

10M14 SHEAR

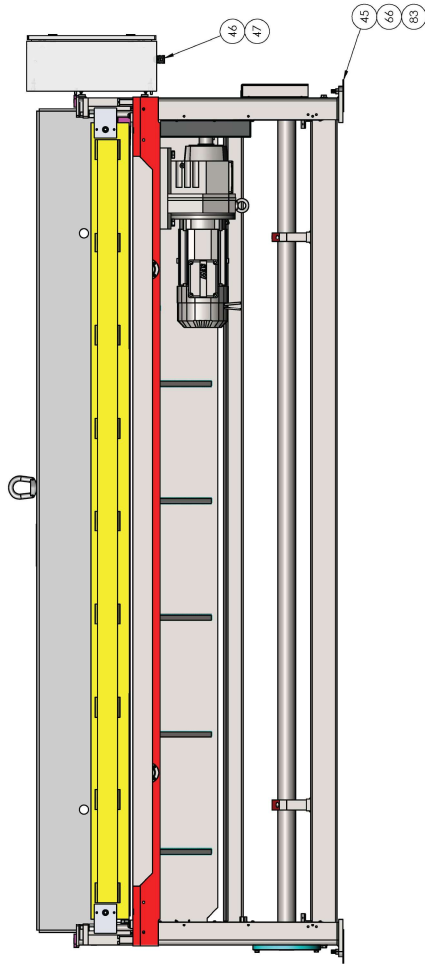
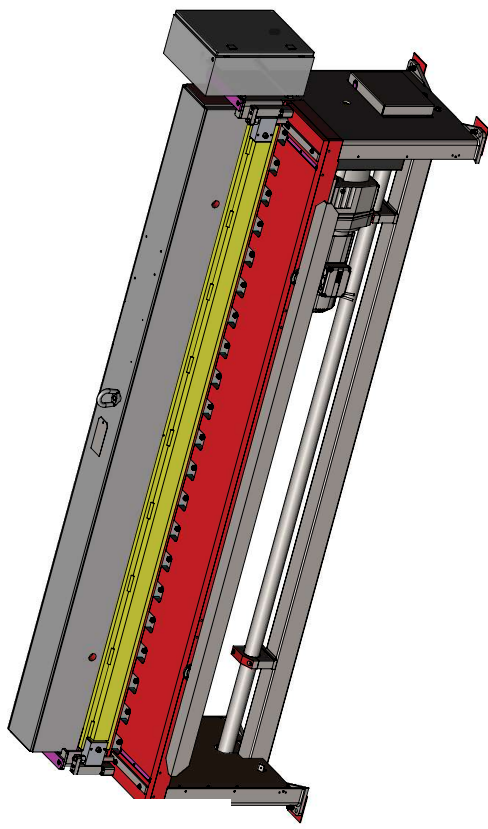
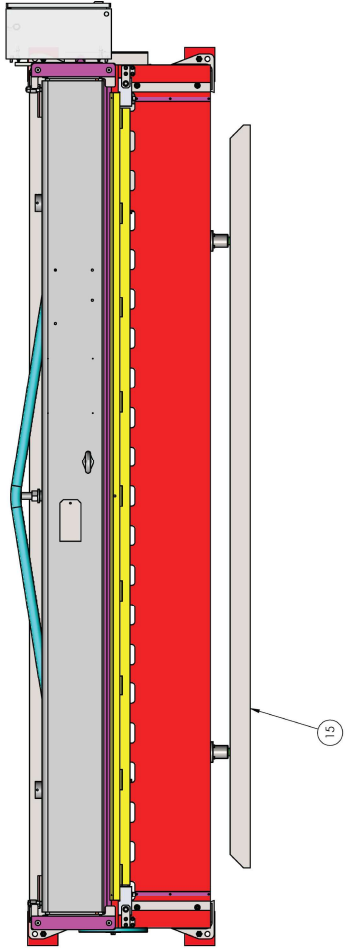
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SECTION 1:

BASIC MECHANICAL

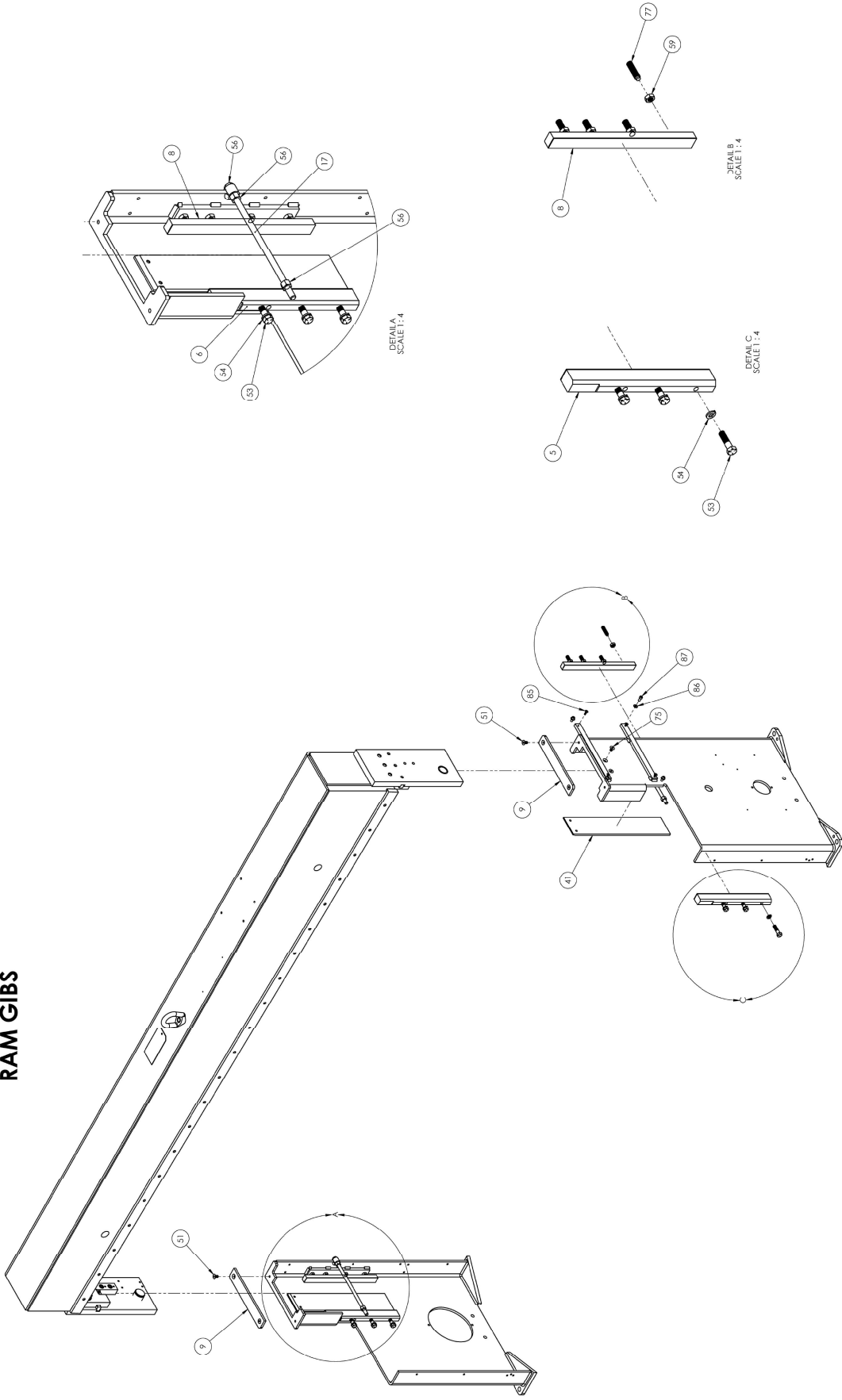
BASIC MECHANICAL - 10M14



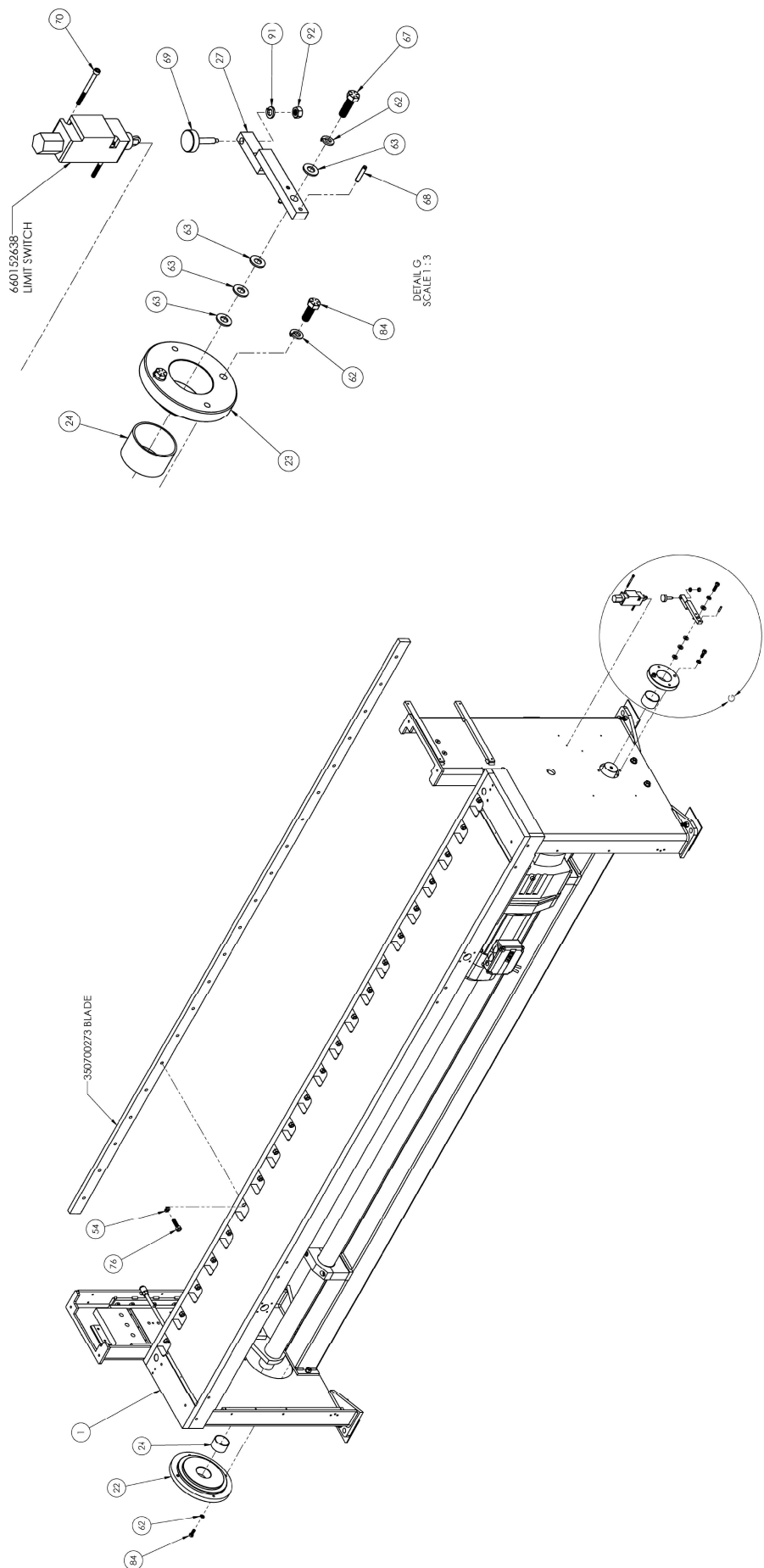
Exploded view diagram of the RAM Assembly. The main structure is shown with various components labeled with callouts 1 through 20. A circular inset provides a detailed view of the blade assembly area, showing the 350/00073 BLADE and its connection to the main structure. The diagram includes a circular inset showing a detailed view of the blade assembly area.



