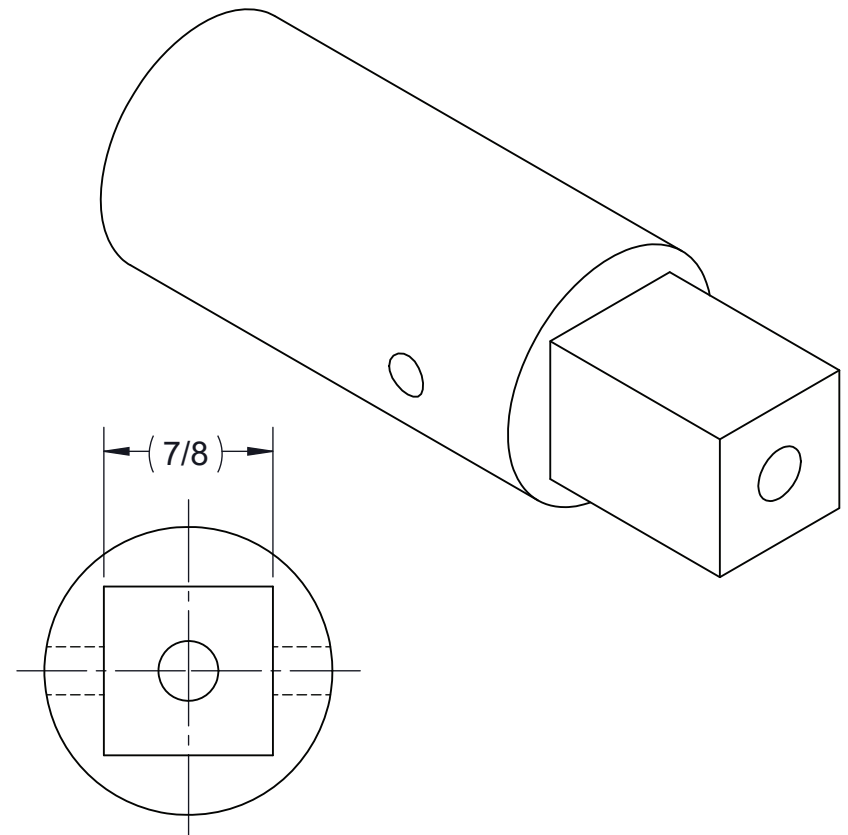
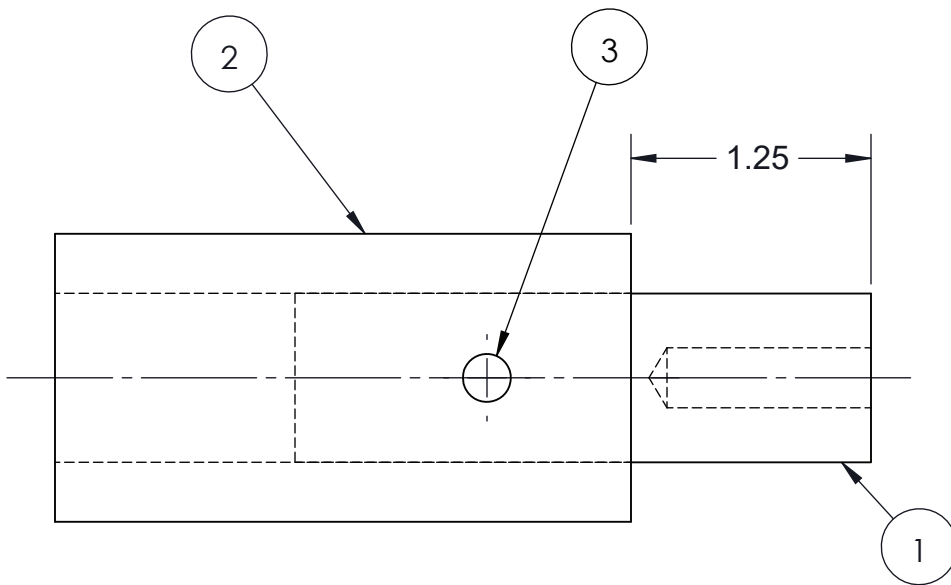




3	1	800318-002	PIN, ROLL, 1/4X3/4 LG
2	1	135004	SLEEVE, 7/8 SQ.
1	1	134996	SHAFT, 7/8 SQ.
ITM	QTY	PART NUM	DESCRIPTION

BILL OF MATERIALS

ARPAC

9511 WEST RIVER ST.
SCHILLER PARK, IL 60176

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONAL TOLERANCES:
FRACTIONS ± 1/64
TWO (2) DECIMALS ± 0.010
THREE (3) DECIMALS ± 0.005
ANGLES ± 0.5°

DRAWN: 8-13-99 BY: FEB SCALE: 1:1 SIZE: A

RELEASED: 8-13-99 FILENAME: 135005 APPROVED BY: FEB

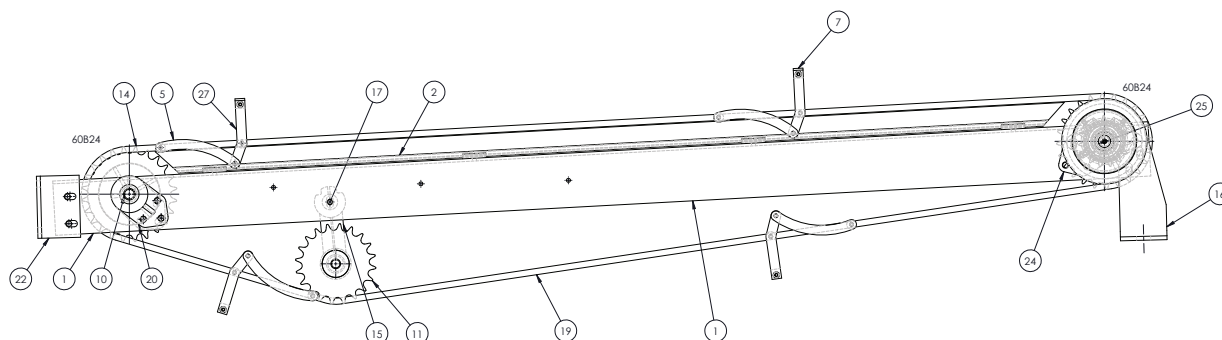
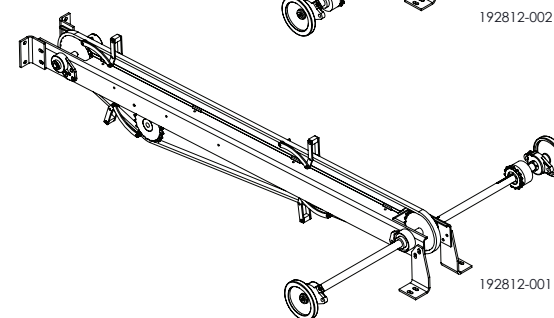
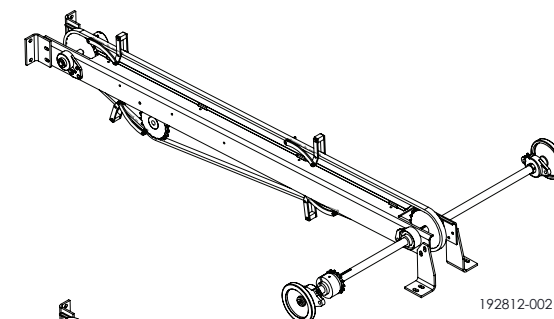
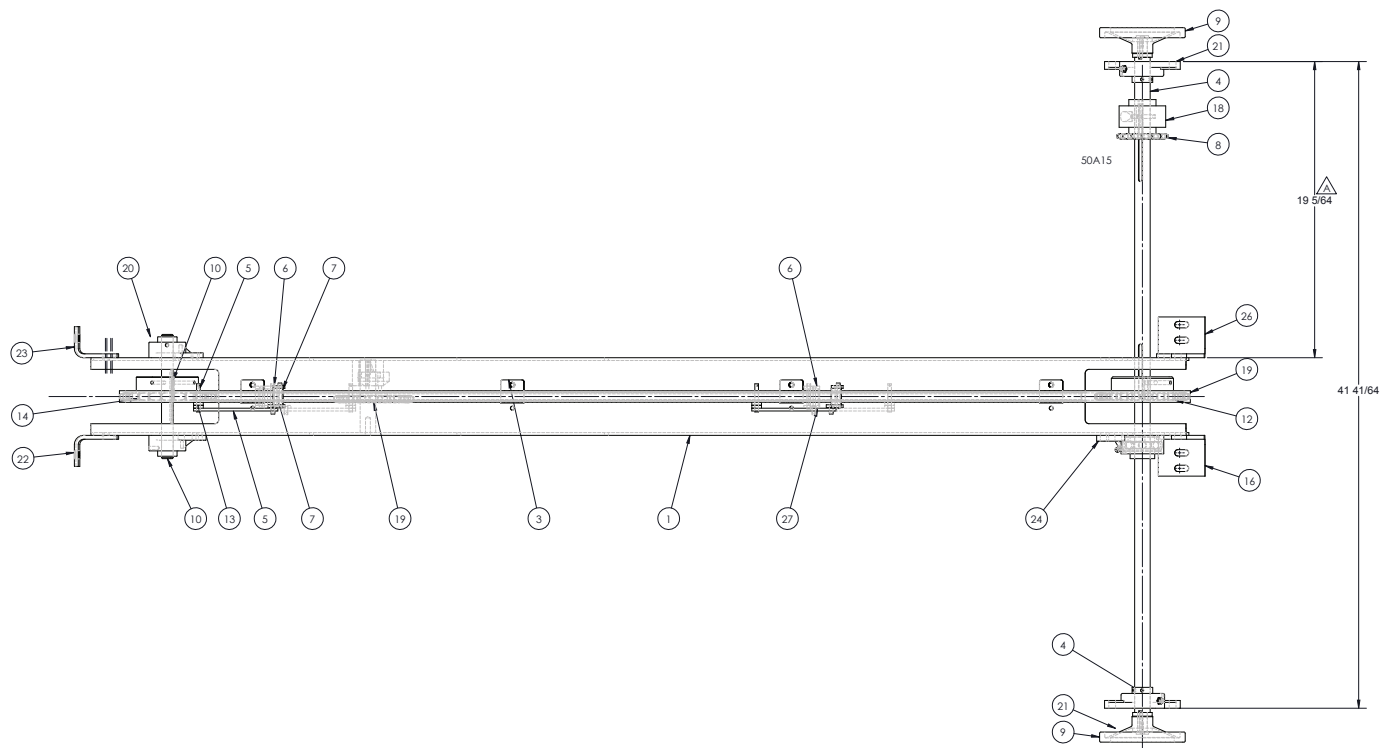
DESCRIPTION: ASSY, SLEEVE, SQUARE

DS

FINISH- NONE

DRAWING NUMBER:
135005

REVISIONS			
RV	DATE	BY	DESCRIPTION
A	4/23/2018	HG	19-5/64 WAS 18-21/64



ITEM	QTY	PART NUM	DESCRIPTION
27	4	199589	ARM, LUG WPINS, BLANK, CONV., LH MACH.
26	1	195403-002	BKT, FRONT, BLANK CONV. LH
25	2	809370	FSNR, WASHER, C/SINK, 4MM, TYPE GN184
24	1	837218	BRG, FLG, 1 ID, 3-BOLT, STD DUTY
23	1	191144-001	BRACKET, TAIL, BLANK, CONV. LH
22	1	191144	BRACKET, TAIL, BLANK, CONV. RH
21	2	827116	BRG, FLG, 1 ID, 2-BOLT, 3-88 BOLT CNTR.
20	2	306773	BRG, FLG, 3/4 ID, 3-BOLT STANDARD-DUTY
19	12	800489	CHAIN, RLR, #60, HOLLOW PIN, PLEASE ORDER TSUBAKI ONLY
18	1	800609	CPLG, PHASE-LOCK, HDI-25-11 BORE
17	1	191142	SHAFT, IDLER CONV., BLANK
16	1	195403-001	BKT, FRONT, BLANK CONV. RH
15	1	809688	TENSIONER, SATP
14	1	192817	SPKT, 60B24, MOD. 0.750 BORE
13	8	110024	SPACER, TOGGLE, DOG BLANK
12	1	128423	SPKT, 60B24
11	1	110022-001	SPKT, 60A20, MOD. 1.750 BORE
10	1	191145	SHAFT, IDLER
9	2	809078	HDVMT, SAFETY, W/CPLG, 5/8 B., 5 1/2OD
8	1	113060	SPKT, 50A15, MOD. 1.000 BORE
7	4	108844	SPACER, LUG PUSHER
6	4	199591	ARM, LUG
5	4	137849	ARM, PIVOT, LH
4	1	187247	SHAFT, DRIVE, CONV. BLANK
3	4	801350	CLAMP, RAIL, SINGLE, 1.5 LG. SS, ROUND HOLE
2	1	192598-000A	CHAIN, GUIDE, #60
1	1	192815	CHANNEL, FORMED, CONV. BLANK

BILL OF MATERIALS

ARPAC 9511 WEST RIVER ST.
SCHILLER PARK, IL 60176

UNLESS OTHERWISE SPECIFIED: FRACTIONS: ± 1/64
TWO (2) DECIMALS: ± 0.005
ALL DIMENSIONAL TOLERANCES: THREE (3) DECIMALS: ± 0.005
ANGLES: ± 0.5°

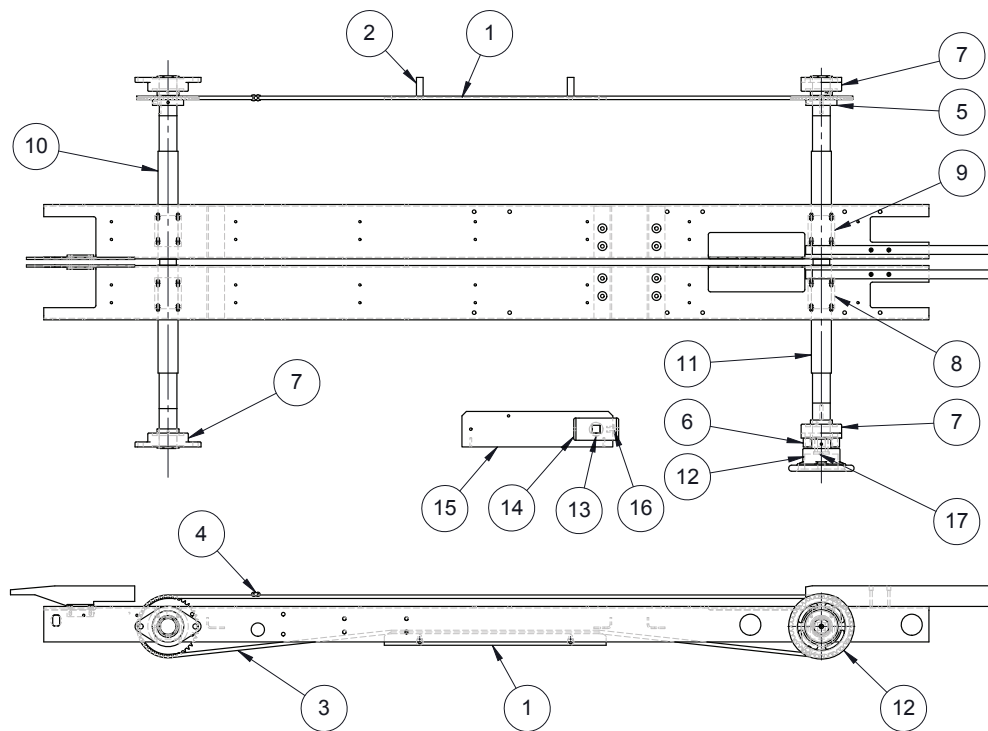
DRAWN: 06/14/2001 BY: FEB SCALE: 0.25:1 SIZE: D
RELEASED: 06/14/2001 FILENAME: 192812 APPROVED BY: FEB

DESCRIPTION: ASSY, CONV, FEED, BLANK

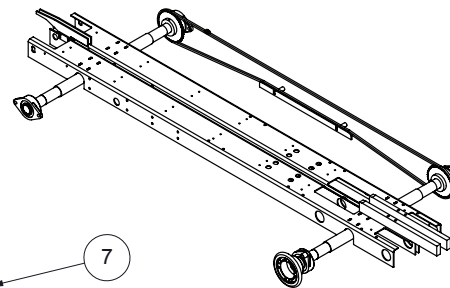
DRAWING NUMBER: 192812

36" PITCH X 4 = 144"

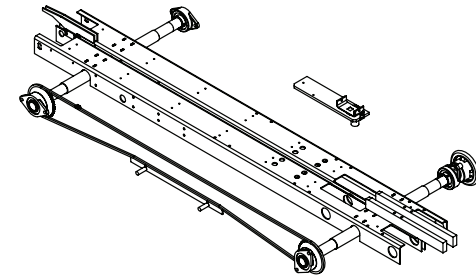
192812-001 LH MACHINE, AS SHOWN
192812-002 RH MACHINE, OPPOSITE



PART NUMBER	CONFIGURATION
220975	LH, AS SHOWN
220975-001	RH, OPPOSITE



220975



220975-001

17	1	324796	WASHER, SPECIAL
16	1	260166	PROX BRACKET
15	1	241985	PLT, MTG, RANGE
14	1	238683	WLDMT, WRENCH, INSERT
13	1	324771	SLEEVE, 7/8 SQ HOLE
12	1	324793	HANWHEEL, WITH INDICATOR
11	1	190806	ADJUST SCREW, W/ HANDLE
10	1	190805	ADJUST SCREW, W/OUT HANDLE
9	2	220981	BLK, LH THREAD, RAIL ADJ
8	2	220980	BLK, RH THREAD, RAIL ADJ
7	4	805929	BRG, FLG, 2 ID, 2-BOLT STANDARD-DUTY
6	2	134997	SPACER, 1" OD X 17/32 ID
5	2	104853	40B-42 SPROCKET, MOD, 2 BORE
4	1	800502	LINK, CONN, #40,
3	1	800462-002	CHAIN, RLR, #40, RLR RVT,
2	2	107918-100	CHAIN TAKE-UP SPACER
1	1	108213	SUPPORT, GUIDE CHAIN

ITM	QTY	PART NUM	DESCRIPTION
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BILL OF MATERIALS

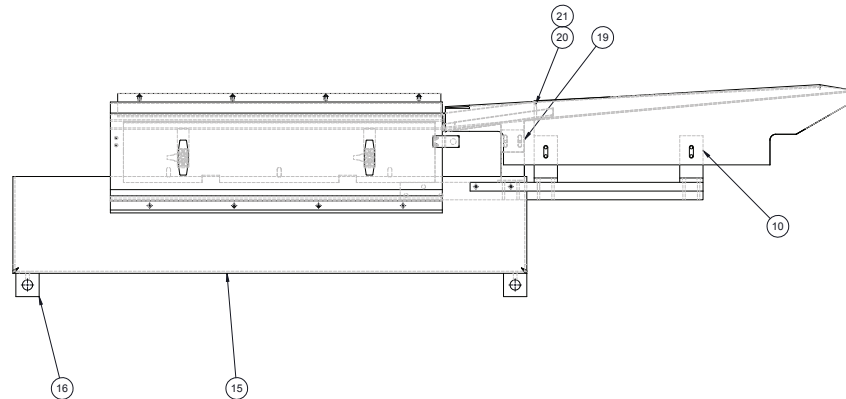
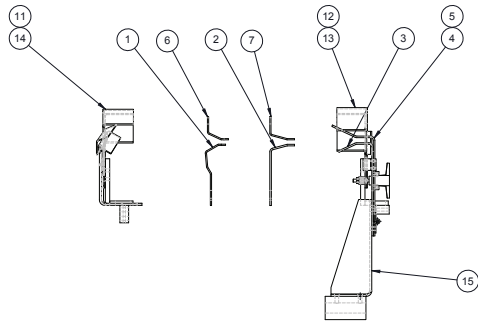
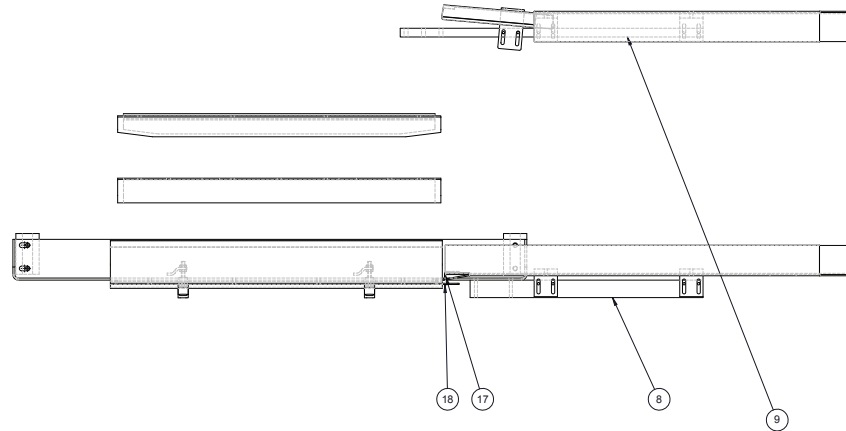
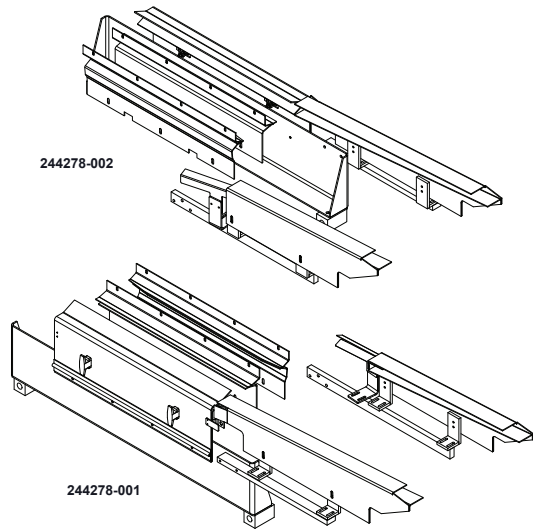
ARPAC 9511 WEST RIVER ST.
SCHILLER PARK, IL 60176

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONAL TOLERANCES:

FRACTIONS	± 1/64
TWO (2) DECIMALS	± 0.010
THREE (3) DECIMALS	± 0.005
ANGLES	± 0.5°

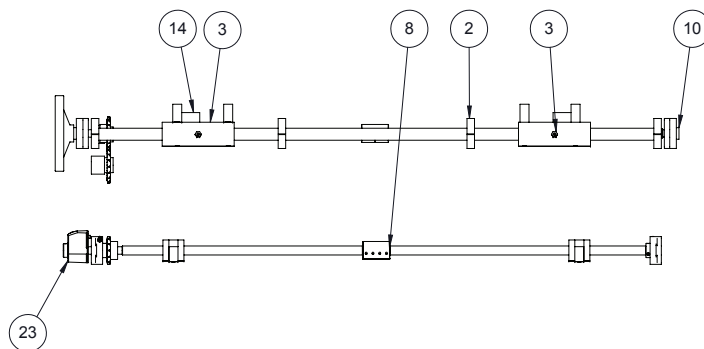
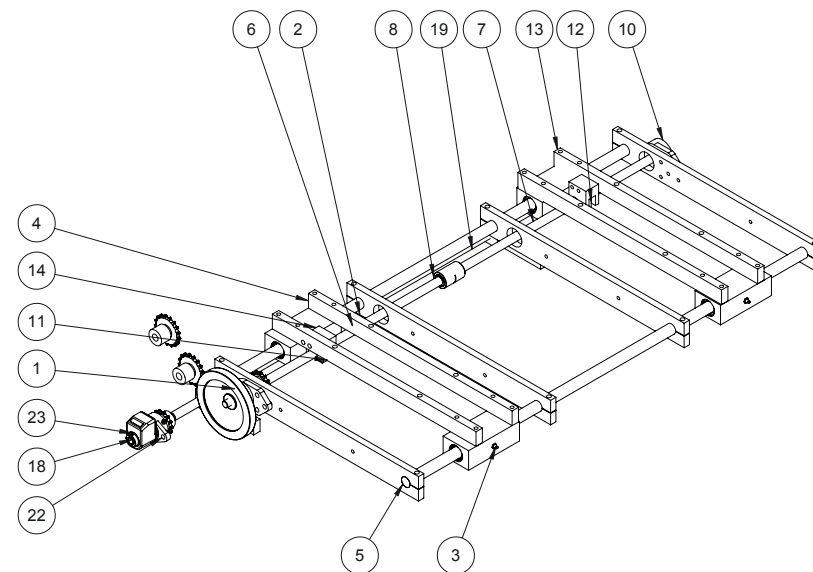
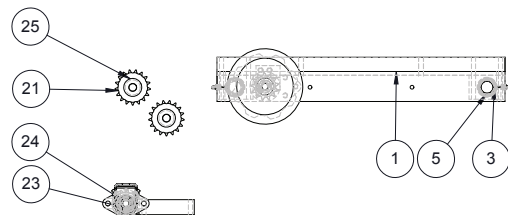
DRAWN: 10/03/2001	BY: TTR	SCALE: 1:14	SIZE: B
RELEASED:	FILENAME: 220975	APPROVED BY: TTR	
DESCRIPTION:	ASSY, SCREW, ADJ		

	DRAWING NUMBER: 220975
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21	1	244264-001	BLANK GUIDE, BOTTOM, LH
20	1	244293-001	BLANK GUIDE, TOP, LH
19	1	244292	BKT, BLANK GUIDE
18	1	242173	BKT, PROX, TARGET
17	1	242172	BKT, PROX
16	2	193143	NUT, REAR DOOR, LH THD.
15	1	193142-002	IMNT, DOOR, RH MACH
14	1	244266-002	GUIDE, SIDE, BLANK, LH
13	1	193141	GUIDE, SIDE, BLANK
12	1	193138	BLANK SUPPORT, BOTTOM
11	1	244267-002	SUPPORT, BOTTOM, BLANK, LH
10	4	187499	BRACKET
9	1	193137	BAR, BLANK GUIDE HOLDER
8	1	193136	BAR, BLANK GUIDE SUPPORT
7	1	193174	LIMITOR, TOP, BLANK
6	1	193173	LIMITOR, TOP, BLANK
5	2	802653	LATCH, VISE-ACTION
4	1	187546	DOOR
3	1	187545	SUPPORT, LOWER DOOR
2	1	193135	SUPPORT, BLANK
1	1	193134	SUPPORT, BLANK
ITEM	QTY	PART NUM	DESCRIPTION
BILL OF MATERIALS			
AIRPAC 9511 WEST RIVER ST. SCHILLER PARK, IL 60176			
UNLESS OTHERWISE SPECIFIED: FRACTIONS: ± 1/64 TWO (2) DECIMALS: ± 0.005 THREE (3) DECIMALS: ± 0.005 ANGLES: ± 0.5°			
DRAWN: 4/09/2007	BY: LLS	SCALE: 0.1875:1	SIZE: D
RELEASED: 4/09/2007	FILENAME: 244278	APPROVED BY: LLS	
DESCRIPTION: ASSY, BLANK, SUPPORT & GUIDE			
DRAWING NUMBER: 244278			

PART NUMBER	DESCRIPTION	ITEM 12	PART DESCRIPTION	ITEM 13	PART DESCRIPTION
244278-001	LH, AS SHOWN	193138	BLANK, SUPPORT, BOTTOM, MAGAZINE SIDE	193139	BLANK, SUPPORT, BOTTOM, DOOR SIDE
224278-002	RH, OPPOSITE	193141	GUIDE, SIDE, BLANK, MAGAZINE SIDE	193140	GUIDE, SIDE, BLANK, DOOR SIDE



286728 AS SHOWN
286728-001 OPPOSITE

25	2	294630	SPACER, IDL SPKT
24	1	822341	SLEEVE, 5/8ID, 3/4OD
23	1	822223	COUNTER, POSITION, CODE: CE986019
22	2	807746	BRG, FLG, 5/8 ID, 2-BOLT STANDARD-DUTY
21	2	800906	SPKT, 40BB17H, IDL, 5/8 ID, EXTREME SK9445
20	2	136727	SPKT, 40B13, MOD, 0.625 BORE
19	1	197876	SHAFT, ADJUSTING, LOWER, LH THD
18	1	197875	SHAFT, ADJUSTING, LOWER, RH THD
17	1	197874	NUT, LH
16	1	197873	NUT, RH
15	2	197872	BLK
14	2	197865	BLK
13	2	193214	SPACER
12	1	221899	NUT, LH
11	1	193213	NUT, ADJ., RH THD
10	2	802862	BRG, FLG, 5/8 ID, 3-BOLT STANDARD-DUTY
9	1	846703	HANDWHEEL, .63 DIA, COATED AL DISK W/O HANDLE, 0.5BORE
8	2	817248-001	CPLG, 5/8 BORE, ONE-PIECE W/KEYWAY, SS
7	1	193212	ADJUSTING SHAFT - COLLATOR, TS 2000
6	1	193211	ADJUSTING SHAFT - COLLATOR, TS 2000
5	2	193210	SHAFT , GUIDE
4	2	193209	SPACER
3	4	193204	ASSY, BLK, BUSH, SHAFT, 1", 6" LG, INCLUDES CARRIAGE BUSH BLK
2	2	193206	CLAMP, GUIDE, SHAFT
1	2	193205	CLAMP, GUIDE, SHAFT
ITM	QTY	PART NUM	DESCRIPTION

BILL OF MATERIALS



9511 WEST RIVER ST.
SCHILLER PARK, IL 60176

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONAL TOLERANCES:

FRACTIONS	$\pm 1/64$
TWO (2) DECIMALS	± 0.010
THREE (3) DECIMALS	± 0.005
ANGLES	$\pm 0.5^\circ$

DRAWN: 9/22/2020

BY:	
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SCALE: 1:8

SIZE: C

FILENAME:	286728
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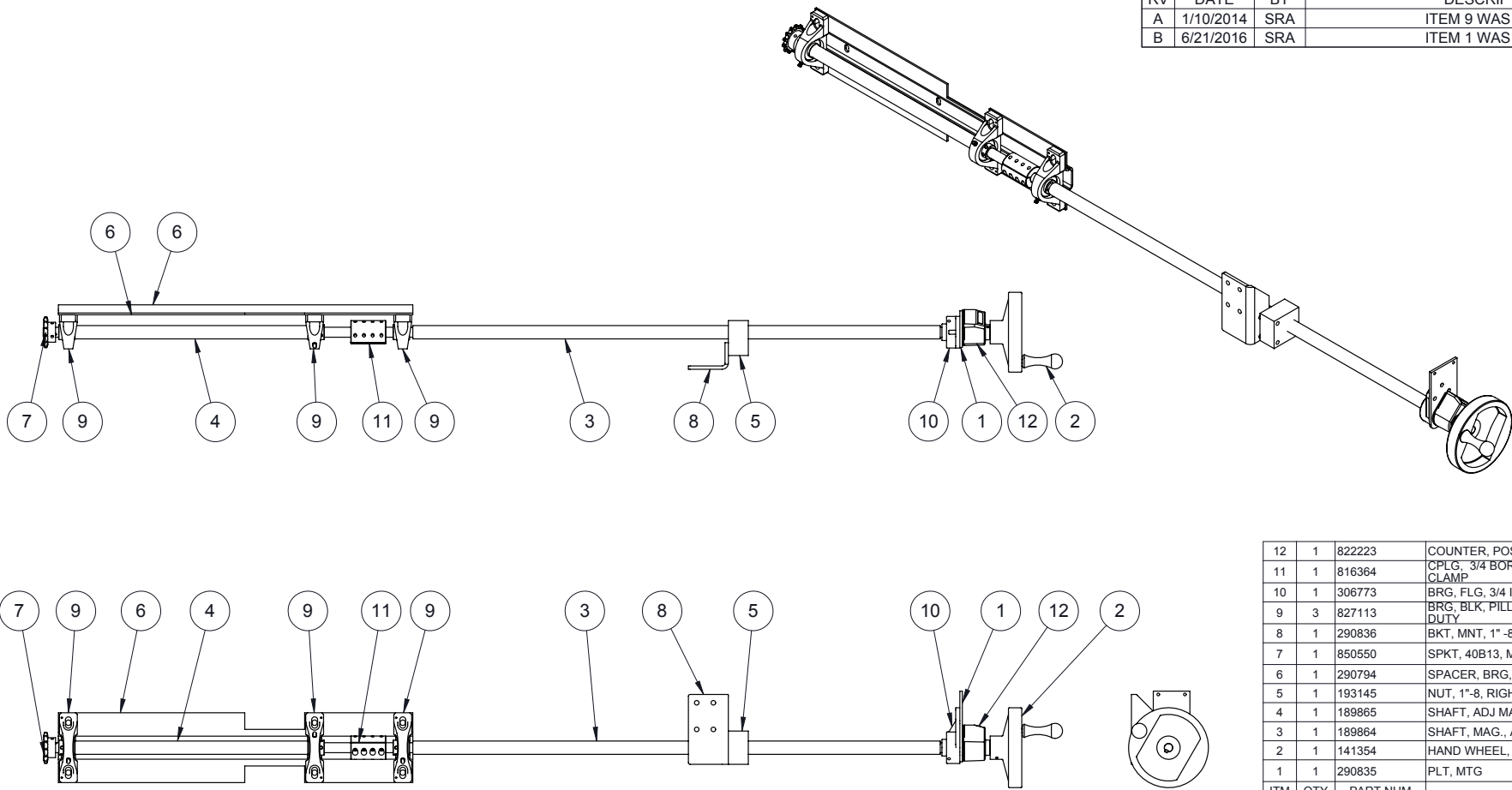
DESCRIPTION:

ASSY, COLLATOR GUIDE & ADJ.



DRAWING NUMBER:

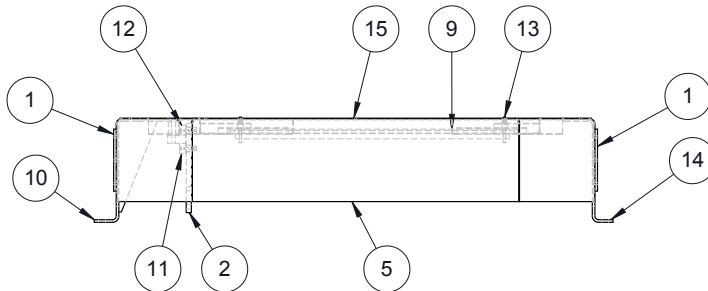
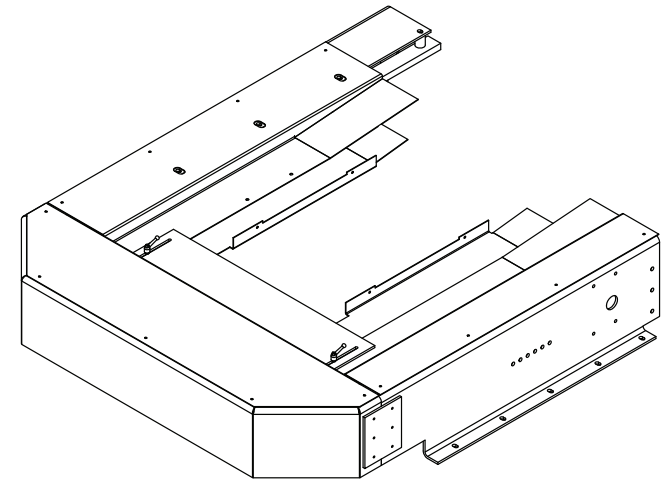
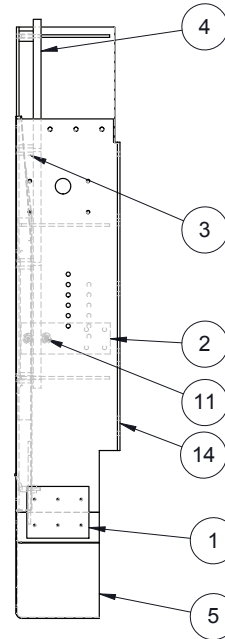
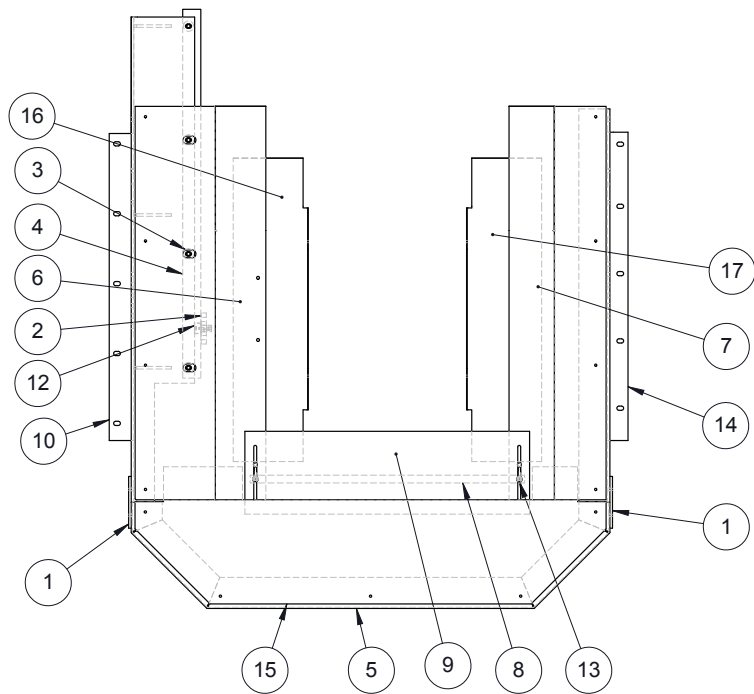
286728



REVISIONS			
RV	DATE	BY	DESCRIPTION
A	1/10/2014	SRA	ITEM 9 WAS 802731
B	6/21/2016	SRA	ITEM 1 WAS 101909

12	1	822223	COUNTER, POSITION, CODE: CE986019
11	1	816364	CPLG, 3/4 BORE, SPLIT CLAMP 8-BOLT CLAMP
10	1	306773	BRG, FLG, 3/4 ID, 3-BOLT, MOD.
9	3	827113	BRG, BLK, PILLOW, 3/4 ID, INTERMEDIATE DUTY
8	1	290836	BKT, MNT, 1" -8 RH NUT
7	1	850550	SPKT, 40B13, MOD, 0.750 BORE, KQY&SS
6	1	290794	SPACER, BRG, MTG
5	1	193145	NUT, 1"-8, RIGHT HAND
4	1	189865	SHAFT, ADJ MAGAZINE
3	1	189864	SHAFT, MAG., ADJ., FRONT
2	1	141354	HAND WHEEL, SPECIAL
1	1	290835	PLT, MTG

ITM	QTY	PART NUM	DESCRIPTION
BILL OF MATERIALS			
		ARPAC	9511 WEST RIVER ST. SCHILLER PARK, IL 60176
		UNLESS OTHERWISE SPECIFIED ALL DIMENSIONAL TOLERANCES:	FRACTIONS ± 1/64 TWO (2) DECIMALS ± 0.010 THREE (3) DECIMALS ± 0.005 ANGLES ± 0.5°
DRAWN:	10/27/2012	BY: SR	SCALE: 1:8 SIZE: B
RELEASED:	10/27/2012	FILENAME: 290792	APPROVED BY: SRA
DESCRIPTION: ASSY, SCREW, ADJ, RH			
			DRAWING NUMBER: 290792



17	1	282786-001	GUARD, MAGAZINE, RH
16	1	282786	GUARD, MAGAZINE
15	1	282746-001	COVER, TOP, END
14	1	195417-001	CHANNEL, MAGAZINE, RH, LH MACHINE
13	2	810224	HDL, ADJ, SS, 1.57 LG 1/4-20 X 1.18 STUD
12	1	809737	FOLLOWER, CAM, 1 OD, 5/8-18 STUD, W/HEX HOLE, SEALED
11	1	802881	FOLLOWER, CAM, 1 OD, 7/16-20 STUD, CROWNED, ECCENTRIC 5/8 O.D
10	1	290830	WLDMT, CHANNEL, MAGAZINE, RH
9	1	282750	PLT, SLIDE, GUARD
8	1	282749	PLT, NUT
7	1	282748-001	COVER, TOP, DOWNSTREAM
6	1	282747-001	COVER, TOP, UPSTREAM
5	1	193151	COVER, BACK, MAGAZINE
4	1	189870	RAIL
3	4	189860	SPACER
2	1	189859	PLATE, BEARING MTG.
1	2	188687	PLATE, NUT
ITM	QTY	PART NUM	DESCRIPTION

BILL OF MATERIALS

ARPAC 9511 WEST RIVER ST.
SCHILLER PARK, IL 60176

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONAL TOLERANCES:

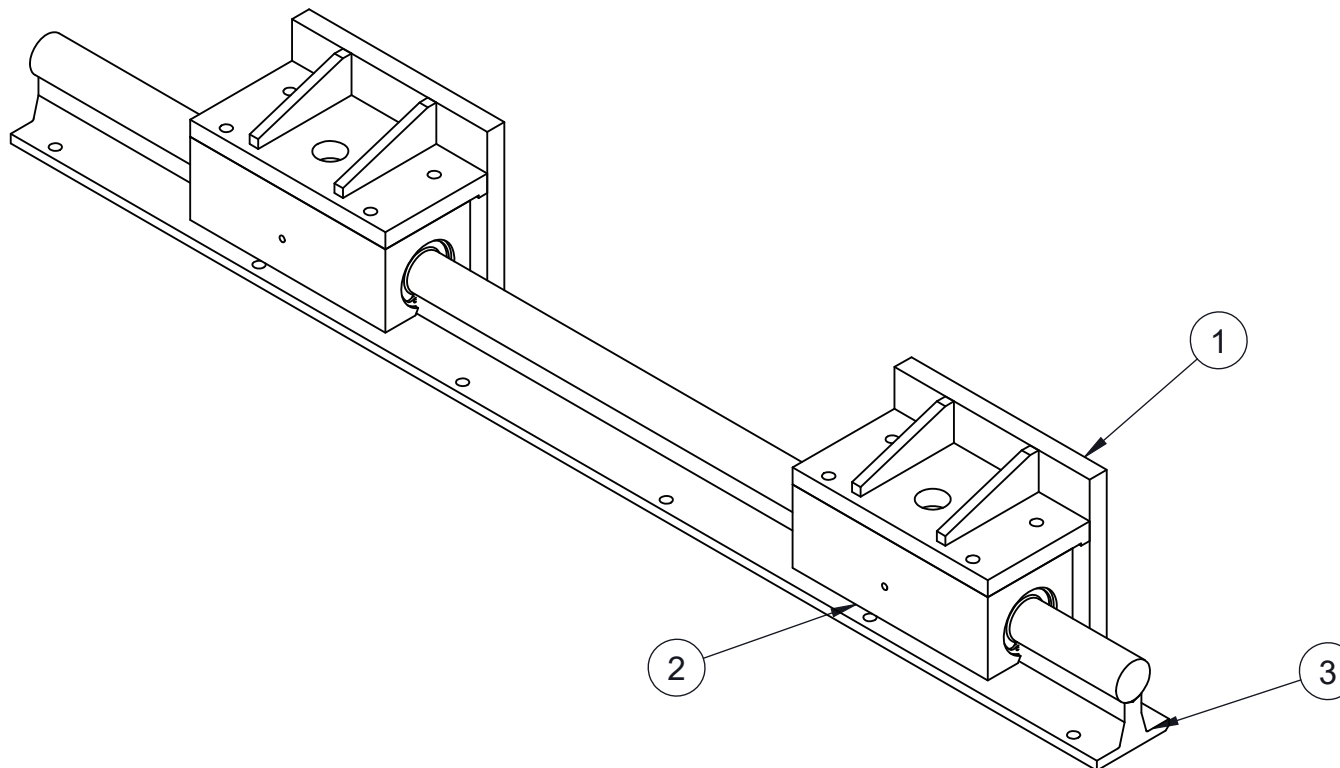
FRACTIONS ± 1/64
TWO (2) DECIMALS ± 0.010
THREE (3) DECIMALS ± 0.005
ANGLES ± 0.5°

DRAWN: 11/3/2012 BY: SR SCALE: 1:12 SIZE: B
RELEASED: 11/3/2012 FILENAME: 290825 APPROVED BY: SRA

DESCRIPTION: ASSY, MAGAZINE, GUIDE, SUPPORT, RH

AS

DRAWING NUMBER:
290825



3	1	187337	SHAFT, RAIL
2	2	187346	ASSY, PILLOW BLOCK, OPEN
1	2	189866	BRACKET, MTG, SLIDE, BEARING
ITM	QTY	PART NUM	DESCRIPTION

BILL OF MATERIALS

ARPAC

9511 WEST RIVER ST.
SCHILLER PARK, IL 60176

UNLESS OTHERWISE SPECIFIED FRACTIONS $\pm 1/64$
ALL DIMENSIONAL TOLERANCES: TWO (2) DECIMALS ± 0.010
THREE (3) DECIMALS ± 0.005
ANGLES $\pm 0.5^\circ$

DRAWN: 10/27/12 BY: SR SCALE: 1:4 SIZE: A

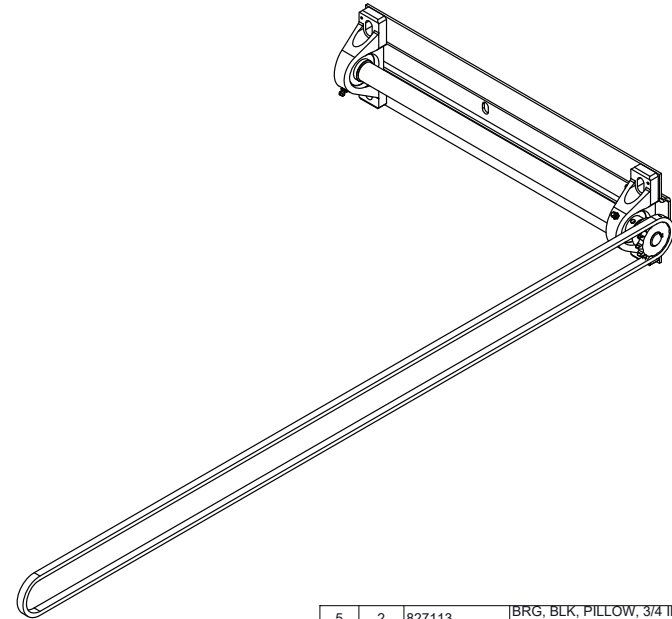
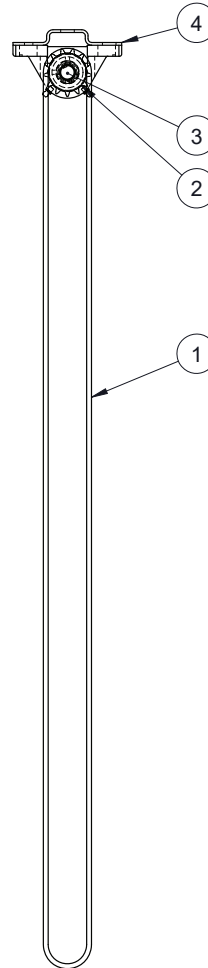
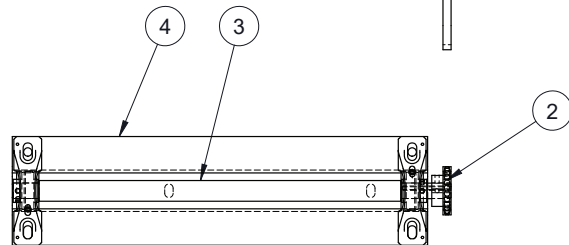
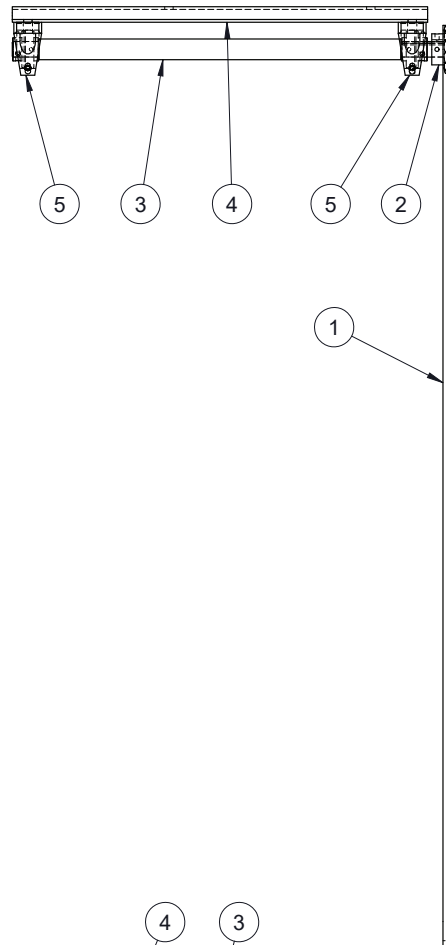
RELEASED: 10/27/2012 FILENAME: 290827

