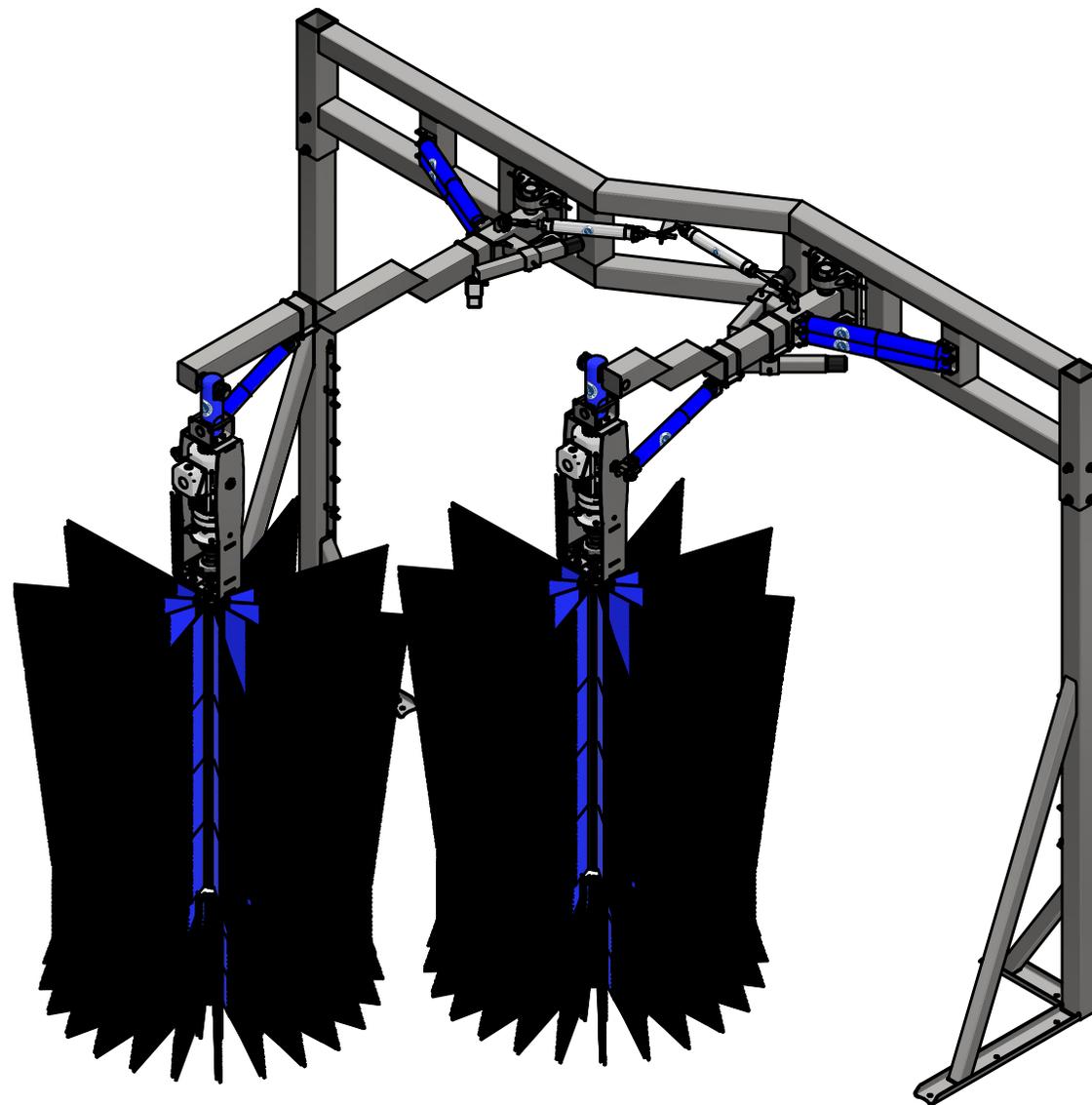


# WA1-EL - Free standing Wrap Around with Electric Drive



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 MAYWOOD, IL 60153  
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CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Free standing Wrap Around with Electric Drive	
RELEASE DATE	11/23/2021	PART NUMBER: WA1-EL	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 1 of 56

REVISION HISTORY

ECO No.	REV	DESCRIPTION	DATE	ENGINEER	APPROVED
	1	INITIAL RELEASE	10/06/2021	JIBIN	
	1				



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DRAWN BY

Jibin

CUSTOMER: AVW EQUIPMENT CO.

CHECKED BY

PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive

QTY

DESCRIPTION:

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RELEASE DATE

11/23/2021

PART NUMBER:

REV# 1

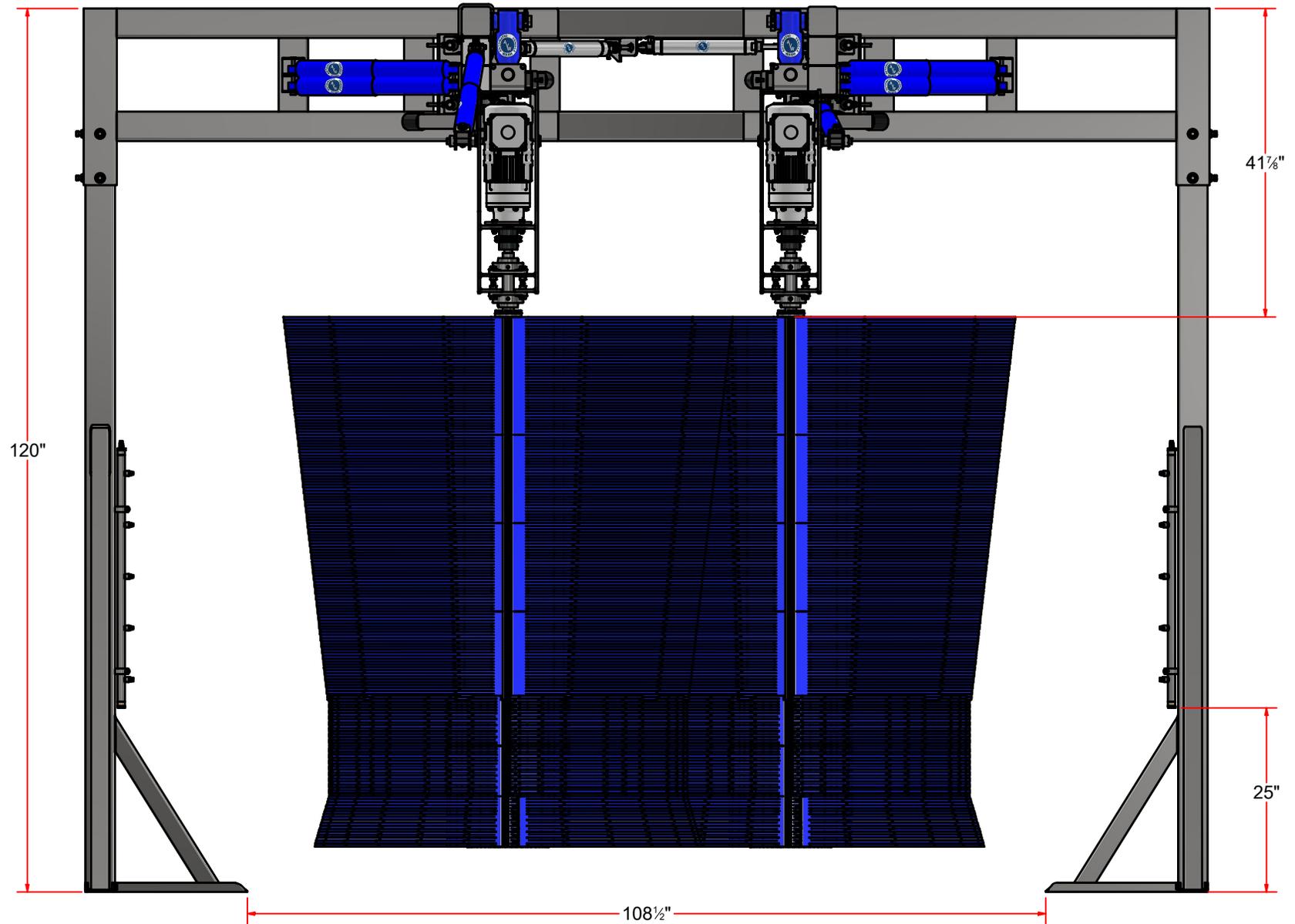
DIMENSION ARE IN INCHES & PROVIDED PRIOR  
 TO SURFACE TREATMENTS, UNLESS NOTED.

SIZE  
**A**

EST WEIGHT:

SHEET 2 of 56

PATH:

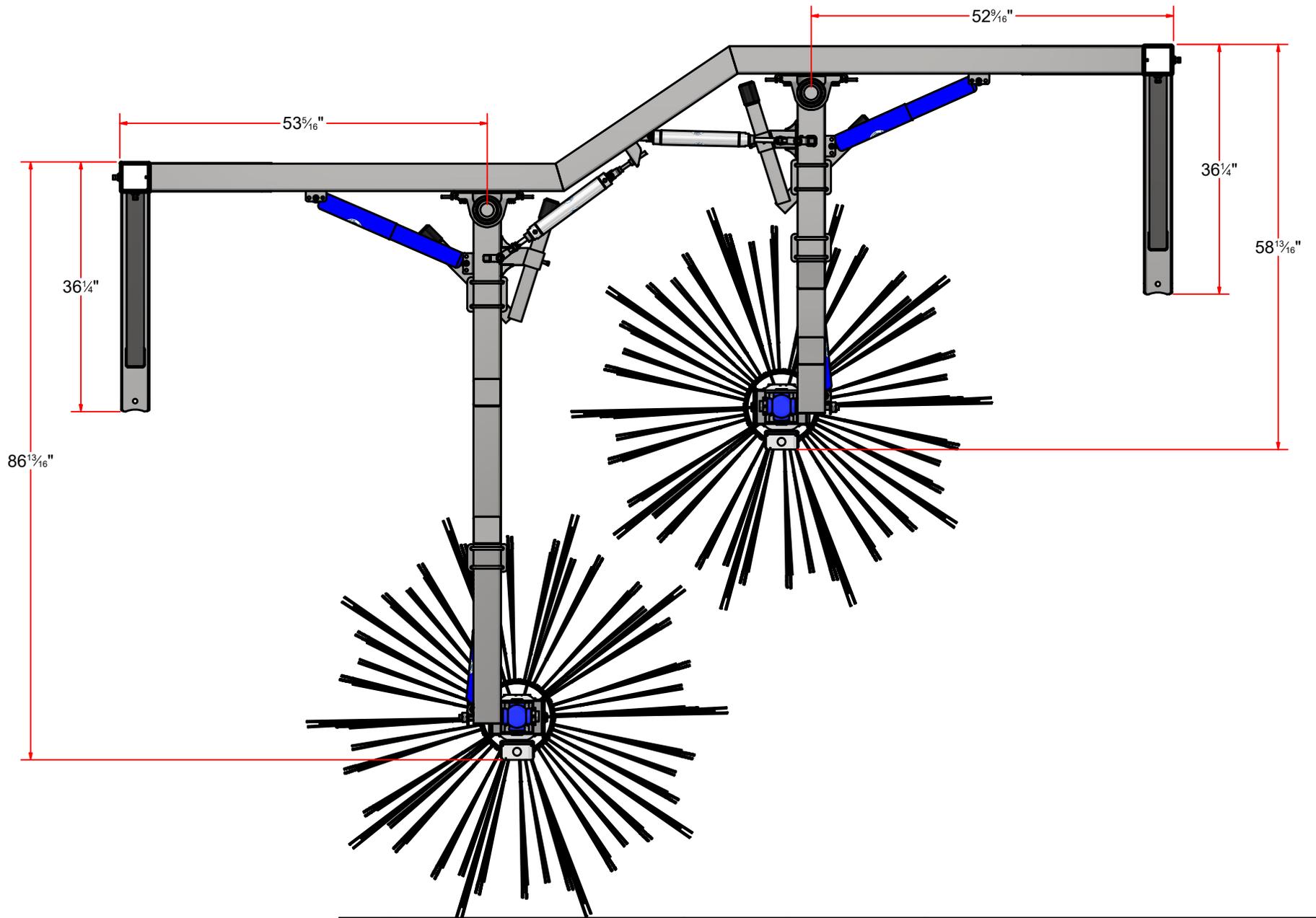


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CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Free standing Wrap Around with Electric Drive	
RELEASE DATE	11/23/2021	PART NUMBER: WA1-EL	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 3 of 56

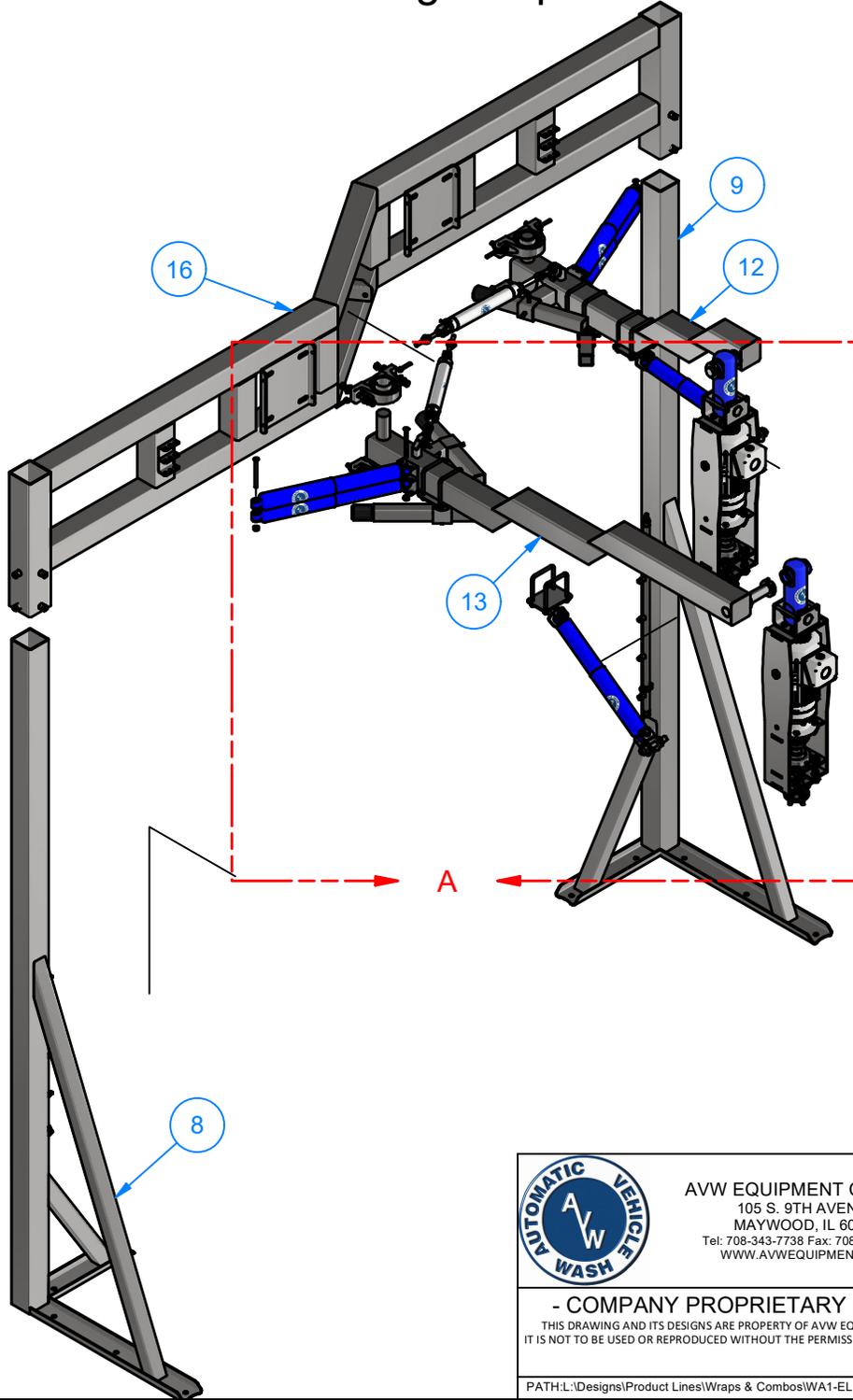


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CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Free standing Wrap Around with Electric Drive	
RELEASE DATE	11/23/2021	PART NUMBER: WA1-EL	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 4 of 56

# WA1-EL - Free standing Wrap Around with Electric Drive



## Parts List

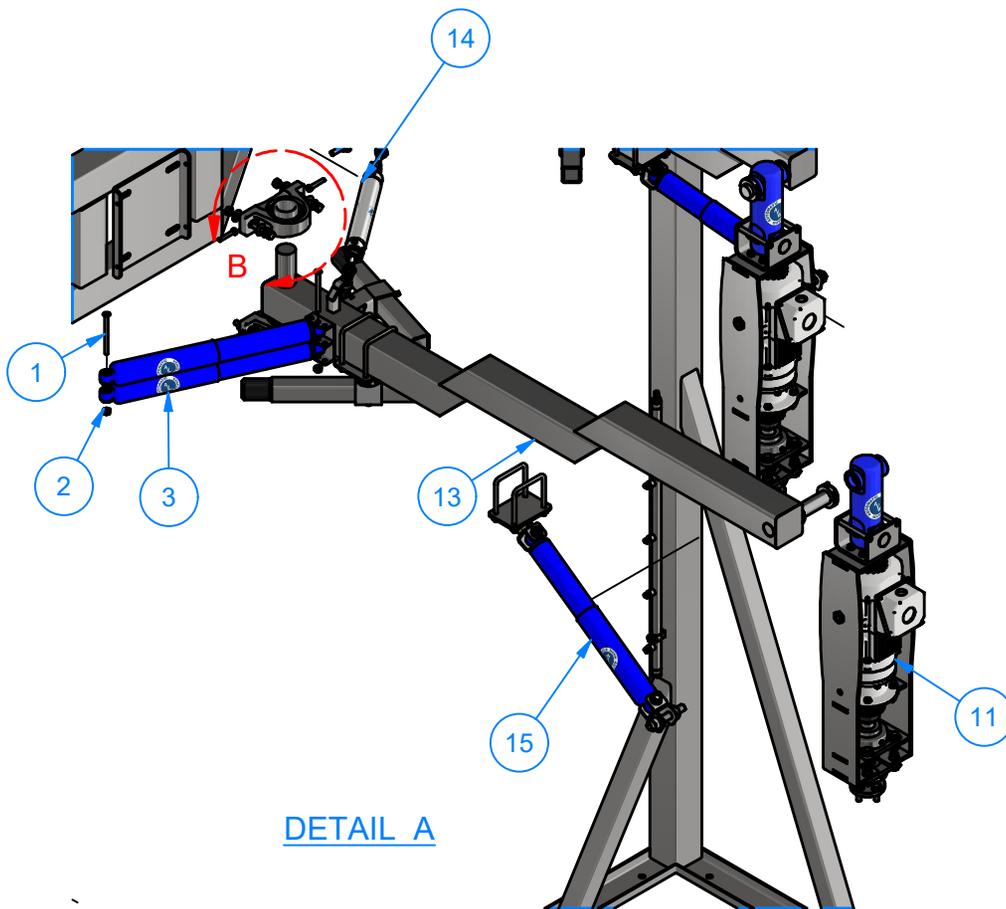
ITEM	PART NUMBER	QTY	DESCRIPTION
1	WA1FB	4	Pin 3/8" x 5" LG
2	WA1FC	4	3/8" Set Screw Collar
3	WA1FA	4	Blue Shock Absorber Assembly
4	HHCS1213225	8	1/2"-13UNCx 2 1/2"LG.HexScrew
5	SLW12	8	1/2" Split Lock Washer
6	FW12	16	1/2" Flat Washer
7	HN1213	8	1/2" - 13 UNC Hex Nut
8	WA1B	1	Leg Passenger(Reg)/Driver(Rev)
9	WA1A	1	Leg Driver(Reg)/Passenger(Rev)
10	BRG-WA1WB-SS	4	2" Pillow Block
11	WA10K-EL	2	Sumitomo Electric Drive
12	WA1D-EL	1	Dual Step-Up Wrap Arm (Driver 48") Assembly
13	WA1E-EL	1	Dual Step-Up Wrap Arm Assembly (Passenger Side 76")
14	TR1R	2	Retract Air Cylinder 2" x 10" (OPTIONAL)
15	WA2F-0318	2	Wrap Stabilizer Kit (OPTIONAL)
16	WA1C-EL	1	Electrical Z Wrap Cross Bar
17	HHCS3816200	8	3/8" - 16 x 2" UNC Hex Screw