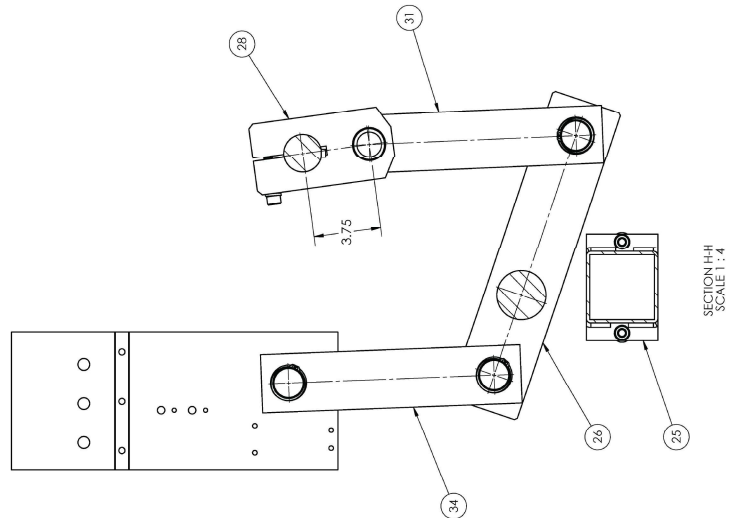
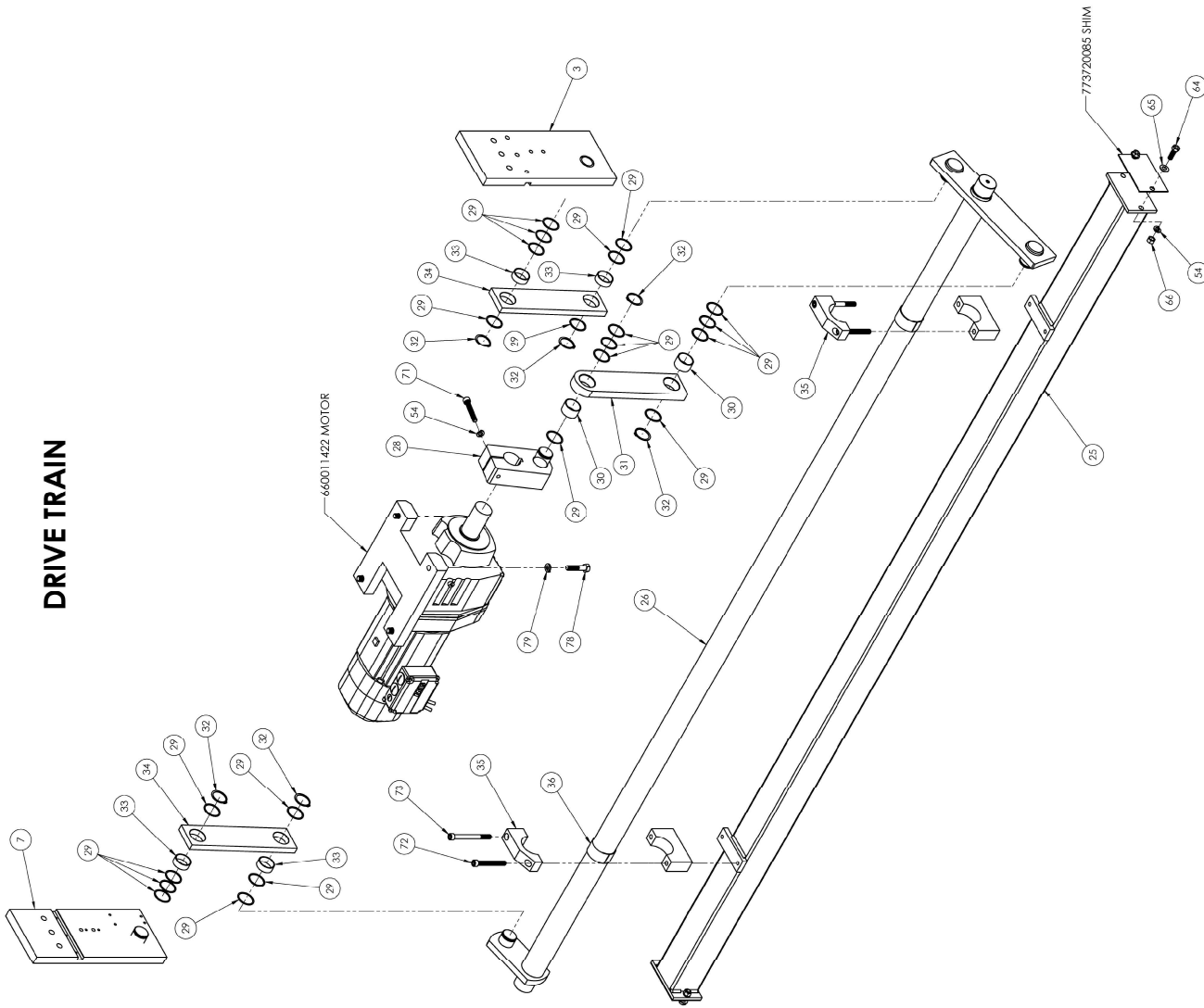
RAM GIBS



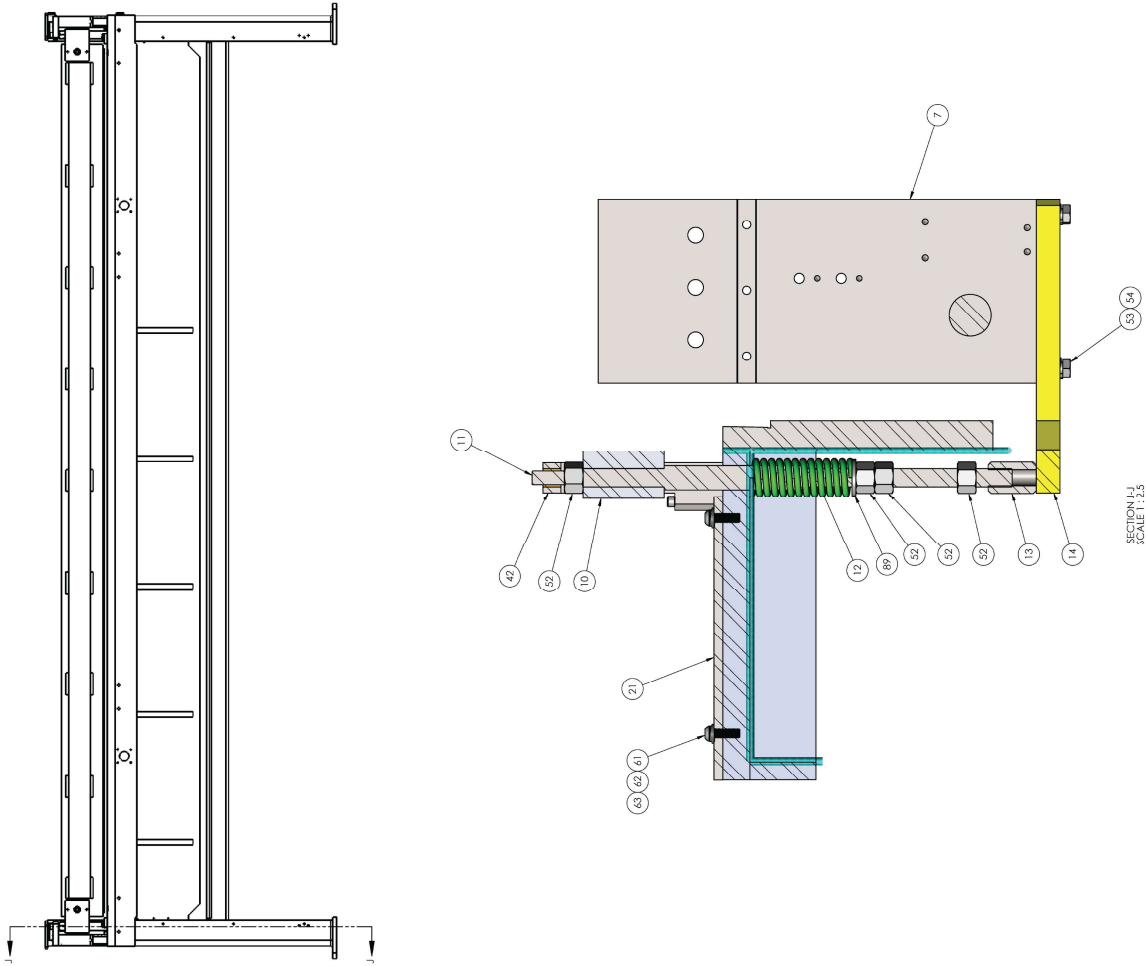
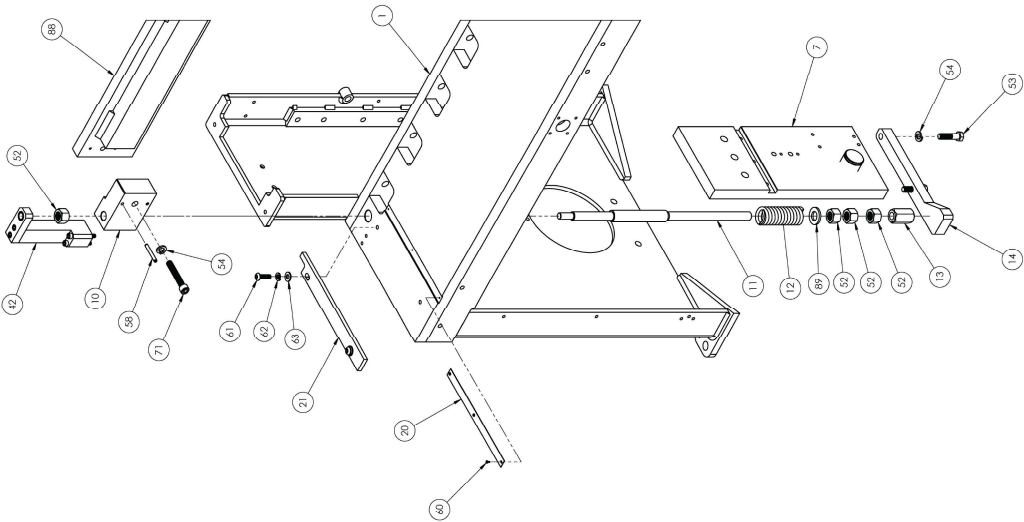
DRIVE MOUNT