DESCRIPTION:

ASSY, MAGAZINE, GUIDE, RH



DRAWING NUMBER:
290827



REVISIONS			
RV	DATE	BY	DESCRIPTION
A	1/10/2014	SRA	ITEM 5 WAS 802731
B	6/21/2016	SRA	ITEM 2 WAS 101909

5	2	827113	BRG, BLK, PILLOW, 3/4 ID, INTERMEDIATE DUTY
4	1	193148	SPACER, BRG, MTG
3	1	188681	SHAFT, THREAD, REAR DOOR
2	1	850550	SPKT, 40B13, MOD, 0.750 BORE, AKA 101909
1	1	800462	CHAIN, RLR, #40, RLR RVT
ITM	QTY	PART NUM	DESCRIPTION

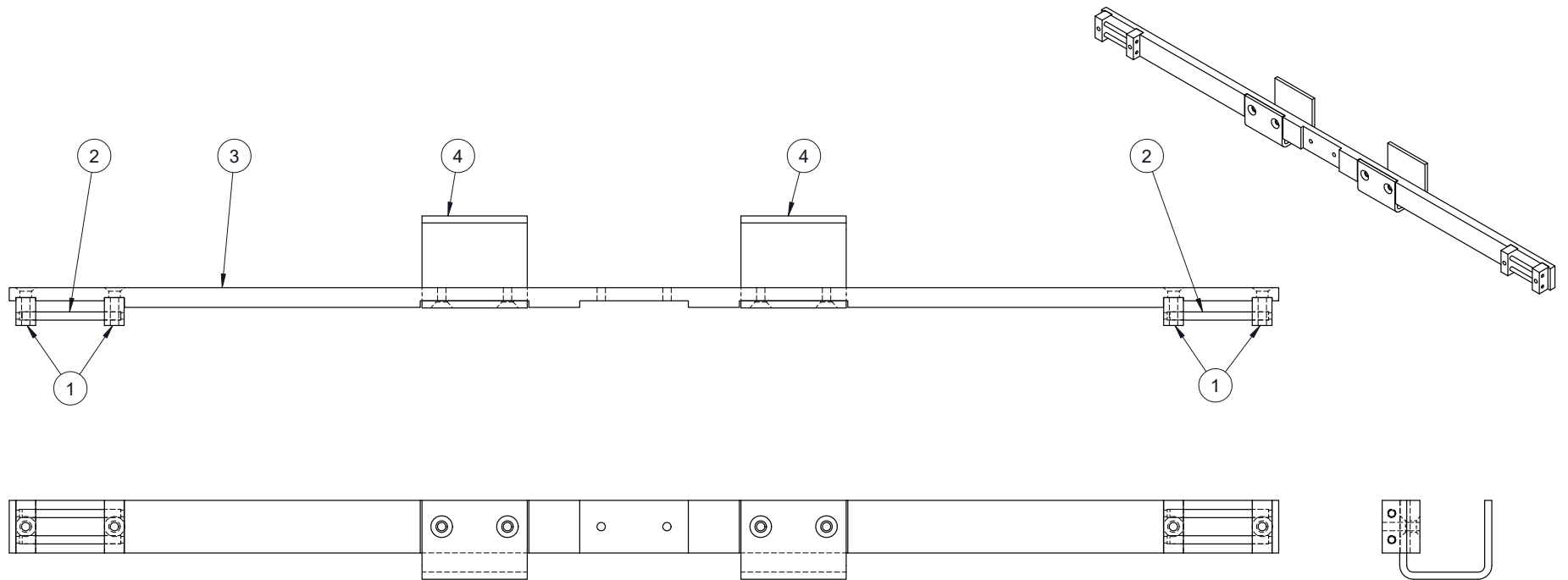
BILL OF MATERIALS

ARPAC 9511 WEST RIVER ST.
SCHILLER PARK, IL 60176

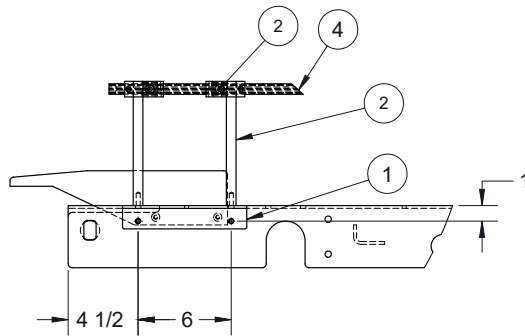
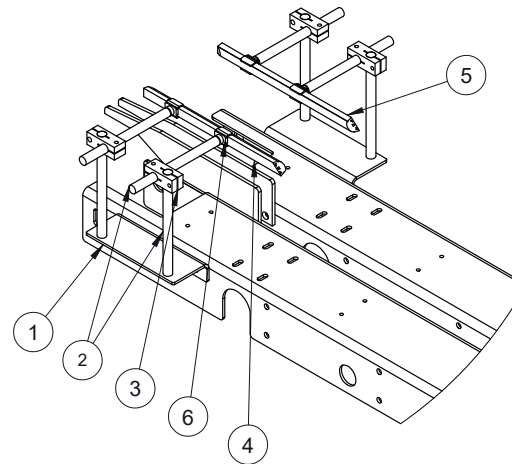
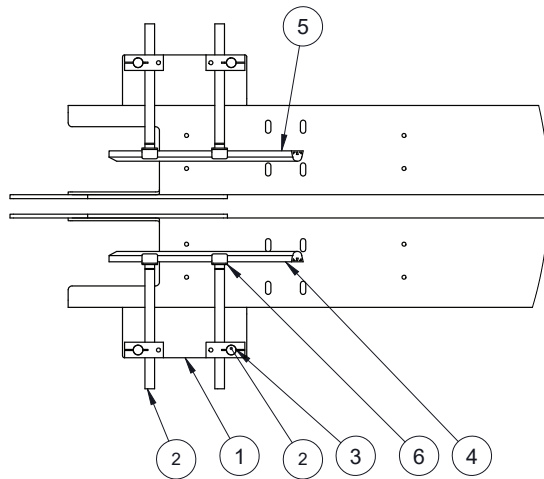
UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONAL TOLERANCES:

FRACTIONS ± 1/64
TWO (2) DECIMALS ± 0.010
THREE (3) DECIMALS ± 0.005
ANGLES ± 0.5°

DRAWN: 10/27/12	BY: SR	SCALE: 1:6	SIZE: B
RELEASED: 10/27/2012	FILENAME: 290828	APPROVED BY: SRA	
DESCRIPTION: ASSY, SCREW, ADJ, MAGAZINE			
DRAWING NUMBER: 290828			

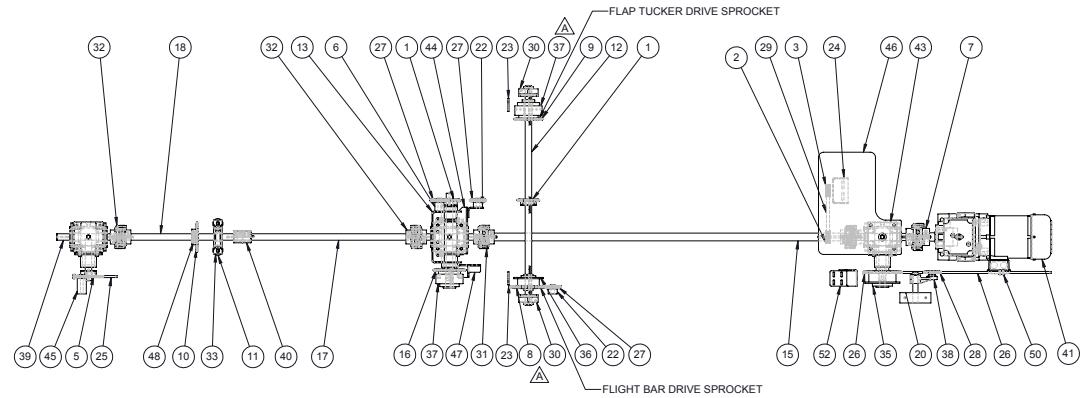


4	2	187536	PUSHER
3	1	213237	BAR, PUSHER
2	4	213238	PIN
1	4	213236	BLOCK
ITM	QTY	PART NUM	DESCRIPTION
BILL OF MATERIALS			
ARPAC		9511 WEST RIVER ST. SCHILLER PARK, IL 60176	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONAL TOLERANCES:		FRACTIONS TWO (2) DECIMALS THREE (3) DECIMALS ANGLES	± 1/64 ± 0.010 ± 0.005 ± 0.5°
DRAWN:	10/26/12	BY:	SR
RELEASED:	10/26/2012	FILENAME:	290834
DESCRIPTION:		APPROVED BY:	SRA
		ASSY, BAR, CHAIN, MAGAZINE FEED	
		DRAWING NUMBER: 290834	



6	4	807831	CLIP, RAIL, SELF-TIGHTENING, 5/16 STUD X 5/8 LG, SS, HEAVY DUTY
5	1	283419-002	GUIDE, SIDE, PRODUCT, LH
4	1	283419-001	GUIDE, SIDE, PRODUCT, RH
3	4	283373	BLK, CLAMP
2	8	810231	ROD, ADJ, 5/8 X 8 LG, 5/16-18 TAP, SS
1	2	283368	BKT, MTG, GUIDE
ITM	QTY	PART NUM	DESCRIPTION
BILL OF MATERIALS			
ARPAC		9511 WEST RIVER ST. SCHILLER PARK, IL 60176	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONAL TOLERANCES:		FRACTIONS TWO (2) DECIMALS THREE (3) DECIMALS ANGLES	± 1/64 ± 0.010 ± 0.005 ± 0.5°
DRAWN:	12/3/2012	BY:	SRA
RELEASED:	12/3/2012	FILENAME:	291515
DESCRIPTION:		APPROVED BY:	SRA
		ASSY, GUIDE, SIDE, PRODUCT	
<i>AS</i>		DRAWING NUMBER: 291515	

REVISIONS			
RV	DATE	BY	DESCRIPTION
A	8/18/2016	SRA	CHANGED POSITIONS OF ITEMS 8, 9, 36, AND 37
B	11/15/2016	SRA	ITEM 41 WAS PART # 846368

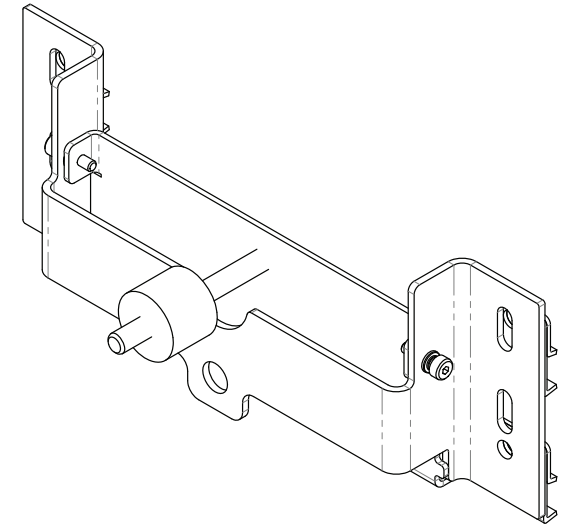
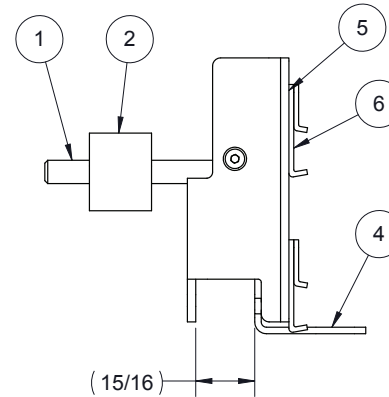
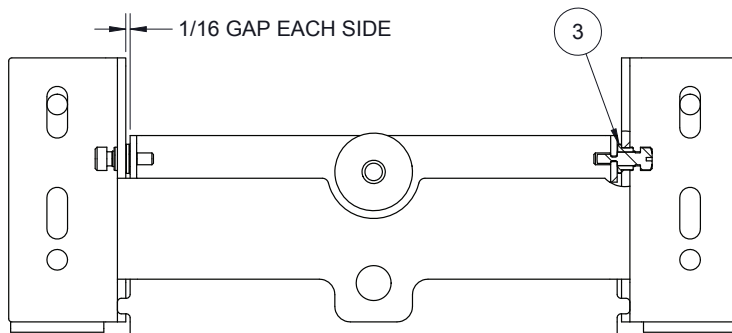
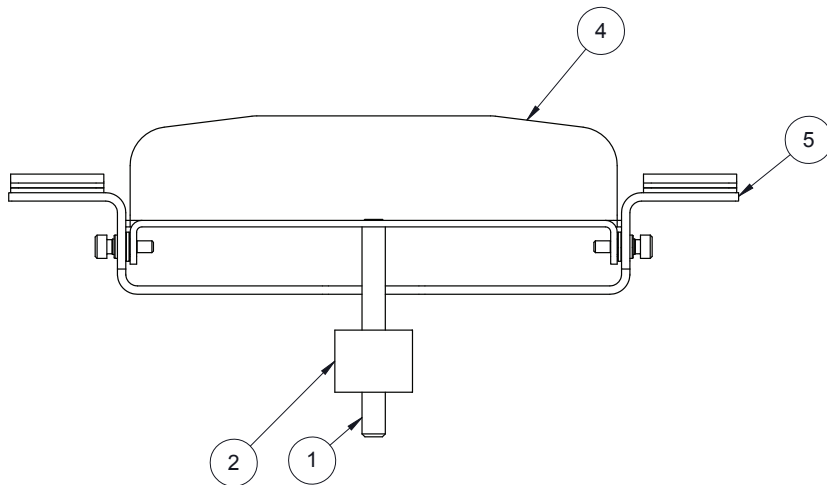


ITEM 52 NOT SHOWN

52	1	272049	BKT. MTG. PROX
51	1	810218	BUSH, 1-3/8 BORE
50	1	800516	LINK, CONN. #60, COATED
49	1	800505	LINK, CONN. #50
48	1	803868-002	LOCKING DEVICE, KEYLESS 3/4
47	1	272050-001	WLDMT. BKT. MTG. PROX
46	1	228961-001	GUARD, ENCODER, DRIVE
45	1	129863-002	SPACER, IDLER, 2 1/2
44	1	221623-001	WLDMT. MTG. IDL. GEARBOX
43	1	825367	GEARBOX, BEVEL, 1:1, SPIRAL GEAR, 1-3/8 DIA. ALL SHAFTS, TYPE A
42	1	823018	GEARBOX, BEVEL, 1:1, SPIRAL GEAR, 1-1/4 DIA. ALL SHAFTS, TYPE A
41	1	851244	GEARMOTOR, HELICAL, IN-LINE, 5 HP, 230/460V, RATIO: 24.4:1, 1755 RPM MOTOR SPEED, PREMIUM EFFICIENCY
40	1	816281	CPLG., 1.25 X 1.25, KEYED
39	1	809942	GEARBOX, BEVEL, 1:1, SPIRAL GEAR, 1-1/4 DIA. ALL SHAFT, TYPE A
38	1	809688	TENSIONER, SA/T
37	2	808643	CLUTCH, OVERLOAD, BORE 1 1/4, PROX. PLT. SET TO 75 IN-#, WARPAC #
36	1	808642	CLUTCH, OVERLOAD, BORE 1 1/4, PROX. PLT. SET TO 500 IN-#, WARPAC #
35	1	808641	CLUTCH, OVERLOAD, W/O BUSHING, PROX. PLT. SET TO 1000 IN-#, WARPAC #
34	1	808474	CPLG., DISC, SINGLE FLEX, 1-1/2 X 1-3/8
33	1	807444	BRG., PILLOW BLK., 1-1/4 ID
32	2	807271	CPLG., DISC, SINGLE FLEX
31	1	803815	CPLG., DISC, SINGLE FLEX, 1-1/2 X 1-1/4
30	2	802835	BRG., LG., 1-1/4 ID, 3-BOLT
29	1	801160	STANDARD DUTY BELT, TIMING, 5MM P, 15MM W, 670MM LG.
28	1	800915	SPKT., 608B13H, IDLER, 5/8 ID
27	4	800905	SPKT., 608B13H, IDLER, 5/8 ID, HARDENED TEETH
26	1	800486	CHAIN, RLR, #50
25	1	800468	CHAIN, RLR, #50
24	1	283170	BKT. MTG. ENCODER
23	2	272670	BKT., PROX.
22	2	226433	SPACER, IDLER
21	2	225523	SPACER, MNT., GEAR BOX
20	1	194537	PLT., NUT
19	1	194536	BKT., TENSIONER
18	1	194527	MAIN DRIVE SHAFT
17	1	194526	SHAFT, MAIN DRIVE
16	1	193168	SPROCKET, SPECIAL
15	1	193167	SHAFT, DRIVE, MAIN
14	1	193166	SPROCKET, SPECIAL
13	1	191136	BRKT., IDLER, INFEED & FLIGHT BAR
12	1	191121	JACK SHAFT, 1-1/4 DIA
11	2	187563	SPKT., 108S24
10	1	187514	SPKT. WITH POWER LOCK
9	1	187506	SPROCKET, SPECIAL
8	1	187505	SPROCKET, SPECIAL
7	1	135622	CPLG., DISC, SINGLE FLEX, 1.625 X 1.375
6	1	129863-001	SPACER, IDLER, 2 1/2
5	1	127921	SPKT., 50828, MOD. 1, 250 BORE
4	4	113061	SPCR MTG GEAR BOX
3	1	108225	DRIVEN, SPROCKET
2	1	108224	DRIVER, SPROCKET
1	2	107917	SPKT., 50820, MOD. 1, 250 BORE

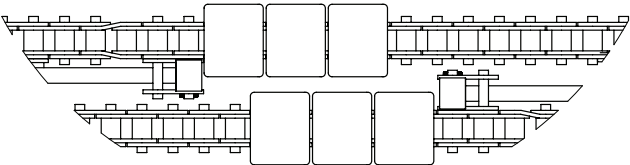
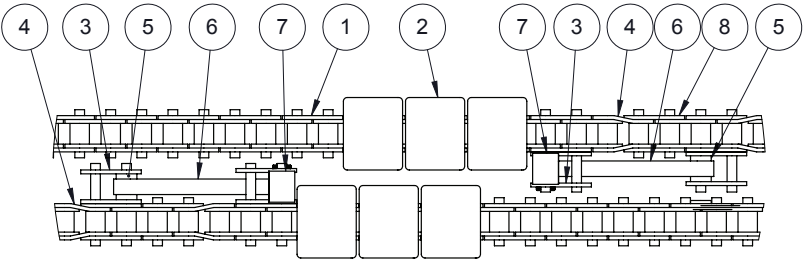
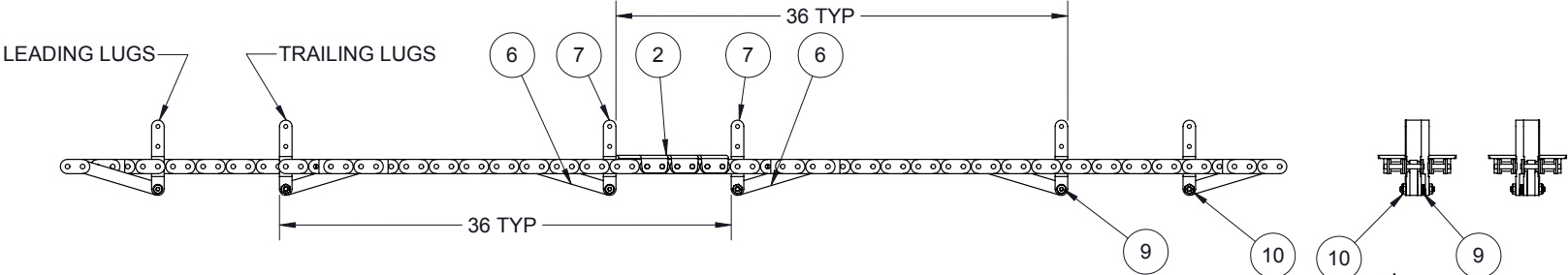
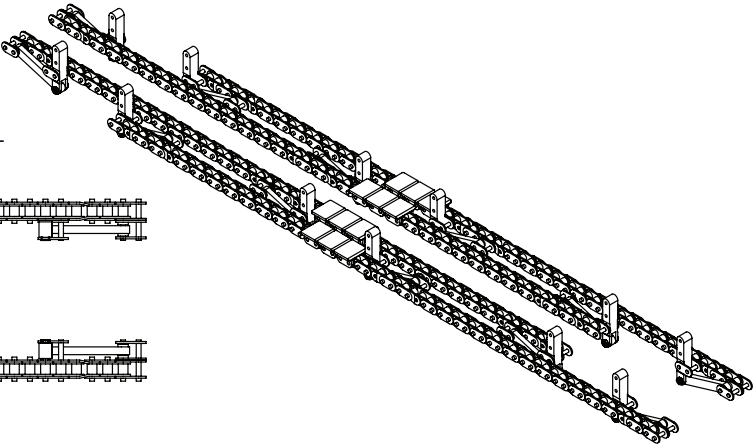
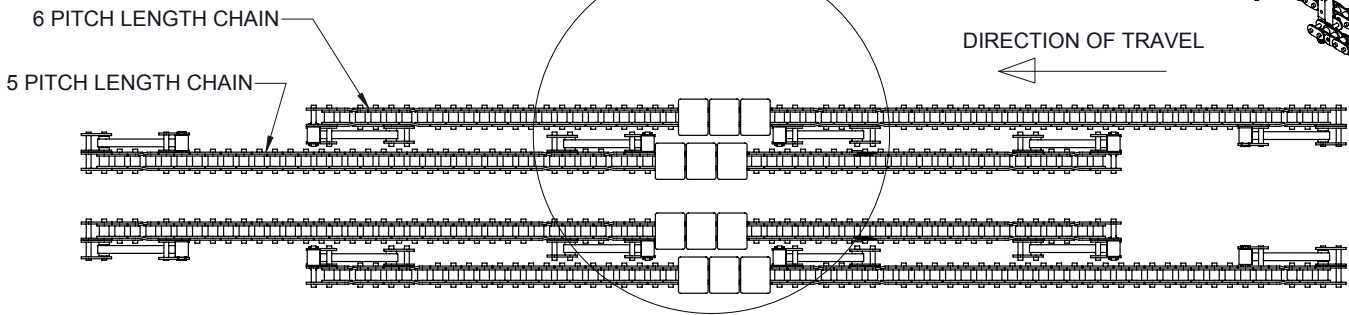
ITEM		QTY	PART NUM	DESCRIPTION
BILL OF MATERIALS				
AIRPAC				9511 WEST RIVER ST. SCHILLER PARK, IL 60176
UNLESS OTHERWISE SPECIFIED:				FRACTIONS: ± .004 TWO (2) DECIMALS: ± .005 THREE (3) DECIMALS: ± .005 ANGLES: ± .5°
DRAWN	11/2/2012	BY: SR	SCALE: 1:12	SIZE: D
RELEASED	11/2/2012	FILENAME: 294624	APPROVED BY: SRA	
DESCRIPTION:				ASSY. MAIN DRIVE
DRAWING NUMBER:				294624

294624-001	LH, OPPOSITE	221623-002	272049-001	272050
294624	RH, AS SHOWN	221623-001	272049	272050-001
ASSY No.	NOTE	ITEM 44	ITEM 47	ITEM 48



6	4	801359	CLAMP, RAIL, SINGLE, 1.5 LG, SS, ROUND HOLE
5	1	323269	BRKT, FRAME, PRD DTCTR, ACCUM, ADJ
4	1	291031	BRACKET, PROD DETECTOR, ACCUM
3	2	800424	BUSH, OILITE, FLG, 0.252 X 0.3775 X 1/4, 15/32 OD X 1/16 THK FLG
2	1	107147	WEIGHT, COUNTER
1	1	107149	SHAFT, WEIGHT, COUNTER
ITM	QTY	PART NUM	DESCRIPTION
BILL OF MATERIALS			
ARPAC		9511 WEST RIVER ST. SCHILLER PARK, IL 60176	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONAL TOLERANCES:		FRACTIONS TWO (2) DECIMALS THREE (3) DECIMALS ANGLES	± 1/64 ± 0.010 ± 0.005 ± 0.5°
DRAWN:	11/8/2012	BY: SR	SCALE: 1:2 SIZE: B
RELEASED:	11/8/2012	FILENAME: 323268	APPROVED BY: SRA
DESCRIPTION: ASSY, PRODUCT DETECTOR, ACCUMULATION, ADJ			
DRAWING NUMBER: 323268			

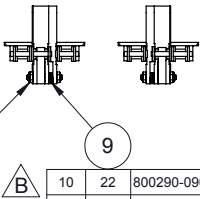
REVISIONS			
RV	DATE	BY	DESCRIPTION
A	3/9/2018	SRA	ADDED NOTES AND CHAINS TO VIEWS
B	10/14/2021	SRA	NUT 800290-090 WAS 800290-061



DETAIL A
SCALE 1 : 3

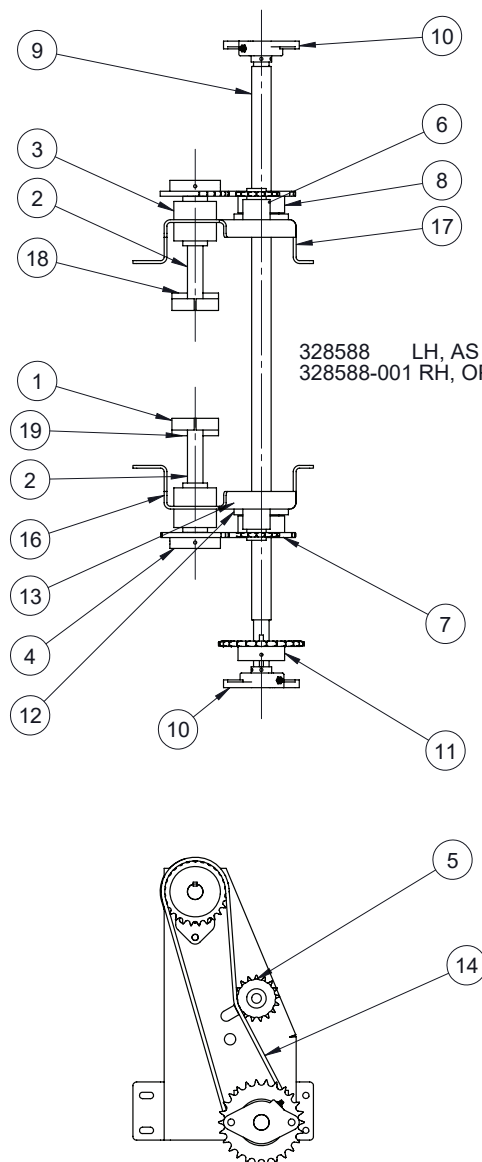
ASSEMBLE 4 CHAINS. TWO CHAINS INCLUDE 6 PITCH LENGTHS FOR A TOTAL CHAIN LENGTH OF 216". THE OTHER TWO CHAINS INCLUDE 5 PITCH LENGTHS FOR A TOTAL LENGTH OF 180".

NOTE: APPLY BLUE LOCTITE THREAD LOCKING ADHESIVE TO THREADS OF SHOULDER BOLTS BEFORE ATTACHING NUTS.

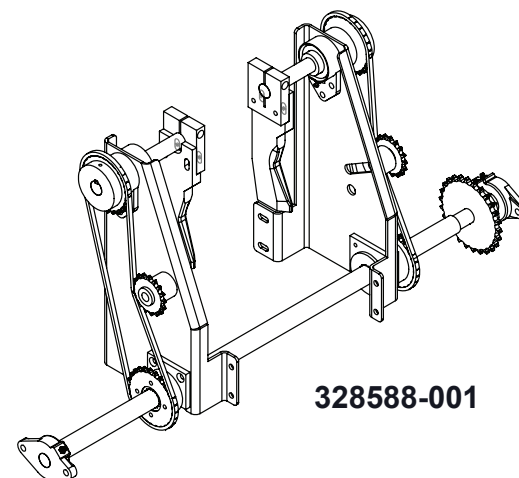


ITEM	QTY	PART NUM	DESCRIPTION
10	22	800290-090	FSNR, NUT, HEX, 1/4-20, JAM, FINISH
9	22	800322-002	FSNR, BOLT, SHLDR, 5/16 DIA X 1/2 LG, SS
8	22	800516	LINK, CONN, #60
7	22	246329	LUG, FORMING, TRAY
6	22	246330	ARM, CONTROL, LUG
5	88	836856	SPACER, NYLON, 1/8" LG, FOR 1/4" SCR
4	44	800519	LINK, CONN, #60, OFFSET
3	44	836863	CHAIN, RLR, LINK CONN, #60 DOUBLE, CLIP
2	66	802579-002	FLIGHT, PLASTIC, 1.75 W, UNI 863
1	66	802579-001	BASE CHAIN 863

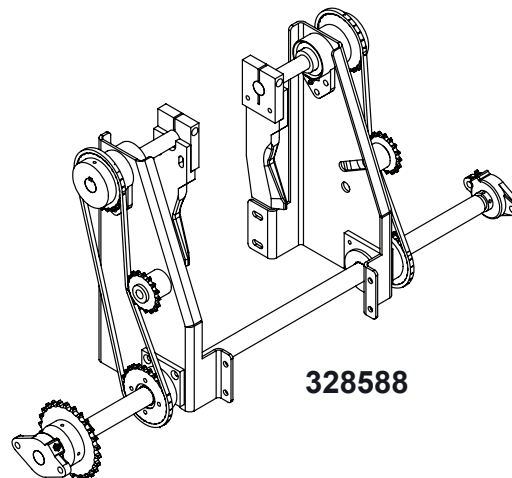
BILL OF MATERIALS			
ARPAC		9511 WEST RIVER ST. SCHILLER PARK, IL 60176	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONAL TOLERANCES:		FRACTIONS ± 1/64 TWO (2) DECIMALS ± 0.010 THREE (3) DECIMALS ± 0.005 ANGLES ± 0.5°	
DRAWN: 12/23/2016	BY: HG	SCALE: 1:6	SIZE: B
RELEASED:	FILENAME: 328585	APPROVED BY:	
DESCRIPTION: ASSY, CHAIN, LUG			
			DRAWING NUMBER: 328585



328588 LH, AS SHOWN
328588-001 RH, OPPOSITE



328588-001



328588

LINK, CONN #40 NOT SHOWN

19	1	104832-002	ROTARY ARM
18	1	104832-001	ROTARY ARM
17	1	328587-001	MNT, ROTARY FOLDER
16	1	328587	MNT, ROTARY FOLDER
15	2	800502	LINK, CONN, #40
14	9	800462	CHAIN, RLR, #40, RLR RVT
13	2	190795	PLT, WEAR, ROTARY SLEEVE
12	2	190794	PLT, WEAR, ROTARY SLEEVE
11	1	104858	50B26 SPROCKET, MOD, 1 BORE TS60
10	2	827116	BRG, FLG, 1 ID, 2-BOLT, 3.89 BOLT CNTRS
9	1	133802	ROTARY FOLDER DRIVE SHAFT
8	2	275921	ROTARY SPLINE SLEEVE
7	2	104857	40A26, SPROCKET, MOD, 1 3/4 BORE
6	2	114201-003	SPACER, IDL SPKT
5	2	800906	SPKT, 40BB17H, IDLER, 0.625 ID
4	2	124817	SPKT, 40B26, 1.00 BORE
3	4	837218	BRG, FLG, 1 ID, 3-BOLT, STD DUTY
2	2	319501	SHAFT, FOLDER, FLAP, ROTARY
1	2	104831	ROTARY ARM MOUNTING

ITEM	QTY	PART NUM	DESCRIPTION
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BILL OF MATERIALS

ARPAC 9511 WEST RIVER ST.
SCHILLER PARK, IL 60176

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONAL TOLERANCES:

FRACTIONS ± 1/64
TWO (2) DECIMALS ± 0.010
THREE (3) DECIMALS ± 0.005
ANGLES ± 0.5°

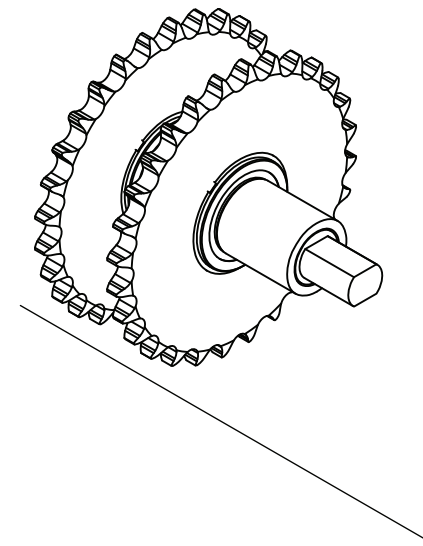
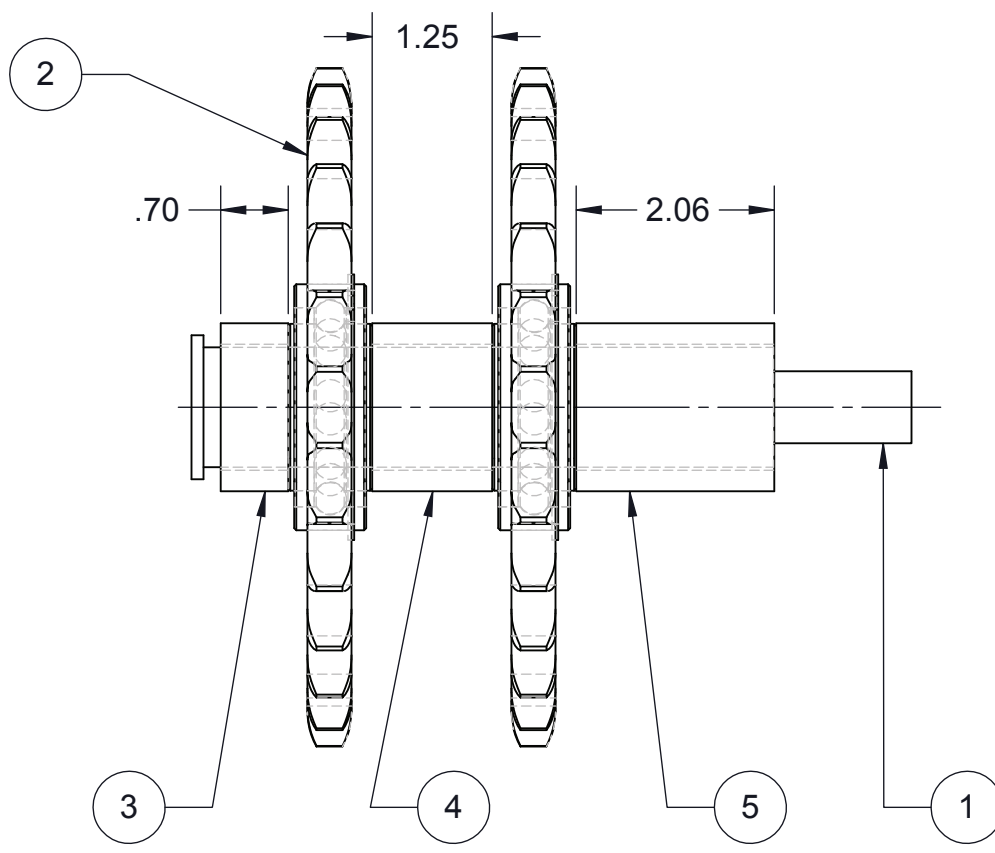
DRAWN: 12/27/2013 BY: SRA SCALE: 1:8 SIZE: B

RELEASED: 12/27/2013 FILENAME: 328588 APPROVED BY: SRA

DESCRIPTION: ASSY, FLAP FOLDER, ROTARY

328588

DRAWING NUMBER:
328588



5	1	190809-004	SPACER
4	1	190809-010	SPACER
3	1	190809-011	SPACER
2	2	112726	SPROCKET - MODIFIED
1	1	220971	SHAFT, IDLER, COMPRESSION SECTION
ITM	QTY	PART NUM	DESCRIPTION

BILL OF MATERIALS

ARPAC

9511 WEST RIVER ST.
SCHILLER PARK, IL 60176

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONAL TOLERANCES:
FRACTIONS ± 1/64
TWO (2) DECIMALS ± 0.010
THREE (3) DECIMALS ± 0.005
ANGLES ± 0.5°

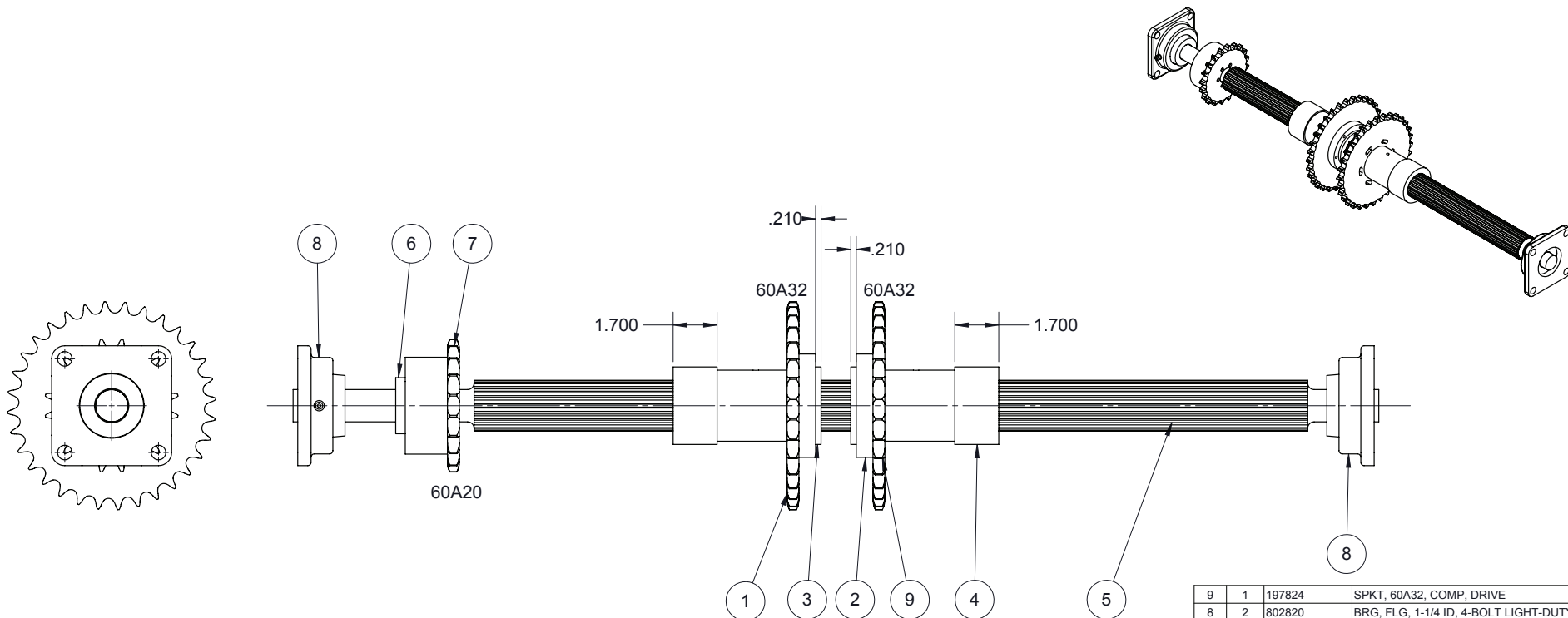
DRAWN: 05/24/2001 BY: TTR SCALE: 0.5:1 SIZE: A

RELEASED: 05/24/2001 FILENAME: 328589 APPROVED BY: TTR

DESCRIPTION: ASSY, IDLER, COMPRESSION SECTION

JS

DRAWING NUMBER:
328589



9	1	197824	SPKT, 60A32, COMP, DRIVE
8	2	802820	BRG, FLG, 1-1/4 ID, 4-BOLT LIGHT-DUTY
7	1	193095	SPKT, 60A20, MOD, 1.250 BORE
6	1	800610	CPLG, PHASE-LOCK 1-1/4 BORE
5	1	195443	SHAFT, SPLINE, LEAD CHAIN DRV
4	2	190799-007	SPKT, CARRIER SPACER
3	2	190799-008	SPKT, CARRIER SPACER
2	2	108850-000C	CONVEYOR DR. SPRKT CARRIER
1	1	197826	SPKT, 60A32, COMP, DRIVE

ITM	QTY	PART NUM	DESCRIPTION
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BILL OF MATERIALS

ARPAC

9511 WEST RIVER ST.
SCHILLER PARK, IL 60176

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONAL TOLERANCES:

FRACTIONS ± 1/64
TWO (2) DECIMALS ± 0.010
THREE (3) DECIMALS ± 0.005
ANGLES ± 0.5°

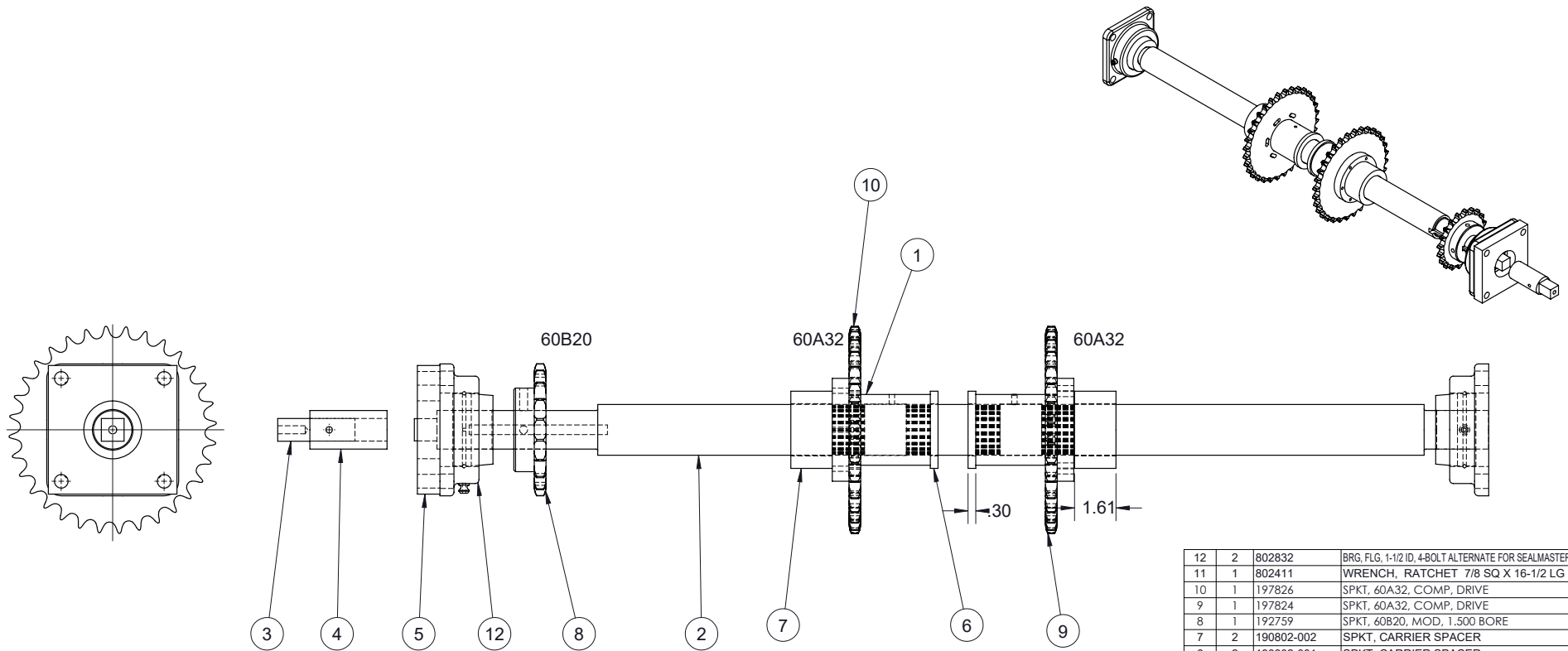
DRAWN: 10/02/2001 BY: TTR SCALE: 0.25:1 SIZE: B

RELEASED: FILENAME: 328590 APPROVED BY: TTR

DESCRIPTION: ASSY, DRIVE, SPLINE SHAFT, LEAD

AS

DRAWING NUMBER:
328590



12	2	802832	BRG, FLG, 1-1/2 ID, 4-BOLT ALTERNATE FOR SEALMASTER
11	1	802411	WRENCH, RATCHET 7/8 SQ X 16-1/2 LG
10	1	197826	SPKT, 60A32, COMP, DRIVE
9	1	197824	SPKT, 60A32, COMP, DRIVE
8	1	192759	SPKT, 60B20, MOD, 1.500 BORE
7	2	190802-002	SPKT, CARRIER SPACER
6	2	190802-001	SPKT, CARRIER SPACER
5	1	187303	SPACER, 4 BOLT, BEARING
4	1	135005	SLEEVE, 7/8 SQ.
3	1	134996	SHAFT, 7/8 SQ.
2	1	133803	SHAFT, SPLINE, W/HANDLE
1	2	108850-000C	CONVEYOR DR. SPRKT CARRIER
ITM	QTY	PART NUM	DESCRIPTION

BILL OF MATERIALS

ARPAC 9511 WEST RIVER ST.
SCHILLER PARK, IL 60176

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONAL TOLERANCES:

FRACTIONS ± 1/64
TWO (2) DECIMALS ± 0.010
THREE (3) DECIMALS ± 0.005
ANGLES ± 0.5°

DRAWN: 10/02/2001 BY: TTR SCALE: 0.25:1 SIZE: B

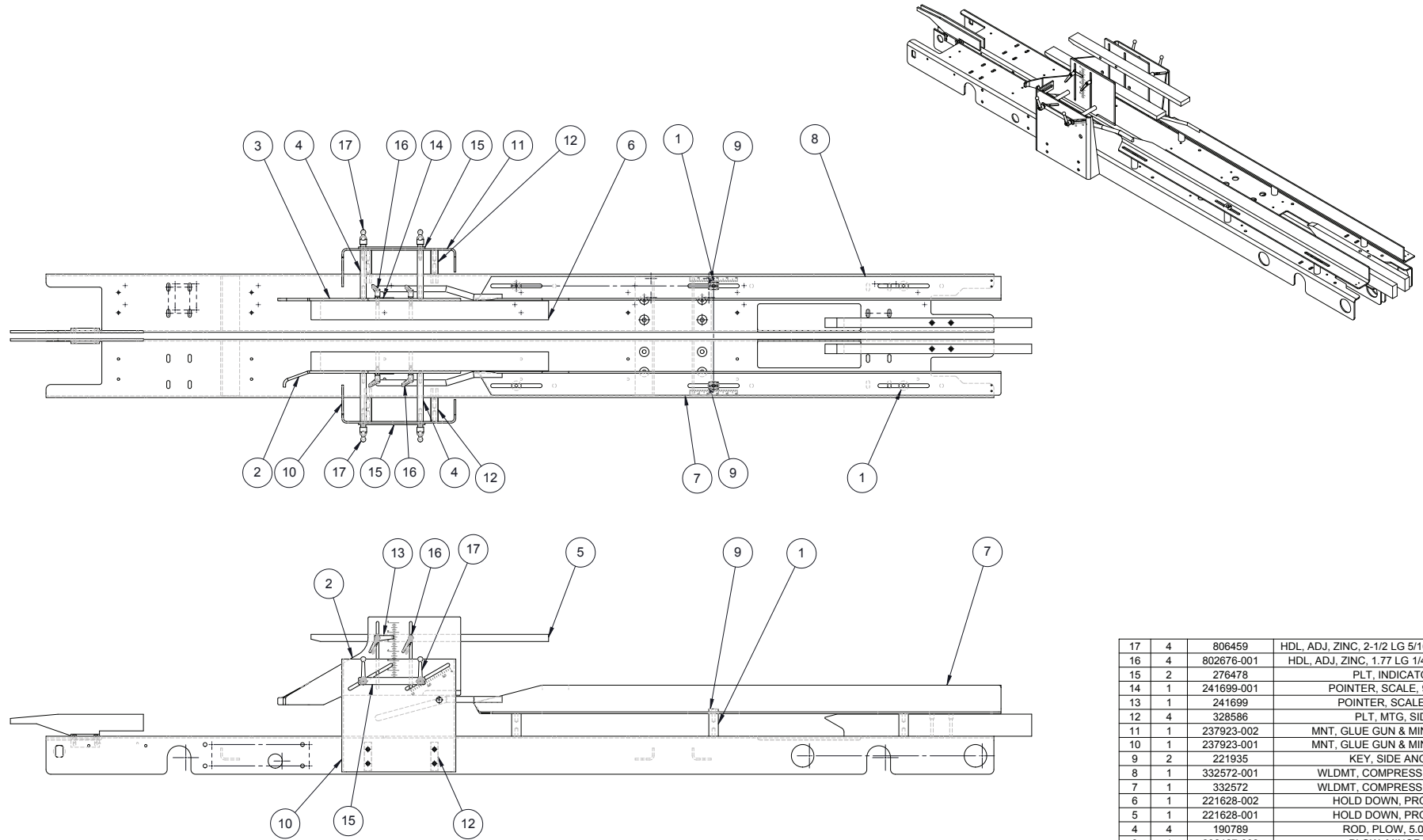
RELEASED: FILENAME: 328591 APPROVED BY: TTR

