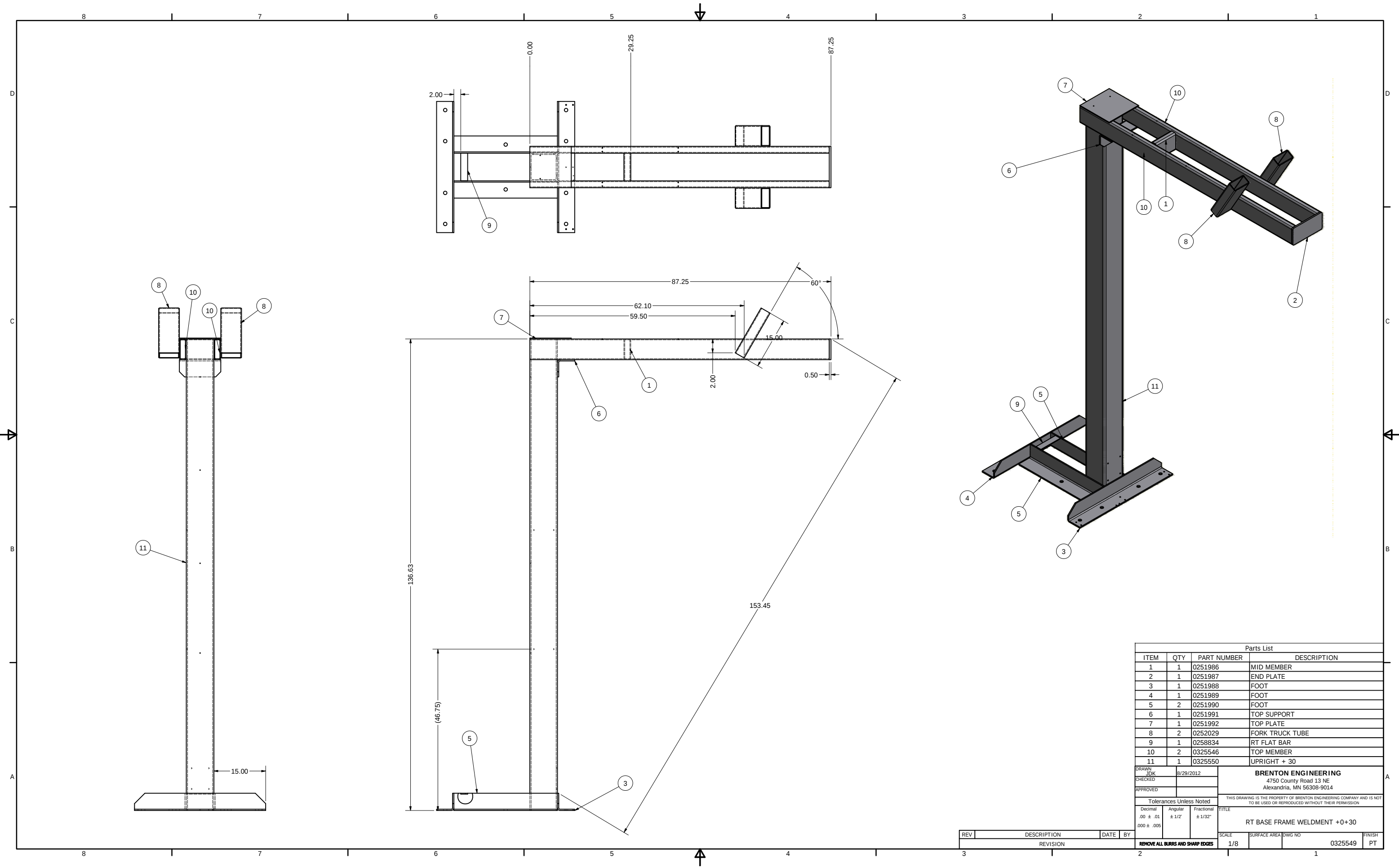
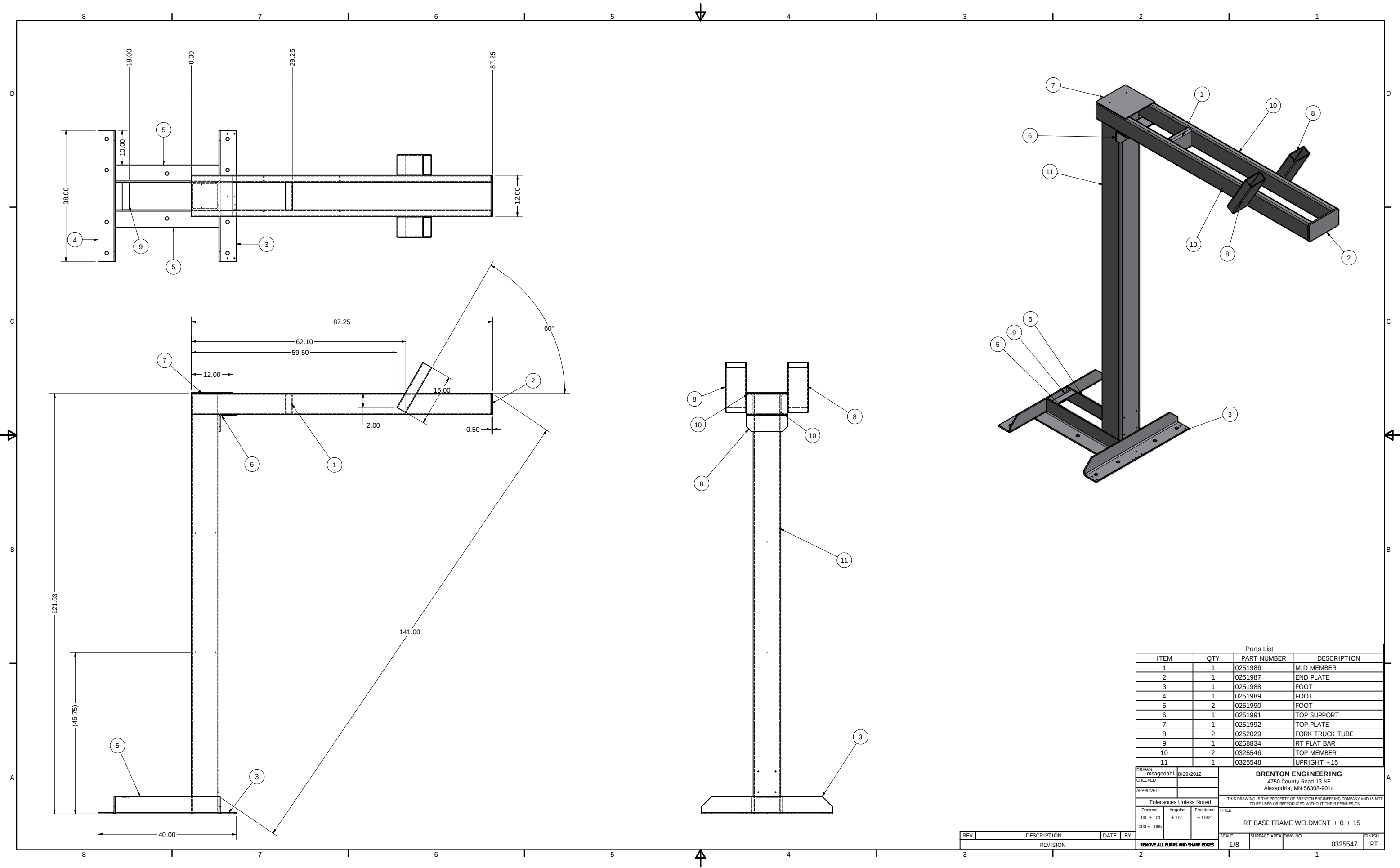


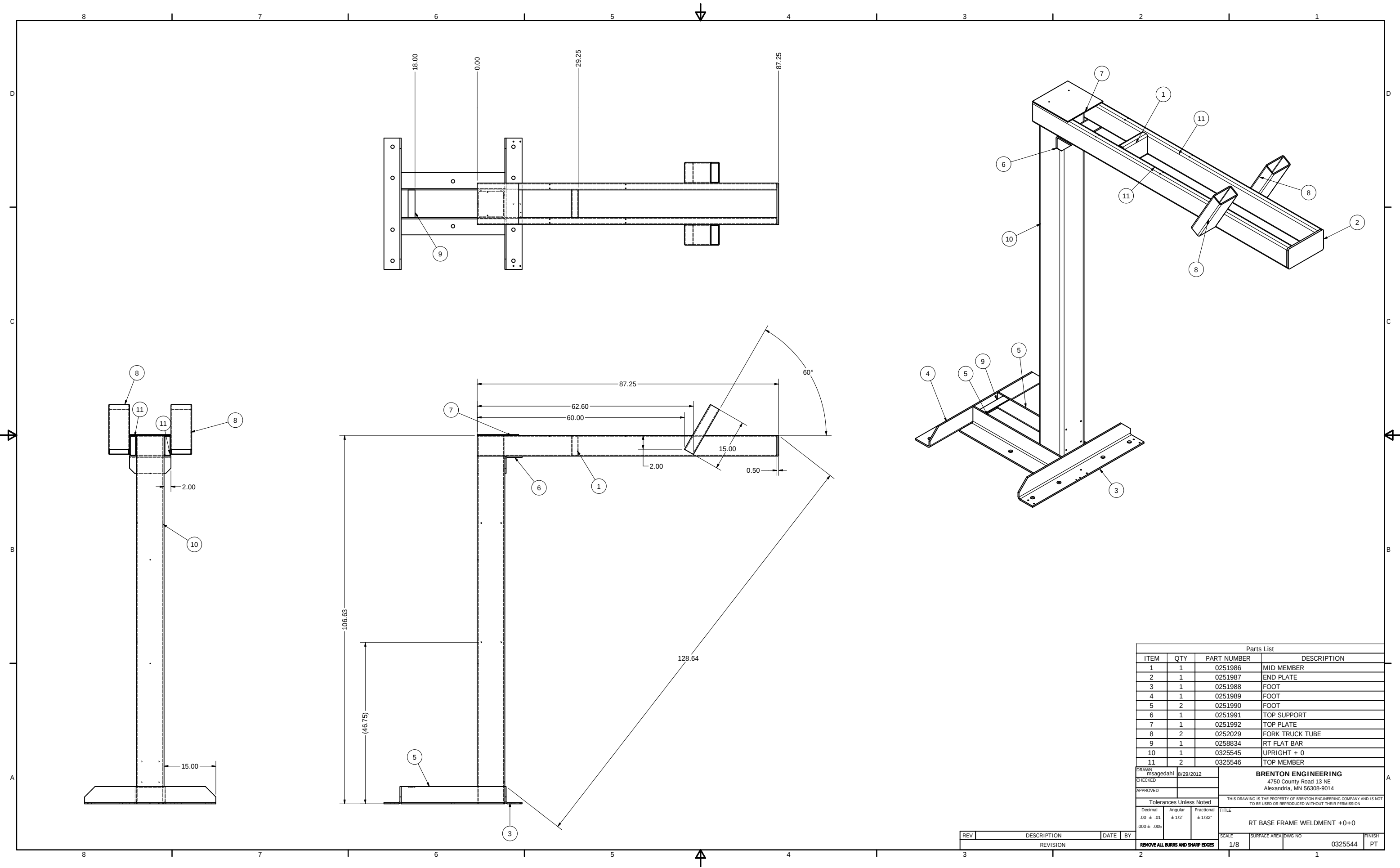
DRAWN BY SOW	2/11/2008	BRENTON ENGINEERING 4750 County Road 13 NE Alexandria, MN 56308-9014					
CHECKED		THIS DRAWING IS THE PROPERTY OF BRENTON ENGINEERING COMPANY AND IS NOT TO BE USED OR REPRODUCED WITHOUT THEIR PERMISSION					
APPROVED		Tolerances Unless Noted					
<table><tr><td>Decimal .00 ± .01 0.000 ± .001</td><td>Angular ± 1/2° ± 1/32"</td><td>Fractional ± 1/32"</td></tr></table>		Decimal .00 ± .01 0.000 ± .001	Angular ± 1/2° ± 1/32"	Fractional ± 1/32"	TITLE RT 80 IN ROTARY ARM TOWER WELDMENT		
Decimal .00 ± .01 0.000 ± .001	Angular ± 1/2° ± 1/32"	Fractional ± 1/32"					
REMOVE ALL BURRS AND SHARP EDGES		SCALE 1/8	SURFACE AREA DWG NO	0252019	FINISH PT		



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	0251986	MID MEMBER
2	1	0251987	END PLATE
3	1	0251988	FOOT
4	1	0251989	FOOT
5	2	0251990	FOOT
6	1	0251991	TOP SUPPORT
7	1	0251992	TOP PLATE
8	2	0252029	FORK TRUCK TUBE
9	1	0258834	RT FLAT BAR
10	2	0325546	TOP MEMBER
11	1	0325550	UPRIGHT + 30

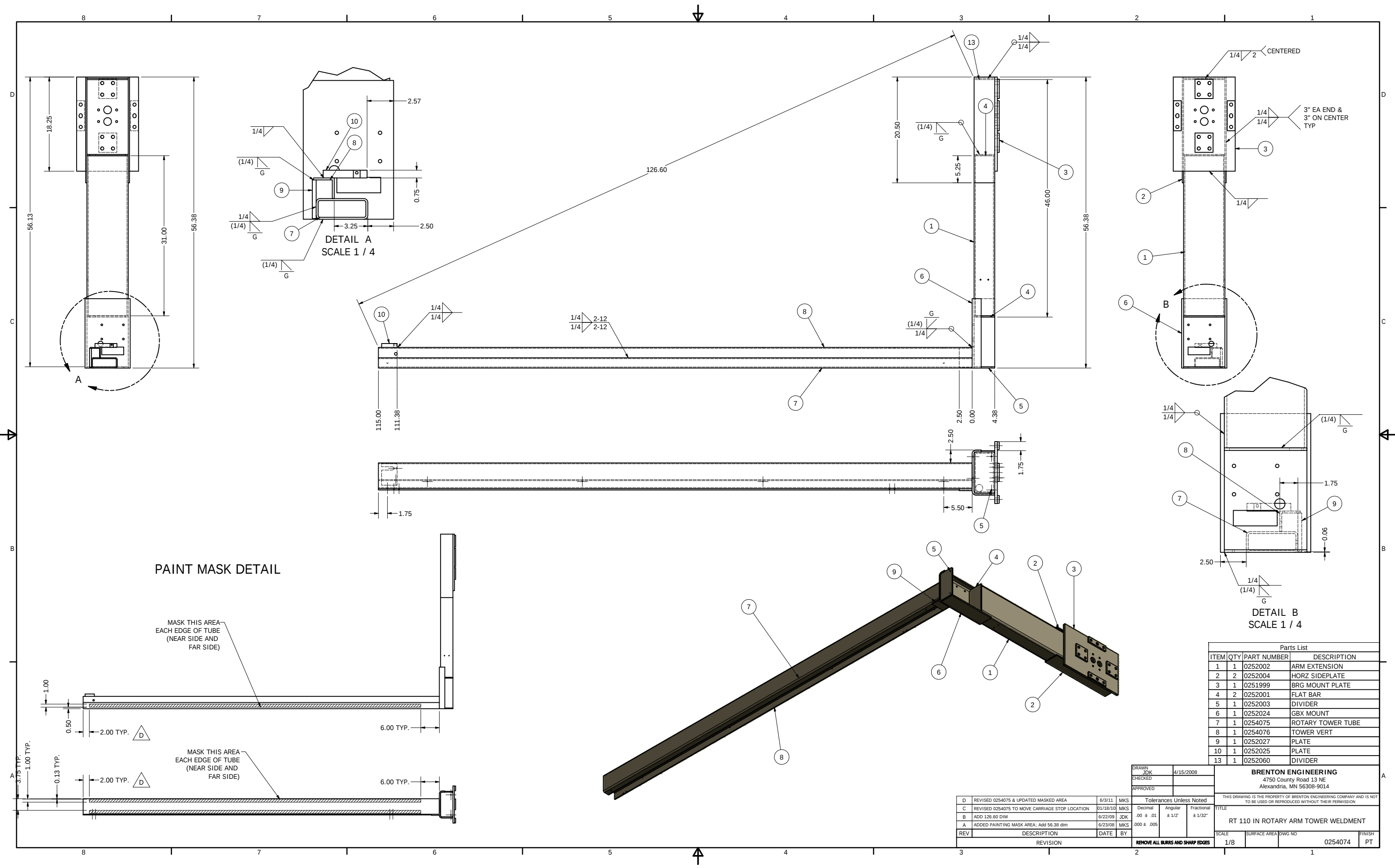
DRAWN JDK	8/29/2012	BRENTON ENGINEERING 4750 County Road 13 NE Alexandria, MN 56308-9014	
CHECKED			
APPROVED			
Tolerances Unless Noted		THIS DRAWING IS THE PROPERTY OF BRENTON ENGINEERING COMPANY AND IS NOT TO BE USED OR REPRODUCED WITHOUT THEIR PERMISSION	
Decimal .00 ± .01 .000 ± .005	Angular ± 1/2°	Fractional ± 1/32"	TITLE RT BASE FRAME WELDMENT +0+30
REV	DESCRIPTION	DATE	BY
REVISION			
REMOVE ALL BURRS AND SHARP EDGES		SCALE 1/8	SURFACE AREA DWG NO 0325549
		FINISH PT	





Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	0251986	MID MEMBER
2	1	0251987	END PLATE
3	1	0251988	FOOT
4	1	0251989	FOOT
5	2	0251990	FOOT
6	1	0251991	TOP SUPPORT
7	1	0251992	TOP PLATE
8	2	0252029	FORK TRUCK TUBE
9	1	0258834	RT FLAT BAR
10	1	0325545	UPRIGHT + 0
11	2	0325546	TOP MEMBER

DRAWN msagedahl	8/29/2012	BRENTON ENGINEERING 4750 County Road 13 NE Alexandria, MN 56308-9014	
CHECKED			
APPROVED			
Tolerances Unless Noted		THIS DRAWING IS THE PROPERTY OF BRENTON ENGINEERING COMPANY AND IS NOT TO BE USED OR REPRODUCED WITHOUT THEIR PERMISSION	
Decimal .00 ± .01 .000 ± .005	Angular ± 1/2° ± 1/32°	TITLE RT BASE FRAME WELDMENT +0+0	
SCALE 1/8	SURFACE AREA	DWG NO 0325544	FINISH PT



PAINT MASK DETAIL

MASK THIS AREA
EACH EDGE OF TUBE
(NEAR SIDE AND
FAR SIDE)