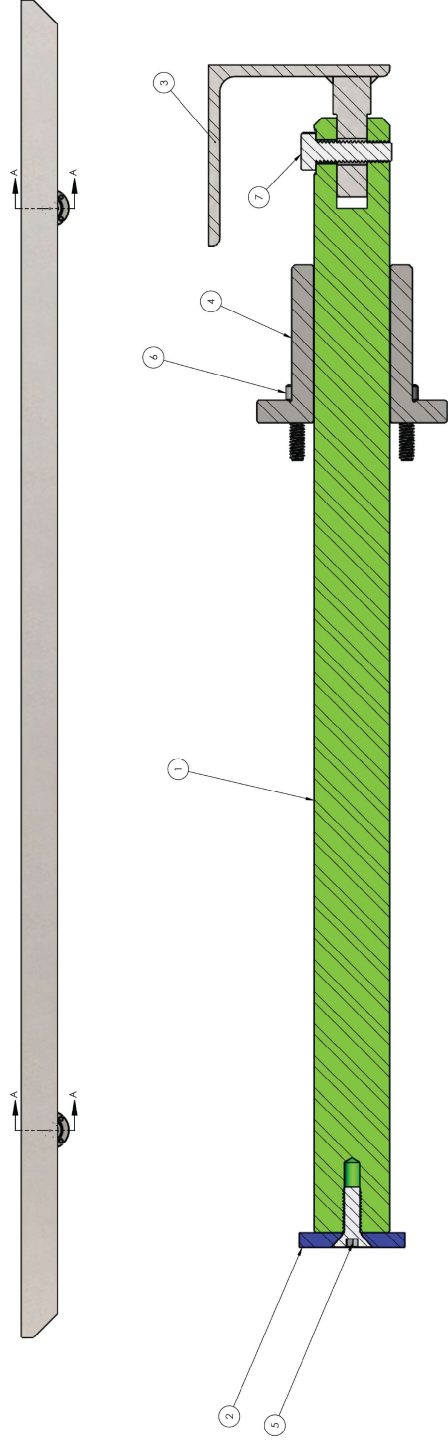
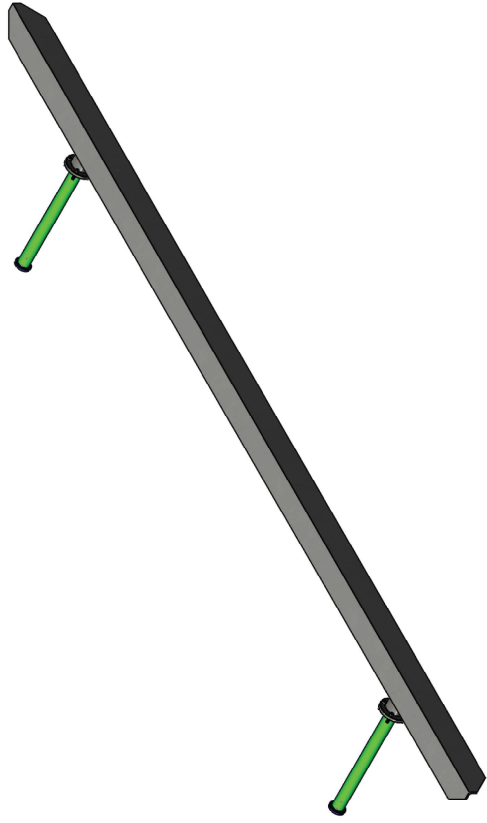
DRIVE TRAIN



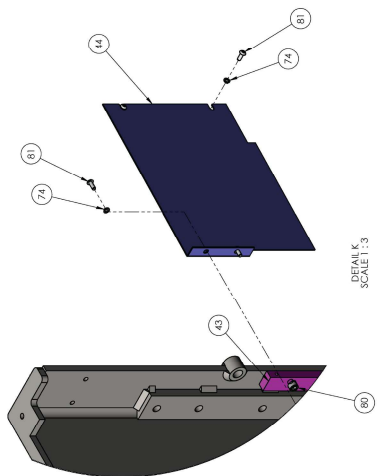
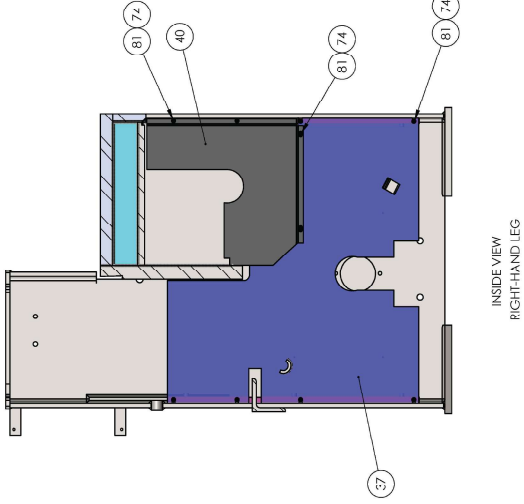
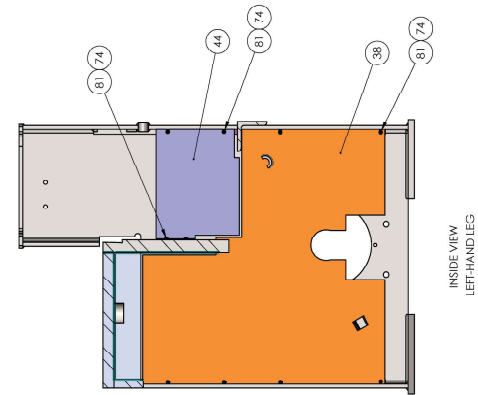
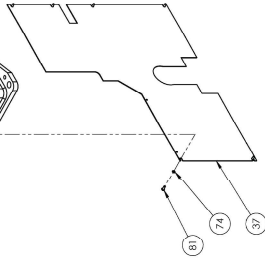
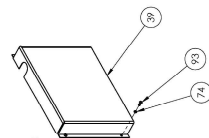
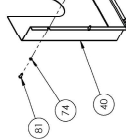
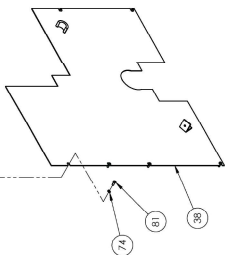
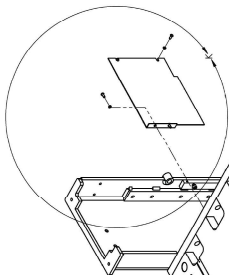
HOLDDOWN ASSEMBLY



FRONT SHEET SUPPORT



GUARDS



BASIC MECHANICAL PARTS LIST

ITEM NO.	QUANTITY	PART NUMBER	DESCRIPTION
1	1	273940040	BED AND LEG WELDMENT
2	1	773610468	RAM
3	1	773000169	GIB PLATE WELDMENT RH.
4	2	773530176	KEY
5	1	773400493	R.H. FIXED GIB ASSY
6	1	773400494	L.H. FIXED GIB ASSY
7	1	773000170	GIB PLATE WELDMENT L.H.
8	2	773400174	ADJUSTABLE GIB ASSEMBLY
9	2	773180178	LEG TIE BAR
10	2	773130048	HOLD DOWN BLOCK
11	2	773030044	HOLD DOWN ROD
12	2	673184615	COMPRESSION SPRING
13	2	773560041	HOLDOWN ADJUSTMENT NUT
14	2	773030047	HOLDOWN RELEASE BAR
15	1	273940081	FRONT SHEET SUPPORT
16	1	773000227	EYE BOLT ASSEMBLY
17	2	773030106	THREADED ROD
18	2	773180177	BLADE ADJUSTMENT BLOCK
19	2	773650180	RAM ADJUSTMENT SCREW
20	2	673000425	BED SCALE
21	2	773030144	BED SQUARING BAR
22	1	773060046	LARGE BEARING PLATE
23	1	773060045	SMALL BEARING PLATE
24	2	773080083	SLEEVE BEARING
25	1	773820036	SUPPORT TUBE WELDMENT
26	1	773000035	ACTUATOR WELDMENT
27	1	773200063	LIMIT SWITCH BRACKET
28	1	773000150	ECCENTRIC GEARBOX LINK
29	22	773630080	SPACER
30	2	773080082	SLEEVE BEARING
31	1	773030149	GEARBOX DRAG LINK
32	6	600164316	EXTERNAL RETAINING RING
33	4	773080081	SLEEVE BEARING
34	2	773030043	RAM ACTUATOR LINK
35	2	773130039	BLOCK, BEARING
36	2	773080110	SLEEVE BEARING
37	1	773440071	R.H. LEG GUARD
38	1	773440197	L.H. LEG GUARD
39	1	773220084	LIMIT SWITCH COVER
40	1	773220549	GEAR BOX GUARD
41	2	773000175	RAM END BEARING
42	2	273940094	MATERIAL HOLD DOWN BAR SUPPORT
43	4	773030548	SHT. METAL MOUNTING RAIL
44	1	773220550	LEFT LEG GUARD
45	4	783060213	LEVELING PLATE
46	1	669021310	1/2" STRAIGHT CONNECTOR
47	1	660172855	LOCKNUT, 1/2" NPT PLASTIC CONDUIT
48	6	611012133	SHCS, 5/16"-18 X 1.00"