DESCRIPTION: ASSY, DRIVE, SPLINE SHAFT, TRAIL

AS

DRAWING NUMBER:
328591

ITEM 11 NOT SHOWN



17	4	806459	HDL, ADJ, ZINC, 2-1/2 LG 5/16-18 X 1.18 STUD
16	4	802676-001	HDL, ADJ, ZINC, 1.77 LG 1/4-20 X .78 STUD
15	2	276478	PLT, INDICATOR
14	1	241699-001	POINTER, SCALE, 9/32 RH
13	1	241699	POINTER, SCALE, 9/32
12	4	328586	PLT, MTG, SIDE
11	1	237923-002	MNT, GLUE GUN & MINOR PLOW
10	1	237923-001	MNT, GLUE GUN & MINOR PLOW
9	2	221935	KEY, SIDE ANGLE
8	1	332572-001	WLDMT, COMPRESSION, SIDE
7	1	332572	WLDMT, COMPRESSION, SIDE
6	1	221628-002	HOLD DOWN, PRODUCT
5	1	221628-001	HOLD DOWN, PRODUCT
4	4	190789	ROD, PLOW, 5.06 LG
3	1	292127-002	PLOW, MINOR, LH
2	1	292127-001	PLOW, MINOR, RH
1	6	144124-142	SHAFT, 1.000, TAPPED
ITM	QTY	PART NUM	DESCRIPTION

BILL OF MATERIALS

ARPAC 9511 WEST RIVER ST.
SCHILLER PARK, IL 60176

UNLESS OTHERWISE SPECIFIED:
FRACTIONS ± 1/64
TWO (2) DECIMALS ± 0.010
THREE (3) DECIMALS ± 0.005
ANGLES ± 0.5°

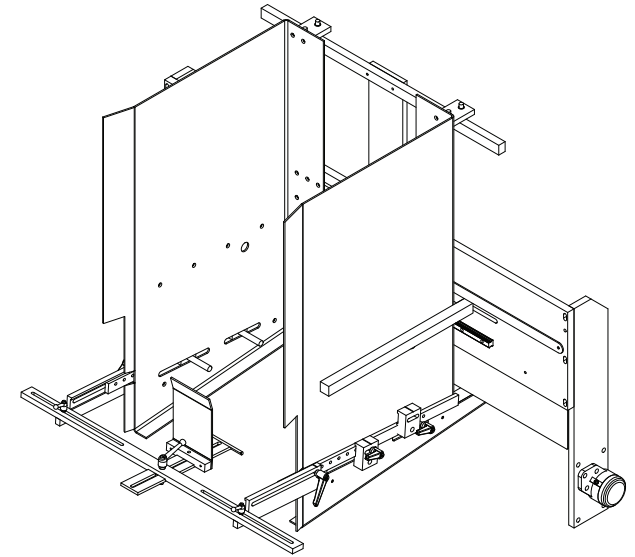
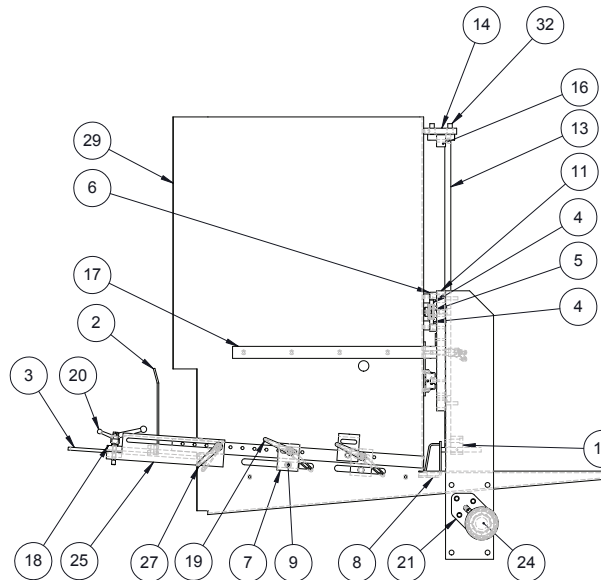
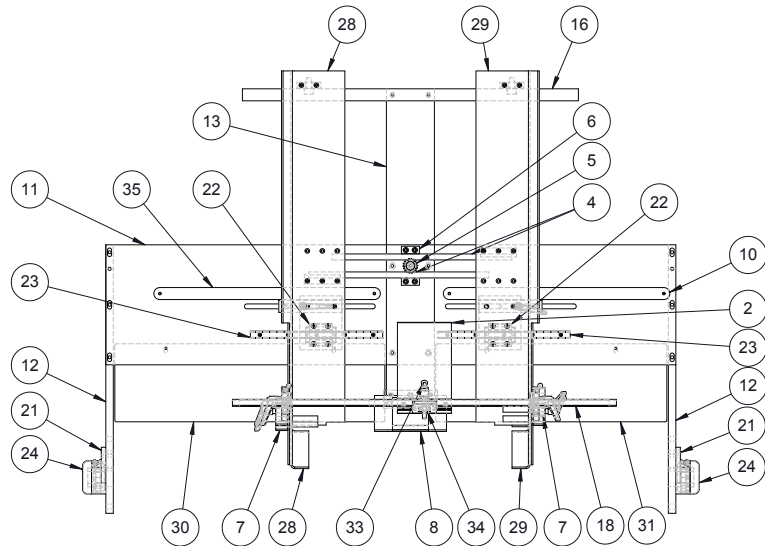
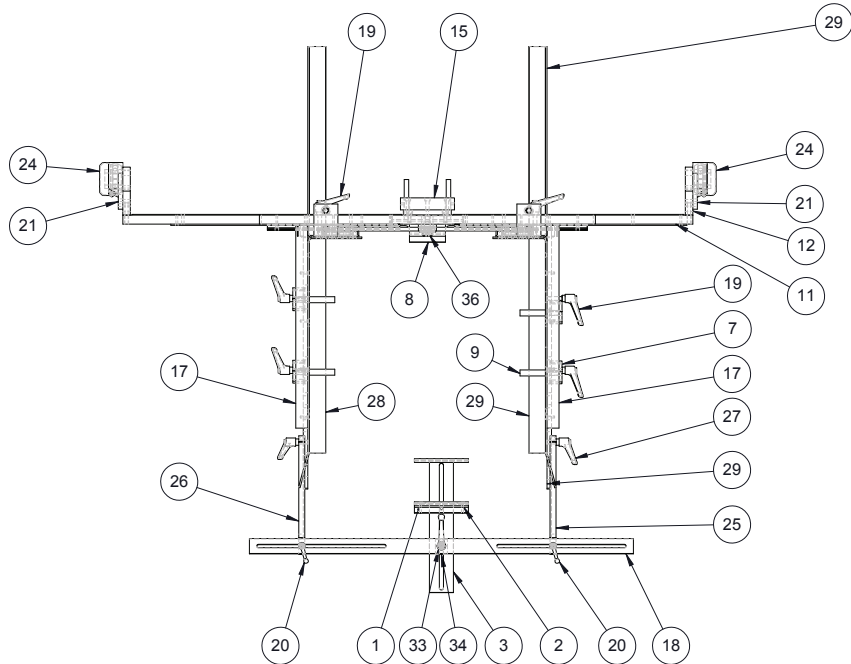
DRAWN: 09/02/2015 BY: SRA SCALE: 0.125:1 SIZE: C

RELEASED: FILENAME: 328592 APPROVED BY: SRA

DESCRIPTION: ASSY, FORMING, TRAY

 DRAWING NUMBER:

328592



A	36	1	800324-007	SHOULDER BOLT
A	35	1	221957-001	SCALE, 17" LG, LH
A	34	1	282745	NUT, T, 5/16-18
A	33	1	802677	HDL, ADJ, ZINC, 2.56 LG 5/16-18 X 1.57 STUD FOLLOWER, CAM, 3/4 OD, 3/8-24 STUD, W/HEX HOLE, W/ECCENTRIC STUD
	32	4	851375	PLT, GUARD, MAGAZINE, LH SIDE
	31	1	298216	PLT, GUARD, MAGAZINE, RH SIDE
	30	1	298215	WALL, SIDE, L.H.
	29	1	282741	WALL, SIDE, RH
	28	1	282740	HDL, ADJ, ZINC, 2-1/2 LG 5/16-18 X .78 STUD
	27	2	809385	SUPPORT, BLANK, MAG.
	26	1	282743-002	SUPPORT, BLANK, MAG.
	25	1	282743-001	COVER, BREARING, CLOSE END, 1"
	24	2	845246	RAIL, GUIDE, 15MM, 280L
	23	2	851378	BLK, BRG, LINEAR, 15MM
	22	2	851377	BRG, FLG, 1 ID, 3-BOLT, STD DUTY
	21	2	837218	HDL, ADJ, SS, 1.57 LG 1/4-20 X 1.18 STUD
A	20	2	810224	HDL, ADJ, ZINC, 2-1/2 LG 5/16-18 X 1.26 STUD
	19	6	823126	SUPPORT, REAR, MAGAZINE
	18	1	298272	WLDMT, SPACER
	17	2	282742	BAR
	16	1	282731	FRONT SUPPORT HOLDER
	15	1	282730	PLT, MTG, CAM FOLLOWER
	14	2	328783	PLATE, BACK
	13	1	282728	BAR, MTG, HOPPER
	12	2	282727	LH MACH
A	11	1	282726	SCALE, 17" LG, RH
	10	1	221957	PIN, SUPPORT, ROD
	9	4	186703	WLDMT, SUPPORT, BLANK
	8	1	291898	BLOCK
	7	4	141335	RACK RETAINER
	6	2	141330	GEAR, SPECIAL
	5	1	141329	RACK WELDMENT
	4	2	141328	SIDE, BASE, BLANK
	3	1	122551	REAR, BLANK, SUPPORT
	2	1	122539	MTG, PLATE, SUPPORT, BLANK
	1	1	122524	
ITM	QTY	PART NUM	DESCRIPTION	

BILL OF MATERIALS

ARPAC 9511 WEST RIVER ST.
SCHILLER PARK, IL 60176

UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONAL TOLERANCES:

FRACTIONS
TWO (2) DECIMALS ± 1/64
THREE (3) DECIMALS ± 0.010
ANGLES ± 0.5°

DRAWN: 11/3/2012 BY: SR SCALE: 1:8 SIZE: C

RELEASED: 11/3/2012 FILENAME: 328784 APPROVED BY: SRA

DESCRIPTION:
ASSY, HOPPER, RH MACH



DRAWING NUMBER:
328784

A	3/31/2021	GMA	ADDED QTY 1 OF 800324-007, 282745, 802677, 221957-001. REMOVED QTY 1 OF 221957 & 810224
REV	DATE	BY	NOTE
			REVISIONS

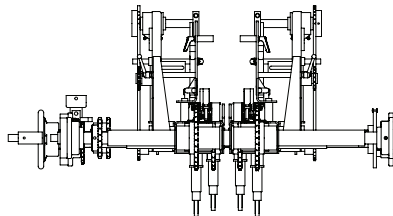
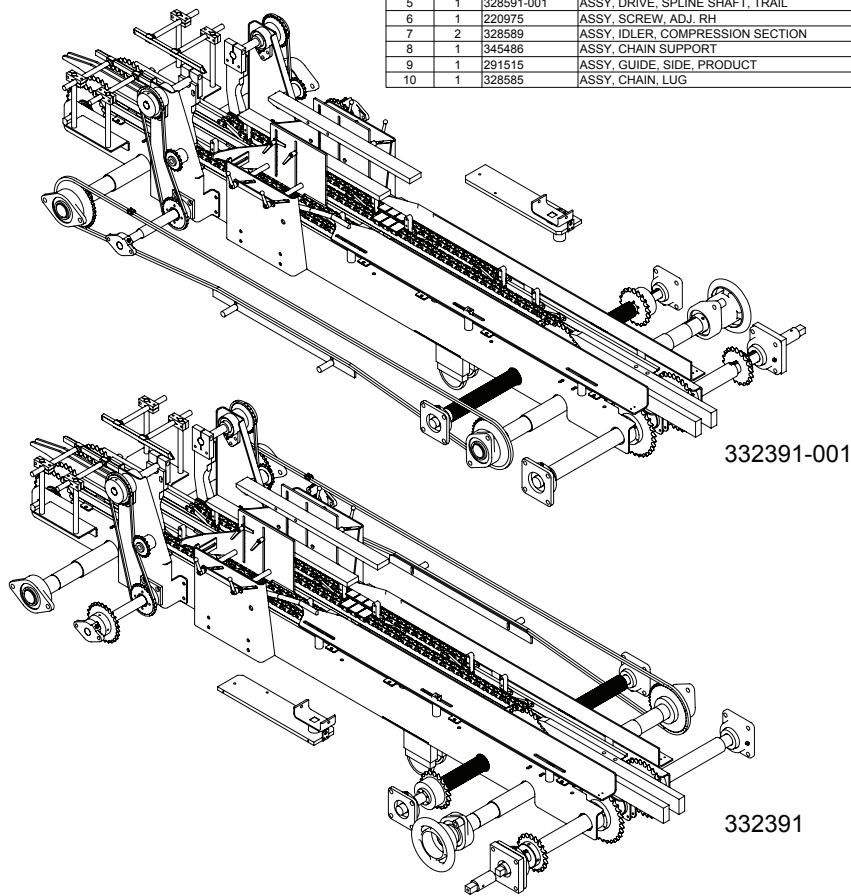
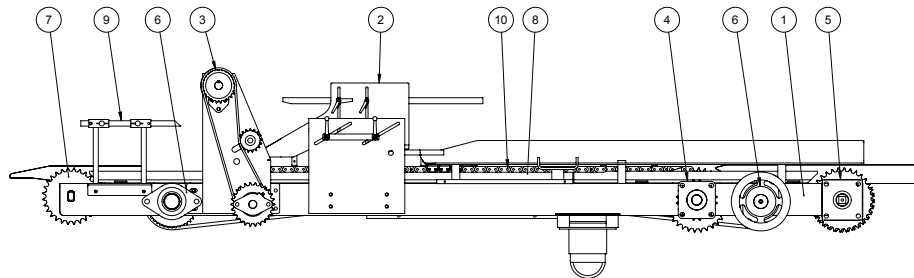
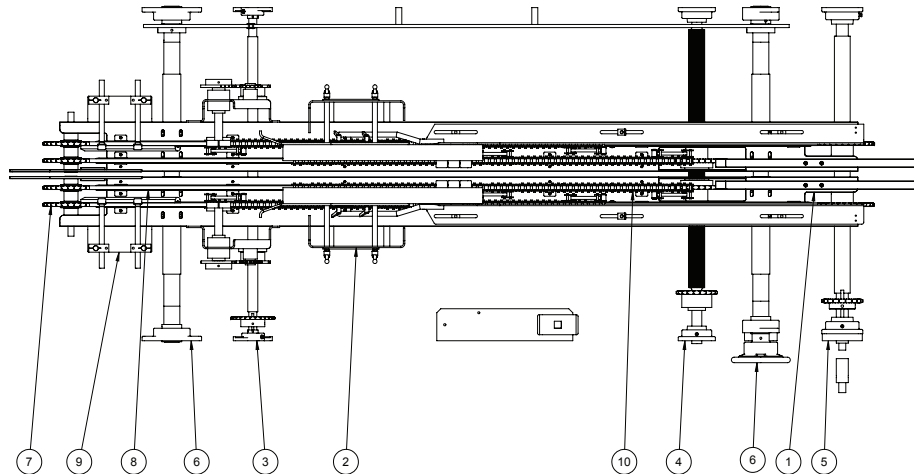
D

C

B

A

BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	1	345485	ASSY, RAIL
2	1	328592	ASSY, FORMING, TRAY
3	1	328588	ASSY, FLAP FOLDER, ROTARY
4	1	328590	ASSY, DRIVE, SPLINE SHAFT, LEAD
5	1	328591-001	ASSY, DRIVE, SPLINE SHAFT, TRAIL
6	1	220975	ASSY, SCREW, ADJ. RH
7	2	328589	ASSY, IDLER, COMPRESSION SECTION
8	1	345486	ASSY, CHAIN SUPPORT
9	1	291515	ASSY, GUIDE, SIDE, PRODUCT
10	1	328585	ASSY, CHAIN, LUG



REV				DATE	BY	NOTE
REVISIONS						
SIZE	SCALE	MATERIAL	DESCRIPTION			
C	1:12	SEE BILL OF MATERIALS	ASSY, SECTION, COMPRESSION, TS-2000			
3RD ANGLE	UNITS	TOLERANCES	FINISH			
	INCH	XX: ±1/32 X.XX: ±0.15 X.XXX: ±0.05 ANGLES: ±1°	Finish <not specified>			
DATE	DATE	DATE	DATE	DATE	DATE	NUMBER
332391	332391	332391	332391	332391	332391	332391

D

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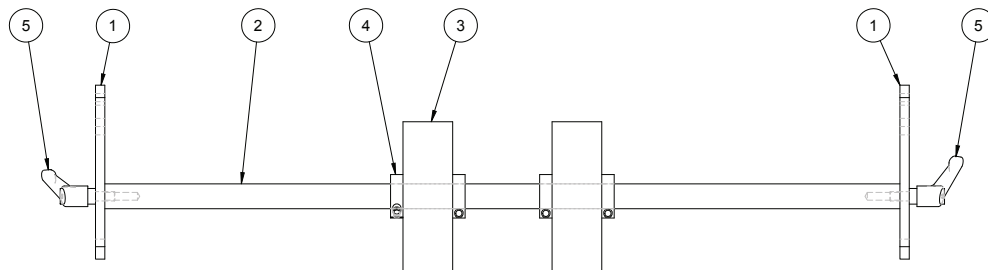
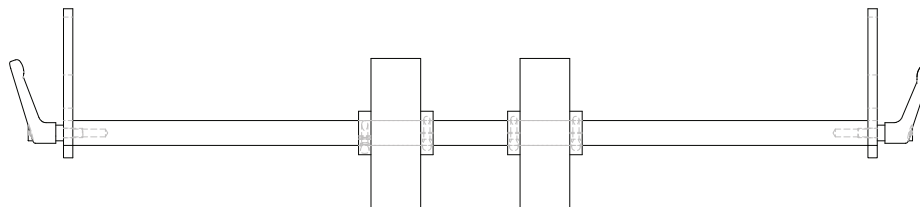
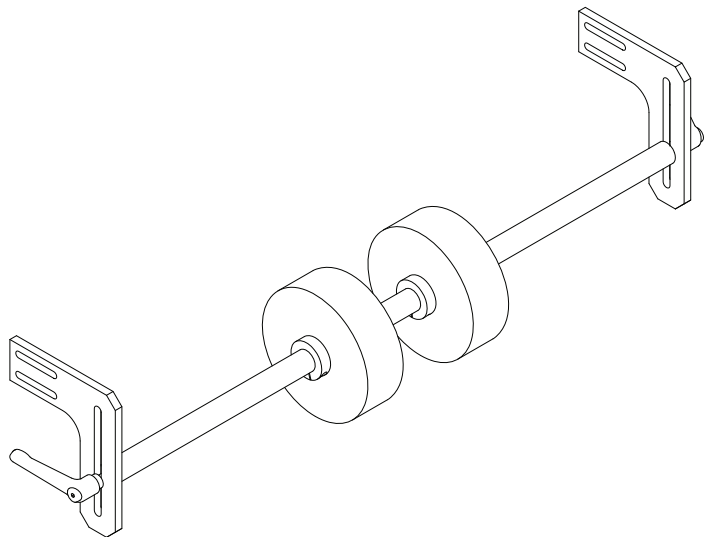
2

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BILL OF MATERIALS

ITEM	QTY	NUMBER	DESCRIPTION
1	2	283366	PLT, MTG, ROLLER
2	1	292552-001	SHAFT, 1.000, TAPPED, 3/8-16, SS
3	2	826950	ASSY, RLR, NO-CRUSH, 6 OD, 2 WD, W/ HUB
4	4	800600	COLLAR, SHAFT, CLAMP, 1-PIECE
5	2	848565	HDL, ADJ, SS, 3.07 LG 3/8-16 X .78 STUD



REV	DATE	BY	NOTE
REVISIONS			
SIZE	SCALE	MATERIAL	DESCRIPTION
B	1:5	SEE BILL OF MATERIALS	ASSY, ROLLER, HOLD-DOWN
3RD ANGLE	UNITS	FINISH	NUMBER
	INCH	NONE	332418
TOLERANCES			
X.X: ±1/32			
X.XX: ±.015			
X.XXX: ±.005			
ANGLES: ±1°			

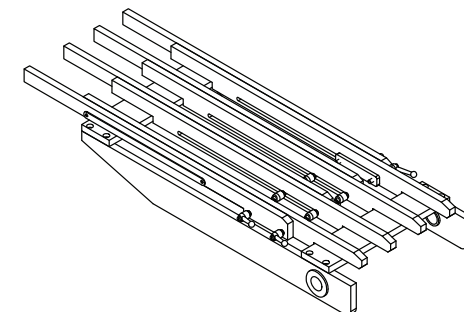
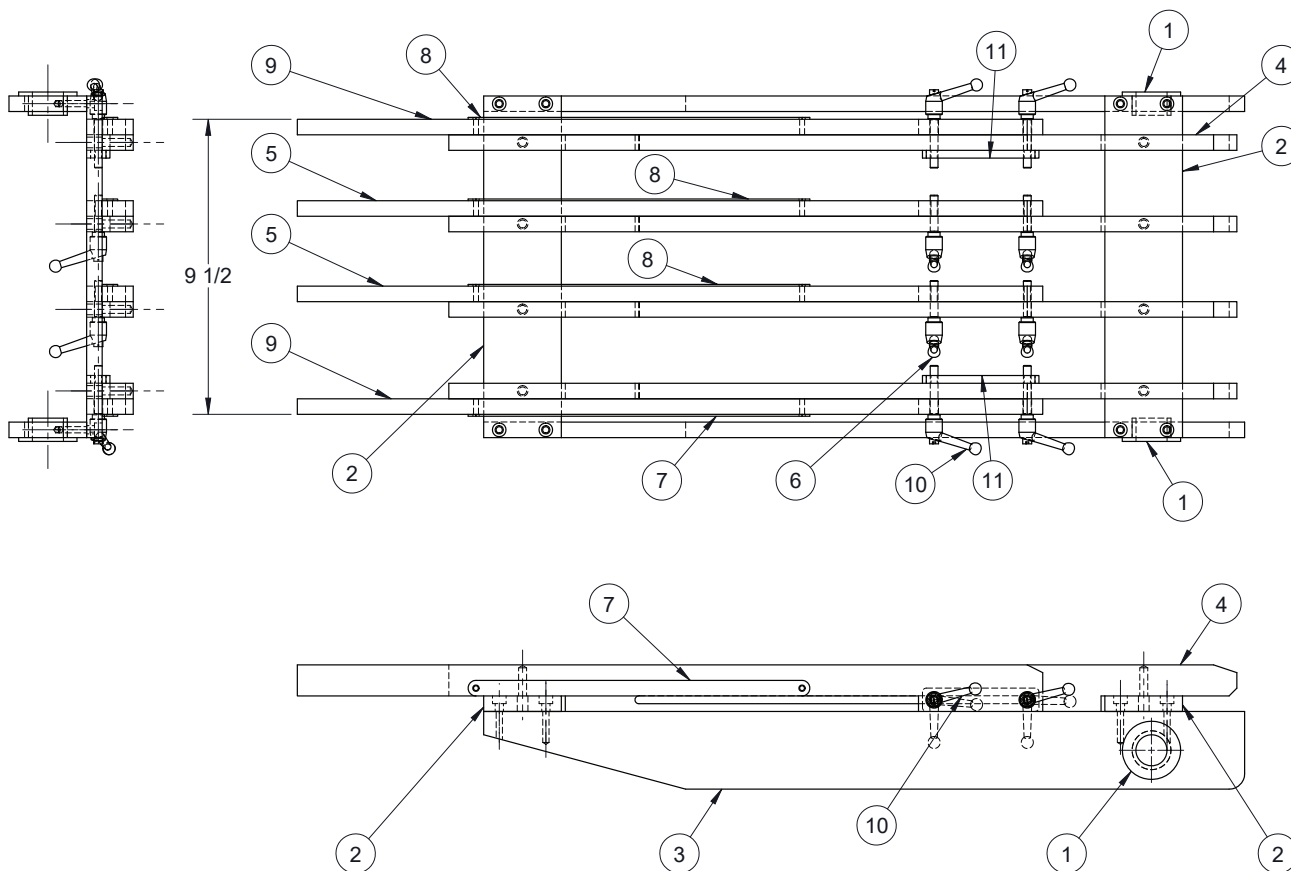
NOTES		CREATED IN SOLIDWORKS 2013		ARPAC A DURAVANT COMPANY		9555 W. Irving Park Rd. Schiller Park, IL 60176 www.arpac.com	
• INTERPRET PER ASME Y14.5M-1994.		MODEL		FILE \CONFIG		332418\Default	
• DIMENSIONS ARE IN INCHES [mm].		DATE CREATED		SIMILAR TO		Thursday, July 28, 2016 12:06:57 PM	
• DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY.		DATE UPDATED		DATE CREATED		Monday, April 26, 2021 1:29:13 PM	
• BREAK SHARP EDGES AND CORNERS.		UPDATED BY		DATE UPDATED		Gibran.Mota	
• PROPRIETARY NOTICE: THIS INFORMATION IS THE PROPERTY OF ARPAC LLC AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS OBTAINED.		DRAFT		DATE CREATED		Wednesday, March 29, 2017 8:43:57 AM	
• CREATED IN SOLIDWORKS 2013.		DATE UPDATED		DATE UPDATED		Monday, April 26, 2021 1:29:14 PM	
		UPDATED BY		Gibran.Mota			

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A



11	2	294789	PLT, NUT
10	4	821863	HDL, ADJ, SS, 1.57 LG 1/4-20 X 1.57 STUD
9	2	294787	BAR, TRANSFER, ADJ, OUTER
8	3	298289-001	SCALE, 10 LG, 1/2 W, LH
7	1	298289	SCALE, 10 LG, 1/2 W, RH
6	4	810224	HDL, ADJ, SS, 1.57 LG 1/4-20 X 1.18 STUD
5	2	282823	BAR, TRANSFER, ADJ
4	4	282822	BAR, TRANSFER, STATIONARY
3	2	282820	PLATE, BRIDGE, SIDE
2	2	332606	PLT, CROSS, BRIDGE
1	2	800416	BUSH, OILITE, FLG, 1.001 X 1.253 X 3/4, 1-7/8 X 1/8 THK FLG
ITM	QTY	PART NUM	DESCRIPTION

BILL OF MATERIALS

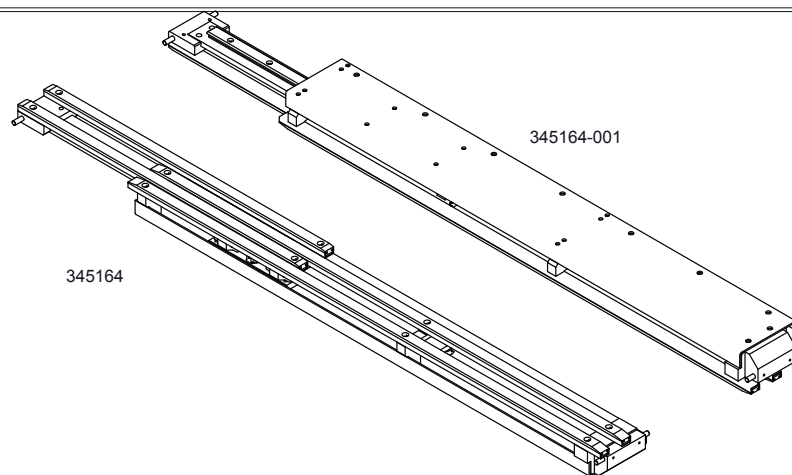
ARPAC

9511 WEST RIVER ST.
SCHILLER PARK, IL 60176

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONAL TOLERANCES:

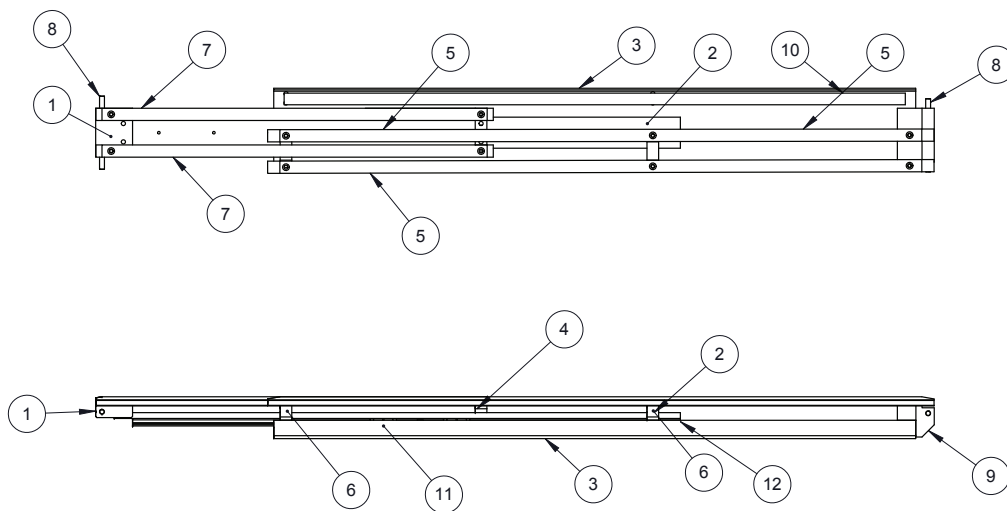
FRACTIONS ± 1/64
TWO (2) DECIMALS ± 0.010
THREE (3) DECIMALS ± 0.005
ANGLES ± 0.5°

DRAWN: 4/10/2017	BY: SRA	SCALE: 1:4	SIZE: B
RELEASED:	FILENAME: 332605	APPROVED BY:	
DESCRIPTION: ASSY, BRIDGE, MAG, EXT			
			DRAWING NUMBER: 332605



345164

345164-001



345164-001	345162-001	345161-001
345164	345162	345161
PART NUMBER	ITEM 3	ITEM 9

12	1	828104	SLIDE, SPACER, SS, B = 896MM OAL, C&D = 43MM
11	1	828103	SYSTEM, SLIDE, BASED, SS
10	1	345163	BAR, STIFFNER, GUIDE, DIVIDER
9	1	SEE TABLE	BLK, MTG, PIVOT, GUIDE, SLIDE
8	2	284071	PIN, MNT, PIVOT, GUIDE, SLIDE
7	2	284069	GUIDE, LANE, SHORT, GUIDE, SLIDE
6	2	345160	BLK, MTG, GUIDE, LONG
5	2	284065	GUIDE, LANE, LONG, GUIDE, SLIDE
4	1	284064	SUPPORT GUIDE
3	1	SEE TABLE	FRAME, SUPPORT, SLIDE, GUIDE, LANE
2	1	284060	GUIDE PROFILE
1	1	284059	BLK, MTG, PIVOT, GUIDE, SLIDE
ITM	QTY	PART NUM	DESCRIPTION

BILL OF MATERIALS

ARPAC 9511 WEST RIVER ST.
SCHILLER PARK, IL 60176

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONAL TOLERANCES:

FRACTIONS ± 1/64
TWO (2) DECIMALS ± 0.010
THREE (3) DECIMALS ± 0.005
ANGLES ± 0.5°

DRAWN: 3/5/2018	BY: hhg	SCALE: 1:8	SIZE: B
RELEASED: 3/5/2018	FILENAME: 345164	APPROVED BY: hhg	

DESCRIPTION: ASSY, GUIDE, SLIDE, GUIDE, LANE

	DRAWING NUMBER: 345164
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D

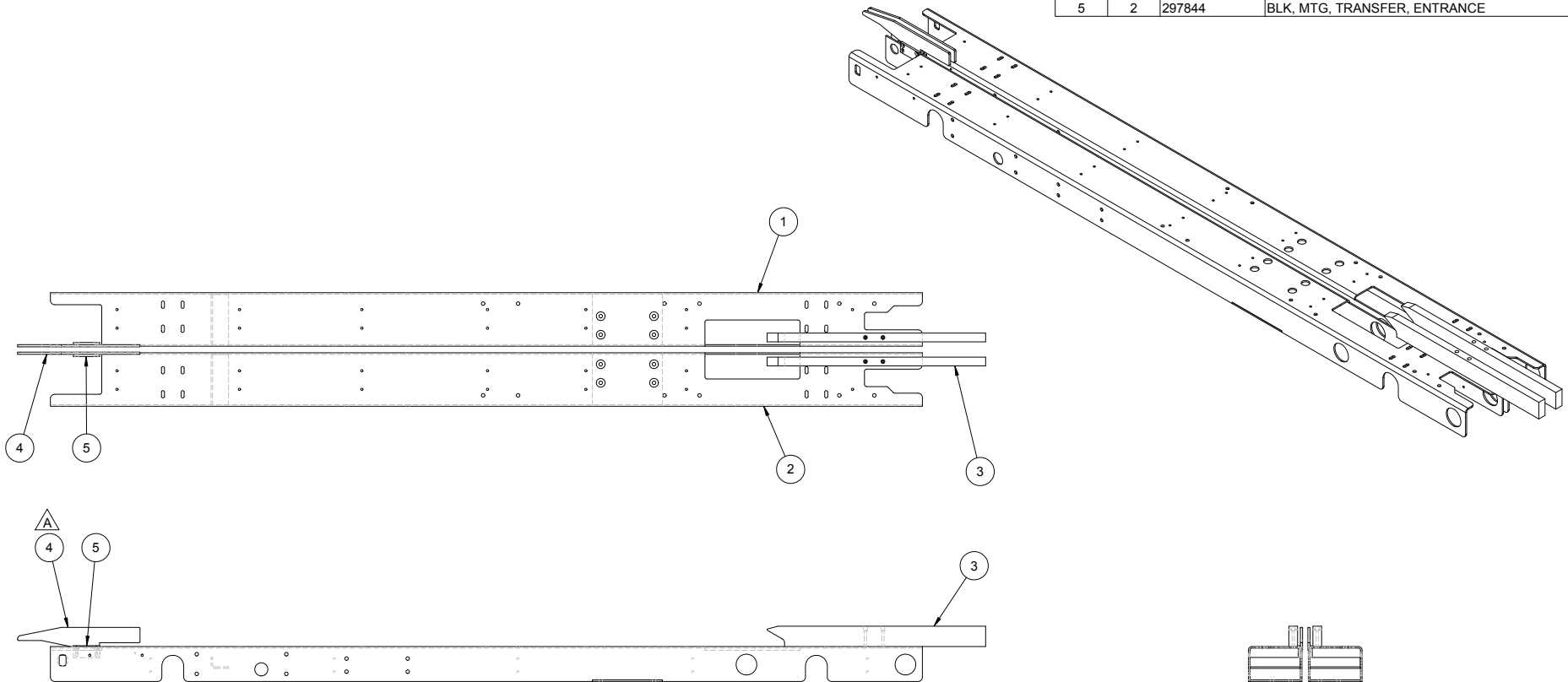
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BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	1	345484	WLDMT, RAIL, COMPRESION SECTION
2	1	345484-001	WLDMT, RAIL, LH, COMPRESION SECTION
3	2	333980	RAIL, TRANSFER, TRAY
4	2	369931	PLT, GUIDE, BLANK
5	2	297844	BLK, MTG, TRANSFER, ENTRANCE

A



A		1/6/2020	SRA	PART 3# 369931 WAS 297843
REV		DATE	BY	NOTE
REVISIONS				
Rd 76	SIZE	SCALE	MATERIAL	DESCRIPTION
	B	1:12	SEE BILL OF MATERIALS	ASSY, RAIL
	3RD ANGLE	UNITS	FINISH NONE	NUMBER 345485
		INCH		
	TOLERANCES X.X: ±1/32 X.XX: ±.015 X.XXX: ±.005 ANGLES: ±1°			

NOTES		CREATED IN SOLIDWORKS 2013	ARPAC A DURAVANT COMPANY	9555 W. Irving Park Rd. Schiller Park, IL 60176 www.arpac.com
• INTERPRET PER ASME Y14.5M-1994.		FILE \CONFIG	345485\345485	
• DIMENSIONS ARE IN INCHES [mm].		SIMILAR TO	-	
• DIMENSIONS IN PARENTHESES FOR		DATE CREATED	Friday, March 11, 2011 12:40:24 AM	
REFERENCE ONLY.		DATE UPDATED	Monday, January 6, 2020 11:41:18 AM	
• BREAK SHARP EDGES AND CORNERS.		UPDATED BY	sarcher	
• PROPRIETARY NOTICE: THIS		DATE CREATED	Monday, March 27, 2017 3:19:24 PM	
INFORMATION IS THE PROPERTY OF		DATE UPDATED	Monday, January 6, 2020 11:40:50 AM	
ARPAC LLC AND SHALL NOT BE USED		UPDATED BY	sarcher	
FOR ANY PURPOSE OTHER THAN				
THAT FOR WHICH IT WAS OBTAINED.				
• CREATED IN SOLIDWORKS 2013.				

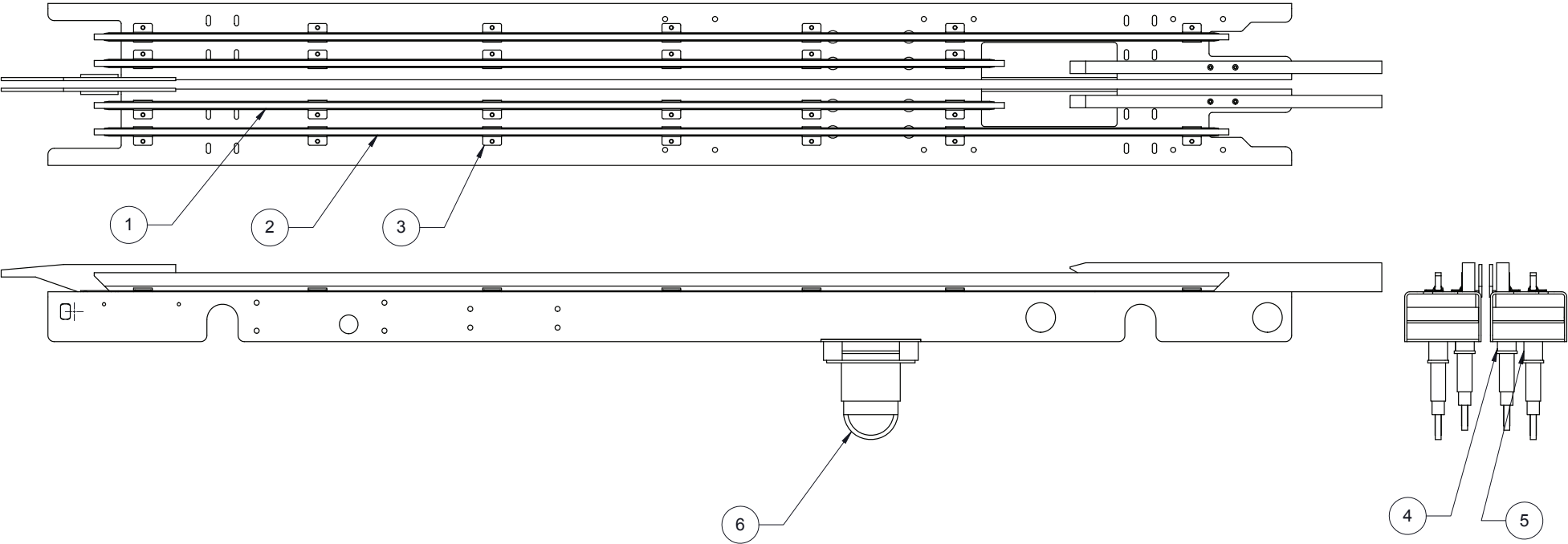
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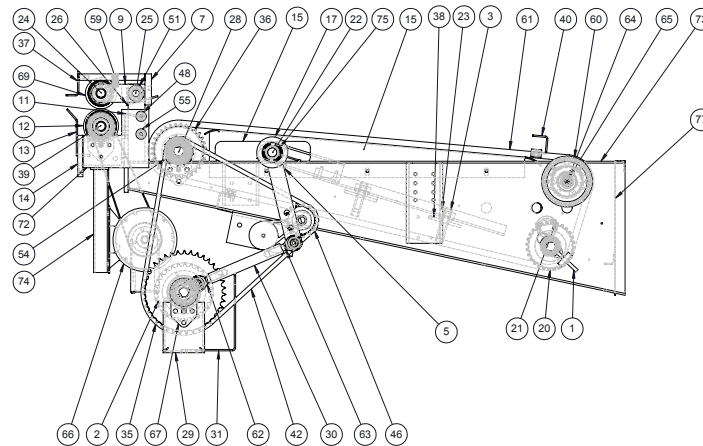
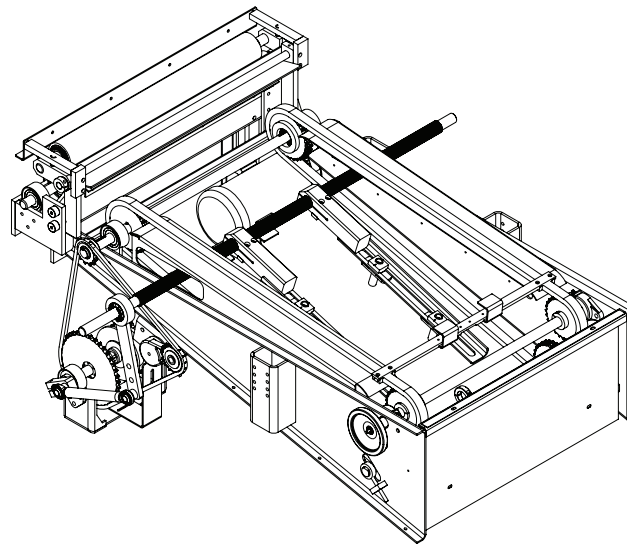
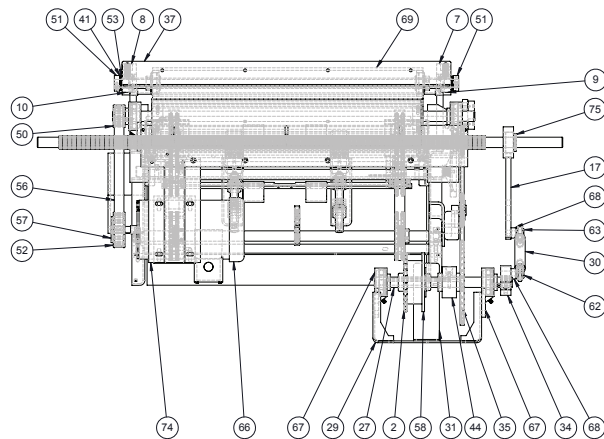
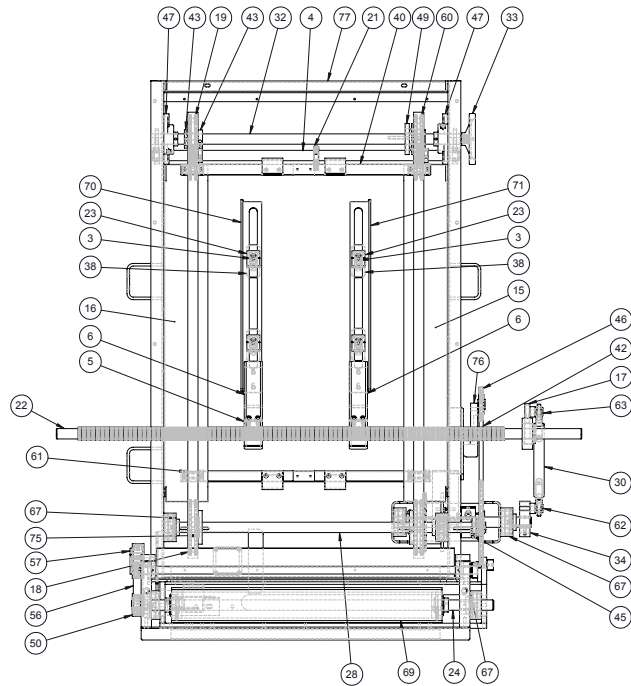
B

A

BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	2	190812-000A	CHAIN GUIDE #60 (SHORT)
2	2	190813-000A	CHAIN GUIDE #60 (LONG)
3	26	801359	CLAMP, RAIL, SINGLE, 1.5 LG, SS, ROUND HOLE
4	4	226432-006	SPACER
5	4	226432-005	SPACER
6	4	237912	TENSIONER

