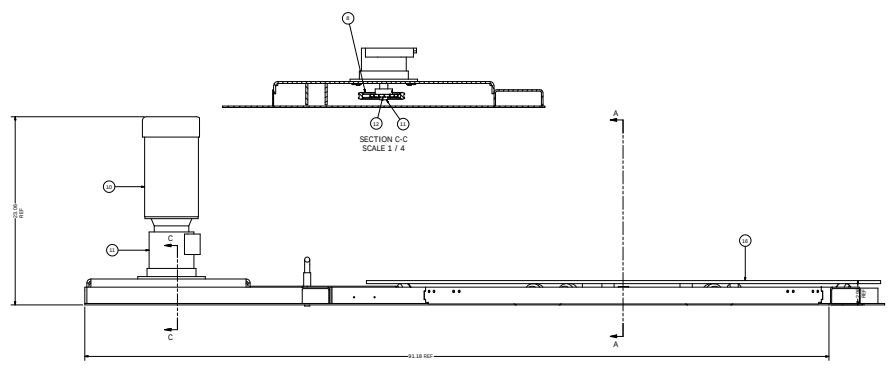
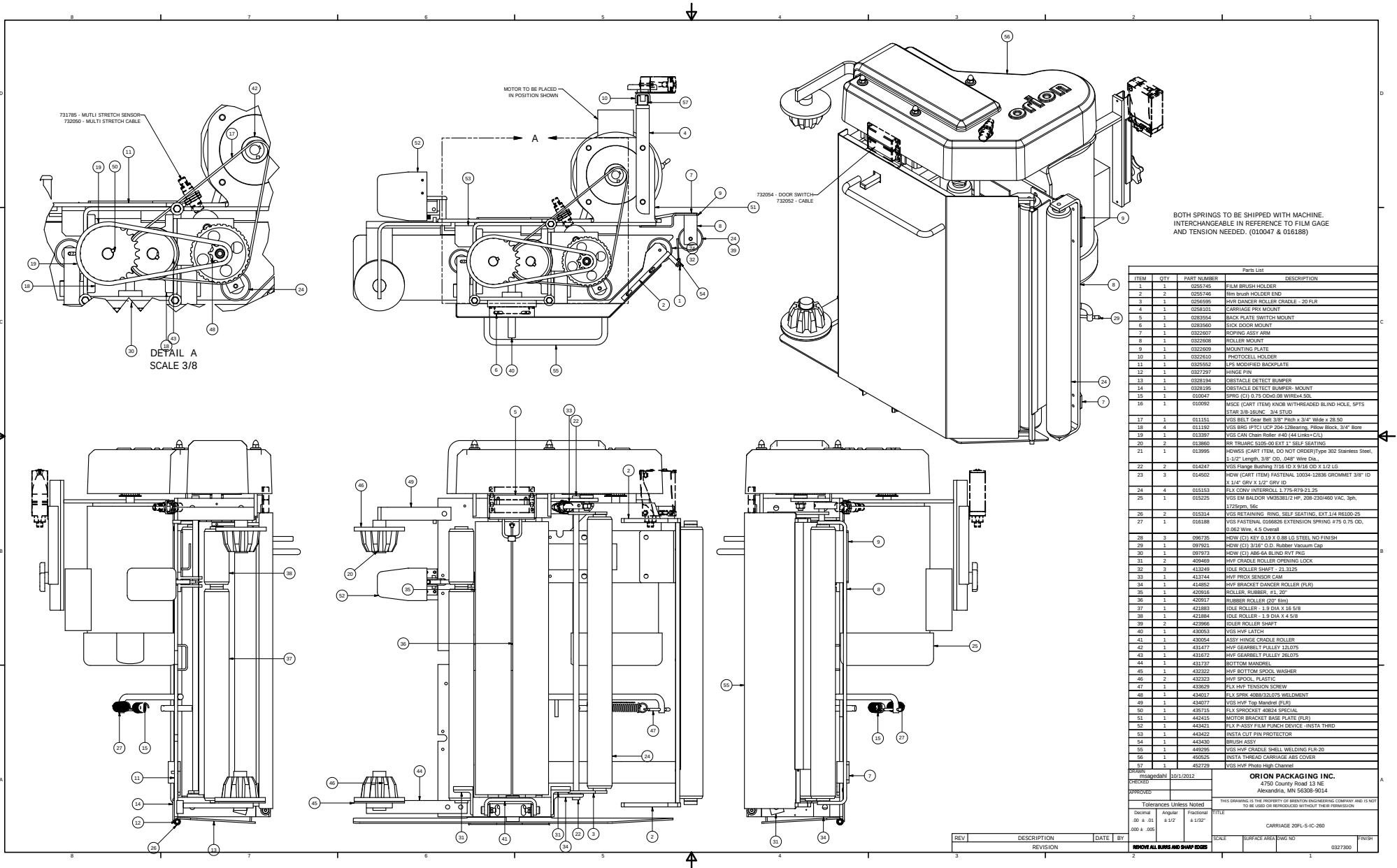
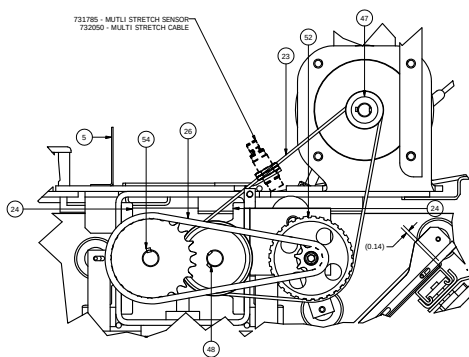
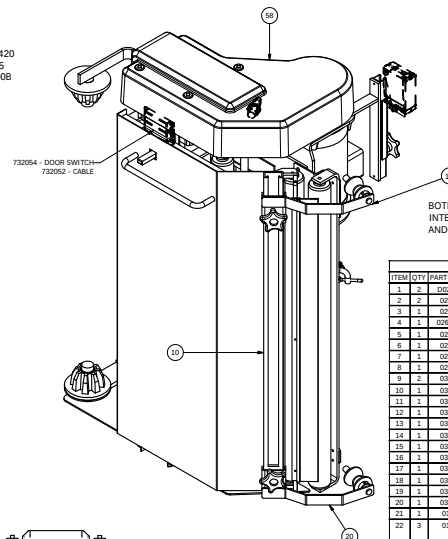
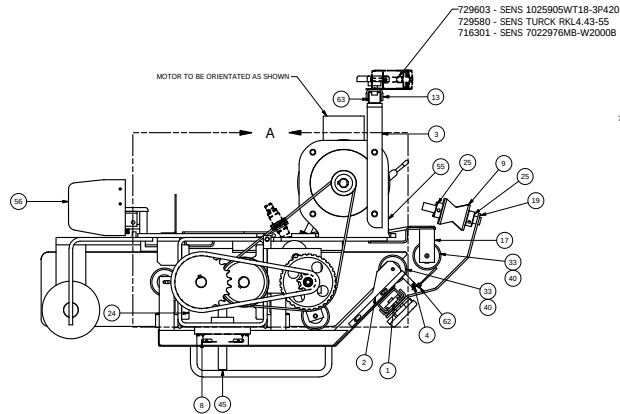
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DETAIL A
SCALE 3/8



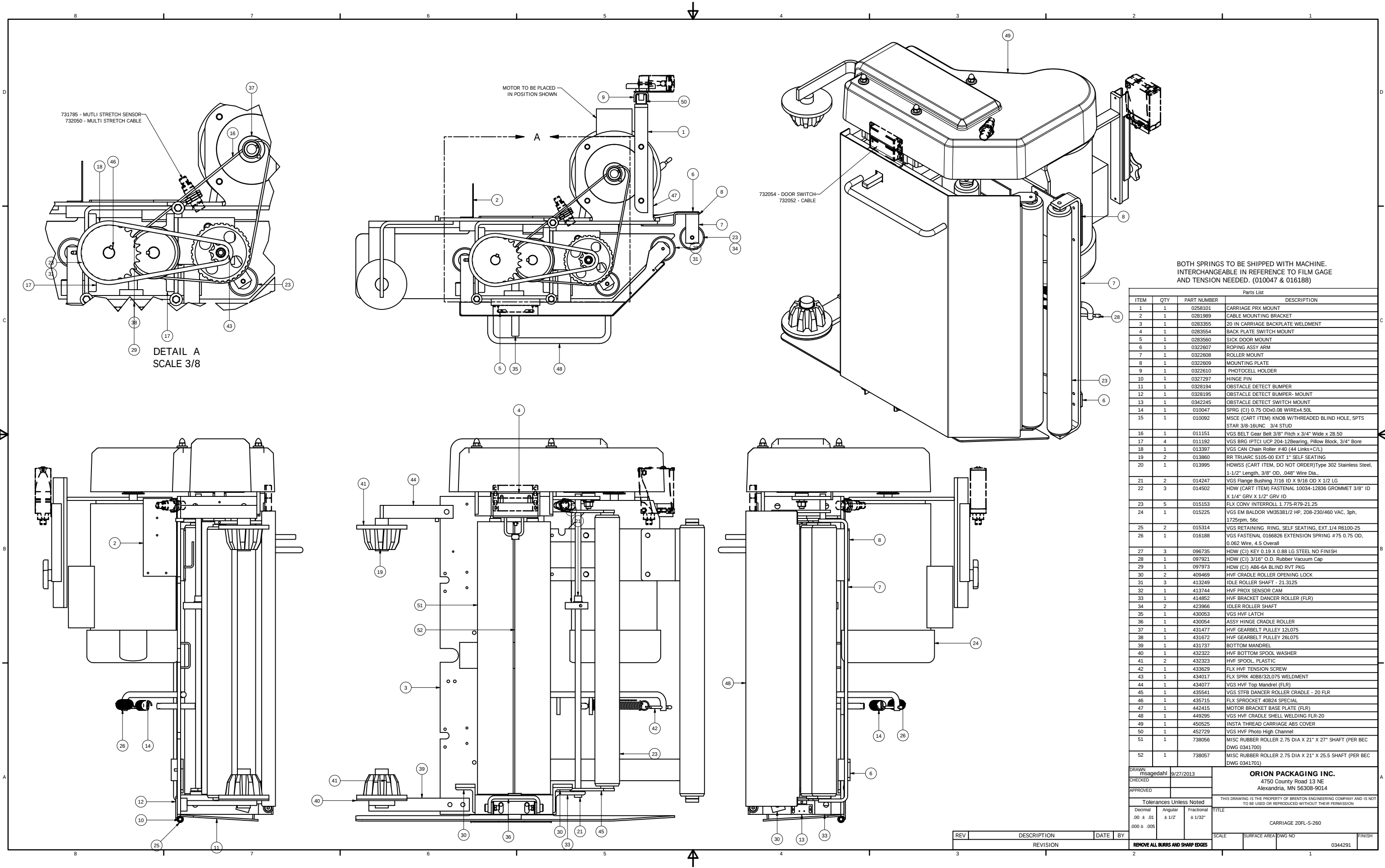
BOTH SPRINGS TO BE SHIPPED WITH MACHINE.
INTERCHANGEABLE SPRINGS ACCORDING TO FILM GAGE
AND TENSION NEEDED. (010047 & 016188)