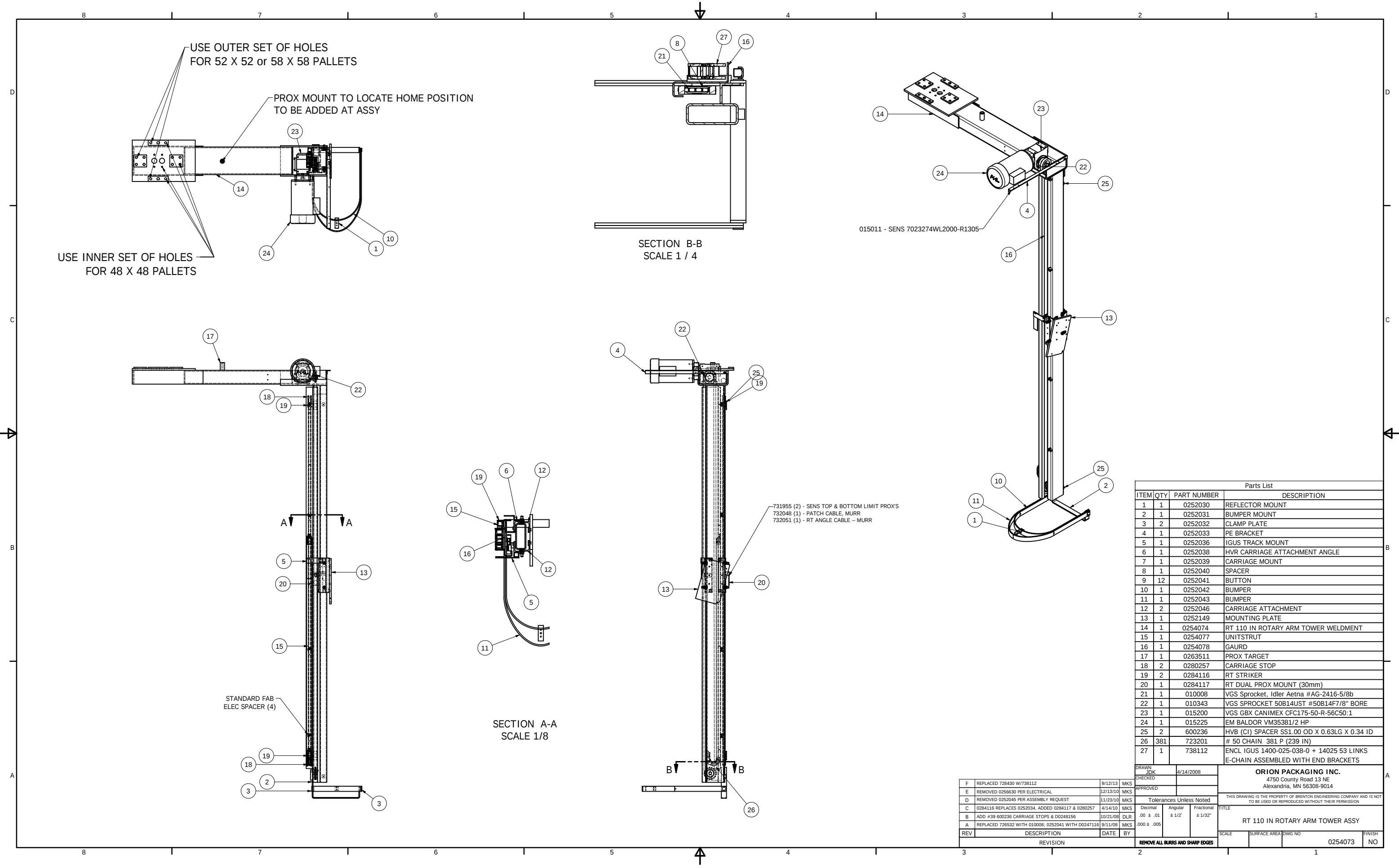
MASK THIS AREA
EACH EDGE OF TUBE
(NEAR SIDE AND
FAR SIDE)

DETAIL B
SCALE 1 / 4

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	0252002	ARM EXTENSION
2	2	0252004	HORZ SIDEPLATE
3	1	0251999	BRG MOUNT PLATE
4	2	0252001	FLAT BAR
5	1	0252003	DIVIDER
6	1	0252024	GBX MOUNT
7	1	0254075	ROTARY TOWER TUBE
8	1	0254076	TOWER VERT
9	1	0252027	PLATE
10	1	0252025	PLATE
13	1	0252060	DIVIDER

DRAWN JDK	4/15/2008	BRENTON ENGINEERING 4750 County Road 13 NE Alexandria, MN 56308-9014	
CHECKED			
APPROVED			
Tolerances Unless Noted		THIS DRAWING IS THE PROPERTY OF BRENTON ENGINEERING COMPANY AND IS NOT TO BE USED OR REPRODUCED WITHOUT THEIR PERMISSION	
Decimal	Angular	Fractional	TITLE
.00 ± .01	± 1/2°	± 1/32"	RT 110 IN ROTARY ARM TOWER WELDMENT
.000 ± .005			SCALE
1/8			SURFACE AREA
			DWG NO
			0254074
			FINISH
			PT

REV	DESCRIPTION	DATE	BY
D	REVISED 0254075 & UPDATED MASKED AREA	6/3/11	MKS
C	REVISED 0254075 TO MOVE CARRIAGE STOP LOCATION	01/18/10	MKS
B	ADD 126.60 DIM	6/22/09	JDK
A	ADDED PAINTING MASK AREA; Add 56.38 dim	6/23/08	MKS

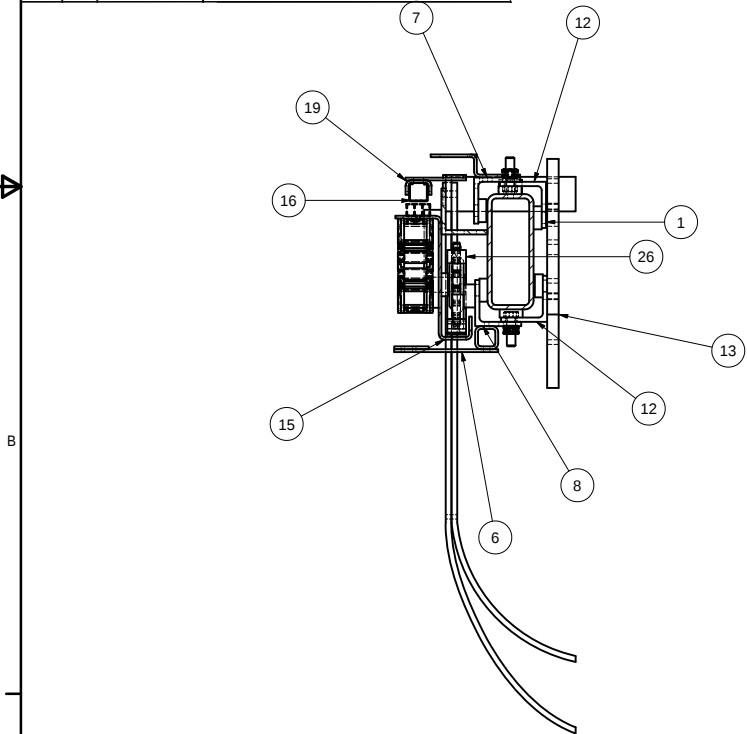


Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	0252030	REFLECTOR MOUNT
2	1	0252031	BUMPER MOUNT
3	2	0252032	CLAMP PLATE
4	1	0252033	PE BRACKET
5	1	0252036	IGUS TRACK MOUNT
6	1	0252038	HVR CARRIAGE ATTACHMENT ANGLE
7	1	0252039	CARRIAGE MOUNT
8	1	0252040	SPACER
9	12	0252041	BUTTON
10	1	0252042	BUMPER
11	1	0252043	BUMPER
12	2	0252046	CARRIAGE ATTACHMENT
13	1	0252149	MOUNTING PLATE
14	1	0254074	RT 110 IN ROTARY ARM TOWER WELDMENT
15	1	0254077	UNITSTRUT
16	1	0254078	GAURD
17	1	0263511	PROX TARGET
18	2	0280257	CARRIAGE STOP
19	2	0284116	RT STRIKER
20	1	0284117	RT DUAL PROX MOUNT (30mm)
21	1	010008	VGS Sprocket, Idler Aetna #AG-2416-5/8b
22	1	010343	VGS SPROCKET 50B14UST #50B14F7/8" BORE
23	1	015200	VGS GBX CANIMEX CFC175-50-R-56C50:1
24	1	015225	EM BALDOR VM35381/2 HP
25	2	600236	HVB (CI) SPACER SS1.00 OD X 0.63LG X 0.34 ID
26	381	723201	# 50 CHAIN 381 P (239 IN)
27	1	738112	ENCL IGUS 1400-025-038-0 + 14025 53 LINKS E-CHAIN ASSEMBLED WITH END BRACKETS

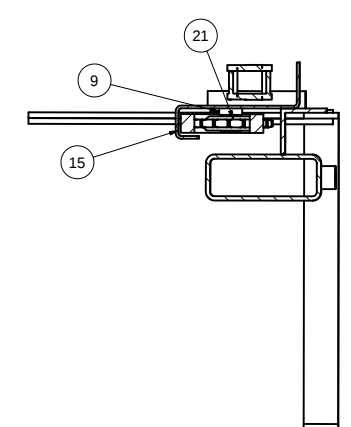
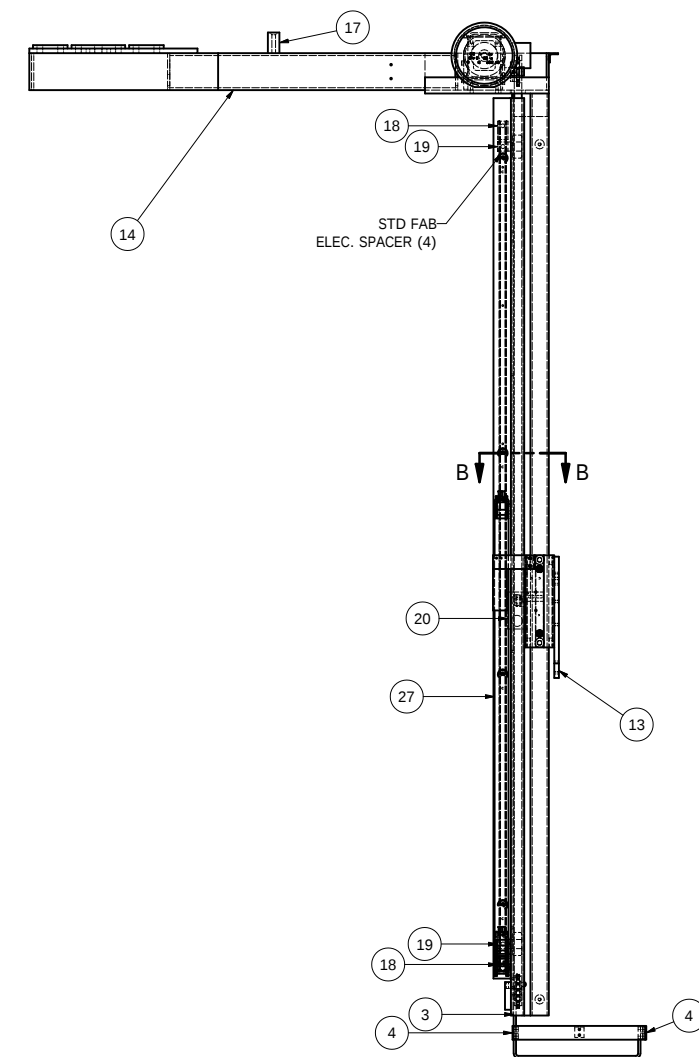
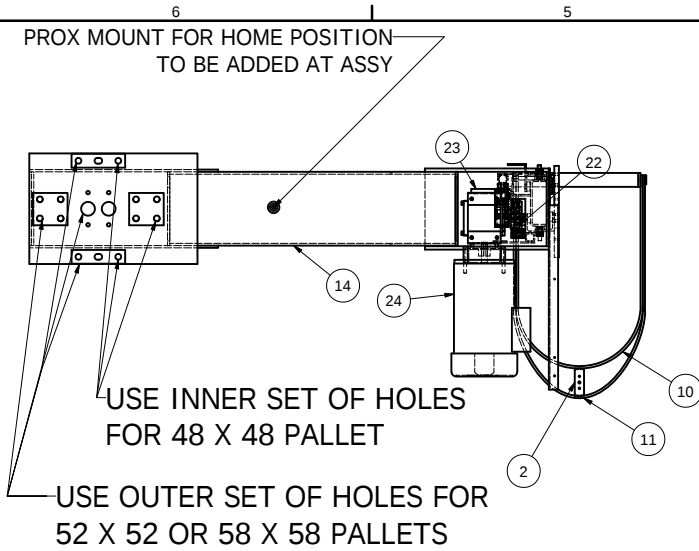
F		REPLACED 728430 W/738112		9/12/13		MKS		DRAWN JDK		4/14/2008		ORION PACKAGING INC. 4750 County Road 13 NE Alexandria, MN 56308-9014	
D		REMOVED 0256630 PER ELECTRICAL		12/13/10		MKS		CHECKED					
E		REMOVED 0252045 PER ASSEMBLY REQUEST		11/23/10		MKS		APPROVED				THIS DRAWING IS THE PROPERTY OF BRENTON ENGINEERING COMPANY AND IS NOT TO BE USED OR REPRODUCED WITHOUT THEIR PERMISSION	
C		0284116 REPLACES 0252034, ADDED 0284117 & 0280257		4/14/10		MKS		Tolerances Unless Noted					
B		ADD #39 600238 CARRIAGE STOPS & 02048156		10/21/08		DLR		Decimal .00 ± .01 Angular ± 1/2° Fractional ± 1/32"		TITLE		RT 110 IN ROTARY ARM TOWER ASSY	
A		REPLACED 726532 WITH 010008; 0252041 WITH 02047116		9/11/08		MKS		0.00 ± .005					
REV		DESCRIPTION		DATE		BY		SCALE		SURFACE AREA		DWG NO 0254073	
		REVISION						REMOVE ALL BURRS AND SHARP EDGES				FINISH NO	
2												1	

TITLE		RT 110 IN ROTARY ARM TOWER ASSY	
SCALE		SURFACE AREA DWG NO	
		0254073	
FINISH		NO	

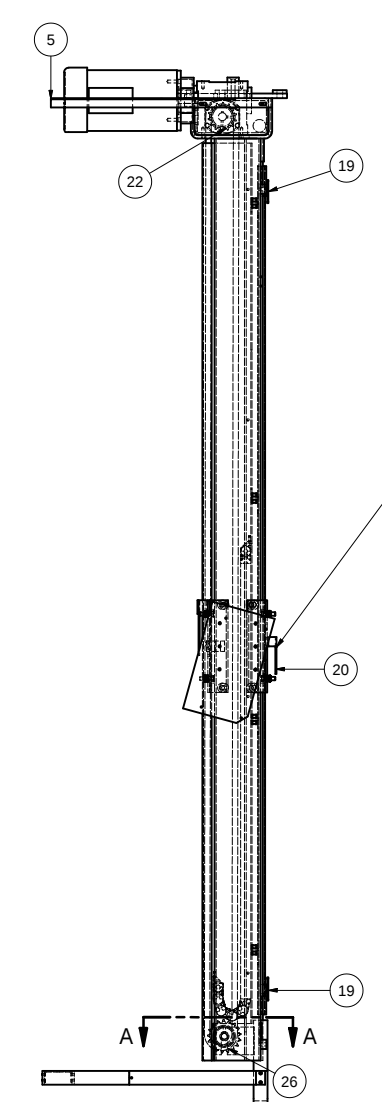
Parts List			
ITEM	QTY	PART NUMBE	DESCRIPTION
1	12	D0247116	HVR SLIDE BUTTON - CARRIAGE
2	1	0252030	REFLECTOR MOUNT
3	1	0252031	BUMPER MOUNT
4	2	0252032	CLAMP PLATE
5	1	0252033	PE BRACKET
6	1	0252036	IGUS TRACK MOUNT
7	1	0252038	HVR CARRIAGE ATTACHMENT ANGLE
8	1	0252039	CARRIAGE MOUNT
9	1	0252040	SPACER
10	1	0252042	BUMPER
11	1	0252043	BUMPER
12	2	0252046	CARRIAGE ATTACHMENT
13	1	0252149	MOUNTING PLATE
14	1	0254048	RT 95 IN ROTARY ARM TOWER WELDMENT
15	1	0254051	GAURD
16	1	0254052	UNITSTRUT
17	1	0263511	PROX TARGET
18	2	0280257	CARRIAGE STOP
19	2	0284116	RT STRIKER
20	1	0284117	RT DUAL PROX MOUNT (30mm)
21	1	010008	VGS Sprocket, Idler Aetna #AG-2416-5/8b
22	1	010343	VGS SPROCKET 50B14UST #50B14F7/8" BORE
23	1	015200	VGS GBX CANIMEX CFC175-50-R-56C50:1, Right, 56C
24	1	015225	VGS EM BALDOR VM35381/2 HP, 208-230/460 VAC, 3ph, 1725rpm, 56c
25	2	600236	HVB (CART ITEM, DO NOT ORDER)
26	335	723201	SPACER SS1.00 OD X 0.63LG X 0.34 ID
27	1	738111	CAN RENOLD 50HSC - 100FT
28	1		ENCL IGUS 1400-025-038-0 + 14025 42 LINKS E-CHAIN ASSEMBLED WITH END BRACKETS