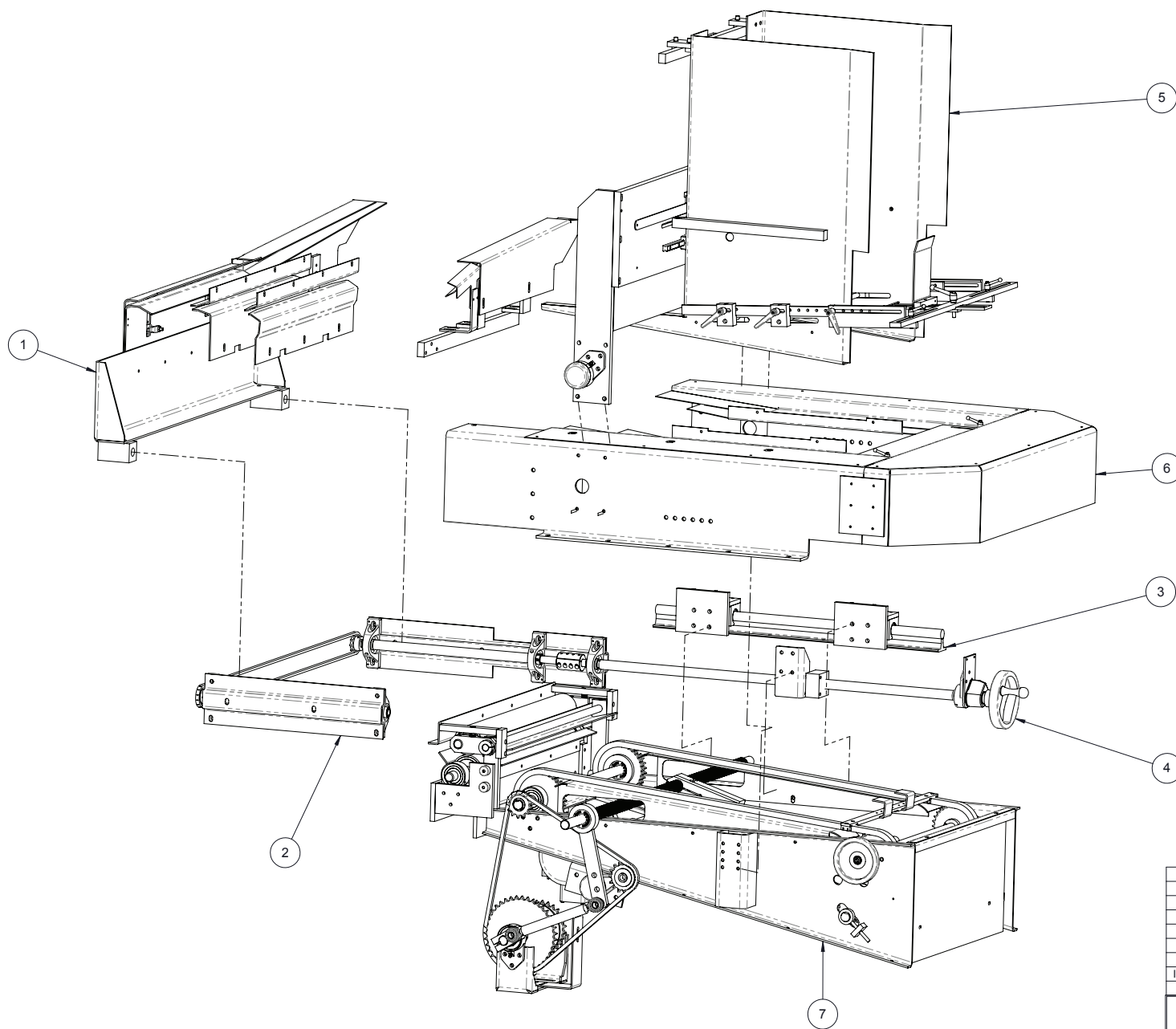


ARPAC		9511 WEST RIVER ST. SCHILLER PARK, IL 60176	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONAL TOLERANCES:		FRACTIONS TWO (2) DECIMALS THREE (3) DECIMALS ANGLES	± 1/64 ± 0.010 ± 0.005 ± 0.5°
DRAWN: 5/24/2001	BY: TTR	SCALE: 0.125:1	SIZE: B
RELEASED: 5/24/2001	FILENAME: 345486	APPROVED BY: TTR	
DESCRIPTION: ASSY, CHAIN SUPPORT			
			DRAWING NUMBER: 345486



77	1	291804	PANEL, GUARD, MAGAZINE
76	1	807279-001	TENSIONER, SPRING, ROTARY 20-45LBS
75	2	803668-001	LOCKING DEVICE, KEYLESS 1"
74	1	274122-001	MNT, MOTOR
73	1	290829	WLDMT, FRAME, MAGAZINE, RH MACHINE
72	1	195409A-001	CROSS MEMBER RH MACHINE
71	1	193131-003	LH, OPPOSITE
70	1	193131-002	RH, AS SHOWN
69	1	189852-000	RLR, PINCH, UPR
68	2	144606-019	SPACER, RND, 1", AL, 0.5LG, 21021H51
67	6	837218	BRG, FLG, 1 ID, 3-BOLT, STD DUTY MOTOR, 3/4 HP, 230/480V, 60HZ, 3PH, 56 FRM, FOOT MNT, 1200RPM, F1
66	1	827724	CONDUIT BOX
65	1	823057	CLUTCH, ROLLER, DC 5/8 ID X 7/8 OD X 5/8 LG, (NOM.)
64	1	823055	RING, INNER, 3/75 ID X .625 OD X .785 LG
63	1	822522	ROD END, 5/8-18, MALE, LH THREAD
62	1	822521	ROD END, 5/8-18, MALE, RH THREAD
61	16	821600	CHAIN, DELRIN, #40 WITH SST PIN
60	1	821596	SPKLT, D40P28, REQUIRE P1 BUSHING
59	2	816471	SPRING, COMP, 0.825 OD X 1.25 LG, 100 WIRE DIA (BLUE)
58	1	816285	CLUTCH, OVERLOAD, BORE 1", PROX PLT, SET TO 75 IN-LB W/ASPC
57	1	816284	BUSH, TAPER, QT, .625 BORE
56	1	810478	BELT, TIMING, 8MM P, 20MM W, 800MM LG, 100 TEETH
55	1	809737	FOLLOWER, CAM, 1 OD, 5/8-18 STUD, W/EX-HOLE, SEALED
54	1	809446	SPKLT, 50JA13 H, QD BUSH, HARDENED
53	2	808128	BUSH, OILITE, FLG, 0.752 X 0.879 X 3/4 L-1/8 OD X 1/8 THK FLG
52	1	807464	PULLEY, TIMING, 30 T, 8MM P, 20MM W, OT BUSHING REQUIRED
51	2	807096	COLLAR, SHAFT, CLAMP, 1-PIECE, 3/4, EXTREME CL8867
50	1	807017	PULLEY, TIMING, 22T, 8MM P, 20MM W, 1 BORE
49	1	806450	BUSH, TAPER, OD, 1 BORE X 1-15/16 LG
48	1	802881	FOLLOWER, CAM, 1 OD, 7/16-20 STUD, CROWNED, ECCENTRIC 5/8 OD
47	2	827116	BRG, F.L.G., 1 ID, 2-BOLT, 3/89 BOLT CNTRS
46	1	800905	SPKLT, 30BB15H, IDLER, 5/8 ID, HARDENED TEETH
45	1	800665	BUSH, TAPER, OD, 1 BORE X 1-1/16 LG
44	1	800609	CPLG, PHASE-LOCK, HDI-25-1 1 BORE
43	2	800600	COLLAR, SHAFT, CLAMP, 1-PIECE
42	1	800468	CHAIN, RLR, #50
41	2	800438	W/SHR, OILITE, 0.753 X 1.375 X 1/8 THK
40	2	290834	ASSY, BAR, CHAIN, MAGAZINE FEED
39	1	290831	SHAFT, LWR, RLR, PINCH
38	4	283409	NUT, HANDLE
37	1	282792	DEFLECTOR, URR
36	1	282754	SPKLT, D40B32, 32 TEETH, 1" P TYPE B
35	1	231440	BKT, CLAMP, PIVOT
34	1	230295	HANDWHEEL, 5" ROLLER CLUTCH
33	1	230293	SHAFT, TAIL CONV
32	1	228962	BKT, MTG, PROX
31	1	223740	ROD, CONNECTING, 1"
30	1	223739	MNT, SHAFT, JACK
29	1	223738	SHAFT, DRIVE
28	1	223735	SHAFT
27	1	300037	GUIDE, FEED, BLANK, TOP
26	1	290833	SHAFT, ROLLER, TOP, MTG
25	1	223729	SHAFT, RLR, UPR
24	1	221942	KEY, CUP MNT
23	2	220985	SHAFT, VAC, ARM
22	1	214933	WLDMT, MNT, VACUUM PUMP
21	2	213235	SPKLT WITH BEARING
20	2	213234	SPKLT, D40B32, 32 TEETH, 1/2" P TYPE B
19	1	213233	SPKLT, D40B32, 32 TEETH, 1/2" P TYPE B
18	1	197877	PIVOT ARM
17	1	193126	RAMP, MAGAZINE, BELT, RH
16	1	193125	RAMP, MAGAZINE, BELT, LH
15	1	193116	PLATE
14	1	193114	BLANK SUPPORT MAGAZINE SIDE
13	1	193110	RLR, PINCH, LWR
12	1	190818	GUIDE, LOWER, MAG
11	1	230832	MOUNT, ROLLER, RH
10	1	189367	MOUNT, ROLLER, LH
9	1	189366	HOLDER, SPRING, RH
8	1	189365	HOLDER, SPRING, LH
7	2	186513	VACUUM CLIP MNT
6	2	186490	KEY
5	1	186488	SHAFT, CONV, LWR
4	1	142585	VACUUM CLIP MNT
3	1	140334	SPKLT WITH TLSP5U
2	1	140332	TAKE - UP SCREW
1	2		

ITEM	QTY	PART NUM	DESCRIPTION
BILL OF MATERIALS			
ARPAC 9511 WEST RIVER ST. SCHILLER PARK, IL 60176			
UNLESS OTHERWISE SPECIFIED: FRACTIONS: ±.004 ALL DIMENSIONAL TOLERANCES: TWO (2) DECIMALS ±.005 THREE (3) DECIMALS ±.005 ANGLES ±.5°			
DRAWN	4/17/2018	BY: SRA	SCALE: 1:6 SIZE: D
RELEASED:	FILENAME: 358161	APPROVED BY:	
DESCRIPTION: ASSY, ROLLERS, PINCH, RH MAGAZINE			
358161 DRAWING NUMBER: 358161			



7	1	358161	ASSY. ROLLERS, PINCH, RH MAGAZINE
6	1	290825	ASSY. MAGAZINE, GUIDE, SUPPORT, RH
5	1	328784	ASSY. HOPPER, RH MACH
4	1	290792	ASSY. SCREW, ADJ, RH
3	1	290827	ASSY. MAGAZINE, GUIDE, RH
2	1	290828	ASSY. SCREW, ADJ, MAGAZINE
1	1	244278-002	ASSY. BLANK, SUPPORT & GUIDE, RH
ITM	QTY	PART NUM	DESCRIPTION

BILL OF MATERIALS

ARPAC 9511 WEST RIVER ST.
SCHILLER PARK, IL 60176

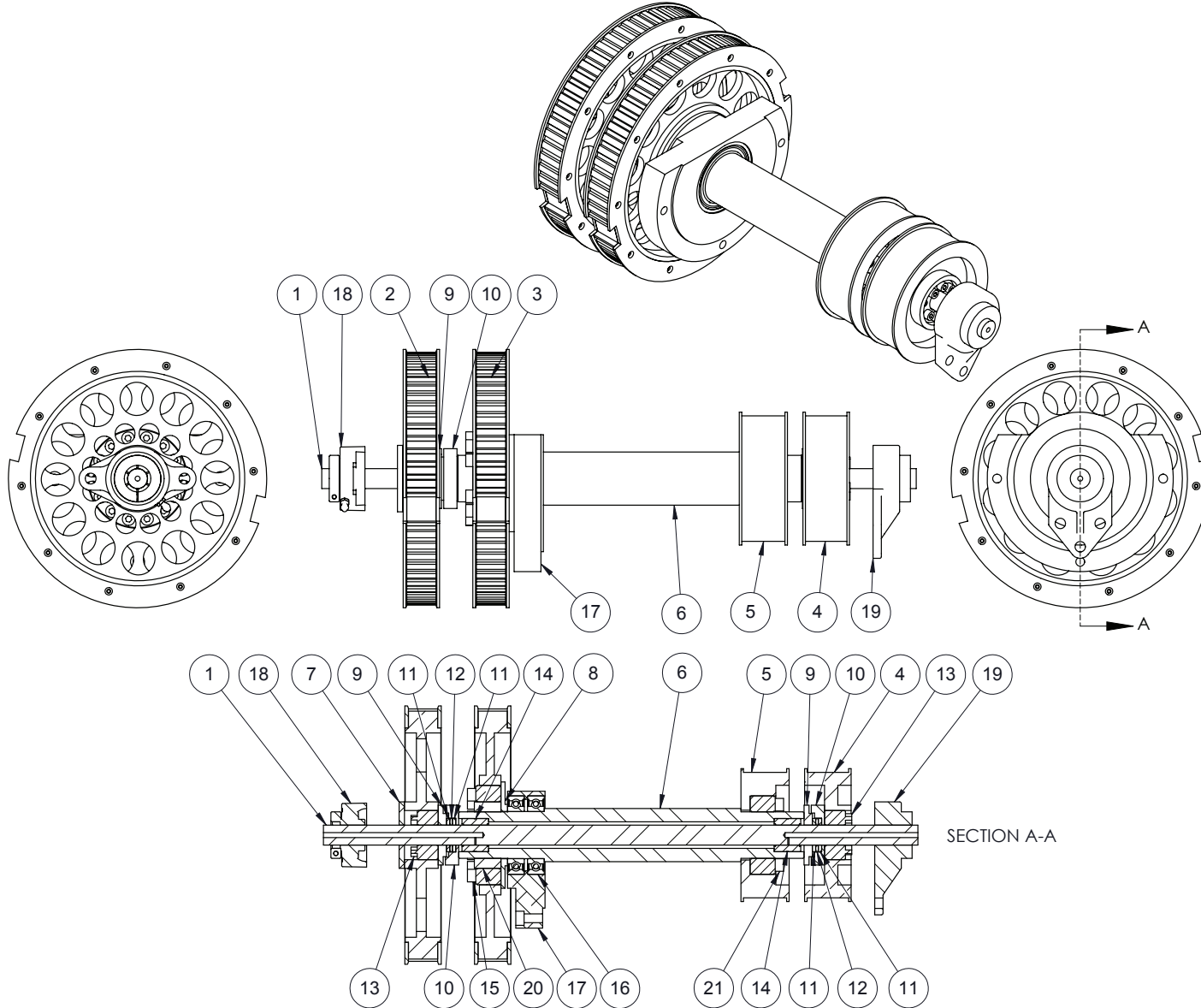
UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONAL TOLERANCES:

FRACTIONS	± 1/64
TWO (2) DECIMALS	± 0.010
THREE (3) DECIMALS	± 0.005
ANGLES	± 0.5°

DRAWN: 3/31/2021	BY: SRA	SCALE: 1:8	SIZE: C
RELEASED:	FILENAME: 358162	APPROVED BY:	

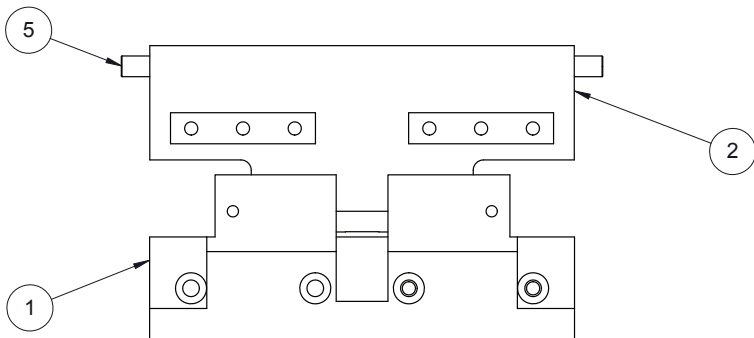
DESCRIPTION:
ASSY. MAGAZINE, BLANK FEED, TS-2000, RH

	DRAWING NUMBER: 358162
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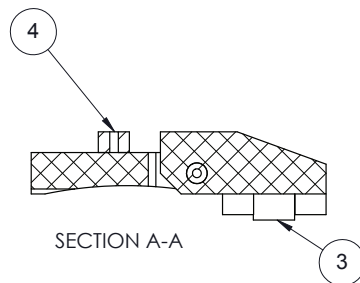
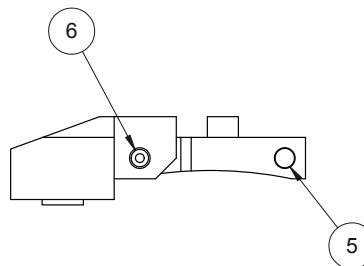
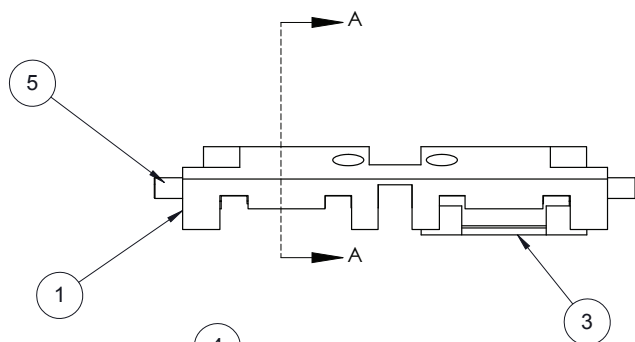
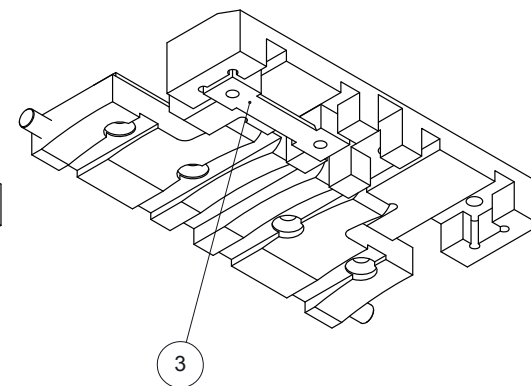
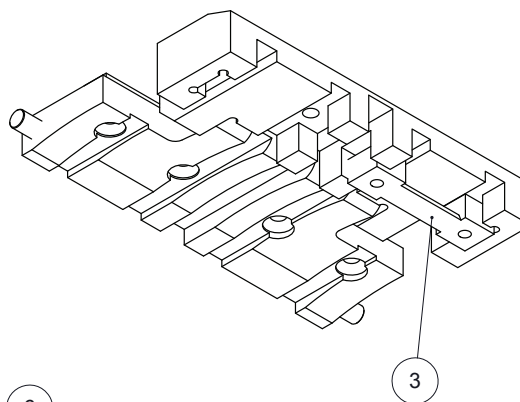
21	1	803668-007	LOCKING DEVICE, KEYLESS 1-3/4"
20	1	221042	ADAPTOR, PULLEY LOWER, OUTER SPINDEL
19	1	802770	BRG, FLG, 3/4 ID, 3-BOLT, SINGLE-LOCK, STANDARD DUTY
18	1	807854	BRG, FLG, 3/4 ID, 2-BOLT, SKWEZLOC, STANDARD-DUTY
17	1	193202	HOUSING
16	2	817243	BRG, CART, 1.771 X 2.95 X .6299 LG TWO SEALS
15	1	803668-009	LOCKING DEVICE, KEYLESS 2-1/2"
14	2	846484	BRG, NEEDLE, 3/4 X 1-1/4 X 1 LG, DOUBLE SEAL, HEAVY DUTY
13	2	803668	LOCKING DEVICE, KEYLESS 3/4
12	2	802947	BRG, THRUST, 3/4 X 1-1/4 X 5/64 RLR DIA.
11	4	802948	WSHR, THRUST, 3/4 X 1-1/4 X 1/8 THK
10	2	108509	BEARING, HOUSING
9	2	108508	DISK, VERT. SHAFT RETAINER
8	1	193201	SPACER
7	1	193200	DISK, VERT. SHAFT RETAINER
6	1	364841	SPINDLE, OUTER
5	1	195556	PULLEY, 30T, 1/2P, 1-1/2W, SPECIAL
4	1	108570	SPINDLE INNER DRIVER SPROCKET
3	1	221040	PULLEY, OUTER SPINDLE, LOWER
2	1	221038	PULLEY, INNER SPINDLE, UPPER
1	1	193195	CONCENTRIC DRIVE SPINDLE INNER SHAFT

ITM	QTY	PART NUM	DESCRIPTION	
BILL OF MATERIALS				
ARPAC			9511 WEST RIVER ST. SCHILLER PARK, IL 60176	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONAL TOLERANCES:			FRACTIONS ± 1/64 TWO (2) DECIMALS ± 0.010 THREE (3) DECIMALS ± 0.005 ANGLES ± 0.5°	
DRAWN: 1/14/2020		BY: HG	SCALE: 1:4	SIZE: B
RELEASED:		FILENAME: 364832	APPROVED BY:	
DESCRIPTION: ASSY, PULLEY, DRIVE, VERTICAL				
			DRAWING NUMBER: 364832	



369992

369992-001



SECTION A-A

369992 AS SHOWN
369992-001 OPPOSITE

6	2	195469	MOUNTING PIN - LONG
5	2	803621-008	PIN, DOWEL, 1/4 X 3/4, SS,
4	2	286739	LUG, MNT KEY
3	1	193215	CLAMP
2	1	286738	MNT, LUG
1	1	286737	BRACKET
ITM	QTY	PART NUM	DESCRIPTION

BILL OF MATERIALS

ARPAC

9511 WEST RIVER ST.
SCHILLER PARK, IL 60176

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONAL TOLERANCES:

FRACTIONS
TWO (2) DECIMALS
THREE (3) DECIMALS
ANGLES

± 1/64
± 0.010
± 0.005
± 0.5°

DRAWN: 1/15/2020 BY: SRA SCALE: 2:3 SIZE: B

FILENAME: 369992

DESCRIPTION: ASSY, CARRIER, LUG, COLLATOR

25

DRAWING NUMBER:
369992

D

C

B

A

ARPAC B SIZE FORMAT R5.1

2

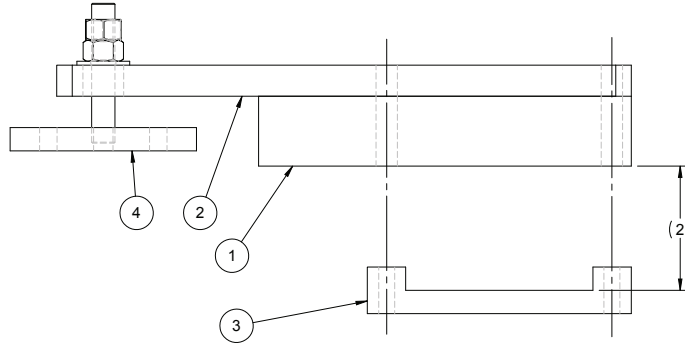
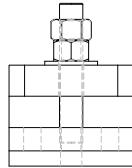
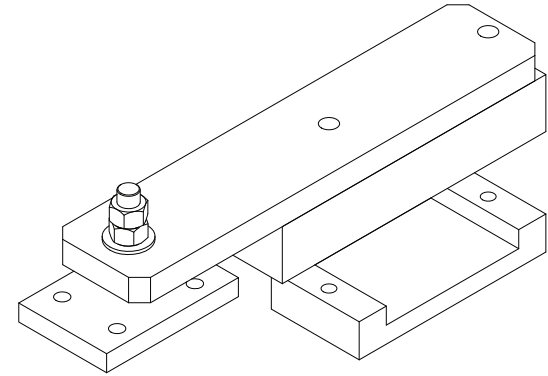
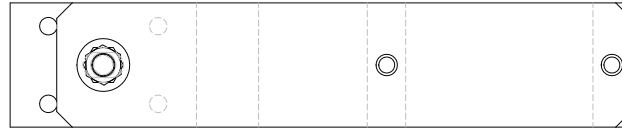
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2

1

BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	1	371504	BLK, SPACER, SUPPORT, FRAME, DOOR
2	1	371503	PLT, SUPPORT, FRAME, DOOR
3	1	371511	PLT, CLAMP
4	1	371507	WLDMT, ADJ, FRAME, DOOR
5	4	845826	T-NUT, E, M6, SLIDING DOORS

NOTE: ITEM 5 NOT SHOWN



REV	DATE	BY	NOTE
REVISIONS			
SIZE	SCALE	MATERIAL	DESCRIPTION
B	1:2	SEE BILL OF MATERIALS	ASSY, SUPPORT, ADJ, FRAME, DOOR
3RD ANGLE	UNITS	FINISH	NUMBER
	INCH	NONE	371514
TOLERANCES			
X.X: ±1/32			
X.XX: ±.015			
X.XXX: ±.005			
ANGLES: ±1°			

NOTES		CREATED IN SOLIDWORKS 2018		ARPAC	
• INTERPRET PER ASME Y14.5M-1994.		9555 W. Irving Park Rd.		Schiller Park, IL 60176	
• DIMENSIONS ARE IN INCHES [mm].		www.arpac.com			
• DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY.					
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• CREATED IN SOLIDWORKS 2018.					
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	UPDATED BY	sarcher			
DRAFT	DATE CREATED	Monday, April 13, 2020 3:57:17 PM			
	DATE UPDATED	Monday, April 13, 2020 4:43:40 PM			
	UPDATED BY	sarcher			

D

C

B

A

ARPAC B SIZE FORMAT R5.1

2

1

D

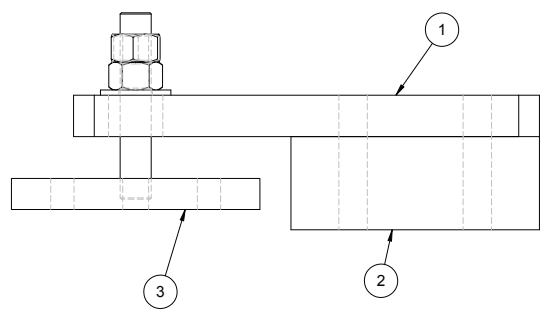
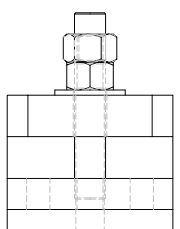
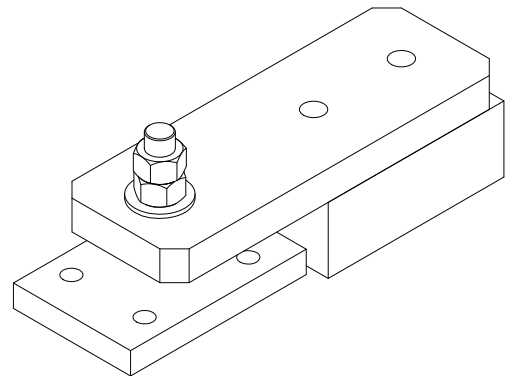
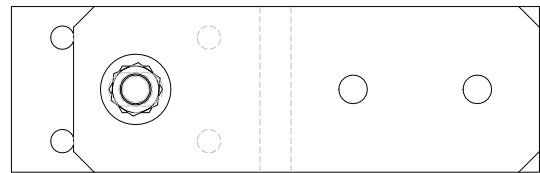
C

B

A

BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	1	371512	PLT, SUPPORT, FRAME, DOOR
2	1	371513	BLK, SPACER, SUPPORT, FRAME, DOOR
3	1	371507	WLDMT, ADJ, FRAME, DOOR
4	4	845826	T-NUT, E, M6, SLIDING DOORS

NOTE: ITEM 4 NOT SHOWN



REV	DATE	BY	NOTE
REVISIONS			
SIZE		SCALE	MATERIAL
B		2:3	SEE BILL OF MATERIALS
3RD ANGLE		UNITS	DESCRIPTION
INCH		INCH	ASSY, SUPPORT, ADJ, FRAME, DOOR
TOLERANCES		FINISH	NUMBER
X.X: ±1/32 X.XX: ±.015 X.XXX: ±.005 ANGLES: ±1°		NONE	371515

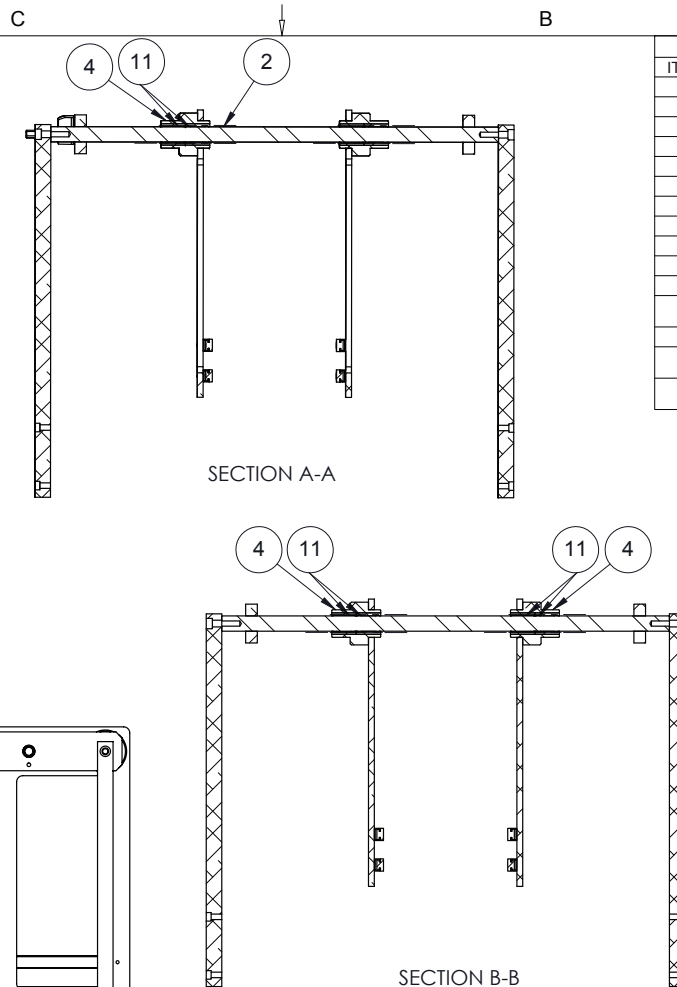
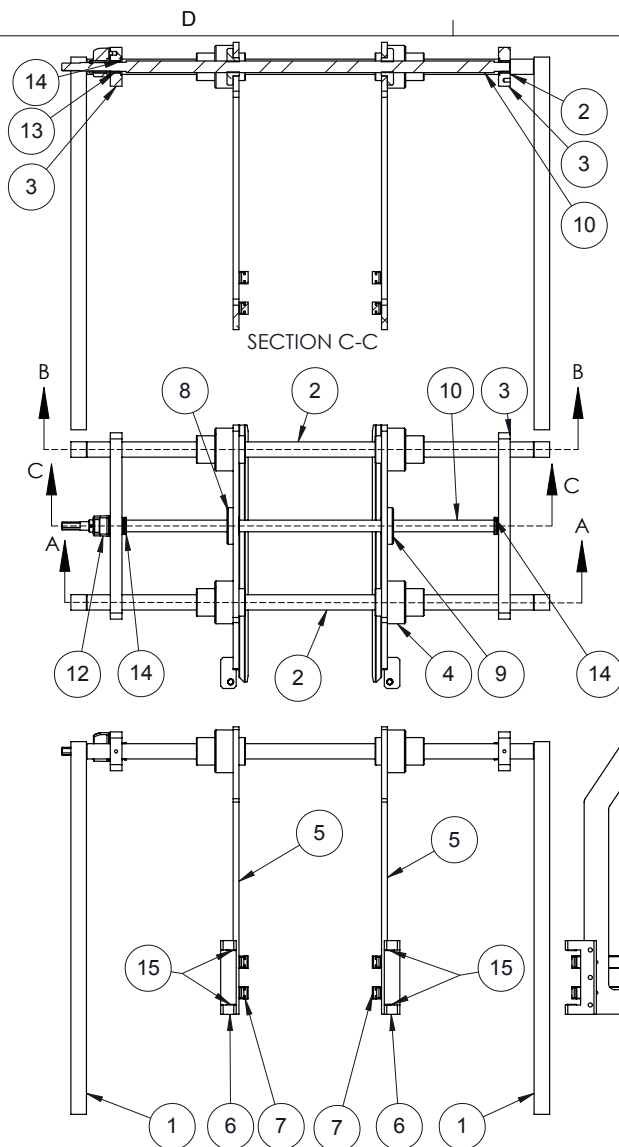
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• INTERPRET PER ASME Y14.5M-1994. • DIMENSIONS ARE IN INCHES [mm]. • DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY. • BREAK SHARP EDGES AND CORNERS. • PROPRIETARY NOTICE: THIS INFORMATION IS THE PROPERTY OF ARPAC LLC AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS OBTAINED. • CREATED IN SOLIDWORKS 2018.		371515/Default	9555 W. Irving Park Rd. Schiller Park, IL 60176 www.arpac.com
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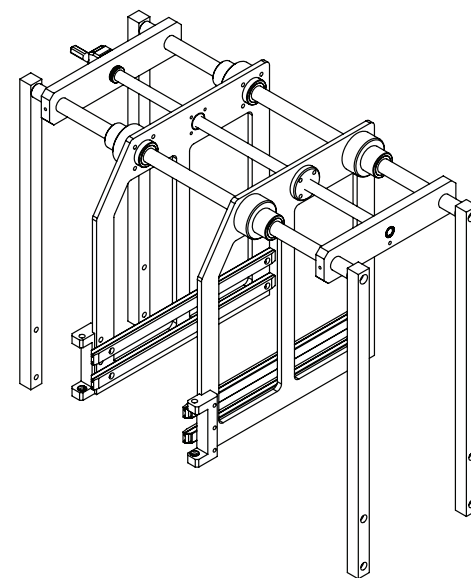
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B

A



BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	4	284073	SUPPORT COLUMN GUIDES
2	2	372299	BAR, SUPPORT, GUIDE, LANE
3	2	284077	HANDRAIL SUPPORT
4	4	284080	SUPPORT SLEEVE
5	2	284081	PLT, SIDE, GUIDE, LANE
6	2	284082	BLK, SUPPORT, GUIDE, LANE
7	4	289850	GUIDE, CHAIN, 14X20MM MODIFIED
8	1	293304	NUT, GUIDE, SCREW, ADJ, GUIDE, LANE
9	1	293305	NUT, GUIDE, SCREW, ADJ, GUIDE, LANE
10	1	372274	SCREW, ADJ, GUIDE, LANE, 17" OPEN
11	8	827974	BRG, LINEAR, BALL, ID25MM, OD35MM, L40MM
12	1	827975	INDICATOR, DIGITAL, DIRECT DRIVE, INCLINED UPPER, P4MM, CW
13	2	845289	BUSH, OILITE, 20MM OD X 15MM ID X 15MML
14	2	846868	BRG, BALL, DEEP GROOVE, AXIAL, ID15MM, OD28MM, W9MM
15	4	845590	BUSH, FLG, 8MM ID X 10MM OD X 9.5MM LG X 15MM FLG OD



NOTES

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CREATED IN
SOLIDWORKS 2018

ARPAC
A DURAVANT COMPANY

9555 W. Irving Park Rd.
Schiller Park, IL 60176
www.arpac.com

FILE \CONFIG
SIMILAR TO

372271\372271

DATE CREATED

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DATE UPDATED

Wednesday, March 24, 2021 6:10:44 PM

DATE CREATED

Tuesday, September 11, 2012 9:21:31 AM

DATE UPDATED

Wednesday, March 24, 2021 6:12:10 PM

DATE CREATED

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DATE UPDATED

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DATE UPDATED

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DATE CREATED

Tuesday, September 11, 2012 9:21:31 AM

DATE UPDATED

Wednesday, March 24, 2021 6:12:10 PM

SIZE
B

SCALE
1:8

MATERIAL
SEE BILL OF MATERIALS

DESCRIPTION
ASSY, GUIDE, LANE,
ENTRY, DIVIDER,
DYNAMIC, MAX 10" W

3RD ANGLE

UNITS
INCH

FINISH
PART OF ASSEMBLY

NUMBER
372271

TOLERANCES

X.X: ±1/32

X.XX: ±.015

X.XXX: ±.005

ANGLES: ±1°

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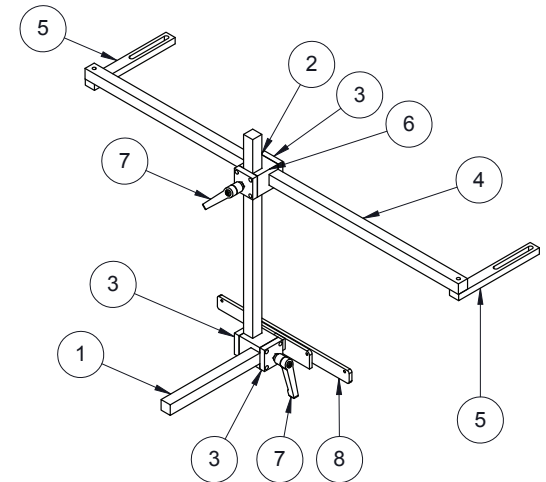
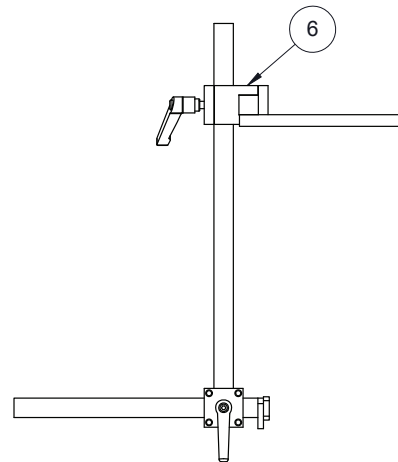
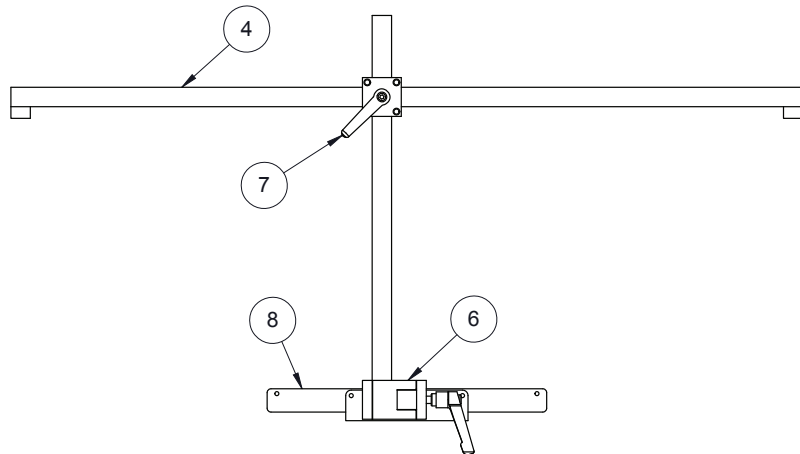
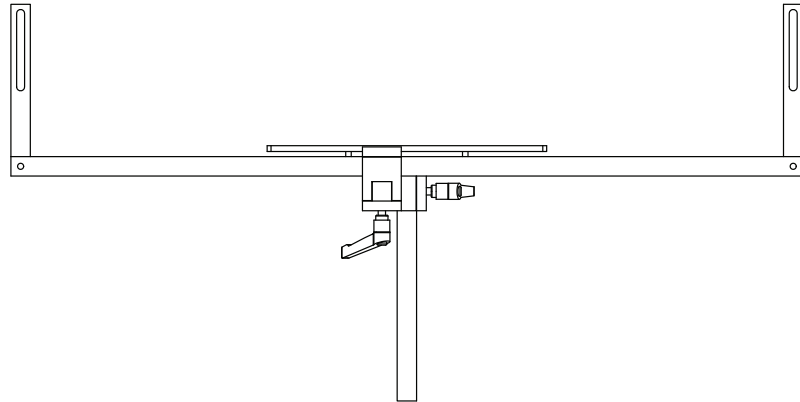
C

B

A

BILL OF MATERIALS

ITEM	QTY	NUMBER	DESCRIPTION
1	1	284203	SENSOR ADJUSTMENT SUPPORT
2	1	284206-001	BAR, VERTICAL ADJ, 13" LG
3	4	284207	FLANGE PLACKAT
4	1	372280	BAR, BRIDGE, ADJ
5	2	284209	SUPPORT BRACE
6	2	284210	BLK. CLAMP BODY
7	2	845686	HANDLE, ADJ, M6X1, THRD 45MM, HNDL RAD 30MM
8	1	306874	PLT, ADAPTOR, MTG, SENSOR



NOTES

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- CREATED IN SOLIDWORKS 2018.

CREATED IN
SOLIDWORKS 2018**ARPAC**
A DURAVANT COMPANY9555 W. Irving Park Rd.
Schiller Park, IL 60176
www.arpac.comMODEL
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DATE CREATED
DATE UPDATED
UPDATED BY372277/372277
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Friday, July 24, 2020 10:50:11 AM
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UPDATED BYWednesday, August 29, 2012 4:40:16 PM
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jwSIZE
B3RD ANGLE
TOLERANCES
X.X: ±1/32
X.XX: ±.015
X.XXX: ±.005
ANGLES: ±1°SCALE
1:8UNITS
INCHMATERIAL
SEE BILL OF MATERIALSFINISH
PART OF ASSEMBLY

DESCRIPTION

ASSY, PRODUCT
COUNT, DYN DIV

NUMBER

372277

D

C

B

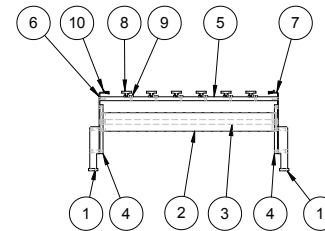
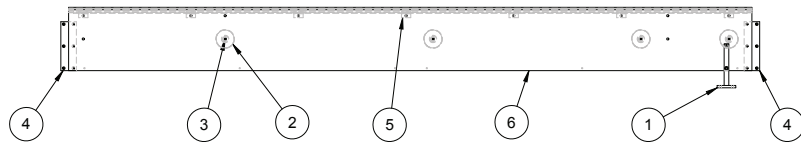
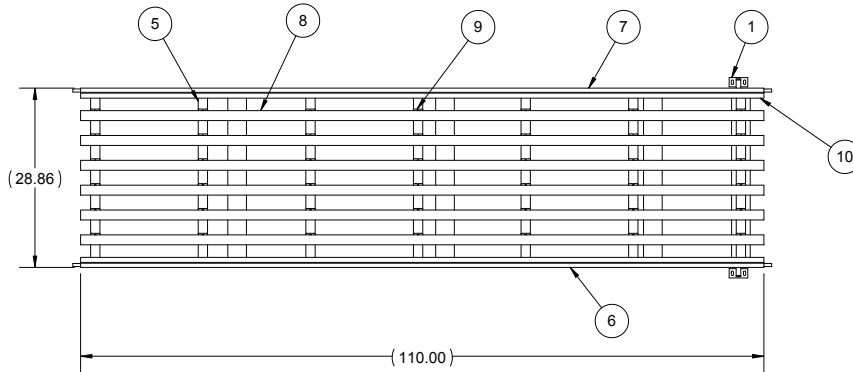
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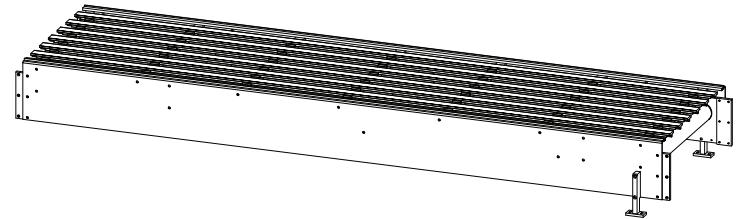
C

B

A



BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	2	284097	ASSY, WLDMT, SUPPORT, CARRIER
2	4	300373	DEFLECTION ROLLER
3	4	309572-009	SHAFT, IDLER
4	4	315002	PLT, CONNECTING, CONV, DIVIDER, DYNAMIC, CSINK
5	7	345146	CROSSBAR, INTERMEDIATE
6	1	372288	PLT, SIDE, CONV, DIVIDER, DYNAMIC
7	1	372288-001	PLT, SIDE, CONV, DIVIDER, DYNAMIC
8	6	801296-002	RAIL, GUIDE, TEE, 1.60 W, 10' LG, SS
9	42	801359	CLAMP, RAIL, SINGLE, 1.5 LG, SS, ROUND HOLE
10	2	850128	EXTRUSION, UHMW, J-LEGS, 10' LG, FOR 11GA SHEET



REV	DATE	BY	NOTE
REVISIONS			
SIZE	SCALE	MATERIAL	DESCRIPTION
B	1:20	SEE BILL OF MATERIALS	ASSY, CONV, LONG, DIVIDER, DYNAMIC
3RD ANGLE	UNITS	FINISH	NUMBER
	INCH	PART OF ASSEMBLY	372287
TOLERANCES			
X.X: ±1/32			
X.XX: ±.015			
X.XXX: ±.005			
ANGLES: ±1°			

NOTES

- INTERPRET PER ASME Y14.5M-1994.
- DIMENSIONS ARE IN INCHES [mm].
- DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY.
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- CREATED IN SOLIDWORKS 2013.