Parts List		
ITEM	QTY	PART NUMBER DESCRIPTION
1	1	00047111 LAVA CHANNEL GLASS
2	2	0255746 film brush HOLDER END
3	1	0258101 CARRIAGE PWS MOUNT
4	1	0261841-1 FILM BRUSH HOLDER
5	1	0261850 CABLE MOUNTING BRACKET
6	1	0283365 30 IN CARRIAGE BACK PLATE WELDMENT
7	1	0283554 BACK PLATE SWITCH MOUNT
8	1	0285560 ROPING ROLLER
9	2	0303880 ROPING ROLLER
10	1	0304478 ROLLER CHANNEL
11	1	0322007 ROPING ASSY W/ARM
12	1	0322605 MOUNTING PLATE
13	1	0322610 PHOTOCELL HOLDER
14	1	0327297 HINGE PIN
15	1	0328104 OBSTACLE DETECT BUMPER
16	1	0328105 OBSTACLE DETECT BUMPER MOUNT
17	1	0330457 ROLLER MOUNT
18	1	0342245 OBSTACLE DETECT SWITCH MOUNT
19	1	0342705 ROLLER HOLDER
20	1	0342707 ROLLER HOLDER
21	1	010047 SPIN (C/L) 3/4 INCH LBS WITH 3/4 INCH
22	1	010092 HINGE (CART ITEM) HINGE WITH 3/4 INCH BOLT, 3/4 INCH STAR 3/8 INCH
23	1	011101 VHS BELT Gear Belt 3/8" Pitch x 3/4" Wide x 28.50
24	1	011102 VHS BELT PULLEY 3/4 INCH BORE, 3/4 INCH BORE
25	1	012611 Chain Steel, 1/2 inch Bore
26	1	013397 VHS CAN Chain Roller #40 (44 Links+C/L)
27	1	013660 H/W TRAILER 3/8 INCH OD EXT 1" SELF SEATING
28	1	013995 HDWS (CART ITEM, DO NOT ORDER) Type 302 Stainless Steel, 1-1/2" Length, 3/8" OD, .048" Wire Dia.
29	1	014247 VHS Frame Bushing 7/16 IN OD x 5/16 IN ID x 1/2 IN LG
30	1	014502 H/W (CART ITEM) FASTENER, 302H-1200H CROMMET 3/8" ID x 1/4" GRV x 1/2" GRV ID
31	1	015114 VHS RETAINING RING, SELF SEATING, EXT 3/4 INCH OD-25
32	1	016188 VHS FASTENER, CROMMET EXTENSION SPRING 3/8 IN OD x 3/4 IN GRV x 1/2 IN GRV ID
33	1	017687 ROLLER AL 30"
34	1	094054 EM BALDOR VM3540 1.00 HP 56C
35	1	095857 VHS Spring Pin Spring, 302H x 1" LG
36	1	097921 HDW (C) 3/16" O.D. Rubber Vacuum Cap
37	1	097973 HDW (C) 3/16" O.D. BLIND RVT PKG
38	1	404969 H/W CRANKLE ROLLER OPENING LOCK
39	1	412744 H/W PHOTO SENSITIVE CAM
40	1	414385 H/W OLE ROLLER SHAF - 3/4 INCH LG
41	1	414852 H/W BRACKET DANCER ROLLER (FLN)
42	1	420919 FLX CONV ROLLER RUBBER 42 30" LONG
43	1	420919 FLX CONV ROLLER RUBBER 42 30" SHORT
44	1	421884 OLE ROLLER - 1.9 DIA x 4 5/8
45	1	430053 VHS W/P LATCH
46	1	430054 ASSY HINGE CRANKLE ROLLER
47	1	431477 H/W GEARBELT PULLEY 12.0/15
48	1	431572 H/W GEARBELT PULLEY 26.0/15
49	1	431777 BOTTOM MANGLES
50	1	432322 H/W BOTTOM SPOOL W/SHIM
51	1	432323 H/W SPOOL PLASTIC
52	1	434017 FLX SHK 408-10-15 WELDMENT
53	1	434077 VHS W/P Top Mandrel (FLN)
54	1	435715 FLX SPROCKET 40824 SPECIAL
55	1	444015 MOTOR BRACKET BASE PLATE (FLN)
56	1	444243 FLX P-ASSY FILM PUNCH DEVICE, INSTA THRD
57	1	444242 INSTA CUT P/W PROTECTOR
58	1	450225 INSTA THREAD CARRIAGE ASSY COVER
59	1	450276 CRANKLE ROLLER SPECIAL WELDING
60	1	450741 DANCER ROLLER ASSY 30
61	1	450804 OLE ROLLER - 1.9 DIA x 26 5/8
62	1	452087 BRUSH ASSY 30" CARRIAGE
63	1	452725 VHS W/P Photo High Channel
64	1	731114 HDW PD SENS OR EQUIV. N221-089

ORION Packaging Inc.	
1750 County Road 13 NE	
Alexandria, MN 56308-9014	
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Tolerances Unless Noted	
Decimal	Fractional
.00 ± .01	± 1/32"
.000 ± .005	± 1/32"
TITLE	
CARRIAGE 30FL S-1C MR-260	
DATE	
SURFACE AREA (SQ IN)	
FINISH	
0342705	

REV	DESCRIPTION	DATE	BY
1	REVISION		

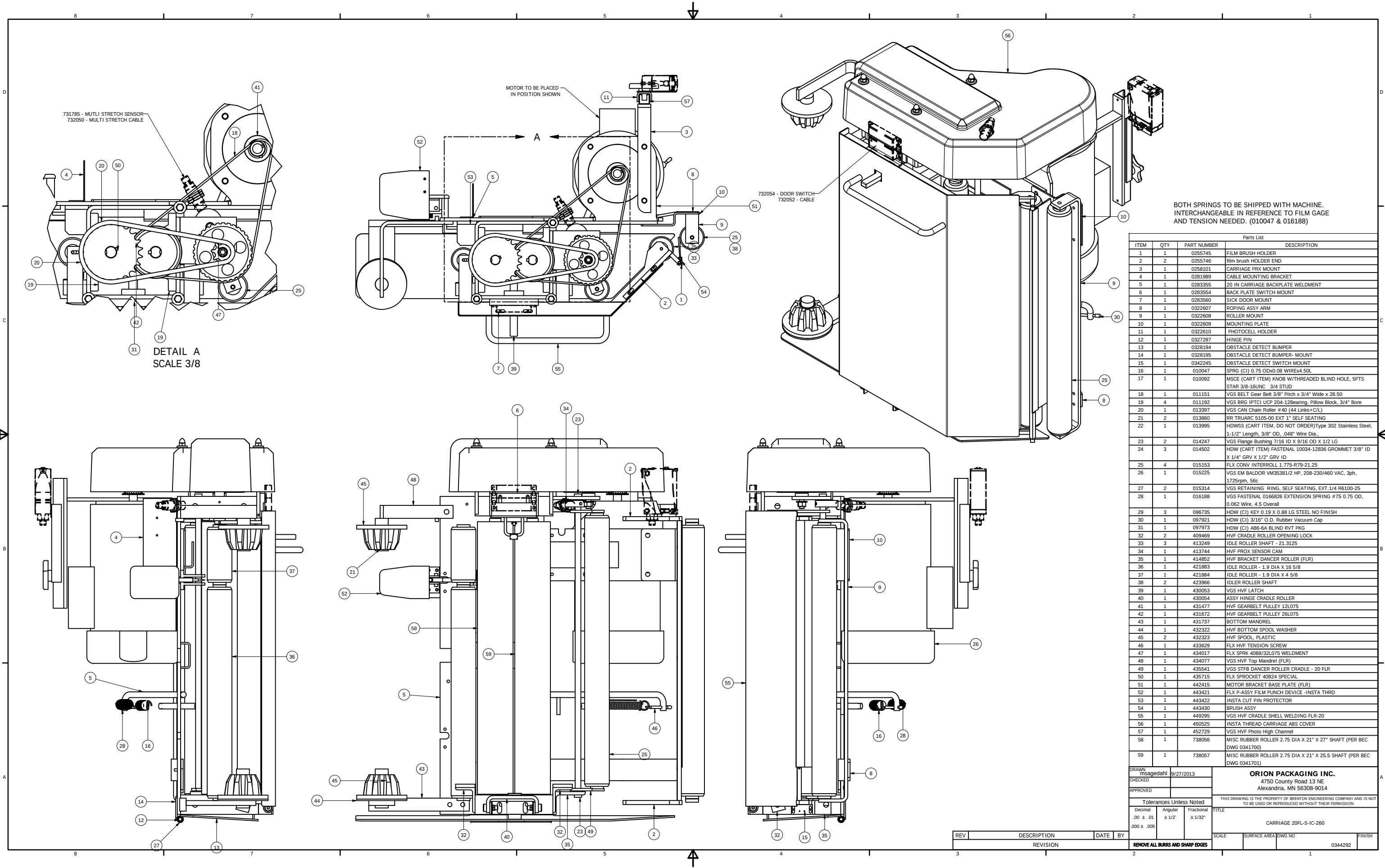
REMOVAL BURS AND SHARP EDGES

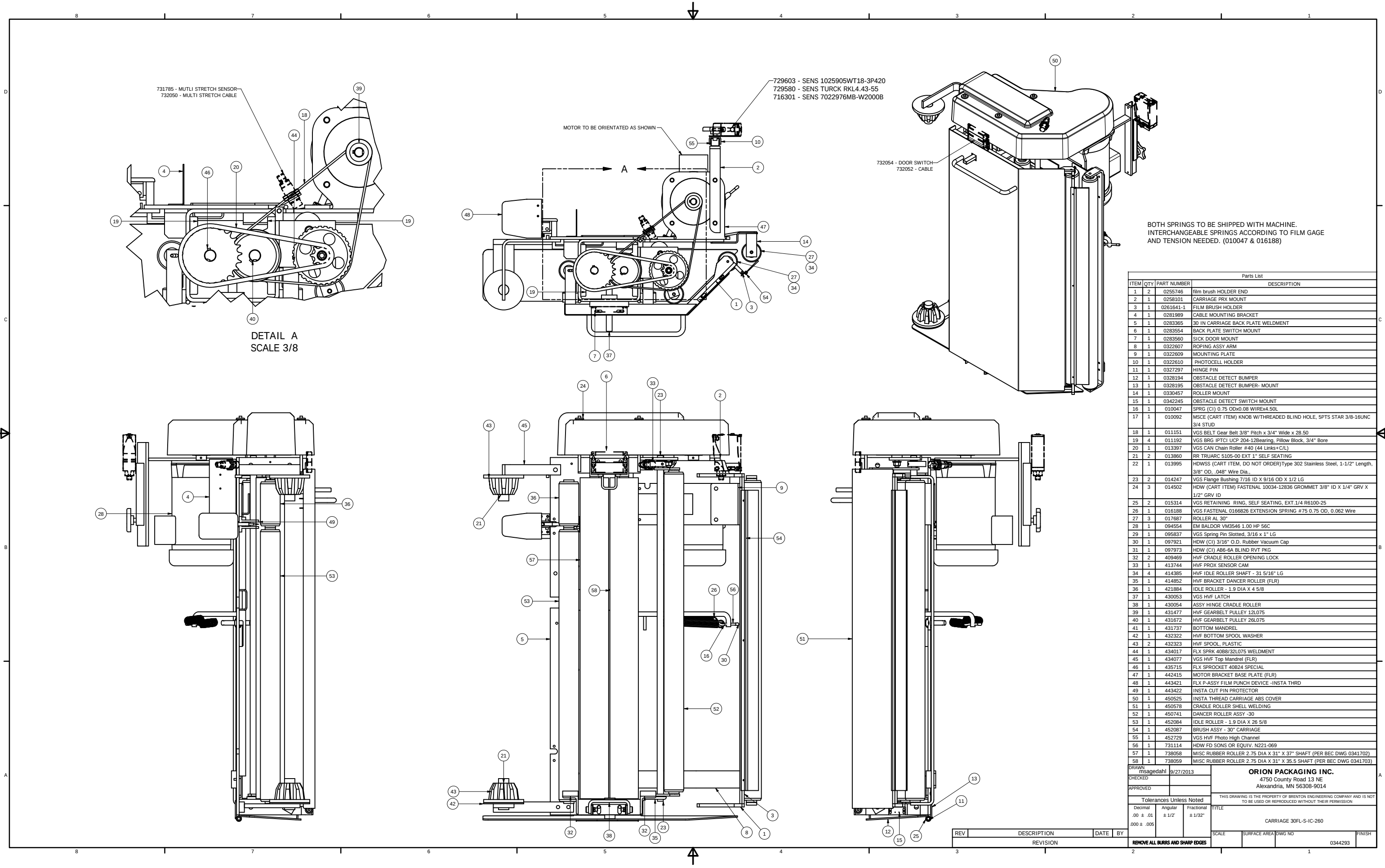


BOTH SPRINGS TO BE SHIPPED WITH MACHINE.
INTERCHANGEABLE IN REFERENCE TO FILM GAGE
AND TENSION NEEDED. (010047 & 016188)

Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	0258101	CARRIAGE PRX MOUNT	
2	1	0281989	CABLE MOUNTING BRACKET	
3	1	0283355	20 IN CARRIAGE BACKPLATE WELDMENT	
4	1	0283554	BACK PLATE SWITCH MOUNT	
5	1	0283560	SICK DOOR MOUNT	
6	1	0322607	ROPING ASSY ARM	
7	1	0322608	ROLLER MOUNT	
8	1	0322609	MOUNTING PLATE	
9	1	0322610	PHOTOCELL HOLDER	
10	1	0327297	HINGE PIN	
11	1	0328194	OBSTACLE DETECT BUMPER	
12	1	0328195	OBSTACLE DETECT BUMPER- MOUNT	
13	1	0342245	OBSTACLE DETECT SWITCH MOUNT	
14	1	010047	SPRG (CI) 0.75 ODx0.08 WIREx4.50L	
15	1	010092	MSCE (CART ITEM) KNOB WITHREADED BLIND HOLE, 5PTS STAR 3/8-16UNC. 3/4 STUD	
16	1	011151	VGS BELT Gear Belt 3/8" Pitch x 3/4" Wide x 28.50	
17	4	011192	VGS BRG IPTCI UCP 204-12Bearing, Pillow Block, 3/4" Bore	
18	1	013397	VGS CAN Chain Roller #40 (44 Links+C/L)	
19	2	013860	RR TRUARC 5105-00 EXT 1" SELF SEATING	
20	1	013995	HDWSS (CART ITEM, DO NOT ORDER)Type 302 Stainless Steel, 1-1/2" Length, 3/8" OD, .048" Wire Dia.,	
21	2	014247	VGS Flange Bushing 7/16 ID X 9/16 OD X 1/2 LG	
22	3	014502	HDW (CART ITEM) FASTENAL 10034-12836 GROMMET 3/8" ID X 1/4" GRV X 1/2" GRV ID	
23	5	015153	FLX CONV INTERROLL 1.775-R79-21.25	
24	1	015225	VGS EM BALDOR VM353811/2 HP, 208-230/460 VAC, 3ph, 1725rpm, 56c	
25	2	015314	VGS RETAINING RING, SELF SEATING, EXT 1/4 R6100-25	
26	1	016188	VGS FASTENAL 0166826 EXTENSION SPRING #75 0.75 OD, 0.062 Wire, 4.5 Overall	
27	3	096735	HDW (CI) KEY 0.19 X 0.88 LG STEEL NO FINISH	
28	1	097921	HDW (CI) 3/16" O.D. Rubber Vacuum Cap	
29	1	097973	HDW (CI) AB6-6A BLIND RVT PKG	
30	2	409469	HVF CRADLE ROLLER OPENING LOCK	
31	3	413249	IDLE ROLLER SHAFT - 21.3125	
32	1	413744	HVF PROX SENSOR CAM	
33	1	414852	HVF BRACKET DANCER ROLLER (FLR)	
34	2	423966	IDLER ROLLER SHAFT	
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	431737	BOTTOM MANDREL	
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	449295	VGS HVF CRADLE SHELL WELDING FLR-20	
49	1	450525	INSTA THREAD CARRIAGE ABS COVER	
50	1	452729	VGS HVF Photo High Channel	
51	1	738056	MISC RUBBER ROLLER 2.75 DIA X 21" X 27" SHAFT (PER BEC DWG 0341700)	
52	1	738057	MISC RUBBER ROLLER 2.75 DIA X 21" X 25.5 SHAFT (PER BEC DWG 0341701)	

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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	
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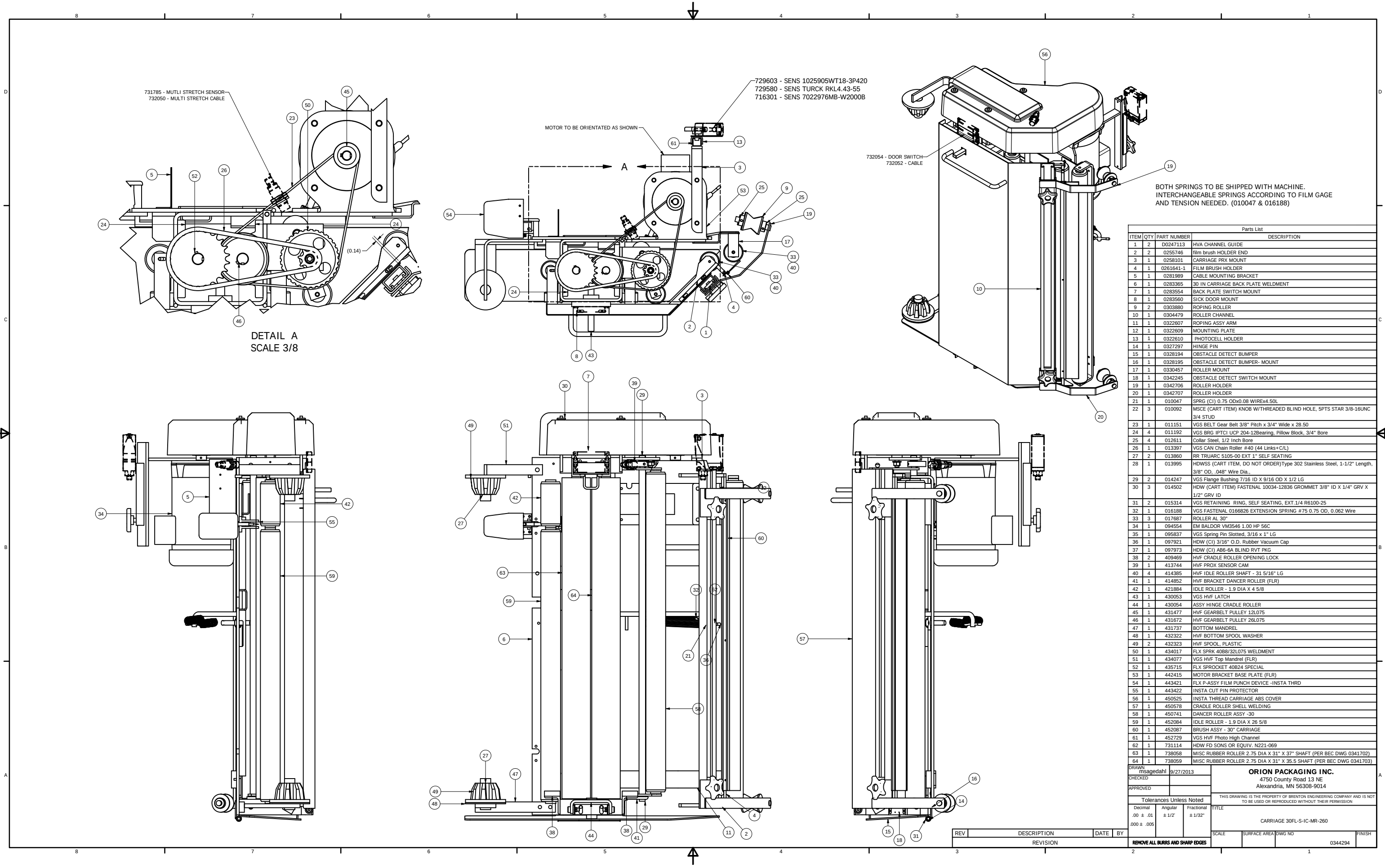




BOTH SPRINGS TO BE SHIPPED WITH MACHINE.
INTERCHANGEABLE SPRINGS ACCORDING TO FILM GAGE
AND TENSION NEEDED. (010047 & 016188)

Parts List		
ITEM	QTY	PART NUMBER DESCRIPTION
1	2	0255746 film brush HOLDER END
2	1	0258101 CARRIAGE PRX MOUNT
3	1	0261641-1 FILM BRUSH HOLDER
4	1	0281989 CABLE MOUNTING BRACKET
5	1	0283365 30 IN CARRIAGE BACK PLATE WELDMENT
6	1	0283554 BACK PLATE SWITCH MOUNT
7	1	0283560 SICK DOOR MOUNT
8	1	0322607 ROPING ASSY ARM
9	1	0322609 MOUNTING PLATE
10	1	0322610 PHOTOCELL HOLDER
11	1	0327297 HINGE PIN
12	1	0328194 OBSTACLE DETECT BUMPER
13	1	0328195 OBSTACLE DETECT BUMPER- MOUNT
14	1	0330457 ROLLER MOUNT
15	1	0342245 OBSTACLE DETECT SWITCH MOUNT
16	1	010047 SPRG (CI) 0.75 ODx0.08 WIREx4.50L
17	1	010092 MSCE (CART ITEM) KNOB W/THREADED BLIND HOLE, 5PTS STAR 3/8-16UNC 3/4 STUD
18	1	011151 VGS BELT Gear Belt 3/8" Pitch x 3/4" Wide x 28.50
19	4	011192 VGS BRG IPTCI UCP 204-12Bearing, Pillow Block, 3/4" Bore
20	1	013397 VGS CAN Chain Roller #40 (44 Links+C/L)
21	2	013860 RR TRUARC 5105-00 EXT 1" SELF SEATING
22	1	013995 HDWSS (CART ITEM, DO NOT ORDER)Type 302 Stainless Steel, 1-1/2" Length, 3/8" OD, .048" Wire Dia.,
23	2	014247 VGS Flange Bushing 7/16 ID X 9/16 OD X 1/2 LG
24	3	014502 HDW (CART ITEM) FASTENAL 10034-12836 GROMMET 3/8" ID X 1/4" GRV X 1/2" GRV ID
25	2	015314 VGS RETAINING RING, SELF SEATING, EXT 1/4 R6100-25
26	1	016188 VGS FASTENAL 0166826 EXTENSION SPRING #75 0.75 OD, 0.062 Wire
27	3	017687 ROLLER AL 30"
28	1	094554 EM BALDOR VM3546 1.00 HP 56C
29	1	095837 VGS Spring Pin Slotted, 3/16 x 1" LG
30	1	097921 HDW (CI) 3/16" O.D. Rubber Vacuum Cap
31	1	097973 HDW (CI) AB6-6A BLIND RVT PKG
32	2	409469 HVF CRADLE ROLLER OPENING LOCK
33	1	413744 HVF PROX SENSOR CAM
34	4	414385 HVF IDLE ROLLER SHAFT - 31 5/16" LG
35	1	414852 HVF BRACKET DANCER ROLLER (FLR)
36	1	421884 IDLE ROLLER - 1.9 DIA X 4 5/8
37	1	430053 VGS HVF LATCH
38	1	430054 ASSY HINGE CRADLE ROLLER
39	1	431477 HVF GEARBELT PULLEY 12L075
40	1	431672 HVF GEARBELT PULLEY 26L075
41	1	431737 BOTTOM MANDREL
42	1	432322 HVF BOTTOM SPOOL WASHER
43	2	432323 HVF SPOOL, PLASTIC
44	1	434017 FLX SPRK 40B8/32L075 WELDMENT
45	1	434077 VGS HVF Top Mandrel (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	450525 INSTA THREAD CARRIAGE ABS COVER
51	1	450578 CRADLE ROLLER SHELL WELDING
52	1	450741 DANCER ROLLER ASSY -30
53	1	452084 IDLE ROLLER - 1.9 DIA X 26 5/8
54	1	452087 BRUSH ASSY - 30" CARRIAGE
55	1	452729 VGS HVF Photo High Channel
56	1	731114 HDW FD SONS OR EQUIV. N221-069
57	1	738058 MISC RUBBER ROLLER 2.75 DIA X 31" X 37" SHAFT (PER BEC DWG 0341702)
58	1	738059 MISC RUBBER ROLLER 2.75 DIA X 31" X 35.5 SHAFT (PER BEC DWG 0341703)