BASIC MECHANICAL PARTS LIST CONT'D

ITEM NO.	QUANTITY	PART NUMBER	DESCRIPTION
49	6	603012416	HHCS, 3/4"-10 X 2.5"
50	6	679033110	.75" SPLIT LOCK WASHER
51	4	613012173	SHFS 3/8-16 X 3/4
52	8	643023010	3/4-10" HEX NUT
53	10	603012280	HHCS, 1/2"-13 X 2.00"
54	59	679033107	1/2 LOCK WASHER
55	1	643023011	7/8-9 HEX NUT
56	6	645023007	1/2-20" HEX NUT
57	4	611012275	SHCS 1/2-13 X 1 1/2
58	8	600063473	PIN, SPRING 1/4 X 2"
59	10	652023007	1/2-20 HEX JAM NUT
60	6	607012643	PAN HEAD, #4-40 X 1/4
61	4	615012177	SHBS 3/8-16 X 1 1/4
62	9	679033105	3/8 SPLIT LOCK WASHER
63	8	678033105	3/8 WASHER
64	4	601012275	1/2-13 X 1 1/2 HHCS
65	4	678033107	WASHER, FLAT 1/2
66	8	643023007	HEX NUT 1/2-13
67	1	601012177	3/8-16 X 1 1/4 HHCS
68	2	600063455	3/16 X 1" ROLL PIN
69	1	673012659	SCREW ADJ. 5/16-18 X 1 1/2
70	2	611012065	#10-24 X 2-1/4 SHCS
71	3	611012283	1/2-13 X 3" SHCS
72	2	611012287	1/2-13 X 4 SHCS
73	2	611012292	1/2-13 X 5 1/4 SHCS
74	22	679033102	#10 SPLIT LOCK WASHER
75	4	613012172	3/8-16 X 5/8 FLAT HD. CAP SCREW
76	42	602012277	HHC SCREW 1/2-20 X 1 3/4"
77	8	690012660	1/2-20 X 2" FULL DOG SHSS
78	4	601012373	HHCS, 5/8"-11 X 2.50"
79	4	679033109	5/8 SPLIT LOCK WASHER
80	12	611012132	SHCS, 5/16"-18 X .875"
81	20	616012051	BHCS, #10-32x.50LG
82	1	673000386	WARNING TAG
83	4	621012277	1/2-13 X 1 3/4 CUP PT. SET SCREW
84	4	601012175	3/8-16 X 1" HHCS
85	4	613012089	FHSCS, 1/4-20 X .75"
86	4	678033104	5/16" FLAT WASHER
87	4	611012130	SCREW, SHC 5/16-18 x 5/8
88	1	773010195	HOLD DOWN BAR
89	8	678033110	WASHER, FLAT 3/4
90	1	679033111	7/8" SPLIT LOCK WASHER
91	1	679033104	5/16 LOCK WASHER
92	1	643023004	NUT, 5/16-18
93	4	615012051	SBHCS, #10-24 X .50"

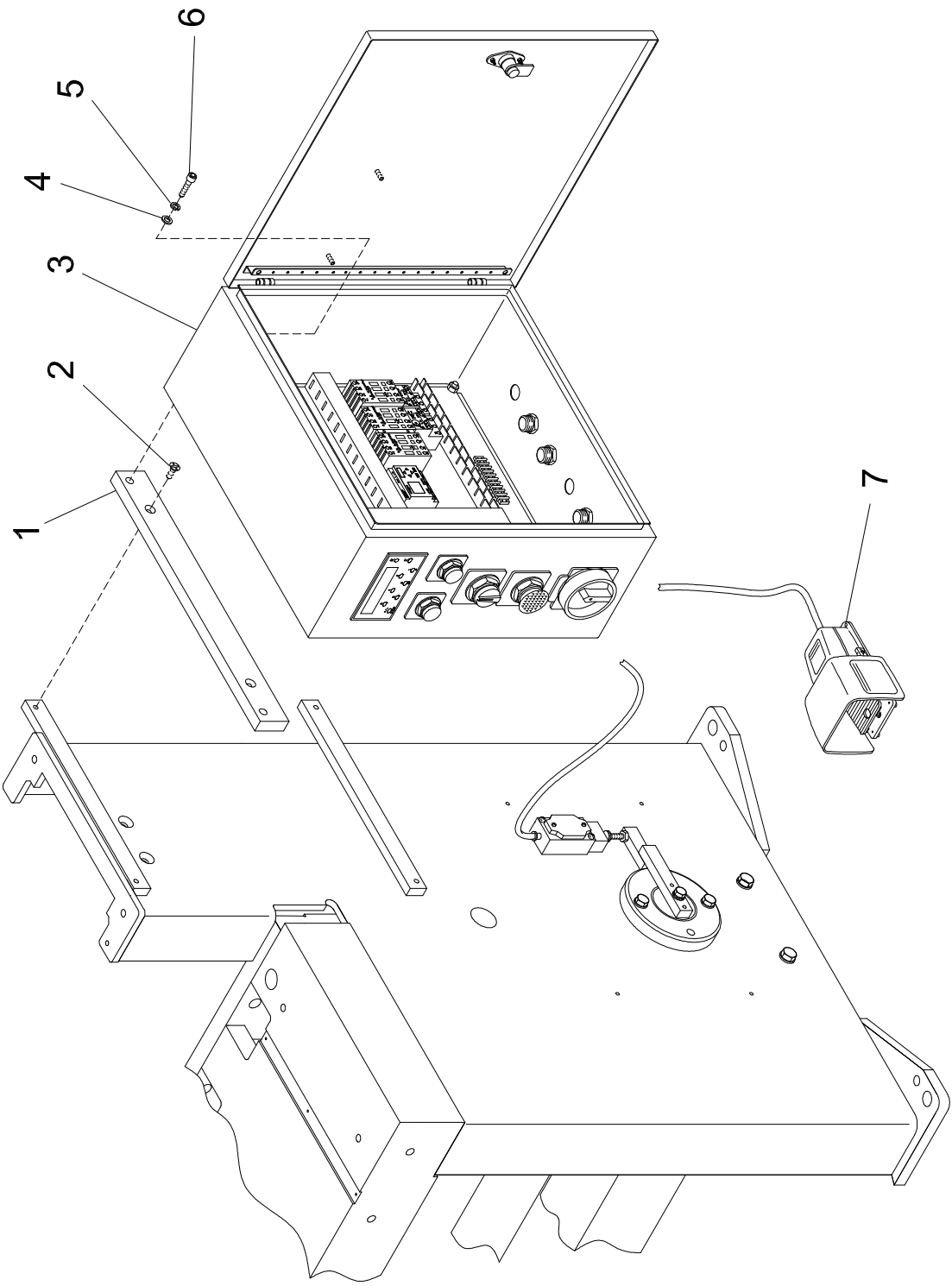
FRONT SHEET SUPPORT PARTS LIST

ITEM NO.	QUANTITY	PART NUMBER	DESCRIPTION
1	2	773680502	PULL-OUT SUPPORT ARM
2	2	773030503	STOP WASHER
3	1	773030501	PULL-OUT SUPPORT BEAM
4	2	673194820	SLIDE BUSHING
5	2	613012133	FHCS, 5/16" -18 X 1.00"
6	8	611012091	SHCS, 1/4"-20 X 1.00"
7	2	601012177	3/8-16 X 1 1/4 HHCS

SECTION 2:

ELECTRICAL AND CONTROLS

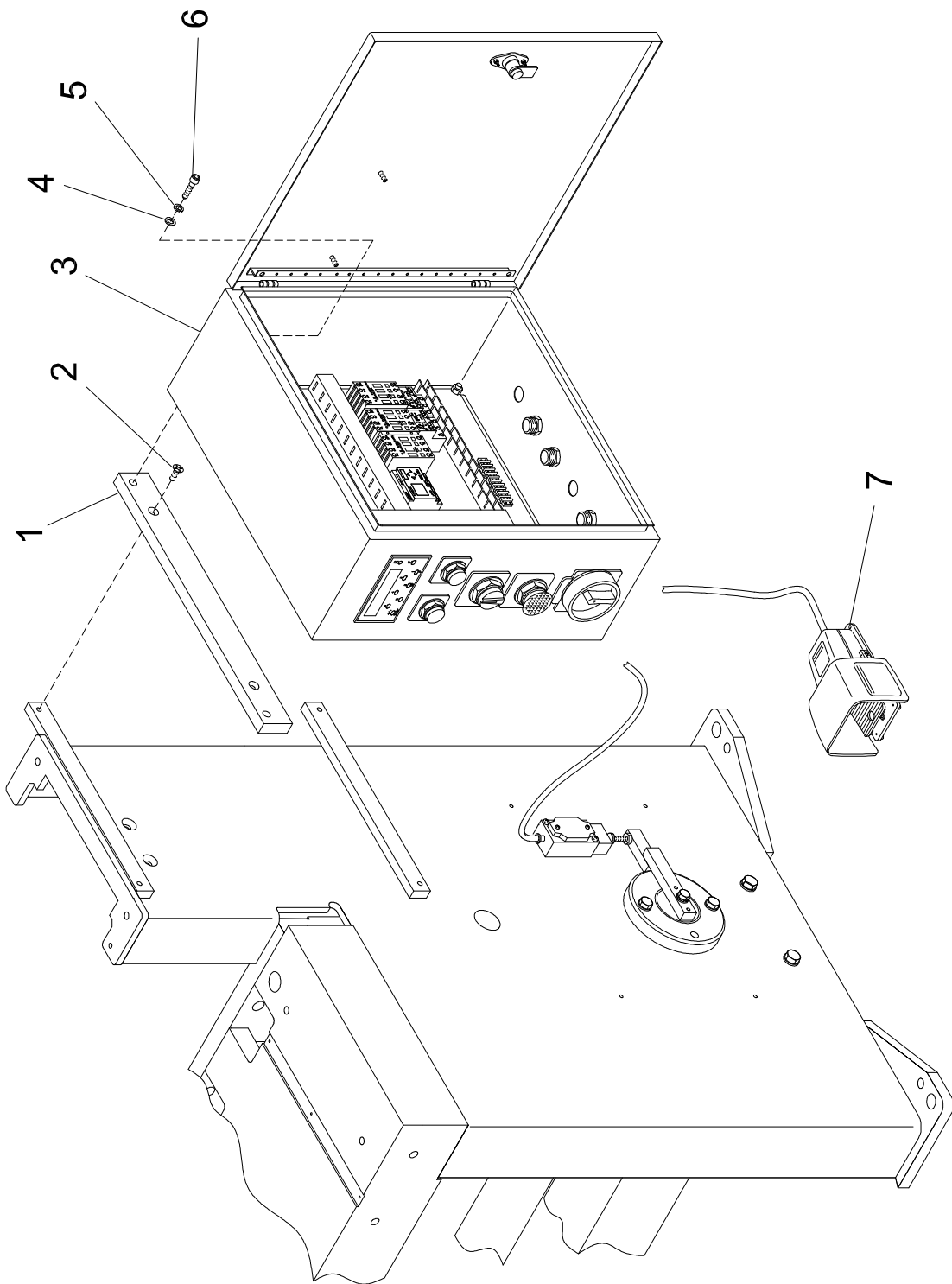
ELECTRICAL AND CONTROLS - 10M14



STROKE COUNTER PANEL

ITEM	QTY.	RW PART #	RW PART DESCRIPTION
1	2	77180216	ELECTRIC PANEL SUPPORT MOUNTING BRACKET
2	4	613012089	1/4-20 X 3/4 SOC HD FLAT SCREW
3	1	660193242	STROKE COUNTER PANEL
4	4	678033103	1/4 FLAT WASHER
5	4	679033103	1/4 LOCK WASHER
6	4	611012130	5/16-18 X 5/8 SOC HD CP SCREW
7	1	660092130	FOOT SWITCH

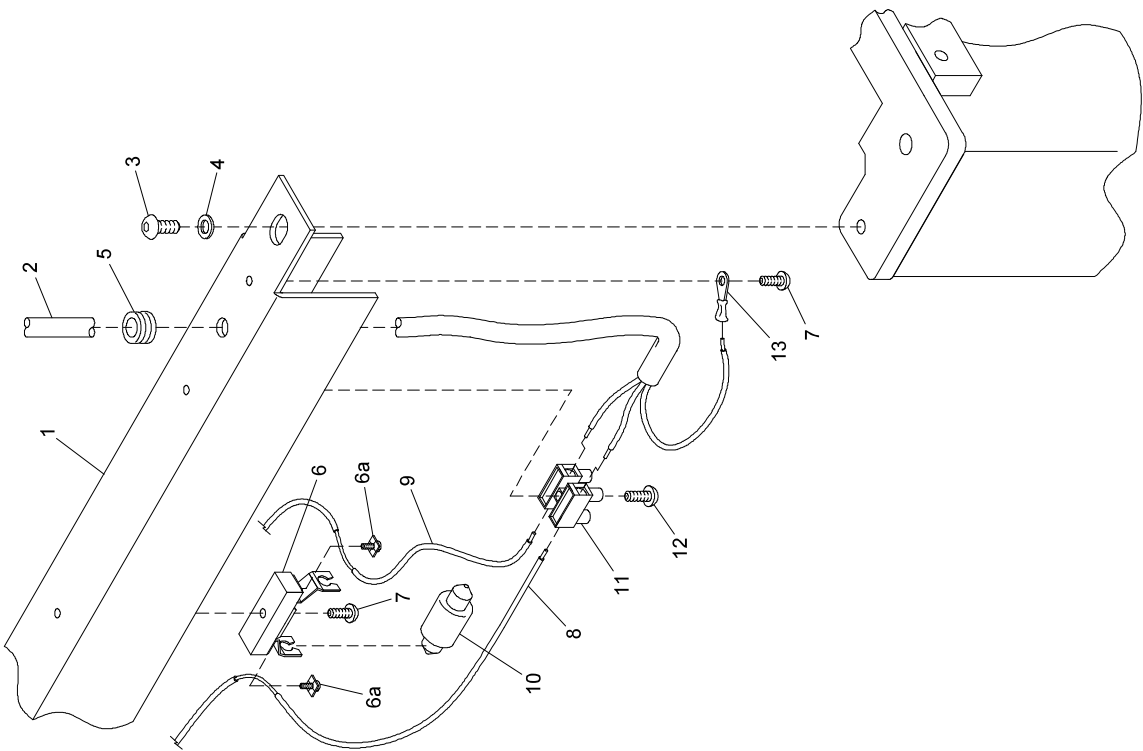
ELECTRICAL AND CONTROLS - 10M14



DRO PANEL

ITEM	QTY.	RW PART #	RW PART DESCRIPTION
1	2	773180216	ELECTRIC PANEL SUPPORT MOUNTING BRACKET
2	4	613012089	1/4-20 X 3/4 SOC HD FLAT SCREW
3	1	660193232	DRO PANEL 230V
4	4	678033103	1/4 FLAT WASHER
5	4	679033103	1/4 LOCK WASHER
6	4	611012130	5/16-18 X 5/8 SOC HD CP SCREW
7	1	660092130	FOOT SWITCH