CREATED IN SOLIDWORKS 2013		ARPAC	
		9555 W. Irving Park Rd. Schiller Park, IL 60176 www.arpac.com	
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DRAFT	DATE CREATED DATE UPDATED UPDATED BY	Wednesday, February 28, 2018 4:49:15 PM Thursday, October 15, 2020 3:48:48 PM sarcher	

ARPAC B SIZE FORMAT R5.1

2

1

D

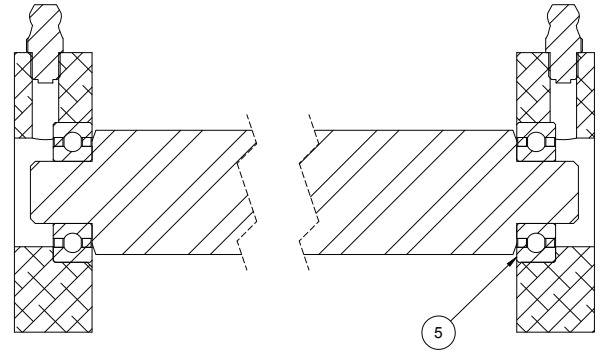
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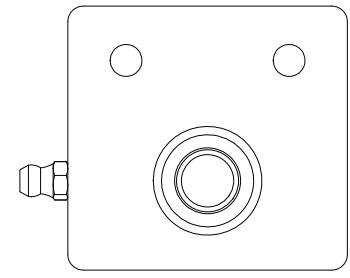
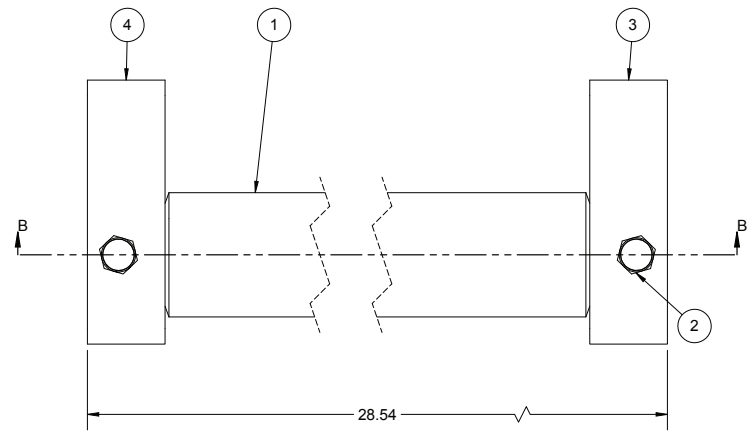
C

B

A



SECTION B-B



BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	1	372308	SHAFT, IDLER, CONV, INFEED
2	2	828156	FTG, GREASE, STRAIGHT, SS, 1/4-28
3	1	372307	BEARING SUPPORT
4	1	372307-001	BEARING SUPPORT
5	2	810473	BRG, CART, 1/2 X 1-1/8 X 5/16 LG, SS,DOUBLE SEALED

REV	DATE	BY	NOTE
REVISIONS			
SIZE		SCALE	MATERIAL
B		1:1	SEE BILL OF MATERIALS
3RD ANGLE		UNITS	DESCRIPTION
INCH			ASSY, ROLLER, NOSE
TOLERANCES		FINISH	NUMBER
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X.XX: ±.015			
X.XXX: ±.005			
ANGLES: ±1°			

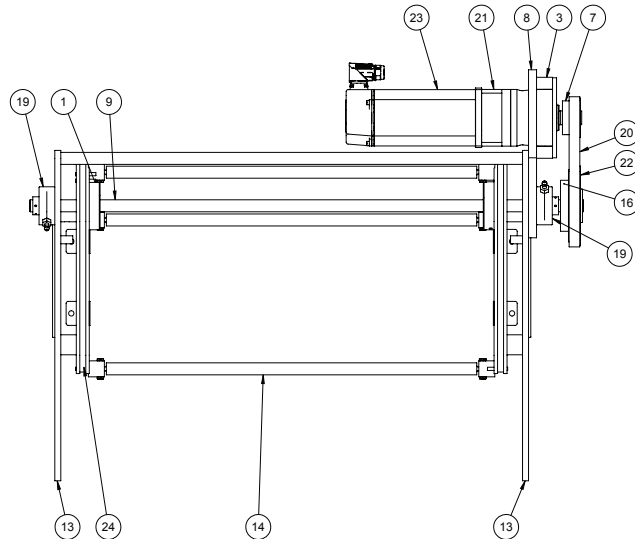
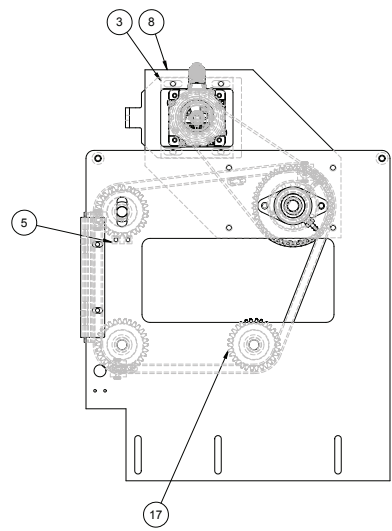
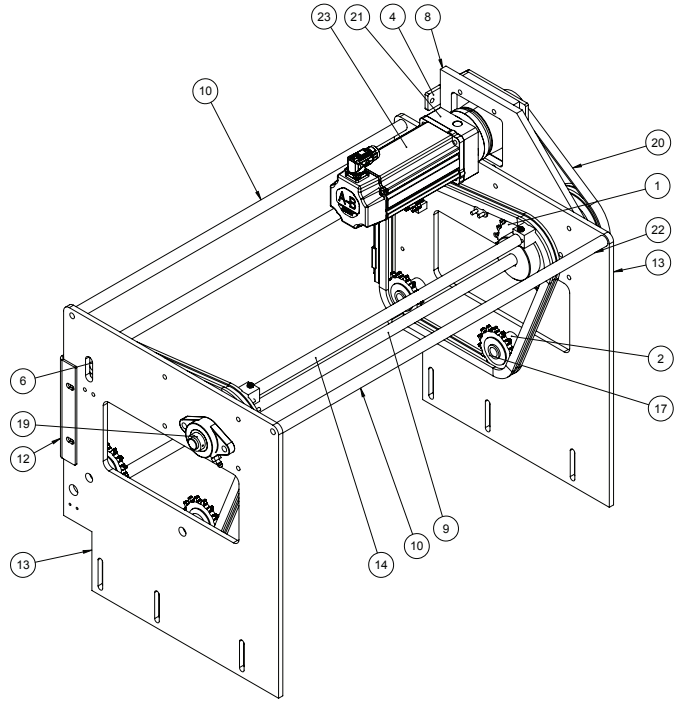
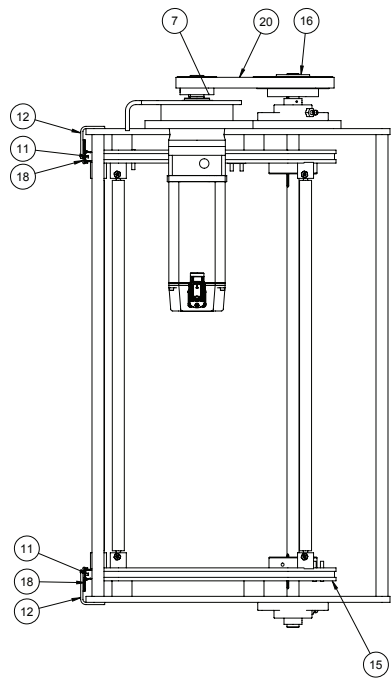
NOTES		CREATED IN	ARPAC A DURAVANT COMPANY	9555 W. Irving Park Rd. Schiller Park, IL 60176 www.arpac.com
• INTERPRET PER ASME Y14.5M-1994.		SOLIDWORKS 2018		
• DIMENSIONS ARE IN INCHES [mm].		MODEL		
• DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY.		FILE \ CONFIG		
• BREAK SHARP EDGES AND CORNERS.		DATE CREATED	372306\372306	
• PROPRIETARY NOTICE: THIS INFORMATION IS THE PROPERTY OF ARPAC LLC AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS OBTAINED.		DATE UPDATED	Thursday, July 16, 2020 2:56:49 PM	
• CREATED IN SOLIDWORKS 2018.		UPDATED BY	Friday, July 24, 2020 4:31:27 PM	
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			DATE UPDATED	Friday, July 24, 2020 4:31:27 PM
			UPDATED BY	jw

C

B

A

ARPAC C SIZE FORMAT REV.1



#50 HOLLOW PIN CHAIN 47.5" LENGTH EACH SIDE
FLIGHT BAR PITCH = 23.75"
GEARBOX RATIO = 10
PULLEY RATIO = 2
CHAIN DRIVE SPROCKET IS 24 TEETH
31.66 SERVO MOTOR REVOLUTION = 1 FLIGHT BAR PITCH (23.75")
1 MOTOR REVOLUTION = .75 FLIGHT BAR TRAVEL

BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	2	101931	SPKT, 50B24, MOD, 0.750 BORE
2	4	224000-018	SPCR, AL, 21/32 ID X 1-1/4 OD, 1.016 LG
3	2	265558	SPACER, BKT, MTG, SERVO
4	1	265560	BKT, MTG, GEARBOX
5	2	265572	BLK, TENSIONER
6	2	265580	SPCR, AL, 21/32 ID X 1 1/4 OD
7	1	311856	PULLEY, TIMING, 25T, MOD, 22MM BORE
8	1	311892	BKT, MTG, SERVO, ESCAPEMENT
9	1	313299	SHAFT, DRIVE, ESCAPEMENT
10	2	314897	SHAFT, 0.750, TAPPED, 3/8-16
11	2	345119	RAIL, GUIDE, CHAIN, #50, SS, 8.13" LG
12	2	357531	ANGLE, MTG, RAIL, CHAIN
13	2	372438	PLT, SIDE, BAR, FLIGHT, ESCAPEMENT
14	3	374154	ASSY, BAR, FLIGHT, RELEASE, QUICK
15	2	800472	CHAIN, RLR, #50, HOLLOW PIN
16	1	800663	BUSH, TAPER, OD, 3/4 BORE X 1-3/8 LG
17	6	800905	SPKT, 50BB15H, IDLER, 5/8 ID, HARDENED TEETH
18	4	801359	CLAMP, RAIL, SINGLE, 1.5 LG, SS, ROUND HOLE
19	2	826966	BRG, FLG, 3/4 ID, 2-BOLT, 3.53 MTG HOLES
20	1	841291	BELT, TIMING, 8MM P, 16MM W, 25.2 LG, 80 TEETH, EAGLE PD, HELICAL OFFSET TEETH
21	1	848475	GEARBOX, PLANETARY, NP SERIES, 10:1, FOR MPL-B3/OP
22	1	849289	PULLEY, TIMING, 50T, 8 MM P, 17 MM W, SDS BORE
23	1	849460	MOTOR, SERVO, 37 IN-LB, 4750 RPM, 460VAC, W/BRAKE, KINETIX 5000 CONTROLLER
24	4	869213	LINK, CHAIN, 50 D-3

REV		DATE	BY	NOTE
REVISIONS				
SIZE	SCALE	MATERIAL	DESCRIPTION	
C	1:6	SEE BILL OF MATERIALS	ASSY, BAR, FLIGHT, ESCAPEMENT, 28.86" WIDE, 23.75" PITCH QR	
3RD ANGLE	UNITS	FINISH	PART OF ASSEMBLY	
INCH			372332-001	
TOLERANCES				
XX: ±1/32				
X.XX: ±0.015				
X.XXX: ±0.005				
ANGLES: ±1°				
NOTES				
CREATED IN SOLIDWORKS 2018				
• INTERPRET PER ASME Y14.5M-1994. DIMENSIONS ARE IN INCHES (mm). DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY.				
• BREAK SHARP EDGES AND CORNERS.				
• PROPRIETARY NOTICE: THIS INFORMATION IS THE PROPERTY OF ARPAC LLC AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS OBTAINED.				
• CREATED IN SOLIDWORKS 2018.				

ARPAC

A BARRACUDA COMPANY

9555 W. Irving Park Rd.
Suite 100, Ft. Worth, TX 76177
www.arpac.com

3723320372332-001

Wednesday, September 10, 2014 11:19:27 AM

Friday, April 16, 2021 6:50:22 AM

pmrntz

Monday, July 27, 2020 9:44:36 AM

Tuesday, April 27, 2021 10:10:52 AM

sarcher

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SIMILAR TO

DATE CREATED

DATE UPDATED

DATE CREATED

DATE UPDATED

DATE CREATED

DATE UPDATED

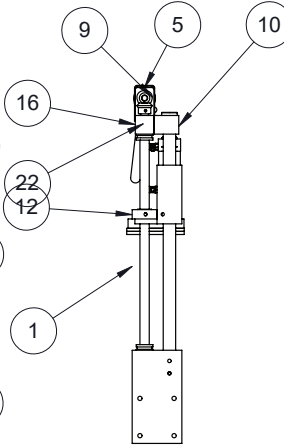
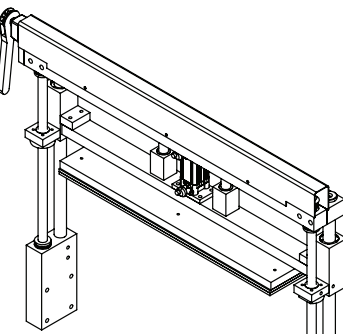
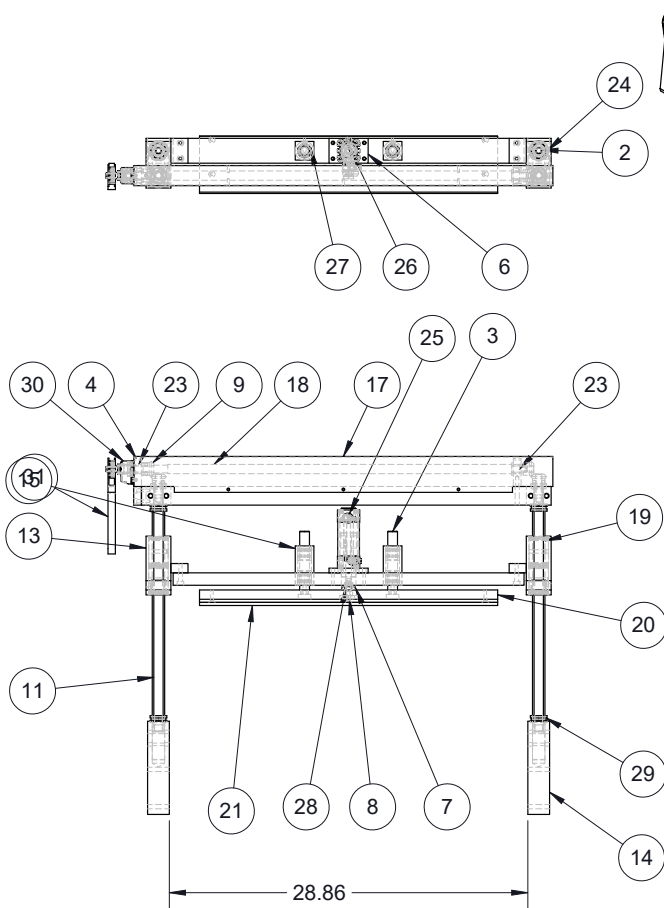
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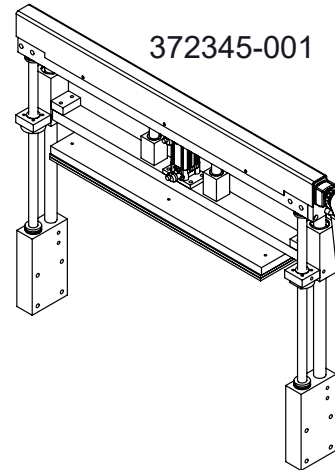
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372345



372345-001



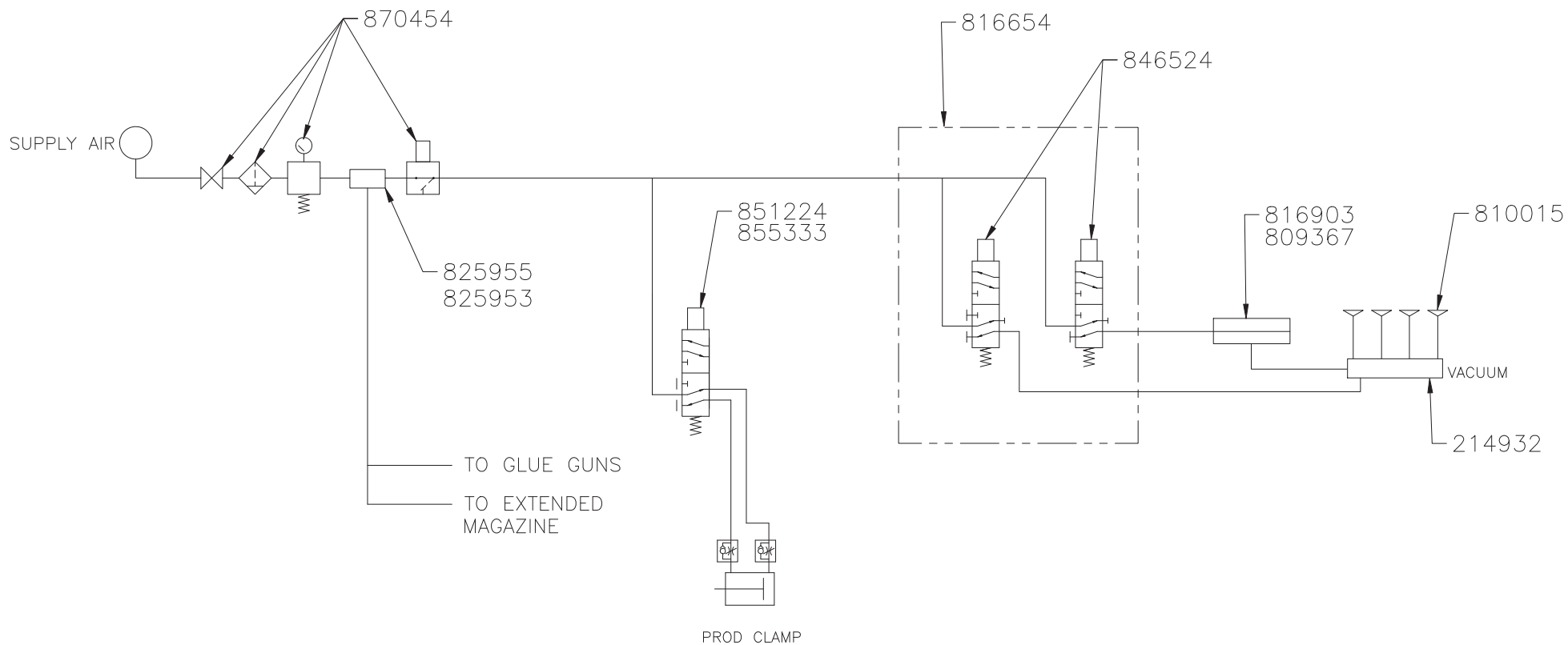
BILL OF MATERIALS

ITEM	QTY	NUMBER	DESCRIPTION
1	2	300306	NUT, FLANGE
2	2	300314	WASHER, CLAMP
3	2	300317	SHAFT, GUIDE
4	1	300322	PLT, MTG, SHAFT
5	1	300323	PLT, MTG, SHAFT
6	1	300326	PLT, MTG, CYL
7	1	300711	NUT, FLOATING
8	1	300712	NUT SPECIAL
9	4	309590	GEAR, MITER, 12DP, 15T, 0.50B
10	2	309593	BLK, MTG, SHAFT
11	2	309594	SCREW, ADJ, VERT
12	1	309597	WLDMNT, BLK, ADJ. VERT
13	1	309597-001	WLDMNT, BLK, ADJ. VERT
14	2	311965	BLK, MTG, CLAMP
15	1	313273	WLDMNT, BAR, MTG, CYL
16	1	313274	BAR, CROSS, TOP
17	1	313275	COVER, TOP
18	1	313276	SHAFT, CROSS, ADJ.
19	2	313279	SHAFT, SLIDE
20	1	372346	PLT, CLAMP, PRODUCT
21	1	372347	SUBASSY, PLT, CLAMP, RUBBER, EXT
22	6	800366	BUSH, OILITE, 0.6260 X 0.7530 X 1/2 LG
23	2	806159	BUSH, OILITE, FLG, 0.502 X 0.753 X 5/8, 1 OD X 1/8 THK FLG
24	4	819834	BUSH, BALL, 1 X 1-9/16 X 2-1/4 LG WITH TWO INTEGRAL WIPWERS
25	2	825362-001	VALVE, CONTROL, FLOW, 1/8 NPT X 1/4 TUBE 90DEG, NUMERIC INDICATOR, MTR OUT
26	1	828032	SENSOR, AIR CYLINDER
27	4	846871	BRG, LINEAR, BALL, ID20MM, OD28MM, L30MM
28	1	847969	CYL, AIR, 32mm BORE, 25mm STROKE
29	4	848781	BRG, THRUST, BALL, 5/8 ID, 1-11/32 OD, 9/16 TALL
30	1	848782	COUNTER, DIGITAL, 1/2 HOLLOW BORE, CW, 25 COUNTS/TURN, UPSIDE DOWN
31	1	849178	WRENCH, RATCHET 3/8 SQ X 6-15/16 LG

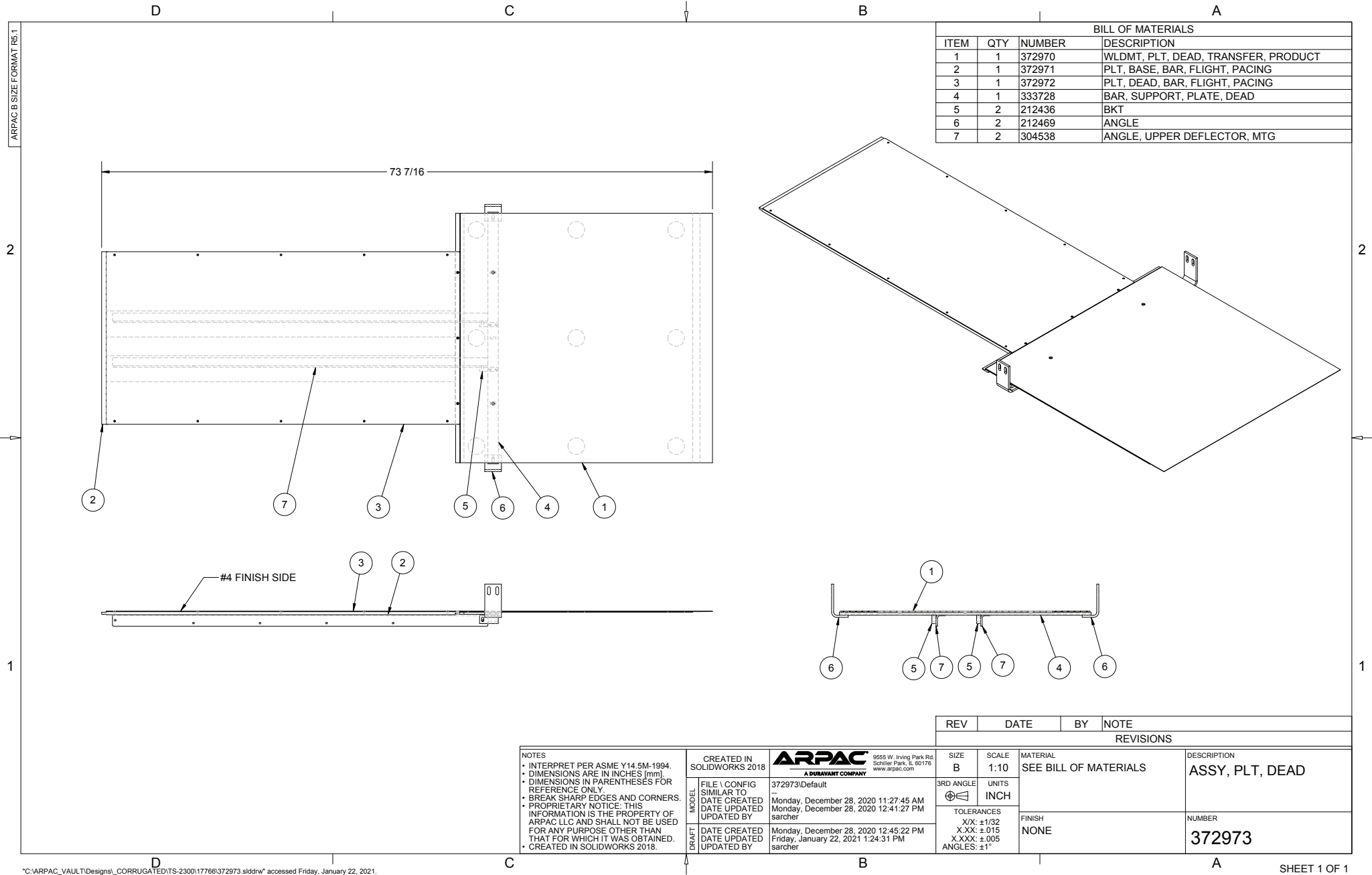
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- INTERPRET PER ASME Y14.5M-1994.
- DIMENSIONS ARE IN INCHES [mm].
- DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY.
- BREAK SHARP EDGES AND CORNERS.
- PROPRIETARY NOTICE: THIS INFORMATION IS THE PROPERTY OF ARPAC LLC AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS OBTAINED.
- CREATED IN SOLIDWORKS 2018.

CREATED IN
SOLIDWORKS 2018**ARPAC**
A DURAVANT COMPANY9555 W. Irving Park Rd.
Schiller Park, IL 60176
www.arpac.comFILE \CONFIG
SIMILAR TO
DATE CREATED
DATE UPDATED
UPDATED BY372345\372345
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Thursday, June 12, 2014 11:15:32 AM
Friday, April 9, 2021 1:21:52 PM
jmeintzDRAFT
DATE CREATED
DATE UPDATED
UPDATED BYTuesday, February 10, 2015 4:26:35 PM
Monday, August 10, 2020 3:41:13 PM
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TOLERANCES
X.X: ±1/32
X.XX: ±.015
X.XXX: ±.005
ANGLES: ±1°SIZE
BSCALE
1:10MATERIAL
SEE BILL OF MATERIALSUNITS
INCHFINISH
PART OF ASSEMBLYDESCRIPTION
ASSY, CLAMP,
PRODUCT, COLLATOR,
28.858" W CONVNUMBER
372345



ARPAC		9511 WEST RIVER ST. SCHILLER PARK, IL 60176	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONAL TOLERANCES:		FRACTIONS TWO (2) DECIMALS THREE (3) DECIMALS ANGLES	± 1/64 ± 0.010 ± 0.005 ± 0.5°
DRAWN: 8/27/2020	BY: SRA	SCALE: NONE	SIZE: B
RELEASED:	FILENAME: 372650	APPROVED BY:	
DESCRIPTION: SCHEMATIC, PNEUMATIC, VACUUM			
24VDC, TS-2300			
			DRAWING NUMBER: 372650



BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	1	372970	WLDMT, PLT, DEAD, TRANSFER, PRODUCT
2	1	372971	PLT, BASE, BAR, FLIGHT, PACING
3	1	372972	PLT, DEAD, BAR, FLIGHT, PACING
4	1	333728	BAR, SUPPORT, PLATE, DEAD
5	2	212436	BKT
6	2	212469	ANGLE
7	2	304538	ANGLE, UPPER DEFLECTOR, MTG

REV	DATE	BY	NOTE
REVISIONS			
SEE BILL OF MATERIALS			
FINISH NONE			
ASSY, PLT, DEAD			
NUMBER			
372973			

NOTES		CREATED IN SOLIDWORKS 2018		ARPAC A DURAVANT COMPANY	
• INTERPRET PER ASME Y14.5M-1994.		FILE \CONFIG		372973\Default	
• DIMENSIONS ARE IN INCHES [mm].		DATE CREATED		Monday, December 28, 2020 11:27:45 AM	
• DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY.		DATE UPDATED		Monday, December 28, 2020 12:41:27 PM	
• BREAK SHARP EDGES AND CORNERS.		UPDATED BY		sarcher	
• PROPRIETARY NOTICE: THIS INFORMATION IS THE PROPERTY OF ARPAC LLC AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS OBTAINED.		DATE CREATED		Monday, December 28, 2020 12:45:22 PM	
• CREATED IN SOLIDWORKS 2018.		DATE UPDATED		Friday, January 22, 2021 1:24:31 PM	
		UPDATED BY		sarcher	

ARPAC C SIZE FORMAT R1.1

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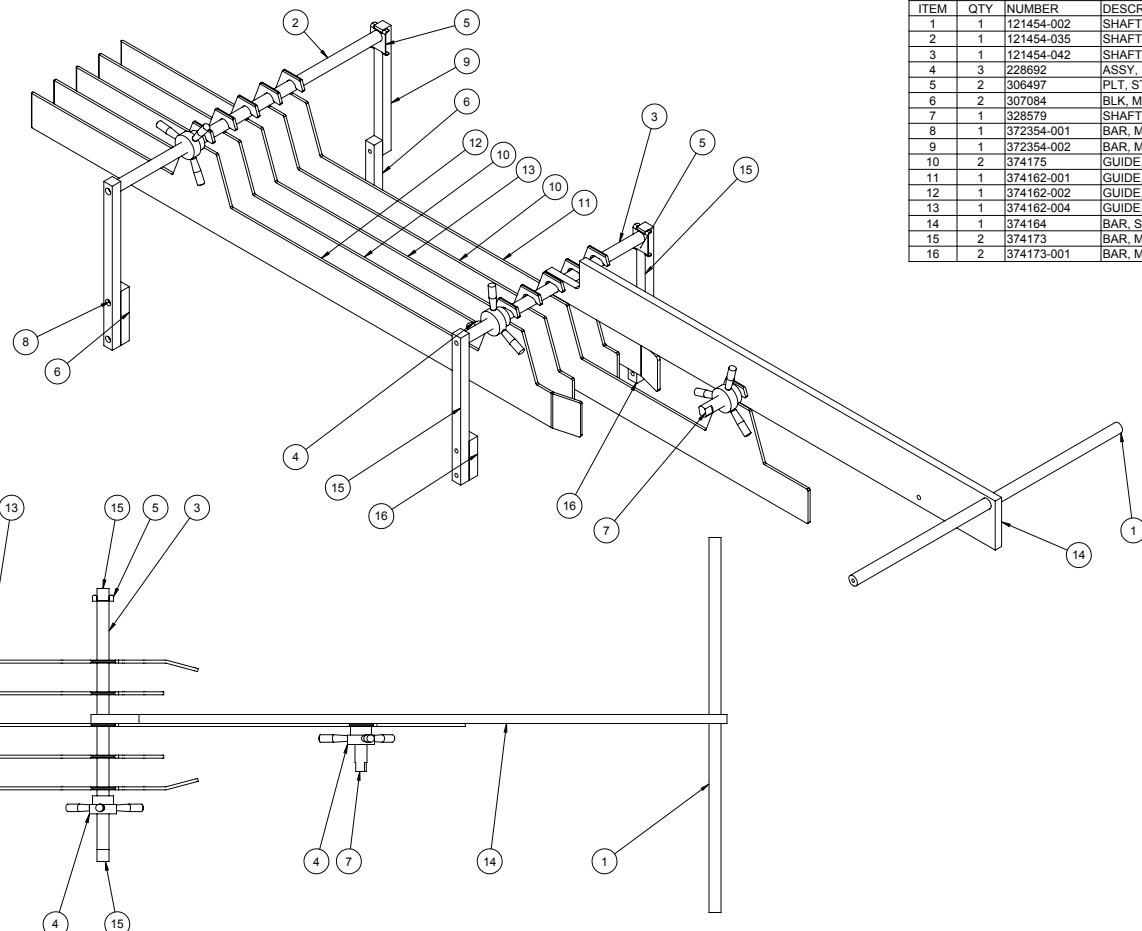
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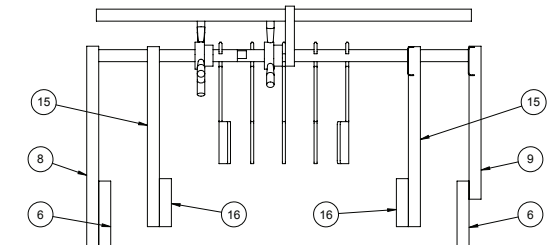
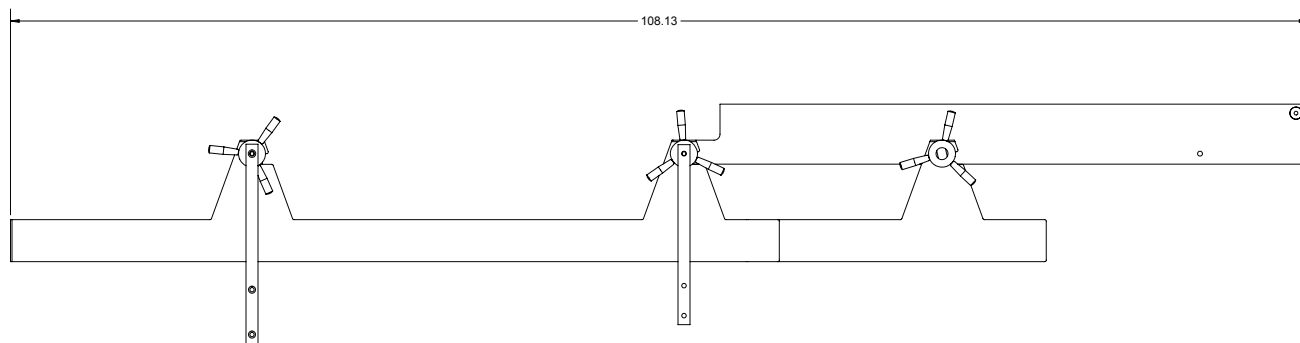
BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	1	121454-002	SHAFT, HANGER, 31.25 LG
2	1	121454-035	SHAFT, HANGER, 30.8044 LG
3	1	121454-042	SHAFT, HANGER, 20.69 LG
4	3	228692	ASSY, HANDLE, NUT
5	2	306497	PLT, STOP, SPACER
6	2	307084	BLK, MTG, GUIDE
7	1	328579	SHAFT, HANGER, 3" LG
8	1	372354-001	BAR, MTG, SIDE, GUIDE, LANE
9	1	372354-002	BAR, MTG, SIDE, GUIDE, LANE
10	2	374175	GUIDE, LANE, INFEED,
11	1	374162-001	GUIDE, LANE, INFEED,
12	1	374162-002	GUIDE, LANE, INFEED,
13	1	374162-004	GUIDE, LANE, INFEED,
14	1	374164	BAR, SUPPORT, GUIDE
15	2	374173	BAR, MTG, SIDE, GUIDE, LANE
16	2	374173-001	BAR, MTG, SIDE, GUIDE, LANE

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NOTES
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• CREATED IN SOLIDWORKS 2018.

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Thursday, April 15, 2021 12:31:34 PM
jmeintz
Thursday, April 8, 2021 9:15:59 AM
Tuesday, April 27, 2021 9:39:44 AM
sarcher

SIZE C
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XX: ±1/32
X.XX: ±0.15
X.XXX: ±0.05
ANGLES: ±1°

FINISH NONE

DESCRIPTION
ASSY, LANE GUIDE, 4 LANES, LOOSE CANS
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374148

REV	DATE	BY	NOTE
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ARPAC 12/21/2021

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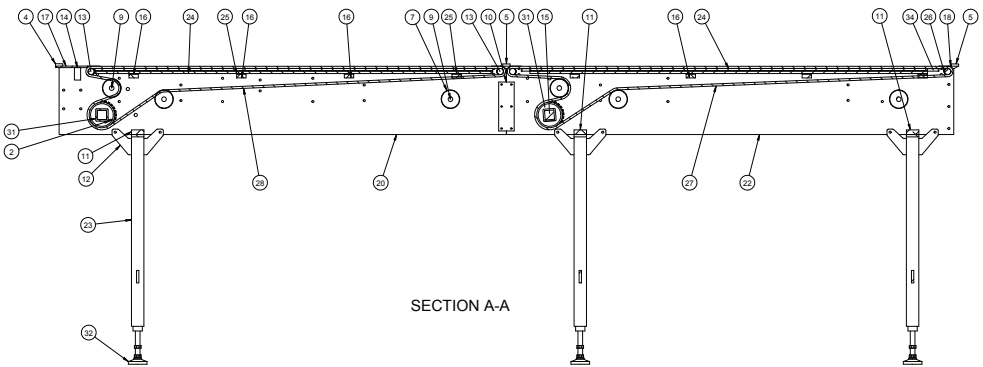
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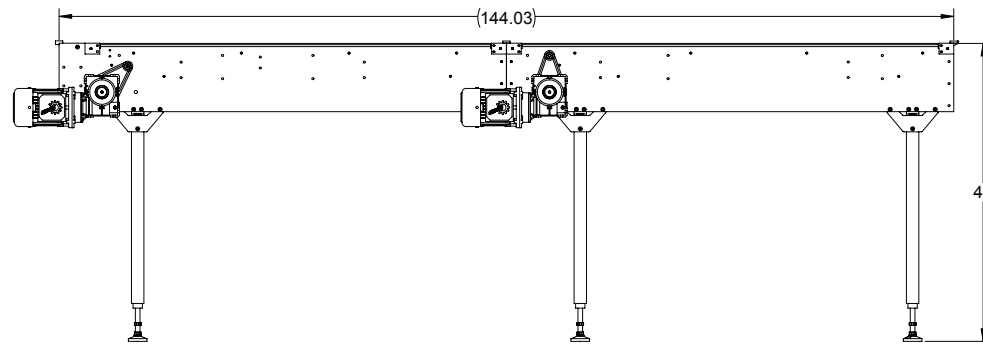
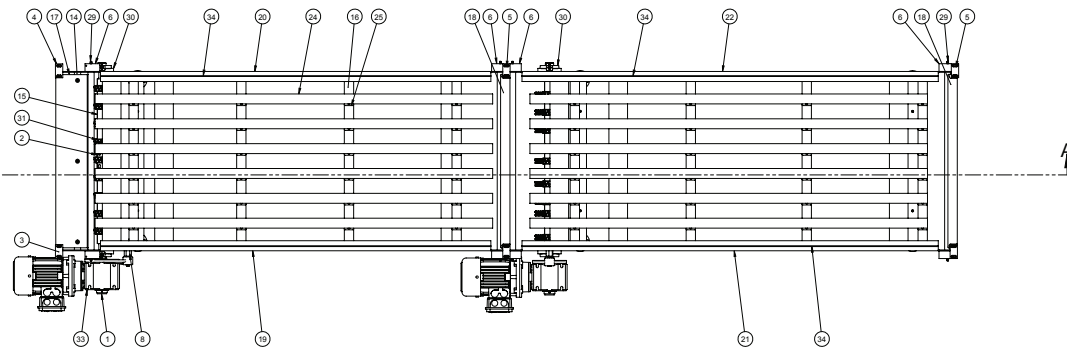
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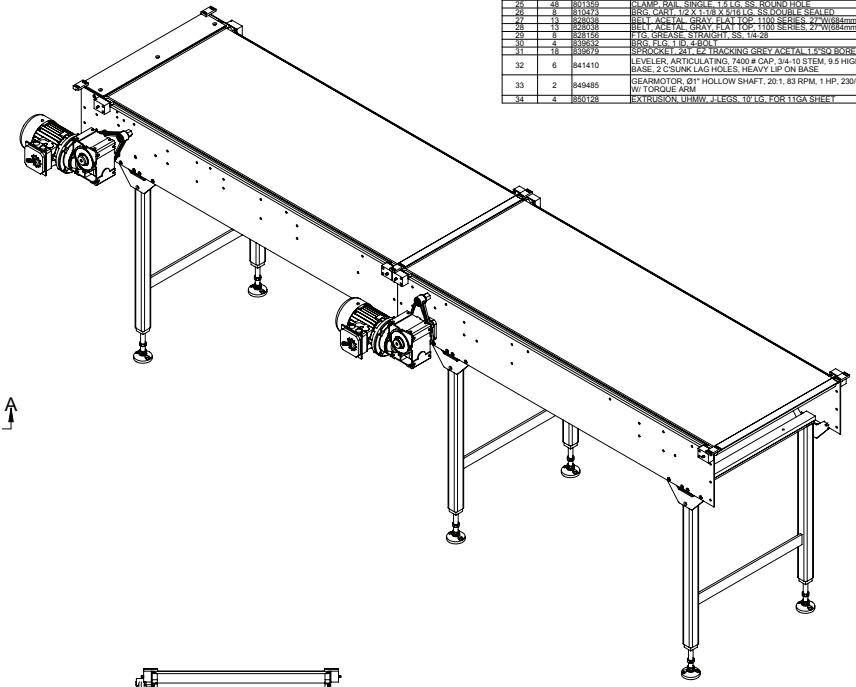
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SECTION A-A



48



ITEM	QTY	NUMBER	DESCRIPTION
1	2	28358	WASHER SPECIAL
2	2	28188	NIPER JOINTS CENTRAL
3	1	28174-100	SUPPORT PLT TRANSFER R
4	1	28174-100	SUPPORT PLT TRANSFER L
5	4	30038	SUPPORT PLT TRANSFER
6	2	30044	BEARING SUPPORT
7	6	30073	BEARING ROLLER
8	2	30077	BEARING ROLLER
9	6	30072-009	SPACER ROLLER
10	1	31007	2" X 4" CONVEYING IDLER DIVIDER DYNAMIC CSINK
11	3	31005-003	CROSSBAR INTERMEDIATE CSINK
12	1	31011	2" X 4" CONVEYING IDLER DIVIDER DYNAMIC CSINK
13	4	31018-006	SPACER ROLLER
14	2	31018	SPACER ROLLER
15	2	31018	SPACER ROLLER
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ARPAC B SIZE FORMAT R5.1

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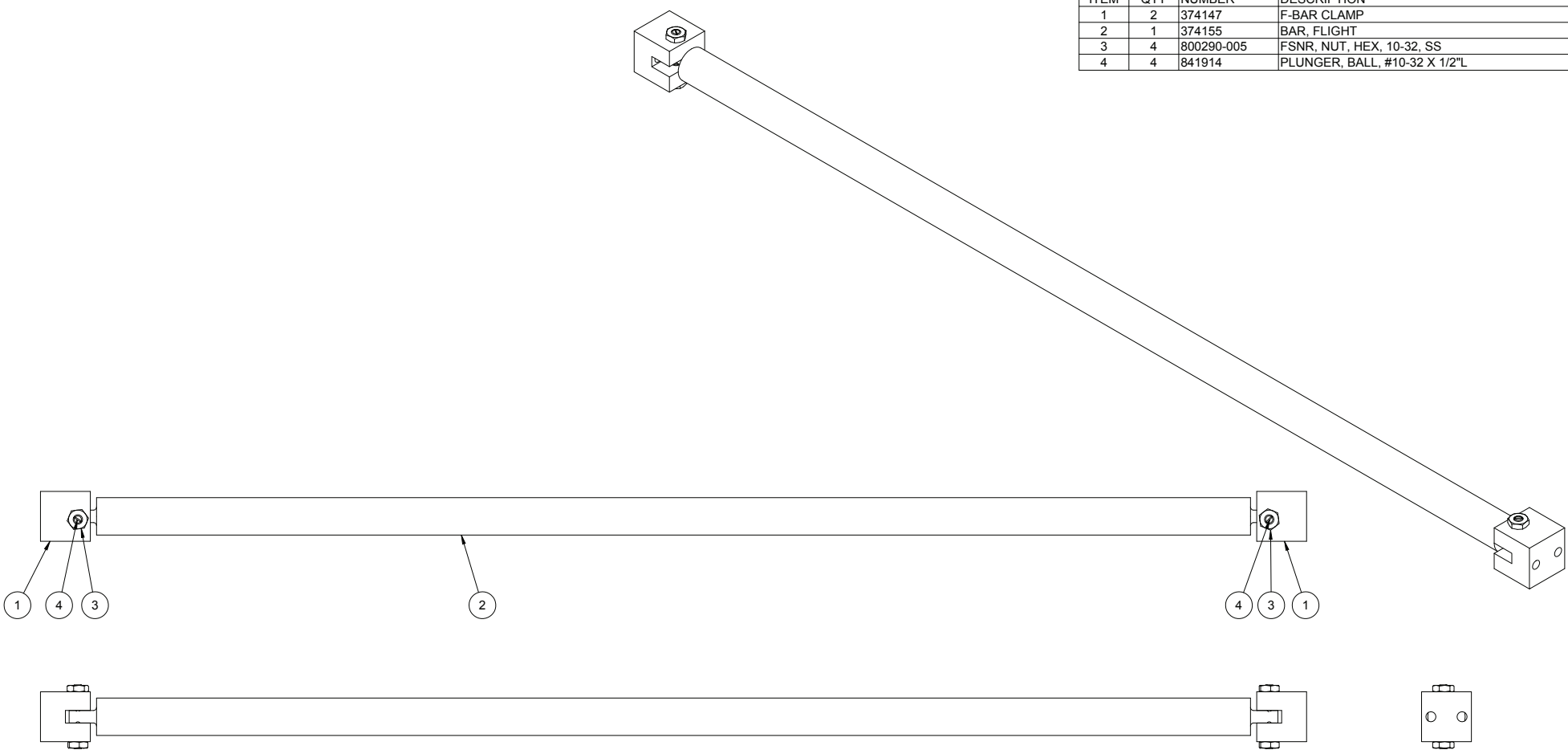
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BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	2	374147	F-BAR CLAMP
2	1	374155	BAR, FLIGHT
3	4	800290-005	FSNR, NUT, HEX, 10-32, SS
4	4	841914	PLUNGER, BALL, #10-32 X 1/2"L



REV	DATE	BY	NOTE
REVISIONS			
SIZE	SCALE	MATERIAL	DESCRIPTION
B	1:2	SEE BILL OF MATERIALS	ASSY, BAR, FLIGHT, RELEASE, QUICK
3RD ANGLE	UNITS	FINISH	NUMBER
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ANGLES: ±1°			

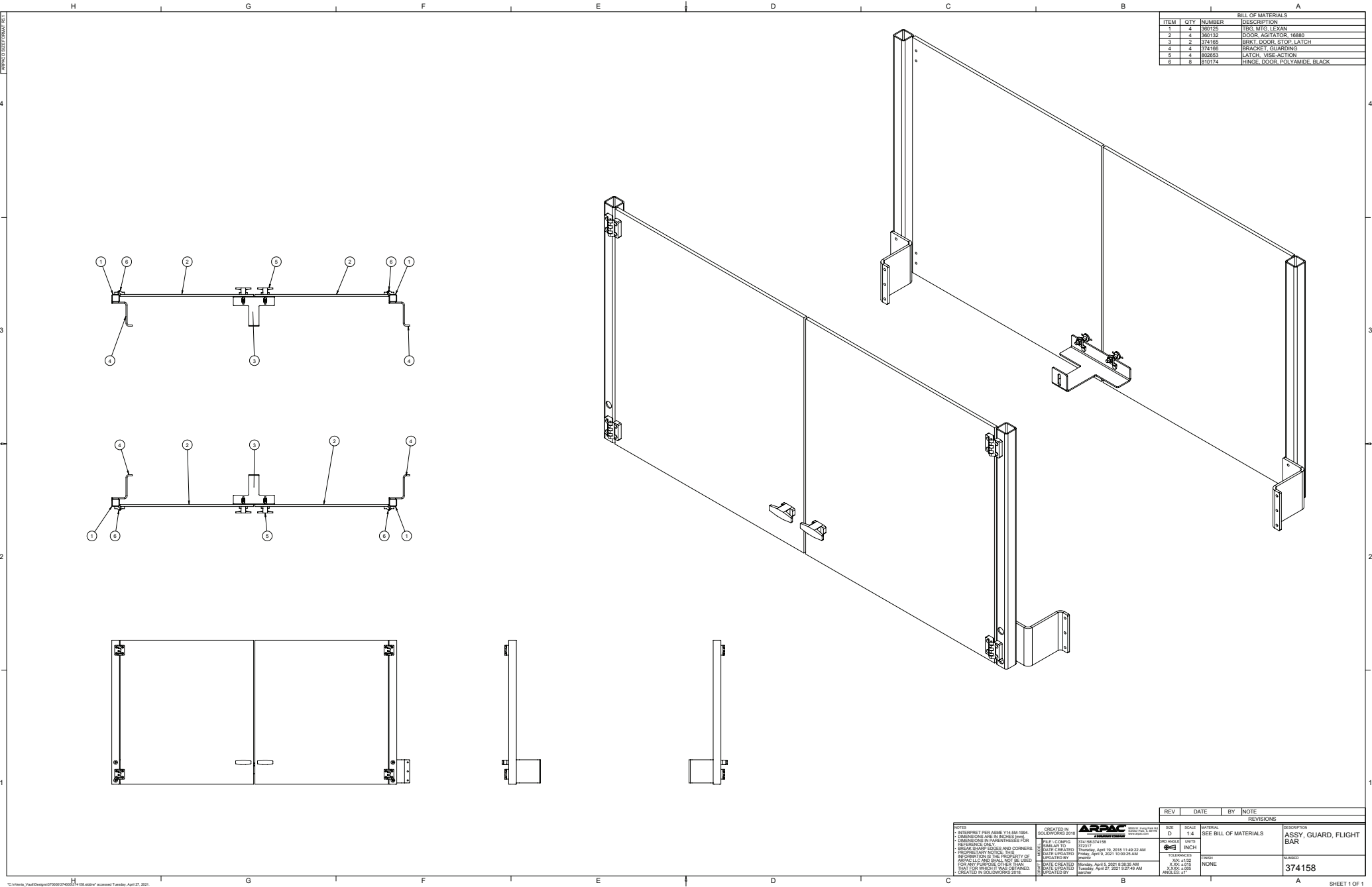
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• INTERPRET PER ASME Y14.5M-1994. • DIMENSIONS ARE IN INCHES [mm]. • DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY. • BREAK SHARP EDGES AND CORNERS. • PROPRIETARY NOTICE: THIS INFORMATION IS THE PROPERTY OF ARPAC LLC AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS OBTAINED. • CREATED IN SOLIDWORKS 2018.		FILE \ CONFIG	374154\374154	9555 W. Irving Park Rd. Schiller Park, IL 60176 www.arpac.com	
		DATE CREATED	Tuesday, March 30, 2021 9:39:19 AM		
		DATE UPDATED	Tuesday, April 27, 2021 9:58:51 AM		
		DATE UPDATED	Thursday, April 8, 2021 9:46:28 AM		
		DATE UPDATED	Tuesday, April 27, 2021 10:03:55 AM		
		DATE UPDATED	sarcher		

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A



BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	4	385125	TRG. MTG. LEV. AN
2	4	385132	DOOR AGITATOR, 16880
3	2	3314165	BRKT. DOOR STOP LATCH
4	4	3314166	BRACKET, CLAMPING
5	4	802653	LATCH VISE-ACTION
6	8	335114	HINGE, DOOR, POLYAMIDE, BLACK