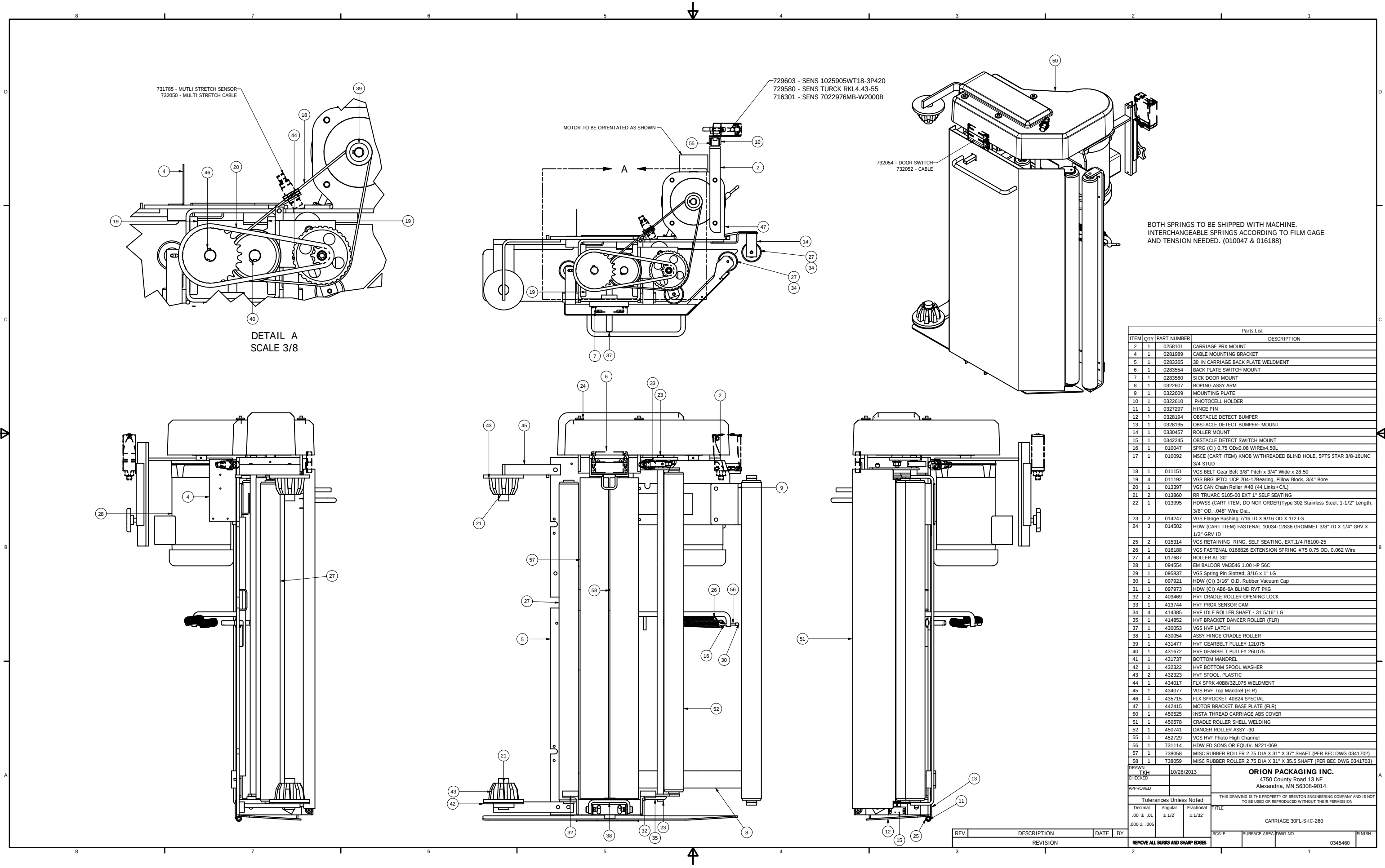
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CHECKED			
APPROVED			
Tolerances Unless Noted		THIS DRAWING IS THE PROPERTY OF BRENTON ENGINEERING COMPANY AND IS NOT TO BE USED OR REPRODUCED WITHOUT THEIR PERMISSION	
Decimal .00 ± .01 000 ± .005	Angular ± 1/2°	Fractional ± 1/32"	TITLE CARRIAGE 30FL-S-IC-260
REMOVE ALL BURRS AND SHARP EDGES		SCALE	SURFACE AREA DWG NO 0344293
			FINISH



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	D0247113	HVA CHANNEL GUIDE
2	2	0255746	film brush HOLDER END
3	1	0258101	CARRIAGE PRX MOUNT
4	1	0261641-1	FILM BRUSH HOLDER
5	1	0281989	CABLE MOUNTING BRACKET
6	1	0283365	30 IN CARRIAGE BACK PLATE WELDMENT
7	1	0283554	BACK PLATE SWITCH MOUNT
8	1	0283560	SICK DOOR MOUNT
9	2	0303880	ROPING ROLLER
10	1	0304479	ROLLER CHANNEL
11	1	0322607	ROPING ASSY ARM
12	1	0322609	MOUNTING PLATE
13	1	0322610	PHOTOCELL HOLDER
14	1	0327297	HINGE PIN
15	1	0328194	OBSTACLE DETECT BUMPER
16	1	0328195	OBSTACLE DETECT BUMPER- MOUNT
17	1	0330457	ROLLER MOUNT
18	1	0342245	OBSTACLE DETECT SWITCH MOUNT
19	1	0342706	ROLLER HOLDER
20	1	0342707	ROLLER HOLDER
21	1	010047	SPRG (CI) 0.75 ODx0.08 WIREx4.50L
22	3	010092	MSCE (CART ITEM) KNOB W/THREADED BLIND HOLE, 5PTS STAR 3/8-16UNC 3/4 STUD
23	1	011151	VGS BELT Gear Belt 3/8" Pitch x 3/4" Wide x 28.50
24	4	011192	VGS BRG IPTCI UCP 204-12Bearing, Pillow Block, 3/4" Bore
25	4	012611	Collar Steel, 1/2 Inch Bore
26	1	013397	VGS CAN Chain Roller #40 (44 Links+C/L)
27	2	013860	RR TRUARC 5105-00 EXT 1" SELF SEATING
28	1	013995	HDWSS (CART ITEM, DO NOT ORDER)Type 302 Stainless Steel, 1-1/2" Length, 3/8" OD, .048" Wire Dia.,
29	2	014247	VGS Flange Bushing 7/16 ID X 9/16 OD X 1/2 LG
30	3	014502	HDW (CART ITEM) FASTENAL 10034-12836 GROMMET 3/8" ID X 1/4" GRV X 1/2" GRV ID
31	2	015314	VGS RETAINING RING, SELF SEATING, EXT 1/4 R6100-25
32	1	016188	VGS FASTENAL 0166826 EXTENSION SPRING #75 0.75 OD, 0.062 Wire
33	3	017687	ROLLER AL 30"
34	1	094554	EM BALDOR VM3546 1.00 HP 56C
35	1	095837	VGS Spring Pin Slotted, 3/16 x 1" LG
36	1	097921	HDW (CI) 3/16" O.D. Rubber Vacuum Cap
37	1	097973	HDW (CI) AB6-6A BLIND RVT PKG
38	2	409469	HVF CRADLE ROLLER OPENING LOCK
39	1	413744	HVF PROX SENSOR CAM
40	4	414385	HVF IDLE ROLLER SHAFT - 31 5/16" LG
41	1	414852	HVF BRACKET DANCER ROLLER (FLR)
42	1	421884	IDLE ROLLER - 1.9 DIA X 4 5/8
43	1	430053	VGS HVF LATCH
44	1	430054	ASSY HINGE CRADLE ROLLER
45	1	431477	HVF GEARBELT PULLEY 12L075
46	1	431672	HVF GEARBELT PULLEY 26L075
47	1	431737	BOTTOM MANDREL
48	1	432322	HVF BOTTOM SPOOL WASHER
49	2	432323	HVF SPOOL, PLASTIC
50	1	434017	FLX SPRK 40B8/32L075 WELDMENT
51	1	434077	VGS HVF Top Mandrel (FLR)
52	1	435715	FLX SPROCKET 40B24 SPECIAL
53	1	442415	MOTOR BRACKET BASE PLATE (FLR)
54	1	443421	FLX P-ASSY FILM PUNCH DEVICE -INSTA THRD
55	1	443422	INSTA CUT PIN PROTECTOR
56	1	450525	INSTA THREAD CARRIAGE ABS COVER
57	1	450578	CRADLE ROLLER SHELL WELDING
58	1	450741	DANCER ROLLER ASSY -30
59	1	452084	IDLE ROLLER - 1.9 DIA X 26 5/8
60	1	452087	BRUSH ASSY - 30" CARRIAGE
61	1	452729	VGS HVF Photo High Channel
62	1	731114	HDW FD SONS OR EQUIV. N221-069
63	1	738058	MISC RUBBER ROLLER 2.75 DIA X 31" X 37" SHAFT (PER BEC DWG 0341702)
64	1	738059	MISC RUBBER ROLLER 2.75 DIA X 31" X 35.5 SHAFT (PER BEC DWG 0341703)

DRAWN	msagedahl	9/27/2013
CHECKED		
APPROVED		
Tolerances Unless Noted		
Decimal	Angular	Fractional
.00 ± .01	± 1/2°	± 1/32"
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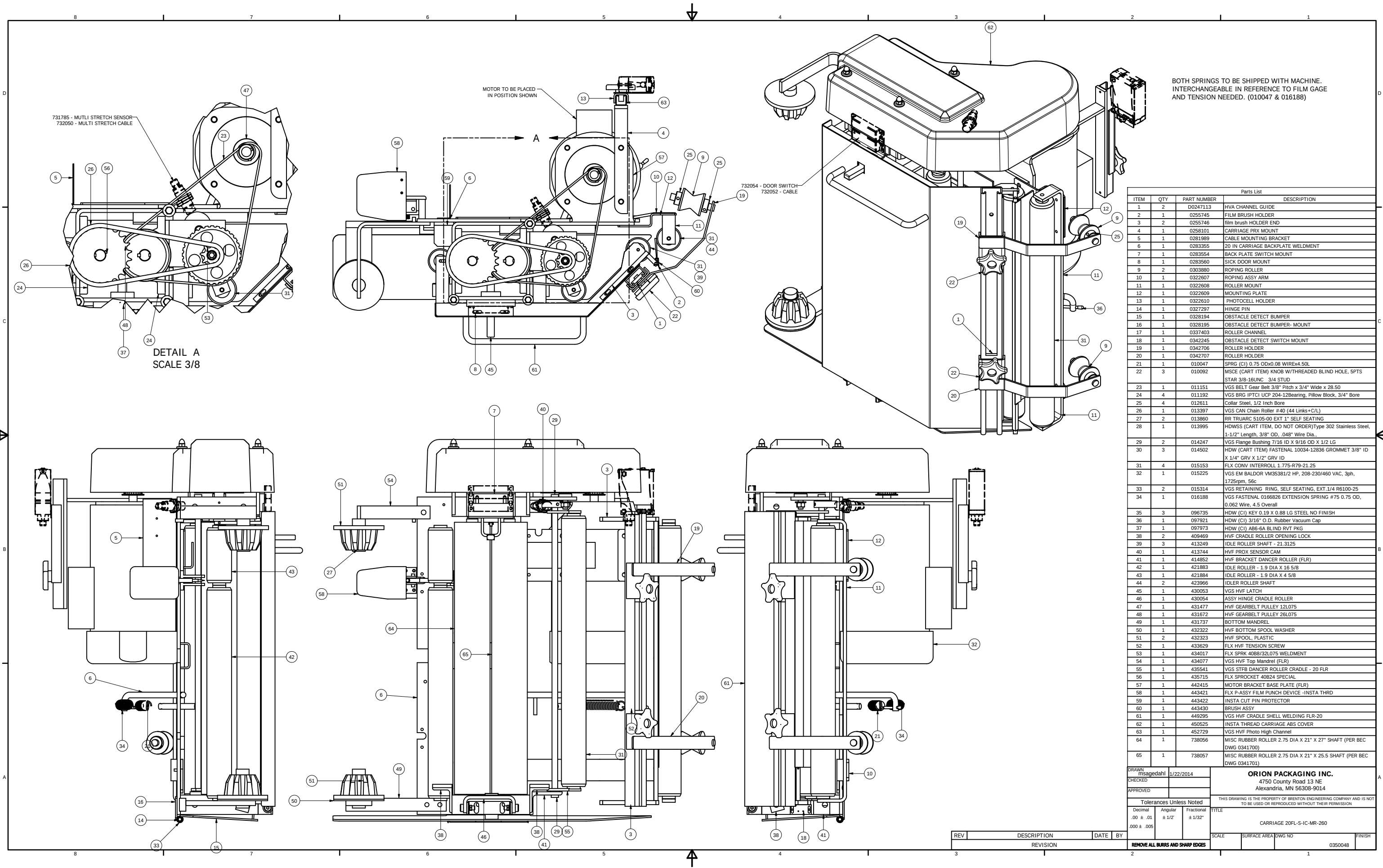
REMOVE ALL BURRS AND SHARP EDGES