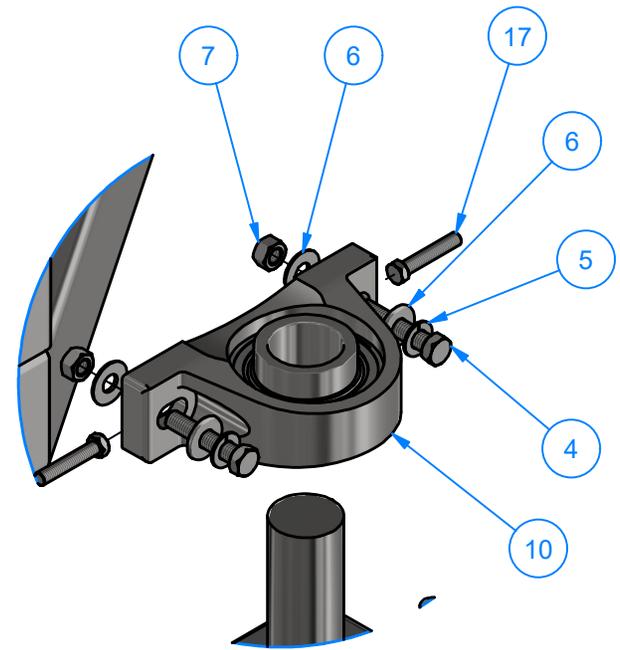
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CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Free standing Wrap Around with Electric Drive	
RELEASE DATE	11/23/2021	PART NUMBER: WA1-EL	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 5 of 56



DETAIL A



DETAIL B

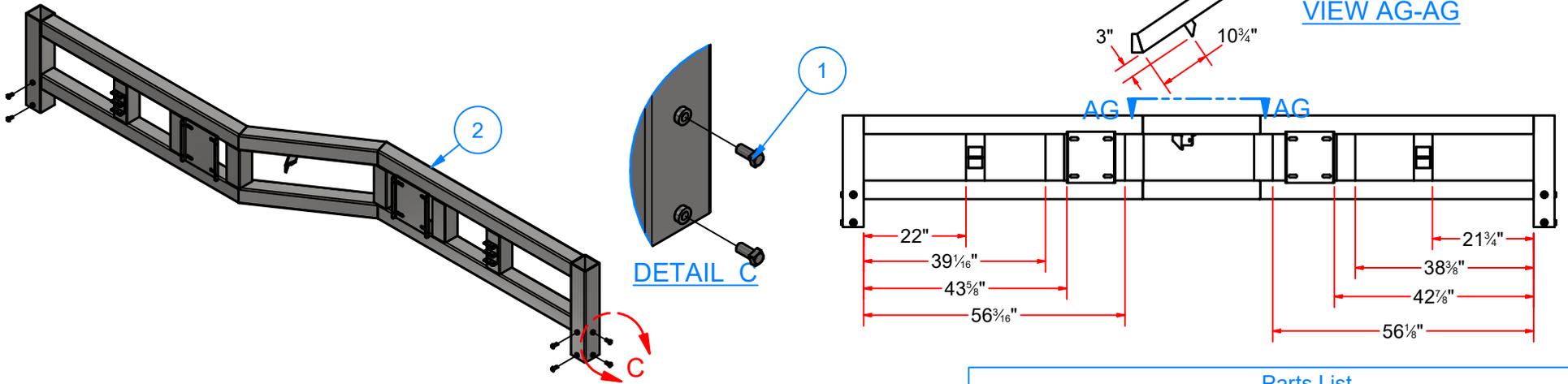


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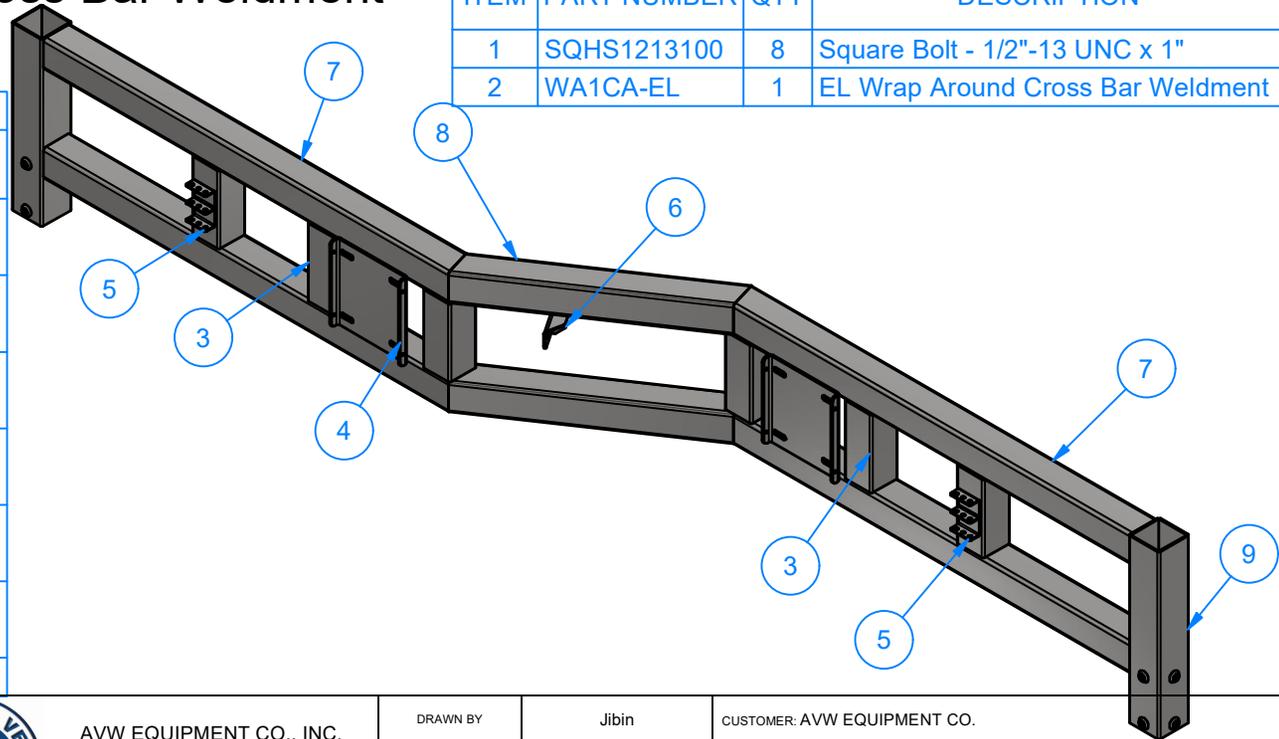
DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Free standing Wrap Around with Electric Drive	
RELEASE DATE	11/23/2021	PART NUMBER: WA1-EL	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 6 of 56

# WA1C-EL - Electrical Z Wrap Cross Bar



# WA1CA-EL - EL Wrap Around Cross Bar Weldment

Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
3	SQTSS07GX400X01000	6	SS SqTube #7Gax 4"x10"LG
4	WA1CAC	2	Bearing Mounting Plate #1/4"x 11" x 12"
5	SAB1	2	Dual Shock Absorber Bracket
6	WC3BAH	1	SS Plate [7Ga] 8"x 4 13/16
7	WA1CAG	4	SS SqTube #7Ga 4"x 60"LG
8	WA1CAH	2	Sq. Tubing #7Ga 4"x 30 5/8" LG
9	WA1CAA	2	24" Horizontal Sleeve



Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	SQHS1213100	8	Square Bolt - 1/2"-13 UNC x 1"
2	WA1CA-EL	1	EL Wrap Around Cross Bar Weldment

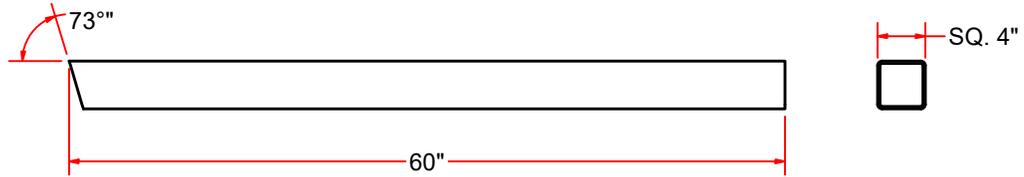
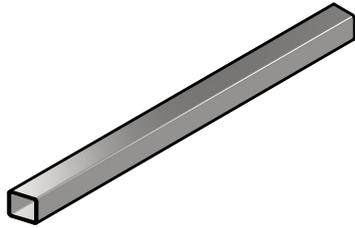


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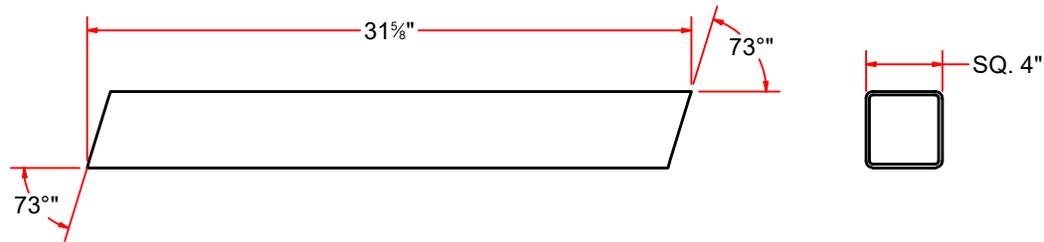
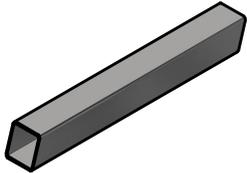
DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Electrical Z Wrap Cross Bar	
RELEASE DATE	11/23/2021	PART NUMBER: WA1C-EL	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 7 of 56