REVISIONS			
REV	DATE	BY	NOTE
1	2021-04-27	JP	ASSY, GUARD, FLIGHT BAR
2	2021-04-27	JP	374158

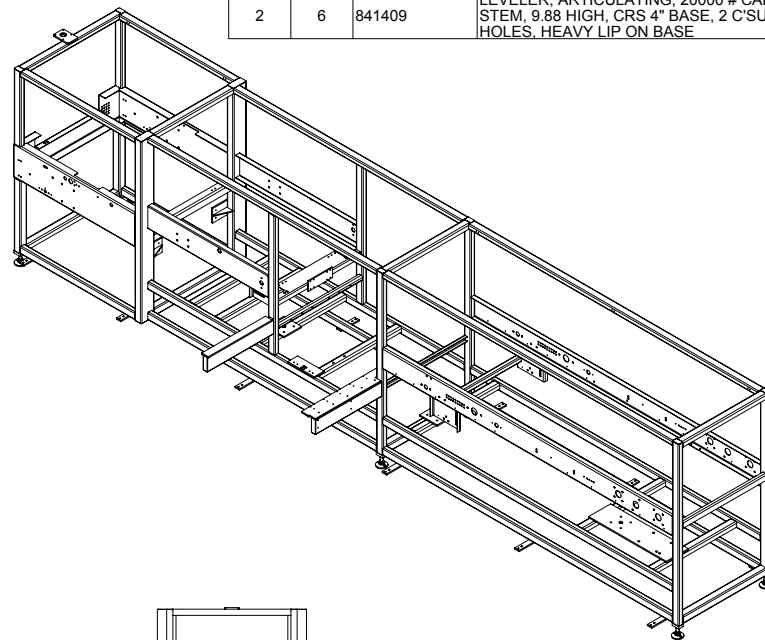
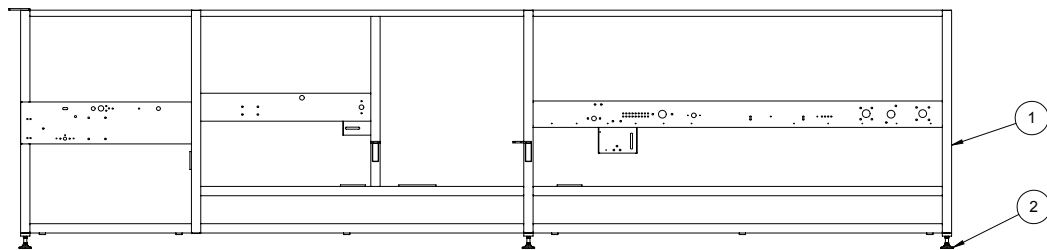
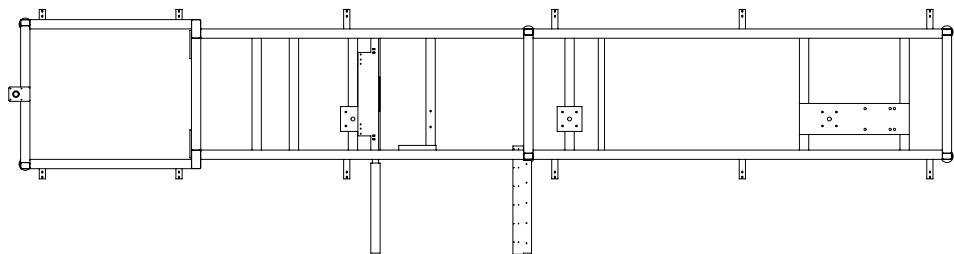
NOTES		CREATED IN		ARPAC		SIZE	SCALE	REVISIONS		DESCRIPTION	
1. INTERPRET PER ASME Y14.5M-1994.		SOLIDWORKS 2018		2021-04-27		D	1:4	SEE BILL OF MATERIALS		ASSY, GUARD, FLIGHT BAR	
2. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.		FILE LOCATION		2021-04-27		REV. NO.	UNIT	TOLERANCES		DIMENSIONS	
3. BREAK SHOWN EDGES AND CORNERS.		DATE CREATED		Thursday, April 15, 2021 11:45:22 AM		0	INCH	XXX ±.010		NONE	
4. PROPRIETARY NOTICE: THIS DRAWING IS THE PROPERTY OF ARPAC, LLC AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS ORIGINALLY CREATED IN SOLIDWORKS 2018.		DATE UPDATED		Monday, April 19, 2021 8:38:35 AM		K.A.K. ±.005		ANGLES: 1:1			
		DATE CREATED		Monday, April 19, 2021 8:38:35 AM							
		DATE UPDATED		Monday, April 19, 2021 9:27:46 AM							
		DATE CREATED									
		DATE UPDATED									

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B

A



BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	1	383396	WLDMT, FRAME, TS-2300, RH, 48" ELEV
2	6	841409	LEVELER, ARTICULATING, 20000 # CAP, 1-8 STEM, 9.88 HIGH, CRS 4" BASE, 2 C/SUNK LAG HOLES, HEAVY LIP ON BASE

REV	DATE	BY	NOTE
REVISIONS			
SIZE	SCALE	MATERIAL	DESCRIPTION
B	1:40	SEE BILL OF MATERIALS	ASSY, FRAME, TS-2300, RH, 48" ELEV
3RD ANGLE	UNITS	FINISH	NUMBER
	INCH	NONE	383397
TOLERANCES			
X.X: ±1/32			
X.XX: ±.015			
X.XXX: ±.005			
ANGLES: ±1°			

NOTES		CREATED IN SOLIDWORKS 2018		9555 W. Irving Park Rd. Schiller Park, IL 60176 www.arpac.com	
• INTERPRET PER ASME Y14.5M-1994. • DIMENSIONS ARE IN INCHES [mm]. • DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY. • BREAK SHARP EDGES AND CORNERS. • PROPRIETARY NOTICE: THIS INFORMATION IS THE PROPERTY OF ARPAC LLC AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS OBTAINED. • CREATED IN SOLIDWORKS 2018.		MODEL	FILE \CONFIG SIMILAR TO DATE CREATED DATE UPDATED BY	383397/Default	Thursday, March 18, 2021 5:20:42 PM Monday, April 5, 2021 1:58:51 PM jmeintz
		DRAFT	DATE CREATED DATE UPDATED BY	Thursday, March 18, 2021 5:26:23 PM Thursday, March 18, 2021 5:27:51 PM sarcher	

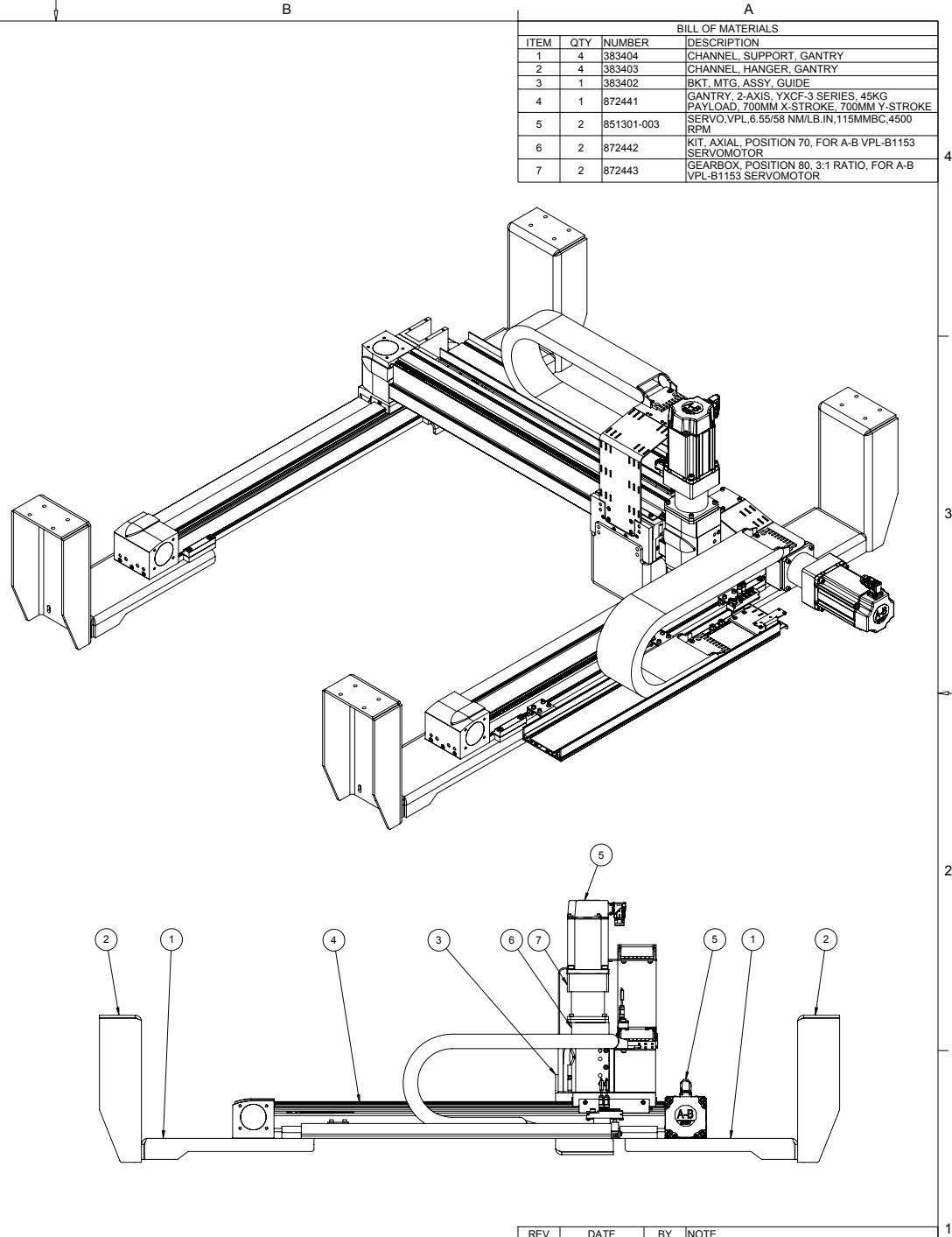
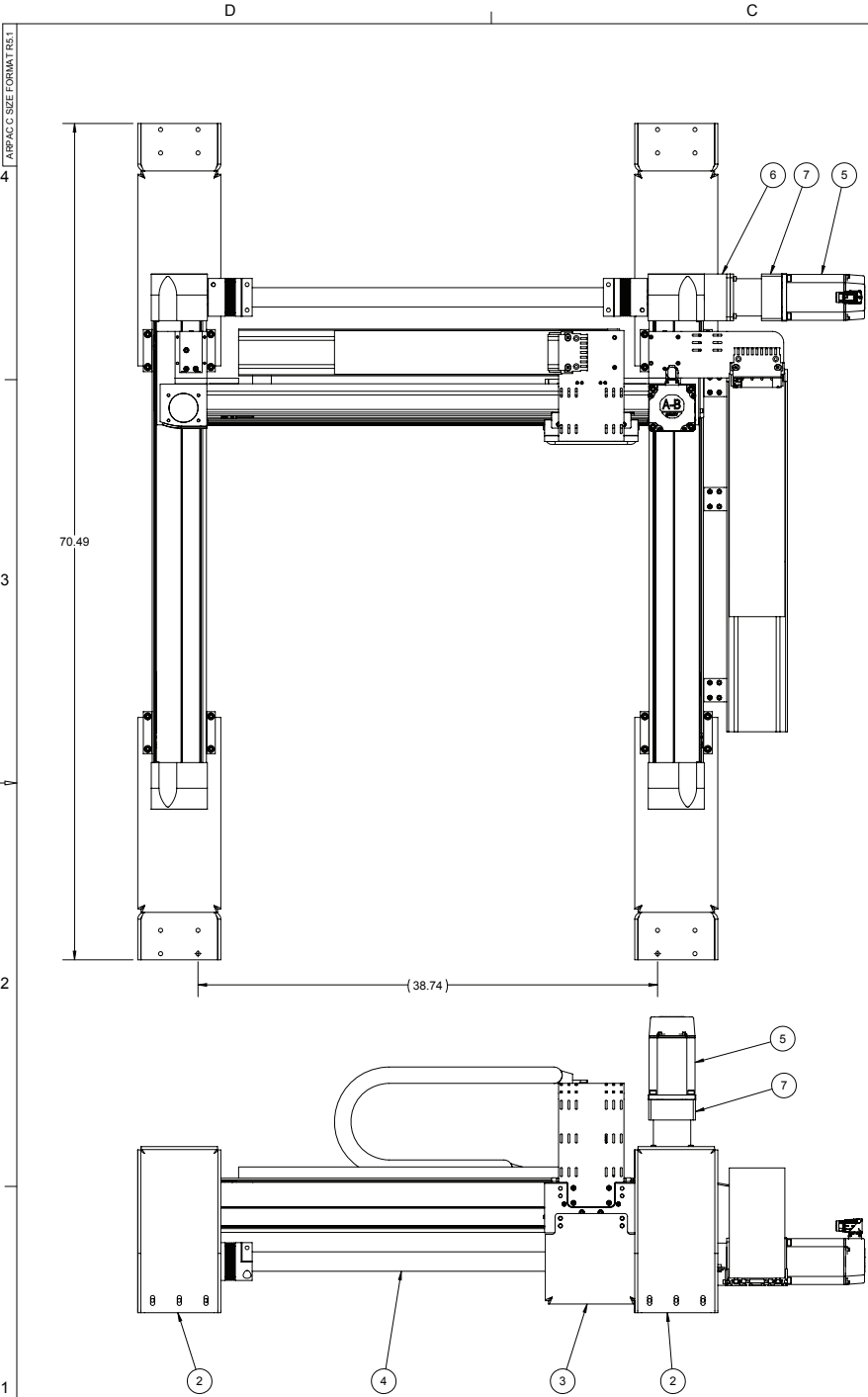
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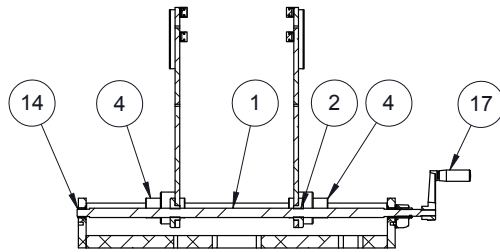
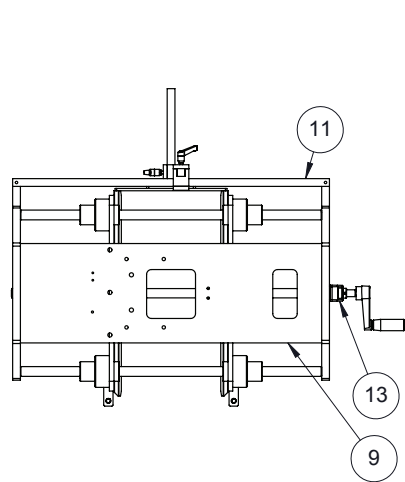
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ARPAC SIZE FORMAT RS.1

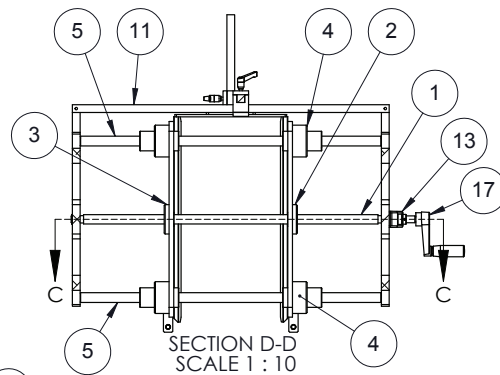


BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	4	383404	CHANNEL, SUPPORT, GANTRY
2	4	383403	CHANNEL, HANGER, GANTRY
3	1	383402	BKT, MTG, ASSY, GUIDE
4	1	872441	GANTRY, 2-AXIS, YXCF-3 SERIES, 45KG PAYLOAD, 700MM X-STROKE, 700MM Y-STROKE
5	2	851301-003	SERVO, VPL 6.55/58 NMLB.IN, 115MMBC, 4500 RPM
6	2	872442	KIT, AXIAL, POSITION 70, FOR A-B VPL-B1153 SERVOMOTOR
7	2	872443	GEARBOX, POSITION 80, 3:1 RATIO, FOR A-B VPL-B1153 SERVOMOTOR

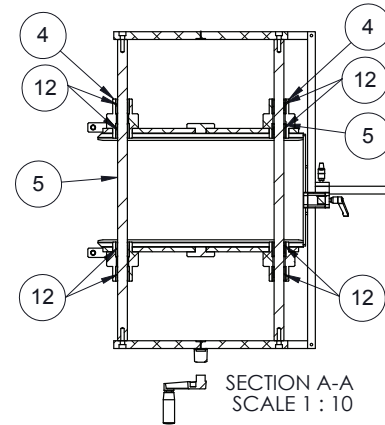
NOTES		CREATED IN SOLIDWORKS 2018				9555 W. Inning Park Rd. Sawyer Park, IL 60170 www.arapac.com		SIZE C		SCALE 1:8		MATERIAL		DESCRIPTION	
INTERPRET PER ASME Y14.5M-1994. DIMENSIONS ARE IN INCHES (mm). DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY. BREAK SHARP EDGES AND CORNERS. - PROPRIETARY NOTICE: THIS INFORMATION IS THE PROPERTY OF ARAPAC LLC AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS OBTAINED. - CREATED IN SOLIDWORKS 2018.		FILE C/CONFIG SIMILAR TO Monday, March 22, 2021 1:26:46 PM		383405/Default		DATE CREATED Wednesday, March 24, 2021 9:36:28 AM		3RD ANGLE		UNITS INCH		SEE BILL OF MATERIALS		ASSY, GANTRY, TWO-AXIS	
DATE CREATED Monday, March 22, 2021 1:26:46 PM		DATE DATED Wednesday, March 24, 2021 9:36:28 AM		DATE UPDATED Monday, March 22, 2021 1:26:46 PM		DATE DATED Wednesday, March 24, 2021 9:36:28 AM		TOLERANCES XX: ±1/32 X.XX: ±0.15 X.XXX: ±0.05 ANGLES: ±1°		FINISH NONE		NUMBER 383405			



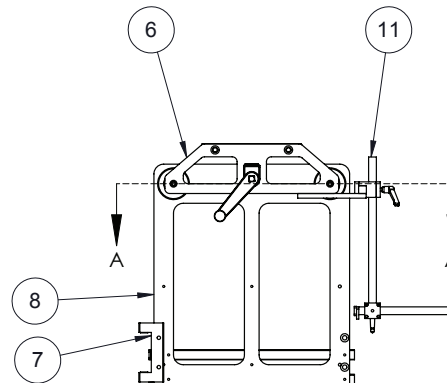
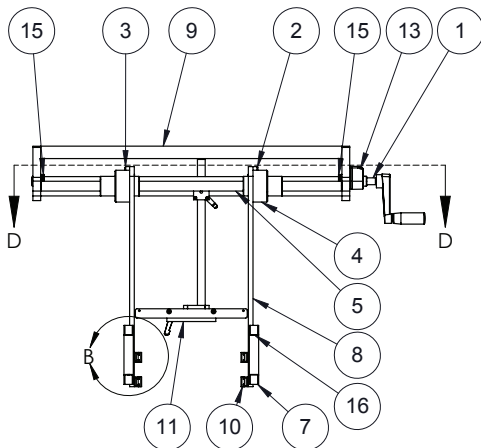
SECTION C-C
SCALE 1 : 10



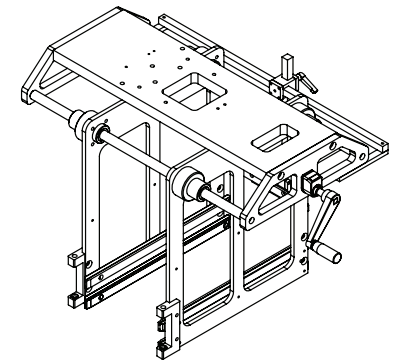
SECTION D-D
SCALE 1 : 10



SECTION A-A
SCALE 1 : 10



DETAIL B
SCALE 1 : 4



17	1	848286	HANDLE, CRANK, AL, 12 MM SQUARE BORE
16	4	845590	BUSH, FLG, 8MM ID X 10MM OD X 9.5MM LG X 15MM FLG OD
15	2	846868	BRG, BALL, DEEP GROOVE, AXIAL, ID15MM, OD28MM, W9MM
14	2	845289	BUSH, OILITE, 20MM OD X 15MM ID X 15MM LG
13	1	827975	INDICATOR, DIGITAL, DIRECT DRIVE, INCLINED UPPER, P4MM, CW
12	8	827905	BRG, BALL, LINEAR, ID20MM, OD28MM, L30MM
11	1	372277	ASSY, PRODUCT COUNT, DYN DIV
10	5	289850	GUIDE, CHAIN, 14X20MM MODIFIED
9	1	372276	PLT, SUPPORT, TOP, GUIDE, LANE
8	2	284213	PLT, GUIDE, SIDE, GUIDE, LANE
7	2	284201	HINGE
6	2	284200	ENDBELL
5	2	372275	SHAFT, GUIDE, SUPPORT, GUIDE, LANE
4	4	284198	HOUSING, BLK, BRG, GUIDE, LANE
3	1	293305	NUT, GUIDE, SCREW, ADJ, GUIDE, LANE
2	1	293304	NUT, GUIDE, SCREW, ADJ, GUIDE, LANE
1	1	372274	SCREW, ADJ, GUIDE, LANE, 17" OPEN
ITM	QTY	PART NUM	DESCRIPTION

BILL OF MATERIALS

ARPAC 9511 WEST RIVER ST.
SCHILLER PARK, IL 60176

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONAL TOLERANCES:

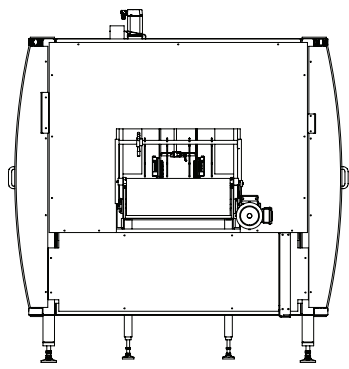
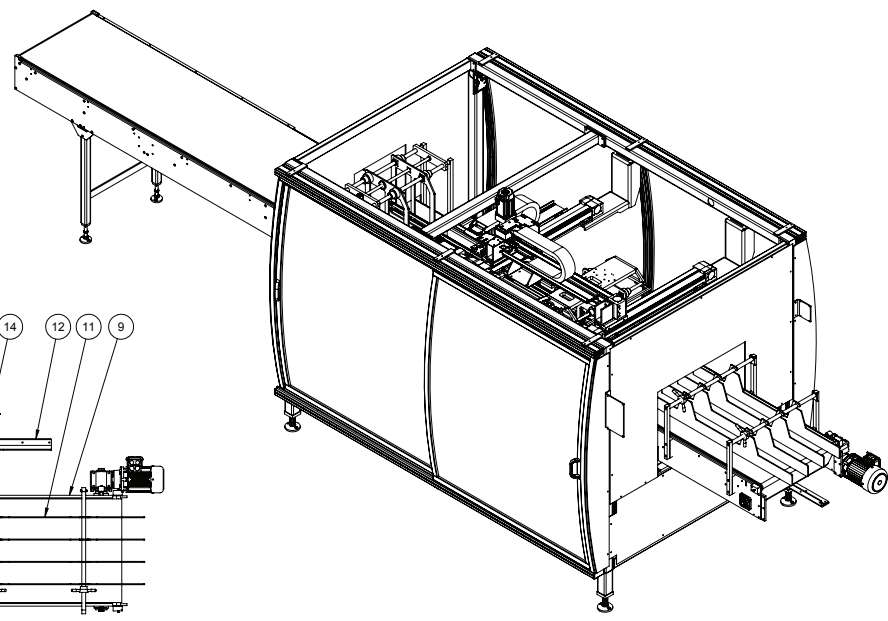
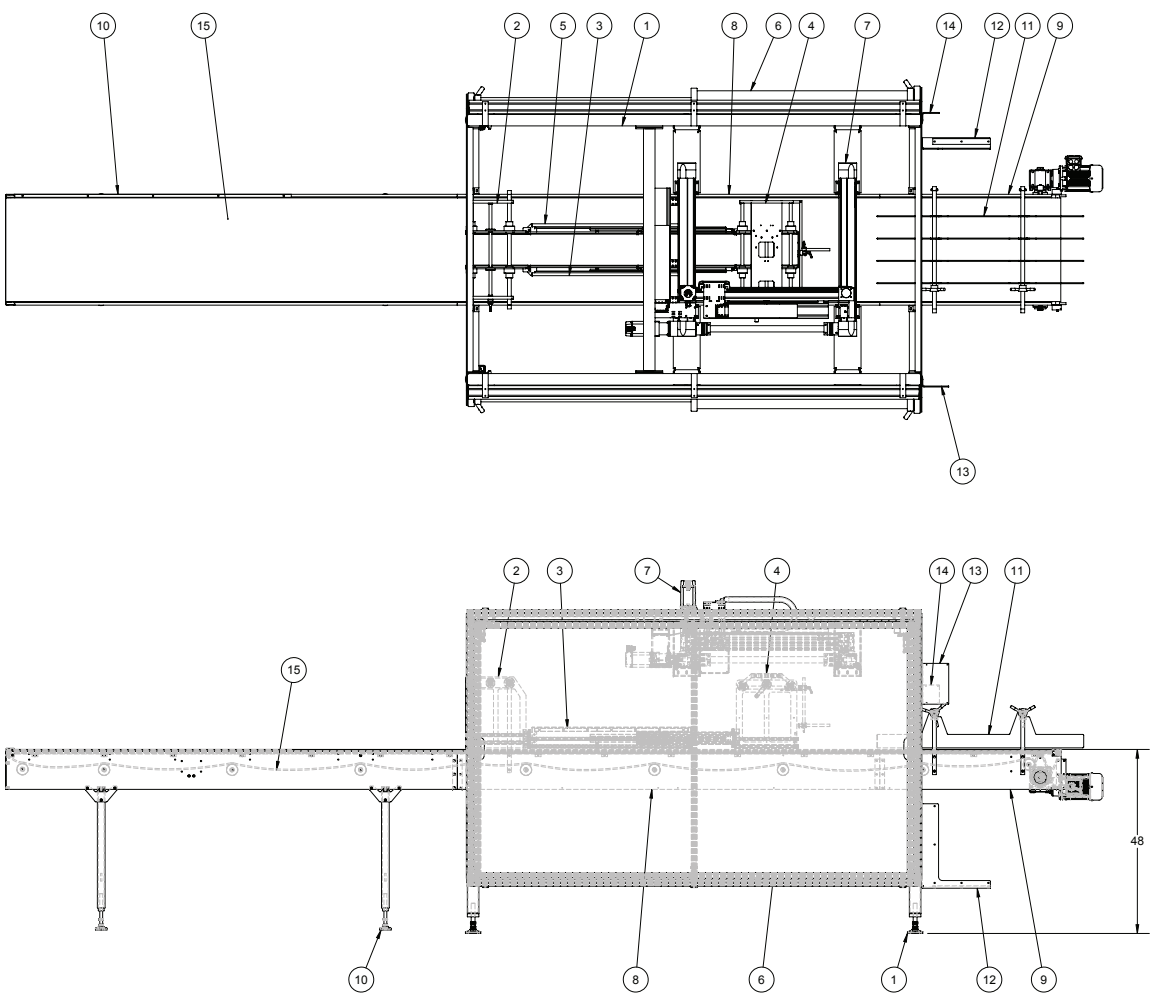
FRACTIONS ± 1/64
TWO (2) DECIMALS ± 0.010
THREE (3) DECIMALS ± 0.005
ANGLES ± 0.5°

DRAWN: 3/22/2021 BY: SRA SCALE: 1:12 SIZE: B
RELEASED: FILENAME: 383407 APPROVED BY:

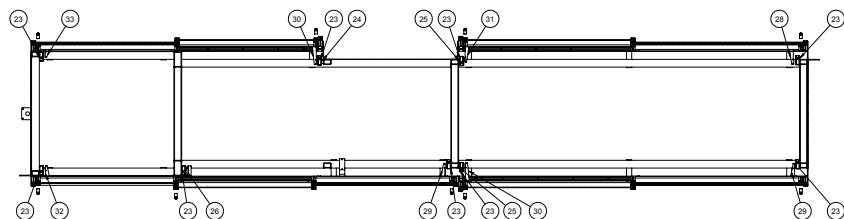
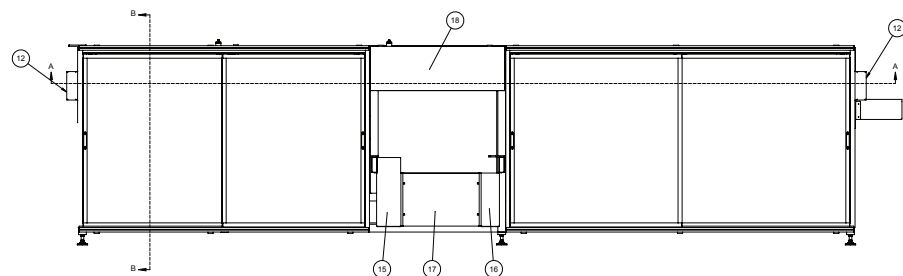
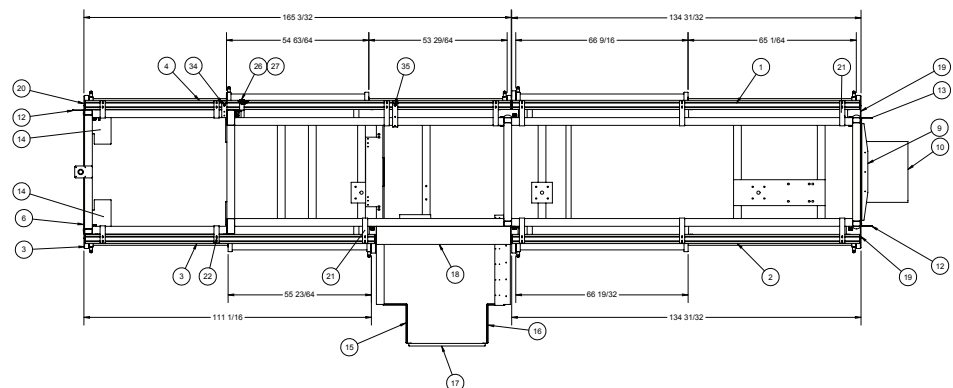
DESCRIPTION: ASSY, GUIDE, LANE, EXIT, DIVIDER, DYNAMIC

DRAWING NUMBER: 383407

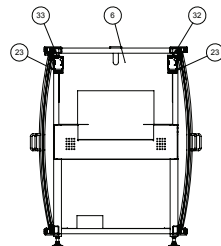
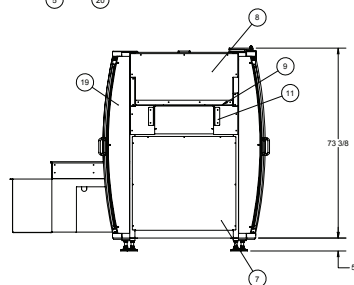
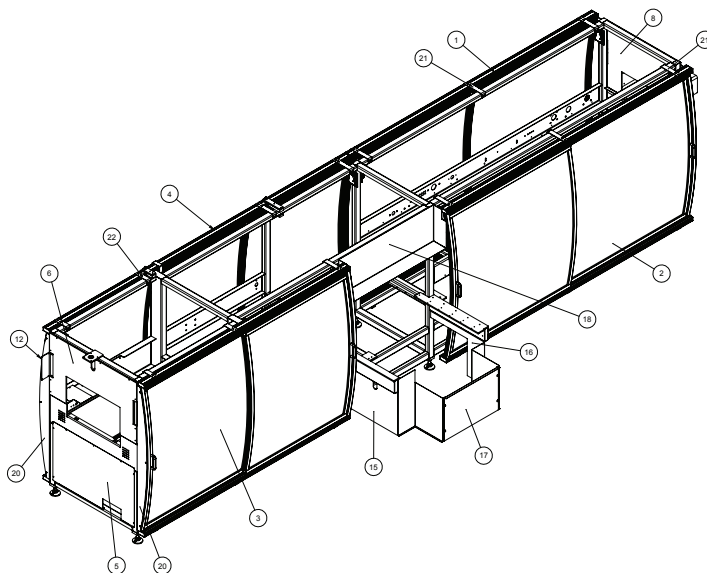
BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	1	383426	ASSY. FRAME, DIVIDER, DYNAMIC, 48" ELEV
2	1	372271	ASSY. GUIDE, LANE, ENTRY, DIVIDER, DYNAMIC, MAX 10" W
3	1	345164	ASSY. GUIDE, SLIDE, GUIDE, LANE
4	1	383407	ASSY. GUIDE, LANE, EXIT, DIVIDER, DYNAMIC
5	1	345164-001	ASSY. GUIDE, SLIDE, GUIDE, LANE, LH
6	1	383433	ASSY. GUARDS, DIVIDER, DYNAMIC, 48" ELEV
7	1	383405	ASSY. GANTRY, TWO-AXIS
8	1	372287	ASSY. CONV. LONG, DIVIDER, DYNAMIC
9	1	384621	ASSY. CONV. SHORT, DIVIDER, DYNAMIC
10	1	384764	ASSY. CONV. INFEED, DIVIDER, LANE
11	1	383430	ASSY. GUIDE, LANE, DISCHARGE, DIVIDER
12	1	372611-001	WLDMT, BKT, MTG, ENCLOSURE
13	1	372777	BKT, MTG, BOX, 6-BUTTON
14	1	330101	BKT, MTG, BOX, BUTTON, SINGLE
15	1	828038	BELT, ACETAL, GRAY, FLAT TOP, 1100 SERIES, 27"W(684mm)



REV				DATE	BY	NOTE
REVISIONS						
SIZE	C	SCALE	1:25	MATERIAL	SEE BILL OF MATERIALS	
3RD ANGLE	INCH	UNITS			DESCRIPTION	
TOLERANCES	XX: ±1/32	FINISH	NONE		NUMBER	
	X.XX: ±0.15				383409	
	X.XXX: ±0.05					
ANGLES	±1°					



SECTION A-A



SECTION B-B

BILL OF MATERIALS		
ITEM	QTY	NUMBER DESCRIPTION
846048	1	ALUMINUM EXTRUSION GUARD 72 IN X 1/4 IN FLG LG
2	846048-001	KEY AL EXTRUSION GUARD 72 IN X 1/4 IN FLG LG
2	846048-002	KEY AL EXTRUSION GUARD 72 IN X 1/4 IN FLG LG
4	846003	KEY AL EXTRUSION GUARD 72 IN X 1/4 IN FLG LG
5	853419	PANEL GUARD LOWER INFED
6	853419	PANEL GUARD LOWER INFED
7	853424	PANEL GUARD LOWER DISCHARGE
8	853424	PANEL GUARD LOWER DISCHARGE
9	884762	BIKT MTS GUARD DISCHARGE
10	1384915	GUARD ACCESS REACH DISCHARGE
11	1384916	BIKT MTS GUARD DISCHARGE
12	138676	BIKT MTS BOX 4-BUTTON
13	138710	BIKT MTS BOX 4-BUTTON SINGLE
14	217176	PANEL GUARD COLLATOR
15	172004	GUARD MAGAZINE LOWER
16	172003-001	GUARD MAGAZINE LOWER
17	172435	PANEL GUARD LOWER MAGAZINE
18	172435	PANEL GUARD LOWER MAGAZINE
19	252137-003	GUARD ENTR DOORS
20	252137-003	GUARD ENTR DOORS
21	252478-001	BIKT MTS ASSY DOOR TOP
22	252478	BIKT MTS ASSY DOOR TOP
23	252478	BIKT MTS ASSY DOOR TOP
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98	252478	BIKT MTS ASSY DOOR TOP
99	252478	BIKT MTS ASSY DOOR TOP
100	252478	BIKT MTS ASSY DOOR TOP

REV	DATE	BY	NOTE
REVISIONS			
SIZE D	SCALE 1:24	MATERIAL SEE BILL OF MATERIALS	DESCRIPTION ASSY, GUARDS, TS- 2300, 48" ELEV, RH
SPD ANGLE 	UNITS INCH	TOLERANCES X.XX ±.02 X.XXX ±.015 X.XXXX ±.005 X.XXXXX ±.001	NUMBER 383421
		FINISH NONE	

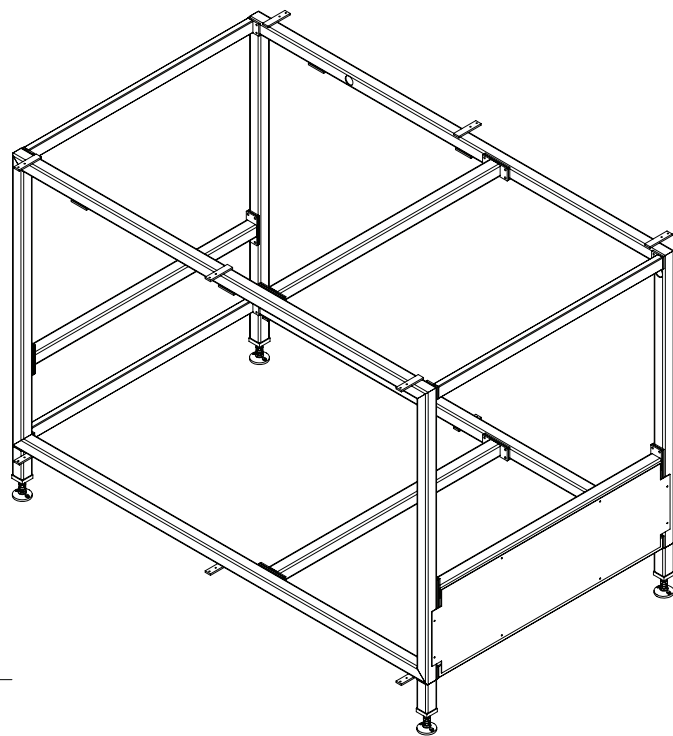
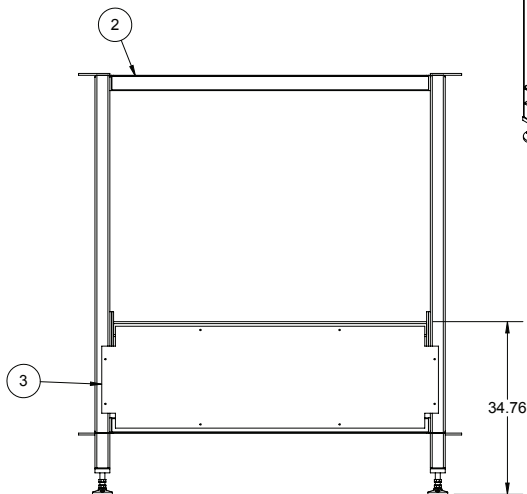
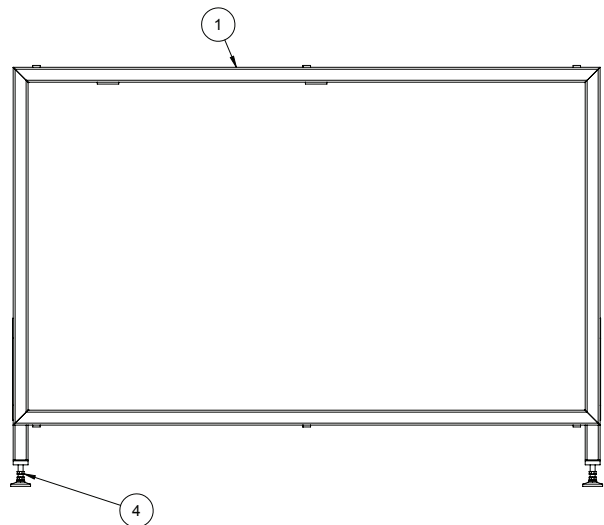
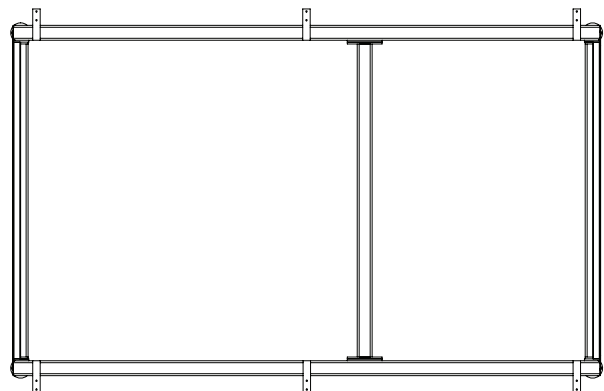
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BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	1	383427	ASSY, FRAME, DIVIDER, 48" ELEV
2	4	284186	WLDMT, MBR, FRAME, HOR, UPR
3	2	372327	GUARD, END, LWR
4	4	827619	LEVELER, ARTICULATING, 20000 # CAP, 1-8 STEM, 7.88 HIGH, CRS 4" BASE, 2 C'SUNK LAG HOLES, HEAVY LIP ON BASE



NOTES

- INTERPRET PER ASME Y14.5M-1994.
- DIMENSIONS ARE IN INCHES [mm].
- DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY.
- BREAK SHARP EDGES AND CORNERS.
- PROPRIETARY NOTICE: THIS INFORMATION IS THE PROPERTY OF ARPAC LLC AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS OBTAINED.
- CREATED IN SOLIDWORKS 2013.

CREATED IN
SOLIDWORKS 2013

ARPAC
A DUBAYANT COMPANY

9555 W. Irving Park Rd.
Schiller Park, IL 60176
www.arpac.com

FILE \CONFIG
SIMILAR TO
DATE CREATED
DATE UPDATED
UPDATED BY

383426\383426
Friday, August 3, 2012 2:14:27 PM
Thursday, April 8, 2021 4:07:55 PM
Gibran.Mota

DRAFT
DATE CREATED
DATE UPDATED
UPDATED BY

Wednesday, January 24, 2018 6:03:09 PM
Thursday, April 8, 2021 4:07:55 PM
Gibran.Mota

REV	DATE	BY	NOTE
REVISIONS			
SIZE	SCALE	MATERIAL	DESCRIPTION
B	1:25	SEE BILL OF MATERIALS	ASSY, FRAME, DIVIDER, DYNAMIC, 48" ELEV
3RD ANGLE	UNITS	FINISH	NUMBER
	INCH	NONE	383426
TOLERANCES			
X.X: ±1/32			
X.XX: ±.015			
X.XXX: ±.005			
ANGLES: ±1°			

D

C

B

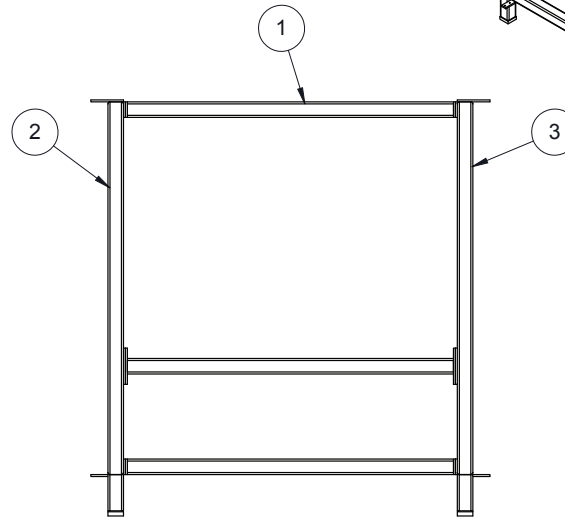
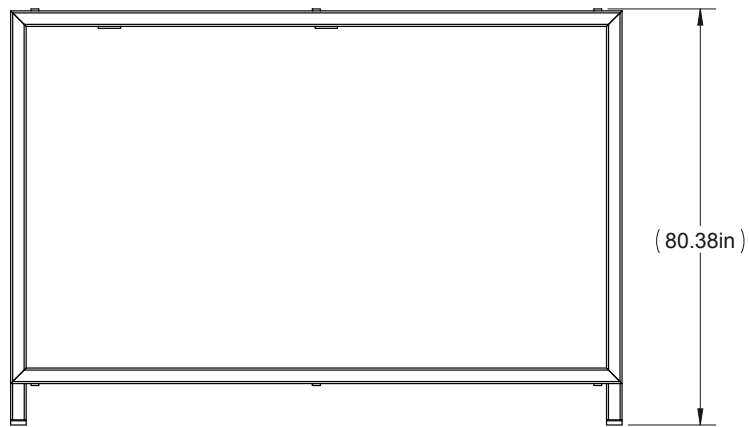
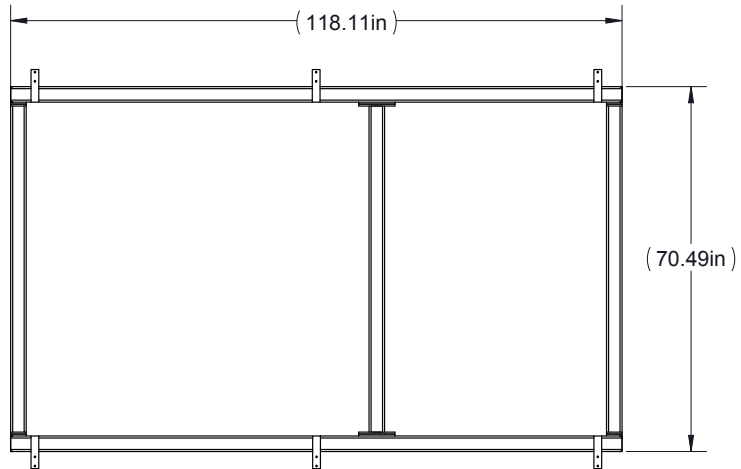
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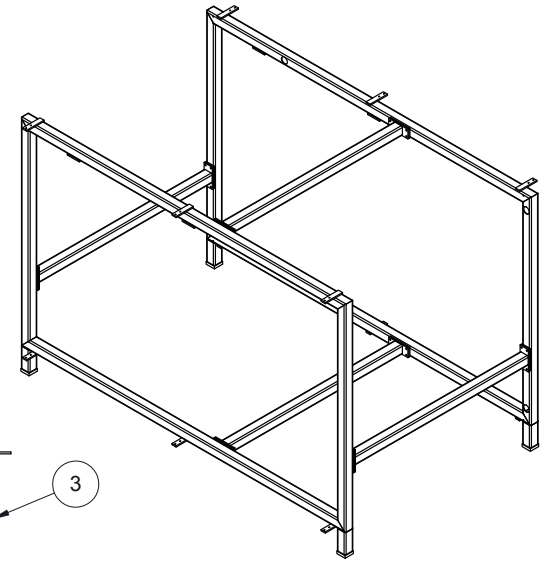
C

B

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BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	4	284169	ASSY, WLDMT, UNION, RAIL
2	1	383428	WLDMT, FRAME, SIDE, DIVIDER
3	1	383429	WLDMT, FRAME, SIDE, DIVIDER



NOTES

- INTERPRET PER ASME Y14.5M-1994.
- DIMENSIONS ARE IN INCHES [mm].
- DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY.
- BREAK SHARP EDGES AND CORNERS.
- PROPRIETARY NOTICE: THIS INFORMATION IS THE PROPERTY OF ARPAC LLC AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS OBTAINED.
- CREATED IN SOLIDWORKS 2013.

