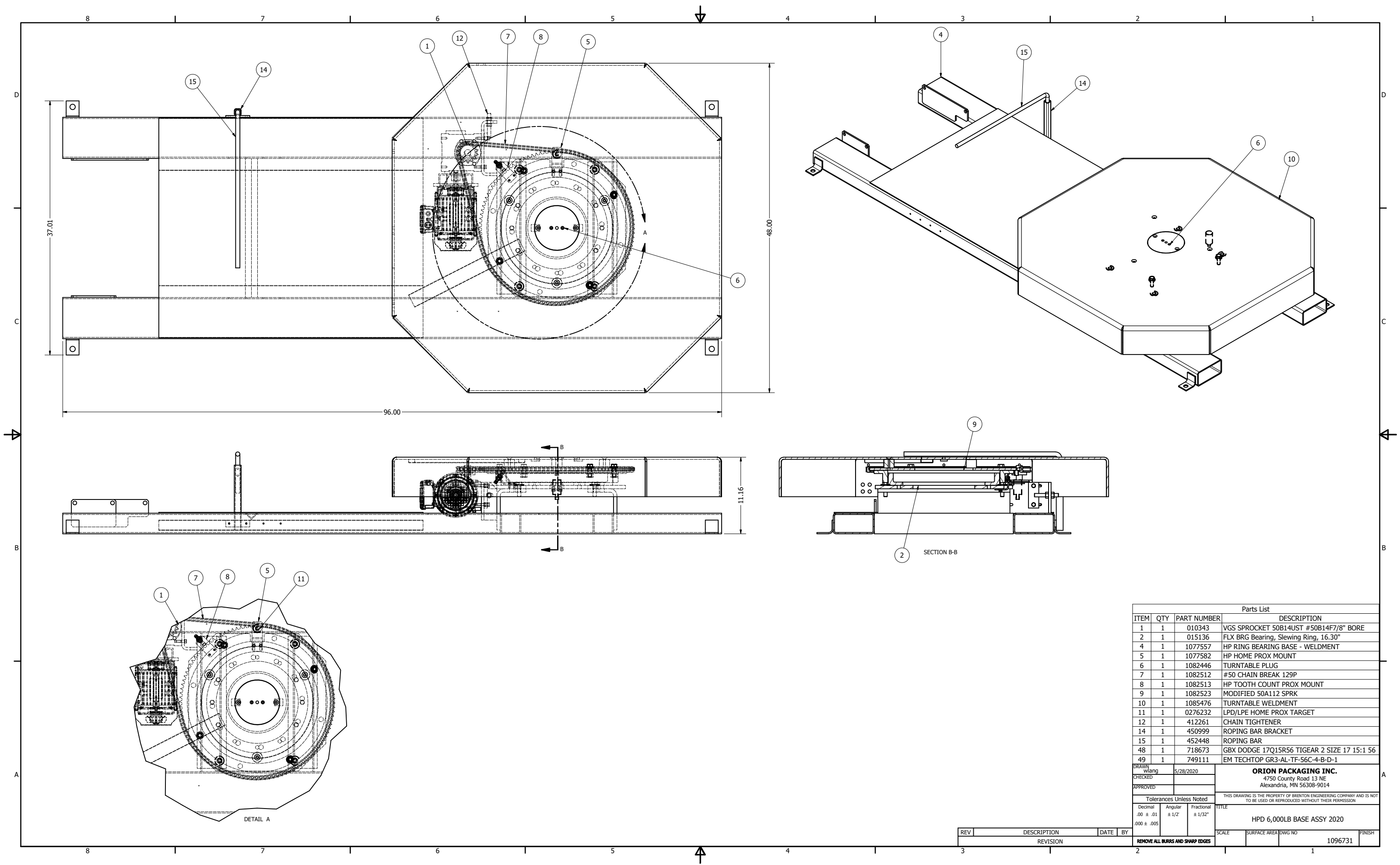
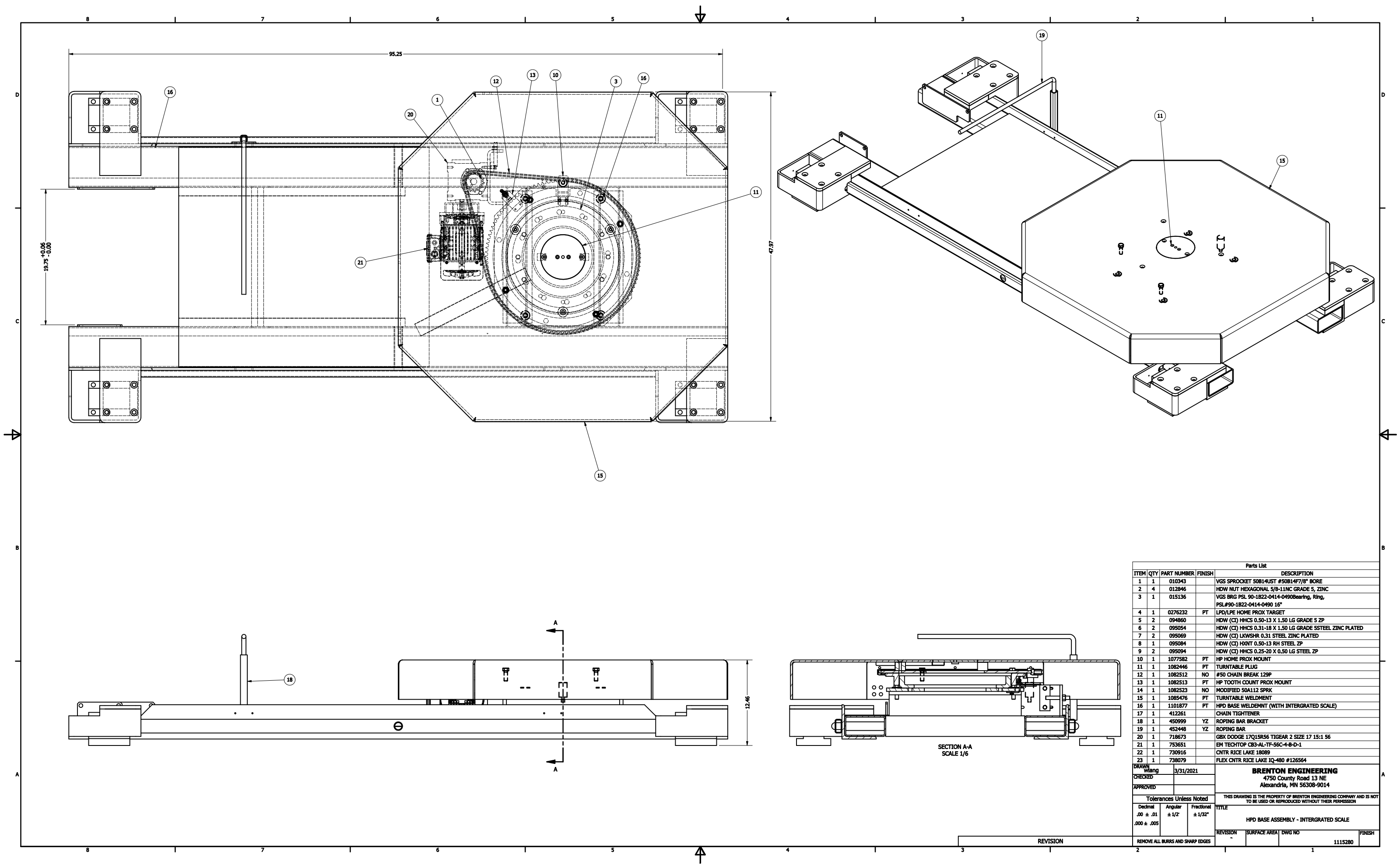


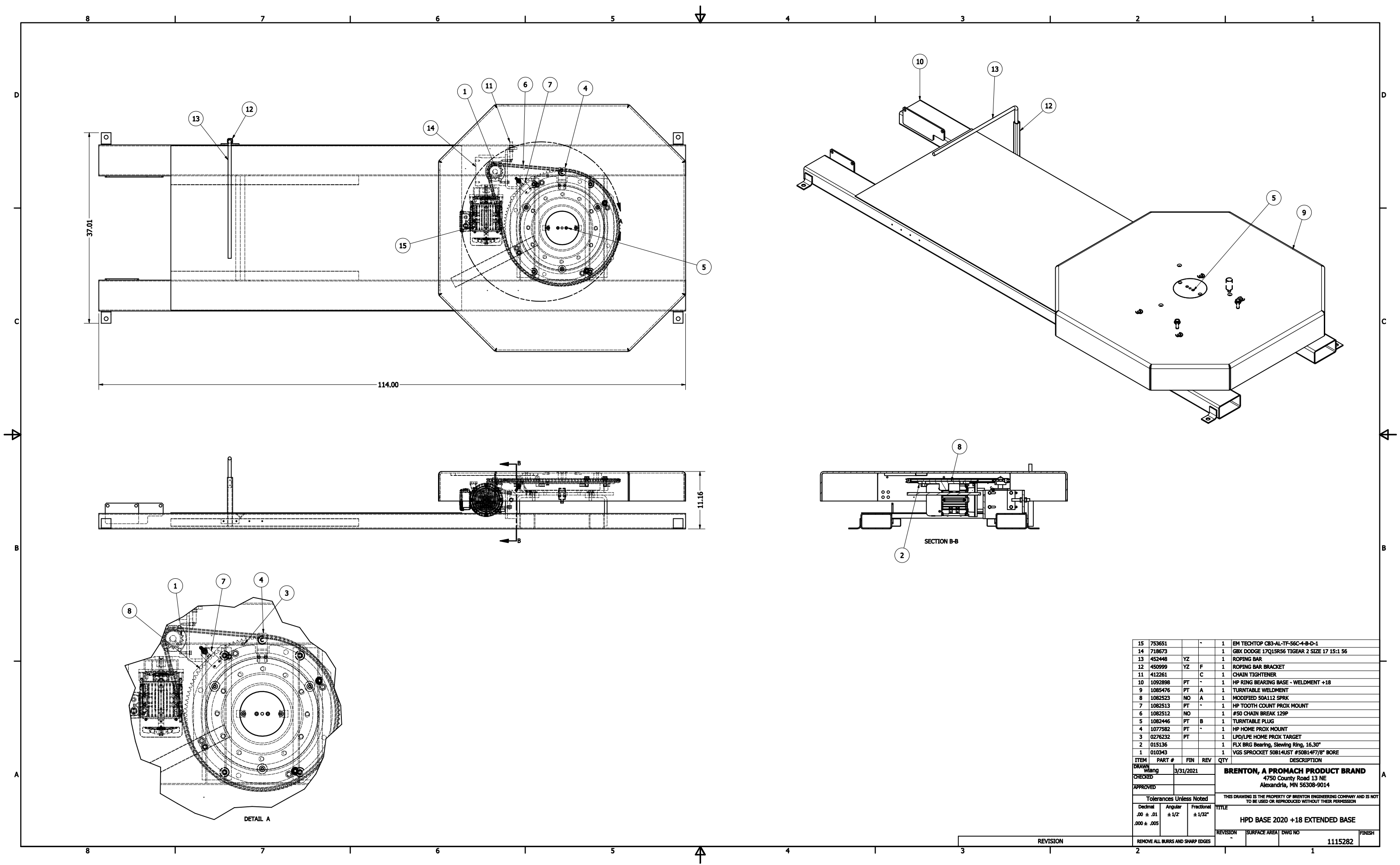


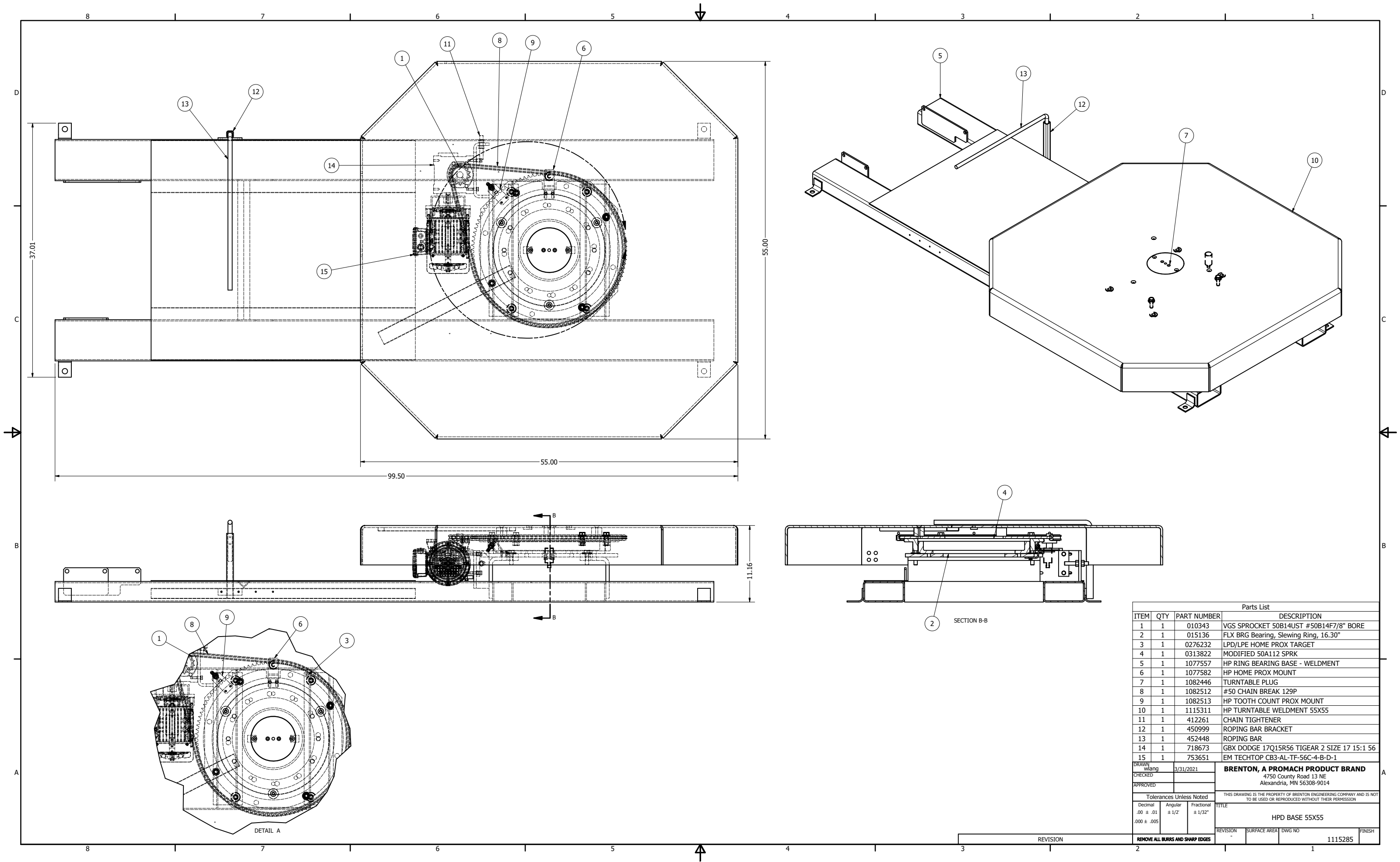
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	010343	VGS SPROCKET 50B14UST #50B14F7/8" BORE
2	1	015136	FLX BRG Bearing, Slewing Ring, 16.30"
4	1	1077557	HP RING BEARING BASE - WELDMENT
5	1	1077582	HP HOME PROX MOUNT
6	1	1082446	TURNABLE PLUG
7	1	1082512	#50 CHAIN BREAK 129P
8	1	1082513	HP TOOTH COUNT PROX MOUNT
9	1	1082523	MODIFIED 50A112 SPRK
10	1	1085476	TURNABLE WELDMENT
11	1	0276232	LPD/LPE HOME PROX TARGET
12	1	412261	CHAIN TIGHTENER
14	1	450999	ROPING BAR BRACKET
15	1	452448	ROPING BAR
48	1	718673	GBX DODGE 17Q15R56 TIGEAR 2 SIZE 17 15:1 56
49	1	749111	EM TECHTOP GR3-AL-TF-56C-4-B-D-1

DRAWN Wiang	5/28/2020	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 .000 ± .005	Angular ± 1/2°	Fractional ± 1/32"	TITLE HPD 6,000LB BASE ASSY 2020
REV	DESCRIPTION	DATE	BY
	REVISION		
REMOVE ALL BURRS AND SHARP EDGES		SCALE	SURFACE AREA DWG NO 1096731 FINISH

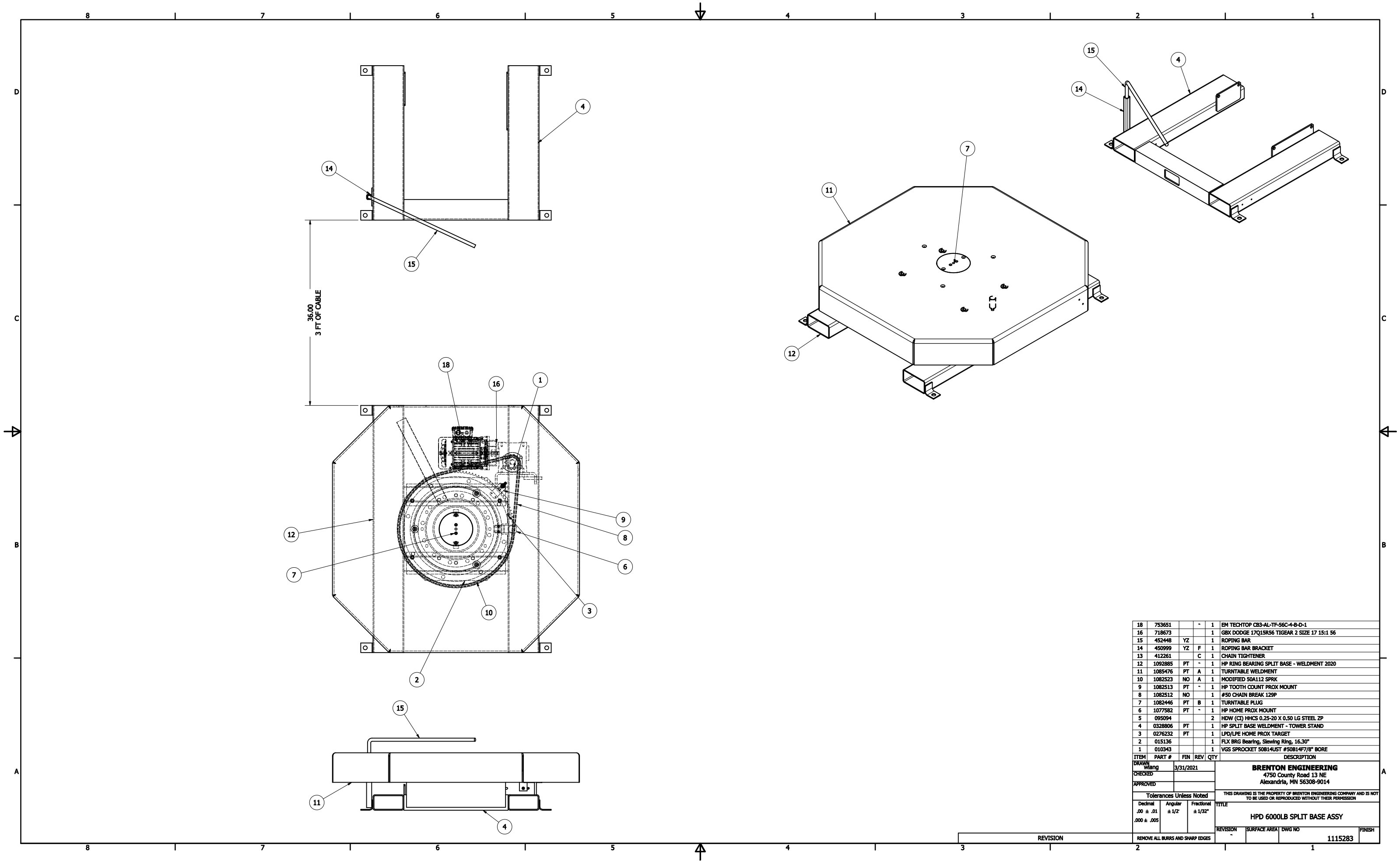


Parts List				
ITEM	QTY	PART NUMBER	FINISH	DESCRIPTION
1	1	010343		VGS SPROCKET 50814UST #50814F7/8" BORE
2	4	012846		HDW NUT HEXAGONAL 5/8-11NC GRADE 5, ZINC
3	1	015136		VGS BRG PSL 90-1822-0414-0490Bearing, Ring, PSL#90-1822-0414-0490 16"
4	1	0276232	PT	LPD/LPE HOME PROX TARGET
5	2	094860		HDW (CI) HHCS 0.50-13 X 1.50 LG GRADE 5 ZP
6	2	095054		HDW (CI) HHCS 0.31-18 X 1.50 LG GRADE SSTEEL ZINC PLATED
7	2	095069		HDW (CI) LKWSHR 0.31 STEEL ZINC PLATED
8	1	095084		HDW (CI) HXNT 0.50-13 RH STEEL ZP
9	2	095094		HDW (CI) HHCS 0.25-20 X 0.50 LG STEEL ZP
10	1	1077582	PT	HP HOME PROX MOUNT
11	1	1082446	PT	TURNABLE PLUG
12	1	1082512	NO	#50 CHAIN BREAK 129P
13	1	1082513	PT	HP TOOTH COUNT PROX MOUNT
14	1	1082523	NO	MODIFIED 50A112 SPRK
15	1	1085476	PT	TURNABLE WELDMENT
16	1	1101877	PT	HPD BASE WELDMENT (WITH INTEGRATED SCALE)
17	1	412261		CHAIN TIGHTENER
18	1	450999	YZ	ROPING BAR BRACKET
19	1	452448	YZ	ROPING BAR
20	1	718673		GBX DODGE 17Q15R56 TIGEAR 2 SIZE 17 15:1 56
21	1	753651		EM TECHTOP CB3-AL-TF-S6C-4-B-D-1
22	1	730916		CNTR RICE LAKE 18089
23	1	738079		FLEX CNTR RICE LAKE IQ-480 #126564
DRAWN Wang			3/31/2021	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	
			HPD BASE ASSEMBLY - INTERGRATED SCALE	
REVISION		SURFACE AREA	DWG NO	FINISH
REMOVE ALL BURRS AND SHARP EDGES			1115280	

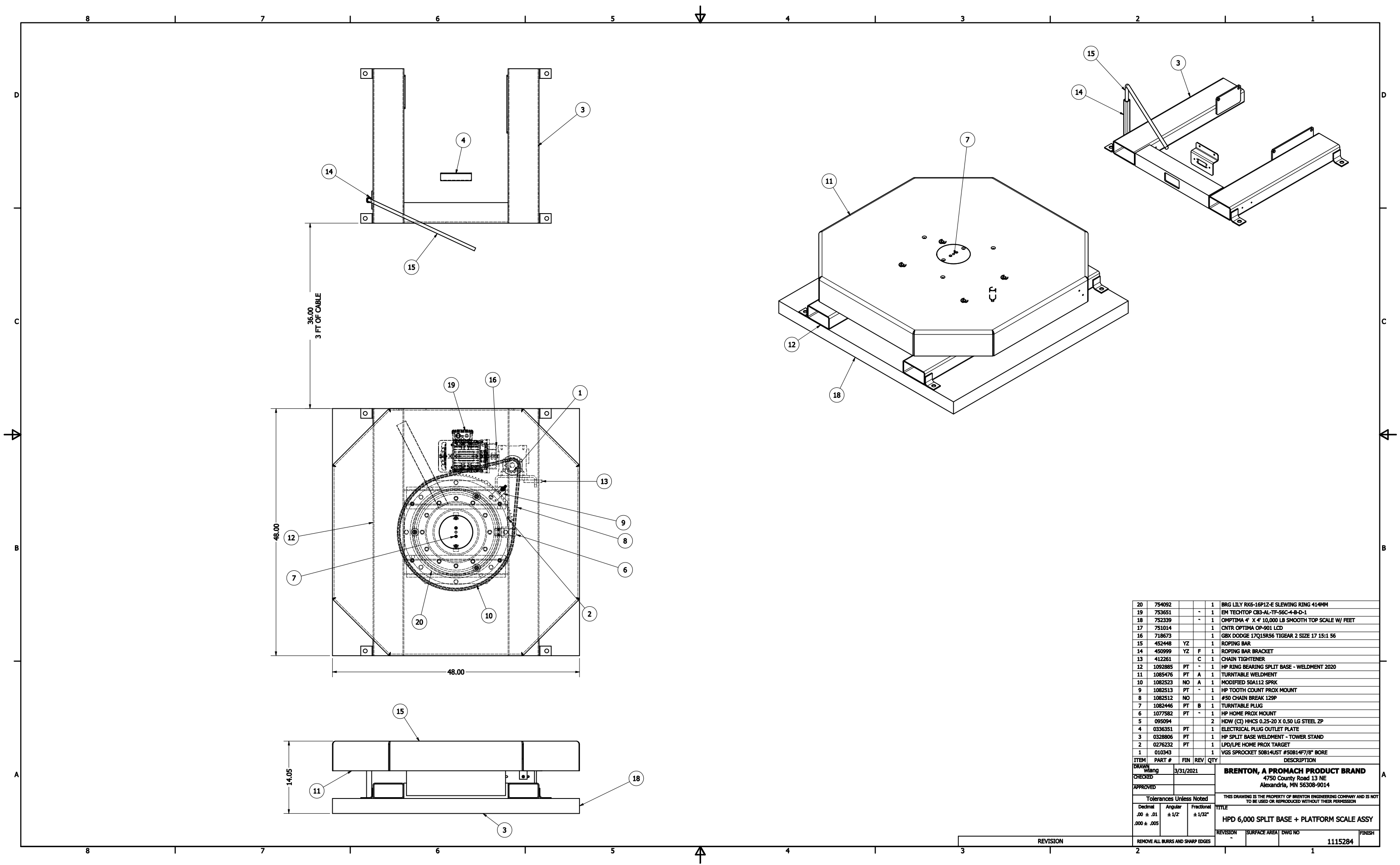




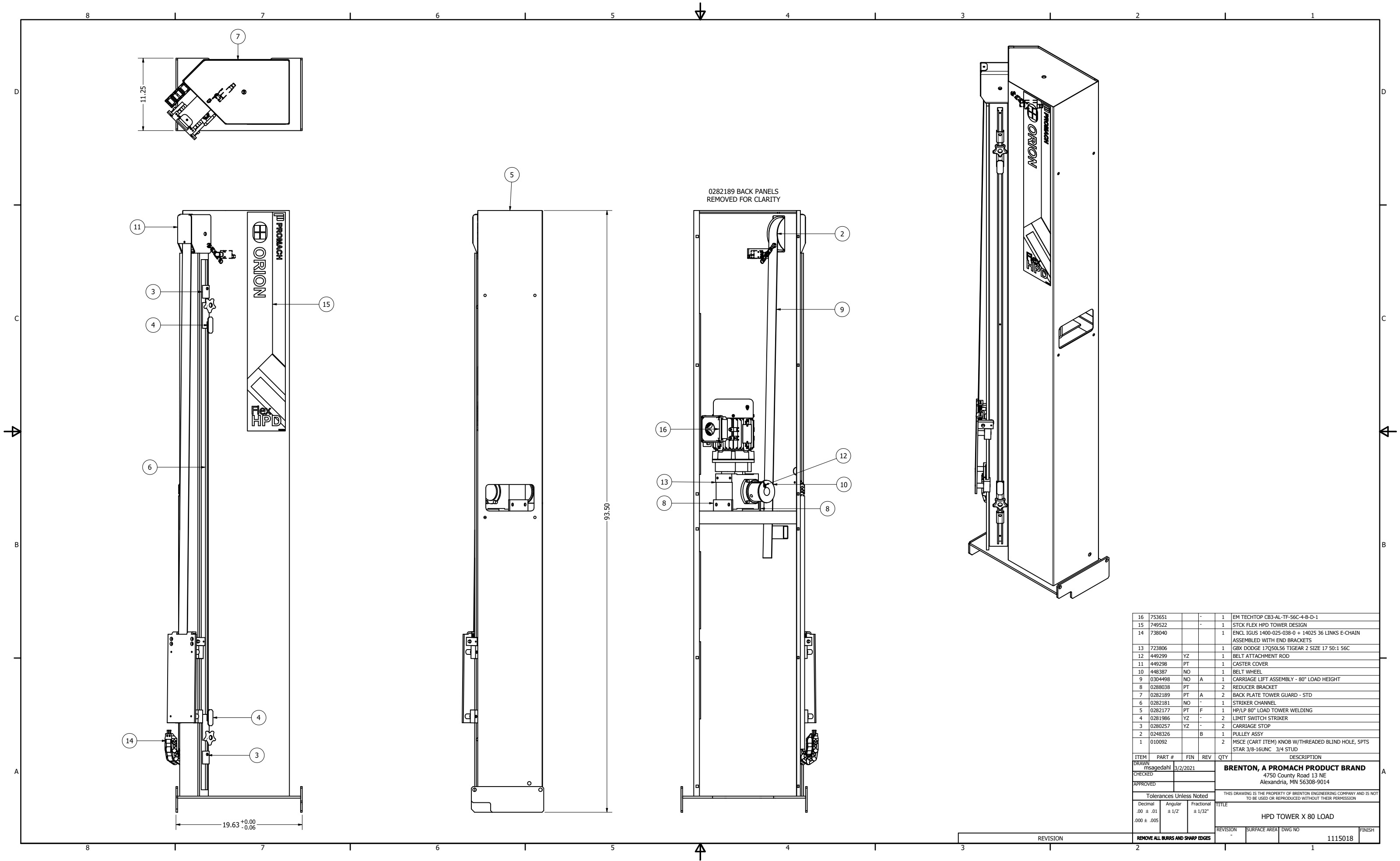
Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	010343	VGS SPROCKET 50B14UST #50B14F7/8" BORE	
2	1	015136	FLX BRG Bearing, Slewing Ring, 16.30"	
3	1	0276232	LPD/LPE HOME PROX TARGET	
4	1	0313822	MODIFIED 50A112 SPRK	
5	1	1077557	HP RING BEARING BASE - WELDMENT	
6	1	1077582	HP HOME PROX MOUNT	
7	1	1082446	TURNTABLE PLUG	
8	1	1082512	#50 CHAIN BREAK 129P	
9	1	1082513	HP TOOTH COUNT PROX MOUNT	
10	1	1115311	HP TURNTABLE WELDMENT 55X55	
11	1	412261	CHAIN TIGHTENER	
12	1	450999	ROPING BAR BRACKET	
13	1	452448	ROPING BAR	
14	1	718673	GBX DODGE 17Q15R56 TIGEAR 2 SIZE 17 15:1 56	
15	1	753651	EM TECHTOP CB3-AL-TF-56C-4-B-D-1	
DRAWN Wang			3/31/2021	
CHECKED				
APPROVED				
			BRENTON, A PROMACH PRODUCT BRAND	
			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	
			Tolerances Unless Noted	
			Decimal .00 ± .01 .000 ± .005	Angular ± 1/2° Fractional ± 1/32"
			TITLE HPD BASE 55X55	
			REVISION	SURFACE AREA DWG NO FINISH
			REMOVE ALL BURRS AND SHARP EDGES	1115285



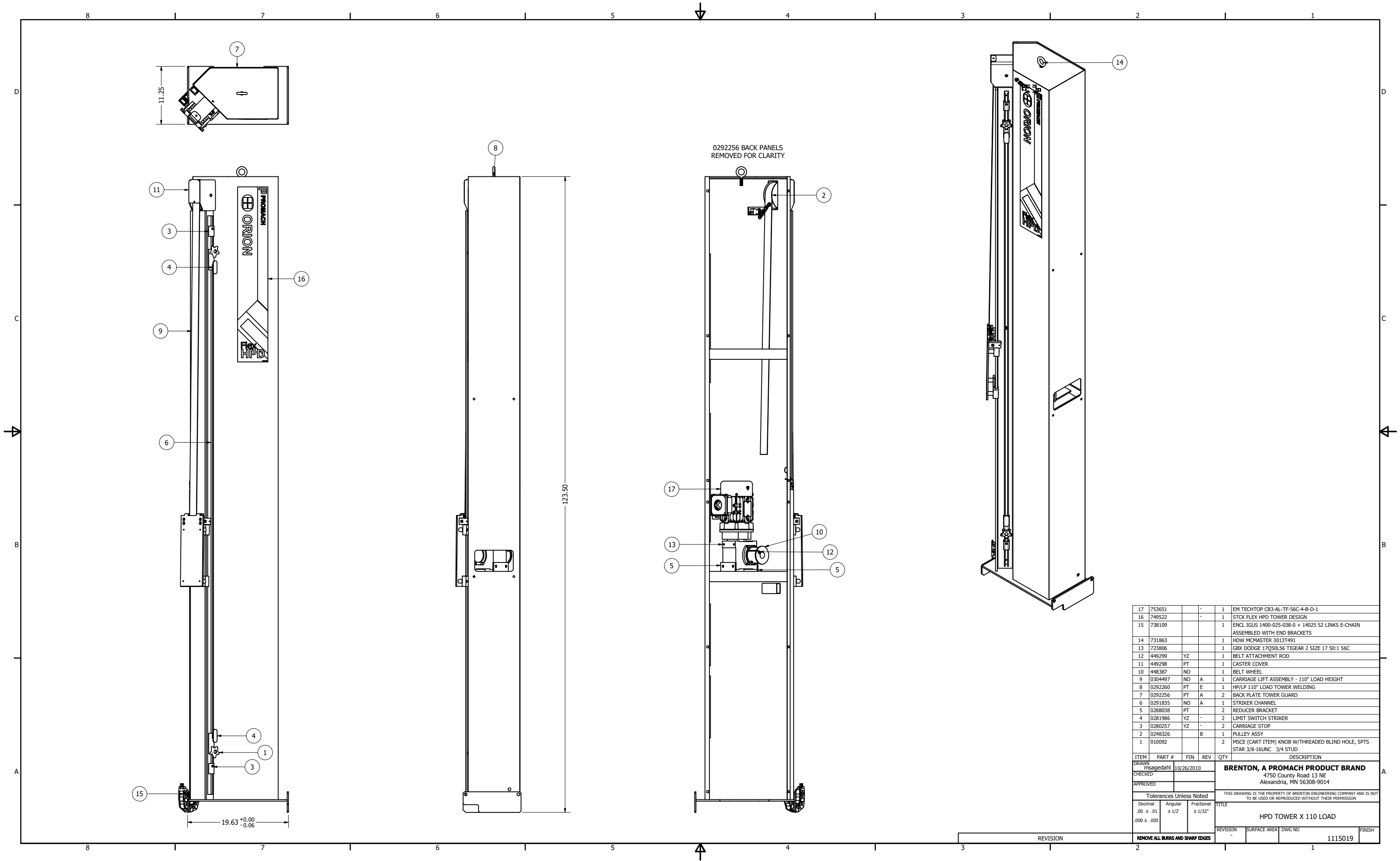
18	753651		-	1	EM TECHTOP CB3-AL-TF-56C-4-B-D-1
16	718673			1	GBX DODGE 17Q15R56 TIGEAR 2 SIZE 17 15:1 56
15	452448	YZ		1	ROPING BAR
14	450999	YZ	F	1	ROPING BAR BRACKET
13	412261		C	1	CHAIN TIGHTENER
12	1092885	PT	-	1	HP RING BEARING SPLIT BASE - WELDMENT 2020
11	1085476	PT	A	1	TURNTABLE WELDMENT
10	1082523	NO	A	1	MODIFIED 50A112 SPRK
9	1082513	PT	-	1	HP TOOTH COUNT PROX MOUNT
8	1082512	NO		1	#50 CHAIN BREAK 129P
7	1082446	PT	B	1	TURNTABLE PLUG
6	1077582	PT	-	1	HP HOME PROX MOUNT
5	095094			2	HDW (CI) HHCS 0.25-20 X 0.50 LG STEEL ZP
4	0328806	PT		1	HP SPLIT BASE WELDMENT - TOWER STAND
3	0276232	PT		1	LPD/LPE HOME PROX TARGET
2	015136			1	FLX BRG BEARING, Slewing Ring, 16.30"
1	010343			1	VGS SPROCKET 50B14UST #50B14F7/8" BORE
ITEM	PART #	FIN	REV	QTY	DESCRIPTION
DRAWN	Wiang		3/31/2021		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		
			HPD 6000LB SPLIT BASE ASSY		
REVISION					REVISION
REMOVE ALL BURRS AND SHARP EDGES					SURFACE AREA
					DWG NO
					1115283
					FINISH
					1



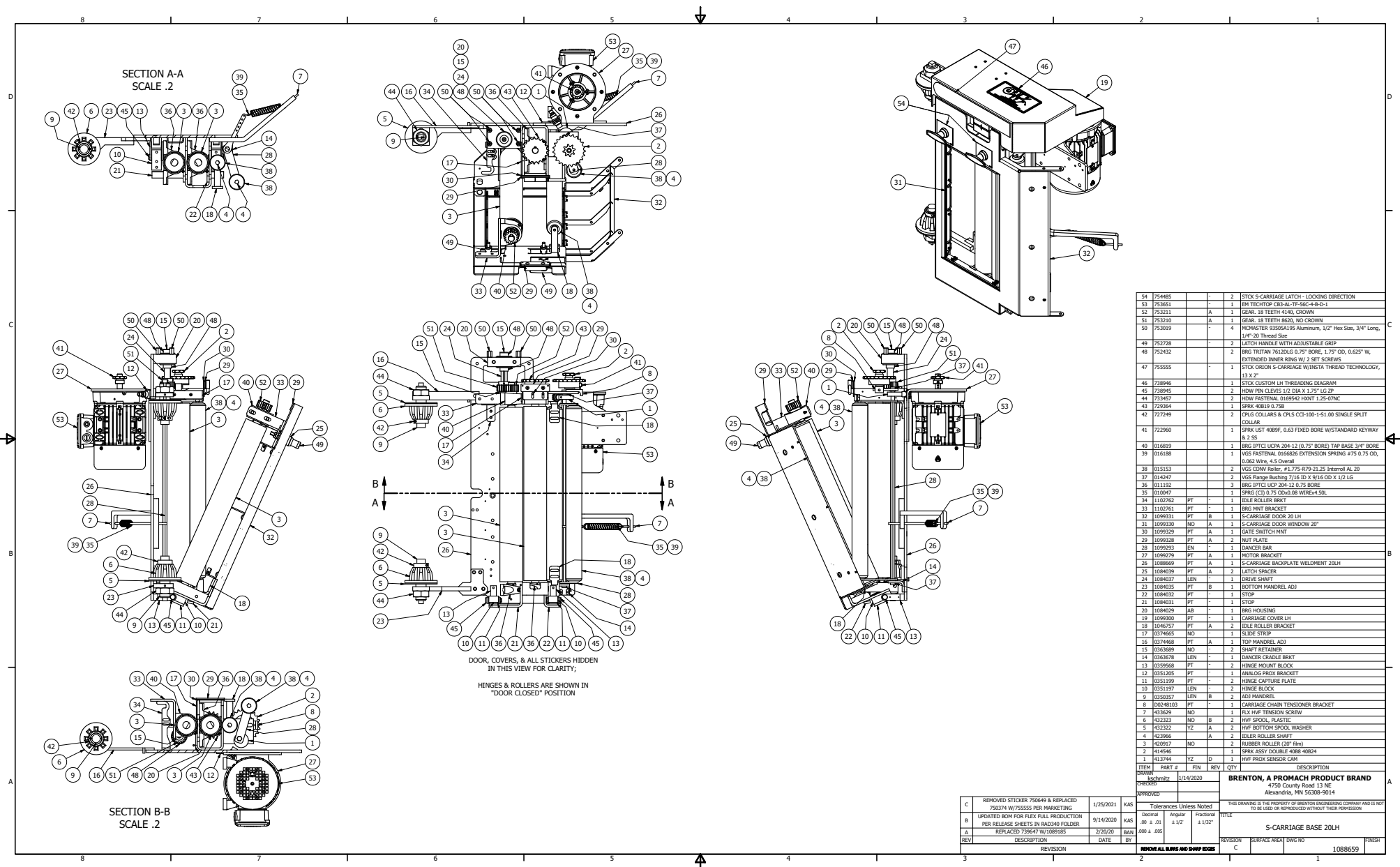
20	754092			1	BRG LILY RK6-16P1Z-E SLEWING RING 414MM
19	753651		-	1	EM TECHTOP CB3-AL-TF-56C-4-B-D-1
18	752339		-	1	OMPTIMA 4' X 4' 10,000 LB SMOOTH TOP SCALE W/ FEET
17	751014			1	CNTR OPTIMA OP-901 LCD
16	718673			1	GBX DODGE 17Q15R56 TIGEAR 2 SIZE 17 15:1 56
15	452448	YZ		1	ROPING BAR
14	450999	YZ	F	1	ROPING BAR BRACKET
13	412261		C	1	CHAIN TIGHTENER
12	1092885	PT	-	1	HP RING BEARING SPLIT BASE - WELDMENT 2020
11	1085476	PT	A	1	TURNTABLE WELDMENT
10	1082523	NO	A	1	MODIFIED 50A112 SPRK
9	1082513	PT	-	1	HP TOOTH COUNT PROX MOUNT
8	1082512	NO		1	#50 CHAIN BREAK 12SP
7	1082446	PT	B	1	TURNTABLE PLUG
6	1077582	PT	-	1	HP HOME PROX MOUNT
5	095094			2	HDW (CI) HHCS 0.25-20 X 0.50 LG STEEL 2P
4	0336351	PT		1	ELECTRICAL PLUG OUTLET PLATE
3	0328806	PT		1	HP SPLIT BASE WELDMENT - TOWER STAND
2	0276232	PT		1	LPD/LPE HOME PROX TARGET
1	010343			1	VGS SPROCKET 50B14UST #50B14F7/8" BORE
ITEM	PART #	FIN	REV	QTY	DESCRIPTION
DRAWN	Wang		3/31/2021		BRENTON, A PROMACH PRODUCT BRAND 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		
		HPD 6,000 SPLIT BASE + PLATFORM SCALE ASSY			
REVISION		SURFACE AREA		DWG NO	FINISH
REMOVE ALL BURRS AND SHARP EDGES					1115284



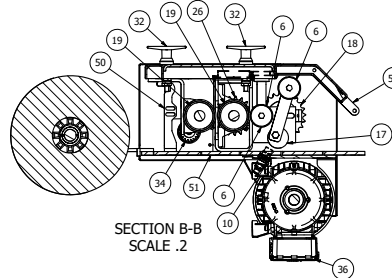
16	753651	-	1	EM TECHTOP CB3-AL-TF-56C-4-B-D-1				
15	749522	-	1	STCK FLEX HPD TOWER DESIGN				
14	738040	-	1	ENCL IGUS 1400-025-038-0 + 14025 36 LINKS E-CHAIN ASSEMBLED WITH END BRACKETS				
13	723806	-	1	GBX DODGE 17Q50L56 TIGEAR 2 SIZE 17 50:1 56C				
12	449299	YZ	1	BELT ATTACHMENT ROD				
11	449298	PT	1	CASTER COVER				
10	448387	NO	1	BELT WHEEL				
9	0304498	NO	A	1 CARRIAGE LIFT ASSEMBLY - 80" LOAD HEIGHT				
8	0288038	PT	2	REDUCER BRACKET				
7	0282189	PT	A	2 BACK PLATE TOWER GUARD - STD				
6	0282181	NO	-	1 STRIKER CHANNEL				
5	0282177	PT	F	1 HP/LP 80" LOAD TOWER WELDING				
4	0281986	YZ	-	2 LIMIT SWITCH STRIKER				
3	0280257	YZ	-	2 CARRIAGE STOP				
2	0248326		B	1 PULLEY ASSY				
1	010092		2	MSCE (CART ITEM) KNOB W/THREADED BLIND HOLE, 5PTS STAR 3/8-16UNC 3/4 STUD				
ITEM	PART #	FIN	REV	QTY	DESCRIPTION			
DRAWN	msagedahl	3/2/2021	BRENTON, A PROMACH PRODUCT BRAND 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"						
.000 ± .005			HPD TOWER X 80 LOAD					
REMOVE ALL BURRS AND SHARP EDGES			REVISION	SURFACE AREA	DWG NO	FINISH		
			-			1115018		



17	753651		-	1	EM TECHTOP CB3-AL-TF-56C-4-B-D-1
16	749522		-	1	STCK FLEX HPD TOWER DESIGN
15	738109			1	ENCL IGUS 1400-025-038-0 + 14025 52 LINKS E-CHAIN ASSEMBLED WITH END BRACKETS
14	731863			1	HDW MCMASTER 3013T491
13	723806			1	GBX DODGE 17Q50L56 TIGEAR 2 SIZE 17 50:1 56C
12	449299	YZ		1	BELT ATTACHMENT ROD
11	449298	PT		1	CASTER COVER
10	448387	NO		1	BELT WHEEL
9	0304497	NO	A	1	CARRIAGE LIFT ASSEMBLY - 110" LOAD HEIGHT
8	0292260	PT	E	1	HP/LP 110" LOAD TOWER WELDING
7	0292256	PT	A	2	BACK PLATE TOWER GUARD
6	0291835	NO	A	1	STRIKER CHANNEL
5	0288038	PT		2	REDUCER BRACKET
4	0281986	YZ	-	2	LIMIT SWITCH STRIKER
3	0280257	YZ	-	2	CARRIAGE STOP
2	0248326		B	1	PULLEY ASSY
1	010092			2	MSCE (CART ITEM) KNOB W/THREADED BLIND HOLE, 5PTS STAR 3/8-16UNC 3/4 STUD
ITEM	PART #	FIN	REV	QTY	DESCRIPTION
DRAWN	msagedahl 10/26/2010				
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"	HPD TOWER X 110 LOAD		
.000 ± .005			REVISION	SURFACE AREA	DWG NO
REMOVE ALL BURRS AND SHARP EDGES					1115019



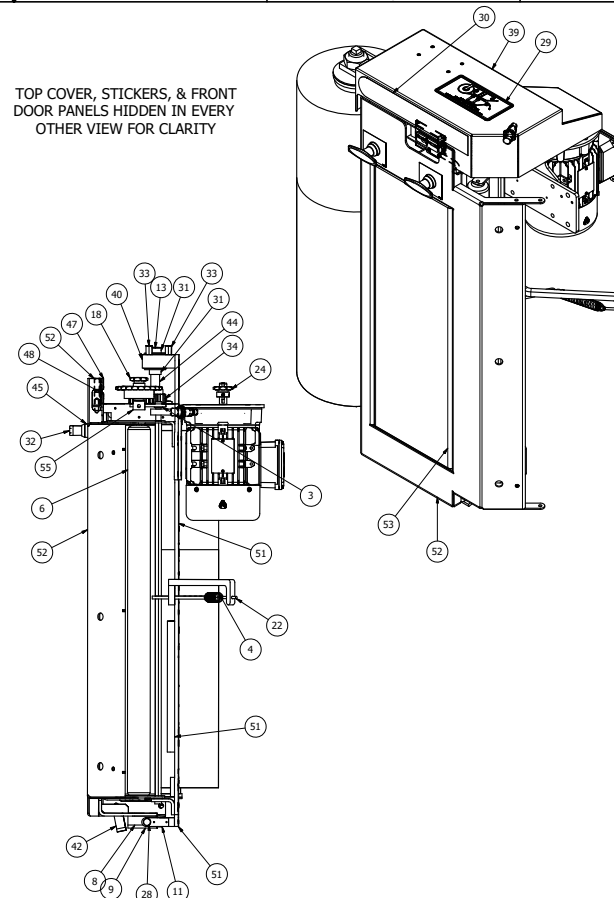
54	754485	-	2	STOK S-CARRIAGE LATCH - LOCKING DIRECTION	
53	753551	-	1	ON TIGHTEN CBL-4L-1P-SG-4-8-2-1	
53	753211	A	1	GEAR, 18 TEETH 4140, CROWN	
51	753210	A	1	GEAR, 18 TEETH 8620, NO CROWN	
50	753019	-	4	WASHER 30SSA155 Aluminum, 1/2" Hex Size, 3/4" Long, 1/4"-20 Thread Size	
49	752728	-	2	LATCH HANDLE WITH ADJUSTABLE GRIP	
48	752432	-	2	BRG TROTAN 76120LG 0.75" BORE, 1.75" OD, 0.625" W, EXTENDED INNER RING W/ 2 SET SCREWS	
47	755555	-	1	STOK ODRON S-CARRIAGE W/INTRA THREAD TECHNOLOGY, 13 X 7"	
46	738945	-	1	STOK CUSTOM LH THREADING DIAGRAM	
45	738945	-	2	HEW PIN CLEVIS 1/2 DIA X 1.75" LG 2P	
44	733457	-	2	HEW FASTENAL 0169542 HINT 1.25-07NC	
43	727364	-	1	SPRK 40815 0.750	
42	727449	-	2	CPGL COLLARS & CPLS CO-100-1-S1.00 SINGLE SPLIT COLLAR	
41	722960	-	1	SPRK LST 408P, 0.63 FIXED BORE W/STANDARD KEYWAY 1/8 X 5/8	
40	016819	-	1	BRG IPTCI UCPL 20H-12 (0.75" BORE) TAP BASE 3/4" BORE	
39	016188	-	1	VGS FASTENAL 0166826 EXTENSION SPRING #75 0.75 OD, 0.862 Wire, 4.5 Overall	
38	015153	-	2	VGS CONW Roller, #1.775-R79-21.25 Interroll AL 20	
37	014247	-	2	VGS Flange Bushing 7/16 ID X 9/16 OD X 1/2 LG	
36	011192	-	3	BRG IPTCI LCP 20H-12 0.75 BORE	
35	010047	-	1	SPRG C13 15.75 0.004W WIRE4.50L	
34	1102762	PT	-	1 IDLE ROLLER BRKT	
33	1102761	PT	-	1 BRG HNT BRACKET	
32	1099311	PT	B	1 S-CARRIAGE DOOR 20 LH	
31	1099330	NO	A	1 S-CARRIAGE DOOR WINDOW 20"	
30	1099329	PT	A	1 GATE SWITCH HNT	
29	1099328	PT	A	2 HNT PLATE	
28	1099293	EN	-	1 DANCER BAR	
27	1099279	PT	A	1 MOTOR BRACKET	
26	1088669	PT	A	1 S-CARRIAGE BACKPLATE WELDMENT 20LH	
25	1084039	PT	A	2 LATCH SPACER	
24	1084037	LEN	-	1 DRIVE SHAFT	
23	1084035	PT	B	1 BOTTOM MANDEL ADJ	
22	1084032	PT	-	1 STOP	
21	1084031	PT	-	1 STOP	
20	1084029	AB	-	1 BRG HOUSING	
19	1099300	PT	-	1 CARRIAGE COVER LH	
18	1046757	PT	A	2 IDLE ROLLER BRACKET	
17	0374665	NO	-	1 SLIDE STRIP	
16	0374468	PT	A	1 TOP MANDEL ADJ	
15	0363689	NO	-	2 SHAFT RETAINER	
14	0363678	LEN	-	1 DANCER CRADLE BRKT	
13	0359568	PT	-	2 HINGE MOUNT BLOCK	
12	0351205	PT	-	1 ANALOG PROX BRACKET	
11	0351199	PT	-	2 HINGE CAPTURE PLATE	
10	0351197	LEN	-	2 HINGE BLOCK	
9	0350267	LEN	B	2 ADJ MANDEL	
8	03048103	PT	-	1 CARRIAGE CHAIN TENSIONER BRACKET	
7	433629	NO	-	1 FLX HNF TENSION SCREW	
6	432323	NO	B	2 HNF SPOOL, PLASTIC	
5	432322	YZ	-	2 HNF BOTTOM SPOOL WASHER	
4	423966	A	2	IDLER ROLLER SHAFT	
3	420917	NO	-	2 RUBBER ROLLER (20" Rim)	
2	414546	-	-	1 HNF ASSY DOUBLE 408B 40B24	
1	413744	YZ	D	1 HNF PROX SENSOR CAM	
ITEM #	PART #	FIN	REV	QTY	DESCRIPTION
DATE 1/14/2020					
APPROVES					
DESIGNED bidimitz					
REVISION					
DESCRIPTION					
C REMOVED STICKER 750649 & REPLACED 750274 W/755555 FOR MARKING 1/25/2021 KAS					
B UPDATED BOM FOR FLX FULL PRODUCTION PER RELEASE SHEETS IN RAD340 FOLDER 9/14/2020 KAS					
A REPLACED 73947 W/1089185 2/26/20 BAN					
REV	DESCRIPTION	DATE	BY		
REVISION					
DESCRIPTION					
C REMOVED STICKER 750649 & REPLACED 750274 W/755555 FOR MARKING 1/25/2021 KAS					
B UPDATED BOM FOR FLX FULL PRODUCTION PER RELEASE SHEETS IN RAD340 FOLDER 9/14/2020 KAS					
A REPLACED 73947 W/1089185 2/26/20 BAN					
REV	DESCRIPTION	DATE	BY		
REVISION					
DESCRIPTION					
C REMOVED STICKER 750649 & REPLACED 750274 W/755555 FOR MARKING 1/25/2021 KAS					
B UPDATED BOM FOR FLX FULL PRODUCTION PER RELEASE SHEETS IN RAD340 FOLDER 9/14/2020 KAS					
A REPLACED 73947 W/1089185 2/26/20 BAN					
REV	DESCRIPTION	DATE	BY		
REVISION					
DESCRIPTION					
C REMOVED STICKER 750649 & REPLACED 750274 W/755555 FOR MARKING 1/25/2021 KAS					
B UPDATED BOM FOR FLX FULL PRODUCTION PER RELEASE SHEETS IN RAD340 FOLDER 9/14/2020 KAS					
A REPLACED 73947 W/1089185 2/26/20 BAN					
REV	DESCRIPTION	DATE	BY		
REVISION					
DESCRIPTION					
C REMOVED STICKER 750649 & REPLACED 750274 W/755555 FOR MARKING 1/25/2021 KAS					
B UPDATED BOM FOR FLX FULL PRODUCTION PER RELEASE SHEETS IN RAD340 FOLDER 9/14/2020 KAS					
A REPLACED 73947 W/1089185 2/26/20 BAN					
REV	DESCRIPTION	DATE	BY		
REVISION					
DESCRIPTION					
C REMOVED STICKER 750649 & REPLACED 750274 W/755555 FOR MARKING 1/25/2021 KAS					
B UPDATED BOM FOR FLX FULL PRODUCTION PER RELEASE SHEETS IN RAD340 FOLDER 9/14/2020 KAS					
A REPLACED 73947 W/1089185 2/26/20 BAN					
REV	DESCRIPTION	DATE	BY		
REVISION					
DESCRIPTION					
C REMOVED STICKER 750649 & REPLACED 750274 W/755555 FOR MARKING 1/25/2021 KAS					
B UPDATED BOM FOR FLX FULL PRODUCTION PER RELEASE SHEETS IN RAD340 FOLDER 9/14/2020 KAS					
A REPLACED 73947 W/1089185 2/26/20 BAN					
REV	DESCRIPTION	DATE	BY		
REVISION					
DESCRIPTION					
C REMOVED STICKER 750649 & REPLACED 750274 W/755555 FOR MARKING 1/25/2021 KAS					
B UPDATED BOM FOR FLX FULL PRODUCTION PER RELEASE SHEETS IN RAD340 FOLDER 9/14/2020 KAS					
A REPLACED 73947 W/1089185 2/26/20 BAN					
REV	DESCRIPTION	DATE	BY		
REVISION					
DESCRIPTION					
C REMOVED STICKER 750649 & REPLACED 750274 W/755555 FOR MARKING 1/25/2021 KAS					
B UPDATED BOM FOR FLX FULL PRODUCTION PER RELEASE SHEETS IN RAD340 FOLDER 9/14/2020 KAS					
A REPLACED 73947 W/1089185 2/26/20 BAN					
REV	DESCRIPTION	DATE	BY		
REVISION					
DESCRIPTION					
C REMOVED STICKER 750649 & REPLACED 750274 W/755555 FOR MARKING 1/25/2021 KAS					
B UPDATED BOM FOR FLX FULL PRODUCTION PER RELEASE SHEETS IN RAD340 FOLDER 9/14/2020 KAS					
A REPLACED 73947 W/1089185 2/26/20 BAN					
REV	DESCRIPTION	DATE	BY		
REVISION					
DESCRIPTION					
C REMOVED STICKER 750649 & REPLACED 750274 W/755555 FOR MARKING 1/25/2021 KAS					
B UPDATED BOM FOR FLX FULL PRODUCTION PER RELEASE SHEETS IN RAD340 FOLDER 9/14/2020 KAS					
A REPLACED 73947 W/1089185 2/26/20 BAN					
REV	DESCRIPTION	DATE	BY		
REVISION					
DESCRIPTION					
C REMOVED STICKER 750649 & REPLACED 750274 W/755555 FOR MARKING 1/25/2021 KAS					
B UPDATED BOM FOR FLX FULL PRODUCTION PER RELEASE SHEETS IN RAD340 FOLDER 9/14/2020 KAS					
A REPLACED 73947 W/1089185 2/26/20 BAN					
REV	DESCRIPTION	DATE	BY		
REVISION					
DESCRIPTION					
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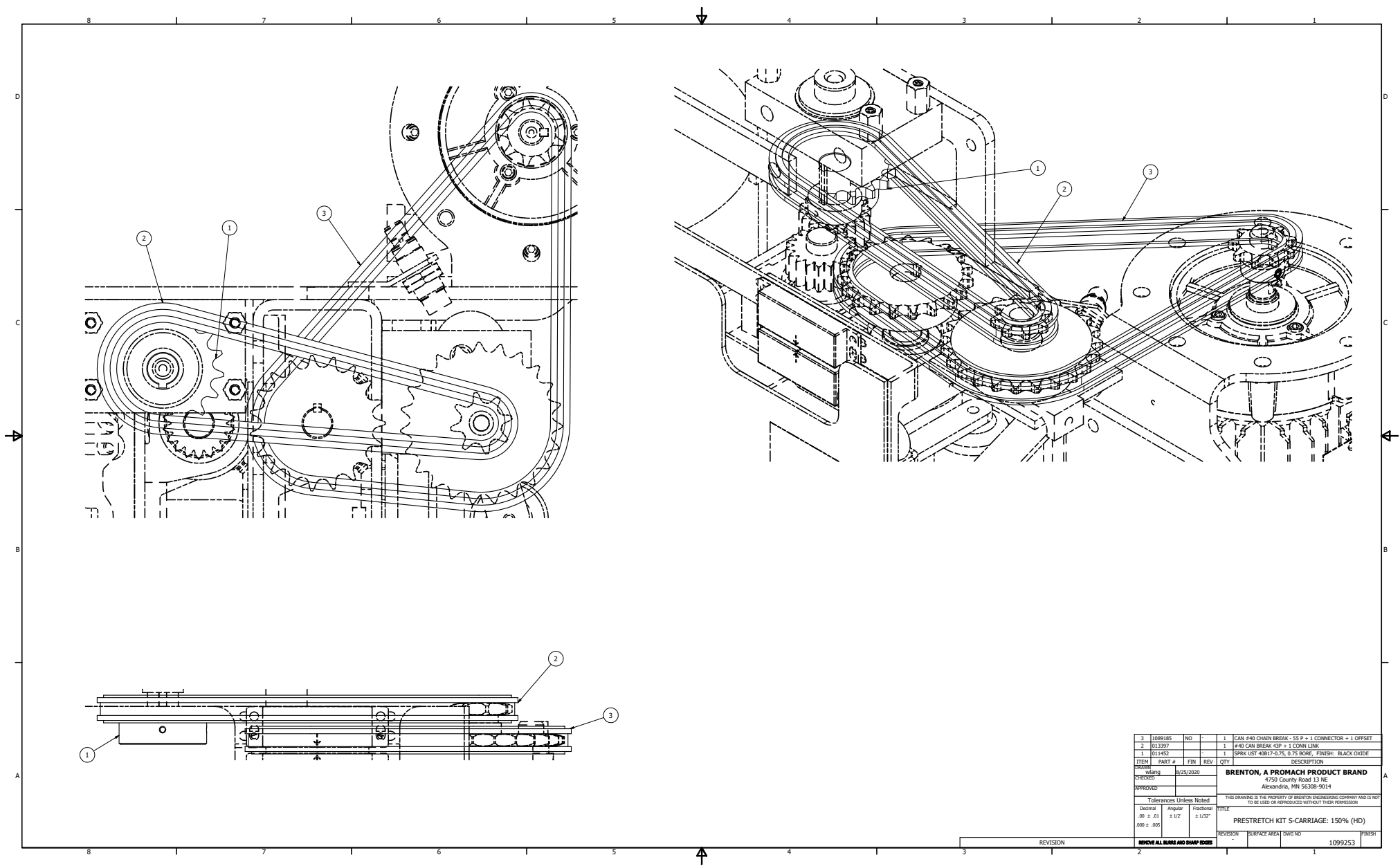
SECTION A-A
SCALE .2

SECTION B-B
SCALE .2

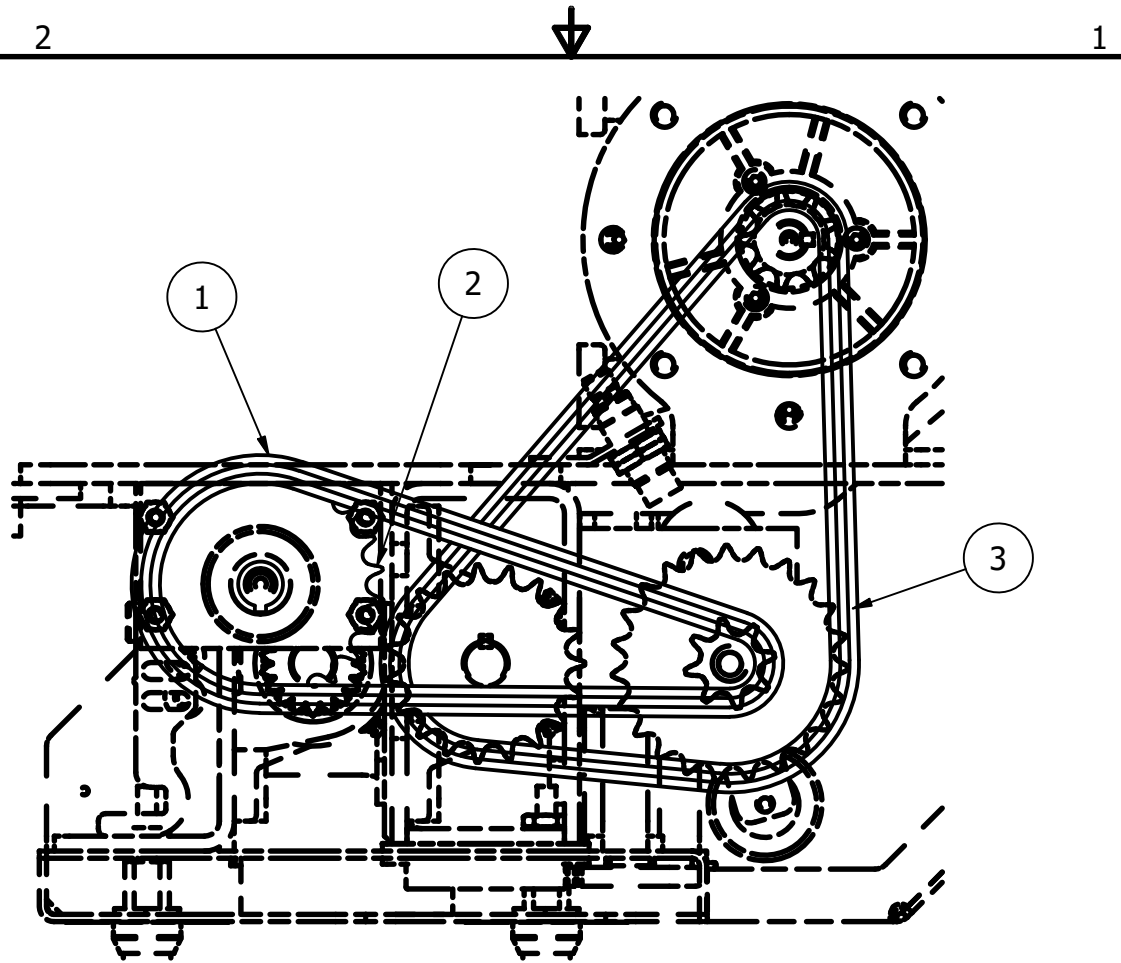
TOP COVER, STICKERS, & FRONT
DOOR PANELS HIDDEN IN EVERY
OTHER VIEW FOR CLARITY



55	002403	PT	*	1	CARRIAGE CHAIN TENSIONER BRACKET
56	1102769	EN	*	1	CAMER BAR
57	1102768	NO	*	1	5-CARRIAGE DOOR WINDOW *30"
58	1102767	PT	*	1	CARRIAGE DOOR 30" X 30"
59	1102765	PT	B	1	5-CARRIAGE BACKPLATE WELLEMENT 30H1
60	1102762	PT	*	1	ISLE ROLLER BIRKT
61	1102761	PT	*	1	ISLE RINT BRACKET
62	10999129	PT	A	1	GATE SWITCH MINT
63	1099928	PT	A	2	NUT PLATE
64	10999179	PT	A	1	ISLE BRACKET
65	10804939	PT	A	2	LATCH SPRCKER
66	10804837	PT	*	1	DRIVE SHIP
67	10804837	PT	B	1	STOP (OPTIONAL HANDREL A03)
68	10804832	PT	*	1	STOP
69	10804831	PT	*	1	STOP
70	10804829	PT	*	1	STOP
71	10999900	PT	*	1	CARRIAGE COVER LH
73	1046575	PT	2	1	ISLE ROLLER BRACKET
74	739485	*	1	1	STOP 5-CARRIAGE LATCH - LOCKING DIRECTION
75	733601	*	1	1	ISLE TIEBATCH 2X36" LF 56C4-940-1
76	735211	*	1	1	GEAR, 18 TEETH 40:00, CROWN
77	735210	*	1	1	GEAR, 18 TEETH 40:00, CHROME
78	732019	*	1	1	MONOSTER 53505415 25 Aluminox, 1/2" Hex Size, 3/4" Long, 1/4"-0.28 Thread Size
79	752728	*	2	1	LATCH HANDLE WITH ADJUSTABLE GRIP
80	752432	*	1	1	ISLE TIEBATCH 752432-0 075" BORE, 1.75" OD, 0.625" W/ EXTENDED INNER RING W/ 2 SET SCREWS
81	755555	*	1	1	STOP ORION 5-CARRIAGE W/INTEA STRUT TECHNOLOGY, 2 X 2 P
82	738946	*	1	1	STOP CLUMP LIT THEADING DIRECTION
83	738945	*	1	1	STOP PIN STEVUS LEVEL 4 X 1.5" X 1/2"
84	723457	*	1	1	ISLE FASTENAL 035652 100 1/2" 5/16"
85	729364	*	1	1	SPR 408013 7.00
86	757249	*	2	1	ORGL COILS & CPUS C200 1-51.00 SINGLE STRIP
87	722960	*	1	1	SPR LK2 40899, 0.63 FIXED BORE W/STANDARD KEYWAY & 2X 2 P
88	715863	*	8	1	CAND-PANDETT T2028-C
89	434329	NO	B	1	W/INT TENSION SCREW
90	432223	NO	B	2	W/INT SPOOL, PLASTIC
91	432322	YZ	A	2	W/INT BIRKT SPOOL, W/ISHER
92	402919	PT	*	1	PLX COWM ROLLER, RUBBER 23" - SHORT
93	414546	*	1	1	SPR 4051 DOUBLE 4088 4024
94	413744	YZ	D	1	W/INT FINGER SENSOR CAM
95	402878	PT	*	1	ISLE ROLLER SHIPWIFT - 31 5/16" LG
96	4137465	NO	*	1	SLIDE STRIP
97	4137468	PT	*	1	TAMPER CHARGE BIRKT
98	4136369	PT	*	1	SPR RETAILING
99	4135958	PT	*	2	HINGE MOUNT BLOCK
100	4135125	PT	*	2	PLX COWM ROLLER 20.5 BORE
101	41351199	PT	*	2	HINGE CAPTURE PLATE
102	615917	PT	*	2	HINGE BLOCK
103	6159207	PT	B	2	HINGE BLOCK
104	615987	PT	*	2	PLX COWM INTERROLL, 1.75X39.00 31.25" ROLLER, 30 X 30"
105	616819	PT	*	2	SPR BIRKT UCLPS 204 1/2 (0.75 BORE) TAP BASE 3/4" BORE
106	616188	*	1	1	ISLE FASTENAL 035658 EXTENSION SPRING 4.75 0.75 OD, 0.062 W/IS, 4.04-12
107	6142467	*	2	1	WGS RANGE BATHING 7/16" ID X 9/16" OD X 1/2 LG
108	611192	*	2	1	BIRKT UCLP 204 1/2 BORE
109	610067	*	1	1	SPRING C/L 1.75 0.00x0.80 W/IS 5.00 LG
PART A PART A FIN REV					DESCRIPTION
wiring					1102769
drawing					1102769
approved					1102769
Tolerances Unless Noted					1102769
THIS DRAWING IS THE PROPERTY OF INVENTOR ENGINEERING CORP. AND IS NOT TO BE USED OR REPRODUCED WITHOUT THEIR PERMISSION.					1102769
KAS					1102769
DATE					1102769
BY					1102769
REVISION					1102769
SURFACE AREA					1102769
DWG NO					1102769



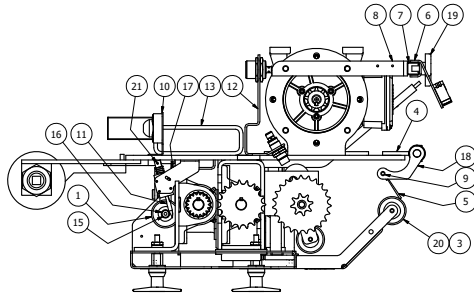
3	1089185	NO	-	1	CAN #40 CHAIN BREAK - 55 P + 1 CONNECTOR + 1 OFFSET
2	013397	-	-	1	#40 CAN BREAK KIP - 1 CONN LINK
1	011452	-	-	1	SPRK UST 40817-0.75, 0.75 BORE, FINISH: BLACK OXIDE
ITEM	PART #	FIN	REV	QTY	DESCRIPTION
DATE	06/25/2020				
CHECKED					
APPROVED					
Tolerances Unless Noted					
Decimal	Angular	Fractional			
.00 ± .01	± 1/2	± 1/32			
.000 ± .005					
REVISION					
REMOVAL BURS AND SHARP EDGES					
				SURFACE AREA	DWG NO
				1099253	FINISH



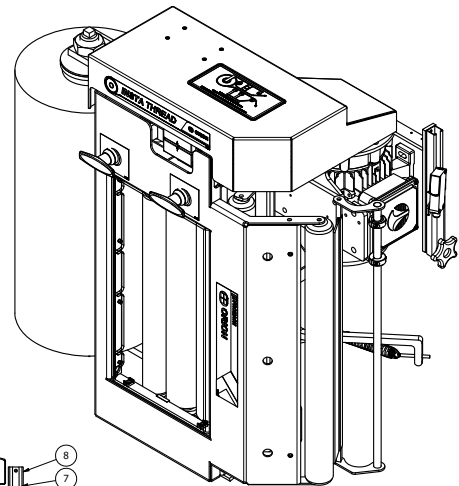
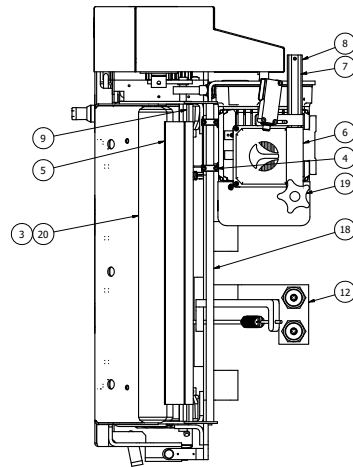
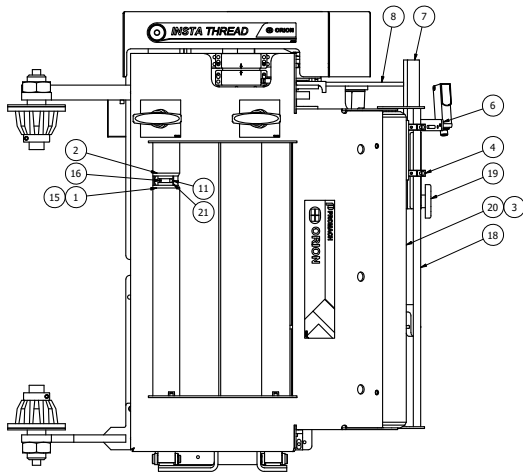
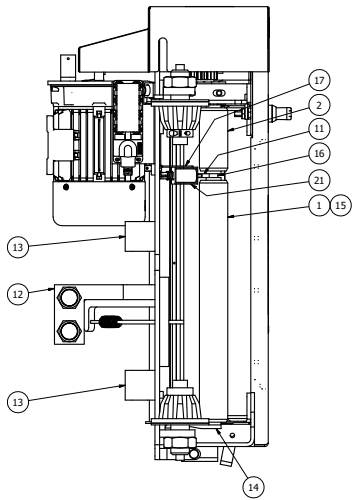
3	1089185	NO	-	1	CAN #40 CHAIN BREAK - 55 P + 1 CONNECTOR + 1 OFFSET
2	731758			1	SPRK UST 40B24F 3/40.75B K/W2SS
1	750224	NO	-	1	#40 CHAIN BREAK 47P + 1 CONN
ITEM	PART #	FIN	REV	QTY	DESCRIPTION
DRAWN dwibstad		1/15/2020		ORION, A PROMACH PRODUCT BRAND 4750 County Road 13 NE Alexandria, MN 56308-9014	
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 PRESTRETCH KIT S-CARRIAGE: 260%		
REVISION A		SURFACE AREA		DWG NO 1088673	
REMOVE ALL BURRS AND SHARP EDGES				FINISH	

A	ADDED 1089185	7/16/2020	KAS
REV	DESCRIPTION	DATE	BY

REVISION			
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SOME COMPONENTS HIDDEN
FOR CLARITY IN THIS VIEW



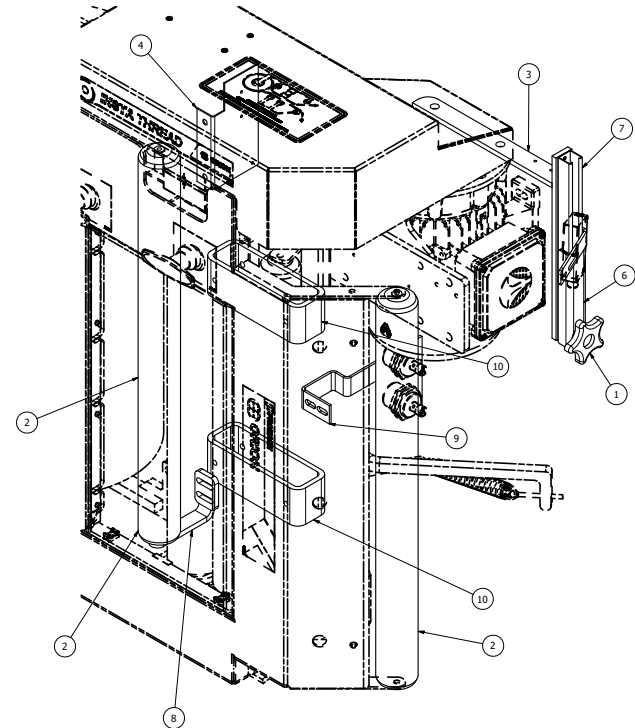
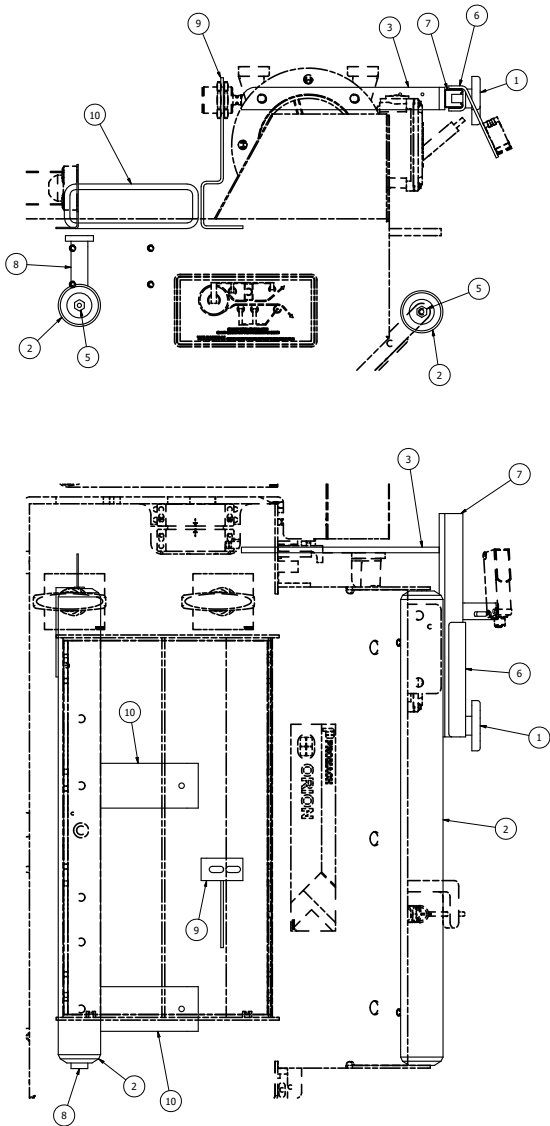
21	743094			1	ACT ADAPTER-413 LARGE PUSH-PULL SOLENOID
20	015153			1	VSS CONV Roller, #1.775-R79-21.25 Internal AL 20
19	010092			1	MSCE (CART ITEM) KNOB W/THREADED BLIND HOLE, SPTS STAB 3/8-16UNC, 3/4 STUD
18	1102829	YZ	-	1	20" INSTA CUT BRUSH MOUNT
17	1102760	PT	-	1	SOLENOID MNT BRACKET
16	1102759	NO		1	SPACER ROLL 0.25 0.58 0.515 SS
15	1099249	NO	A	1	SOLE ROLLER SHAFT
14	1099248	PT	A	1	SOLE ROLLER BRACKET
13	1094046	PT	A	2	CARRIAGE SPACER BRACKET
12	1094036	NO	-	1	DUAL PROX MOUNT (30mm)
11	0390350	NO	-	1	PUNCHING PIN
10	0350978	PT	-	1	ELIC BLOCK MOUNT
9	0277862	YZ	-	1	20" INSTA CUT ROTATING BRUSH MOUNT
8	0038101	YZ	H	1	CARRIAGE PWA MOUNT
7	462729	NO	A	1	VSS HMF Photo High Channel
6	460743	YZ	B	1	VGF HMF SUPPORT CHANNEL
5	443420	NO	D	1	BRUSH ASST
4	443416	YZ		1	ADJUSTED ROLLER HOLDER-1
3	423966	A		1	ROLLER ROLLER SHAFT
2	421884	NO		1	SOLE ROLLER - 1.5 DIA X 4 5/8
1	421883	NO		1	SOLE ROLLER - 1.5 DIA X 16 5/8
ITEM PART # FIN REV QTY DESCRIPTION					
DATE bidmilita 09/9/2020					
APPROVES					
Tolerances Unless Noted					
Decimal	Angular	Fractional	TITLE		
.00 ± .01	± 1/2	± 1/32	PARTS KIT 5-CARRIAGE: HP IC 20LH		
.000 ± .005			REVISION		
REMOVED ALL BURS AND SHARP EDGES			SURFACE AREA	DRG NO	
			1102784	FINISH	

BRENTON, A PROMACH PRODUCT BRAND
4750 County Road 13 NE
Alexandria, MN 56308-9014

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PARTS KIT 5-CARRIAGE: HP IC 20LH

REVISION SURFACE AREA DRG NO 1102784 FINISH



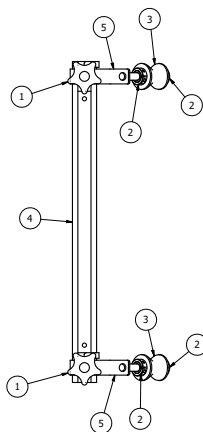
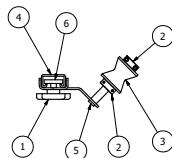
10	1084046	PT	A	2	CARRIAGE SPACER BRACKET
9	1084036	NO	-	1	DUAL PROX MOUNT (30mm)
8	1084057	PT	A	1	DUAL ROLLER BRACKET
7	452725	NO	A	1	VSS HVF Photo High Channel
6	450743	YZ	B	1	VSS HVF SUPPORT CHANNEL
5	423966	A	-	2	EXLER ROLLER SHAFT
4	0250578	PT	-	1	ELED BLOCK MOUNT
3	0258101	YZ	H	1	CARRIAGE PROX MOUNT
2	015153	-	-	2	VSS CONV Roller #1.775-R79-21.25 Internal AL 20
1	010092	-	-	1	HOSE (CART ITEM) KNEB W/THREADED BLIND HOLE, SPTS STAR 3/8-16UNC 3/4 STUD
REVISION					
REMOVAL BURS AND SHARP EDGES					

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1084046	PT	A	2	CARRIAGE SPACER BRACKET	
1084036	NO	-	1	DUAL PROX MOUNT (30mm)	
1084057	PT	A	1	DUAL ROLLER BRACKET	
452725	NO	A	1	VSS HVF Photo High Channel	
450743	YZ	B	1	VSS HVF SUPPORT CHANNEL	
423966	A	-	2	EXLER ROLLER SHAFT	
0250578	PT	-	1	ELED BLOCK MOUNT	
0258101	YZ	H	1	CARRIAGE PROX MOUNT	
015153	-	-	2	VSS CONV Roller #1.775-R79-21.25 Internal AL 20	
010092	-	-	1	HOSE (CART ITEM) KNEB W/THREADED BLIND HOLE, SPTS STAR 3/8-16UNC 3/4 STUD	
REVISION					
REMOVAL BURS AND SHARP EDGES					

BRENTON, A PROMACH PRODUCT BRAND					
4750 County Road 13 NE					
Alexandria, MN 56308-9014					
THIS DRAWING IS THE PROPERTY OF BRENTON ENGINEERING COMPANY AND IS NOT TO BE LOANED OR REPRODUCED WITHOUT THEIR PERMISSION					
TITLE					
PARTS KIT S-CARRIAGE: HP (STD) 20LH					
REVISION					
REMOVAL BURS AND SHARP EDGES					

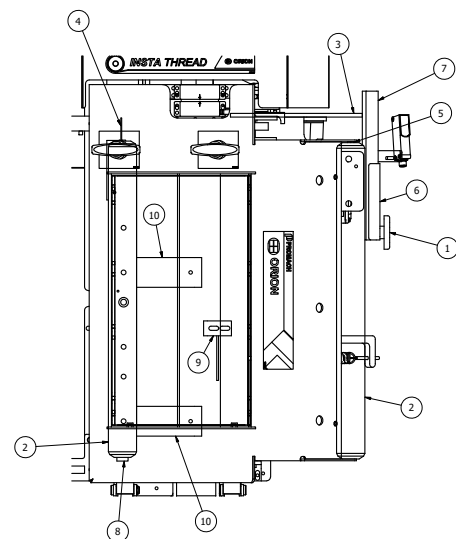
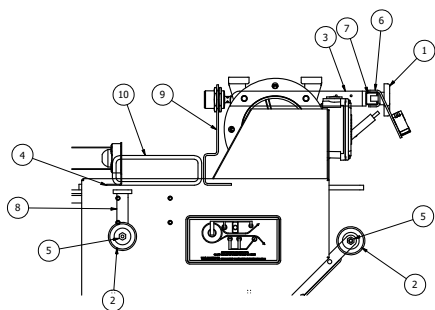
REVISION	SURFACE AREA	DWG NO	FINISH
		1099301	

1099299 PARTS KIT

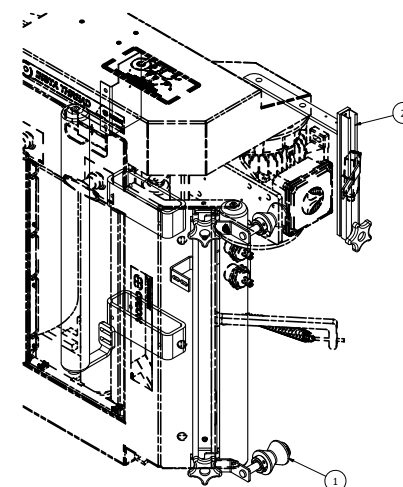
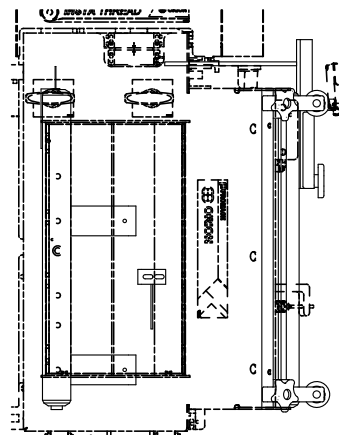
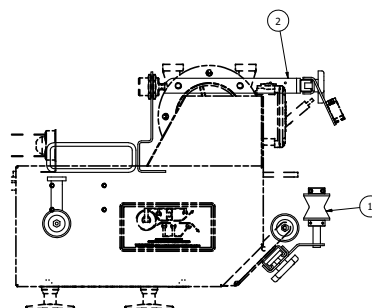


ITEM	PART #	FIN	REV	QTY	DESCRIPTION
6	00347113	YZ	-	2	HVA CHANNEL GUIDE
5	1087621	YZ	-	2	ROPING ROLLER BRACKET
4	0351161	NO	-	1	ROLLER CHANNEL
3	0303880	NO	A	2	ROPING ROLLER
2	094795	-	-	4	CPLG COLLARS & CPLS CC3-50 3-50.59 SHAP COLLAR
1	010092	-	-	2	MSCE (CART ITEM) KNOB W/THREADED BLIND HOLE, SPTS STAR 3/8-16UNC, 3/4 STUD

1099301 PARTS KIT



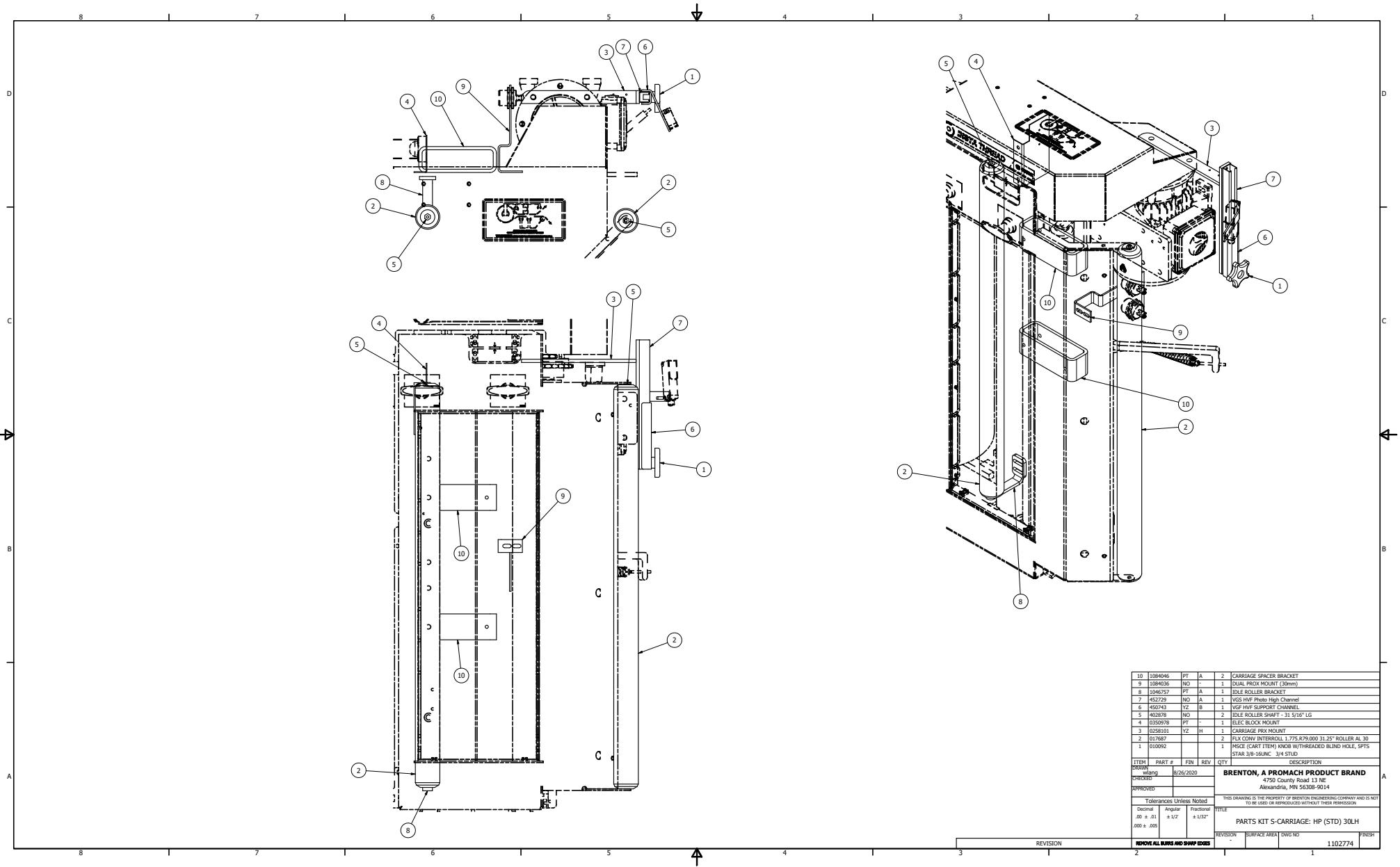
10	1084046	PT	A	2	CARRIAGE SPACER BRACKET
9	1084036	NO	-	1	DUAL PROX MOUNT (30mm)
8	0464757	PT	A	1	IDLER ROLLER BRACKET
7	452729	NO	A	1	VSS HWF Photo High Channel
6	450243	YZ	B	1	VGF HWF SUPPORT CHANNEL
5	423966	A	2	ISLEN ROLLER SHAFT	
4	0300978	PT	-	1	ELFC BLOCK MOUNT
3	0258101	YZ	H	1	CARRIAGE PROX MOUNT
2	015153	-	-	2	VGS CONV ROLLER, #1.775-479-21.25 Internal AL 20
1	010092	-	-	1	MSCE (CART ITEM) KNOB W/THREADED BLIND HOLE, SPTS STAR 3/8-16UNC, 3/4 STUD
ITEM	PART #	FIN	REV	QTY	DESCRIPTION



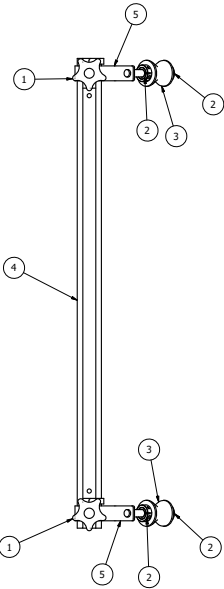
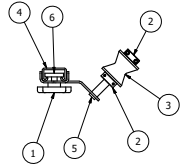
2	1099301	-	-	1	PARTS KIT S-CARRIAGE: HP (STD) 20LH
1	1099299	-	-	1	PARTS KIT S-CARRIAGE: FLEX/RT MR/SW ROLLERS 20LH
ITEM	PART #	FIN	REV	QTY	DESCRIPTION
drawing 8/26/2020 CHECKED APPROVED					
TOLERANCES UNLESS NOTED					
Decimal	Angular	Fractional	THIS DRAWING IS THE PROPERTY OF BRENTON ENGINEERING COMPANY AND IS TO BE USED OR REPRODUCED WITHOUT THEIR PERMISSION		
.00 ± .01	± 1/2°	± 1/32"			
.000 ± .005					
TITLE					
PARTS KIT S-CARRIAGE: HP MR 20LH					
REVISION					
SURFACE AREA		DRG NO	1099254		
REMOVE ALL BURS AND SHARP EDGES					

BRENTON, A PROMACH PRODUCT BRAND
4750 County Road 13 NE
Alexandria, MN 56308-9014

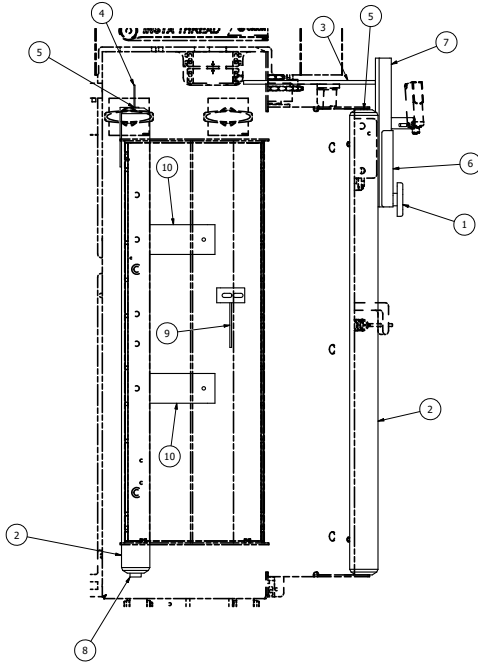
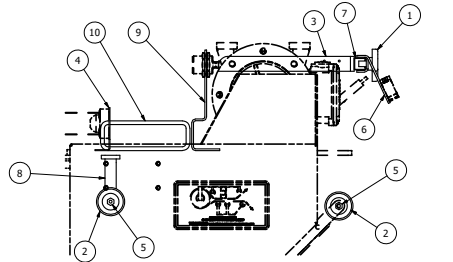
PARTS KIT S-CARRIAGE: HP MR 20LH



1099259 PARTS KIT

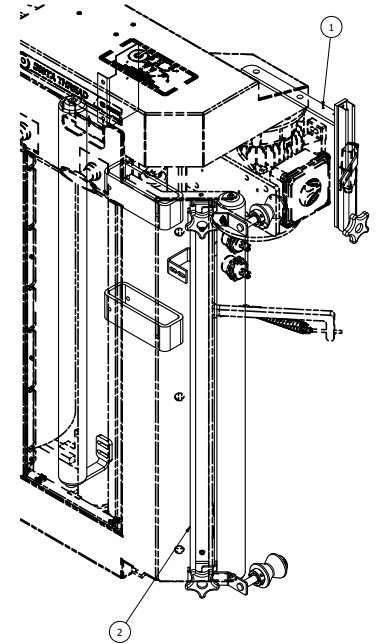
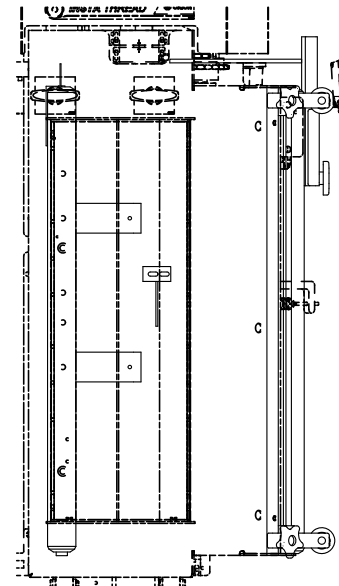
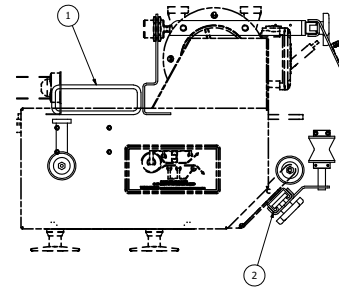


1102774 PARTS KIT

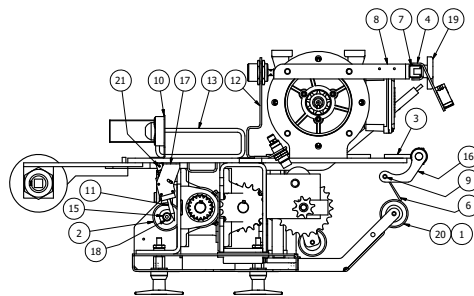


10	1094046	PT	A	2	CARRIAGE SPACER BRACKET
9	1084036	NO	-	1	DUAL PROX MOUNT (30mm)
8	1046757	PT	A	1	IDLE ROLLER BRACKET
7	452729	NO	A	1	VSS HVP PHOTO HIGH CHANNEL
6	450743	YZ	B	1	VGF HVP SUPPORT CHANNEL
5	402878	NO	-	2	IDLE ROLLER SHAFT - 31 5/16" LG
4	0350978	PT	-	1	ELEC BLOCK MOUNT
3	0258103	YZ	H	1	CARRIAGE PROX MOUNT
2	017687			2	FLX CONV INTERROLL 1.775 R79.000 31.25" ROLLER AL 20
1	010092			1	MSCE (CART ITEM) KNOB W/THREADED BLIND HOLE, SPTS STAR 3/8-16UNC 3/4 STUD

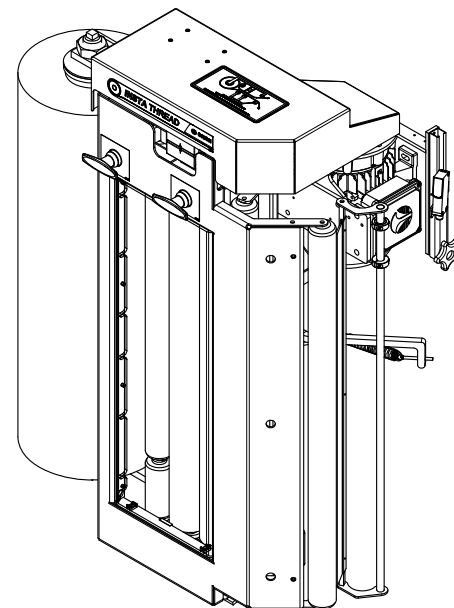
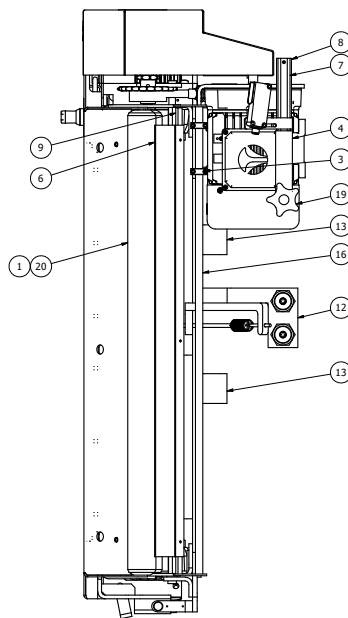
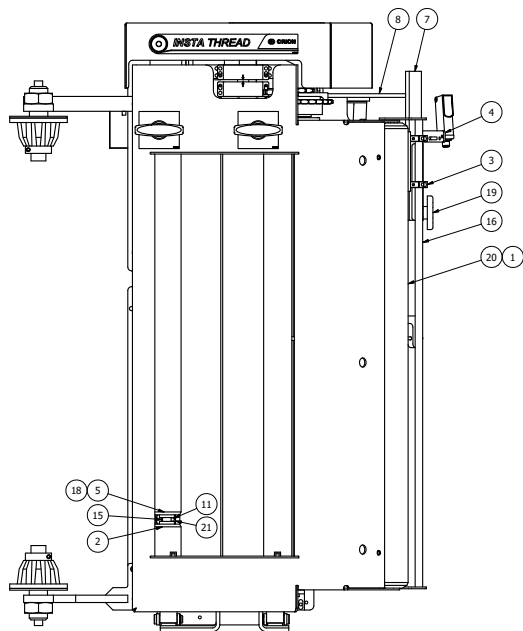
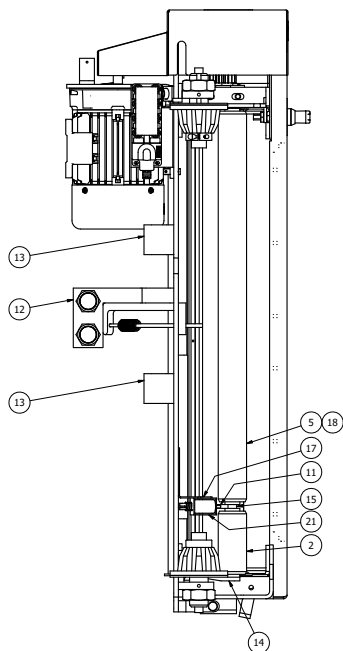
ITEM	PART #	FIN	REV	QTY	DESCRIPTION
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2	1099259	-	-	1	PARTS KIT S-CARRIAGE: RTVHP MR 30LH
1	1102774	-	-	1	PARTS KIT S-CARRIAGE: HP (STD) 30LH
ITEM	PART #	FIN	REV	QTY	DESCRIPTION
DRAWN					
DATE 8/26/2006					
CHECKED					
APPROVED					
Tolerances Unless Noted					
Decimal	Angular	Fractional	TITLE		
.00 ± .01	± 1/2°	± 1/32"	PARTS KIT S-CARRIAGE: HP MR 30LH		
.000 ± .005			REVISION		
REMOVE ALL BURS AND SHARP EDGES			SURFACE AREA		FINISH
			DWG NO		1102775



SOME COMPONENTS HIDDEN
FOR CLARITY IN THIS VIEW



21	743094		1	ACT ADAPTER 413 LARGE PUSH-PULL SOLENOID	
20	017687		1	FLX CONV INTERROLL 1.775 R75 000 31.25° ROLLER AL 30	
19	010092		1	MSCE (CART ITEM) KNOB W/THREADED BLIND HOLE, SPTS STAR 3/8-16UNC 3/4 STUD	
18	1102828	NO	-	SOLE ROLLER SHAFT	
17	1102827	PT	-	SOLENOID HNT BRACKET	
16	1102826	YZ	-	30° INSTA CUT BRUSH MOUNT	
15	1102799	NO	-	SPACER MOUNT 1.5 DIA 0.515 SS	
14	1099248	PT	A	SOLE ROLLER BRACKET	
13	1094046	PT	A	CARRIAGE SPACER BRACKET	
12	1094026	NO	-	SOLE PROXY MOUNT (30mm)	
11	0390350	NO	-	PUNCHING PIN	
10	0350978	PT	-	ELEC BLOCK MOUNT	
9	0277059	YZ	-	30° INSTA CUT ROTATING BRUSH MOUNT	
8	0058101	YZ	H	CARRIAGE PWA MOUNT	
7	4027229	NO	A	VGS HVP Photo High Channel	
6	402087	NO	-	BRUSH ASSEY - 30° CARRIAGE	
5	402084			SOLE ROLLER - 1.5 DIA X .26 S/B	
4	400743	YZ	B	VGF HVP SUPPORT CHANNEL	
3	443416	YZ	-	ADJUSTED ROLLER HOLDER-1	
2	401884	NO	-	SOLE ROLLER - 1.5 DIA X 4 S/B	
1	402878	NO	-	SOLE ROLLER SHAFT - 31 5/16" LG	
ITEM	PART #	FIN	REV	QTY	DESCRIPTION
DATE	09/9/2020				
DRAWN	bidmiller				
APPROVES					
Tolerances Unless Noted					
Decimal	Angular	Fractional			
.00 ± .01	± 1/2	± 1/32			
.000 ± .005					
REVISION					
SURFACE AREA DWG NO					
1102788					

BRENTO, A PROMACH PRODUCT BRAND		
4750 County Road 1 E		
Alexandria, NM 86801-9014		

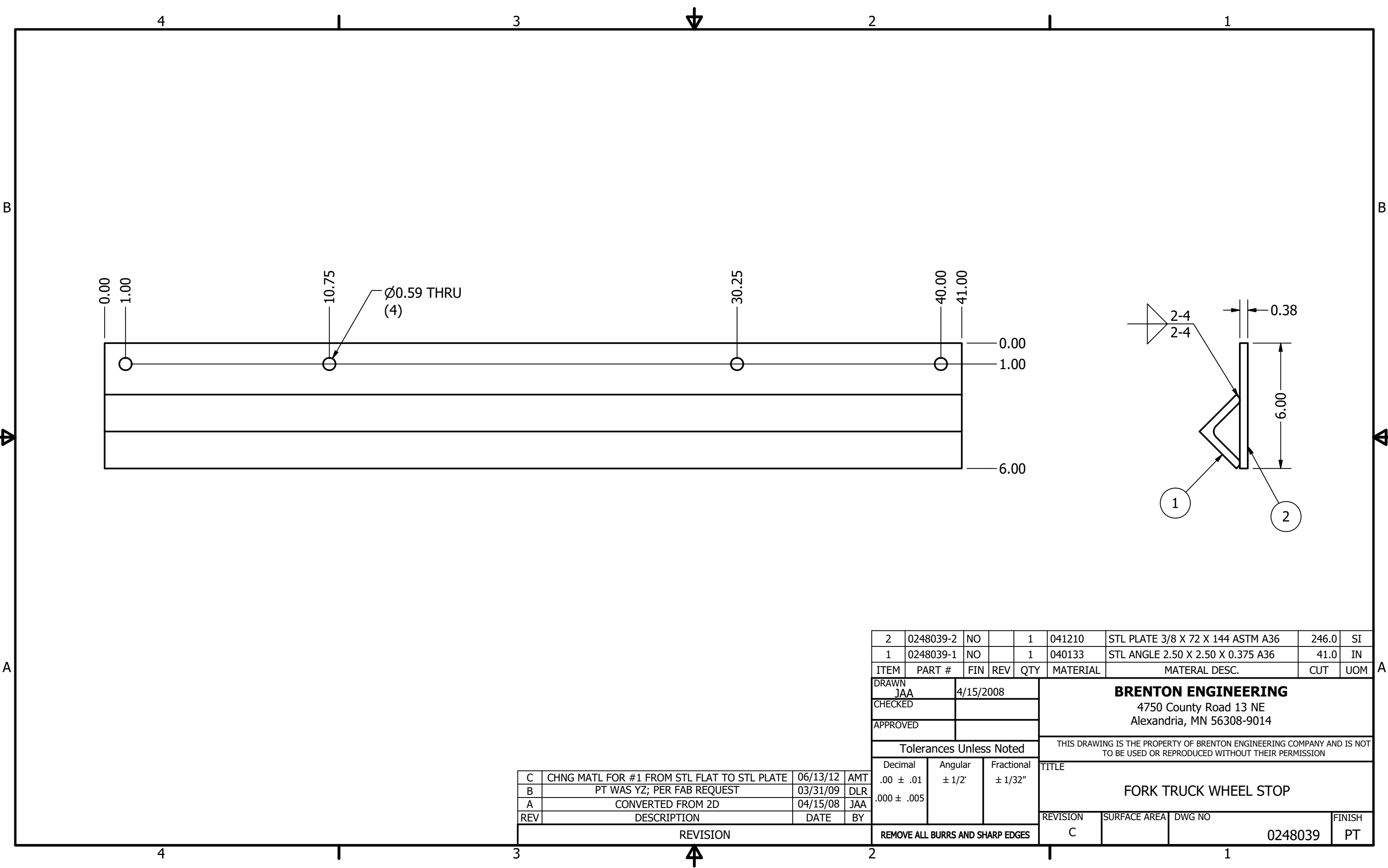
PARTS KIT C-SARRIAGE: HP IC 30LH	
REVISION	

1102788

BRENTON, A PROMACH PRODUCT BRAND
4750 County Road 13 NE
Alexandria, MN 56308-9014

PARTS KIT 5-CARRIAGE: HP IC 30LH

1102788



C	CHNG MATL FOR #1 FROM STL FLAT TO STL PLATE	06/13/12	AMT
B	PT WAS YZ; PER FAB REQUEST	03/31/09	DLR
A	CONVERTED FROM 2D	04/15/08	JAA
REV	DESCRIPTION	DATE	BY

REVISION			REMOVE ALL BURRS AND SHARP EDGES
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2	0248039-2	NO		1	041210	STL PLATE 3/8 X 72 X 144 ASTM A36	246.0	SI	
1	0248039-1	NO		1	040133	STL ANGLE 2.50 X 2.50 X 0.375 A36	41.0	IN	
ITEM	PART #	FIN	REV	QTY	MATERIAL	MATERAL DESC.	CUT	UOM	
DRAWN JAA		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 .00 ± .01 .000 ± .005		Angular ± 1/2°		Fractional ± 1/32"		TITLE FORK TRUCK WHEEL STOP			
REVISION C					SURFACE AREA		DWG NO 0248039		FINISH PT