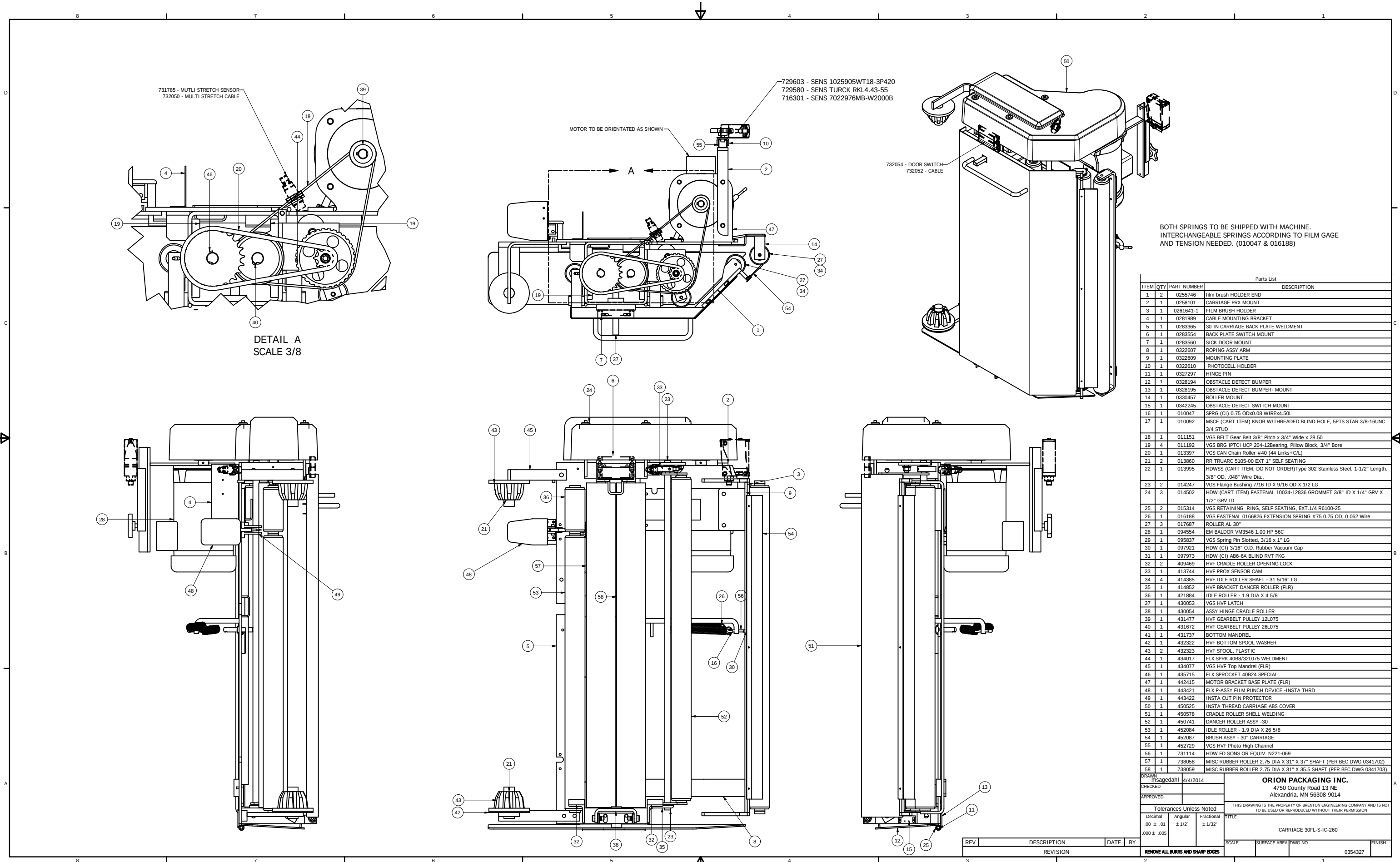


BOTH SPRINGS TO BE SHIPPED WITH MACHINE.
INTERCHANGEABLE SPRINGS ACCORDING TO FILM GAGE
AND TENSION NEEDED. (010047 & 016188)

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
2	1	0258101	CARRIAGE PRX MOUNT
4	1	0281989	CABLE MOUNTING BRACKET
5	1	0283365	30 IN CARRIAGE BACK PLATE WELDMENT
6	1	0283554	BACK PLATE SWITCH MOUNT
7	1	0283560	SICK DOOR MOUNT
8	1	0322607	ROPING ASSY ARM
9	1	0322609	MOUNTING PLATE
10	1	0322610	PHOTOCELL HOLDER
11	1	0327297	HINGE PIN
12	1	0328194	OBSTACLE DETECT BUMPER
13	1	0328195	OBSTACLE DETECT BUMPER- MOUNT
14	1	0330457	ROLLER MOUNT
15	1	0342245	OBSTACLE DETECT SWITCH MOUNT
16	1	010047	SPRG (CI) 0.75 ODx0.08 WIREx4-50L
17	1	010092	MSCE (CART ITEM) KNOB W/THREADED BLIND HOLE, 5PTS STAR 3/8-16UNC 3/4 STUD
18	1	011151	VGS BELT Gear Belt 3/8" Pitch x 3/4" Wide x 28.50
19	4	011192	VGS BRG IPTCI UCP 204-12Bearing, Pillow Block, 3/4" Bore
20	1	013397	VGS CAN Chain Roller #40 (44 Links+CIL)
21	2	013860	RR TRUARC 5105-00 EXT 1" SELF SEATING
22	1	013995	HDWSS (CART ITEM, DO NOT ORDER)Type 302 Stainless Steel, 1-1/2" Length, 3/8" OD, .048" Wire Dia.,
23	2	014247	VGS Flange Bushing 7/16 ID X 9/16 OD X 1/2 LG
24	3	014502	HDW (CART ITEM) FASTENAL 10034-12836 GROMMET 3/8" ID X 1/4" GRV X 1/2" GRV ID
25	2	015314	VGS RETAINING RING, SELF SEATING, EXT.1/4 R6100-25
26	1	016188	VGS FASTENAL 0166826 EXTENSION SPRING #75 0.75 OD, 0.062 Wire
27	4	017687	ROLLER AL 30"
28	1	094554	EM BALDOR VM3546 1.00 HP 56C
29	1	095837	VGS Spring Pin Slotted, 3/16 x 1" LG
30	1	097921	HDW (CI) 3/16" O.D. Rubber Vacuum Cap
31	1	097973	HDW (CI) AB6-6A BLIND RVT PKG
32	2	409469	HVF CRADLE ROLLER OPENING LOCK
33	1	413744	HVF PROX SENSOR CAM
34	4	414385	HVF IDLE ROLLER SHAFT - 31 5/16" LG
35	1	414852	HVF BRACKET DANCER ROLLER (FLR)
37	1	430053	VGS HVF LATCH
38	1	430054	ASSY HINGE CRADLE ROLLER
39	1	431477	HVF GEARBELT PULLEY 12L075
40	1	431672	HVF GEARBELT PULLEY 26L075
41	1	431737	BOTTOM MANDREL
42	1	432322	HVF BOTTOM SPOOL WASHER
43	2	432323	HVF SPOOL, PLASTIC
44	1	434017	FLX SPRK 40B8/32L075 WELDMENT
45	1	434077	VGS HVF Top Mandrel (FLR)
46	1	435715	FLX SPROCKET 40B24 SPECIAL
47	1	442415	MOTOR BRACKET BASE PLATE (FLR)
50	1	450525	INSTA THREAD CARRIAGE ABS COVER
51	1	450578	CRADLE ROLLER SHELL WELDING
52	1	450741	DANCER ROLLER ASSY -30
55	1	452729	VGS HVF Photo High Channel
56	1	731114	HDW FD SONS OR EQUIV. N221-069
57	1	738058	MISC RUBBER ROLLER 2.75 DIA X 31" X 37" SHAFT (PER BEC DWG 0341702)
58	1	738059	MISC RUBBER ROLLER 2.75 DIA X 31" X 35.5 SHAFT (PER BEC DWG 0341703)

DRAWN	TKH	10/28/2013	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 30FL-S-IC-260	
.000 ± .005			SCALE	SURFACE AREA DWG NO FINISH
REMOVE ALL BURRS AND SHARP EDGES				0345460