CREATED IN
SOLIDWORKS 2013
ARPAC
A DURAVANT COMPANY
9555 W. Irving Park Rd.
Schiller Park, IL 60176
www.arpac.comMODEL
FILE \CONFIG
SIMILAR TO
DATE CREATED
DATE UPDATED
UPDATED BY383427\383427
-
Wednesday, June 27, 2012 4:27:06 AM
Thursday, April 8, 2021 4:08:28 PM
Gibran.MotaDRAFT
DATE CREATED
DATE UPDATED
UPDATED BYThursday, June 28, 2012 10:45:55 PM
Thursday, April 8, 2021 4:08:39 PM
Gibran.MotaSIZE
BTOLERANCES
X.X: ±1/32
X.XX: ±.015
X.XXX: ±.005
ANGLES: ±1°SCALE
1:32UNITS
INCHMATERIAL
SEE BILL OF MATERIALSFINISH
NONE

DESCRIPTION

ASSY, FRAME, DIVIDER,
48" ELEV

NUMBER

383427

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ARPAC B SIZE FORMAT R5.1

2

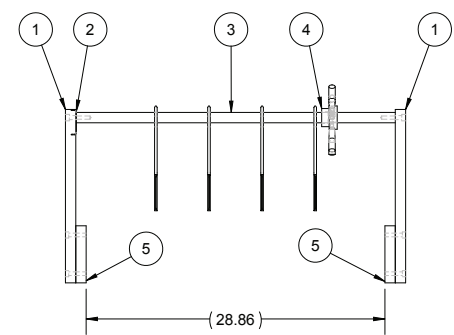
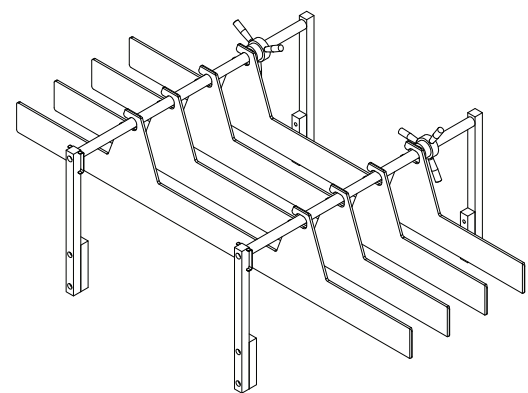
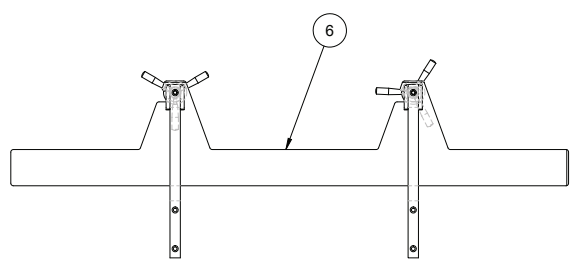
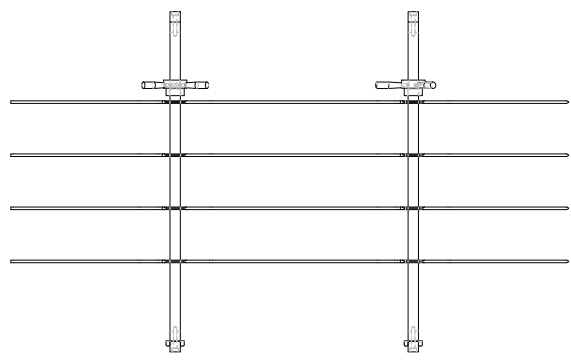
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BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	4	372354-001	BAR, MTG, SIDE, GUIDE, LANE
2	2	306497	PLT, STOP, SPACER
3	2	121454-035	SHAFT, HANGER, 30.8044 LG
4	2	228692	ASSY, HANDLE, NUT
5	4	307084	BLK, MTG, GUIDES
6	4	383431	PLT, GUIDE, LANE, DISCHARGE, DIVIDER

REV	DATE	BY	NOTE
REVISIONS			
SIZE B		SCALE 1:12	MATERIAL SEE BILL OF MATERIALS
3RD ANGLE 		UNITS INCH	DESCRIPTION ASSY, GUIDE, LANE, DISCHARGE, DIVIDER
TOLERANCES X.X: ±1/32 X.XX: ±.015 X.XXX: ±.005 ANGLES: ±1°		FINISH NONE	NUMBER 383430

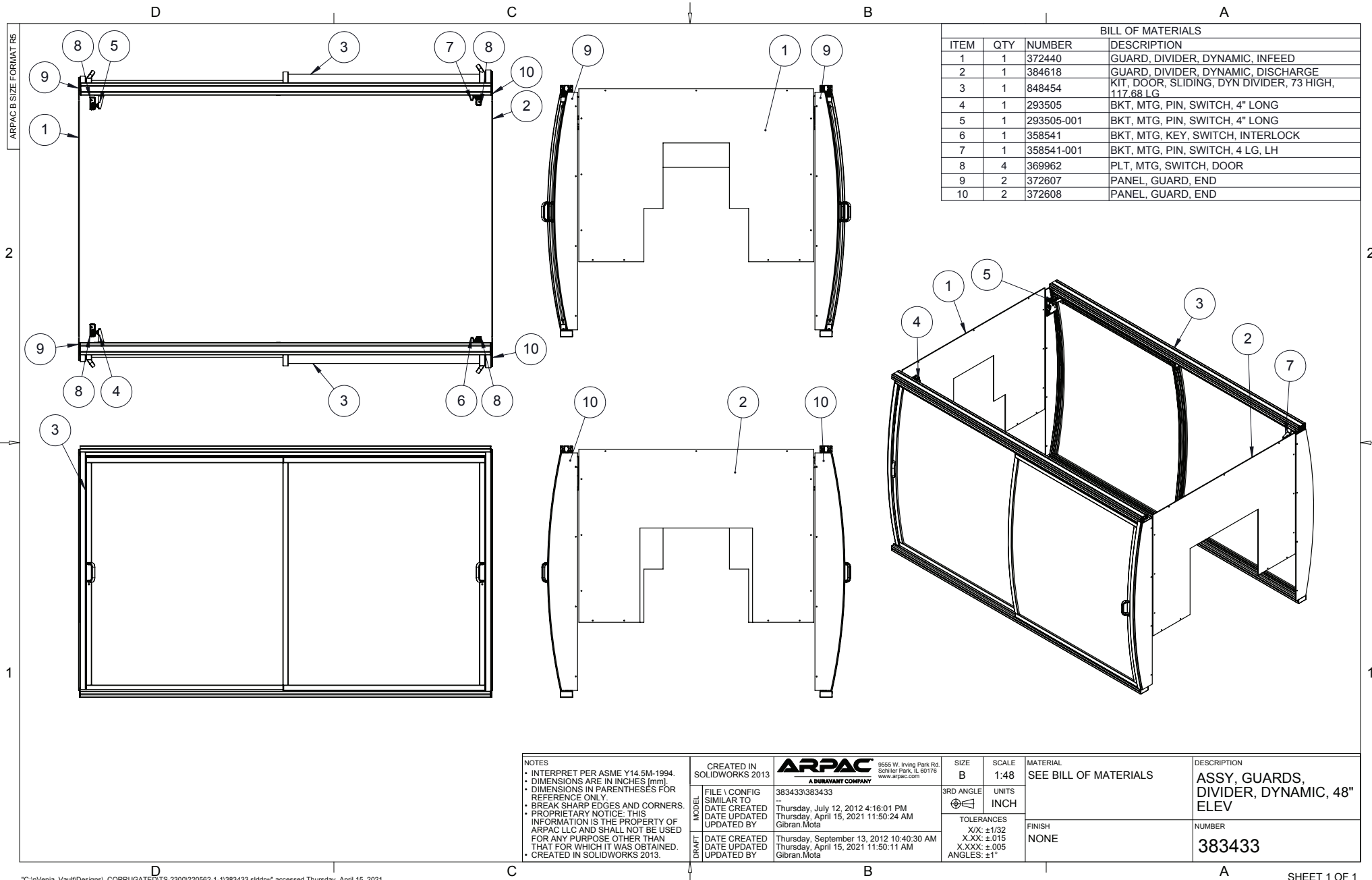
NOTES		CREATED IN SOLIDWORKS 2018		ARPAC A DURAVANT COMPANY		9555 W. Irving Park Rd. Schiller Park, IL 60176 www.arpac.com	
• INTERPRET PER ASME Y14.5M-1994.		FILE \CONFIG		383430\3X2 355ML 4-PACK CARTONS		-	
• DIMENSIONS ARE IN INCHES [mm].		DATE CREATED		Thursday, April 8, 2021 3:31:58 PM		-	
• DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY.		DATE UPDATED		Friday, April 9, 2021 12:58:02 PM		-	
• BREAK SHARP EDGES AND CORNERS.		UPDATED BY		Gibran.Mota		-	
• PROPRIETARY NOTICE: THIS INFORMATION IS THE PROPERTY OF ARPAC LLC AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS OBTAINED.		DATE CREATED		Friday, April 9, 2021 12:48:32 PM		-	
• CREATED IN SOLIDWORKS 2018.		DATE UPDATED		Friday, April 9, 2021 12:56:45 PM		-	
		UPDATED BY		Gibran.Mota			

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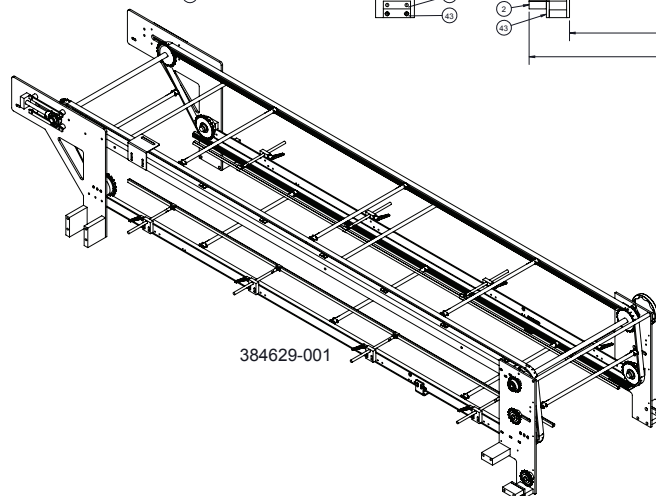
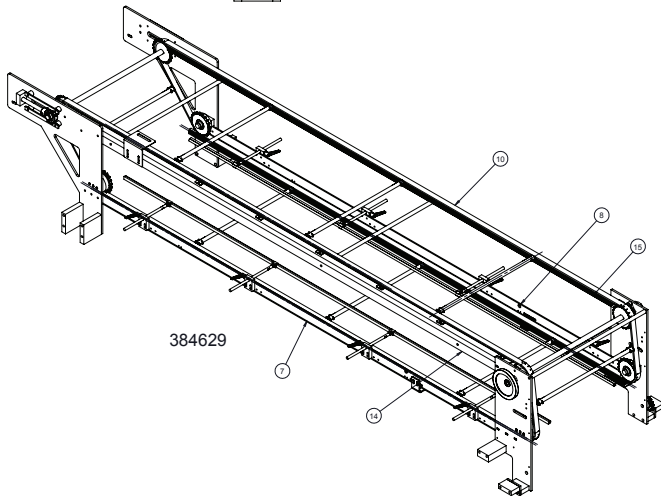
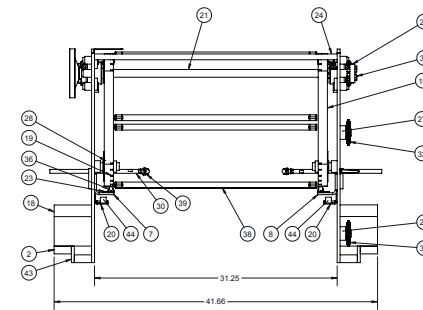
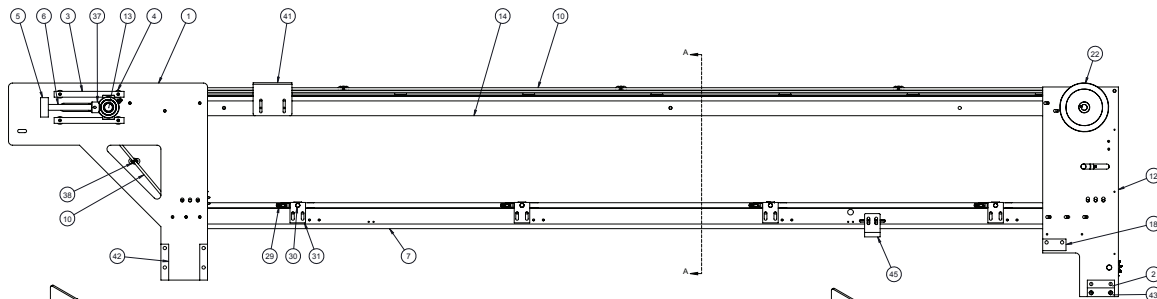
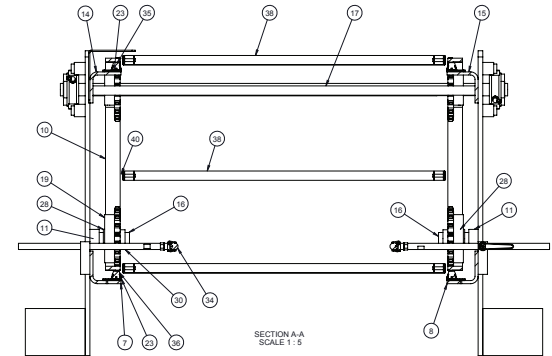
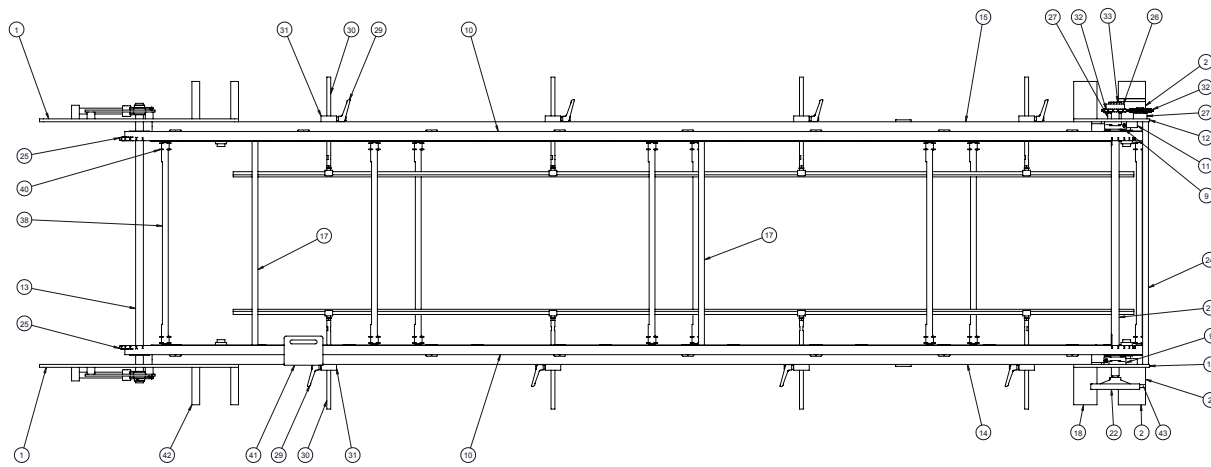
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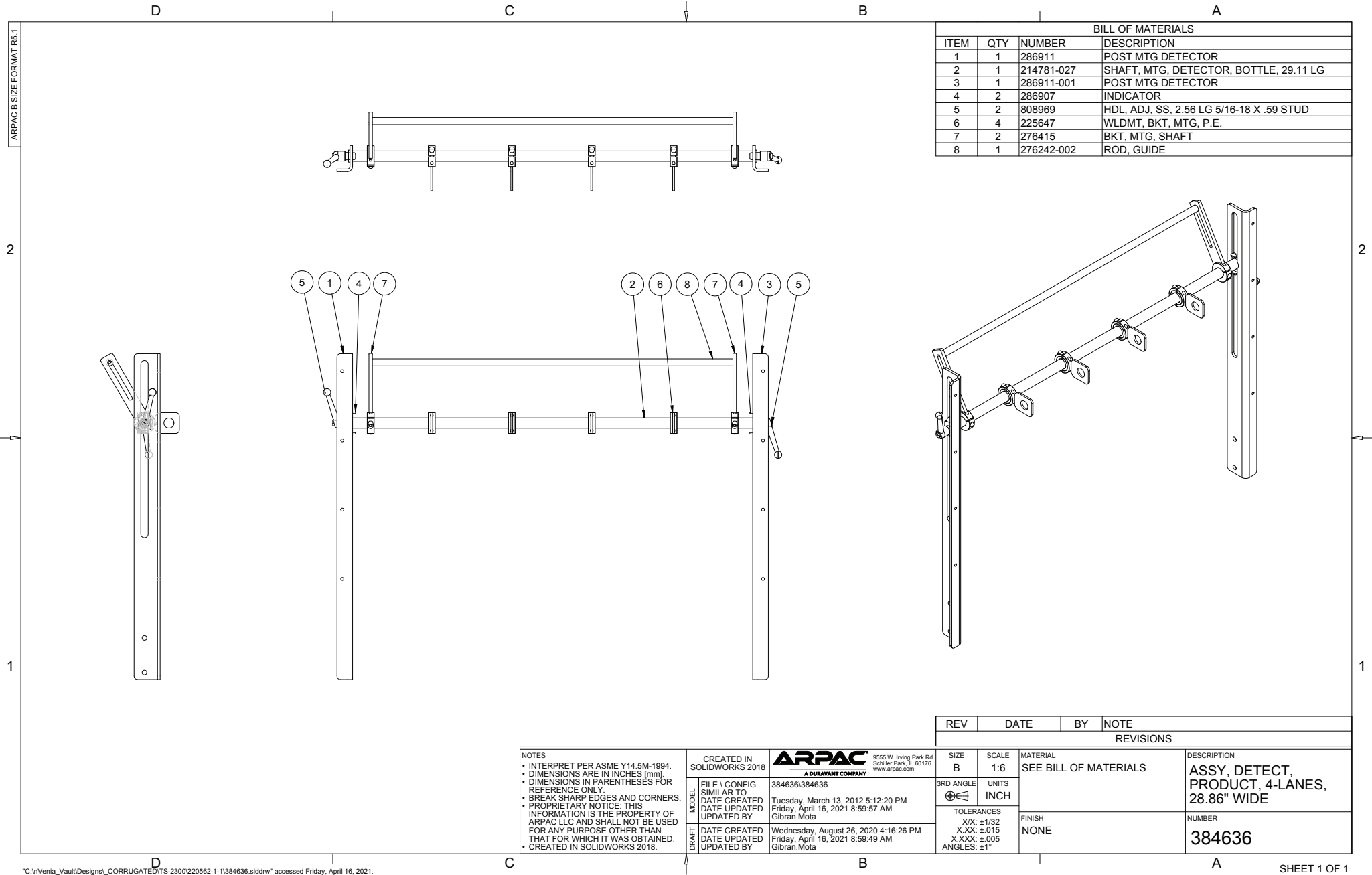


^a"C:\InVenia_Vault\Designs\ CORRUGATED\75-2309220562-1-1034621.xlsx" accessed Monday, May 3, 2021.



45	2	372885	BKT. SUPPORT. PLATE. DEAD
44	2	372886	SPACER. SUPPORT. PLATE. DEAD
43	2	372980	PLT. MTG. ASSY. BAR. FLIGHT
42	4	372979-001	PLT. MTG. ASSY. BAR. FLIGHT
41	1	282805	BKT. PRGX
40	16	807284-001	LINK. CONN. ATTACH. #60. D-1. SPECIAL 1-1/2 LG. EXTENDED PIN
39	8	807831	CLIP. RAIL. SELF-TIGHTENING. 5/16 STUD X 5/8 LG. SS. HEAVY DUTY FLIGHT BAR
38	8	221666	BRG. TAKE-UP. 1 ID. 3/4-10 TAPPED END
37	2	802736	GUIDE. CHAIN #60
36	2	187583	GUIDE. CHAIN #60
35	2	187582	GUIDE. CHAIN #60
34	2	815212-003	RAIL. GUIDE. ROUND. SS. 12' LG
33	1	803668-001	LOCKING DEVICE. KEYLESS 1"
32	2	800905	SPKT. 508B15H. IDLER. 5/8 ID. HARDENED TEETH
31	8	115939	BLOCK. GUIDE. PRODUCT
30	8	845483	ROD. ADJ. 1/2 DIA X 12 LG. 5/16-18 TAPPED THREAD. SS
29	8	823126	HD. ADJ. ZINC. 2-1/2 LG 5/16-18 X 1.26 STUD
28	4	803841	BRG. CART. 1 X 2.0472 X 1.47/64 LG. SEALED. LOCK COLLAR ID. PRESS FIT OD
27	2	187508	SPACER. TENSIONER. FLIGHT BAR
26	1	188961	SPKT. 50B15. MOD. 1.969 BORE. W/O KEY
25	4	234677	SPKT. 60B20. MOD. 1.000 BORE. SPECIAL
24	1	126781	SUPPORT. ROD
23	32	801359	CLAMP. RAIL. SINGLE. 1.5 LG. SS. ROUND HOLE
22	1	108515	HAND WHEEL. COLLATOR
21	1	300150	SHAFT. DRIVE. FLIGHT BAR
20	2	192837	SUPPORT. DEAD. PLT. BAR. FLIGHT
19	4	115987	SPKT. 60B20. MOD. 2.047 BORE
18	2	384631	BLK. MTG. ASSY. BAR. FLIGHT
17	2	221933	CROSS MEMBER. FLIGHT BAR
16	4	188684	SHAFT. IDLER
15	1	188679-002	RAIL. GUIDE. TOP. LH
14	1	188679-001	RAIL. GUIDE. TOP. RH
13	1	274433	SHAFT. TAIL
12	2	286508	PLT. VER. TAIL END. RH
11	4	126787	PLT. NUT
10	48	800486	CHAIN. RLR. #60
9	2	827116	BRG. FLG. 1 ID. 2-BOLT. 3.89 BOLT CNTRS
8	1	286509-002	RAIL. GUIDE. BOTTOM. LH
7	1	286509-001	RAIL. GUIDE. BOTTOM. RH
6	2	188379	SHAFT
5	2	192827	BLOCK. GUIDE. TENSION
4	8	193855	SPACER
3	4	112721	TIE. BAR. BEARING
2	4	372982	BLK. MTG. ASSY. BAR. FLIGHT
1	2	286507	PLT. SIDE

ITEM	QTY	PART NUM	DESCRIPTION
BILL OF MATERIALS			
AIRPAC 9511 WEST RIVER ST. SCHILLER PARK, IL 60176			
UNLESS OTHERWISE SPECIFIED: FRACTIONS: ±.004 ALL DIMENSIONAL TOLERANCES: TWO (2) DECIMALS ±.005 THREE (3) DECIMALS ±.005 ANGLES: ±.5°			
DRAWN	04/15/2021	BY: GM	SCALE: 1:8 SIZE: D
RELEASED		FILENAME: 384629	APPROVED BY:
DESCRIPTION: ASSY. BAR, FLIGHT, PACING, TS-2000			
DRAWING NUMBER: 384629			



BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	1	286911	POST MTG DETECTOR
2	1	214781-027	SHAFT, MTG, DETECTOR, BOTTLE, 29.11 LG
3	1	286911-001	POST MTG DETECTOR
4	2	286907	INDICATOR
5	2	808969	HDL, ADJ, SS, 2.56 LG 5/16-18 X .59 STUD
6	4	225647	WLDMT, BKT, MTG, P.E.
7	2	276415	BKT, MTG, SHAFT
8	1	276242-002	ROD, GUIDE

REV	DATE	BY	NOTE
REVISIONS			
SIZE		SCALE	MATERIAL
B		1:6	SEE BILL OF MATERIALS
3RD ANGLE		UNITS	DESCRIPTION
INCH			ASSY, DETECT, PRODUCT, 4-LANES, 28.86" WIDE
TOLERANCES		FINISH	NUMBER
X.X: ±1/32		NONE	384636
X.XX: ±.015			
X.XXX: ±.005			
ANGLES: ±1°			

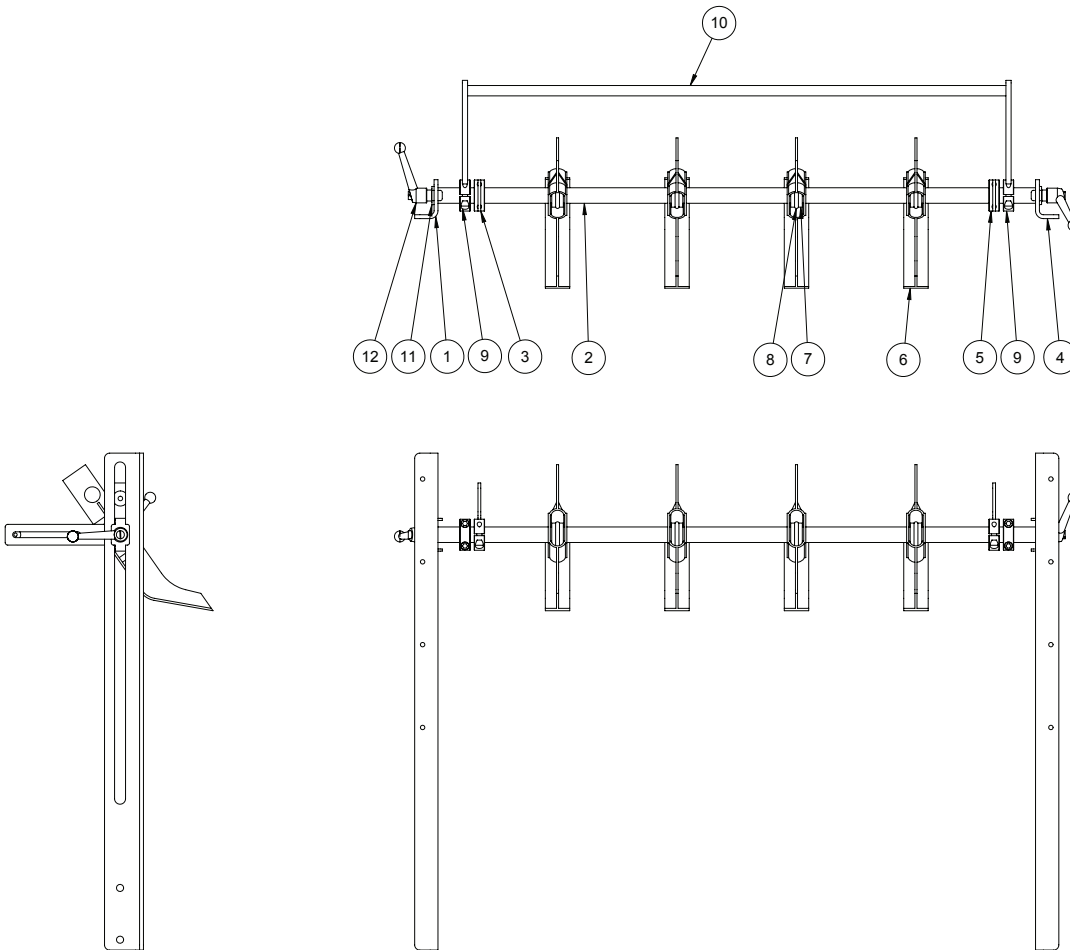
NOTES		CREATED IN SOLIDWORKS 2018		ARPAC	
• INTERPRET PER ASME Y14.5M-1994.		384636\384636		9555 W. Irving Park Rd.	
• DIMENSIONS ARE IN INCHES [mm].		Tuesday, March 13, 2012 5:12:20 PM		Schiller Park, IL 60176	
• DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY.		Friday, April 16, 2021 8:59:57 AM		www.arpac.com	
• BREAK SHARP EDGES AND CORNERS.		Gibran.Mota			
• PROPRIETARY NOTICE: THIS INFORMATION IS THE PROPERTY OF ARPAC LLC AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS OBTAINED.		Wednesday, August 26, 2020 4:16:26 PM			
• CREATED IN SOLIDWORKS 2018.		Friday, April 16, 2021 8:59:49 AM			
		Gibran.Mota			

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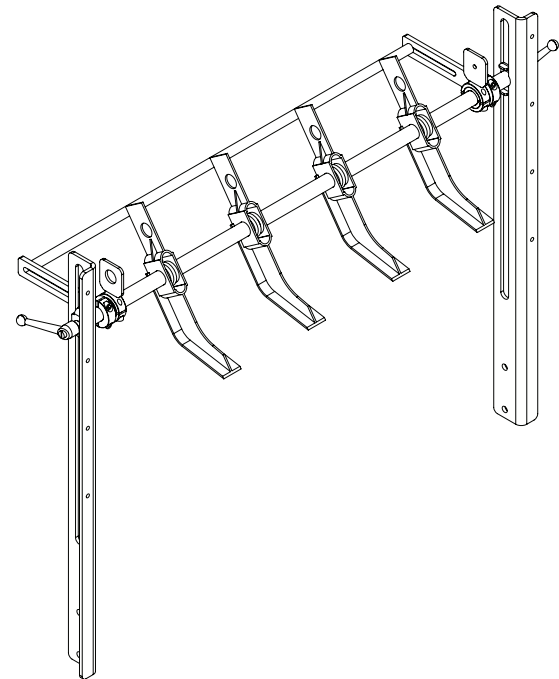
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BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	1	309540	POST, MTG, DETECTOR, TALL
2	1	214781-027	SHAFT, MTG, DETECTOR, BOTTLE, 29.11 LG
3	1	225647	WLDMT, BKT, MTG, P.E.
4	1	309540-001	POST, MTG, DETECTOR, TALL
5	1	238514	WLDMT, BKT, MTG, P.E., REFLECTOR
6	4	357429	LEVELER, CONTACT
7	4	283414	COLLAR, LOCATOR, FINGER
8	4	842149	SPRING, EXTENSION
9	2	276415	BKT, MTG, SHAFT
10	1	276242-002	ROD, GUIDE
11	2	286907	INDICATOR
12	2	808969	HDL, ADJ, SS, 2.56 LG 5/16-18 X .59 STUD



REV	DATE	BY	NOTE
REVISIONS			
SIZE	SCALE	MATERIAL	DESCRIPTION
B	1:6	SEE BILL OF MATERIALS	ASSY, DETECT, PRODUCT, 4-LANE, 28.86" WIDE
3RD ANGLE	UNITS	FINISH	NUMBER
TOLERANCES	INCH	NONE	384637
X.X: ±1/32 X.XX: ±.015 X.XXX: ±.005 ANGLES: ±1°			

NOTES		CREATED IN SOLIDWORKS 2018	
- INTERPRET PER ASME Y14.5M-1994. - DIMENSIONS ARE IN INCHES [mm]. - DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY. - BREAK SHARP EDGES AND CORNERS. - PROPRIETARY NOTICE: THIS INFORMATION IS THE PROPERTY OF ARPAC LLC AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS OBTAINED. - CREATED IN SOLIDWORKS 2018.		ARPAC A DURAVANT COMPANY 9555 W. Irving Park Rd. Schiller Park, IL 60176 www.arpac.com	
MODEL	FILE \CONFIG SIMILAR TO DATE CREATED DATE UPDATED UPDATED BY	384637\384637	Tuesday, March 13, 2012 5:12:20 PM Monday, April 19, 2021 8:43:12 AM sarcher
DRAFT	DATE CREATED DATE UPDATED UPDATED BY	Friday, August 28, 2020 11:37:41 AM Monday, April 19, 2021 8:43:12 AM sarcher	

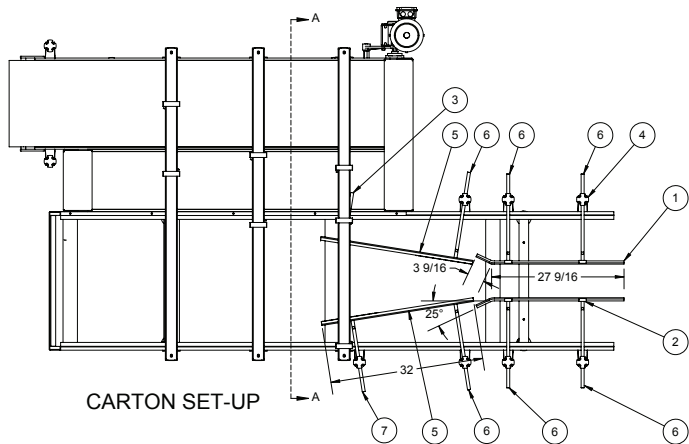
4 ARPAC C SIZE FORMAT R6.1

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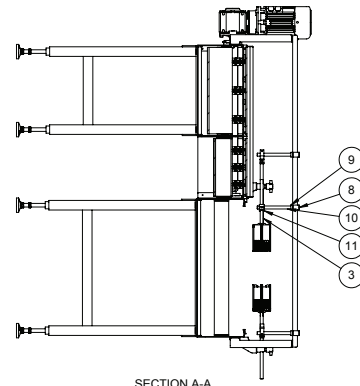
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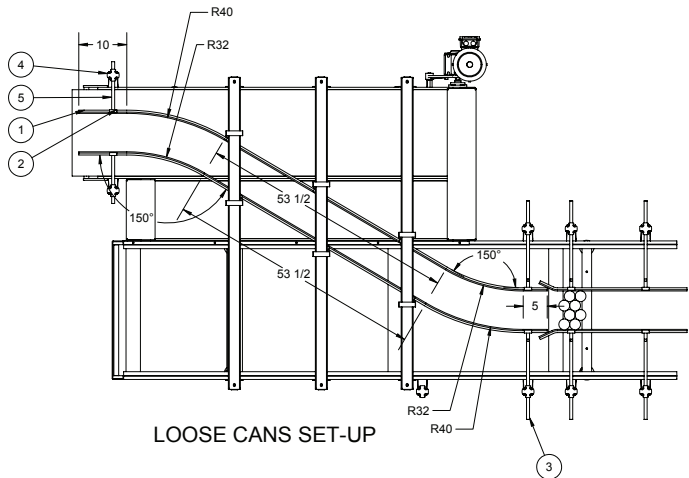


CARTON SET-UP

BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	4	815212-003	RAIL, GUIDE, ROUND, SS, 12' LG
2	4	801312	CLAMP, RAIL, DOUBLE, 1.5 LG, SS, 2.5 CENTERS, ROUND HOLE
3	1	810110	ROD, ADJ, 5/8 X 6 LG, 5/16-18 TAP, SS
4	9	801340	BKT, SWIVEL, 5/8 ROD, W/KNOB AND EYLET, POLYAMIDE
5	1	827493-001	SPEEDRAIL, SB, 2 STRAND, 6' LG
6	6	807728	ROD, ADJ, 5/8 DIA X 18 LG, 3/8-16 TAPPED THREAD, SS
7	1	801289	ROD, ADJ, 5/8 DIA X 15 LG, 3/8-16 TAPPED THREAD, SS
8	1	385047	BKT, CLAMP
9	1	385049	PLT, MTG, SHAFT
10	1	385050	SHAFT, SUPPORT, GUIDE
11	1	283373	BLK, CLAMP

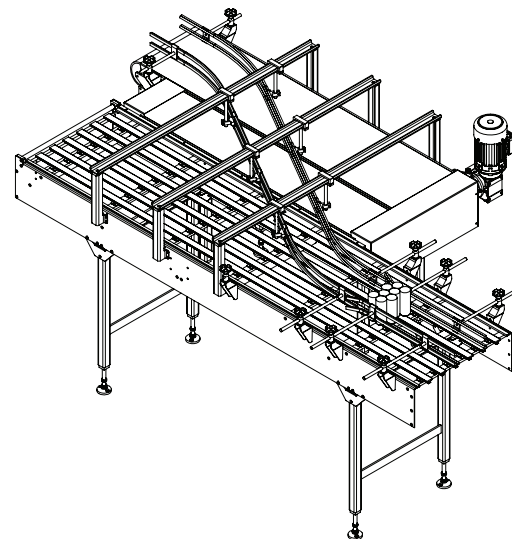
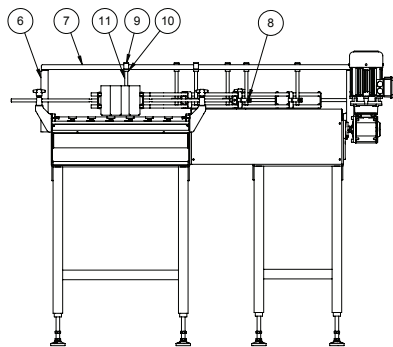
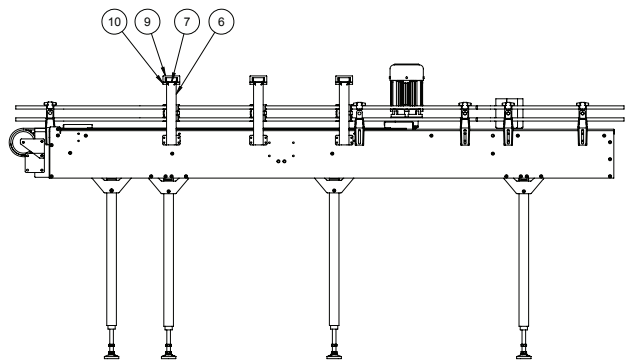


SECTION A-A



LOOSE CANS SET-UP

BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	4	815212-003	RAIL, GUIDE, ROUND, SS, 12' LG
2	14	801312	CLAMP, RAIL, DOUBLE, 1.5 LG, SS, 2.5 CENTERS, ROUND HOLE
3	6	807728	ROD, ADJ, 5/8 DIA X 18 LG, 3/8-16 TAPPED THREAD, SS
4	9	801340	BKT, SWIVEL, 5/8 ROD, W/KNOB AND EYLET, POLYAMIDE
5	2	810110	ROD, ADJ, 5/8 X 6 LG, 5/16-18 TAP, SS
6	6	385051	POST, SUPPORT, GUIDE
7	3	385044	CHANNEL, SUPPORT, GUIDE
8	6	385045	CLAMP, MTG, GUIDE
9	6	385047	BKT, CLAMP
10	6	385049	PLT, MTG, SHAFT
11	6	385050	SHAFT, SUPPORT, GUIDE



NOTES
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• CREATED IN SOLIDWORKS 2018.

CREATED IN SOLIDWORKS 2018
FILE I CONFIG
SIMILAR TO
DATE CREATED
DATE UPDATED
DATE UPDATED
DATE UPDATED
DATE UPDATED
DATE UPDATED
DATE UPDATED

384642 Loose Cans
Friday, April 16, 2021 11:57:27 AM
Friday, May 7, 2021 1:32:39 PM
Tuesday, April 20, 2021 11:00:24 AM
Friday, May 7, 2021 1:15:40 PM
sarcher

SIZE C
SCALE 1:20
3RD ANGLE
INCH
TOLERANCES
XX: ±1/32
X.XX: ±0.015
X.XXX: ±0.005
ANGLES: ±1°

MATERIAL
SEE BILL OF MATERIALS
FINISH
NONE

DESCRIPTION
ASSY, GUIDES, ENTRY, DIVIDER, LANE
NUMBER
384642

REV	DATE	BY	NOTE
REVISIONS			

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ARPAC C SIZE FORMAT RS.1

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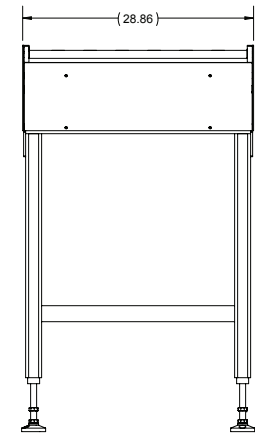
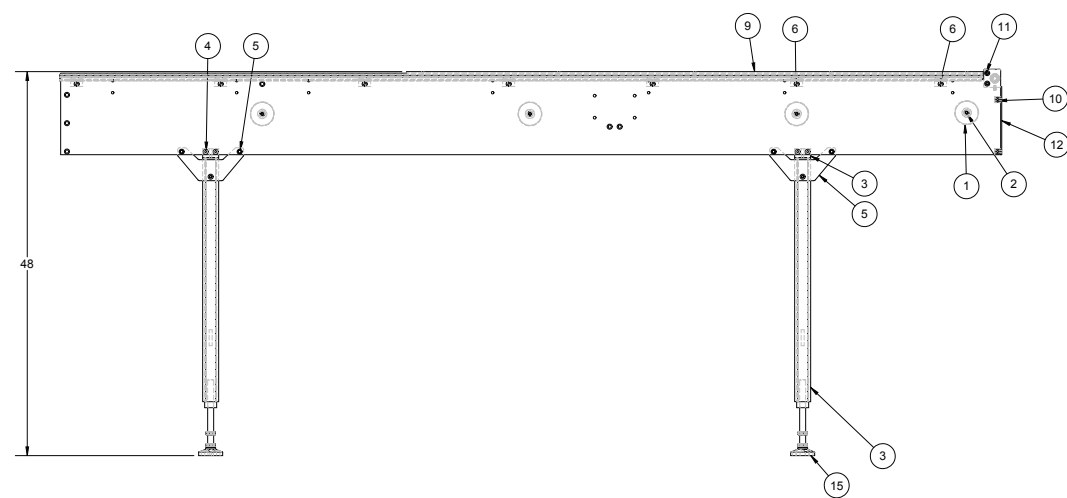
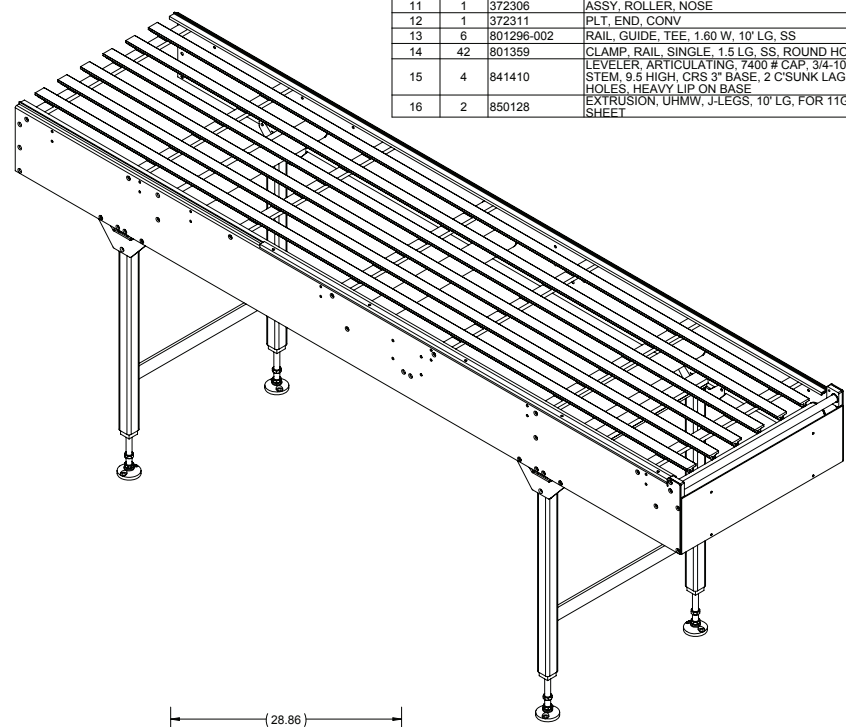
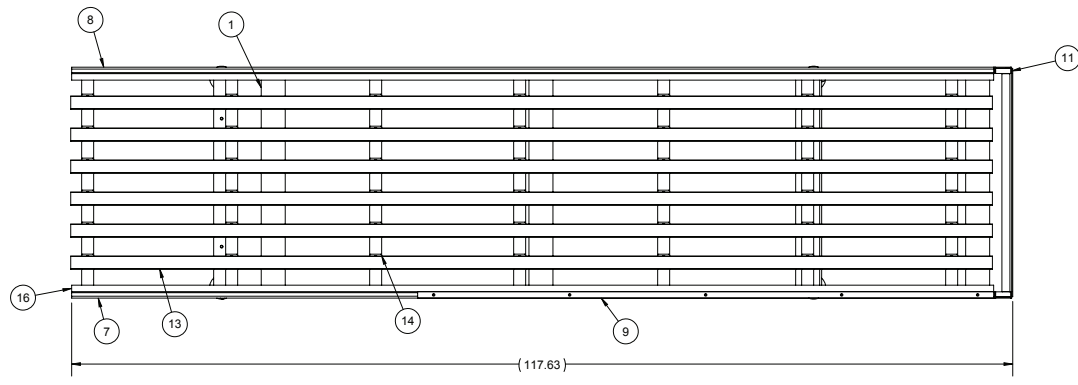
D

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BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	4	300373	DEFLECTION ROLLER
2	4	309572-009	SHAFT, IDLER
3	2	314799-015	WLDMT. SUPPORT, CONV
4	2	315005-003	CROSSBAR, INTERMEDIATE, CSINK
5	4	315016	PLT, STIFF
6	7	345146	CROSSBAR, INTERMEDIATE
7	1	372291	PLT, SIDE, CONV, DIVIDER, DYNAMIC
8	1	372291-001	OPPOSITE
9	1	372292	STRIP, GUIDE, SIDE, BELT, CONV
10	2	372303	XBAR, END, CONV, INFEED
11	1	372306	ASSY, ROLLER, NOSE
12	1	372311	PLT, END, CONV
13	6	801296-002	RAIL, GUIDE, TEE, 1.60 W, 10' LG, SS
14	42	801359	CLAMP, RAIL, SINGLE, 1.5 LG, SS, ROUND HOLE
15	4	841410	LEVELER, ARTICULATING, 7400 # CAP, 3/4-10 STEM, 9.5 HIGH, CRS 3" BASE, 2 C'SUNK LAG HOLES, HEAVY LIP ON BASE
16	2	850128	EXTRUSION, UHMW, J-LEGS, 10' LG, FOR 11GA SHEET



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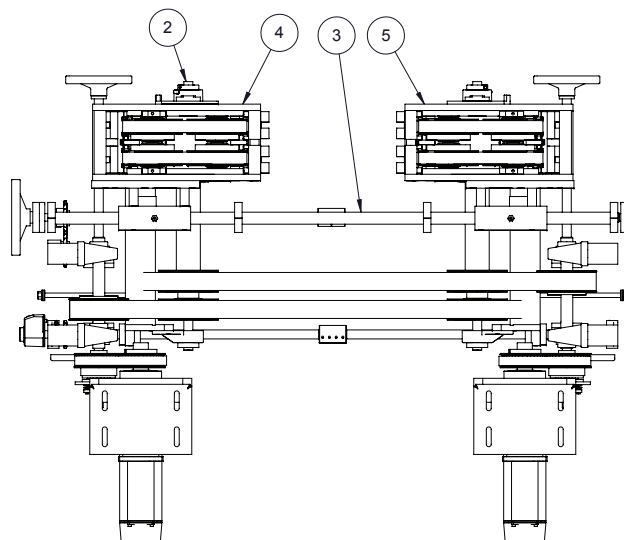
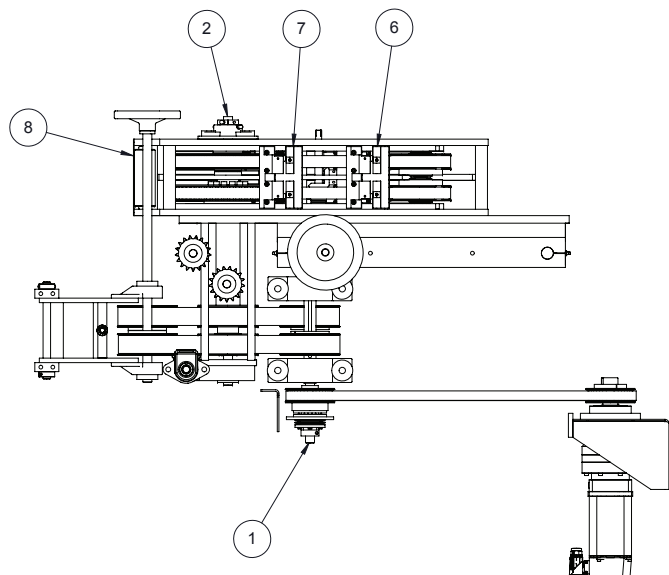
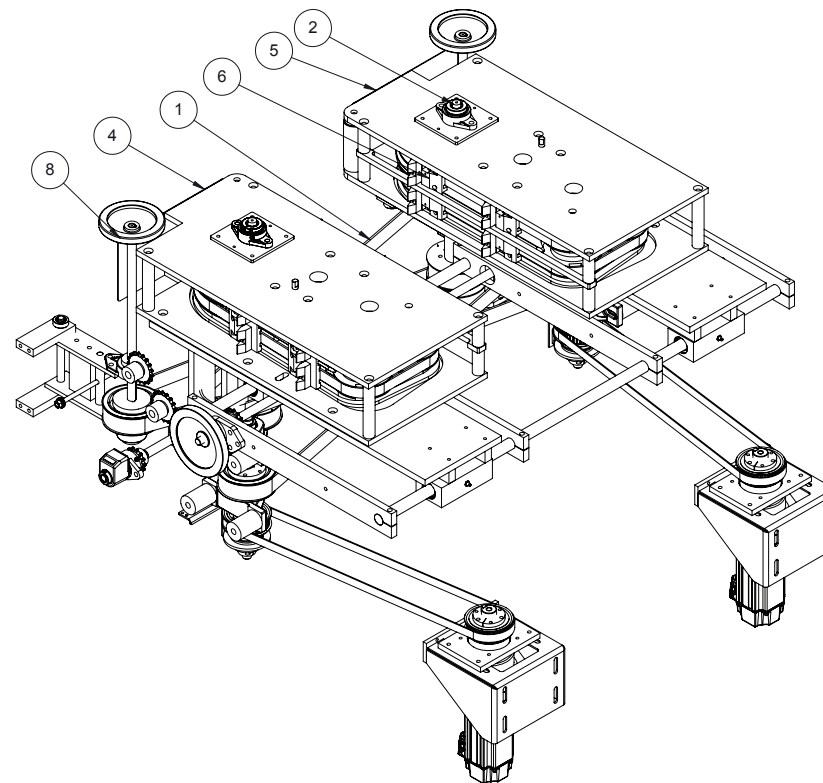
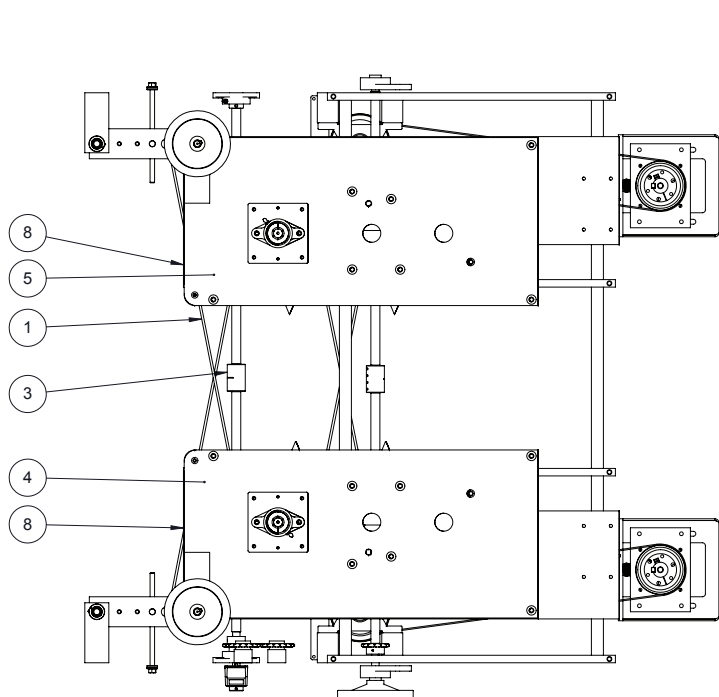
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NOTES				REV		REVISIONS		DESCRIPTION
• INTERPRET PER ASME Y14.5M-1994. • DIMENSIONS ARE IN INCHES (mm). • DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY. • BREAK SHARP EDGES AND CORNERS. • PROPRIETARY NOTICE: THIS INFORMATION IS THE PROPERTY OF ARPAC LLC AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS OBTAINED. • CREATED IN SOLIDWORKS 2018.				DATE	BY	NOTE		
CREATED IN SOLIDWORKS 2018				ARPAC SCALE 1:12		MATERIAL SEE BILL OF MATERIALS		ASSY, CONV, INFEED, DIVIDER, LANE
FILE \ CONFIG SIMILAR TO 384764384764- NOSE ROLLER				3RD ANGLE UNITS		TOLERANCES		
MODEL				DATE CREATED Tuesday, April 20, 2021		XX: ±1/32		FINISH NONE
DATE UPDATED Wednesday, April 21, 2021 10:46:39 AM sarcher				DATE UPDATED Tuesday, April 20, 2021		X.XX: ±0.15		
DATE CREATED Tuesday, April 20, 2021				DATE UPDATED Wednesday, April 21, 2021 10:46:58 AM sarcher		X.XXX: ±0.005		
DATE UPDATED				DATE UPDATED		ANGLES: ±1°		
DATE CREATED				DATE CREATED		NUMBER		
DATE UPDATED				DATE UPDATED		384764		
DATE CREATED				DATE CREATED				
DATE UPDATED				DATE UPDATED				
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8	2	371175	PANEL, GUARD, COLLATOR
7	4	369992-001	ASSY, CARRIER, LUG, COLLATOR
6	4	369992	ASSY, CARRIER, LUG, COLLATOR
5	1	384780	ASSY, TRACK, COLLATOR, 60" LG BELT, LH
4	1	384781	ASSY, TRACK, COLLATOR, 60" LG BELT, RH
3	1	286728	ASSY, COLLATOR GUIDE & ADJ.
2	2	364832	ASSY, PULLEY, DRIVE, VERTICAL
1	1	384783	ASSY, DRIVE, COLLATOR, 460VAC, VPL SERVO