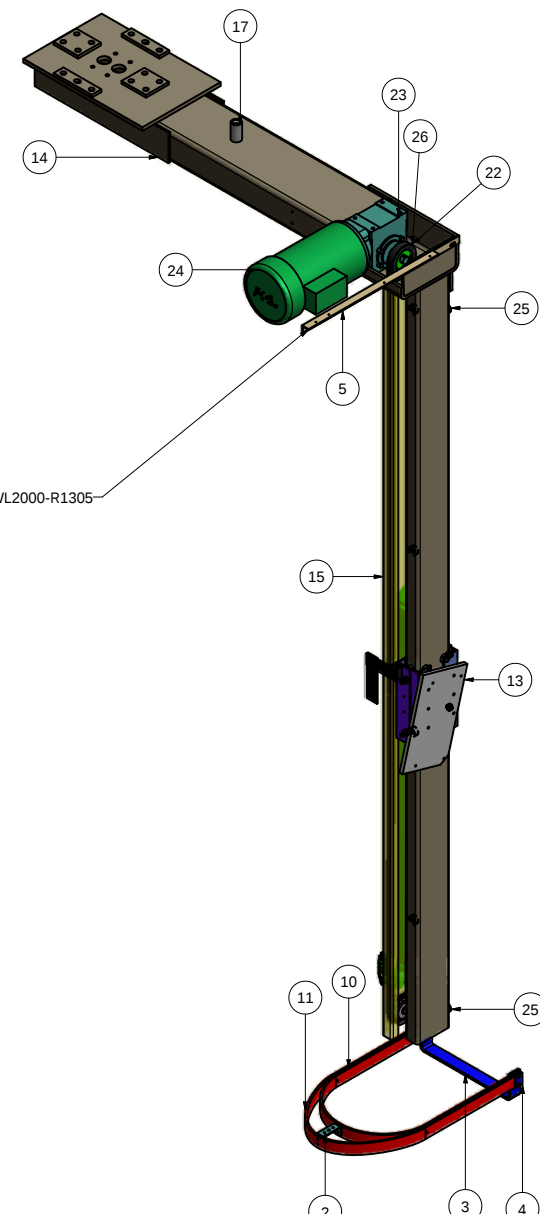
SECTION B-B
SCALE 1 / 4



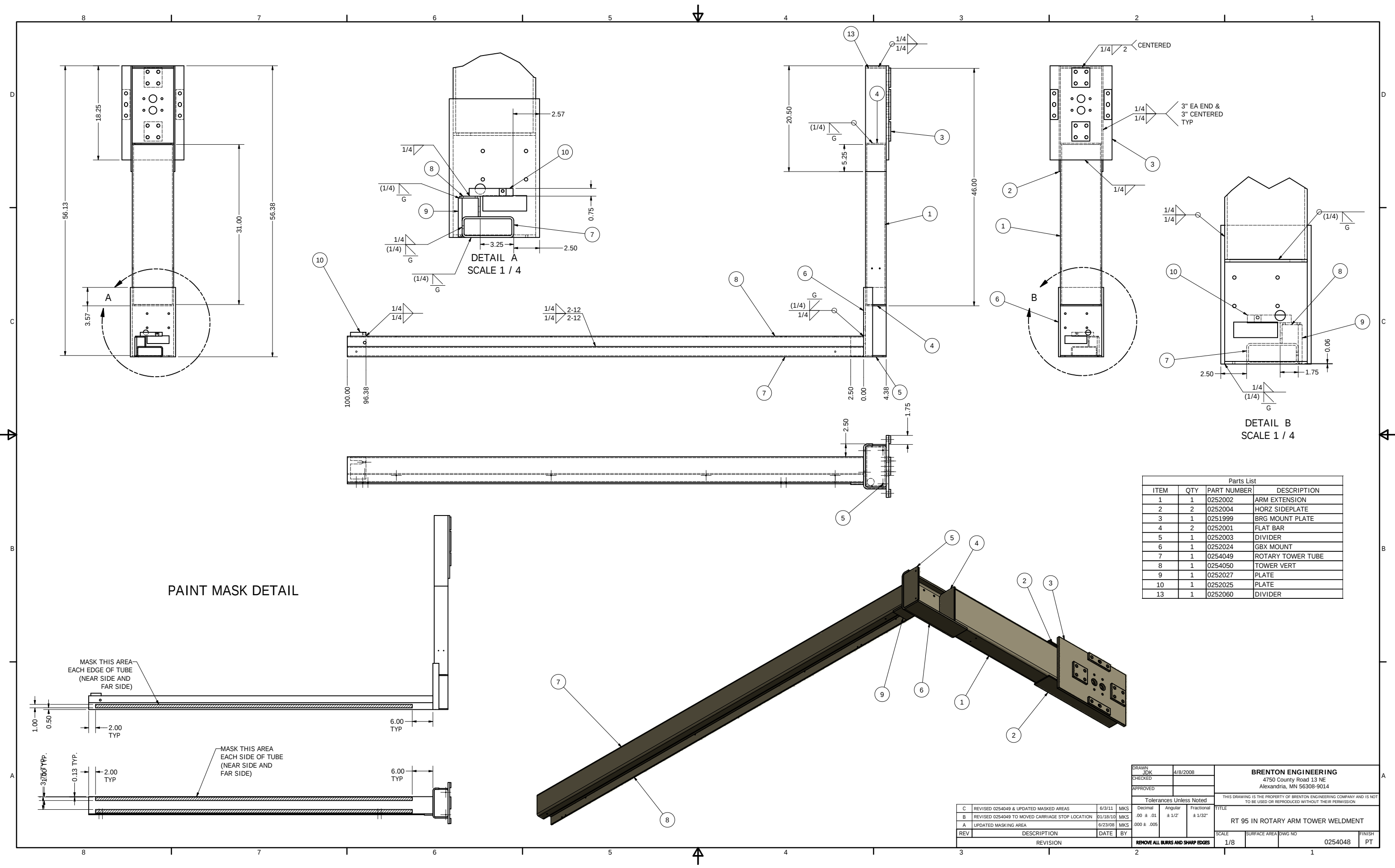
SECTION A-A
SCALE 1 / 4



731955 (2) - SENS TOP & BOTTOM LIMIT PROX'S
732048 (1) - PATCH CABLE, MURR
732051 (1) - RT ANGLE CABLE - MURR



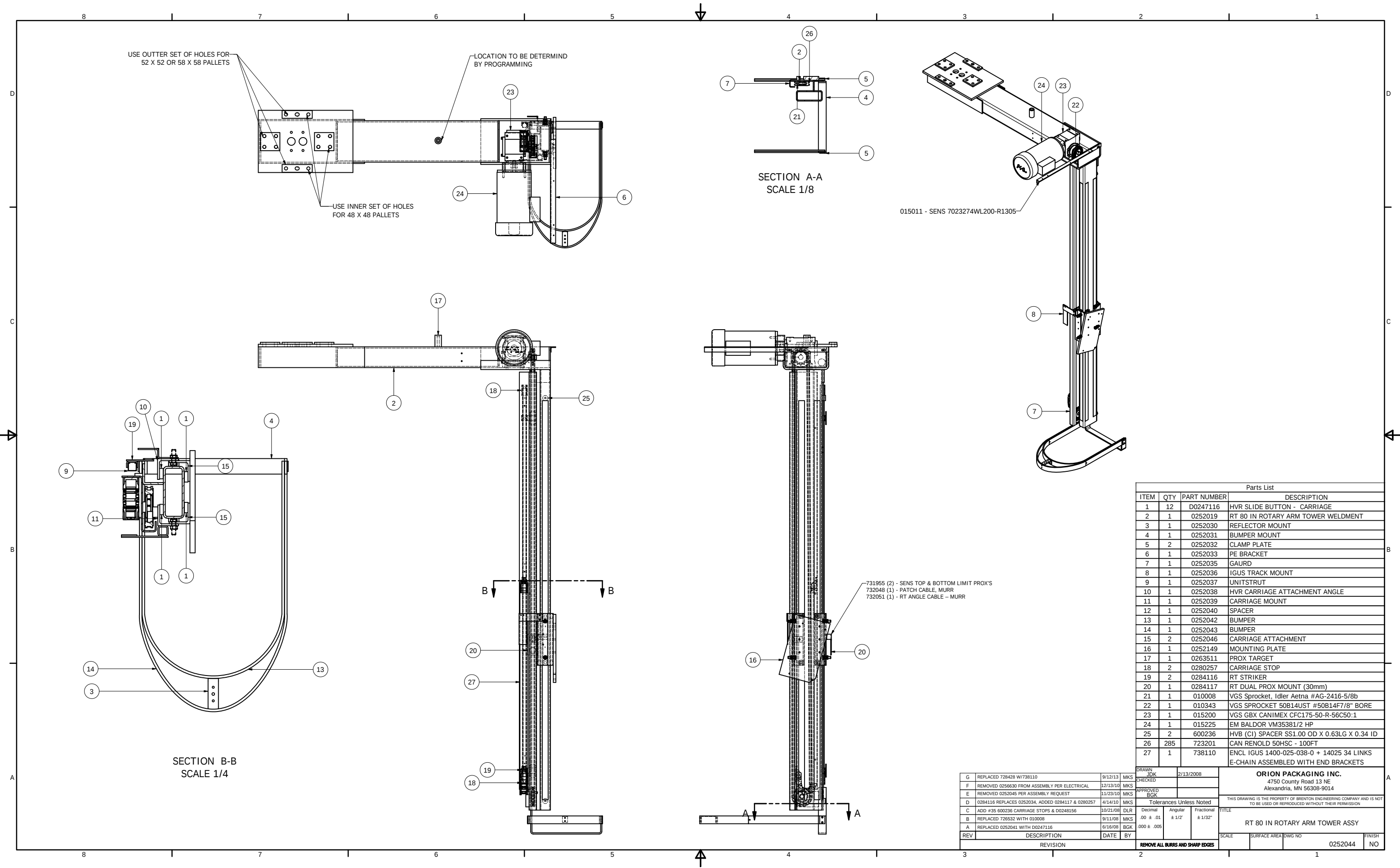
DRAWN JDK CHECKED 4/8/2008				ORION PACKAGING INC. 4750 County Road 13 NE Alexandria, MN 56308-9014			
APPROVED				THIS DRAWING IS THE PROPERTY OF BRENTON ENGINEERING COMPANY AND IS NOT TO BE USED OR REPRODUCED WITHOUT THEIR PERMISSION			
Tolerances Unless Noted				TITLE			
Decimal .00 ± .01				Angular ± 1/2°			
Fractional 0.000 ± .005				Fractional ± 1/32"			
REV				SCALE			
DESCRIPTION				SURFACE AREA			
REVISION				DWG NO			
REMOVE ALL BURRS AND SHARP EDGES				0254053			
				FINISH			
				NO			



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	0252002	ARM EXTENSION
2	2	0252004	HORZ SIDEPLATE
3	1	0251999	BRG MOUNT PLATE
4	2	0252001	FLAT BAR
5	1	0252003	DIVIDER
6	1	0252024	GBX MOUNT
7	1	0254049	ROTARY TOWER TUBE
8	1	0254050	TOWER VERT
9	1	0252027	PLATE
10	1	0252025	PLATE
13	1	0252060	DIVIDER

REV	DESCRIPTION	DATE	BY
C	REVISED 0254049 & UPDATED MASKED AREAS	6/3/11	MKS
B	REVISED 0254049 TO MOVED CARRIAGE STOP LOCATION	01/18/10	MKS
A	UPDATED MASKING AREA	6/23/08	MKS

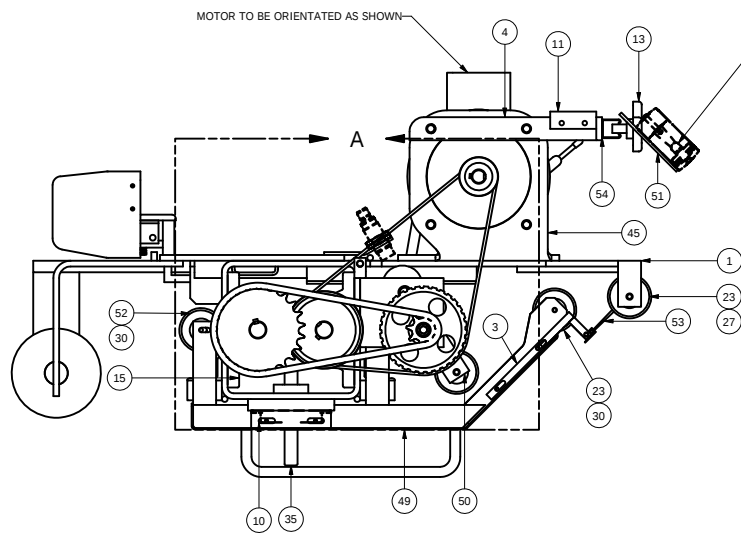
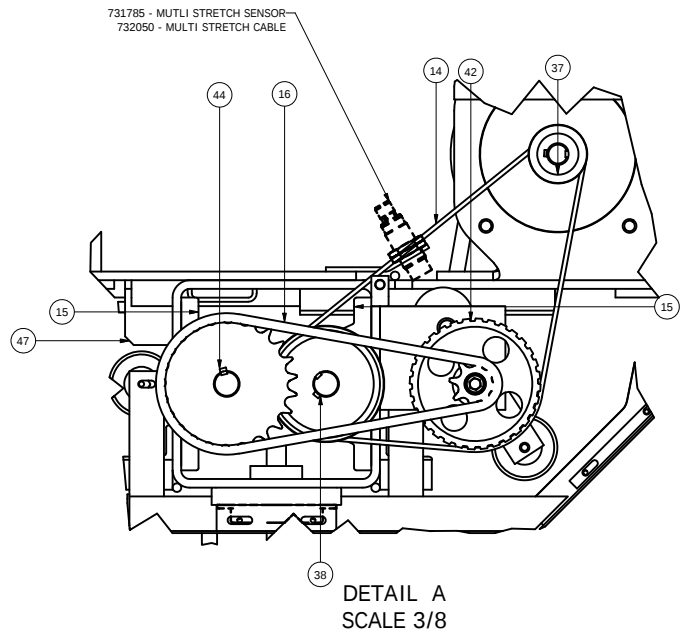
DRAWN JDK	4/8/2008	BRENTON ENGINEERING 4750 County Road 13 NE Alexandria, MN 56308-9014
CHECKED		
APPROVED		
Tolerances Unless Noted		TITLE
Decimal .00 ± .01	Angular ± 1/2°	Fractional ± 1/32"
0.000 ± .005		SCALE
REMOVE ALL BURRS AND SHARP EDGES		1/8
		SURFACE AREA
		DWG NO
		0254048
		FINISH
		PT



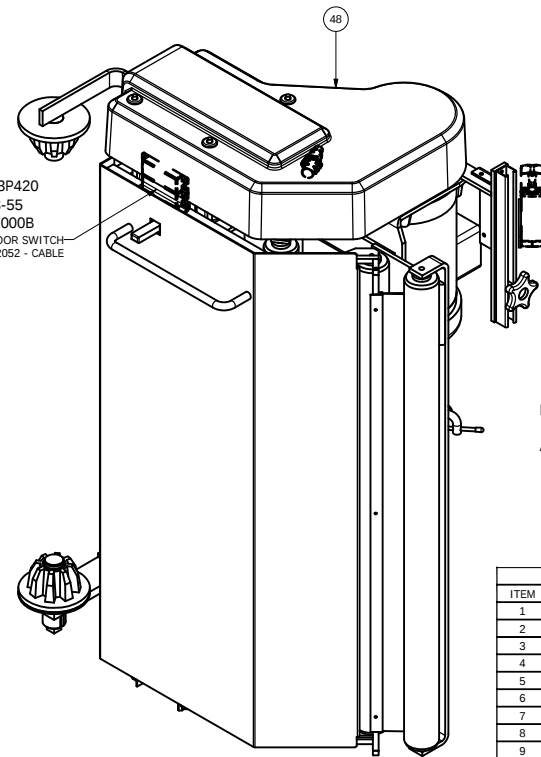
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	12	D0247116	HVR SLIDE BUTTON - CARRIAGE
2	1	0252019	RT 80 IN ROTARY ARM TOWER WELDMENT
3	1	0252030	REFLECTOR MOUNT
4	1	0252031	BUMPER MOUNT
5	2	0252032	CLAMP PLATE
6	1	0252033	PE BRACKET
7	1	0252035	GAURD
8	1	0252036	IGUS TRACK MOUNT
9	1	0252037	UNITSTRUT
10	1	0252038	HVR CARRIAGE ATTACHMENT ANGLE
11	1	0252039	CARRIAGE MOUNT
12	1	0252040	SPACER
13	1	0252042	BUMPER
14	1	0252043	BUMPER
15	2	0252046	CARRIAGE ATTACHMENT
16	1	0252149	MOUNTING PLATE
17	1	0263511	PROX TARGET
18	2	0280257	CARRIAGE STOP
19	2	0284116	RT STRIKER
20	1	0284117	RT DUAL PROX MOUNT (30mm)
21	1	010008	VGS Sprocket, Idler Aetna #AG-2416-5/8b
22	1	010343	VGS SPROCKET 50B14UST #50B14F7/8" BORE
23	1	015200	VGS GBX CANIMEX CFC175-50-R-56C50:1
24	1	015225	EM BALDOR VM35381/2 HP
25	2	600236	HVB (CI) SPACER SS1.00 OD X 0.63LG X 0.34 ID
26	285	723201	CAN RENOLD 50HSC - 100FT
27	1	738110	ENCL IGUS 1400-025-038-0 + 14025 34 LINKS E-CHAIN ASSEMBLED WITH END BRACKETS

DRAWN		JDK	2/13/2008
CHECKED			
APPROVED		BGK	
Tolerances Unless Noted			
Decimal		Angular	Fractional
.00 ± .01		± 1/2°	± 1/32"
.000 ± .005			
REV	DESCRIPTION	DATE	BY
REVISION			
REMOVE ALL BURRS AND SHARP EDGES			

ORION PACKAGING INC.			
4750 County Road 13 NE			
Alexandria, MN 56308-9014			
THIS DRAWING IS THE PROPERTY OF BRENTON ENGINEERING COMPANY AND IS NOT TO BE USED OR REPRODUCED WITHOUT THEIR PERMISSION			
TITLE			
RT 80 IN ROTARY ARM TOWER ASSY			
SCALE	SURFACE AREA	DWG NO	FINISH
		0252044	NO



729603 - SENS 1025905WT18-3P420
729580 - SENS TURCK RKL4.43-55
716301 - SENS 702297MB-W2000B
732054 - DOOR SWITCH
732052 - CABLE

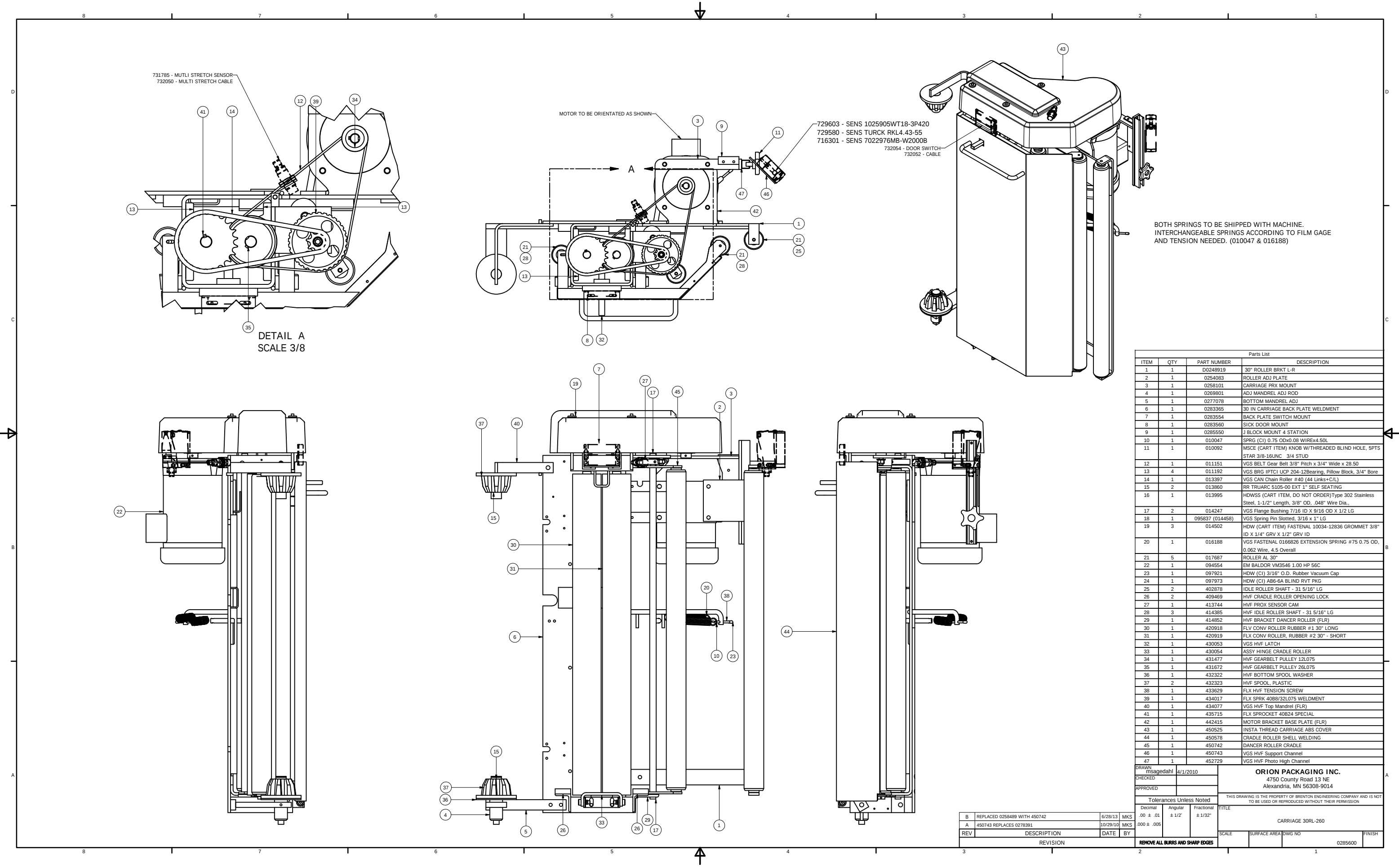


BOTH SPRINGS TO BE SHIPPED WITH MACHINE.
INTERCHANGEABLE SPRINGS ACCORDING TO FILM GAGE
AND TENSION NEEDED. (010047 & 016188)

Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	D0248919	30" ROLLER BRKT L-R	
2	1	0254083	ROLLER ADJ PLATE	
3	2	0255746	film brush HOLDER END	
4	1	0258101	CARRIAGE PRX MOUNT	
5	1	0261641-1	FILM BRUSH HOLDER	
6	1	0269801	ADJ MANDREL ADJ ROD	
7	1	0277078	BOTTOM MANDREL ADJ	
8	1	0283365	30 IN CARRIAGE BACK PLATE WELDMENT	
9	1	0283554	BACK PLATE SWITCH MOUNT	
10	1	0283560	SICK DOOR MOUNT	
11	1	0285550	J BLOCK MOUNT 4 STATION	
12	1	010047	SPRG (CI) 0.75 ODx0.08 WIREx4.50L	
13	1	010092	MSCE (CART ITEM) KNOB W/THREADED BLIND HOLE, 5PTS STAR 3/8-16UNC 3/4 STUD	
14	1	011151	VGS BELT Gear Belt 3/8" Pitch x 3/4" Wide x 28.50	
15	4	011192	VGS BRG IPTCI UCP 204-12Bearing, Pillow Block, 3/4" Bore	
16	1	013397	VGS CAN Chain Roller #40 (44 Links+C/L)	
17	2	013860	RR TRIARC 5105-00 EXT 1" SELF SEATING	
18	1	013995	HDWSS (CART ITEM, DO NOT ORDER)Type 302 Stainless Steel, 1-1/2" Length, 3/8" OD, .048" Wire Dia.,	
19	2	014247	VGS Flange Bushing 7/16 ID X 9/16 OD X 1/2 LG	
20	1	095837 (014458)	VGS Spring Pin Slotted, 3/16 x 1" LG	
21	3	014502	HDW (CART ITEM) FASTENAL 10034-12836 GROMMET 3/8" ID X 1/4" GRV X 1/2" GRV ID	
22	1	016188	VGS FASTENAL 0166826 EXTENSION SPRING #75 0.75 OD, 0.062 Wire, 4.5 Overall	
23	4	017687	ROLLER AL 30"	
24	1	094554	EM BALDOR VM3546 1.00 HP 56C	
25	1	097921	HDW (CI) 3/16" O.D. Rubber Vacuum Cap	
26	1	097973	HDW (CI) AB6-6A BLIND RVT PKG	
27	2	402878	IDLE ROLLER SHAFT - 31 5/16" LG	
28	2	409469	HVF CRADLE ROLLER OPENING LOCK	
29	1	413744	HVF PROX SENSOR CAM	
30	3	414385	HVF IDLE ROLLER SHAFT - 31 5/16" LG	
31	1	414852	HVF BRACKET DANCER ROLLER (FLR)	
32	1	420918	FLV CONV ROLLER RUBBER #1 30" LONG	
33	1	420919	FLX CONV ROLLER, RUBBER #2 30" - SHORT	
34	1	421884	IDLE ROLLER - 1.9 DIA X 4 5/8	
35	1	430053	VGS HVF LATCH	
36	1	430054	ASSY HINGE CRADLE ROLLER	
37	1	431477	HVF GEARBELT PULLEY 12L075	
38	1	431672	HVF GEARBELT PULLEY 26L075	
39	1	432322	HVF BOTTOM SPOOL WASHER	
40	2	432323	HVF SPOOL, PLASTIC	
41	1	433629	FLX HVF TENSION SCREW	
42	1	434017	FLX SPRK 4088/32L075 WELDMENT	
43	1	434077	VGS HVF Top Mandrel (FLR)	
44	1	435715	FLX SPROCKET 40824 SPECIAL	
45	1	442415	MOTOR BRACKET BASE PLATE (FLR)	
46	1	443421	FLX P-ASSY FILM PUNCH DEVICE -INSTA THRD	
47	1	443422	INSTA CUT PIN PROTECTOR	
48	1	450525	INSTA THREAD CARRIAGE ABS COVER	
49	1	450578	CRADLE ROLLER SHELL WELDING	
50	1	450742	DANCER ROLLER CRADLE	
51	1	450743	VGS HVF Support Channel	
52	1	452084	IDLE ROLLER - 1.9 DIA X 26 5/8	
53	1	452087	BRUSH ASSY - 30" CARRIAGE	
54	1	452729	VGS HVF Photo High Channel	

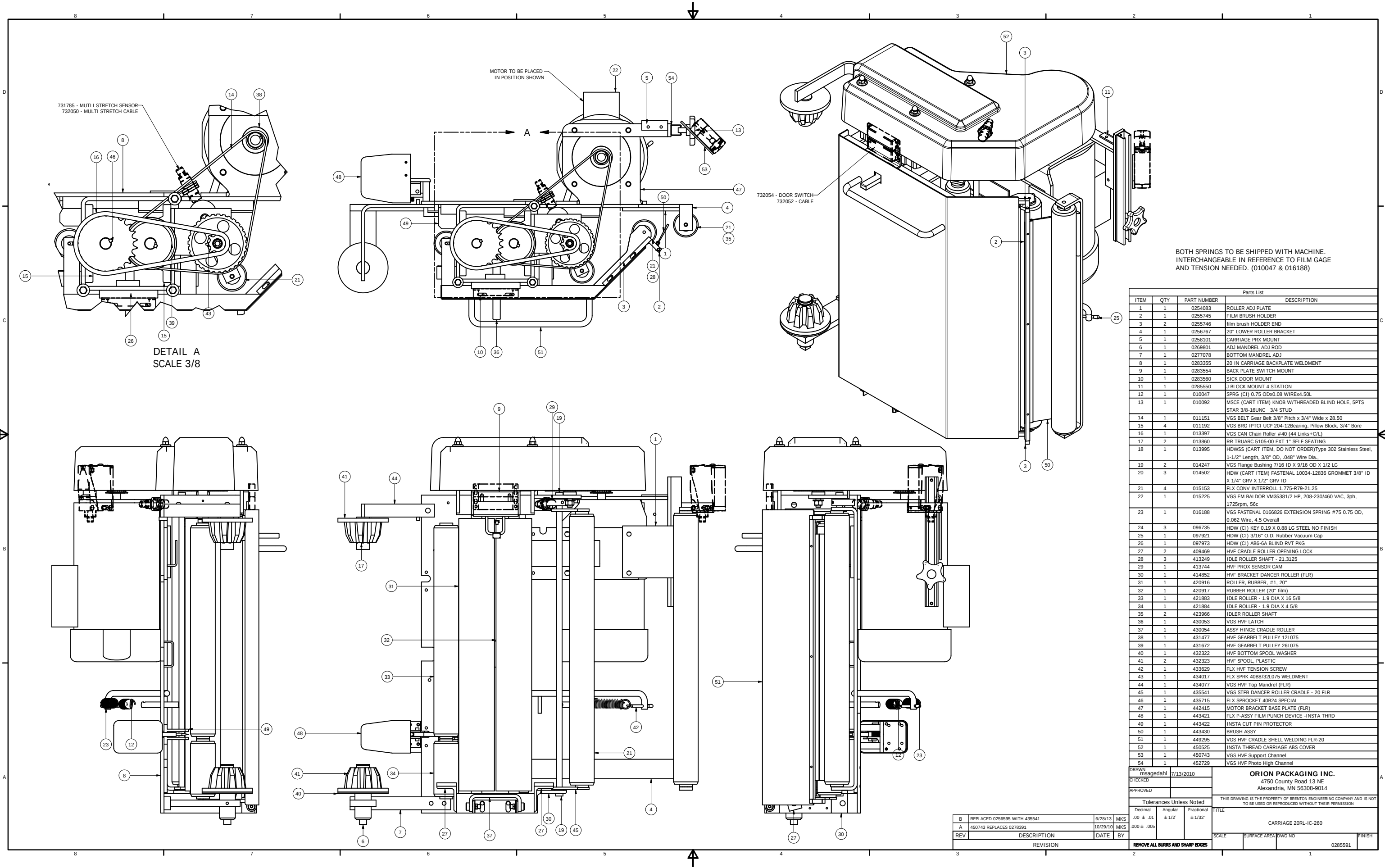
DRAWN	msagedahl	8/10/2010	ORION PACKAGING INC. 4750 County Road 13 NE Alexandria, MN 56308-9014	
CHECKED				
APPROVED				
Tolerances Unless Noted			THIS DRAWING IS THE PROPERTY OF BRENTON ENGINEERING COMPANY AND IS NOT TO BE USED OR REPRODUCED WITHOUT THEIR PERMISSION	
Decimal	Angular	Fractional	TITLE	
.00 ± .01	± 1/2°	± 1/32"	CARRIAGE 30RL-1C-260	
.000 ± .005			SCALE	SURFACE AREA DWG NO FINISH
REVISION			0285601	
REMOVE ALL BURRS AND SHARP EDGES				

B	REPLACED 0258489 WITH 450742	6/28/13	MKS
A	450743 REPLACES 0278391	10/29/10	MKS
REV	DESCRIPTION	DATE	BY
	REVISION		



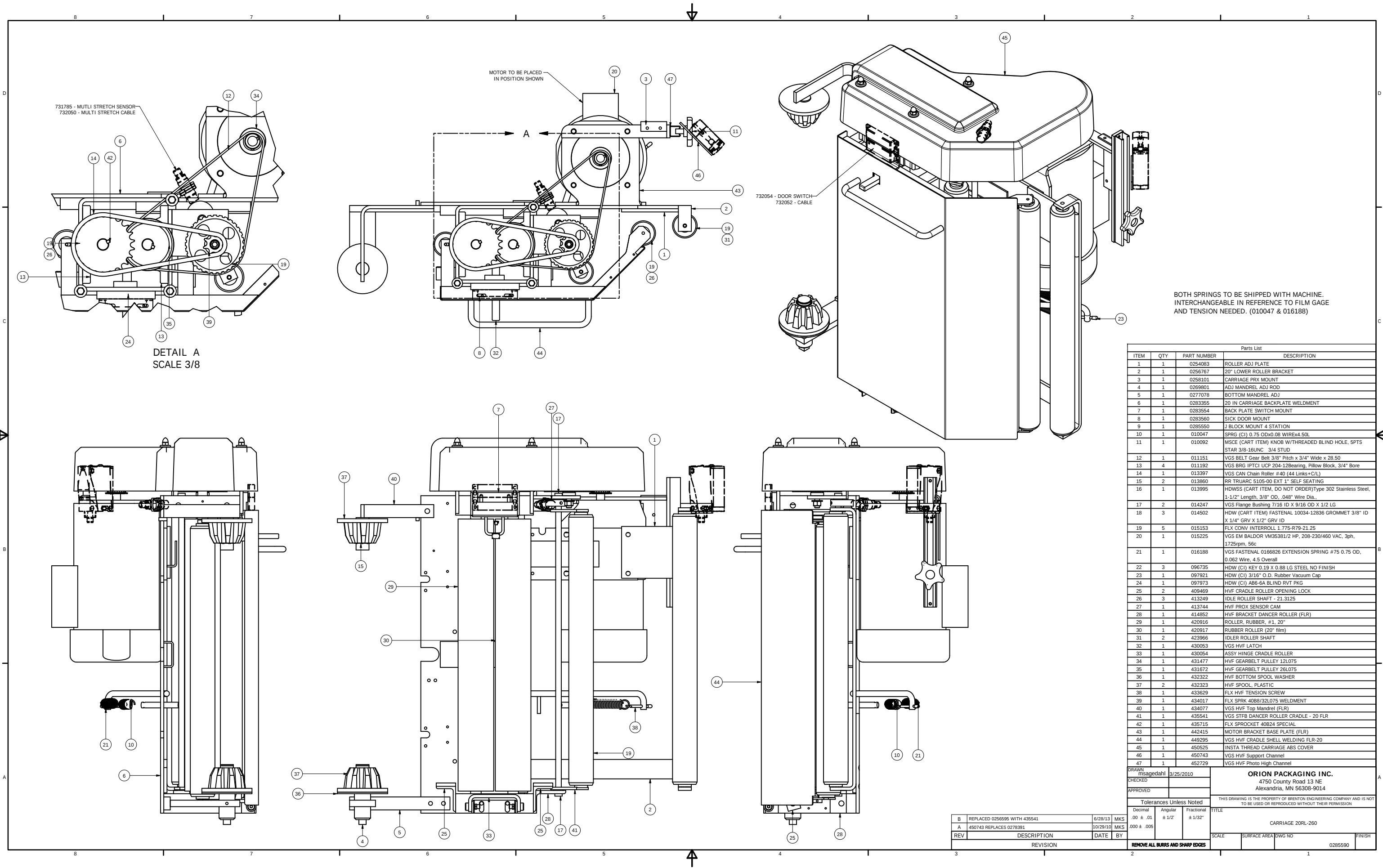
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	D0248919	30" ROLLER BRKT L-R
2	1	0254083	ROLLER ADJ PLATE
3	1	0258101	CARRIAGE PRX MOUNT
4	1	0269801	ADJ MANDREL ADJ ROD
5	1	0277078	BOTTOM MANDREL ADJ
6	1	0283365	30 IN CARRIAGE BACK PLATE WELDMENT
7	1	0283554	BACK PLATE SWITCH MOUNT
8	1	0283560	SICK DOOR MOUNT
9	1	0285550	J BLOCK MOUNT 4 STATION
10	1	010047	SPRG (CI) 0.75 ODx0.08 WIREx4.50L
11	1	010092	MSCE (CART ITEM) KNOB W/THREADED BLIND HOLE, 5PTS STAR 3/8-16UNC 3/4 STUD
12	1	011151	VGS BELT Gear Belt 3/8" Pitch x 3/4" Wide x 28.50
13	4	011192	VGS BRG IPTCI UCP 204-12Bearing, Pillow Block, 3/4" Bore
14	1	013397	VGS CAN Chain Roller #40 (44 Links+C/L)
15	2	013860	RR TRUARC 5105-00 EXT 1" SELF SEATING
16	1	013995	HDWSS (CART ITEM, DO NOT ORDER)Type 302 Stainless Steel, 1-1/2" Length, 3/8" OD, .048" Wire Dia.
17	2	014247	VGS Flange Bushing 7/16 ID X 9/16 OD X 1/2 LG
18	1	095637 (014458)	VGS Spring Pin Slotted, 3/16 x 1" LG
19	3	014502	HDW (CART ITEM) FASTENAL 10034-12836 GROMMET 3/8" ID X 1/4" GRV X 1/2" GRV ID
20	1	016188	VGS FASTENAL 0166626 EXTENSION SPRING #75 0.75 OD, 0.062 Wire, 4.5 Overall
21	5	017687	ROLLER AL 30"
22	1	094554	EM BALDOR VM3546 1.00 HP 56C
23	1	097921	HDW (CI) 3/16" O.D. Rubber Vacuum Cap
24	1	097973	HDW (CI) AB6-6A BLIND RVT PKG
25	2	402878	IDLE ROLLER SHAFT - 31 5/16" LG
26	2	409469	HVF CRADLE ROLLER OPENING LOCK
27	1	413744	HVF PROX SENSOR CAM
28	3	414385	HVF IDLE ROLLER SHAFT - 31 5/16" LG
29	1	414852	HVF BRACKET DANCER ROLLER (FLR)
30	1	420918	FLV CONV ROLLER RUBBER #1 30" LONG
31	1	420919	FLX CONV ROLLER, RUBBER #2 30" - SHORT
32	1	430053	VGS HVF LATCH
33	1	430054	ASSY HINGE CRADLE ROLLER
34	1	431477	HVF GEARBELT PULLEY 12L075
35	1	431672	HVF GEARBELT PULLEY 26L075
36	1	432322	HVF BOTTOM SPOOL WASHER
37	2	432323	HVF SPOOL, PLASTIC
38	1	433629	FLX HVF TENSION SCREW
39	1	434017	FLX SPRK 4088/32L075 WELDMENT
40	1	434077	VGS HVF Top Mandrel (FLR)
41	1	435715	FLX SPROCKET 40B24 SPECIAL
42	1	442415	MOTOR BRACKET BASE PLATE (FLR)
43	1	450525	INSTA THREAD CARRIAGE ABS COVER
44	1	450578	CRADLE ROLLER SHELL WELDING
45	1	450742	DANCER ROLLER CRADLE
46	1	450743	VGS HVF Support Channel
47	1	452729	VGS HVF Photo High Channel

DRAWN msagedahl	4/1/2010	ORION PACKAGING INC. 4750 County Road 13 NE Alexandria, MN 56308-9014	
CHECKED			
APPROVED			
Tolerances Unless Noted		THIS DRAWING IS THE PROPERTY OF BRENTON ENGINEERING COMPANY AND IS NOT TO BE USED OR REPRODUCED WITHOUT THEIR PERMISSION	
Decimal .00 ± .01	Angular ± 1/2°	Fractional ± 1/32"	TITLE CARRIAGE 30RL-260
0.00 ± .005			SCALE SURFACE AREA DWG NO FINISH
REVISION		REMOVE ALL BURRS AND SHARP EDGES	
B	REPLACED 0258489 WITH 450742	6/28/13	MKS
A	450743 REPLACES 0278391	10/29/10	MKS



Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	0254083	ROLLER ADJ PLATE	
2	1	0255745	FILM BRUSH HOLDER	
3	2	0255746	film brush HOLDER END	
4	1	0256767	20" LOWER ROLLER BRACKET	
5	1	0258101	CARRIAGE PRX MOUNT	
6	1	0269801	ADJ MANDREL ADJ ROD	
7	1	0277078	BOTTOM MANDREL ADJ	
8	1	0283355	20 IN CARRIAGE BACKPLATE WELDMENT	
9	1	0283554	BACK PLATE SWITCH MOUNT	
10	1	0283560	SICK DOOR MOUNT	
11	1	0285550	J BLOCK MOUNT 4 STATION	
12	1	010047	SPRG (CI) 0.75 ODx0.08 WIREx4.50L	
13	1	010092	MSCE (CART ITEM) KNOB W/THREADED BLIND HOLE, 5PTS STAR 3/8-16UNC 3/4 STUD	
14	1	011151	VGS BELT Gear Belt 3/8" Pitch x 3/4" Wide x 28.50	
15	4	011192	VGS BRG IPTCI UCP 204-12Bearing, Pillow Block, 3/4" Bore	
16	1	013397	VGS CAN Chain Roller #40 (44 Links+C/L)	
17	2	013860	RR TRUARC 5105-00 EXT 1" SELF SEATING	
18	1	013995	HDWSS (CART ITEM, DO NOT ORDER)Type 302 Stainless Steel, 1-1/2" Length, 3/8" OD, .048" Wire Dia.	
19	2	014247	VGS Flange Bushing 7/16 ID X 9/16 OD X 1/2 LG	
20	3	014502	HDW (CART ITEM) FASTENAL 10034-12836 GROMMET 3/8" ID X 1/4" GRV X 1/2" GRV ID	
21	4	015153	FLX CONV INTERROLL 1.775-R79-21.25	
22	1	015225	VGS EM BALDOR VM35381/2 HP, 208-230/460 VAC, 3ph, 1725rpm, 56c	
23	1	016188	VGS FASTENAL 0166826 EXTENSION SPRING #75 0.75 OD, 0.062 Wire, 4.5 Overall	
24	3	096735	HDW (CI) KEY 0.19 X 0.88 LG STEEL NO FINISH	
25	1	097921	HDW (CI) 3/16" O.D. Rubber Vacuum Cap	
26	1	097973	HDW (CI) A86-6A BLIND RVT PKG	
27	2	409469	HVF CRADLE ROLLER OPENING LOCK	
28	3	413249	IDLE ROLLER SHAFT - 21.3125	
29	1	413744	HVF PROX SENSOR CAM	
30	1	414852	HVF BRACKET DANCER ROLLER (FLR)	
31	1	420916	ROLLER, RUBBER, #1, 20"	
32	1	420917	RUBBER ROLLER (20" film)	
33	1	421883	IDLE ROLLER - 1.9 DIA X 16 5/8	
34	1	421884	IDLE ROLLER - 1.9 DIA X 4 5/8	
35	2	423966	IDLER ROLLER SHAFT	
36	1	430053	VGS HVF LATCH	
37	1	430054	ASSY HINGE CRADLE ROLLER	
38	1	431477	HVF GEARBELT PULLEY 12L075	
39	1	431672	HVF GEARBELT PULLEY 26L075	
40	1	432322	HVF BOTTOM SPOOL WASHER	
41	2	432323	HVF SPOOL, PLASTIC	
42	1	433629	FLX HVF TENSION SCREW	
43	1	434017	FLX SPRK 40B8/32L075 WELDMENT	
44	1	434077	VGS HVF Top Mandrel (FLR)	
45	1	435541	VGS STFB DANCER ROLLER CRADLE - 20 FLR	
46	1	435715	FLX SPROCKET 40B24 SPECIAL	
47	1	442415	MOTOR BRACKET BASE PLATE (FLR)	
48	1	443421	FLX P-ASSY FILM PUNCH DEVICE -INSTA THRD	
49	1	443422	INSTA CUT PIN PROTECTOR	
50	1	443430	BRUSH ASSY	
51	1	449295	VGS HVF CRADLE SHELL WELDING FLR-20	
52	1	450525	INSTA THREAD CARRIAGE ABS COVER	
53	1	450743	VGS HVF Support Channel	
54	1	452729	VGS HVF Photo High Channel	

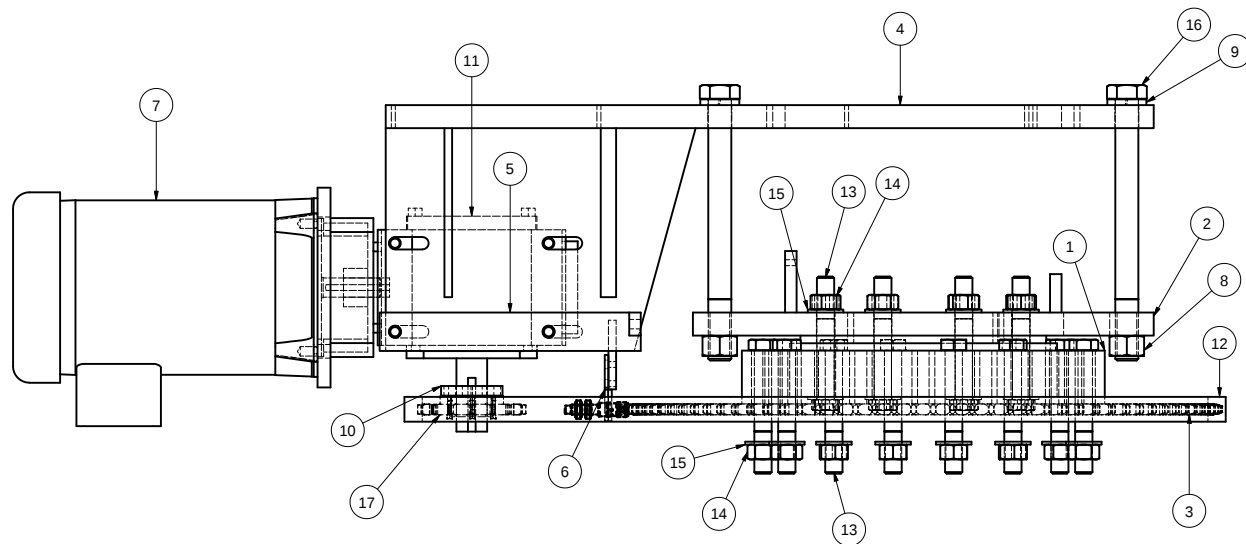
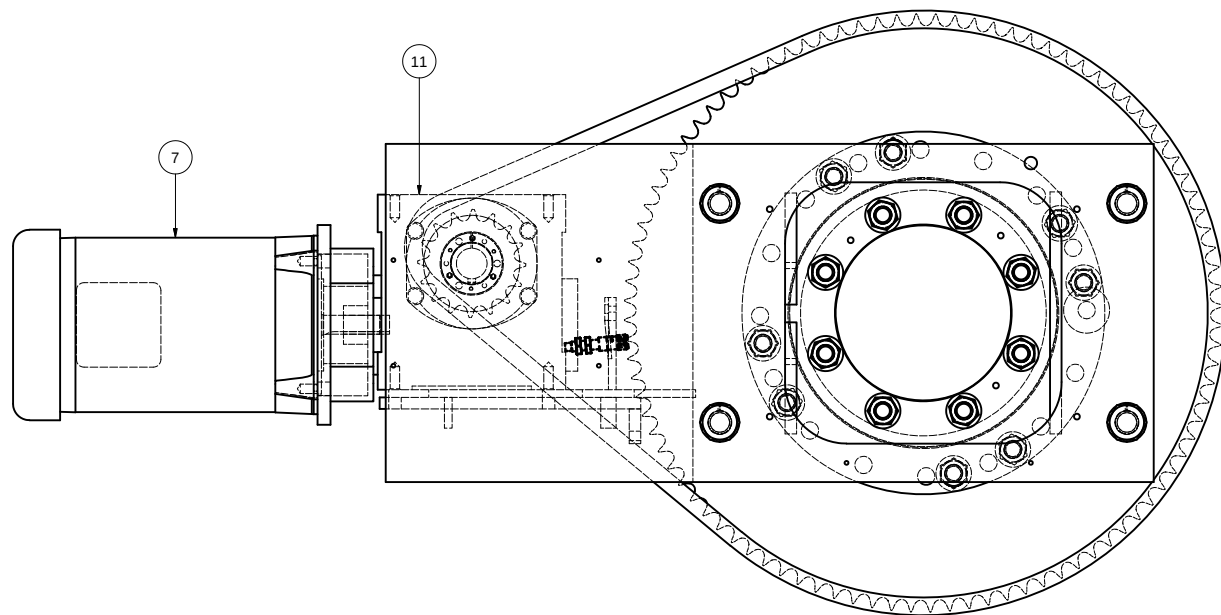
DRAWN	msagedahl	7/13/2010	ORION PACKAGING INC. 4750 County Road 13 NE Alexandria, MN 56308-9014	
CHECKED				
APPROVED				
Tolerances Unless Noted			THIS DRAWING IS THE PROPERTY OF BRENTON ENGINEERING COMPANY AND IS NOT TO BE USED OR REPRODUCED WITHOUT THEIR PERMISSION	
Decimal	Angular	Fractional	TITLE	
.00 ± .01	± 1/2°	± 1/32"	CARRIAGE 20RL-1C-260	
.000 ± .005			SCALE	SURFACE AREA DWG NO FINISH
REVISION			0285591	
REMOVE ALL BURRS AND SHARP EDGES				



Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	0254083	ROLLER ADJ PLATE	
2	1	0256767	20" LOWER ROLLER BRACKET	
3	1	0258101	CARRIAGE PRX MOUNT	
4	1	0269801	ADJ MANDREL ADJ ROD	
5	1	0277078	BOTTOM MANDREL ADJ	
6	1	0283355	20 IN CARRIAGE BACKPLATE WELDMENT	
7	1	0283554	BACK PLATE SWITCH MOUNT	
8	1	0283560	SICK DOOR MOUNT	
9	1	0285550	J BLOCK MOUNT 4 STATION	
10	1	010047	SPRG (CI) 0.75 ODx0.08 WIREx4.50L	
11	1	010092	MSCE (CART ITEM) KNOB W/THREADED BLIND HOLE, 5PTS STAR 3/8-16UNC. 3/4 STUD	
12	1	011151	VGS BELT Gear Belt 3/8" Pitch x 3/4" Wide x 28.50	
13	4	011192	VGS BRG IPTCI UCP 204-12Bearing, Pillow Block, 3/4" Bore	
14	1	013397	VGS CAN Chain Roller #40 (44 Links+C/L)	
15	2	013860	RR TRUARC 5105-00 EXT 1" SELF SEATING	
16	1	013995	HDWSS (CART ITEM, DO NOT ORDER)Type 302 Stainless Steel, 1-1/2" Length, 3/8" OD, .048" Wire Dia.	
17	2	014247	VGS Flange Bushing 7/16 ID X 9/16 OD X 1/2 LG	
18	3	014502	HDW (CART ITEM) FASTENAL 10034-12836 GROMMET 3/8" ID X 1/4" GRV X 1/2" GRV ID	
19	5	015153	FLX CONV INTERROLL 1.775-R79-21.25	
20	1	015225	VGS EM BALDOR VM35381/2 HP, 208-230/460 VAC, 3ph, 1725rpm, 56c	
21	1	016188	VGS FASTENAL 0166826 EXTENSION SPRING #75 0.75 OD, 0.062 Wire, 4.5 Overall	
22	3	096735	HDW (CI) KEY 0.19 X 0.88 LG STEEL NO FINISH	
23	1	097921	HDW (CI) 3/16" O.D. Rubber Vacuum Cap	
24	1	097973	HDW (CI) AB6-6A BLIND RVT PKG	
25	2	409469	HVF CRADLE ROLLER OPENING LOCK	
26	3	413249	IDLE ROLLER SHAFT - 21.3125	
27	1	413744	HVF PROX SENSOR CAM	
28	1	414852	HVF BRACKET DANCER ROLLER (FLR)	
29	1	420916	ROLLER, RUBBER, #1, 20"	
30	1	420917	RUBBER ROLLER (20" film)	
31	2	423966	IDLER ROLLER SHAFT	
32	1	430053	VGS HVF LATCH	
33	1	430054	ASSY HINGE CRADLE ROLLER	
34	1	431477	HVF GEARBELT PULLEY 12L075	
35	1	431672	HVF GEARBELT PULLEY 26L075	
36	1	432322	HVF BOTTOM SPOOL WASHER	
37	2	432323	HVF SPOOL, PLASTIC	
38	1	433629	FLX HVF TENSION SCREW	
39	1	434017	FLX SPRK 40B8/32L075 WELDMENT	
40	1	434077	VGS HVF Top Mandrel (FLR)	
41	1	435541	VGS STFB DANCER ROLLER CRADLE - 20 FLR	
42	1	435715	FLX SPROCKET 40B24 SPECIAL	
43	1	442415	MOTOR BRACKET BASE PLATE (FLR)	
44	1	449295	VGS HVF CRADLE SHELL WELDING FLR-20	
45	1	450525	INSTA THREAD CARRIAGE ABS COVER	
46	1	450743	VGS HVF Support Channel	
47	1	452729	VGS HVF Photo High Channel	

DRAWN msagedahl	3/25/2010	ORION PACKAGING INC. 4750 County Road 13 NE Alexandria, MN 56308-9014	
CHECKED			
APPROVED			
Tolerances Unless Noted		THIS DRAWING IS THE PROPERTY OF BRENTON ENGINEERING COMPANY AND IS NOT TO BE USED OR REPRODUCED WITHOUT THEIR PERMISSION	
Decimal	Angular	Fractional	TITLE
.00 ± .01	± 1/2°	± 1/32"	CARRIAGE 20RL-260
.000 ± .005			SCALE SURFACE AREA DWG NO FINISH
REV	DESCRIPTION	DATE	BY
REVISION			
REMOVE ALL BURRS AND SHARP EDGES			

B	REPLACED 0256695 WITH 435541	6/28/13	MKS
A	450743 REPLACES 0278391	10/29/10	MKS
REV	DESCRIPTION	DATE	BY
REVISION			



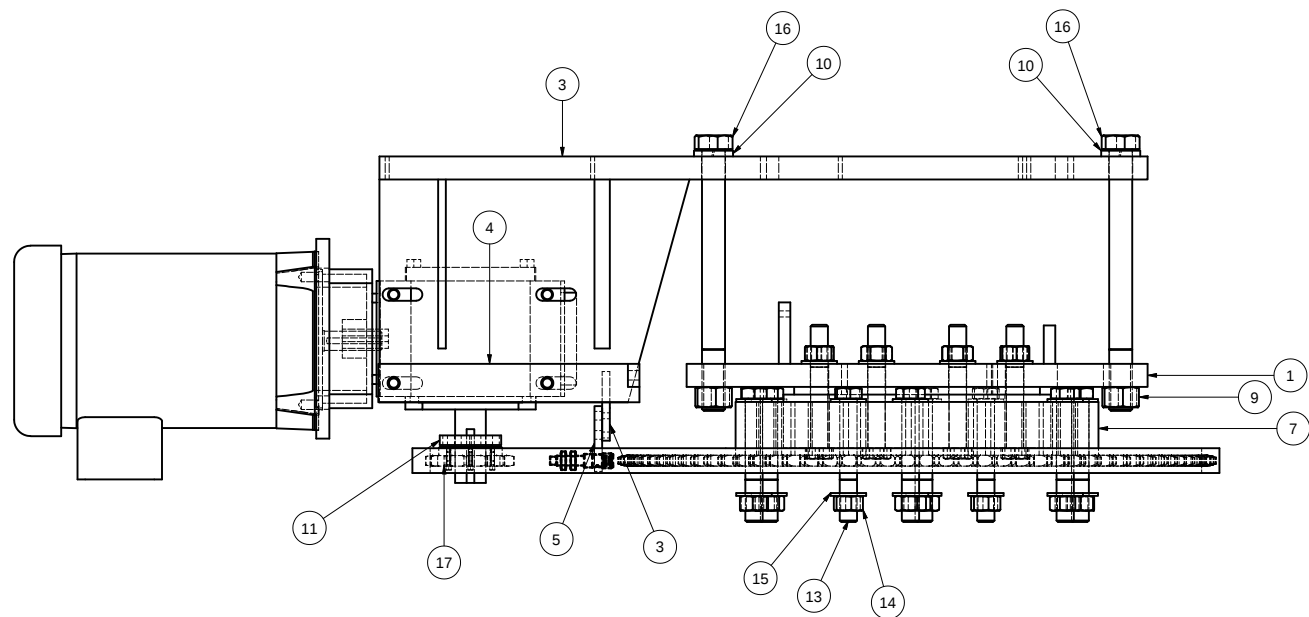
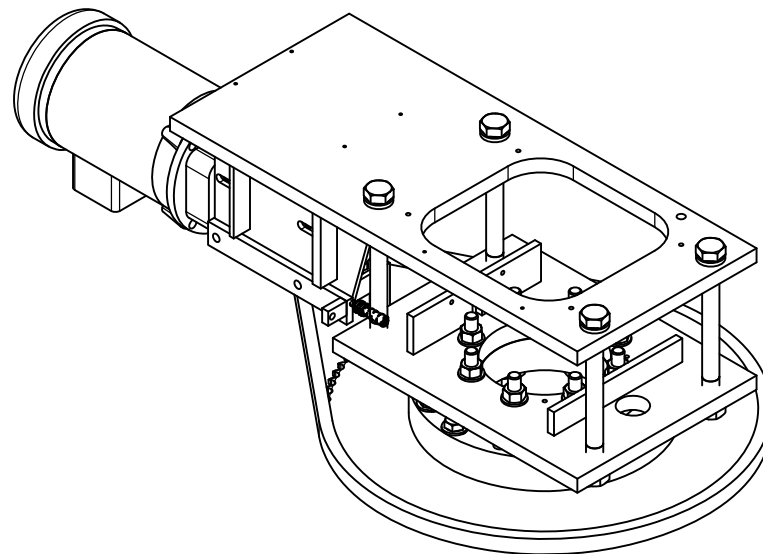
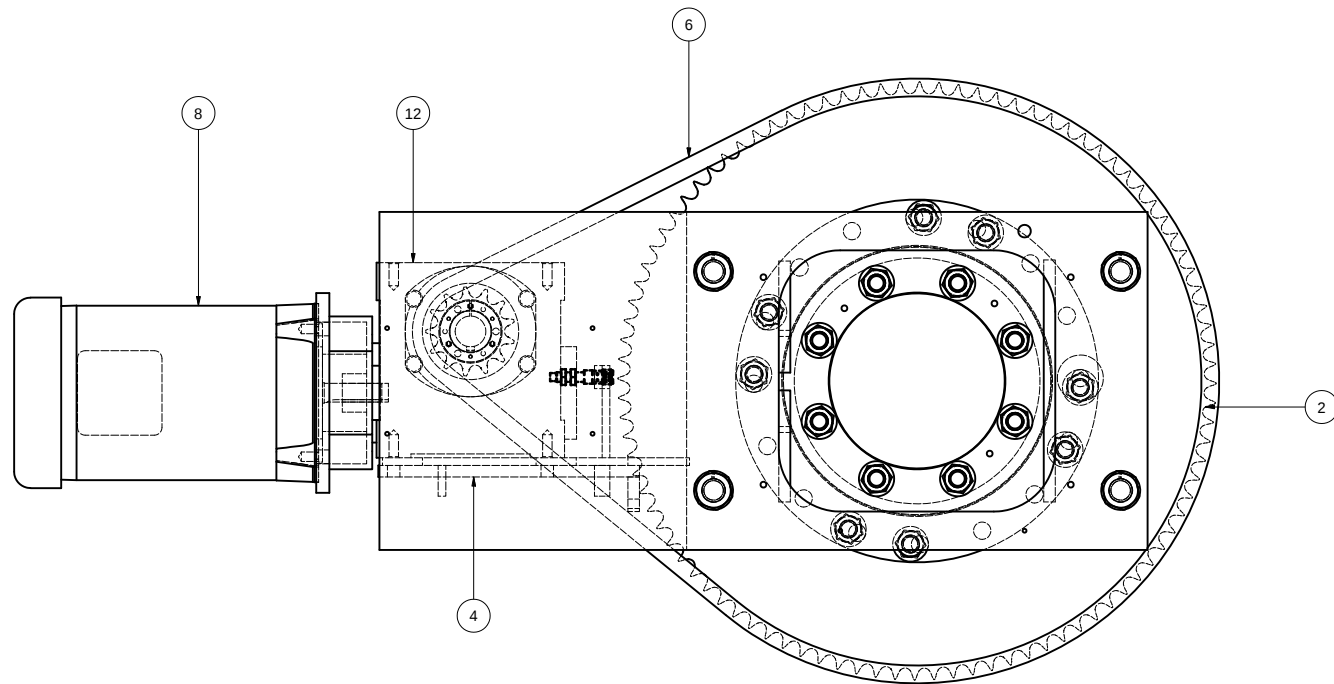
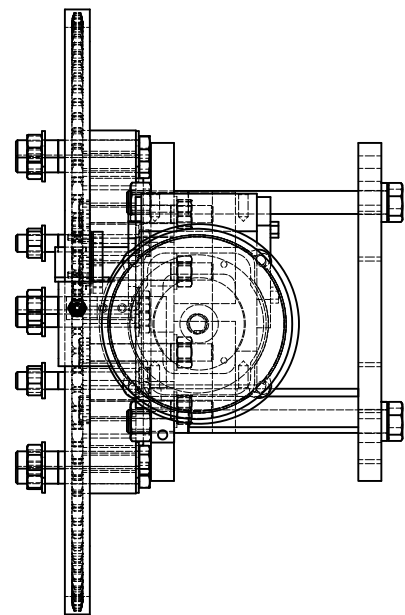
1. USE GRADE 8 BOLTS WITH HARDENED WASHERS TO MOUNT THE RING BEARING TO USE THE MAIN FRAME, AND THE ROTARY ARM TO THE RING BEARING.
2. DO NOT USE LOCK WASHERS WITH THESE BOLTS AND HARD WASHERS.
3. APPLY BLUE LOCTITE #243 GENEROUSLY TO THE BOLT THREADS AND TORQUE BOLTS TO: ***140 FT/LBS FOR 9/16" GRADE 8 BOLTS.*** THE LOCTITE WILL ACT AS A LUBRICANT TO THE FASTENERS SO THAT THEY CAN BE TORQUED MORE EVENLY.
4. BOLTS SHOULD BE TIGHTENED IN A STAR PATTERN.
5. MARK FASTENERS WITH A PAINT MARKER TO INDICATE THAT THEY HAVE BEEN PROPERLY TORQUED.
6. ONCE A BOLT HAS BEEN TORQUED, IT CAN NOT BE REUSED. IF THE RING BEARING ASSEMBLY IS DIS-ASSEMBLED, ALL THE BOLTS MUST BE REPLACED WITH NEW ONES.