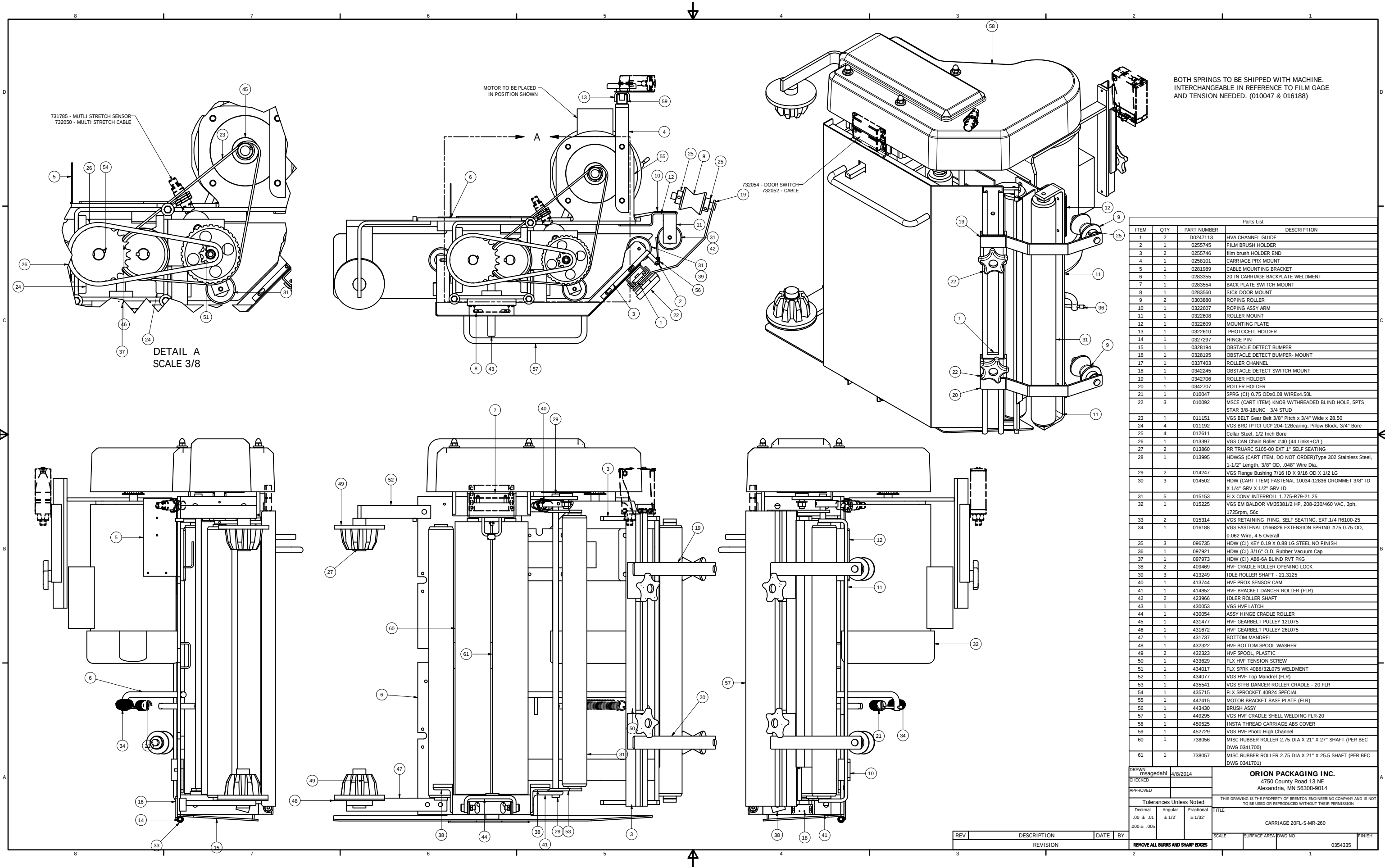


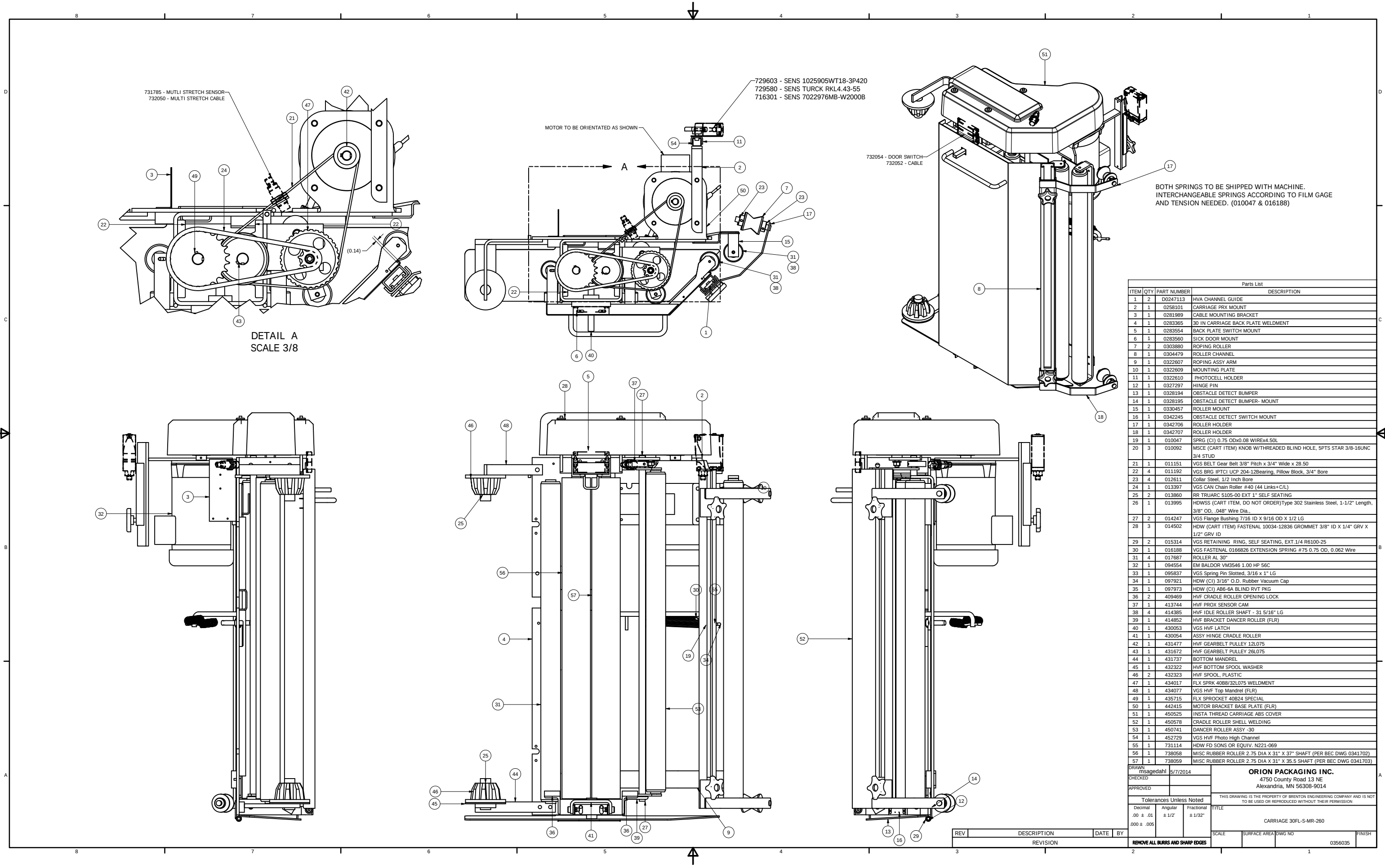


BOTH SPRINGS TO BE SHIPPED WITH MACHINE.
INTERCHANGEABLE SPRINGS ACCORDING TO FILM GAGE
AND TENSION NEEDED. (010047 & 016188)

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	0255746	film brush HOLDER END
2	1	0258101	CARRIAGE PRX MOUNT
3	1	0261641-1	FILM BRUSH HOLDER
4	1	0281989	CABLE MOUNTING BRACKET
5	1	0283365	30 IN CARRIAGE BACK PLATE WELDMENT
6	1	0283554	BACK PLATE SWITCH MOUNT
7	1	0283560	SICK DOOR MOUNT
8	1	0322607	ROPING ASSY ARM
9	1	0322609	MOUNTING PLATE
10	1	0322610	PHOTOCELL HOLDER
11	1	0327297	HINGE PIN
12	1	0328194	OBSTACLE DETECT BUMPER
13	1	0328195	OBSTACLE DETECT BUMPER- MOUNT
14	1	0330457	ROLLER MOUNT
15	1	0342245	OBSTACLE DETECT SWITCH MOUNT
16	1	010047	SPRG (CI) 0.75 ODx0.08 WIREx4.50L
17	1	010092	MSCE (CART ITEM) KNOB W/THREADED BLIND HOLE, 5PTS STAR 3/8-16UNC 3/4 STUD
18	1	011151	VGS BELT Gear Belt 3/8" Pitch x 3/4" Wide x 28.50
19	4	011192	VGS BRG IPTCI UCP 204-12Bearing, Pillow Block, 3/4" Bore
20	1	013397	VGS CAN Chain Roller #40 (44 Links+C/L)
21	2	013860	RR TRUIARC 5105-00 EXT 1" SELF SEATING
22	1	013995	HDWSS (CART ITEM, DO NOT ORDER)Type 302 Stainless Steel, 1-1/2" Length, 3/8" OD, .048" Wire Dia.,
23	2	014247	VGS Flange Bushing 7/16 ID X 9/16 OD X 1/2 LG
24	3	014502	HDW (CART ITEM) FASTENAL 10034-12836 GROMMET 3/8" ID X 1/4" GRV X 1/2" GRV ID
25	2	015314	VGS RETAINING RING, SELF SEATING, EXT 1/4 R6100-25
26	1	016188	VGS FASTENAL 0166826 EXTENSION SPRING #75 0.75 OD, 0.062 Wire
27	3	017687	ROLLER AL 30"
28	1	094554	EM BALDOR VM3546 1.00 HP 56C
29	1	095837	VGS Spring Pin Slotted, 3/16 x 1" LG
30	1	097921	HDW (CI) 3/16" O.D. Rubber Vacuum Cap
31	1	097973	HDW (CI) AB6-6A BLIND RVT PKG
32	2	409469	HVF CRADLE ROLLER OPENING LOCK
33	1	413744	HVF PROX SENSOR CAM
34	4	414385	HVF IDLE ROLLER SHAFT - 31 5/16" LG
35	1	414852	HVF BRACKET DANCER ROLLER (FLR)
36	1	421884	IDLE ROLLER - 1.9 DIA X 4 5/8
37	1	430053	VGS HVF LATCH
38	1	430054	ASSY HINGE CRADLE ROLLER
39	1	431477	HVF GEARBELT PULLEY 12L075
40	1	431672	HVF GEARBELT PULLEY 26L075
41	1	431737	BOTTOM MANDREL
42	1	432322	HVF BOTTOM SPOOL WASHER
43	2	432323	HVF SPOOL, PLASTIC
44	1	434017	FLX SPRK 40B8/32L075 WELDMENT
45	1	434077	VGS HVF Top Mandrel (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	450525	INSTA THREAD CARRIAGE ABS COVER
51	1	450578	CRADLE ROLLER SHELL WELDING
52	1	450741	DANCER ROLLER ASSY -30
53	1	452084	IDLE ROLLER - 1.9 DIA X 26 5/8
54	1	452087	BRUSH ASSY - 30" CARRIAGE
55	1	452729	VGS HVF Photo High Channel
56	1	731114	HDW FD SONS OR EQUIV. N221-069
57	1	738058	MISC RUBBER ROLLER 2.75 DIA X 31" X 37" SHAFT (PER BEC DWG 0341702)
58	1	738059	MISC RUBBER ROLLER 2.75 DIA X 31" X 35.5 SHAFT (PER BEC DWG 0341703)

DRAWN msagedahl 4/4/2014		ORION PACKAGING INC. 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					
Decimal .00 ± .01 0.00 ± .005	Angular ± 1/2° ± 1/32°			TITLE CARRIAGE 30FL-S-IC-260	
REVISION				SCALE	SURFACE AREA DWG NO 0354327
REV		DESCRIPTION	DATE	BY	FINISH





Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	D0247113	HVA CHANNEL GUIDE
2	1	0258101	CARRIAGE PRX MOUNT
3	1	0281989	CABLE MOUNTING BRACKET
4	1	0283365	30 IN CARRIAGE BACK PLATE WELDMENT
5	1	0283554	BACK PLATE SWITCH MOUNT
6	1	0283560	SICK DOOR MOUNT
7	2	0303880	ROPING ROLLER
8	1	0304479	ROLLER CHANNEL
9	1	0322607	ROPING ASSY ARM
10	1	0322609	MOUNTING PLATE
11	1	0322610	PHOTOCELL HOLDER
12	1	0327297	HINGE PIN
13	1	0328194	OBSTACLE DETECT BUMPER
14	1	0328195	OBSTACLE DETECT BUMPER- MOUNT
15	1	0330457	ROLLER MOUNT
16	1	0342245	OBSTACLE DETECT SWITCH MOUNT
17	1	0342706	ROLLER HOLDER
18	1	0342707	ROLLER HOLDER
19	1	010047	SPRG (CI) 0.75 ODx0.08 WIREx4-50L
20	3	010092	MSCE (CART ITEM) KNOB W/THREADED BLIND HOLE, 5PTS STAR 3/8-16UNC 3/4 STUD
21	1	011151	VGS BELT Gear Belt 3/8" Pitch x 3/4" Wide x 28.50
22	4	011192	VGS BRG IPTCI UCP 204-12Bearing, Pillow Block, 3/4" Bore
23	4	012611	Collar Steel, 1/2 Inch Bore
24	1	013397	VGS CAN Chain Roller #40 (44 Links+C/L)
25	2	013860	RR TRUARC 5105-00 EXT 1" SELF SEATING
26	1	013995	HDWSS (CART ITEM, DO NOT ORDER)Type 302 Stainless Steel, 1-1/2" Length, 3/8" OD, .048" Wire Dia.,
27	2	014247	VGS Flange Bushing 7/16 ID X 9/16 OD X 1/2 LG
28	3	014502	HDW (CART ITEM) FASTENAL 10034-12836 GROMMET 3/8" ID X 1/4" GRV X 1/2" GRV ID
29	2	015314	VGS RETAINING RING, SELF SEATING, EXT.1/4 R6100-25
30	1	016188	VGS FASTENAL 0166826 EXTENSION SPRING #75 0.75 OD, 0.062 Wire
31	4	017687	ROLLER AL 30"
32	1	094554	EM BALDOR VM3546 1.00 HP 56C
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35	1	097973	HDW (CI) AB6-6A BLIND RVT PKG
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37	1	413744	HVF PROX SENSOR CAM
38	4	414385	HVF IDLE ROLLER SHAFT - 31 5/16" LG
39	1	414852	HVF BRACKET DANCER ROLLER (FLR)
40	1	430053	VGS HVF LATCH
41	1	430054	ASSY HINGE CRADLE ROLLER
42	1	431477	HVF GEARBELT PULLEY 12L075
43	1	431672	HVF GEARBELT PULLEY 26L075
44	1	431737	BOTTOM MANDREL
45	1	432322	HVF BOTTOM SPOOL WASHER
46	2	432323	HVF SPOOL, PLASTIC
47	1	434017	FLX SPRK 40B8/32L075 WELDMENT
48	1	434077	VGS HVF Top Mandrel (FLR)
49	1	435715	FLX SPROCKET 40B24 SPECIAL
50	1	442415	MOTOR BRACKET BASE PLATE (FLR)
51	1	450525	INSTA THREAD CARRIAGE ABS COVER
52	1	450578	CRADLE ROLLER SHELL WELDING
53	1	450741	DANCER ROLLER ASSY -30
54	1	452729	VGS HVF Photo High Channel
55	1	731114	HDW FD SONS OR EQUIV. N221-069
56	1	738058	MISC RUBBER ROLLER 2.75 DIA X 31" X 37" SHAFT (PER BEC DWG 0341702)
57	1	738059	MISC RUBBER ROLLER 2.75 DIA X 31" X 35.5 SHAFT (PER BEC DWG 0341703)

DRAWN
msagedahl
5/7/2014

CHECKED

APPROVED

Tolerances Unless Noted

Decimal	Angular	Fractional
.00 ± .01	± 1/2°	± 1/32"
0.00 ± .005		

REVISION

REV	DESCRIPTION	DATE	BY

ORION PACKAGING INC.