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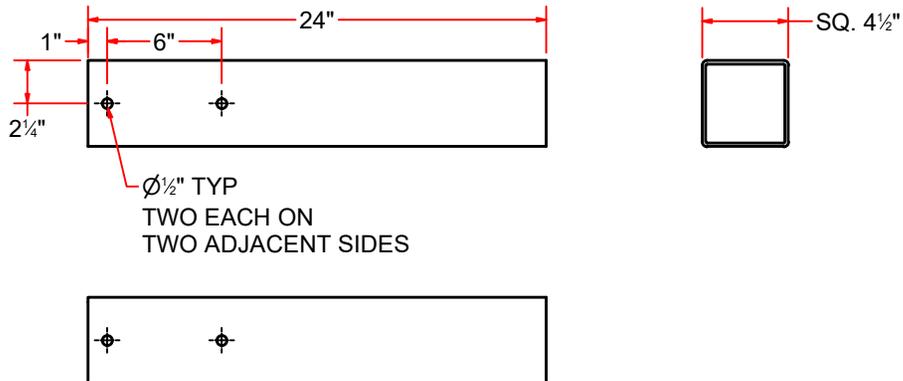
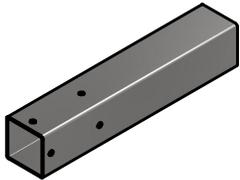
## WA1CAG - SS SqTube #7Ga 4"x 60"LG



## WA1CAH - Sq. Tubing #7Ga 4"x 30 5/8" LG



## WA1CAA - Sq.Tube#7 Ga 4 1/2" x 24" LG



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PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive

QTY

DESCRIPTION: SS SqTube #7Ga 4"x 60"LG

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RELEASE DATE

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PART NUMBER: WA1CAG

REV# 1

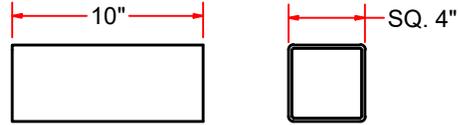
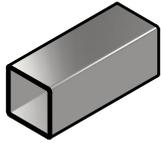
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.

SIZE  
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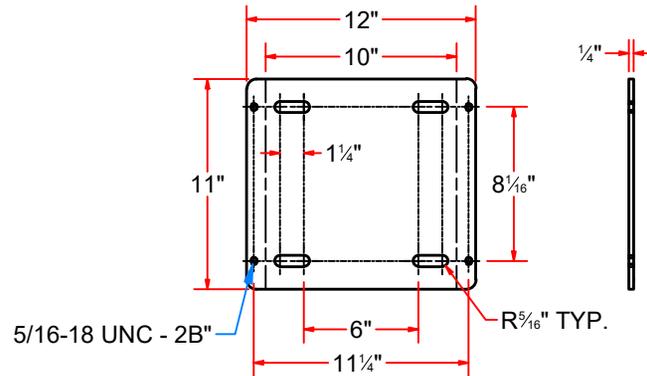
EST WEIGHT:

SHEET 8 of 56

# SQTSS07GX400X01000 - SS SqTube #7Gax 4"x10"LG



# WA1CAC - Bearing Mounting Plate #1/4"x 11" x 12"

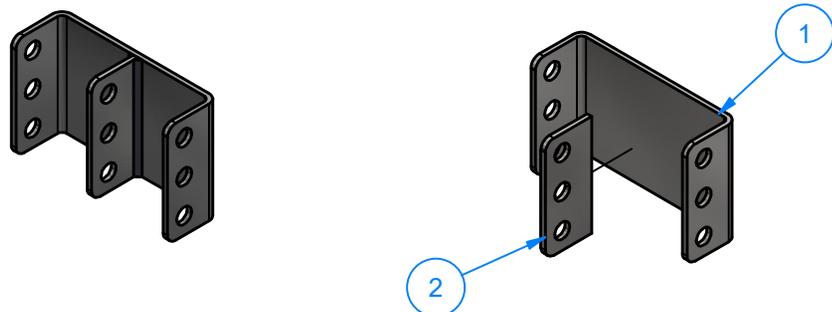


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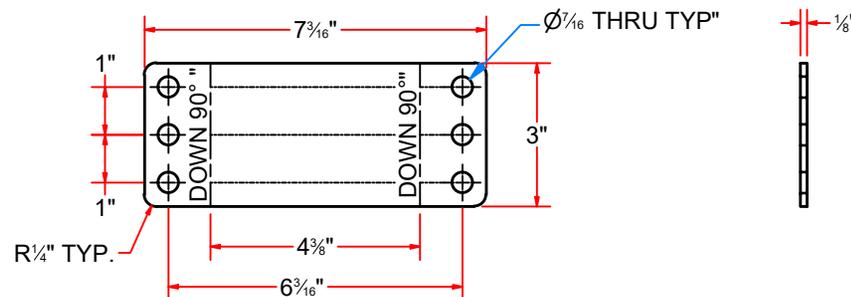
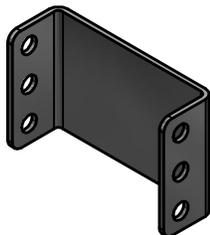
DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: SS SqTube #7Gax 4"x10"LG	
RELEASE DATE	11/23/2021	PART NUMBER: SQTSS07GX400X01000	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 9 of 56

# SAB1 - Dual Shock Absorber Bracket

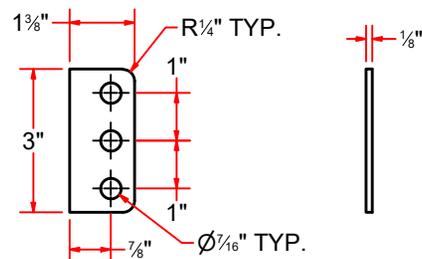


Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	SAB1A	1	SS S.M #10Gax 3" x 7 3/16" LG.
2	SAB1B	1	SS S.M#10Ga x 1 3/8" x 3" LG.

## SAB1A - SS S.M #10Gax 3" x 7 3/16" LG.



## SAB1B - SS S.M#10Ga x 1 3/8" x 3" LG.



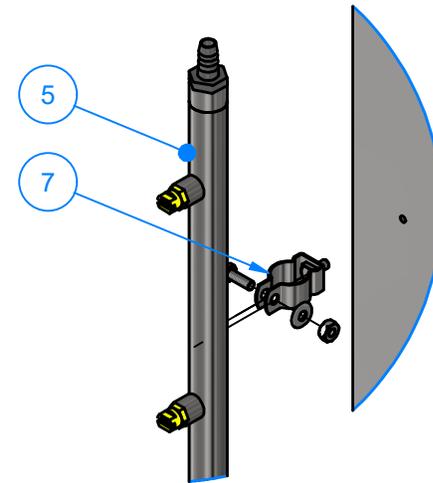
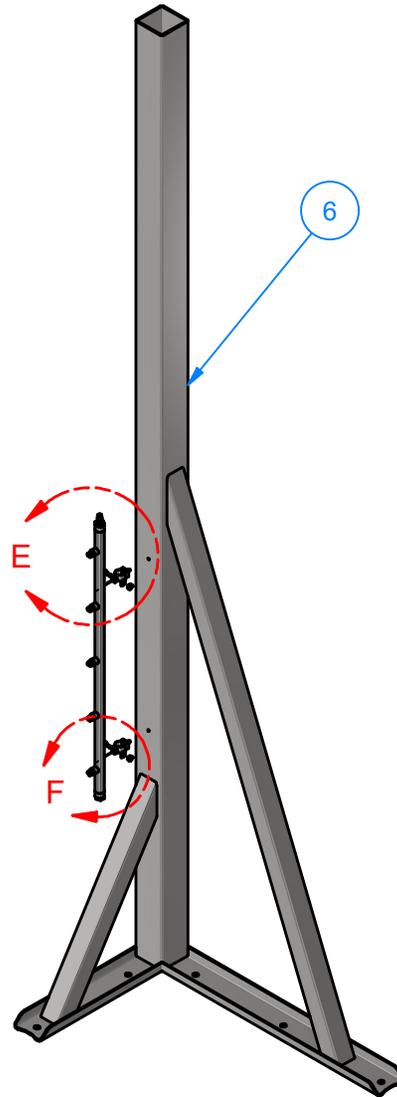
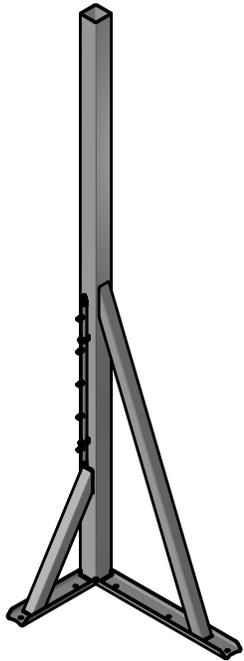
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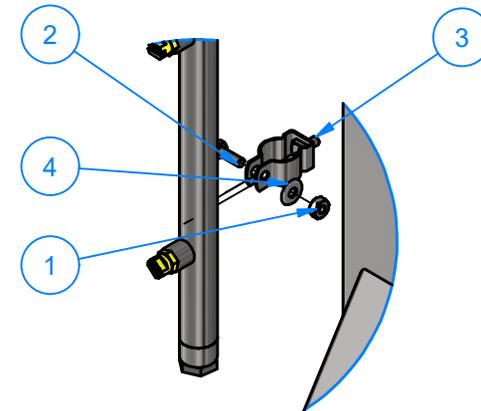
DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Dual Shock Absorber Bracket	
RELEASE DATE	11/23/2021	PART NUMBER: SAB1	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:  SHEET 10 of 56



# WA1A - Leg Driver(Reg)/Passenger(Rev)



DETAIL E



DETAIL F

Parts List

ITEM	PART NUMBER	QTY	DESCRIPTION
1	HN1420	2	1/4"-20 Hex Nut
2	HHCS1420075	2	1/4"-20 UNCx3/4" LG. Hex Screw
3	SQHS1420050	2	1/4" - 20 x 0.5" UNC Square Screw
4	FW14	2	1/4" Flat Washer
5	WA1LA	1	Z-Wrap Around Side Water Manifold
6	WA1AA	1	Leg Driver(Reg)/Passenger(Rev)
7	CH304SS10625	2	Clamping Hanger



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DRAWN BY

Jibin

CUSTOMER: AVW EQUIPMENT CO.