ITM	QTY	PART NUM	DESCRIPTION
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UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONAL TOLERANCES:

FRACTIONS	± 1/64
TWO (2) DECIMALS	± 0.010
THREE (3) DECIMALS	± 0.005
ANGLES	± 0.5°

DRAWN: 4/22/2021	BY: SRA	SCALE: 1:8	SIZE: C
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FILENAME: 384766

DESCRIPTION:
ASSY, COLLATOR, SIDE, SERVO, VPL, 60" LG BELT

DRAWING NUMBER: 384766

ARPAC SIZE FORMAT RS

4

3

2

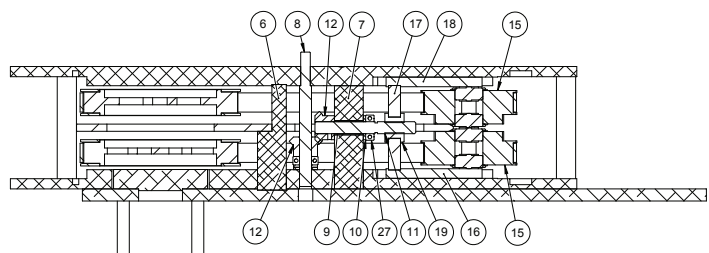
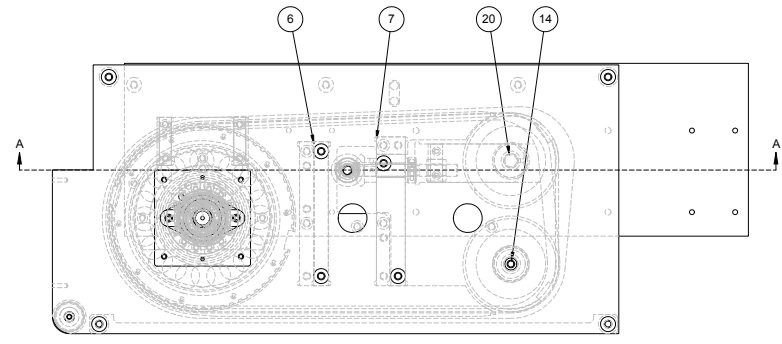
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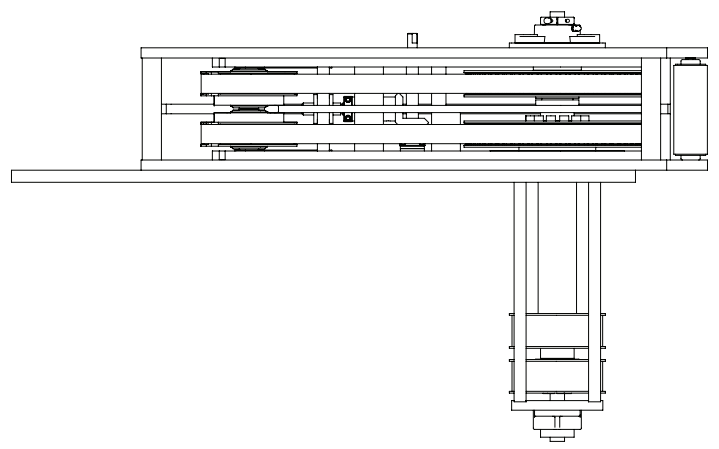
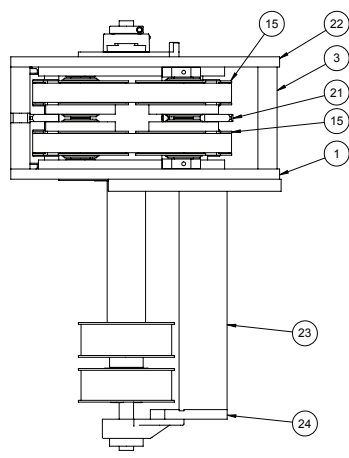
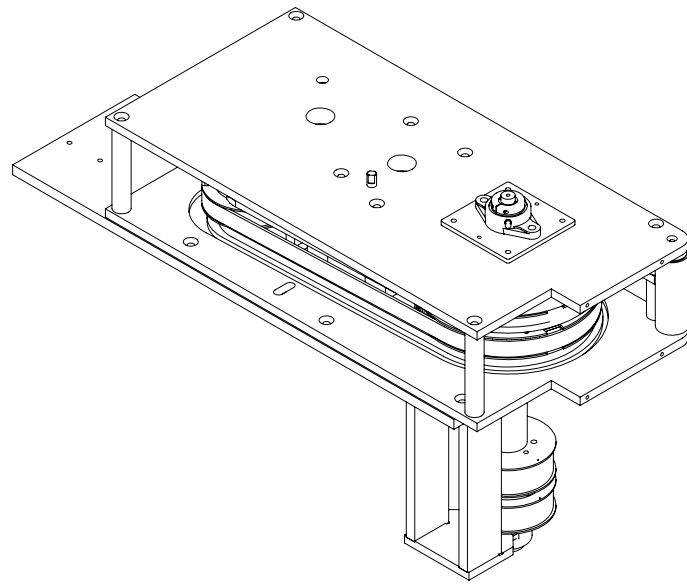
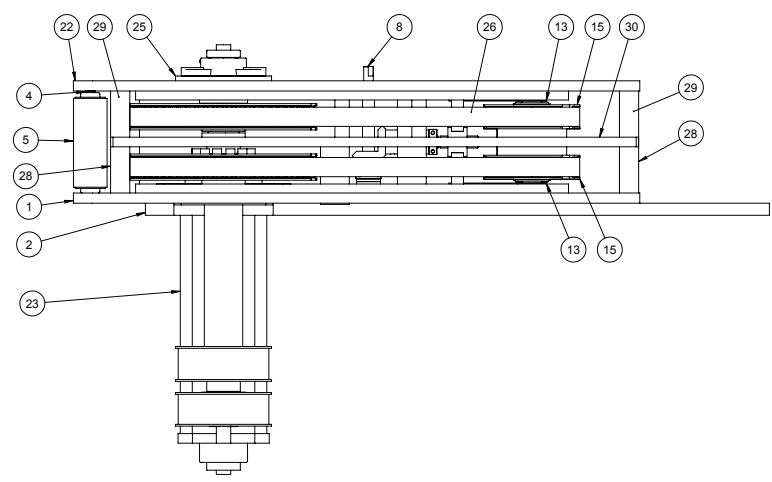
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B

A



SECTION A-A



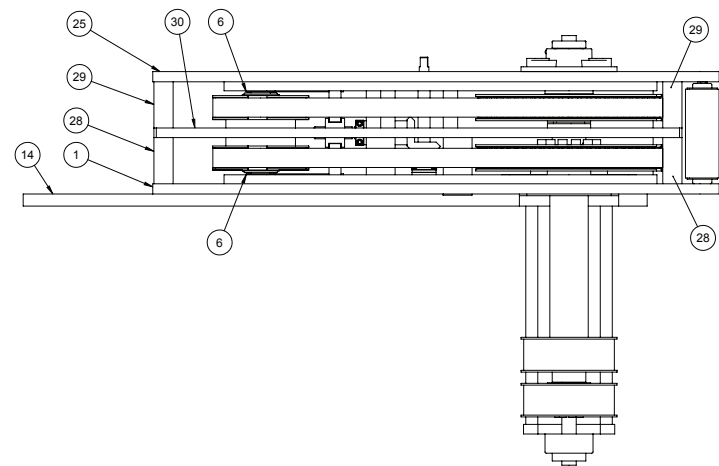
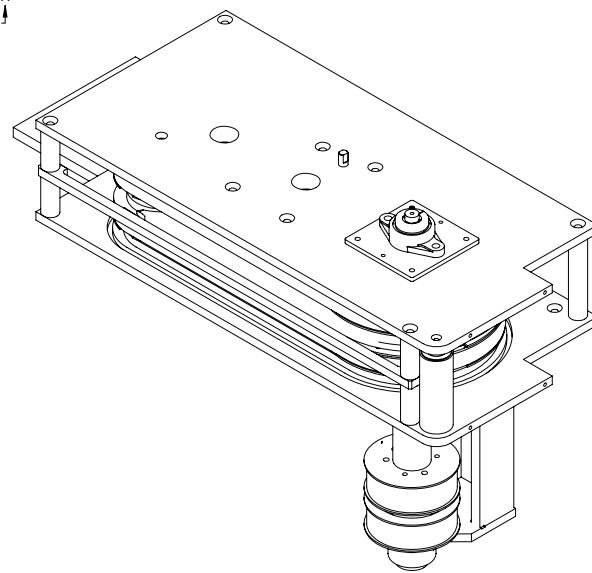
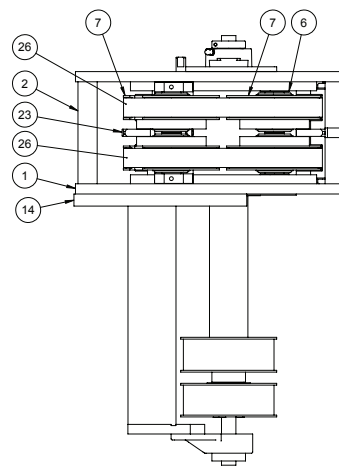
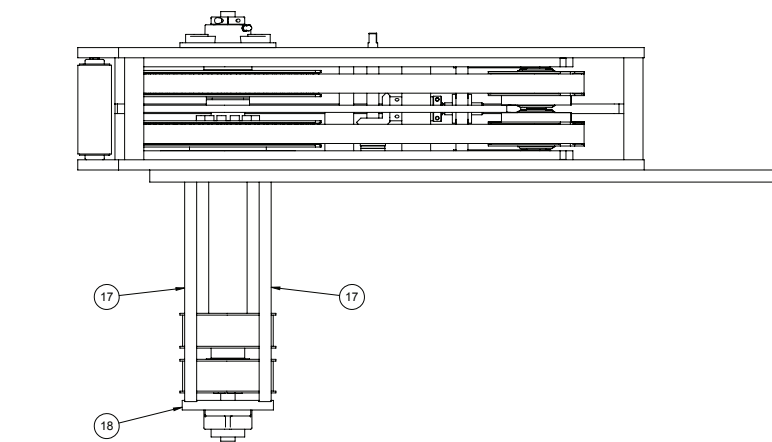
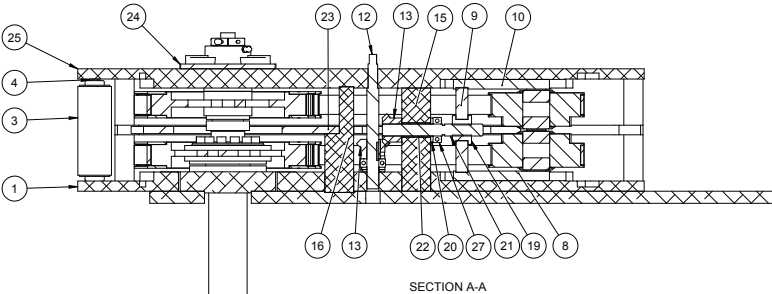
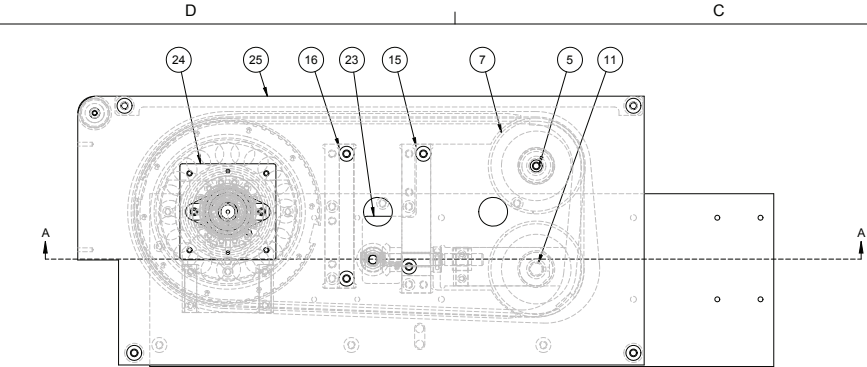
BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	1	364844-001	PLT, TRACK, COLLATOR, LOWER, LH
2	1	364833-001	PLT, BASE, COLLATOR, LH
3	2	195481	SPACER
4	1	195482	HEX, SHAFT, 5-5/16" LG
5	1	101929-027	RLR, IDLER, CRS, 1.750, BRG, FAFNIR NI PLT
6	1	195485-001	SPACER, LH
7	1	364834-001	BLOCK, LH
8	1	364842	SHAFT, ADJ., GEAR
9	1	817259	BUSH, OILITE, 0.627 X 0.753 X 1-1/2 LG
10	3	800439	WSHR, OILITE, 0.628 X 1.250 X 1/8 THK
11	1	364843	SCREW, TENSIONER
12	2	370629	GEAR, MITER, 18T, 20 DEG, 3/16 KEY, 5/8 BORE
13	2	195479	WASHER
14	1	195480	SHAFT, IDLER
15	4	364836	PULLEY, IDLER
16	1	195472	PLT, TOP, TENSIONER
17	1	195474	PLT
18	1	195473	PLT, BOTTOM, TENSIONER
19	1	195477	NUT
20	1	195476	SHAFT
21	1	364835	PLT, RETAINER
22	1	364837-001	PLT, TRACK, COLLATOR, UPPER, LH
23	2	195483	PLT
24	1	195484	PLT, 3 BOLT BRG MNT
25	1	221045	PLT, BRG, MTG
26	2	855398	BELT, TIMING, H PITCH, 1" W, 60" LG, 120 TEETH, ENDLESS, STEEL CORDS
27	2	800596	COLLAR, SHAFT, CLAMP, 2-PIECE, 5/8
28	2	195481-001	SPACER, 2.407 LG
29	2	286735	SPACER
30	1	371653	GUIDE, MIDDLE

NOTES	
• INTERPRET PER ASME Y14.5M-1994. DIMENSIONS ARE IN INCHES (mm). DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY.	
• BREAK SHARP EDGES AND CORNERS.	
• PROPRIETARY NOTICE: THIS INFORMATION IS THE PROPERTY OF ARPAC LLC AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS OBTAINED.	
• CREATED IN SOLIDWORKS 2013.	
DATE	DESCRIPTION
2017 10 17 09 AM	384780 Default
2021 04 21 01 43 PM	Thursday, May 4, 2017 10:17:09 AM
2021 04 21 01 43 PM	Wednesday, April 21, 2021 6:01:43 PM
2021 04 21 01 43 PM	sarcher
2021 04 21 01 43 PM	Thursday, May 4, 2017 3:51:09 PM
2021 04 21 01 43 PM	Wednesday, April 21, 2021 6:01:24 PM
2021 04 21 01 43 PM	sarcher



5555 W. Irving Park Rd.
Schaumburg, IL 60176
www.arpac.com

REV	DATE	BY	NOTE
REVISIONS			
SIZE	SCALE	MATERIAL	DESCRIPTION
C	1:5	SEE BILL OF MATERIALS	ASSY, TRACK, COLLATOR, 60" LG BELT, LH
3RD ANGLE	UNITS	FINISH	NUMBER
INCH		NONE	384780
TOLERANCES			
XX: ±1/32			
X.XX: ±0.015			
X.XXX: ±0.005			
ANGLES: ±1°			



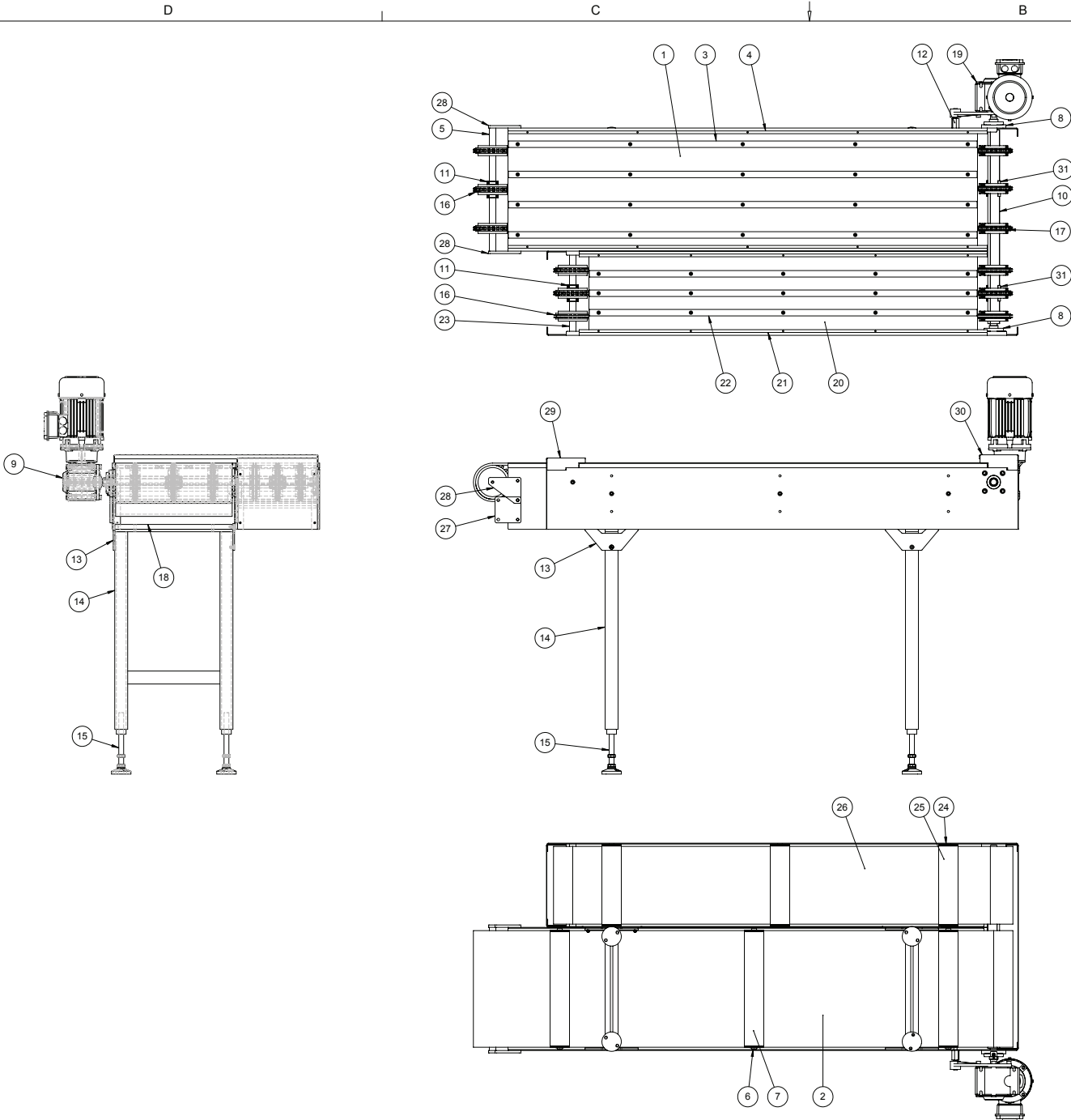
BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	1	364844	PLT, TRACK, COLLATOR, LOWER, RH
2	2	195481	SPACER
3	1	101929-027	RLR, IDLER, CRS, 1.750, BRG, FAFNIR NI PLT
4	1	195482	HEX, SHAFT, 5-5/16" LG
5	1	195480	SHAFT, IDLER
6	2	195479	WASHER
7	4	364836	PULLEY, IDLER
8	1	195473	PLT, BOTTOM, TENSIONER
9	1	195474	PLT
10	1	195472	PLT, TOP, TENSIONER
11	1	195476	SHAFT
12	1	364842	SHAFT, ADJ. GEAR
13	2	370629	GEAR, MITER, 18T, 20 DEG, 3/16 KEY, 5/8 BORE
14	1	364833	PLT, BASE, COLLATOR, RH
15	1	364834	BLOCK, RH
16	1	195485	CLUTCH BRACKET
17	2	195483	PLT
18	1	195484	PLT, 3 BOLT BRG MNT
19	1	195477	NUT
20	3	800439	WSHR, OILITE, 0.628 X 1.250 X 1/8 THK
21	1	364843	SCREW, TENSIONER
22	1	817259	BUSH, OILITE, 0.627 X 0.753 X 1-1/2 LG
23	1	364835	PLT, RETAINER
24	1	221045	PLT, BRG, MTG
25	1	364837	PLT, TRACK, COLLATOR, UPPER, RH
26	2	855398	BELT, TIMING, H PITCH, 1" W, 60" LG, 120 TEETH, ENDLESS, STEEL, CORDS
27	2	800596	COLLAR, SHAFT, CLAMP, 2-PIECE, 5/8
28	2	195481-001	SPACER, 2.407 LG
29	2	286735	SPACER
30	1	371653	GUIDE, MIDDLE

NOTES
 • INTERPRET PER ASME Y14.5M-1994.
 • DIMENSIONS ARE IN INCHES (mm).
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 • CREATED IN SOLIDWORKS 2013.

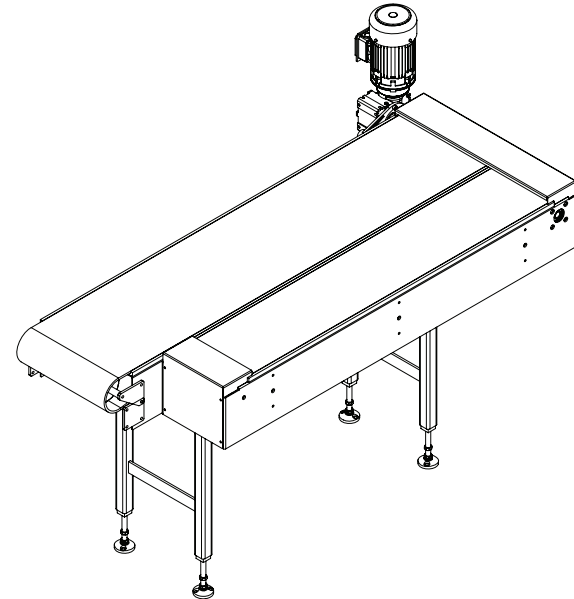
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DATE UPDATED	Wednesday, April 21, 2021 6:10:18 PM



REV	DATE	BY	NOTE
REVISIONS			
SIZE	SCALE	MATERIAL	DESCRIPTION
C	1:5	SEE BILL OF MATERIALS	ASSY, TRACK, COLLATOR, 60" LG BELT, RH
3RD ANGLE	UNITS	FINISH	NUMBER
INCH		NONE	384781
TOLERANCES			
XX: ±1/32			
X.XX: ±0.015			
XXX: ±0.005			
ANGLES: ±1°			



BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	1	385024	FRAME, CONV. TRANSFER, SIDE, 18 WD BELT
2	1	872419	BELT, MODULAR, MAT TOP, ACETAL, HP8505-18IN
3	4	385029	RAIL, GUIDE, BELT
4	2	385028	RAIL, GUIDE, SIDE, BELT
5	1	309571-016	SHAFT, TAIL, 19.00 LG
6	3	310689-017	SHAFT, IDLER, CSINK
7	3	300373-012	RLR, DEFLECTION, L = 18.20
8	2	839632	BRG, FLG, 1 ID, 4-BOLT
9	1	311656	WASHER, RETAINER
10	1	385020	SHAFT, DRIVE, CONV. TRANSFER, SIDE
11	4	800568	COLLAR, SHAFT, CLAMP, 2-PIECE, 1 ID x 1 3/4 OD
12	1	315027	PIN, LOCKING, DRIVE
13	4	315016	PLT, STIFF
14	2	374168-001	WLDMT, SUPPORT, CONV
15	4	841410	LEVELER, ARTICULATING, 7400 # CAP, 3/4-10 STEM, 9.5 HIGH, CRS 3" BASE, 2 O-SUNK LAG HOLES, HEAVY LIP ON BASE
16	6	872417	SPKT, NS8500-24T 1IN I_PA
17	6	872418	SPKT, NS8500-24T 1-1/2IN S_PA
18	2	315005-009	CROSSBAR, INTERMEDIATE, CSINK
19	1	872585	GEARMOTOR, FLEXBLOC, Ø1" HOLLOW SHAFT, 25:1, 70 RPM, 1.5 HP, 230/460 VAC, W/ TORQUE ARM
20	1	385008	FRAME, CONV. BRIDGE, 12 WD BELT
21	2	385021	RAIL, GUIDE, SIDE, BELT
22	3	385019	RAIL, GUIDE, BELT
23	1	309571-015	SHAFT, TAIL, 12.73 LG
24	3	310689-018	SHAFT, IDLER, CSINK, 12.73 LG
25	3	300373-019	RLR, DEFLECTION, A=12.66
26	1	872606	BELT, MODULAR, MAT TOP, ACETAL, HP8505-12IN
27	2	385027	PLT, CONNECT, CONV
28	2	385030	PLT, MTG, SHAFT, SPROCKET
29	1	385031	GUARD, BELT, CONV
30	1	385032	GUARD, BELT, CONV, TRANSFER
31	4	800970	RETAINER RING, SELF SET, 1-1/2" SQ SHAFT SS C-TYPE W/SETSCREW

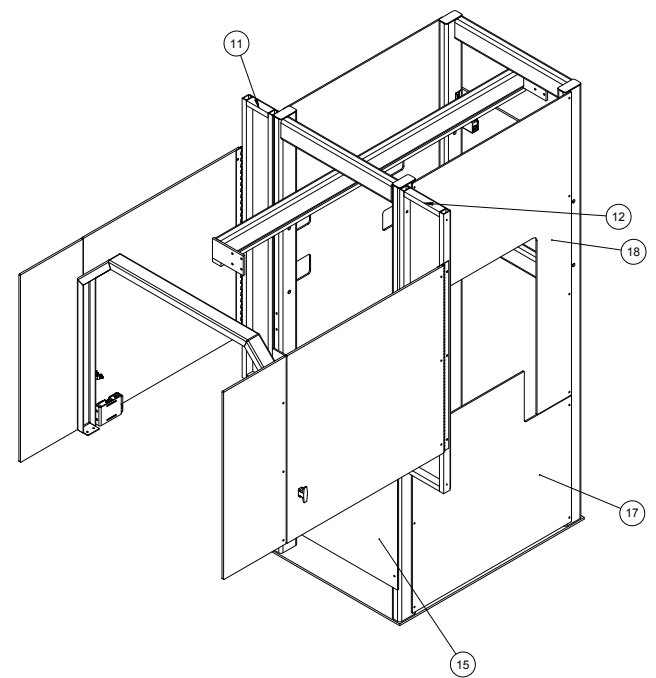
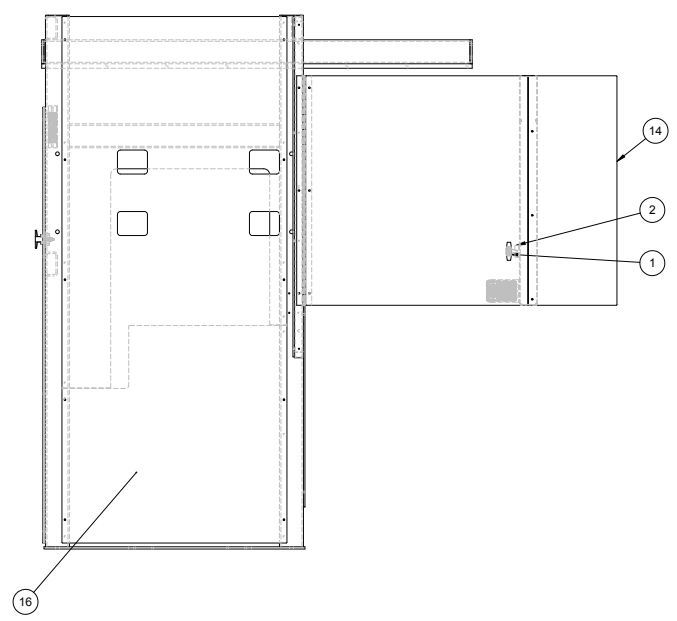
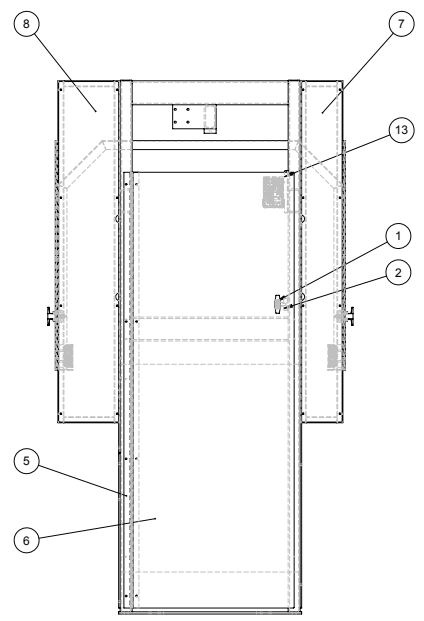
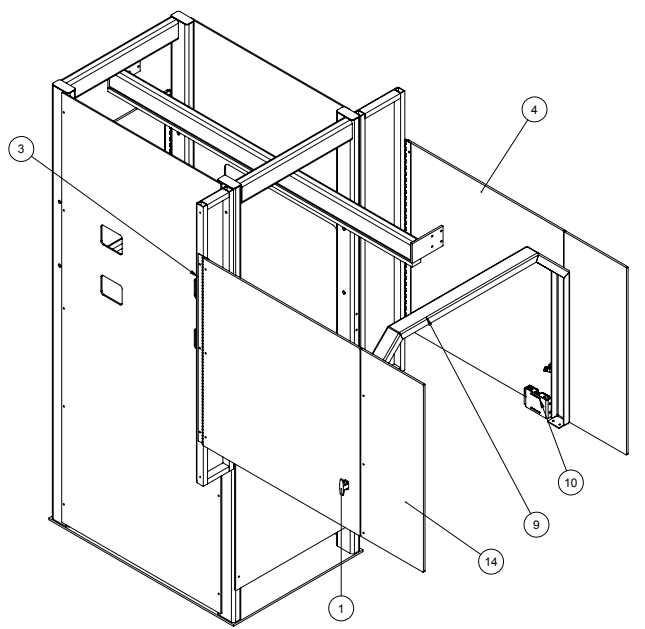
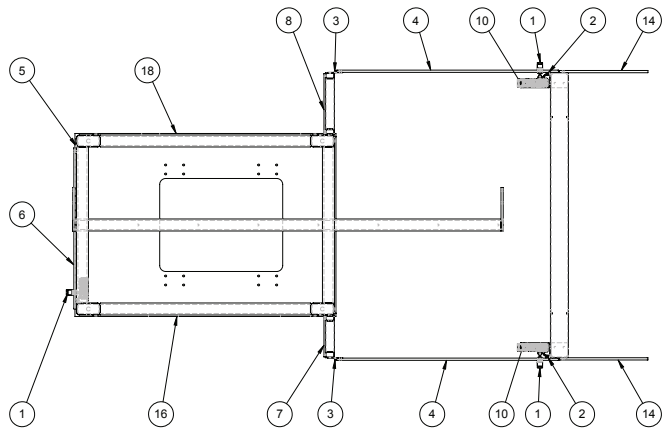


NOTES	
• INTERPRET PER ASME Y14.5M-1994. DIMENSIONS ARE IN INCHES (mm). DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY.	
• BREAK SHARP EDGES AND CORNERS.	
• PROPRIETARY NOTICE: THIS INFORMATION IS THE PROPERTY OF ARPAC LLC AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS OBTAINED.	
• CREATED IN SOLIDWORKS 2018.	

CREATED IN SOLIDWORKS 2018	
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SIMILAR TO	~
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UPDATED BY	sarcher
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DATE UPDATED	Friday, October 22, 2021 10:44:30 AM
UPDATED BY	sarcher

REV				DATE		BY		NOTE	
REVISIONS									
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X.XX: ±0.015									
X.XXX: ±0.005									
ANGLES: ±1°									

BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	3	802653	LATCH, VISE-ACTION
2	3	221651	BRK, STOP, LATCH
3	2	369934	HINGE, DOOR, 38.25 LG
4	2	369933	DOOR, LEXAN, SIDE
5	1	383413	HINGE, DOOR, 72.625 LG
6	1	383414	DOOR, LEXAN, 26.88 X 72.625
7	1	369935	COVER, SIDE, DOOR, LEXAN, NARROW
8	1	369936	COVER, SIDE, DOOR, LEXAN, WIDE
9	1	285333	FRAME, MTG, GUARD, HOPPER
10	2	298636	BKT, MTG, SWITCH, DOOR
11	1	240594	WLDMT, MTG, DOOR, NARROW
12	1	328583	WLDMT, MTG, DOOR, WIDE
13	1	298730	BKT, MTG, SWITCH, DOOR
14	2	370549	PANEL, GUARD, LEXAN, MAGAZINE
15	1	371143-001	PANEL, GUARD, LEXAN
16	1	385415	COVER, LEXAN, W/CUTOUTS, MAG, EXT
17	1	385416	COVER, LEXAN, BOTTOM
18	1	369938	COVER, LEXAN, TOP



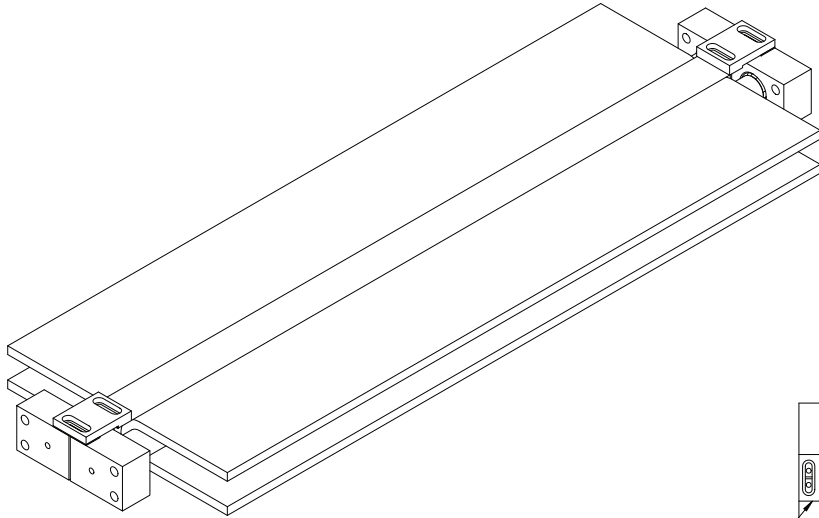
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• INTERPRET PER ASME Y14.5M-1994. • DIMENSIONS ARE IN INCHES (mm). • DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY. • BREAK SHARP EDGES AND CORNERS. • PROPRIETARY NOTICE: THIS INFORMATION IS THE PROPERTY OF ARPAC LLC AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS OBTAINED. • CREATED IN SOLIDWORKS 2018.			CREATED IN SOLIDWORKS 2018		ASSY, COVERS, LEXAN, MAG, EXTENDED	
			SIZE		SCALE	MATERIAL
0505 W. Irving Park Rd Chicago, IL 60630 www.arpac.com			C		1:16	SEE BILL OF MATERIALS
A SUBMITTAL COMPANY			3RD ANGLE		UNITS	
MODEL					INCH	
FILE \ CONFIG			TOLERANCES		FINISH	NUMBER
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383412			X.XX: ±0.015			
DATE CREATED			X.XXX: ±0.005			
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DATE UPDATED						
Monday, May 10, 2021 3:10:11 PM						
UPDATED BY						
sarcher						
DATE CREATED						
Monday, April 5, 2021 2:29:57 PM						
DATE UPDATED						
Monday, May 10, 2021 11:43:19 AM						
UPDATED BY						
sarcher						

D

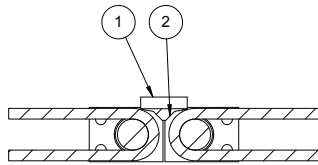
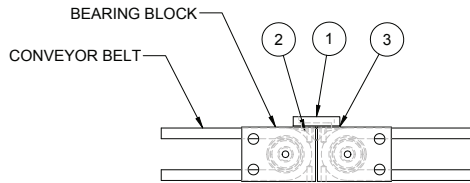
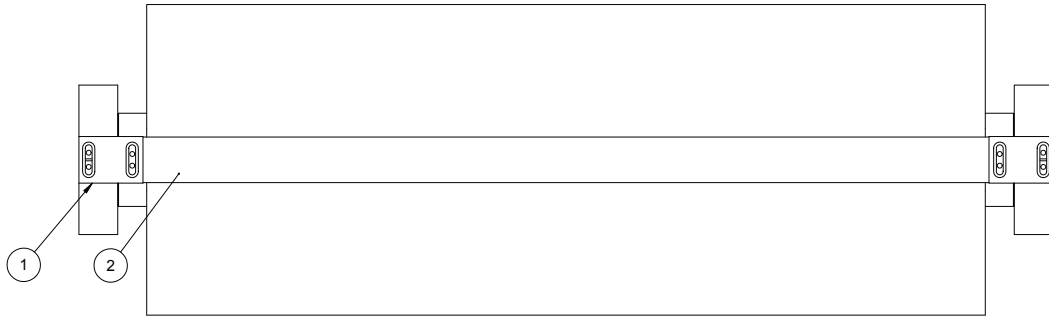
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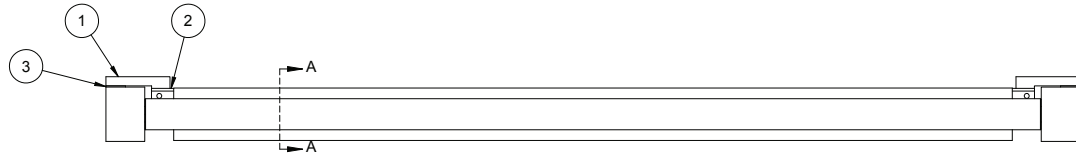
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BILL OF MATERIALS			
ITEM	QTY	NUMBER	DESCRIPTION
1	2	390688	PLT, SUPPORT, BAR, TRANSFER
2	1	390689	BAR, TRANSFER, PRODUCT
3	2	390690	PLT, SHIM



SECTION A-A

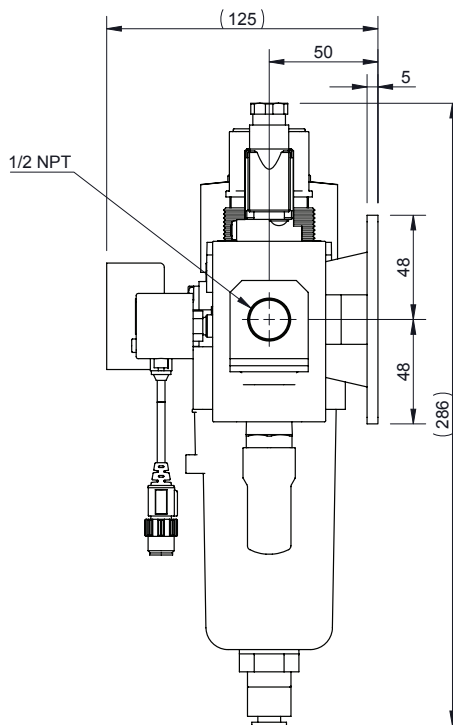
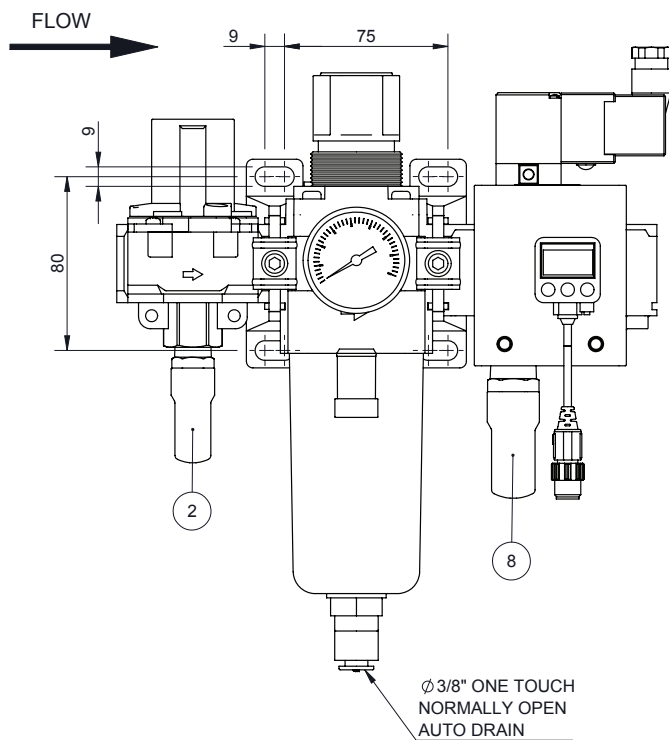
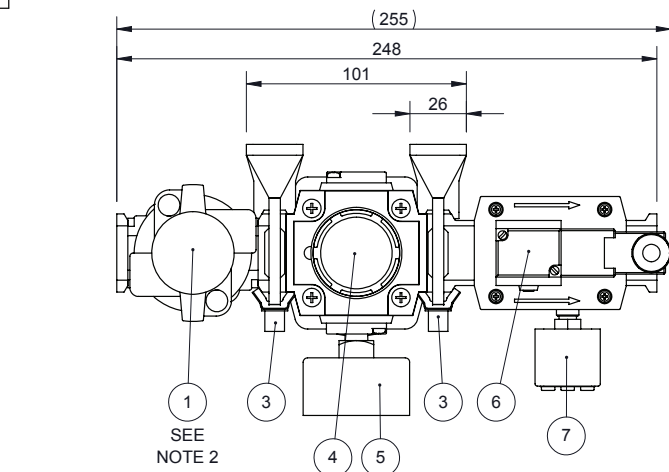


REV	DATE	BY	NOTE
REVISIONS			
SEE BILL OF MATERIALS			DESCRIPTION ASSY, PLT, TRANSFER, CONV
FINISH NONE			NUMBER 390696

NOTES		CREATED IN SOLIDWORKS	NVENIA A DUBAYVAULT COMPANY	750 N Wood Dale Rd Wood Dale, IL 60191 nvenia.com
• INTERPRET PER ASME Y14.5-2018. • DIMENSIONS ARE IN INCHES [mm]. • DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY. • BREAK SHARP EDGES AND CORNERS. • PROPRIETARY NOTICE: THIS INFORMATION IS THE PROPERTY OF NVENIA LLC AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS OBTAINED. • CREATED IN SOLIDWORKS.	MODEL	FILE \CONFIG SIMILAR TO DATE CREATED DATE UPDATED UPDATED BY	390696\Default - Wednesday, December 23, 2020 2:55:00 PM Thursday, October 21, 2021 4:57:29 PM sarcher	3RD ANGLE UNITS INCH
	DRAFT	DATE CREATED DATE UPDATED UPDATED BY	Thursday, October 21, 2021 4:57:37 PM Thursday, October 21, 2021 5:10:01 PM sarcher	TOLERANCES X.X: ±1/32 X.XX: ±.015 X.XXX: ±.005 ANGLES: ±1°

IN9001

REV.	ZONE	ECN	DESCRIPTION	DATE	BY
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**NOTES:**

- 1) ALL DIMENSIONS ARE FOR REFERENCE ONLY..
- 2) EXHAUST ALL DOWNSTREAM PRESSURE BEFORE TURNING THE VHS HAND VALVE TO THE CLOSED POSITION.
- 3) GAUGE AND PRESSURE SWITCH NOT INSTALLED, TO PREVENT DAMAGE DURING SHIPPING.

STANDARD SPECIFICATIONS:

PROOF PRESSURE: 1.5 MPa (218 psi)
OPERATING PRESSURE RANGE: 0.2~1.0 MPa (29~145 psi)
FLUID: AIR
AMBIENT AND FLUID TEMPERATURE: 0~50°C (32~122°F) WITH NO FREEZING
NOMINAL FILTRATION RATING: 5 µm
VOLTAGE: 24 VDC

PLEASE SEE WWW.SMCWORLD.COM FOR SPECIFIC PRODUCT INFORMATION

8	AN40-N04	SILENCER	1
7	ISE40A-N01-Y-P-X531	PRESSURE SWITCH	1
6	AV4000-N04-5DZ-X260	SOFT-START VALVE	1
5	K50-MP1.0-N01MS	GAUGE, PRESSURE	1
4	AW40-N04D-Z-B	FILTER/REGULATOR	1
3	Y400T-A	INTERFACE	2
2	AN30-N03	SILENCER WITH 3/8" THREAD	1
1	VHS40-N04B-Z	VALVE, 3 PORT LOCK OUT	1
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.

UNITS mm		SCALE FREE	
DRAWN BY DICK A. SHULER	DATE 11/20/2018	THIS DRAWING CONTAINS CONFIDENTIAL INFORMATION PROPRIETARY TO SMC CORPORATION OF AMERICA. IT MUST NOT BE REPRODUCED OR DISCLOSED TO OTHERS OR USED IN ANY OTHER WAY, IN PART OR IN WHOLE, EXCEPT AS AUTHORIZED IN WRITING BY SMC CORPORATION OF AMERICA.	
APPROVED BY REFER TO EDM SYSTEM		DESCRIPTION AIR COMBINATION	
PRINTED DOCUMENTS ARE UNCONTROLLED REFER TO EDM SYSTEM FOR CONTROLLED DOCUMENT		DRAWING/PART No. AC40-DUW02467	
CAD FILE AC40-DUW02467		SIZE B	REVISION 0

REFERENCE NUMBER: US132912