4750 County Road 13 NE

Alexandria, MN 56308-9014

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TITLE

CARRIAGE 30FL-S-MR-260

SCALE

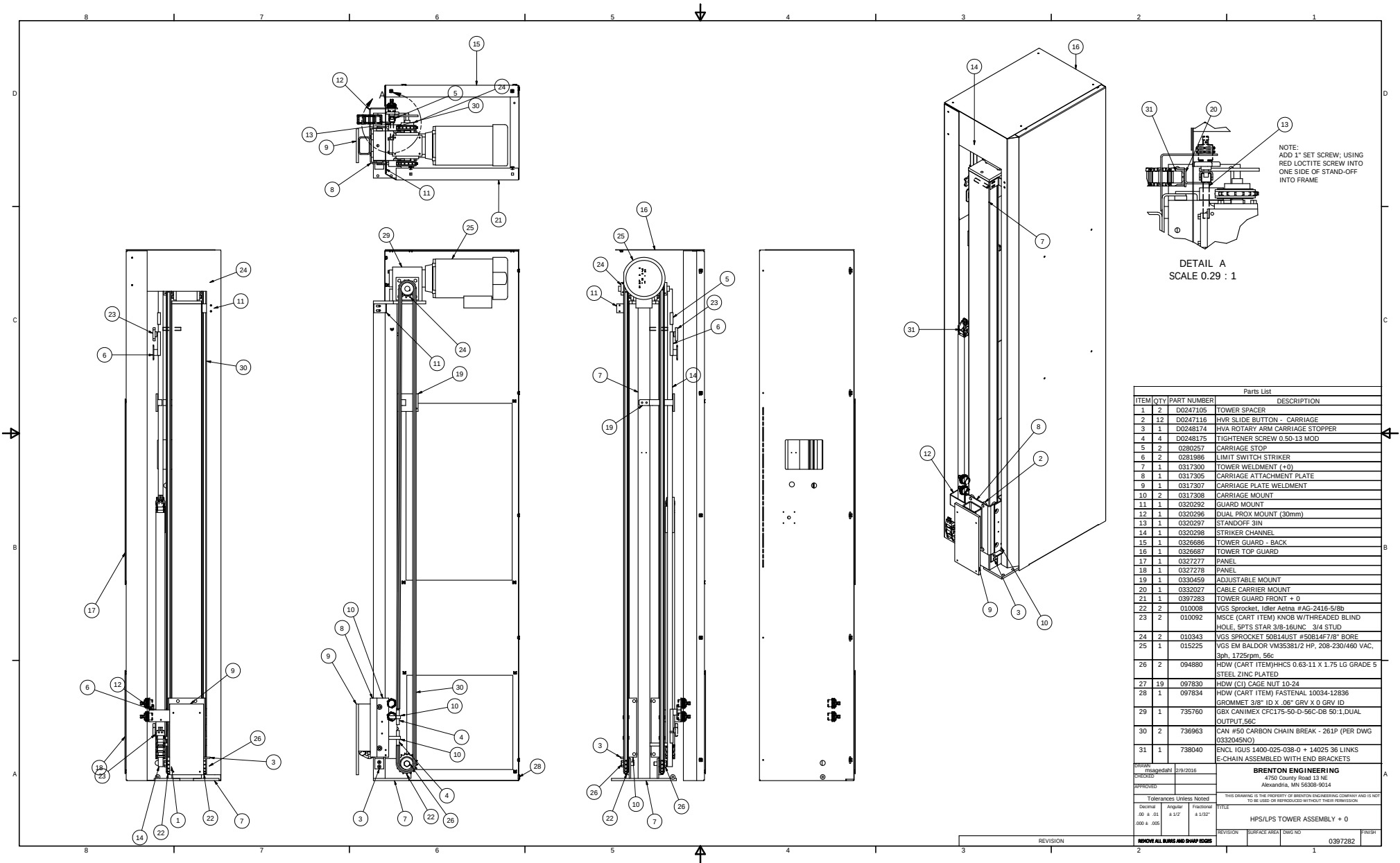
SURFACE AREA

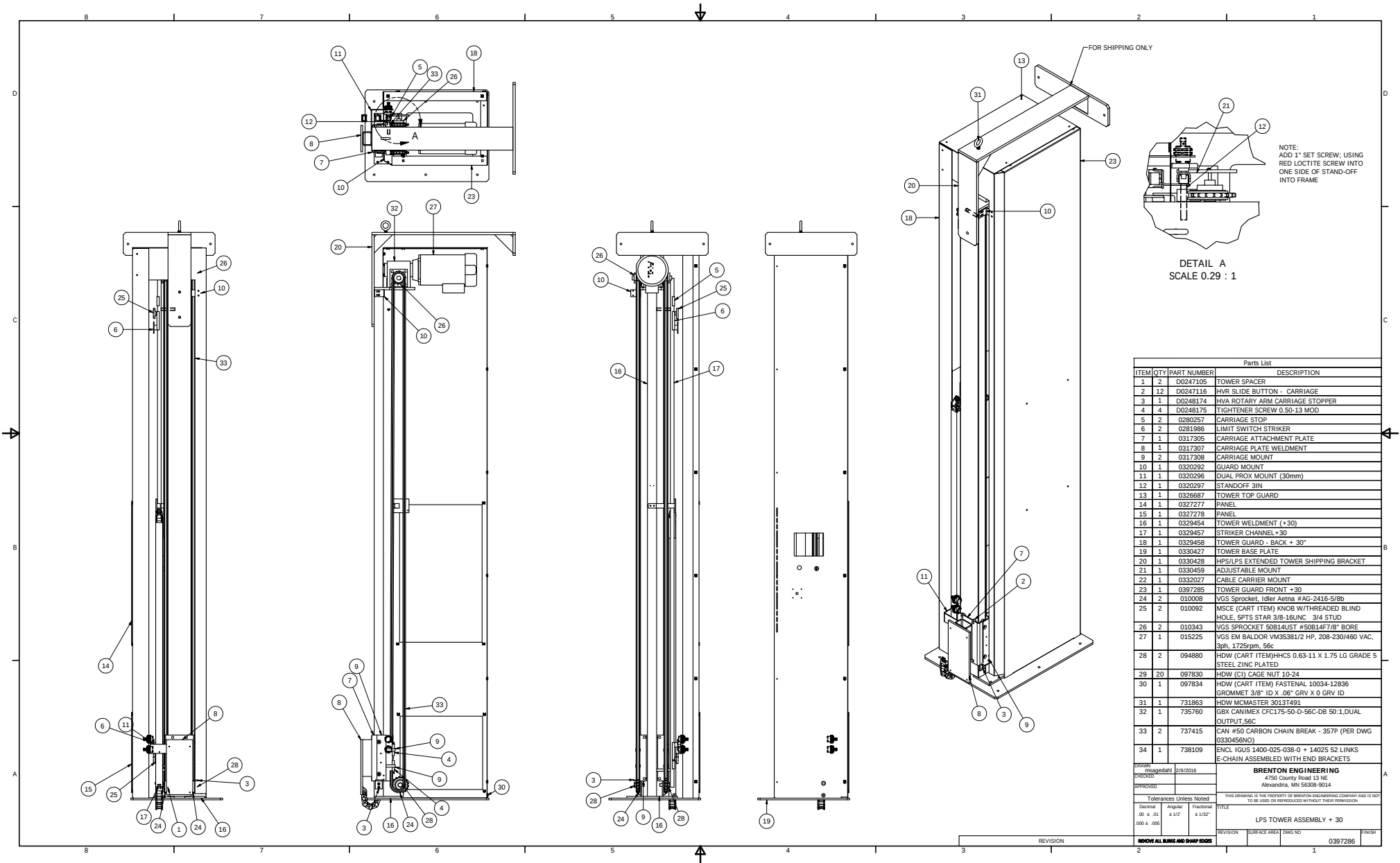
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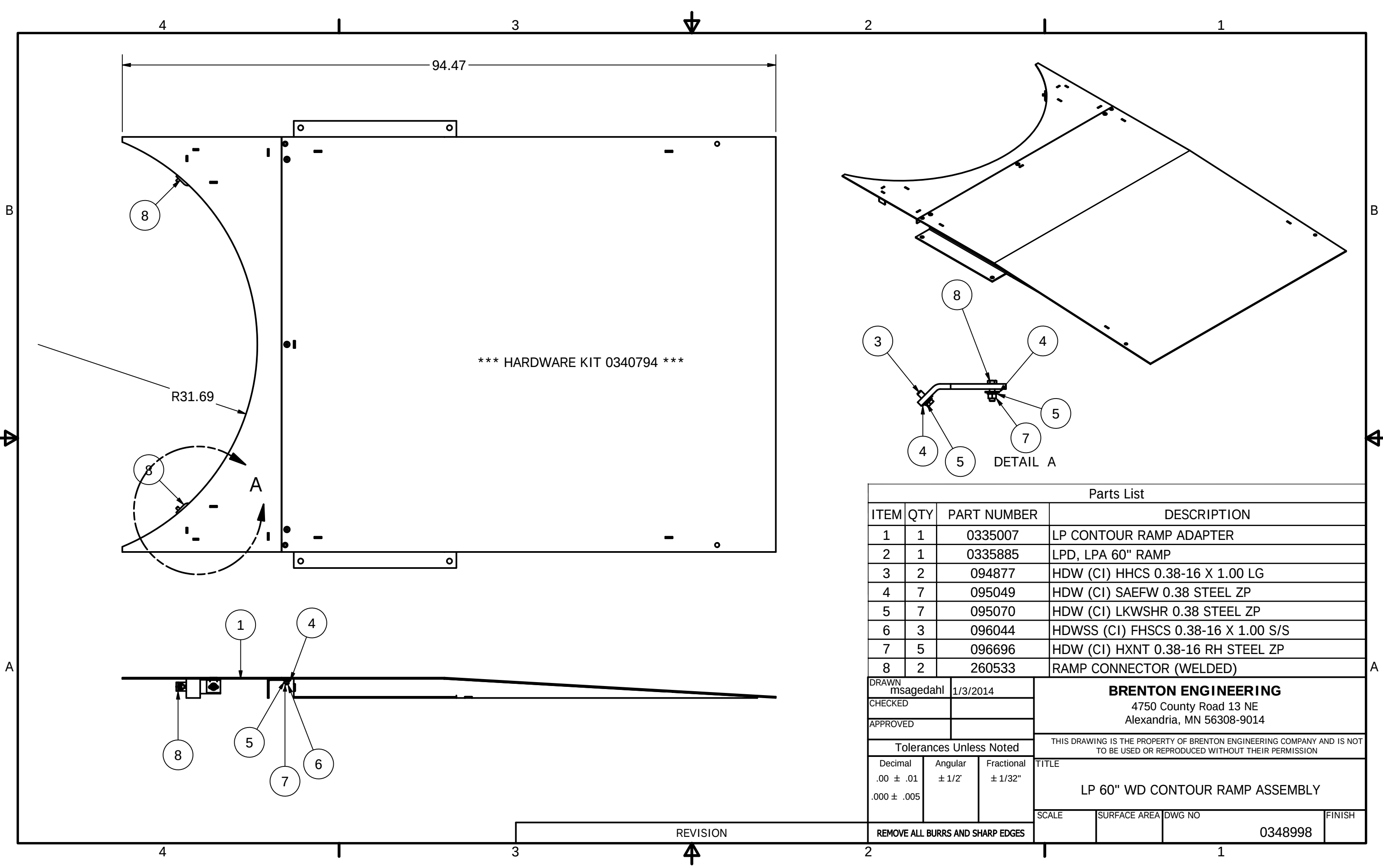
0356035