CHECKED BY

PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive

QTY

DESCRIPTION: Leg Driver(Reg)/Passenger(Rev)

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RELEASE DATE

11/23/2021

PART NUMBER: WA1A

REV# 1

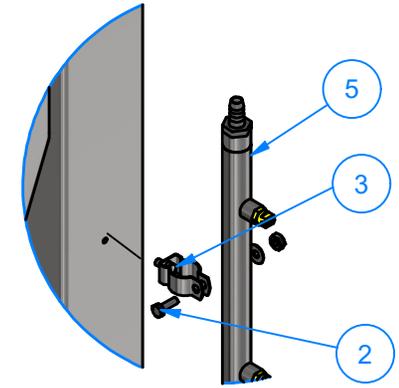
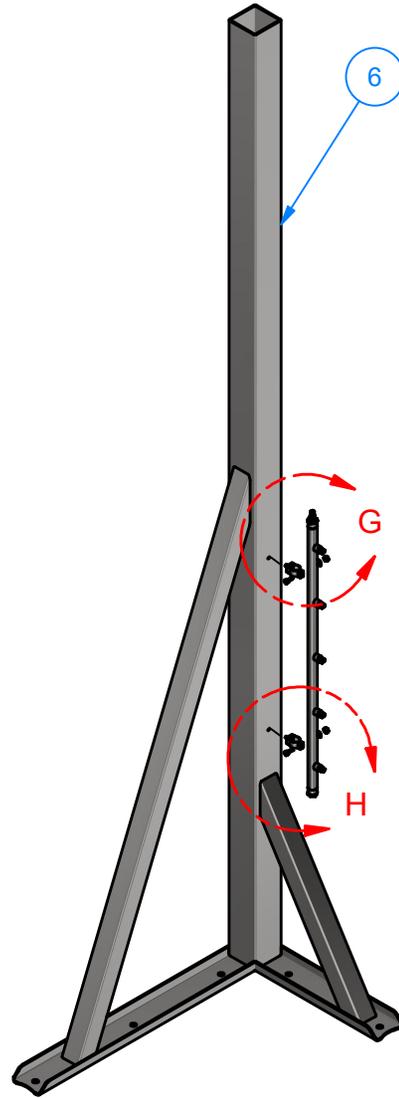
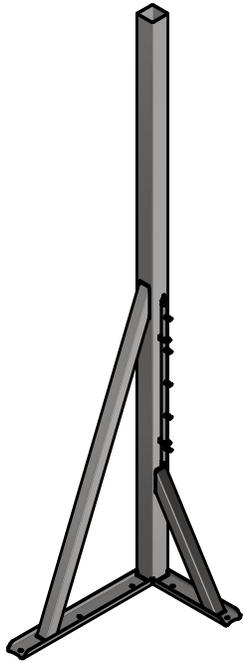
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SIZE  
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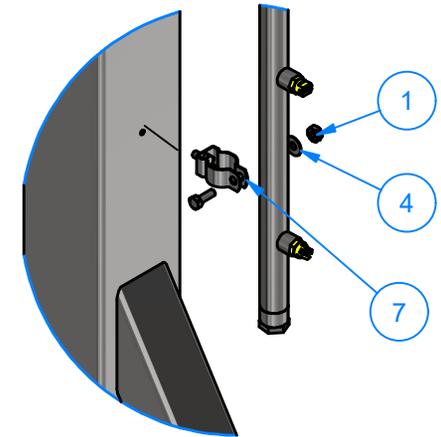
EST WEIGHT:

SHEET 12 of 56

# WA1B - Leg Passenger(Reg)/Driver(Rev)



DETAIL G



DETAIL H

Parts List

ITEM	PART NUMBER	QTY	DESCRIPTION
1	HN1420	2	1/4"-20 Hex Nut
2	HHCS1420075	2	1/4"-20 UNCx3/4" LG. Hex Screw
3	SQHS1420050	2	1/4" - 20 x 0.5" UNC Square Screw
4	FW14	2	1/4" Flat Washer
5	WA1LA	1	Z-Wrap Around Side Water Manifold
6	WA1BA	1	Leg Passenger(Reg)/ Driver(Rev)
7	CH304SS10625	2	Clamping Hanger



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Jibin

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CHECKED BY

PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive

QTY

DESCRIPTION: Leg Passenger(Reg)/Driver(Rev)

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RELEASE DATE

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PART NUMBER: WA1B

REV# 1

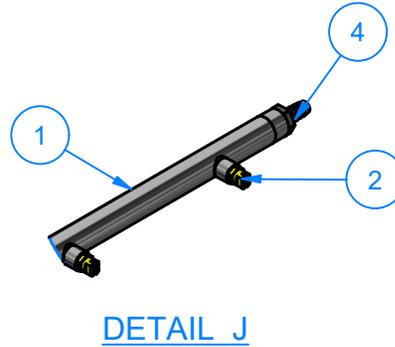
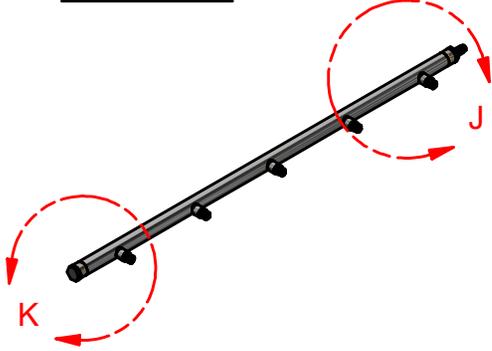
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SIZE  
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EST WEIGHT:

SHEET 13 of 56

# WA1LA - Z-Wrap Around Side Water Manifold



DETAIL J



DETAIL K

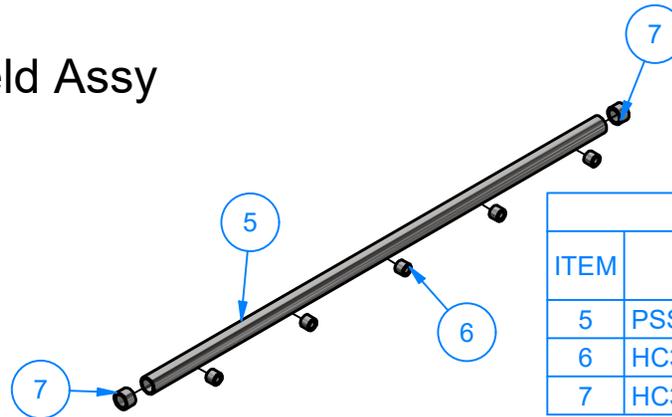
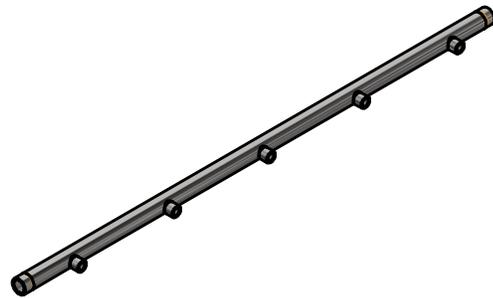
Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	WA1LAA	1	Manifold w/ holes
2	NZ14-05E80	5	Nozzle - Yellow - 1/4" MNPT
3	SAE140109P-8	1	Hex Plug 1/2" NPT
4	BRB12MNPTHB-PPBLK	1	1/2" NPT Plastic Hose Barb

# WA1LAA - Manifold w/ holes

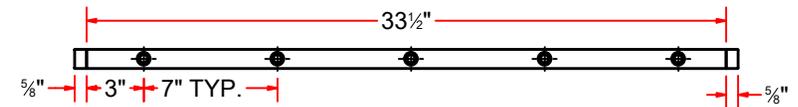


Drilling  $\text{Ø}3/8"$  Holes 5 Nos through welded half couplings

# WA1LAAA - Manifold Weld Assy



Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
5	PSSSC40X075X03350	1	Pipe 3/4" SCH 40 x 33 1/2" LG
6	HC304025	5	1/4" Half Coupling
7	HC304050	2	1/2" Half Coupling

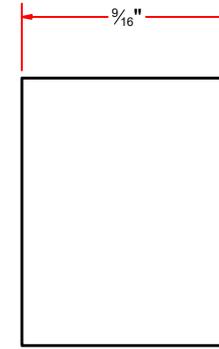
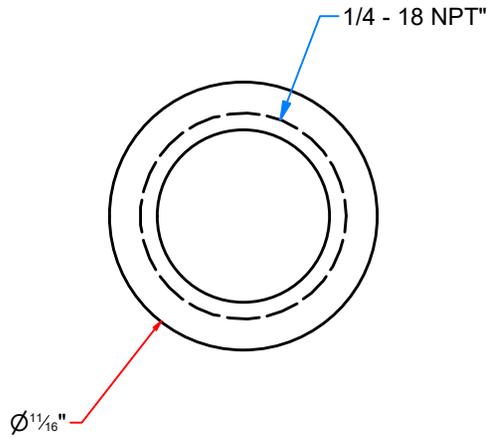


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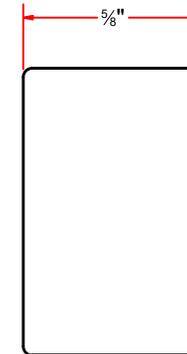
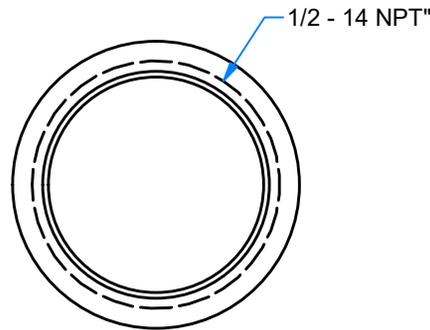
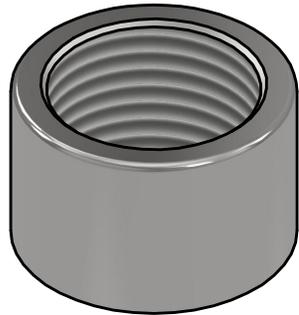
DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Z-Wrap Around Side Water Manifold	
RELEASE DATE	11/23/2021	PART NUMBER: WA1LA	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 14 of 56

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# HC304025 - 1/4" Half Coupling



# HC304050 - 1/2" Half Coupling



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DRAWN BY

Jibin

CUSTOMER: AVW EQUIPMENT CO.