ELECTRICAL AND CONTROLS - 10M114



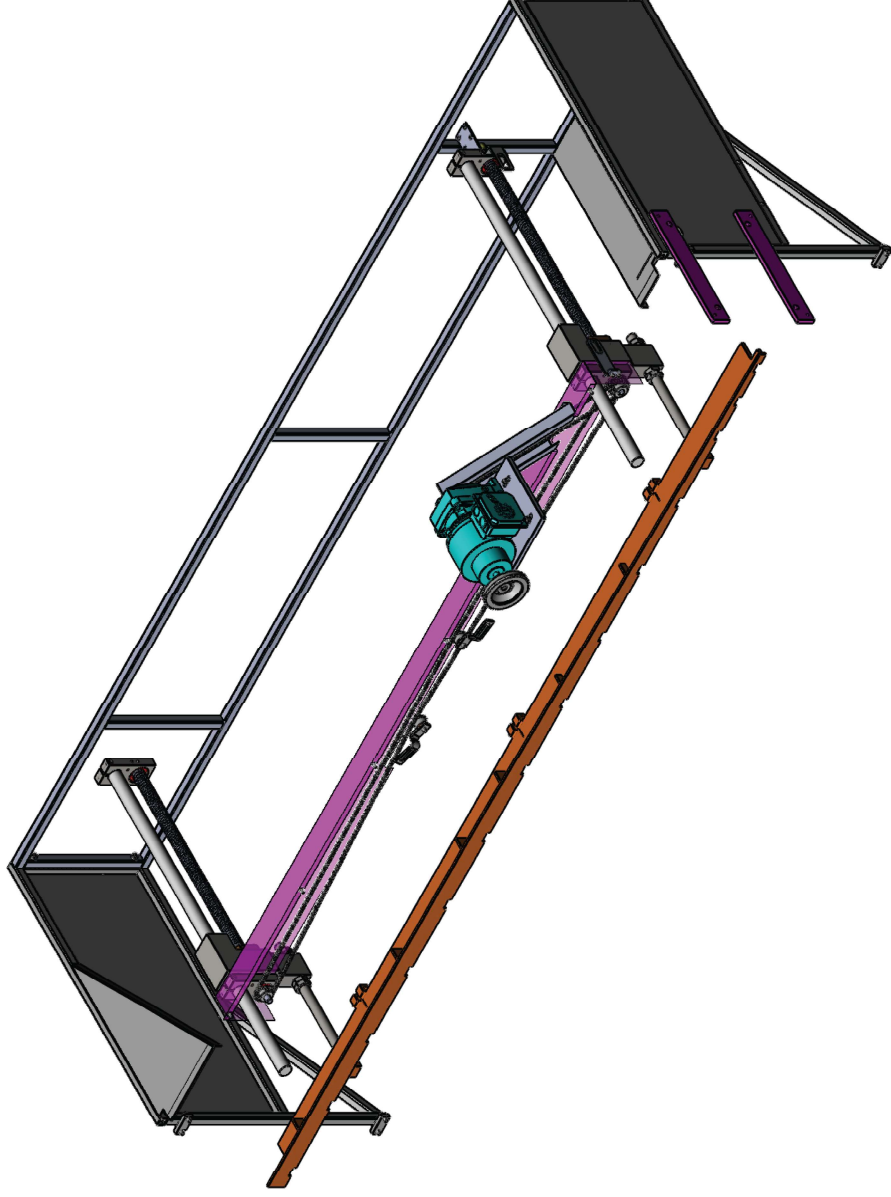
LIGHT ASSEMBLY

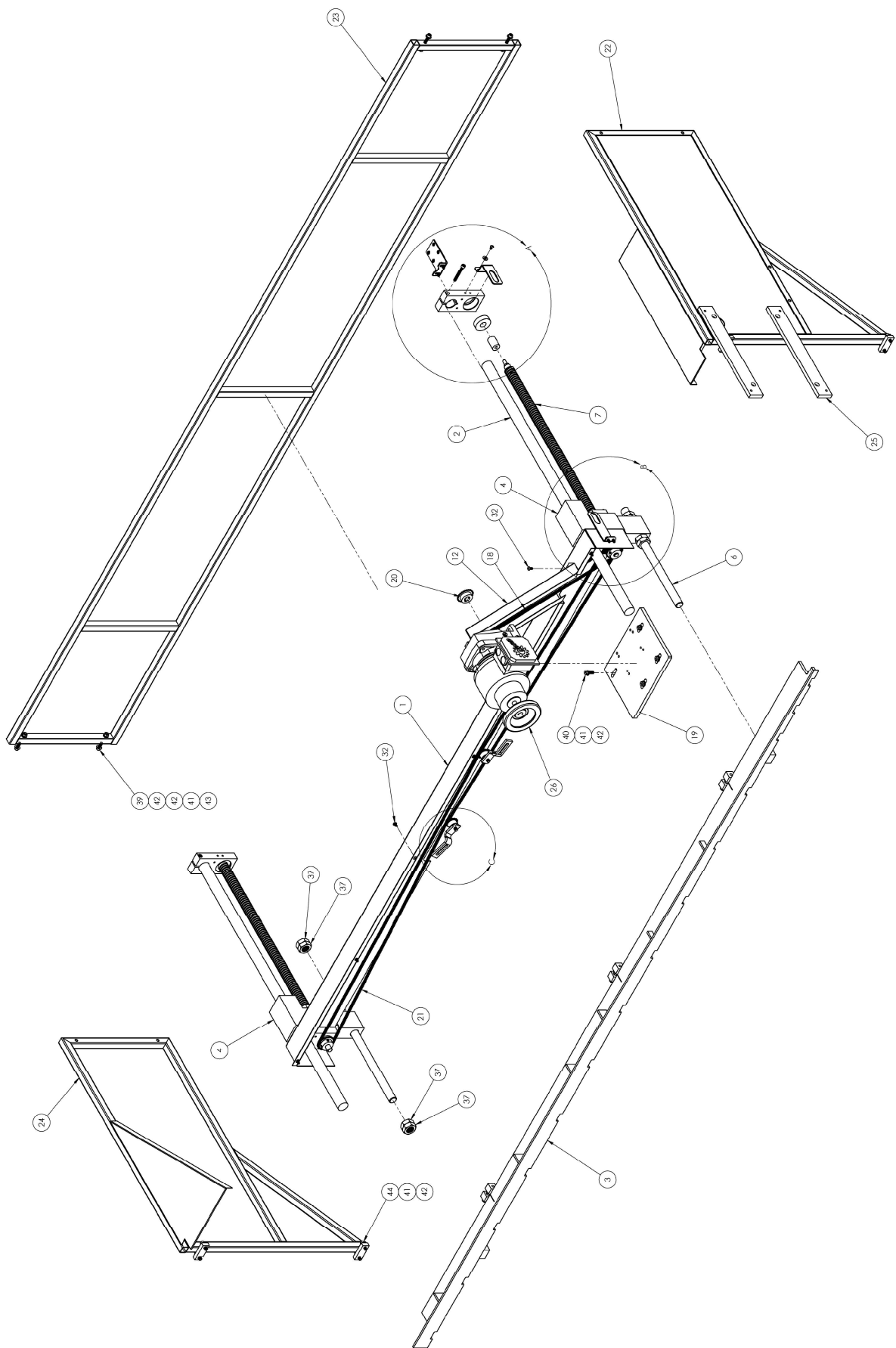
ITEM	QTY	RW PART #	RW PART DESCRIPTION
1	1	773140053	LIGHT FRAME
2	1	660000022	WIRE-CORD #16/3 TYPE SJ
3	2	615012084	1/4-20 X 3/8 SOCKET HEAD BUTTON SCREW
4	2	678033103	1/4 FLAT WASHER
5	1	600000378	RUBBER GROMMET #9600K33
6	10	660000024	LAMP SOCKET
7	11	609012003	#6-32 X 3/8 RHM SCREW
8	1	660000225	SOLID 16 GA. WHITE WIRE
9	1	660000226	SOLID 16 GA. BLACK WIRE
10	10	660000223	LAMP (FESTOONE)
11	1	660000227	TERMINAL STRIP
12	1	609012005	#6-32 X 1/2 RD HD SCREW
13	1	660182900	16 GA. RING TERMINAL

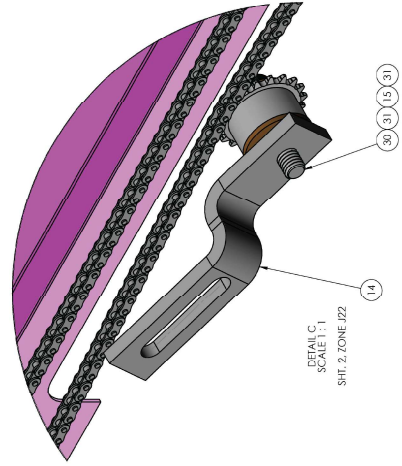
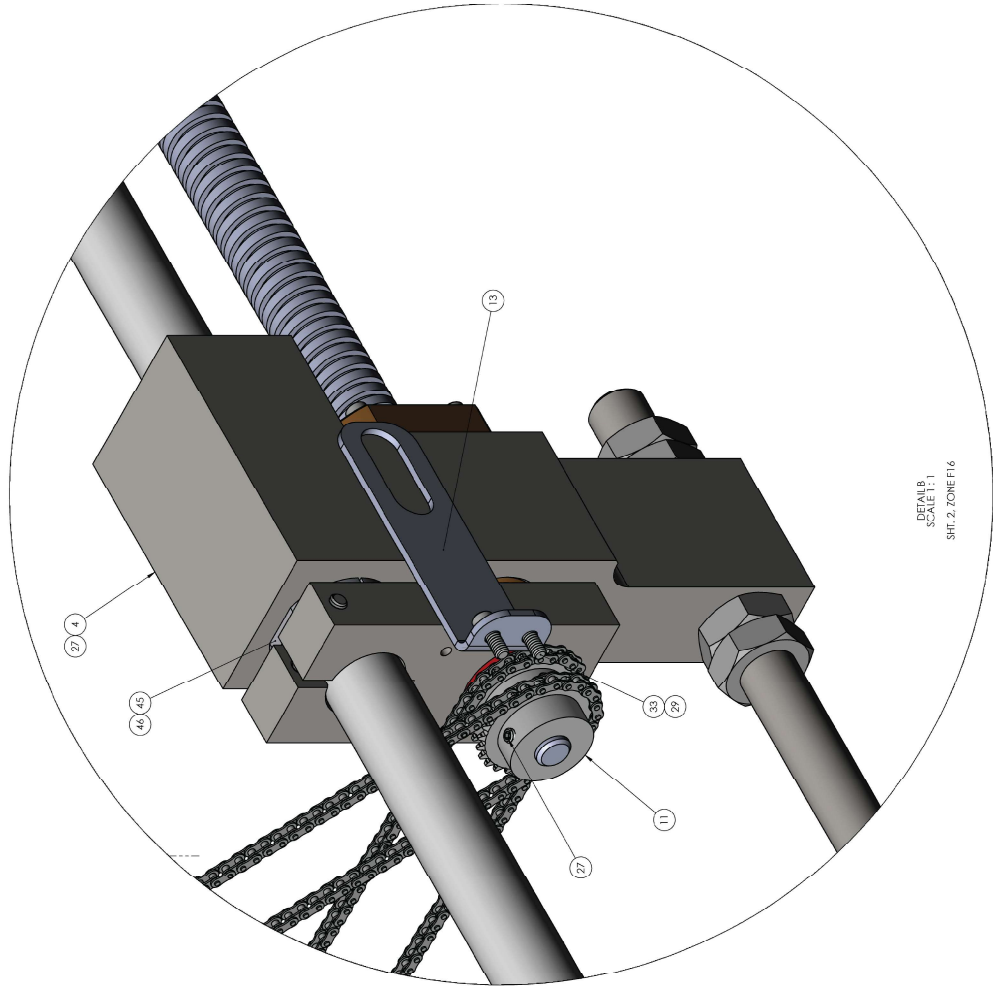
SECTION 3:

BACKGAUGE

BACKGAUGE ASSEMBLY DRO - 10M14







DETAIL B
SCALE 1:1
SHT. 2, ZONE F16

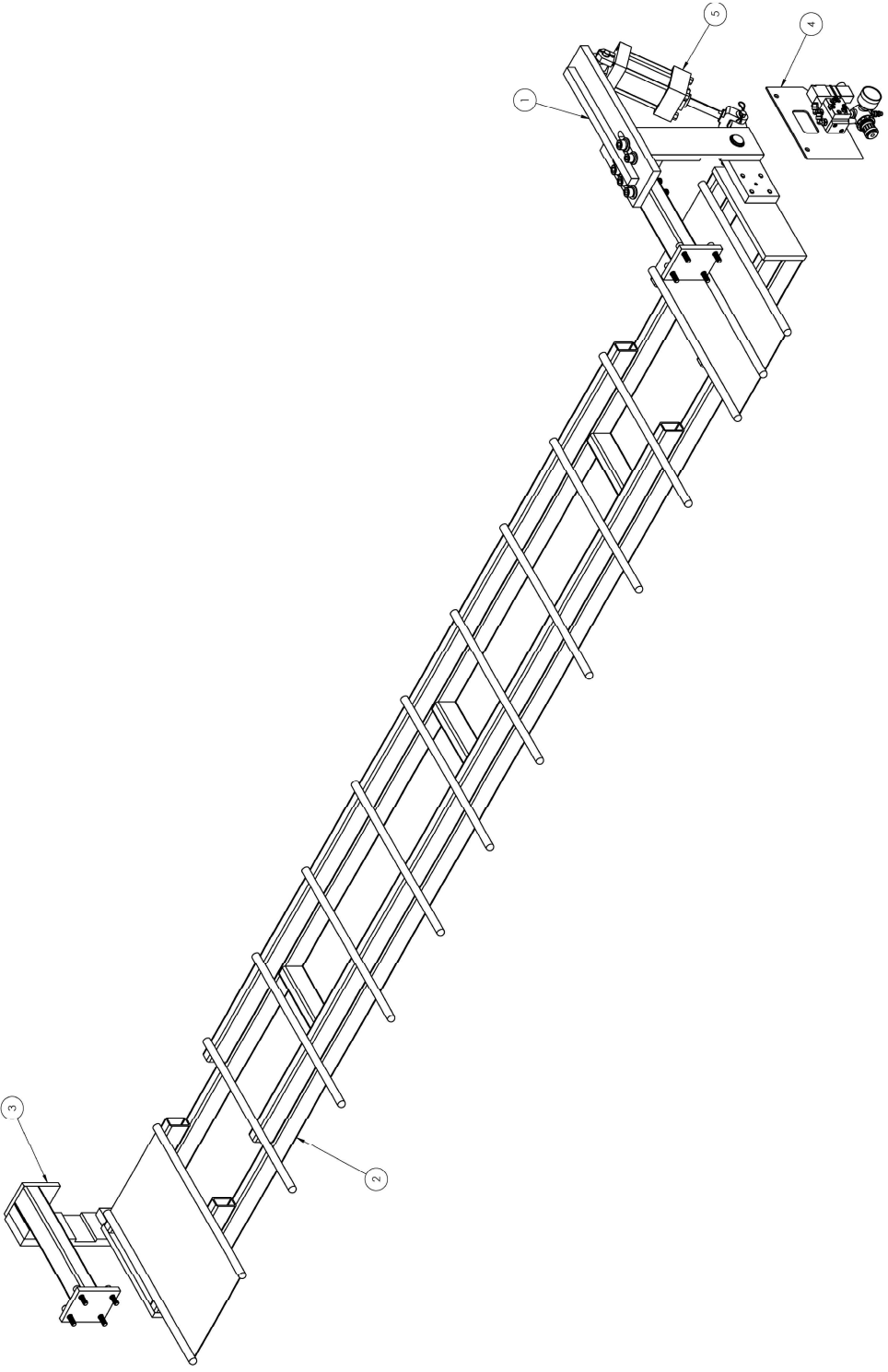
BACKGAUGE ASSEMBLY DRO PARTS LIST

ITEM NO.	QUANTITY	PART NUMBER	DESCRIPTION
1	1	773440228	LOWER CHAIN GUARD
2	2	773680485	BACKGAUGE SUPPORT SHAFT
3	1	773130473	BACKGAUGE STOP
4	2	273940077	GUIDE BLOCK ASSY
5	4	773010491	BEARING AND ENCODER MOUNT
6	2	773030000	BACKGAUGE HOLDER ROD
7	2	773650495	ACME SCREW
8	4	673204725	BALL BEARING, 20mm ID X 52mm OD X 15mm
9	1	773200154	ENCODER BRACKET
10	1	773200155	REAR OVER-TRAVEL BRACKET
11	3	673285513	.625" BORE SPROCKET
12	1	773440230	UPPER CHAIN GUARD
13	1	773200189	FRONT OVER TRAVEL BRACKET
14	2	773200021	IDLER BRACKET
15	2	673285514	SPROCKET, IDLER
16	1	773680199	ENCODER SHAFT
17	1	660386621	COUPLING
18	1	673000405	CHAIN, ROLLER 183 LINKS
19	1	773060186	B.G. MOTOR MOUNTING PLATE
20	1	773000222	.750" BORE SPROCKET FOR B.G.
21	1	673000372	CHAIN, ROLLER 729 LINKS
22	1	773140479	R.H. WELDED FRAME
23	1	773140234	END TUBE
24	1	773140480	L.H. WELDED FRAME
25	2	773180216	PANEL MOUNTING BRACKET
26	1	773000223	HAND WHEEL FOR B.G. MOTOR
27	9	621012086	SSS, 1/4"-20 X .500"
28	2	615012084	BHCS, 1/4"-20 X .375"
29	4	678033103	1/4" WASHER
30	2	642012656	SCREW, SHOULDER 1/2 DIA. X 1.00 LONG
31	4	633033137	WASHER, SILICON BRONZE FLAT 9/16 ID X 1 1/4 OD
32	8	615012086	BHCS, 1/4"-20 X .500"
33	4	611012088	SHCS 1/4-20 X 5/8
34	2	679033103	1/4 SPLIT LOCK WASHER
35	4	609012003	BHCS, #6-32 X .375"
36	4	678033100	WASHER, FLAT #6
37	8	649023012	JAM NUT, 1"-8
38	1	649023005	JAM NUT, 3/8"-16
39	8	611012143	SHCS, 5/16"-18 X 2.50"
40	4	601012133	HHCS, 5/16"-18 X 1.00"
41	16	679033104	5/16 LOCK WASHER
42	20	678033104	5/16" FLAT WASHER
43	4	643023004	NUT, 5/16-18
44	8	611012133	SHCS, 5/16"-18 X 1.00"
45	2	773260654	CLAMPING, 2 PIECE SHAFT COLLAR
46	4	600013147	SHCS 5-40 X 3/4

SECTION 4:

MATERIAL RETURN

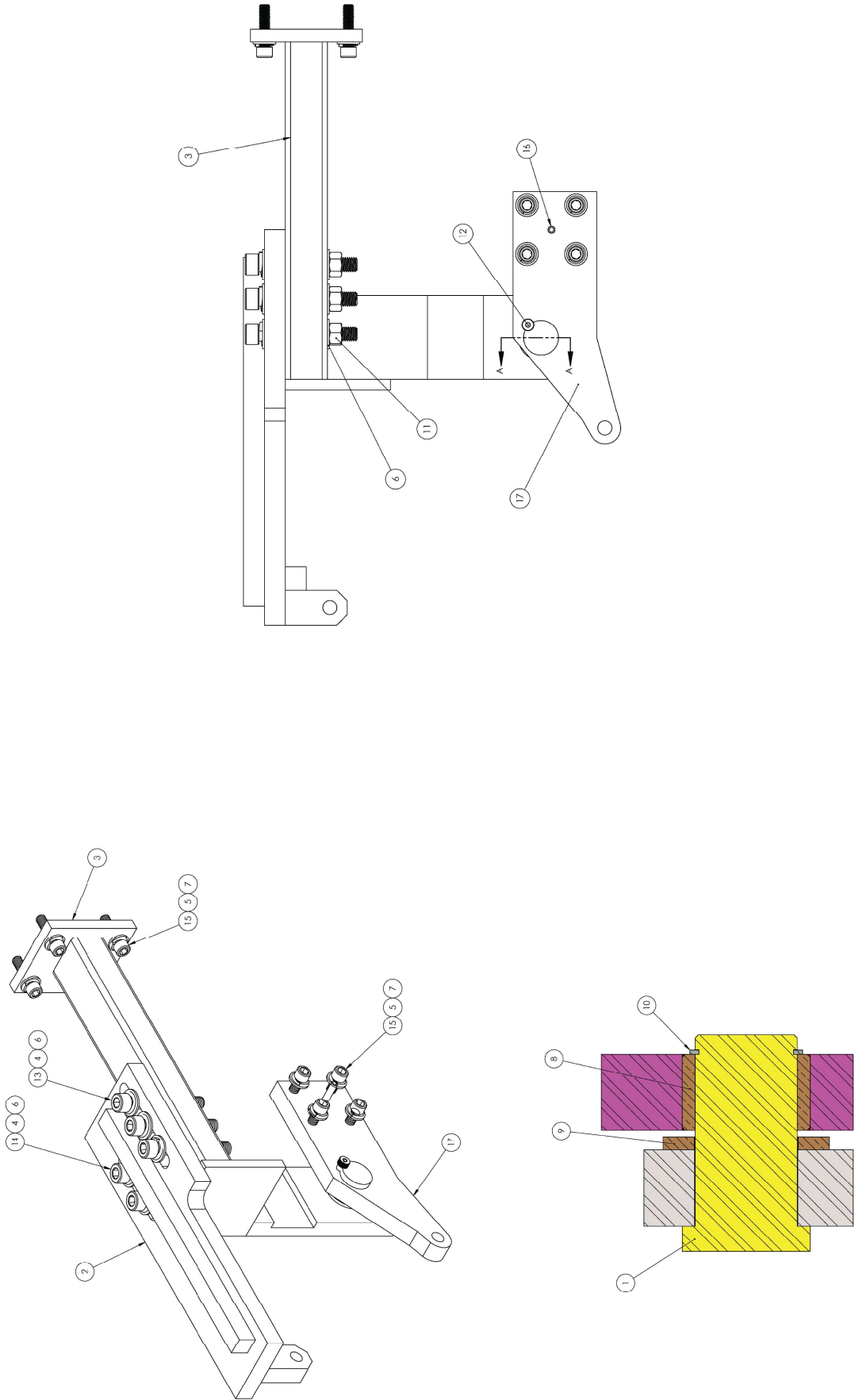
MATERIAL RETURN - 10M14



MATERIAL SUPPORT ASSEMBLY PARTS LIST

ITEM NO.	QUANTITY	PART NUMBER	DESCRIPTION
1	1	273940071	R.H. PIVOT ASSEMBLY
2	1	773090466	BALE WELDMENT
3	1	273940072	L.H. PIVOT ASSEMBLY
4	1	773060489	AIR VALVE MOUNTING PLATE
5	1	269940065	PNEUMATIC ASSEMBLY