REV	DESCRIPTION	DATE	BY	SCALE	SURFACE AREA	DWG NO	FINISH
	REVISION			1/4		0336362	

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	015597	BRG Bearing, Ring, PSL #90-1B20-0223-042712"
2	1	0252013	BEARING PLATE WELDMENT
3	1	0252014	50A96 MOD SPROCKET
4	1	0264660	TOP PLATE
5	1	0264663	Chain Take-up
6	1	0285583	SENSOR MOUNT
7	1	094554	EM BALDOR VM3546 1.00 HP 56C
8	4	095027	HDW (C1) HXNT 0.75-10 RH STEEL ZP
9	4	095051	HDW (C1) LKWSHR 0.75STEEL ZINC PLATED
10	1	703155	ADP DODGE 120340 (JA X 1.00) ADAPTER (M035-38
11	1	722749	GBX DODGE 20Q15R56 TIGEAR 2 SIZE 20 15:1 56C
12	1	723201	#50 chain 107 P
13	16	731255	HDW HHCS 0.56-12 X 4.00 LG GRADE 8 STEEL
14	16	731256	HDW NUT HEX 0.56-12 GRADE 8 STEEL
15	24	731287	HDW WASHER 0.56 HARDENED STEEL ZINC PLATED
16	4	737535	HDW (C1) HHCS .75-10 X 8.5 Z 5
17	1	794285	SPRK 50JA16H JA HARDENED TEETH

DRAWN msagedahl	4/22/2013	BRENTON ENGINEERING 4750 County Road 13 NE Alexandria, MN 56308-9014
CHECKED		
APPROVED		

Tolerances Unless Noted			THIS DRAWING IS THE PROPERTY OF BRENTON ENGINEERING COMPANY AND IS NOT TO BE USED OR REPRODUCED WITHOUT THEIR PERMISSION		
Decimal .00 ± .01 .000 ± .005	Angular ± 1/2°	Fractional ± 1/32"	TITLE RT DRIVE ASSEMBLY - 12 RPM - EXPANDED LOADS		
			SCALE	SURFACE AREA	DWG NO
			FINISH		



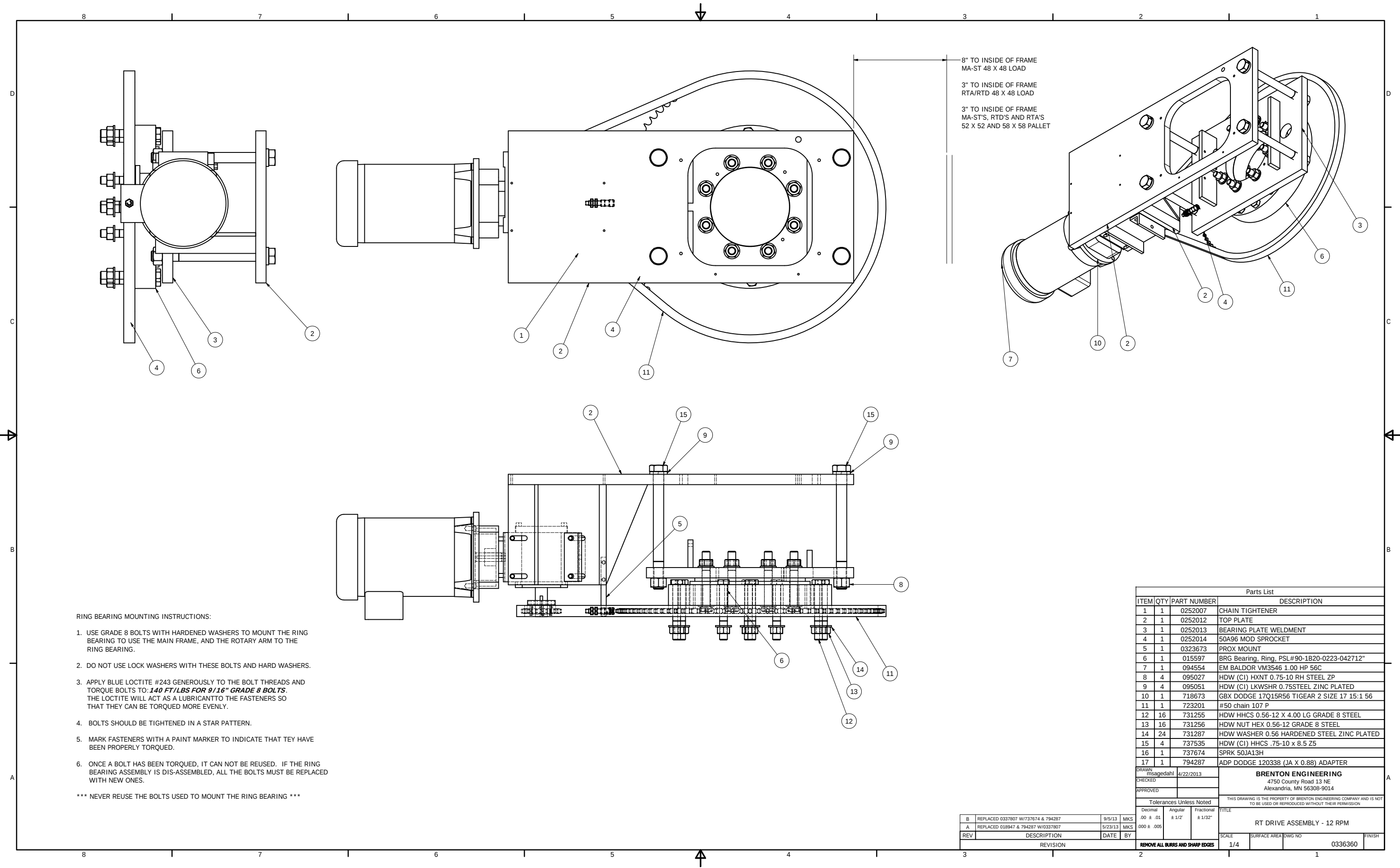
RING BEARING MOUNTING INSTRUCTIONS:

1. USE GRADE 8 BOLTS WITH HARDENED WASHERS TO MOUNT THE RING BEARING TO USE THE MAIN FRAME, AND THE ROTARY ARM TO THE RING BEARING.
2. DO NOT USE LOCK WASHERS WITH THESE BOLTS AND HARD WASHERS.
3. APPLY BLUE LOCTITE #243 GENEROUSLY TO THE BOLT THREADS AND TORQUE BOLTS TO **140 FT/LBS FOR 9/16" GRADE 8 BOLTS**. THE LOCTITE WILL ACT AS A LUBRICANT TO THE FASTENERS SO THAT THEY CAN BE TORQUED MORE EVENLY.
4. BOLTS SHOULD BE TIGHTENED IN A STAR PATTERN.
5. MARK FASTENERS WITH A PAINT MARKER TO INDICATE THAT THEY HAVE BEEN PROPERLY TORQUED.
6. ONCE A BOLT HAS BEEN TORQUED, IT CAN NOT BE REUSED. IF THE RING BEARING ASSEMBLY IS DIS-ASSEMBLED, ALL THE BOLTS MUST BE REPLACED WITH NEW ONES.

*** NEVER REUSE THE BOLTS USED TO MOUNT THE RING BEARING ***

Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	0252013	BEARING PLATE WELDMENT	
2	1	0252014	50A96 MOD SPROCKET	
3	1	0264660	TOP PLATE	
4	1	0264663	Chain Take-up	
5	1	0264665	SENSOR MOUNT	
6	1	0317166	#50 CHAIN BREAK (109 P + 1CONN)	
7	1	015597	BRG Bearing, Ring, PSL#90-1B20-0223-042712"	
8	1	094554	EM BALDOR VM3546 1.00 HP 56C	
9	4	095027	HDW (CI) HXNT 0.75-10 RH STEEL ZP	
10	4	095051	HDW (CI) LKWSHR 0.75STEEL ZINC PLATED	
11	1	703155	ADP DODGE 120340 (JA X 1.00) ADAPTER (M035-38)	
12	1	722749	GBX DODGE 20Q15R56 TIGEAR 2 SIZE 20 15:1 56C	
13	16	731255	HDW HHCS 0.56-12 X 4.00 LG GRADE 8 STEEL	
14	16	731256	HDW NUT HEX 0.56-12 GRADE 8 STEEL	
15	24	731287	HDW WASHER 0.56 HARDENED STEEL ZINC PLATED	
16	4	737535	HDW (CI) HHCS .75-10 x 8.5 Z5	
17	1	737674	SPRK 50JA13H	
DRAWN		4/22/2013	BRENTON ENGINEERING 4750 County Road 13 NE Alexandria, MN 56308-9014	
CHECKED				
APPROVED				
Tolerances Unless Noted			THIS DRAWING IS THE PROPERTY OF BRENTON ENGINEERING COMPANY AND IS NOT TO BE USED OR REPRODUCED WITHOUT THEIR PERMISSION	
Decimal	Angular	Fractional	TITLE	
.00 ± .01	± 1/2°	± 1/32"	RT DRIVE ASSEMBLY - 12 RPM	
.000 ± .005			SCALE	SURFACE AREA DWG NO FINISH
REMOVE ALL BURRS AND SHARP EDGES			1/4	0336361

REV	DESCRIPTION	DATE	BY
	REVISION		



8" TO INSIDE OF FRAME
MA-ST 48 X 48 LOAD

3" TO INSIDE OF FRAME
RTA/RTD 48 X 48 LOAD

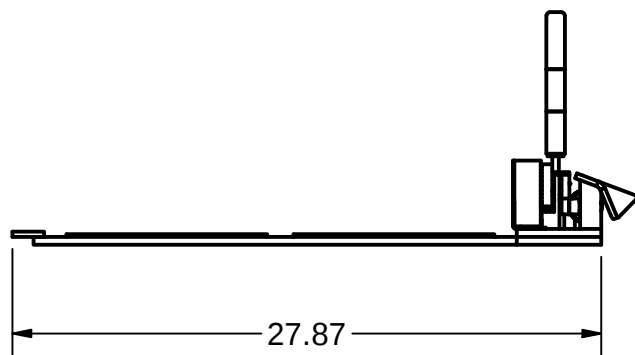
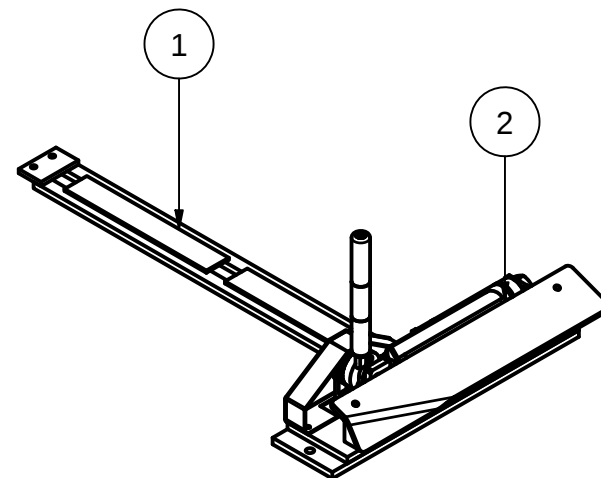
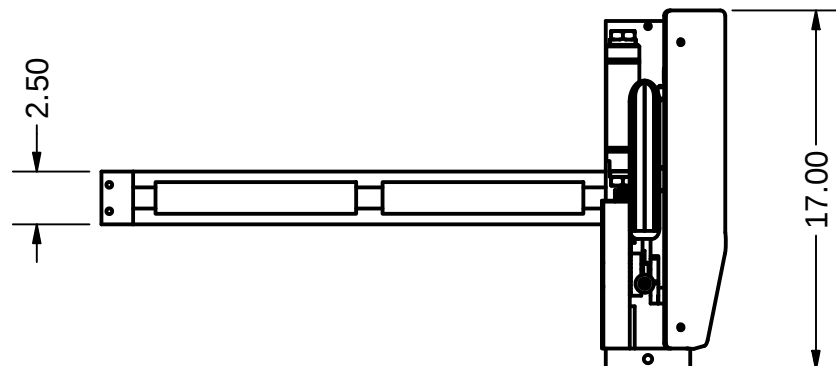
3" TO INSIDE OF FRAME
MA-ST'S, RTD'S AND RTA'S
52 X 52 AND 58 X 58 PALLET

RING BEARING MOUNTING INSTRUCTIONS:

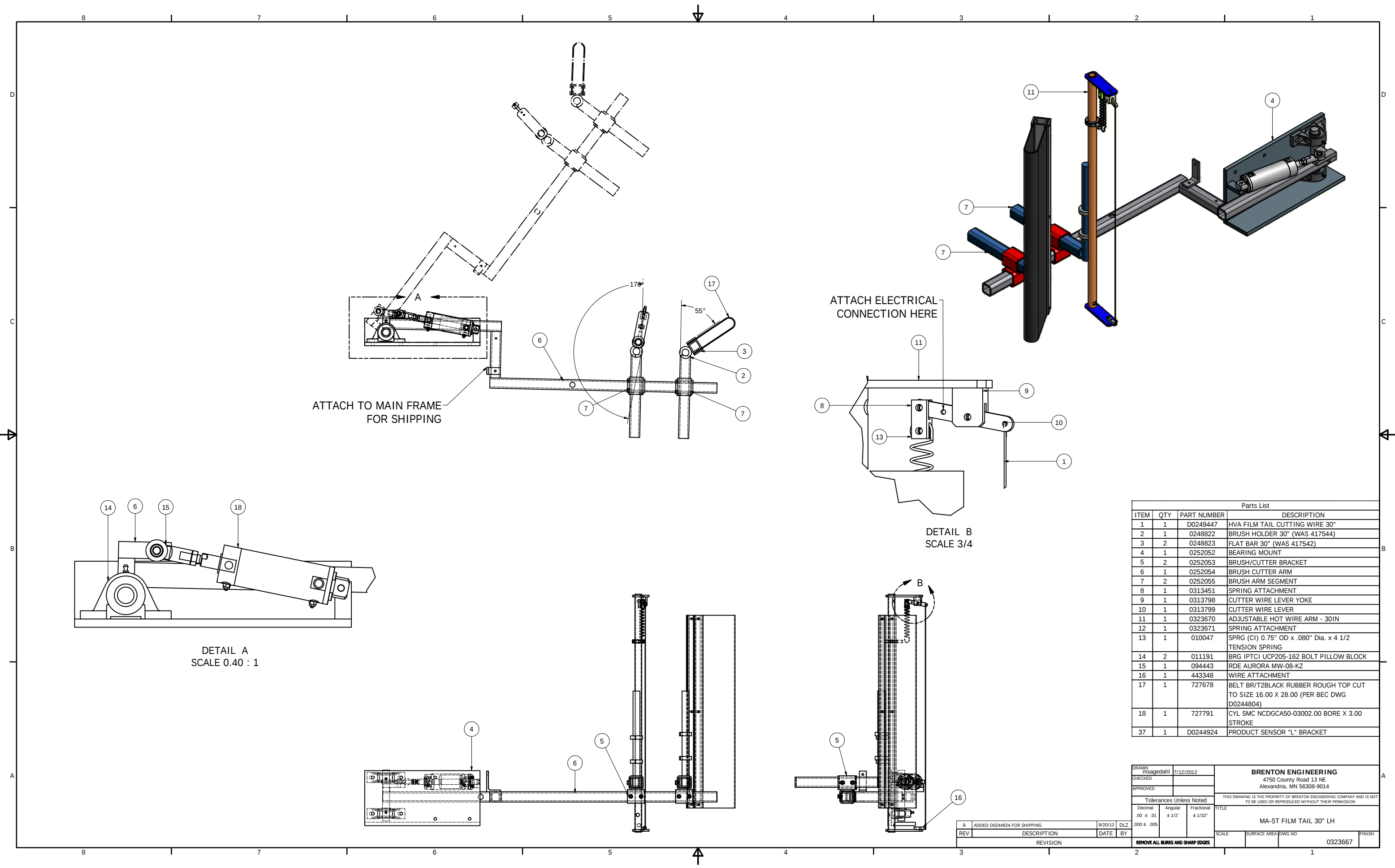
1. USE GRADE 8 BOLTS WITH HARDENED WASHERS TO MOUNT THE RING BEARING TO USE THE MAIN FRAME, AND THE ROTARY ARM TO THE RING BEARING.
2. DO NOT USE LOCK WASHERS WITH THESE BOLTS AND HARD WASHERS.
3. APPLY BLUE LOCTITE #243 GENEROUSLY TO THE BOLT THREADS AND TORQUE BOLTS TO: **140 FT/LBS FOR 9/16" GRADE 8 BOLTS**. THE LOCTITE WILL ACT AS A LUBRICANT TO THE FASTENERS SO THAT THEY CAN BE TORQUED MORE EVENLY.
4. BOLTS SHOULD BE TIGHTENED IN A STAR PATTERN.
5. MARK FASTENERS WITH A PAINT MARKER TO INDICATE THAT THEY HAVE BEEN PROPERLY TORQUED.
6. ONCE A BOLT HAS BEEN TORQUED, IT CAN NOT BE REUSED. IF THE RING BEARING ASSEMBLY IS DIS-ASSEMBLED, ALL THE BOLTS MUST BE REPLACED WITH NEW ONES.

*** NEVER REUSE THE BOLTS USED TO MOUNT THE RING BEARING ***

Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	0252007	CHAIN TIGHTENER	
2	1	0252012	TOP PLATE	
3	1	0252013	BEARING PLATE WELDMENT	
4	1	0252014	50A96 MOD SPROCKET	
5	1	0323673	PROX MOUNT	
6	1	015597	BRG Bearing, Ring, PSL#90-1B20-0223-042712"	
7	1	094554	EM BALDOR VM3546 1.00 HP 56C	
8	4	095027	HDW (CI) HXNT 0.75-10 RH STEEL ZP	
9	4	095051	HDW (CI) LKWSHR 0.75STEEL ZINC PLATED	
10	1	718673	GBX DODGE 17Q15R56 TIGEAR 2 SIZE 17 15:1 56	
11	1	723201	#50 chain 107 P	
12	16	731255	HDW HHCS 0.56-12 X 4.00 LG GRADE 8 STEEL	
13	16	731256	HDW NUT HEX 0.56-12 GRADE 8 STEEL	
14	24	731287	HDW WASHER 0.56 HARDENED STEEL ZINC PLATED	
15	4	737535	HDW (CI) HHCS .75-10 x 8.5 Z5	
16	1	737674	SPRK 50JA13H	
17	1	794287	ADP DODGE 120338 (JA X 0.88) ADAPTER	
DRAWN		mtsagedahl	BRENTON ENGINEERING 4750 County Road 13 NE Alexandria, MN 56308-9014	
CHECKED		4/22/2013		
APPROVED				
Tolerances Unless Noted			THIS DRAWING IS THE PROPERTY OF BRENTON ENGINEERING COMPANY AND IS NOT TO BE USED OR REPRODUCED WITHOUT THEIR PERMISSION	
Decimal .00 ± .01 .000 ± .005			TITLE RT DRIVE ASSEMBLY - 12 RPM	
Angular ± 1/2°			SCALE	
Fractional ± 1/32"			SURFACE AREA	
			DWG NO	
REMOVE ALL BURRS AND SHARP EDGES			1/4	
			0336360	
			FINISH	

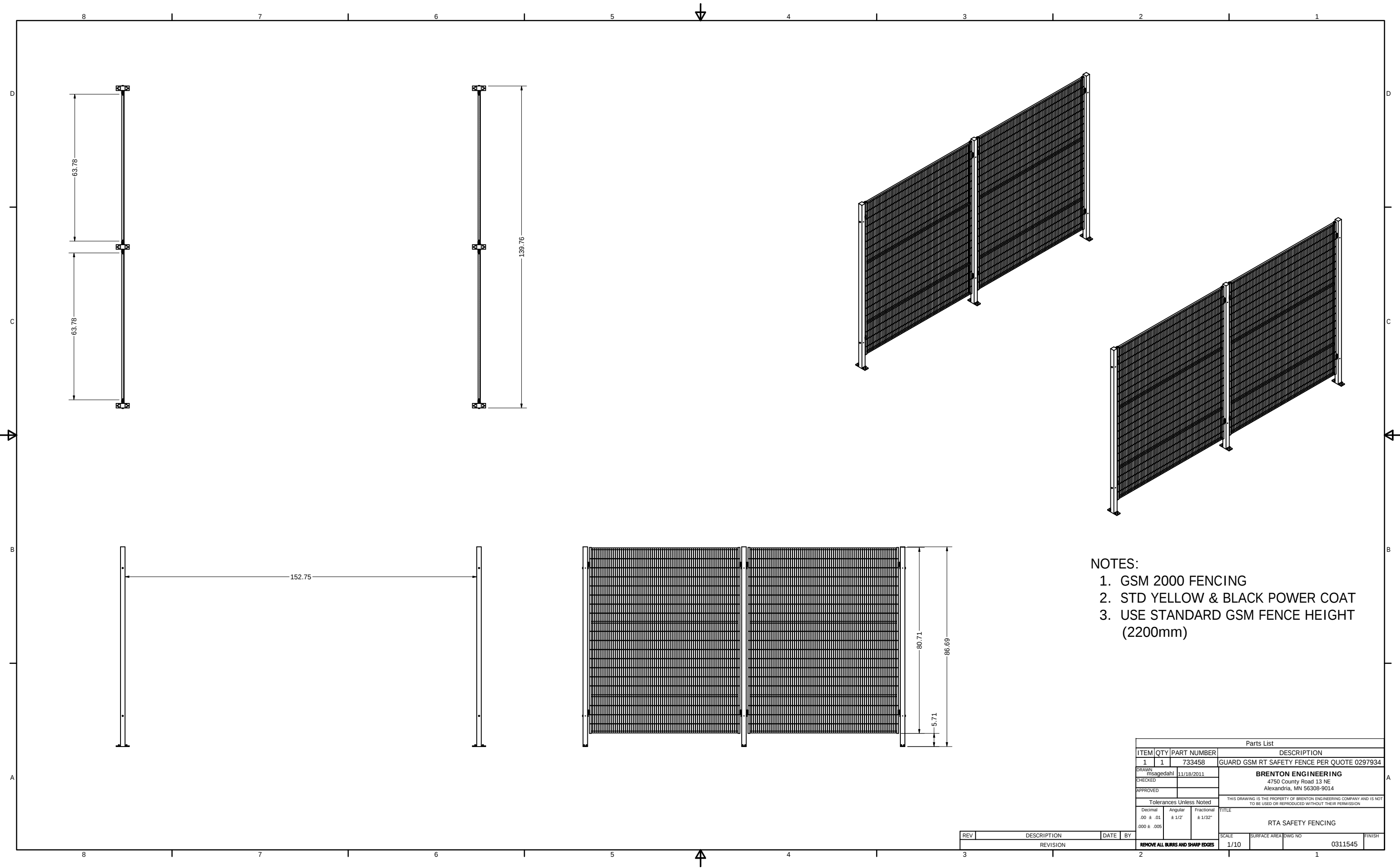


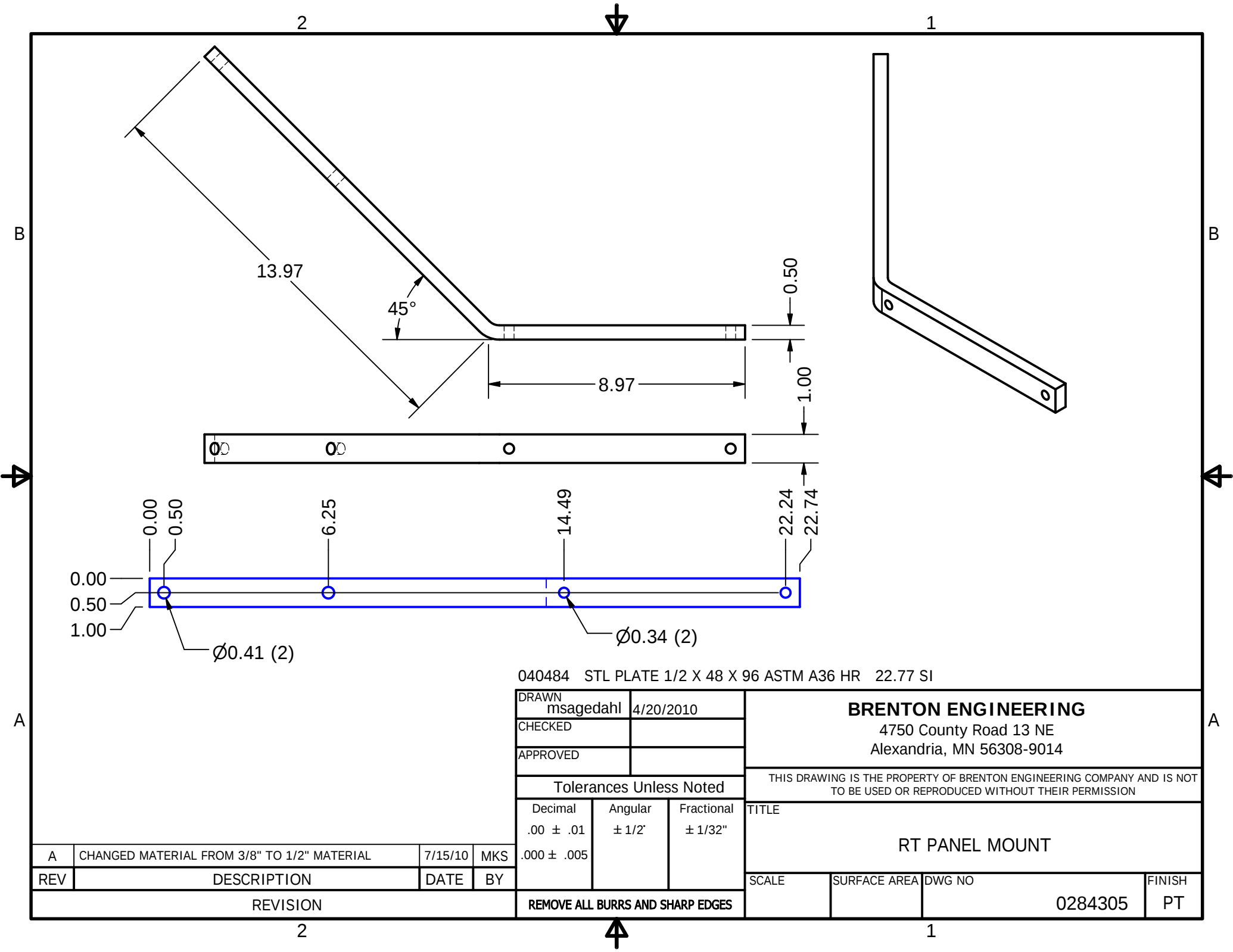
Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	0252049	FILM CLAMP MOUNT	
2	1	449282	STANDARD FLEX FILM CLAMP	
DRAWN msagedahl		7/18/2012	BRENTON ENGINEERING 4750 County Road 13 NE Alexandria, MN 56308-9014	
CHECKED				
APPROVED				
Tolerances Unless Noted			THIS DRAWING IS THE PROPERTY OF BRENTON ENGINEERING COMPANY AND IS NOT TO BE USED OR REPRODUCED WITHOUT THEIR PERMISSION	
Decimal .00 ± .01 .000 ± .005	Angular ± 1/2°	Fractional ± 1/32"	TITLE RT FILM CLAMP ASSEMBLY	
REMOVE ALL BURRS AND SHARP EDGES				
SCALE		SURFACE AREA	DWG NO	FINISH
			0323695	

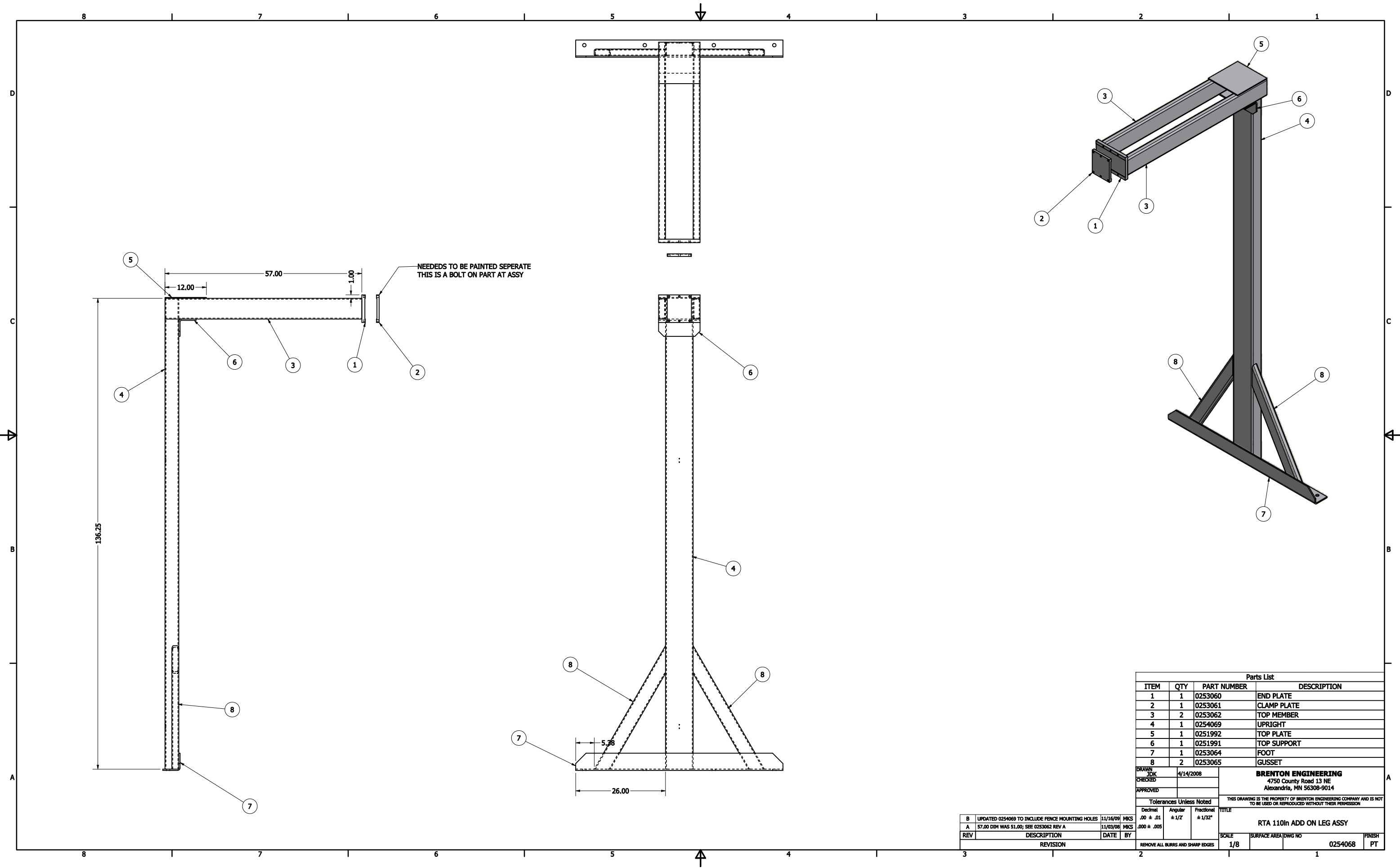


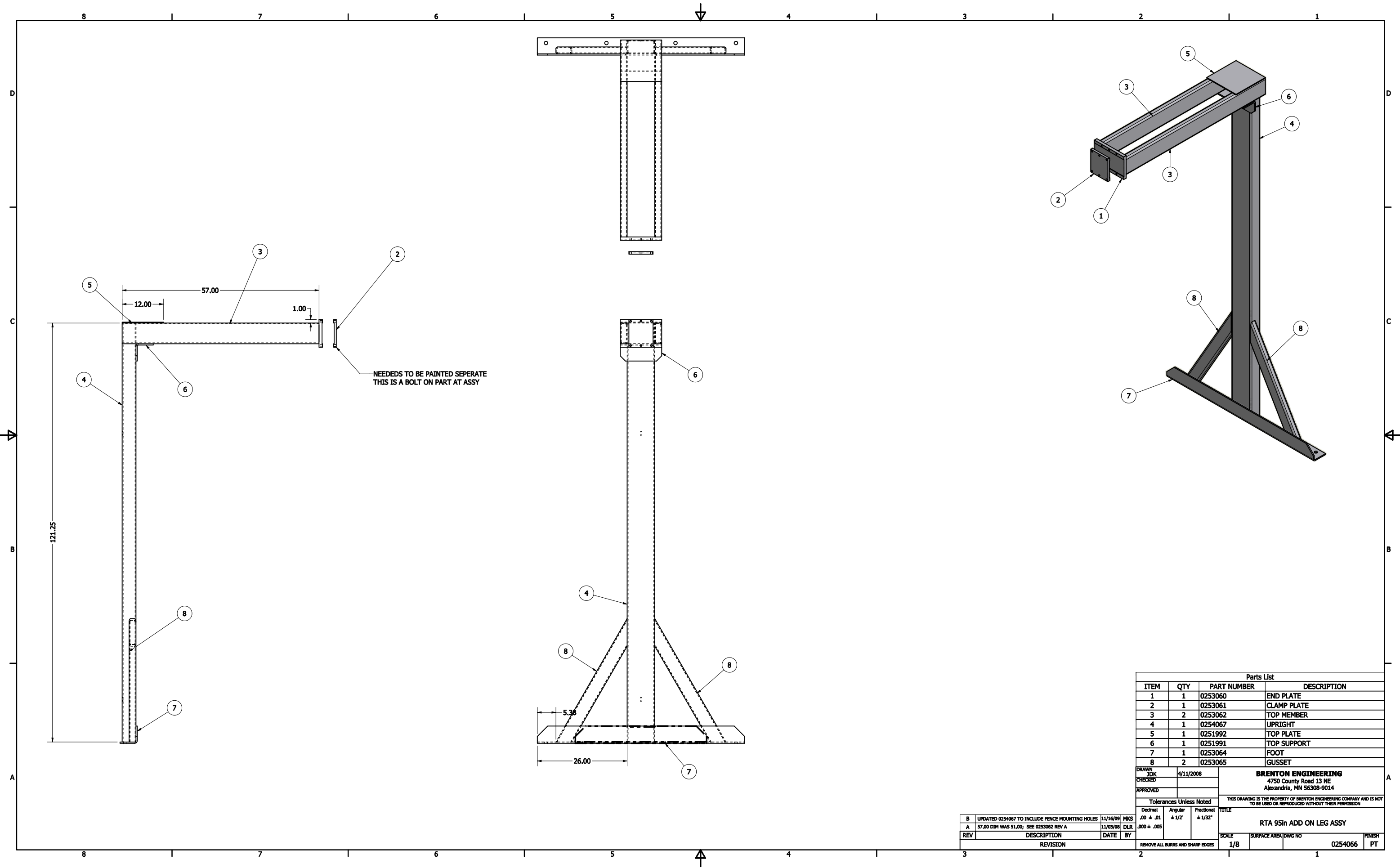
Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	D0249447	HVA FILM TAIL CUTTING WIRE 30"	
2	1	0248822	BRUSH HOLDER 30" (WAS 417544)	
3	2	0248823	FLAT BAR 30" (WAS 417542)	
4	1	0252052	BEARING MOUNT	
5	2	0252053	BRUSH/CUTTER BRACKET	
6	1	0252054	BRUSH CUTTER ARM	
7	2	0252055	BRUSH ARM SEGMENT	
8	1	0313451	SPRING ATTACHMENT	
9	1	0313798	CUTTER WIRE LEVER YOKE	
10	1	0313799	CUTTER WIRE LEVER	
11	1	0323670	ADJUSTABLE HOT WIRE ARM - 30IN	
12	1	0323671	SPRING ATTACHMENT	
13	1	010047	SPRG (CI) 0.75" OD x .080" Dia. x 4 1/2 TENSION SPRING	
14	2	011191	BRG IPTCI UCP205-162 BOLT PILLOW BLOCK	
15	1	094443	RDE AURORA MW-08-KZ	
16	1	443348	WIRE ATTACHMENT	
17	1	727678	BELT BR/T2BLACK RUBBER ROUGH TOP CUT TO SIZE 16.00 X 28.00 (PER BEC DWG D0244804)	
18	1	727791	CYL SMC NCDGCA50-03002.00 BORE X 3.00 STROKE	
37	1	D0244924	PRODUCT SENSOR "L" BRACKET	