CHECKED BY

PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive

QTY

DESCRIPTION: 1/4" Half Coupling

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RELEASE DATE

11/23/2021

PART NUMBER: HC304025

REV# 1

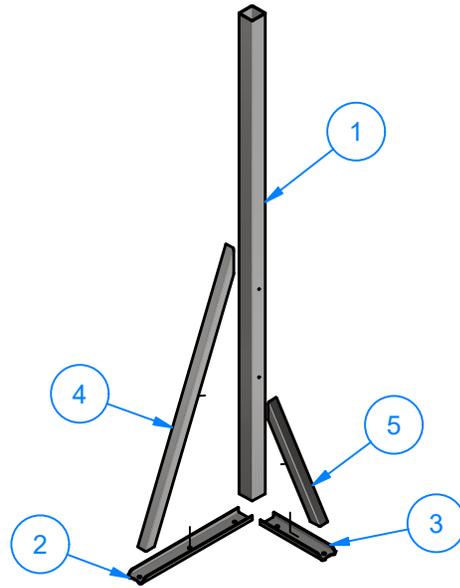
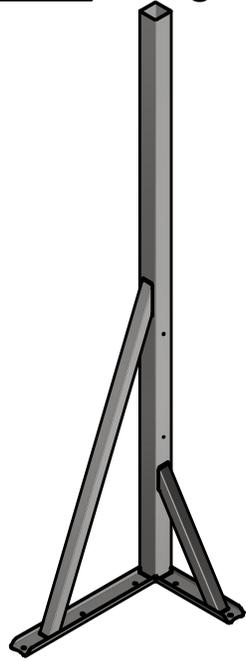
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.

SIZE  
A

EST WEIGHT:

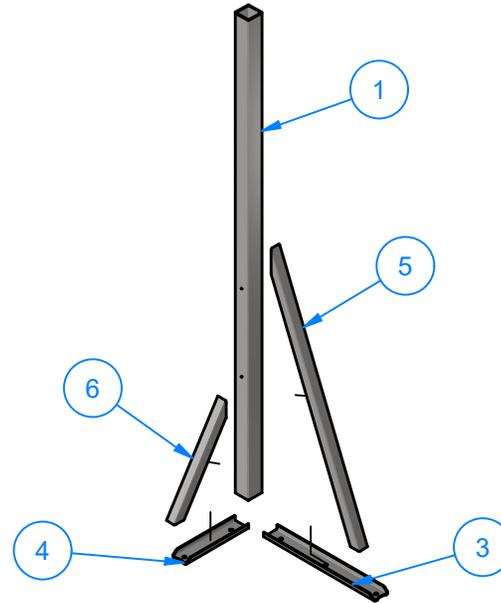
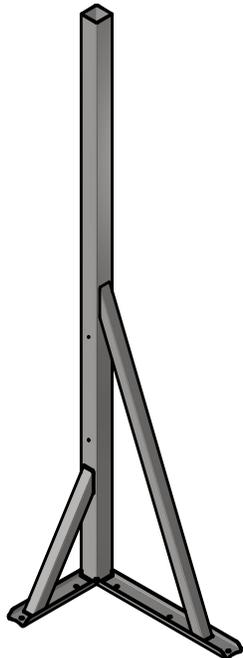
SHEET 15 of 56

# WA1BA - Leg Passenger(Reg)/ Driver(Rev)



Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	WA1AAE	1	Sq. Tubing [7 Gauge] 4" x 120" LG
2	WA1AAA	1	SS Sheet Metal #7Ga 6"x32"
3	WA1AAB	1	SS Sheet Metal #7Ga 6"x17"
4	WA1AAC	1	Sq.Tubing [7 Ga.] 2 1/2" x 68" LG
5	WA1AAD	1	Sq.Tubing [7 Ga.] 2 1/2" x 28" LG

# WA1AA - Leg Driver(Reg)/Passenger(Rev)

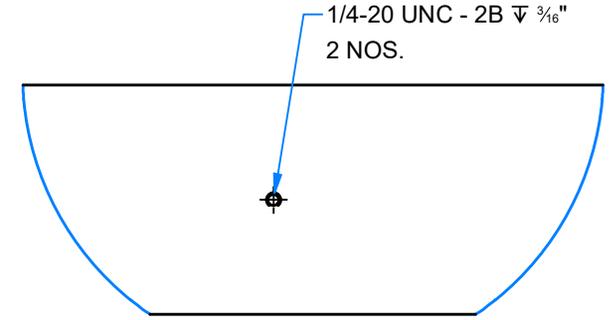
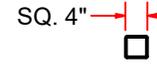
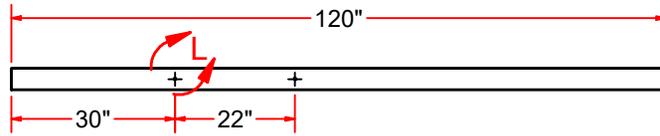
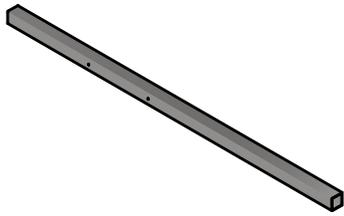


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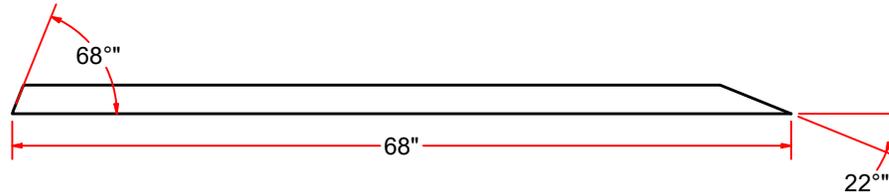
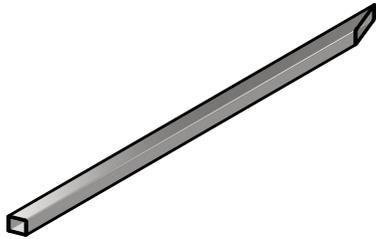
DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Leg Driver(Reg)/Passenger(Rev)	
RELEASE DATE	11/23/2021	PART NUMBER: WA1AA	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 16 of 56

# WA1AAE - Sq. Tubing [7 Gauge] 4" x 120" LG

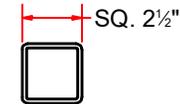
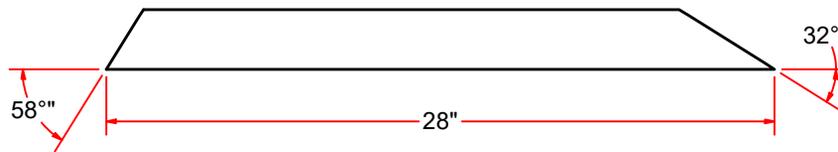
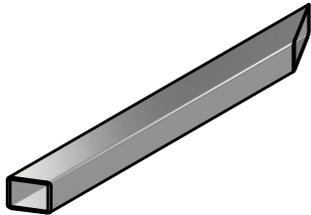


DETAIL L

# WA1AAC - Sq. Tubing [7 Ga.] 2 1/2" x 68" LG



# WA1AAD - Sq. Tubing [7 Ga.] 2 1/2" x 28" LG

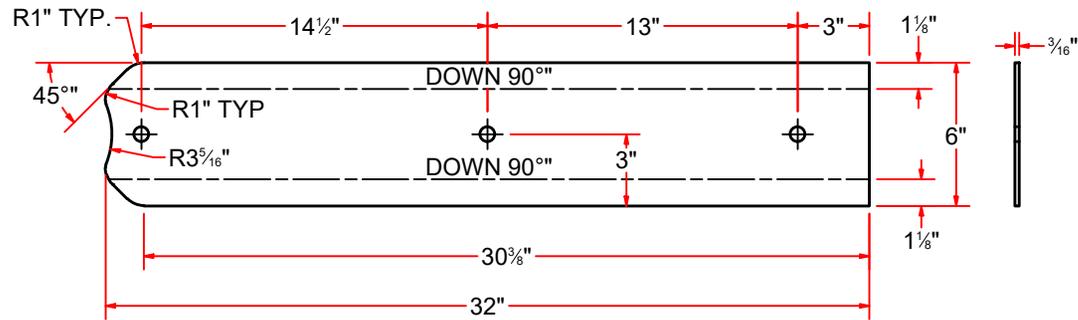
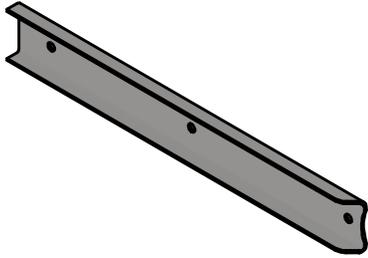


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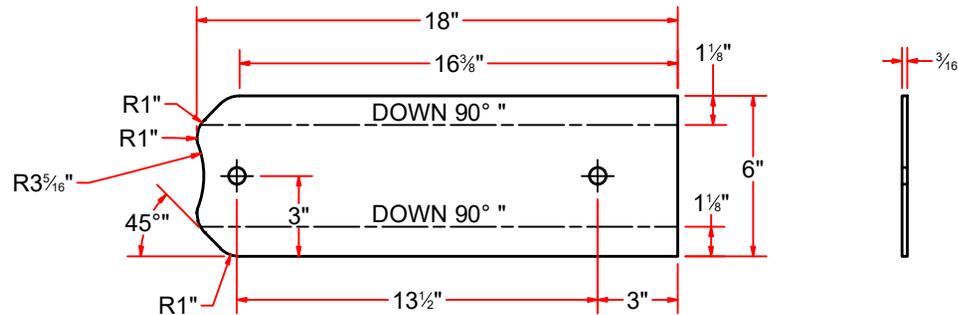
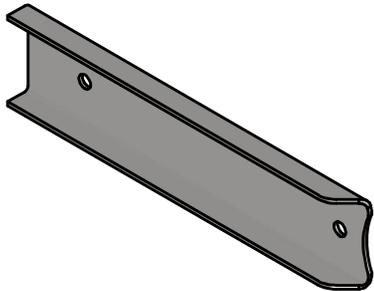
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CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Sq. Tubing [7 Gauge] 4" x 120" LG	
RELEASE DATE	11/23/2021	PART NUMBER: WA1AAE	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 17 of 56

# WA1AAA - SS Sheet Metal #7Ga 6"x32"



# WA1AAB - SS Sheet Metal #7Ga 6"x17"



Flat Pattern

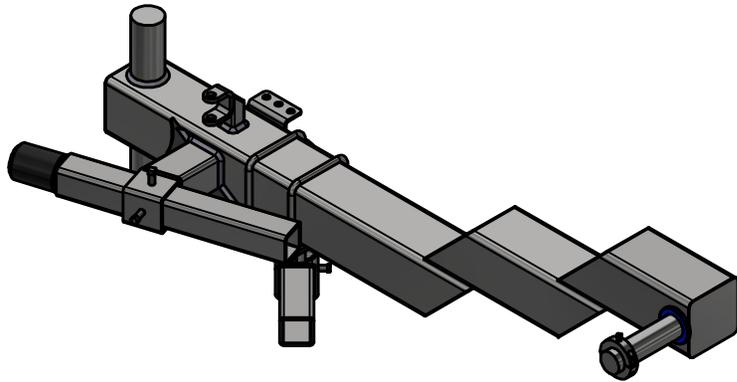


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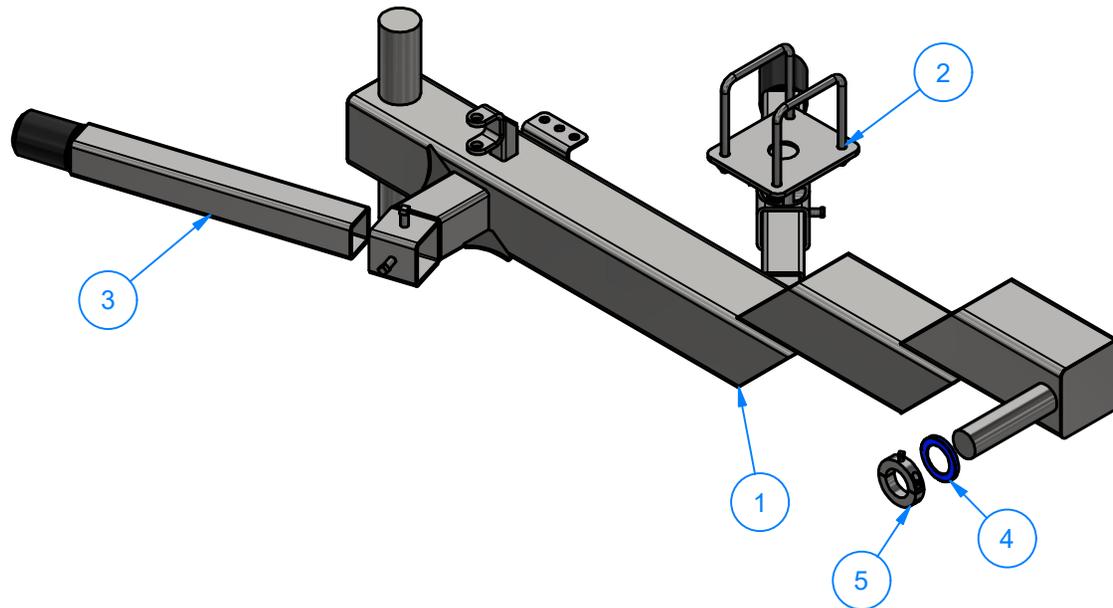
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CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: SS Sheet Metal #7Ga 6"x32"	
RELEASE DATE	11/23/2021	PART NUMBER: WA1AAA	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 18 of 56

# WA1D-EL - Dual Step-Up Wrap Arm (Driver 48") Assembly



Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	WA1DA - EL	1	Dual Step-Up Wrap Arm (Driver) 48" LG
2	WA3DB-2639	1	Adjustable Z Wrap Bumper
3	WA1DB	1	Rubber Bumper Stop Assembly
4	WA1DBB-S	1	Weld Cover UHMW shaft 2 5/16"ODx 1/4"LG
5	WA150SCC	1	1 1/2" ID Split Collar

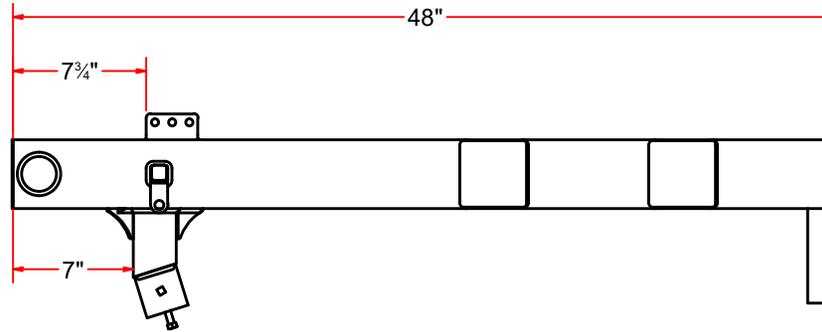
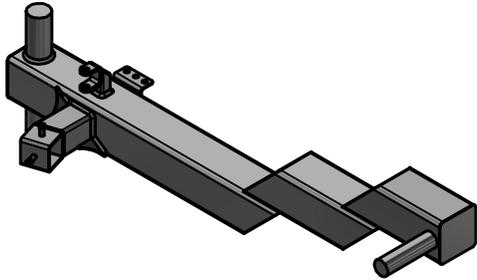


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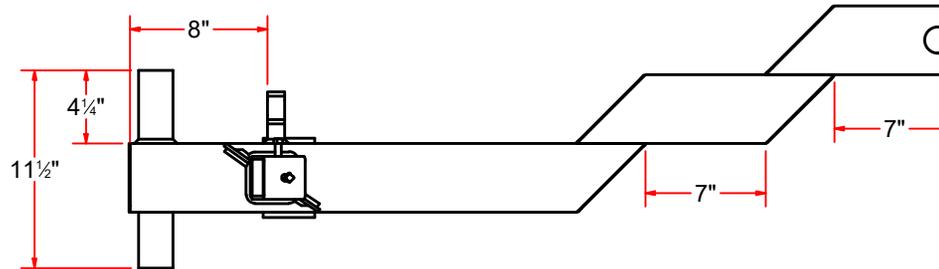
DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Dual Step-Up Wrap Arm (Driver 48") Assembly	
RELEASE DATE	11/23/2021	PART NUMBER: WA1D-EL	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 19 of 56

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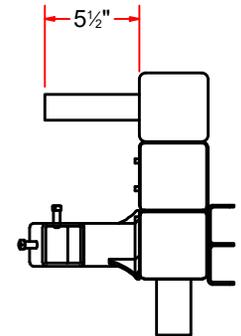
# WA1DA - EL - Dual Step-Up Wrap Arm (Driver) 48" LG



Top



Side



Front



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DRAWN BY

Jibin

CUSTOMER: AVW EQUIPMENT CO.

CHECKED BY

PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive

QTY

DESCRIPTION: Dual Step-Up Wrap Arm (Driver) 48" LG

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RELEASE DATE

11/23/2021

PART NUMBER: WA1DA - EL

REV# 1

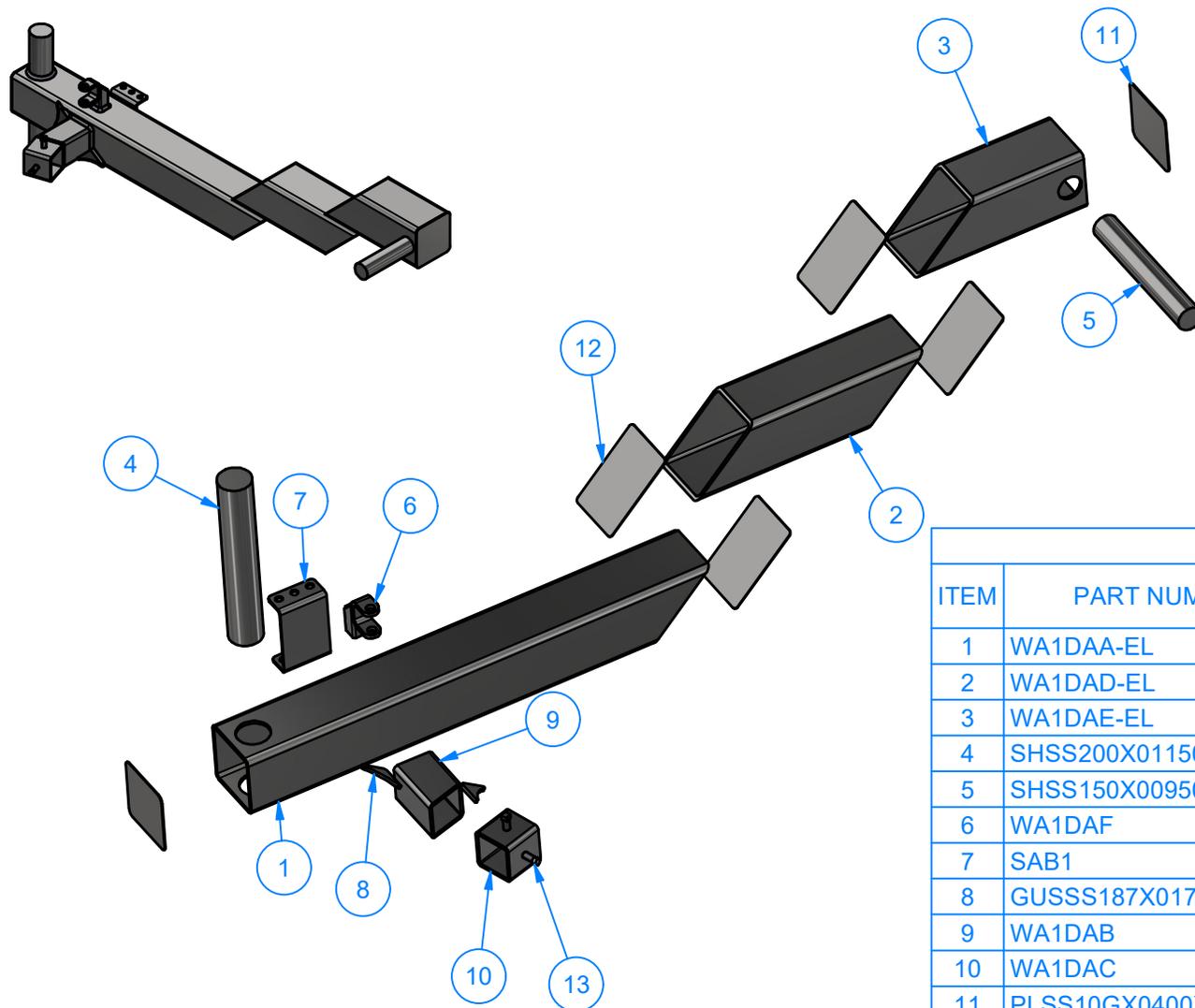
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.