R.H. PIVOT ASSEMBLY - 10M14

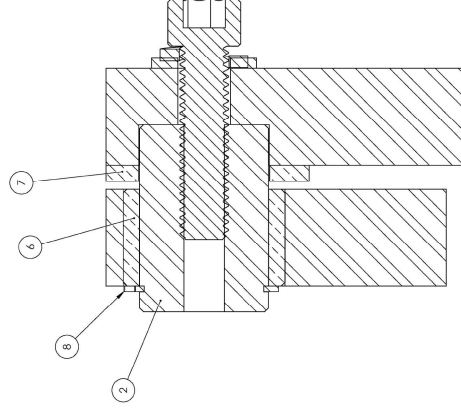
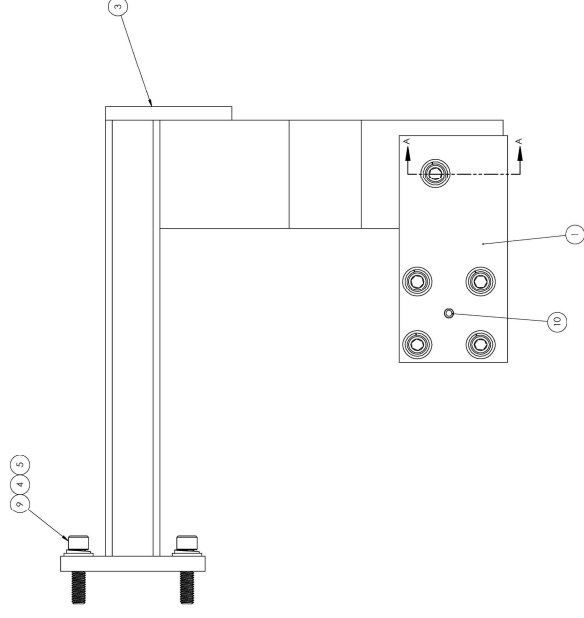
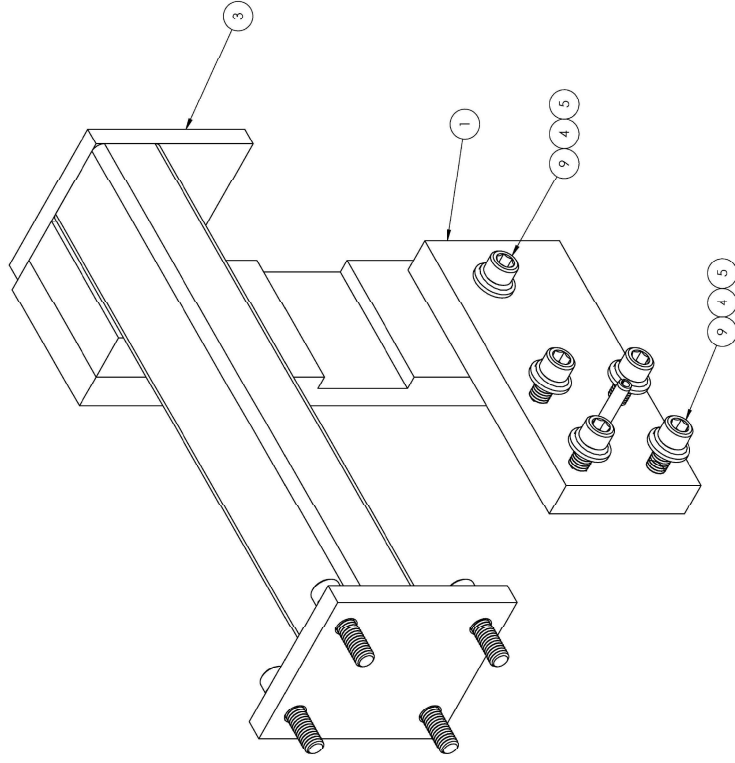


SECTION A-A
SCALE 2:1

R. H. PIVOT ASSEMBLY PARTS LIST

ITEM NO.	QUANTITY	PART NUMBER	DESCRIPTION
1	1	773160427	RH PIVOT PIN
2	1	773030462	ARM EXTENSION
3	1	773030430	R.H. PIVOT ARM
4	5	679033107	1/2 LOCK WASHER
5	8	679033105	3/8 SPLIT LOCK WASHER
6	8	678033107	WASHER, FLAT 1/2
7	8	678033105	3/8 WASHER
8	1	673194785	BUSHING, 1.00" X 1.25" X .75"
9	1	657245118	BEARING, THRUST
10	1	656164302	RETAINING RING
11	3	643023007	HEX NUT 1/2-13
12	1	642012124	SHOULDER BOLT
13	3	611012285	SCREW, SHC
14	2	611012275	SHCS 1/2-13 X 1 1/2
15	8	611012179	SHCS, 3/8-16 X 1.50"
16	1	600063473	PIN, SPRING 1/4 X 2"
17	1	473060241	RH PIVOT PLATE

L.H. PIVOT ASSEMBLY - 10M14

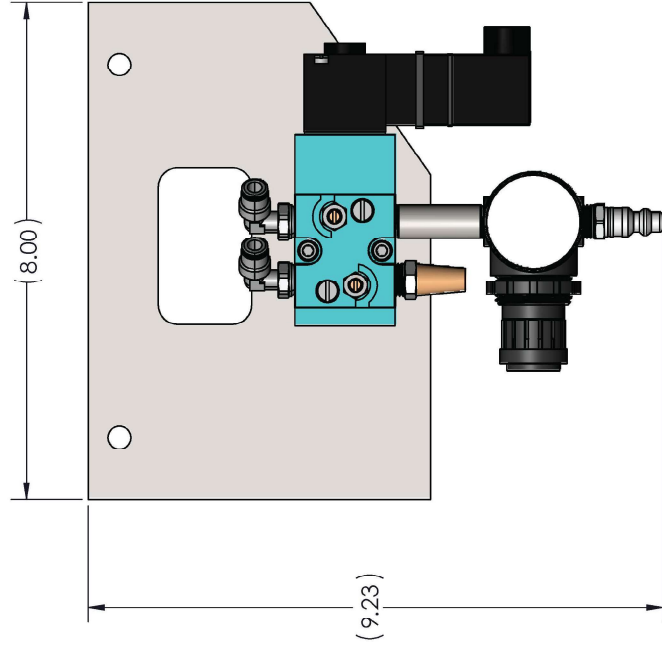
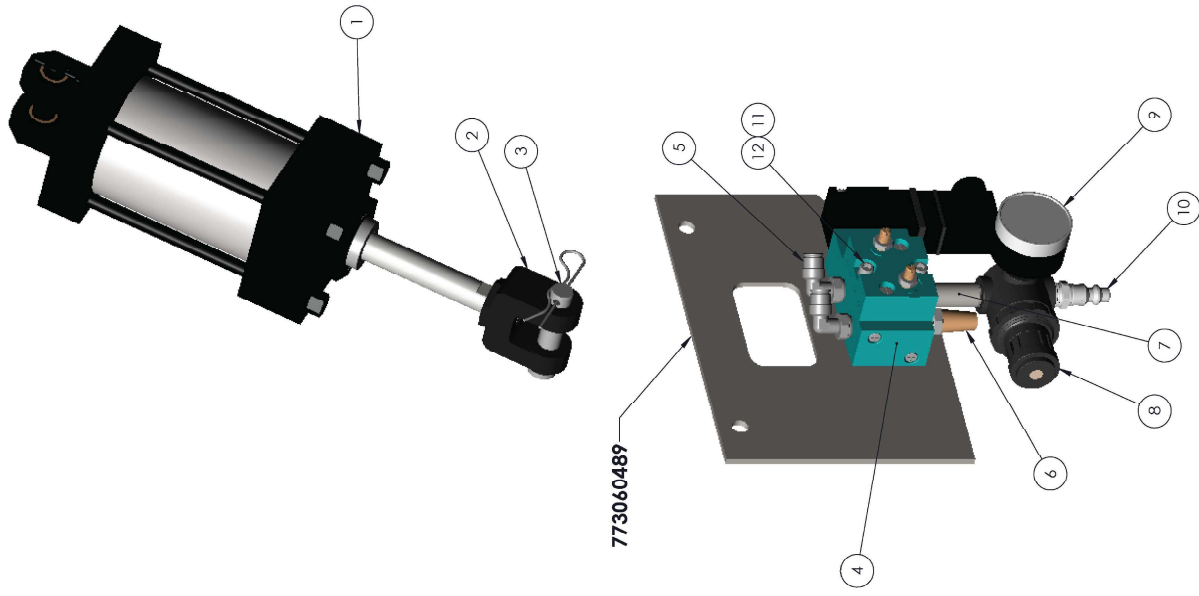


SECTION A-A
SCALE 2 : 1

L.H. PIVOT ASSEMBLY PARTS LIST

ITEM NO.	QUANTITY	PART NUMBER	DESCRIPTION
1	1	773060465	L.H. PIVOT PLATE
2	1	773030464	L.H. PIVOT PIN
3	1	773030433	LH. PIVOT ARM
4	9	679033105	3/8 SPLIT LOCK WASHER
5	9	678033105	3/8 WASHER
6	1	673194785	BUSHING, 1.00" X 1.25" X .75"
7	1	657245118	BEARING, THRUST
8	1	656164302	RETAINING RING
9	9	611012179	SHCS, 3/8-16 X 1.50"
10	1	600063473	PIN, SPRING 1/4 X 2"

PNEUMATIC ASSEMBLY



PNEUMATIC ASSEMBLY PARTS LIST

ITEM NO.	QUANTITY	PART NUMBER	DESCRIPTION
1	1	669214015	CYLINDER, 2 1/2 BORE X 2 1/2 STROKE
2	1	669203818	ROD CLEVIS
3	1	669203819	CLEVIS PIN
4	1	669274817	VALVE, AIR FLOW CONTROL
5	2	669224133	90° SWIVEL ELBOW
6	1	669203820	AIR MUFFLER
7	1	600144108	PIPE NIPPLE, 1/4 NPT X 2 1/2
8	1	669234411	AIR REGULATOR
9	1	669254606	PRESSURE GAUGE, 0 - 160 PSI
10	1	669224149	1/4" NPT MALE HOSE CONNECTOR
11	2	679033102	#10 SPLIT LOCK WASHER
12	2	611012064	SHCS 10-24 X 2"
13	2	669244511	1/4" TUBING (CUT 48.0 LONG)