FINISH

REMOVE ALL BURRS AND SHARP EDGES

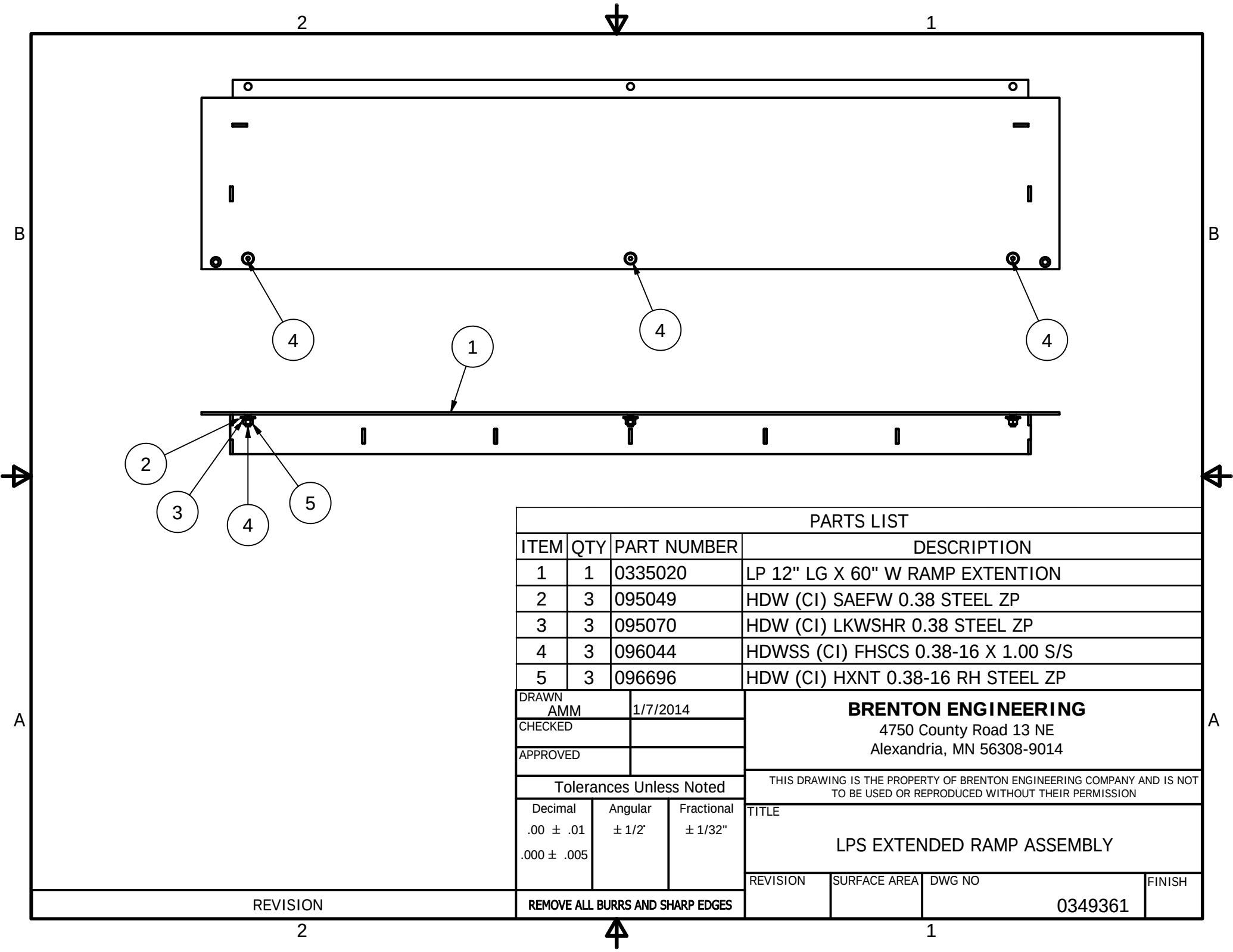






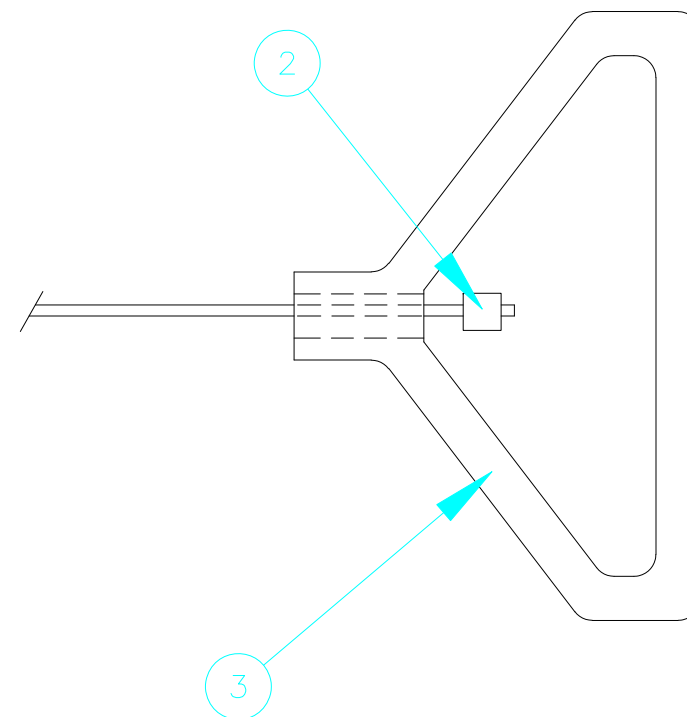
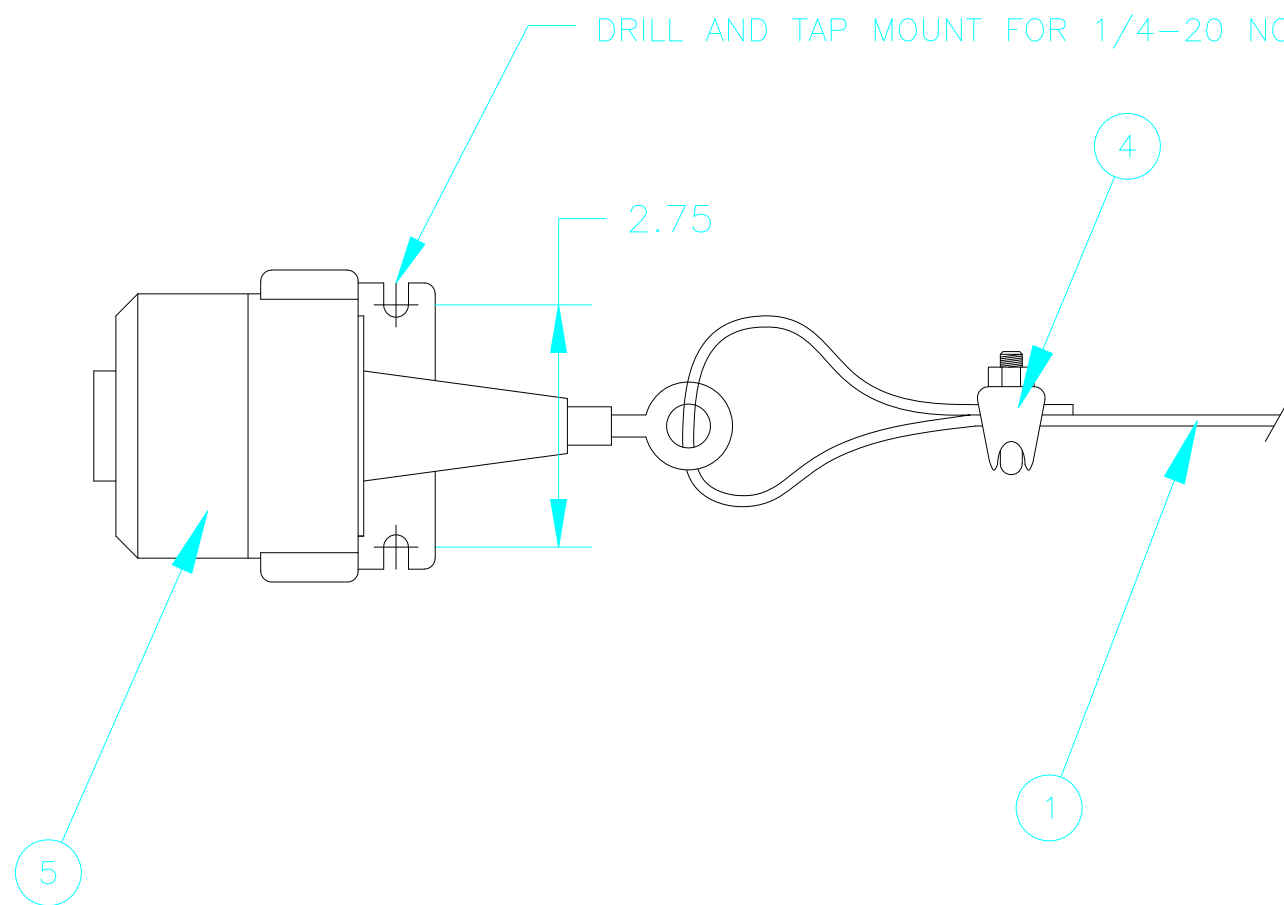
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	0335007	LP CONTOUR RAMP ADAPTER
2	1	0335885	LPD, LPA 60" RAMP
3	2	094877	HDW (CI) HHCS 0.38-16 X 1.00 LG
4	7	095049	HDW (CI) SAEFW 0.38 STEEL ZP
5	7	095070	HDW (CI) LKWSHR 0.38 STEEL ZP
6	3	096044	HDWSS (CI) FHSCS 0.38-16 X 1.00 S/S
7	5	096696	HDW (CI) HXNT 0.38-16 RH STEEL ZP
8	2	260533	RAMP CONNECTOR (WELDED)

DRAWN msagedahl		1/3/2014		BRENTON ENGINEERING 4750 County Road 13 NE Alexandria, MN 56308-9014							
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APPROVED											
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Decimal .00 ± .01 .000 ± .005		Angular ± 1/2°		Fractional ± 1/32"		TITLE LP 60" WD CONTOUR RAMP ASSEMBLY					
REMOVE ALL BURRS AND SHARP EDGES				SCALE		SURFACE AREA		DWG NO 0348998		FINISH	



PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	0335020	LP 12" LG X 60" W RAMP EXTENTION	
2	3	095049	HDW (CI) SAEFW 0.38 STEEL ZP	
3	3	095070	HDW (CI) LKWSHR 0.38 STEEL ZP	
4	3	096044	HDWSS (CI) FHSCS 0.38-16 X 1.00 S/S	
5	3	096696	HDW (CI) HXNT 0.38-16 RH STEEL ZP	
DRAWN AMM		1/7/2014	BRENTON ENGINEERING 4750 County Road 13 NE Alexandria, MN 56308-9014	
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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 LPS EXTENDED RAMP ASSEMBLY	
REVISION		SURFACE AREA	DWG NO	FINISH
REMOVE ALL BURRS AND SHARP EDGES			0349361	

REMOVE ALL BURRS AND SHARP EDGES



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	DATE: 1/15/08
ANGULAR ± 1/2°	Finish:		REMOVE ALL BURRS AND SHARP EDGES	Drawing No: D0244789

No.	ECO #	Description	Date	By
REVISION				

Surface Area: