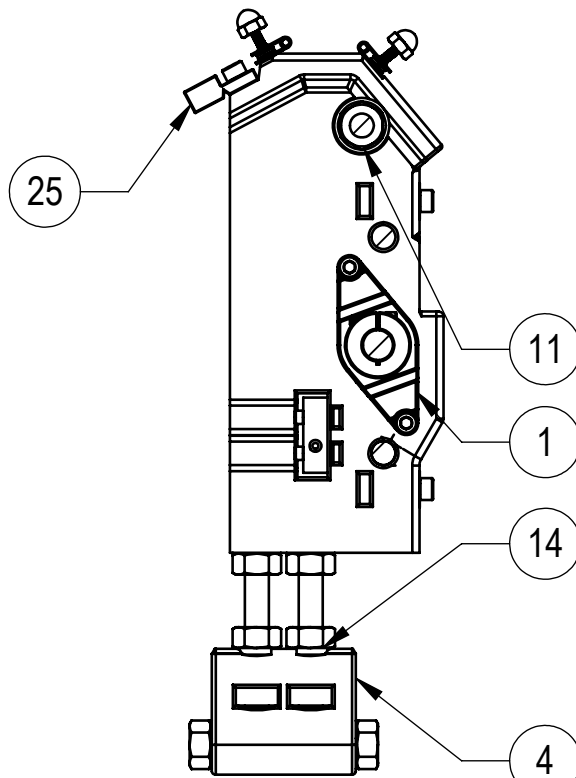
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A

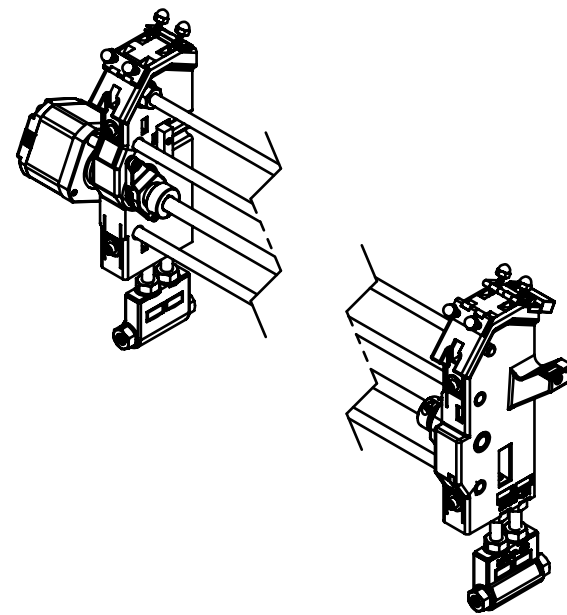
REVISIONS				
REV	DESCRIPTION			DATE



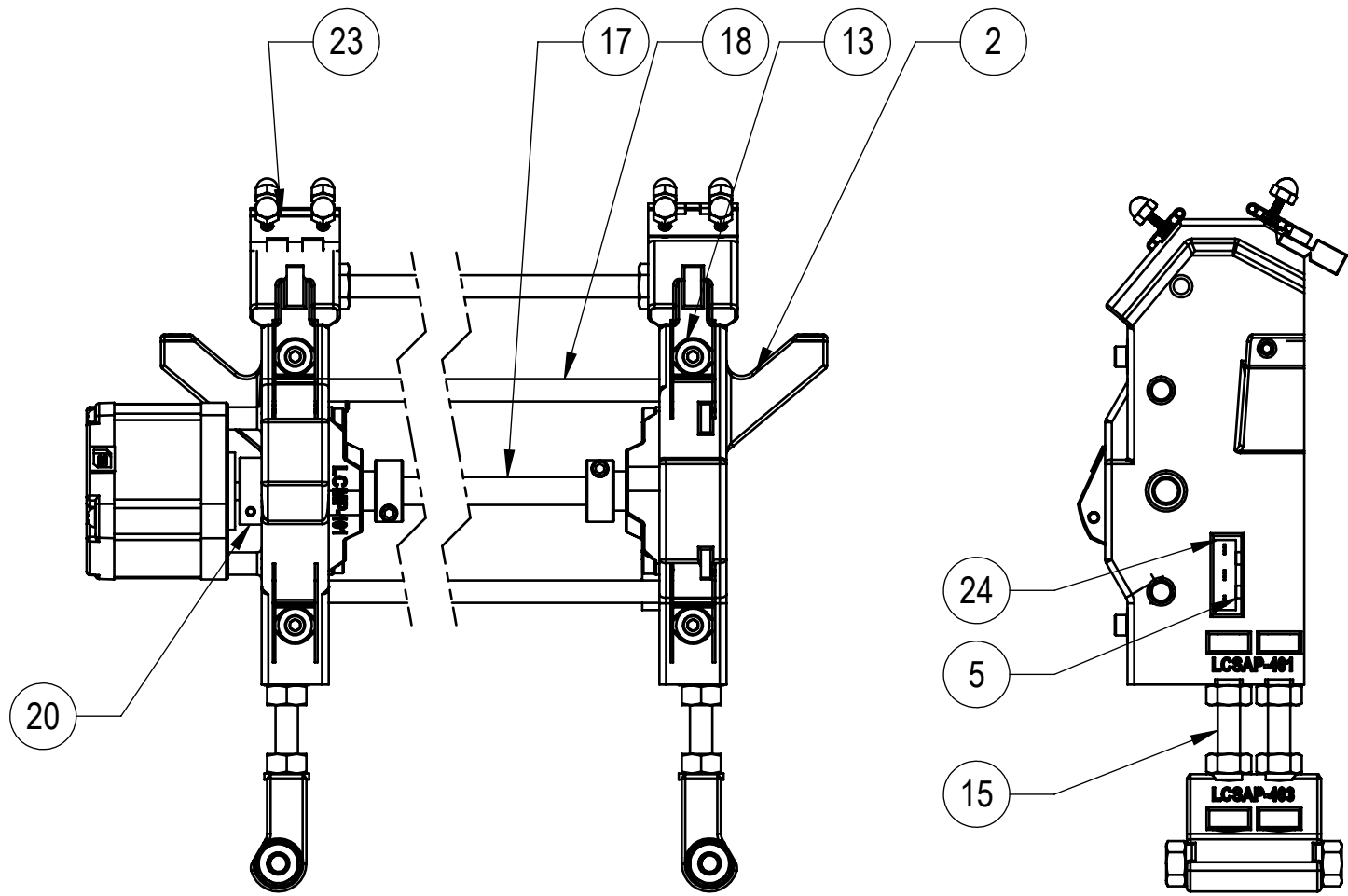
SECTION A-A



SECTION B-B



ISOMETRIC VIEW
SCALE 1:4



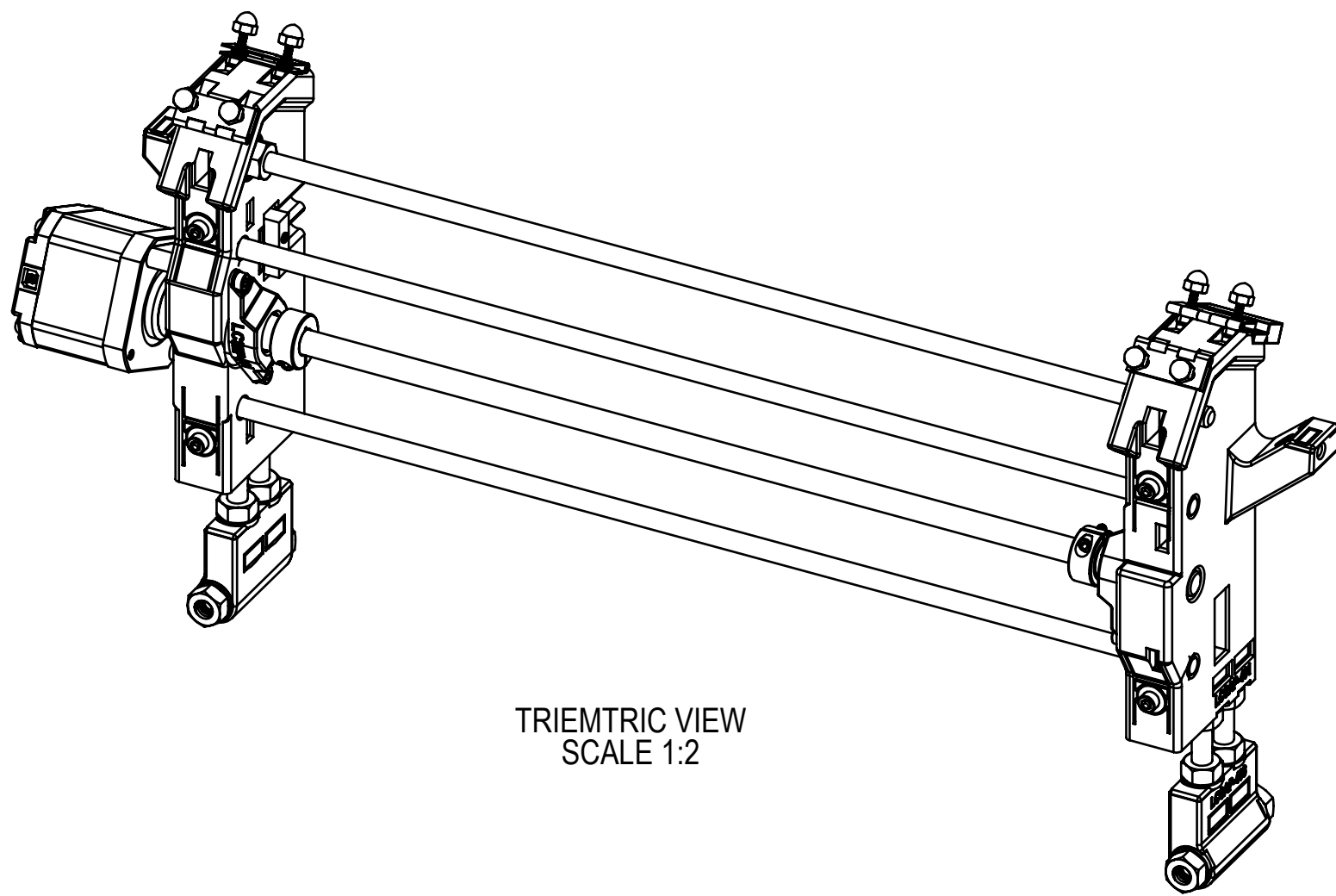
27	2	91292A033	SCREW, SOCKET HEAD, STAINLESS, M3 X 0.5 MM THREAD, 35 MM LONG
26	2	6391K161	BEARING, SINTERED, .375 ID, .4375 OD, .25 LONG
25	1	65985K11	MAGNETIC SWITCH, PLASTIC HOUSING, 1/4" MAX SENSING DISTANCE
24	2	19N602	MICRO-SWITCH, 5A, PLUNGER, SILVER QUICK-CONNECTM SEALED, 20MM X 10MM X 6.5MM
23	4	1603A300	SURFACE-MOUNT HINGE, BRASS, 1" HIGH, 3/4" WIDE
22	2	R1810-2Z	BALL BEARING, DOUBLE SHIELDED, 5 MM SHAFT, 16 MM OD
21	2	9961K14	COLLAR, 5/16 ID, 7/16 OD, .3125 THK
20	1	A16022600UX0789	COUPLER, LINEAR, FLEXIBLE, 8MM TO 5MM
19	1	17HS19-2004S1	STEPPER MOTOR, BIPOLAR, 200 STEPS/REV, 1.9 IN, 2.0A, 85 OZ.IN
18	2	1031K64-13.75	LINEAR MOTION SHAFT, 1/4 DIAMETER, 400 MM LONG, MODIFIED TO 13.75"
17	1	RZ007-C1	THREADED ROD, ZINC PLATED, T8 TRAPAZOIDAL, 15" LONG
16	1	90034A052	THREADED ROD, ZINC PLATED, 1/4"-20 THREAD, 1-1/2' LONG, MODIFIED TO 14"
15	4	98750A025	THREADED ROD, ZINC PLATED, 1/4"-20 THREAD, 4" LONG
14	14	91090A105	WASHER, ZINC PLATED, 0.5" X 0.266", FOR 1/4" SCREW
13	4	90126A509	WASHER, ZINC PLATED, 0.375" X 0.156", FOR #6 SCREW
12	8	91875A101	NUT, CAP, ZINC-PLATED, 2-56 THREAD
11	14	90473A029	NUT, HEX, ZINC-PLATED, 1/4"-20 THREAD
10	10	94855A247	NUT, SQUARE, ZINC-PLATED, 1/4"-20 THREAD
9	10	94855A201	NUT, SQUARE, ZINC-PLATED, 6-32 THREAD
8	12	94855A279	NUT, SQUARE, ZINC-PLATED, 2-56 THREAD
7	8	92196A145	SCREW, SOCKET HEAD, STAINLESS, 6-32 THREAD, 5/16" LONG
6	16	92210A078	SCREW, SOCKET FLAT HEAD,STAINLESS, 2-56 THREAD, 5/16" LONG
5	4	92185A081	SCREW, SOCKET HEAD, STAINLESS, 2-56 THREAD, 7/16" LONG
4	2	LCSAP-403	LOWER VERTICAL BINDING BLOCK
3	1	LCSAP-402	RIGHT VERTICAL BINDING BLOCK
2	1	LCSAP-401	LEFT VERTICAL BINDING BLOCK
1	2	LCMP-101	BEARING KEEPER
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION

NOTES: UNLESS OTHERWISE SPECIFIED
DO NOT SCALE DRAWING

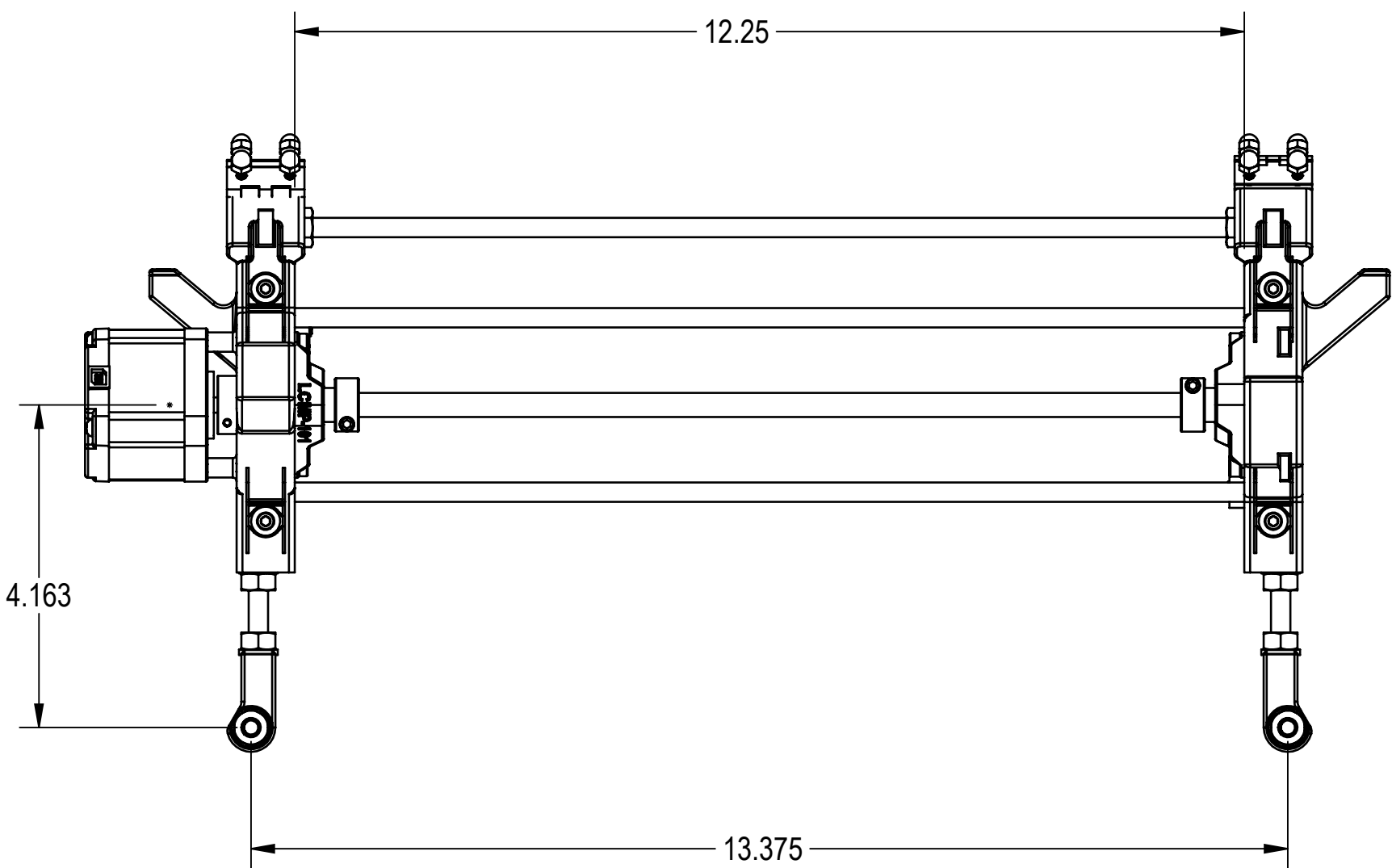
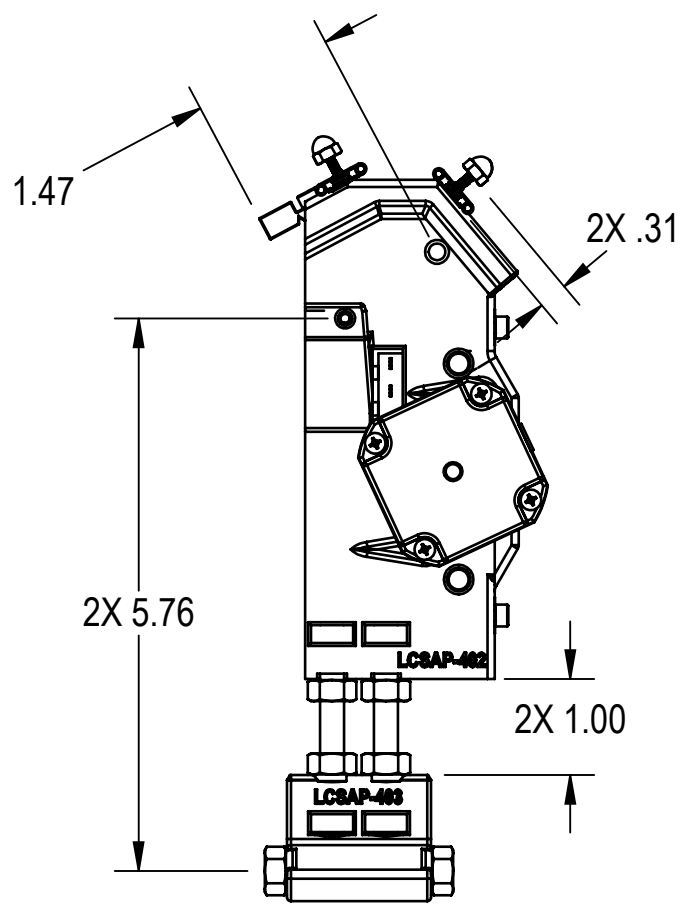
		UNLESS OTHERWISE SPECIFIED	.XX	.XXX	ANGLE	DRAWN: MAVB	03/22/17	DWG TITLE	DWG NO.
			± .03	± .010	± 0.5 °	CHECKED:			
		MACHINED SURFACE FINISHES	125			REVIEWED:			
NEXT ASSY	FINAL ASSY	MACHINED FILLET RADII .015-.030			INTERPRET DRAWING PER ASME Y14.5M	APPROVED: MAVB	30/22/17		
APPLICATION		REMOVE BURRS AND BREAK SHARP EDGES			DIMENSION LIMITS HELD AFTER PLATING	WEIGHT:			
MATERIAL		SEE BILL OF MATERIALS			FINISH				

SCALE 1:2		SIZE C	DATE
UNLESS OTHERWISE SPECIFIED		XX	.XXX
		± .03	± .010
		ANGLE	± 0.5 °
		DRAWN: MAVB	03/22/17
		CHECKED:	
		REVIEWED:	
		APPROVED: MAVB	30/22/17
		WEIGHT:	
		FINISH	
		N/A	

X AXIS, LASER CUTTER SUB ASSEMBLY		DWG NO.	LCSA-4
		SHEET 1 OF 2	REV 0
		FILENAME	LCSA-4.SLDDRW



TRIEMTRIC VIEW
SCALE 1:2



SEE SHEET 1 FOR ALL NOTES, REVISIONS AND TOLERANCES

SIZE C

DWG NO.
LCSA-4

X AXIS, LASER CUTTER SUB ASSEMBLY

SHEET 2 OF 2
FILENAME
LCSA-4.SLDDRW

REV

0

DWG NO.

LCSA-4

REV

0