DRAWN msagedahl 7/12/2012	BRENTON ENGINEERING 4750 County Road 13 NE Alexandria, MN 56308-9014	
CHECKED	THIS DRAWING IS THE PROPERTY OF BRENTON ENGINEERING COMPANY AND IS NOT TO BE USED OR REPRODUCED WITHOUT THEIR PERMISSION	
APPROVED	TITLE MA-ST FILM TAIL 30" LH	
Tolerances Unless Noted Decimal .00 ± .01 Angular ± 1/2° Fractional ± 1/32"		SCALE
.000 ± .005		SURFACE AREA
REMOVE ALL BURRS AND SHARP EDGES		DWG NO
37		FINISH
0323667		



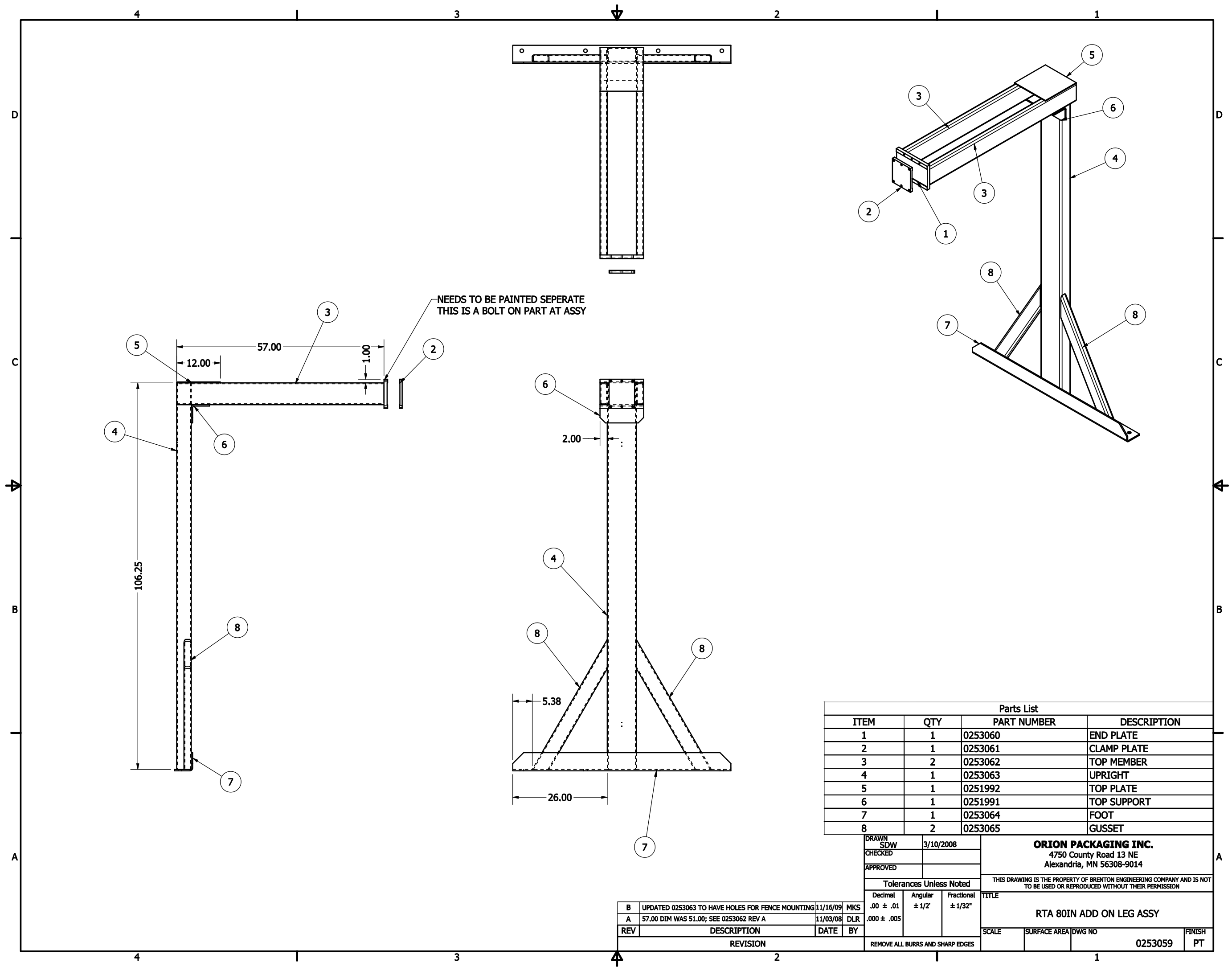






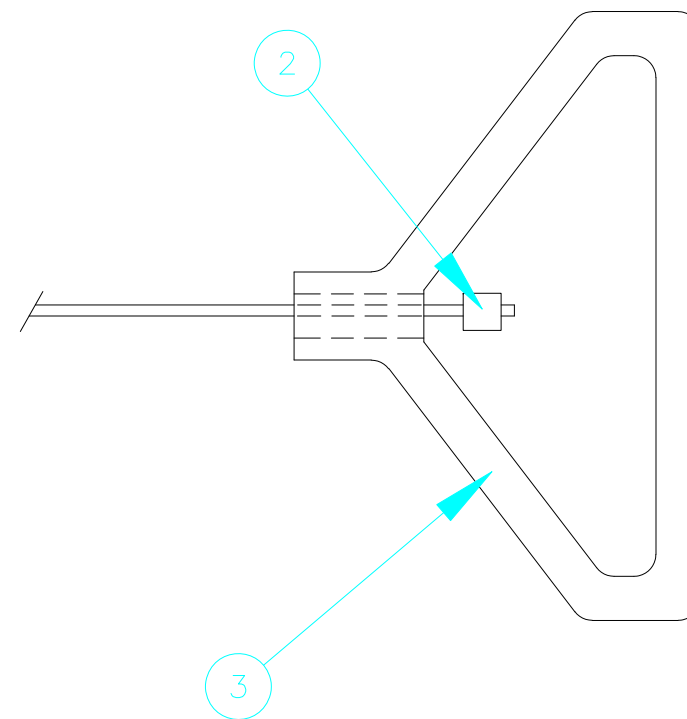
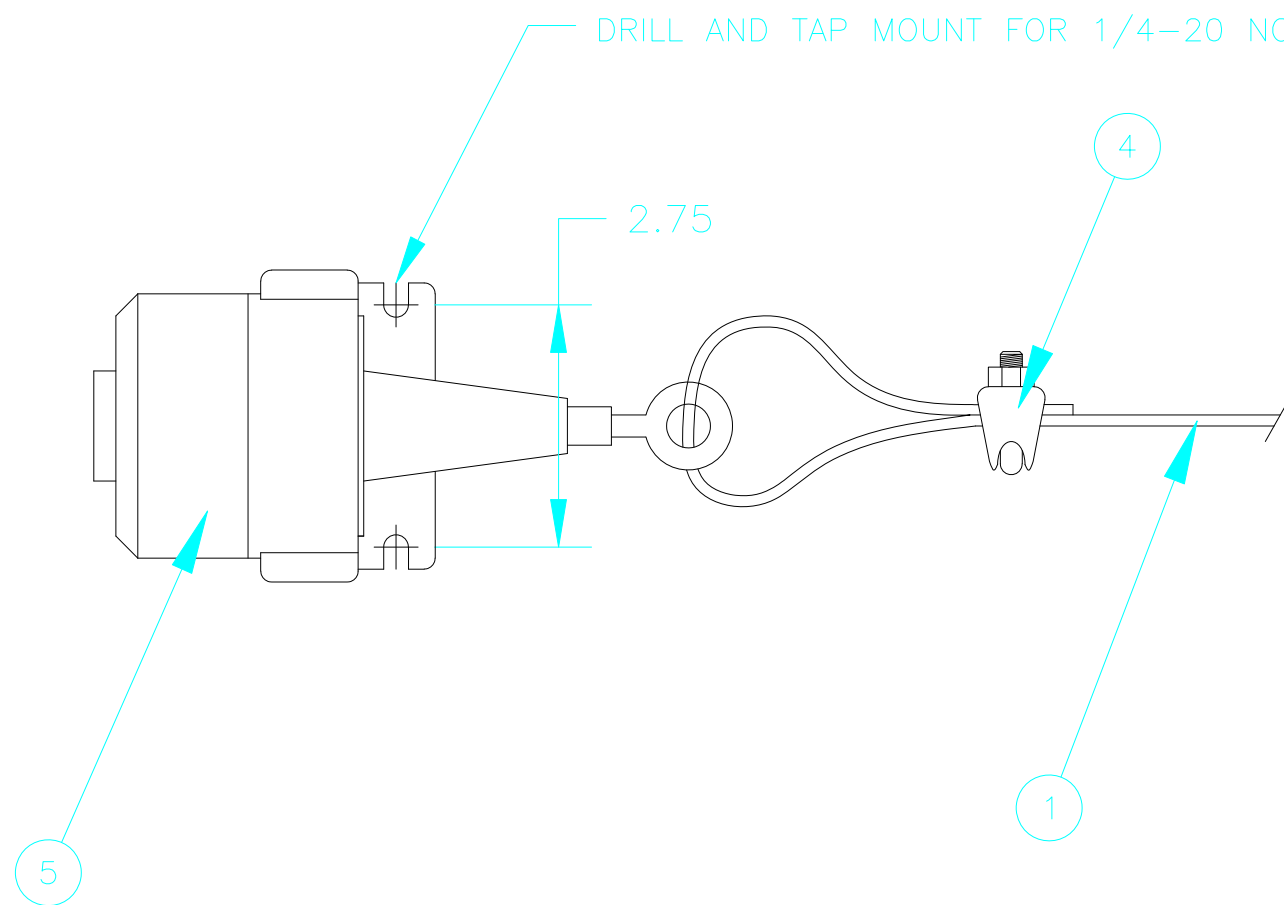
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	0253060	END PLATE
2	1	0253061	CLAMP PLATE
3	2	0253062	TOP MEMBER
4	1	0254067	UPRIGHT
5	1	0251992	TOP PLATE
6	1	0251991	TOP SUPPORT
7	1	0253064	FOOT
8	2	0253065	GUSSET

DRAWN	JDK	4/11/2008	BRENTON ENGINEERING 4750 County Road 13 NE Alexandria, MN 56308-9014	
CHECKED				
APPROVED				
Tolerances Unless Noted			THIS DRAWING IS THE PROPERTY OF BRENTON ENGINEERING COMPANY AND IS NOT TO BE USED OR REPRODUCED WITHOUT THEIR PERMISSION	
Decimal	Angular	Fractional	TITLE	
.00 ± .01	± 1/2°	± 1/32"	RTA 95in ADD ON LEG ASSY	
0.000 ± .005			SCALE	SURFACE AREA (DWG NO)
REMOVE ALL BURRS AND SHARP EDGES			1/8	0254066
				FINISH
				PT



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	0253060	END PLATE
2	1	0253061	CLAMP PLATE
3	2	0253062	TOP MEMBER
4	1	0253063	UPRIGHT
5	1	0251992	TOP PLATE
6	1	0251991	TOP SUPPORT
7	1	0253064	FOOT
8	2	0253065	GUSSET

DRAWN SDW	3/10/2008	ORION PACKAGING INC. 4750 County Road 13 NE Alexandria, MN 56308-9014	
CHECKED			
APPROVED			
Tolerances Unless Noted		THIS DRAWING IS THE PROPERTY OF BRENTON ENGINEERING COMPANY AND IS NOT TO BE USED OR REPRODUCED WITHOUT THEIR PERMISSION	
Decimal .00 ± .01	Angular ± 1/2°	Fractional ± 1/32"	TITLE RTA 80IN ADD ON LEG ASSY
REV	DESCRIPTION	DATE	BY
B	UPDATED 0253063 TO HAVE HOLES FOR FENCE MOUNTING	11/16/09	MKS
A	57.00 DIM WAS 51.00; SEE 0253062 REV A	11/03/08	DLR
REVISION		REMOVE ALL BURRS AND SHARP EDGES	SCALE
			SURFACE AREA
			DWG NO
			0253059
			FINISH
			PT



CRIMP STOP COLLAR (ITEM 2) ONTO
CABLE PRIOR TO SHIPMENT.

NOTE: CUT CABLE TO LENGTH
AFTER MOUNTING SWITCH AT
INSTALL, THEN SECURE CABLE
CLAMP.

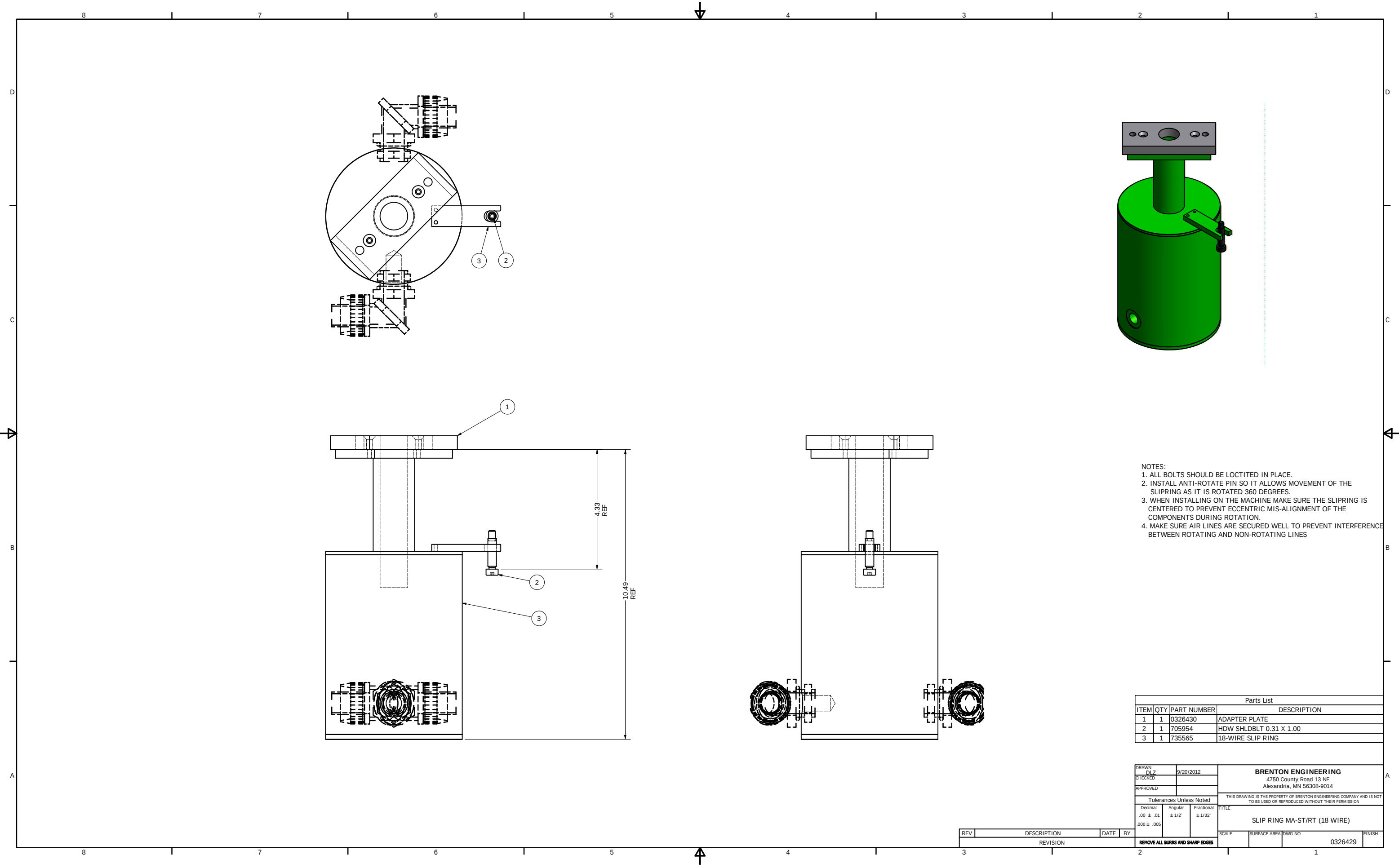
1	727766	1	EA	MISC MCMASTER 9018T11-RED-251/8" WIRE ROPER W/RED VINYL COATING 25 FT SECTION
2	727767	1	EA	MISC MCMASTER 3914T3STOP COLLAR FOR 1/8" WIRE ROPE (PKG OF 50)
3	727769	1	EA	MISC MFGSUPPLY.COM 25-7723LANYARD PULL HANDLE
4	727798	1	EA	MISC MCMASTER 30325T26WIRE ROPE CLIP 1/8"
5	017065	1	EA	VGS Switch, Lanyard, REES #04958-100

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Tolerances Unless Noted	 4750 County Road 13 NE Alexandria, MN 56308-9014		
DECIMAL .00 ± .01 .000 ± .005	KIT REMOTE LANYARD		
FRACTIONAL ±1/32"	DRAWN BY: <i>jnori</i>	APPROVED BY:	SCALE: 1/2=1
ANGULAR ± 1/2°	Finish:	REMOVE ALL BURRS AND SHARP EDGES	DATE: 1/15/08
			Drawing No: D0244789

No.	ECO #	Description	Date	By
REVISION				

Surface Area:



- NOTES:
- 1. ALL BOLTS SHOULD BE LOCTITED IN PLACE.
 - 2. INSTALL ANTI-ROTATE PIN SO IT ALLOWS MOVEMENT OF THE SLIPRING AS IT IS ROTATED 360 DEGREES.
 - 3. WHEN INSTALLING ON THE MACHINE MAKE SURE THE SLIPRING IS CENTERED TO PREVENT ECCENTRIC MIS-ALIGNMENT OF THE COMPONENTS DURING ROTATION.
 - 4. MAKE SURE AIR LINES ARE SECURED WELL TO PREVENT INTERFERENCE BETWEEN ROTATING AND NON-ROTATING LINES

Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	0326430	ADAPTER PLATE	
2	1	705954	HDW SHLDBLT 0.31 X 1.00	
3	1	735565	18-WIRE SLIP RING	

DRAWN DLZ	9/20/2012	BRENTON ENGINEERING 4750 County Road 13 NE Alexandria, MN 56308-9014		
CHECKED				
APPROVED		THIS DRAWING IS THE PROPERTY OF BRENTON ENGINEERING COMPANY AND IS NOT TO BE USED OR REPRODUCED WITHOUT THEIR PERMISSION		
Tolerances Unless Noted		TITLE		
Decimal .00 ± .01 .000 ± .005	Angular ± 1/2°	Fractional ± 1/32"	SLIP RING MA-ST/RT (18 WIRE)	
REV	DESCRIPTION	DATE	BY	FINISH
REVISION				
REMOVE ALL BURRS AND SHARP EDGES				
SCALE	SURFACE AREA	DWG NO	0326429	