SIZE  
A

EST WEIGHT:

SHEET 20 of 56

# WA1DA - EL - Dual Step-Up Wrap Arm (Driver) 48" LG



Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	WA1DAA-EL	1	Sq. Tube #7Gax 4" x 30"LG
2	WA1DAD-EL	1	Sq. Tube #7Gax 4" x 15"LG
3	WA1DAE-EL	1	Sq. Tube #7Gax 4" x 11"LG
4	SHSS200X01150	1	Round Shaft 2" x 11 1/2"L
5	SHSS150X00950	1	Round Shaft 1 1/2" x 9 1/2"L
6	WA1DAF	1	1/2" Clevis Assembly
7	SAB1	1	Dual Shock Absorber Bracket
8	GUSSS187X0175X0175	2	Gusset #7Ga x 1 3/4 x 1 3/4
9	WA1DAB	1	Sq. Tubing [7 Ga.] 2-1/2" x 4" LG.
10	WA1DAC	1	Sq. Tubing [7 Ga.] 2 1/2" x 2 1/2" LG.
11	PLSS10GX0400X0400X0H	2	Cap - Sheet Metal #10Ga x 4" x 4"
12	PLSS050X0550X0387X0H	4	Sht Mtl #18Gax 5 1/2" x 3 7/8"
13	SQHS3816075	2	Square Bolt - 3/8"-16 x 3/4" L

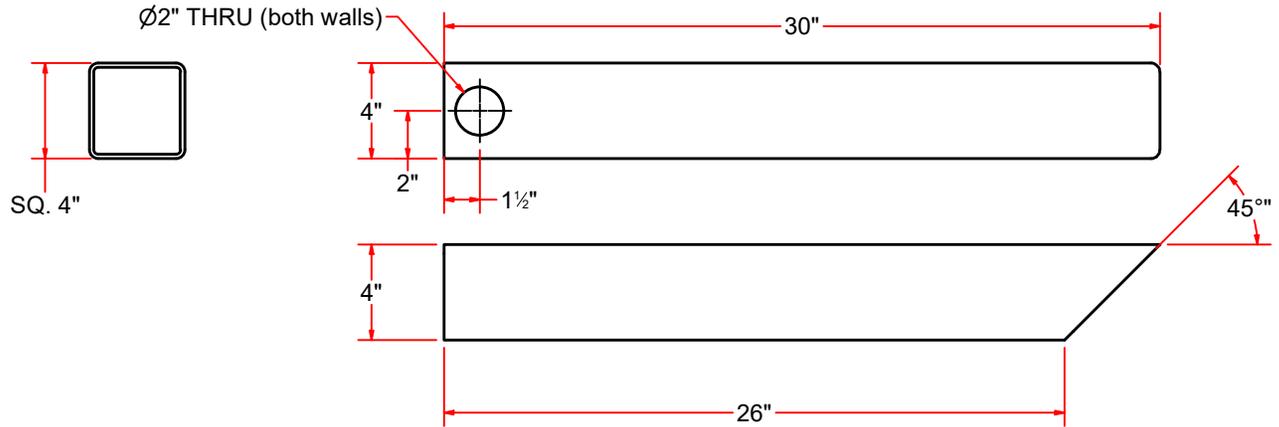
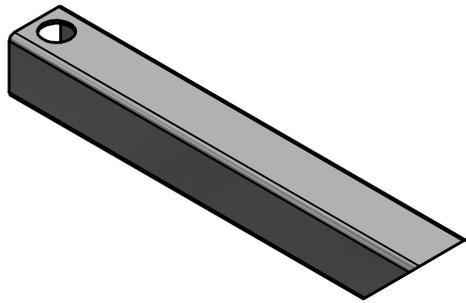


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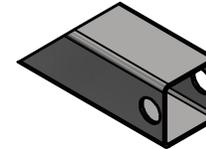
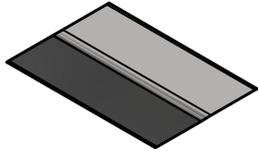
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DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Dual Step-Up Wrap Arm (Driver) 48" LG	
RELEASE DATE	11/23/2021	PART NUMBER: WA1DA - EL	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 21 of 56

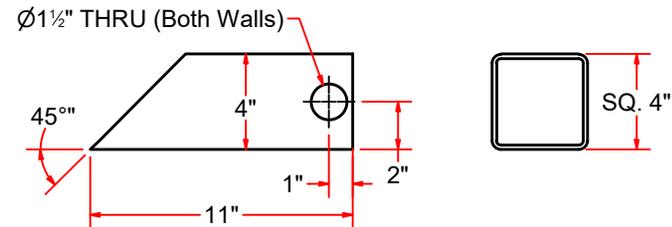
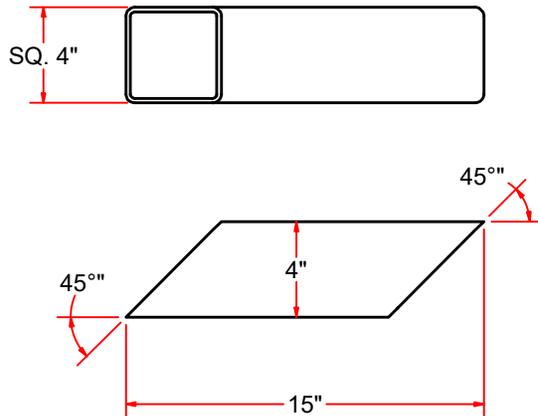
# WA1DAA-EL - Sq. Tube #7Gax 4" x 30"LG



# WA1DAD-EL - Sq. Tube #7Gax 4" x 15"LG



# WA1DAE-EL - Sq. Tube #7Gax 4" x 11"LG

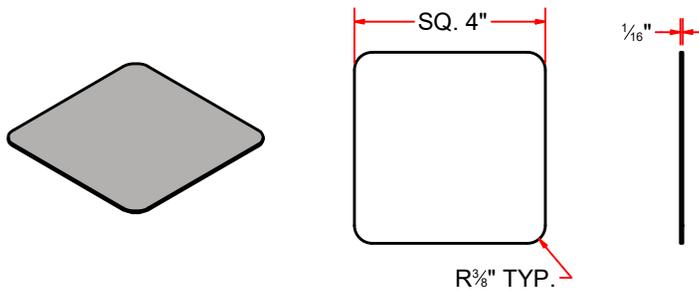


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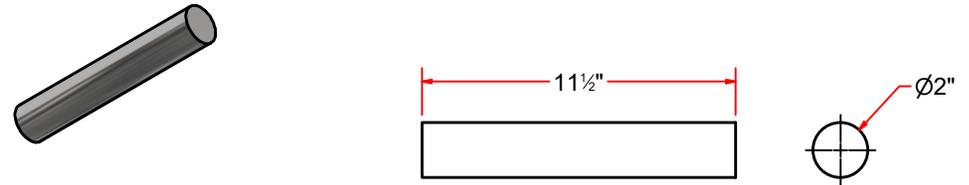
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DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Sq. Tube #7Gax 4" x 30"LG	
RELEASE DATE	11/23/2021	PART NUMBER: WA1DAA-EL	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 22 of 56

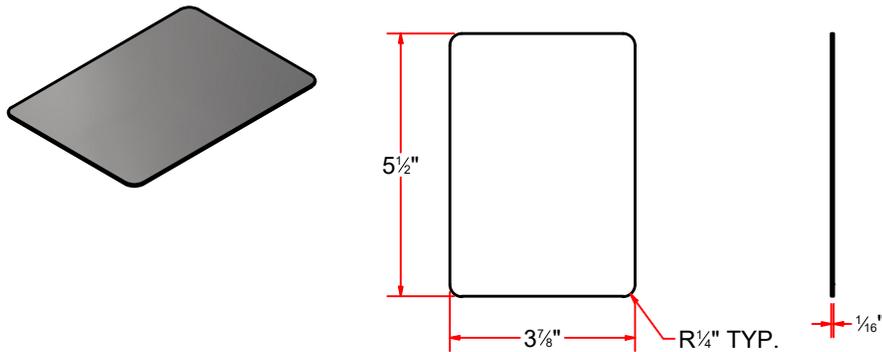
**PLSS10GX0400X0400X0H** - Cap - Sheet Metal #10Ga x 4" x 4"



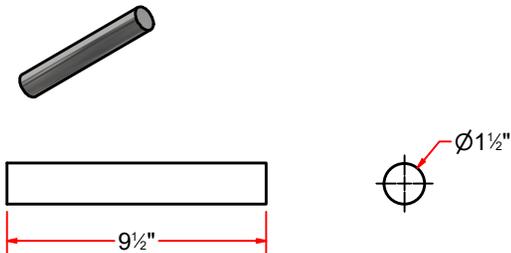
**SHSS200X01150** - Round Shaft 2" x 11 1/2"L



**PLSS050X0550X0387X0H** - Sht Mtl #18Gax 5 1/2"x 3 7/8"



**SHSS150X00950** - Round Shaft 1 1/2" x 9 1/2"L

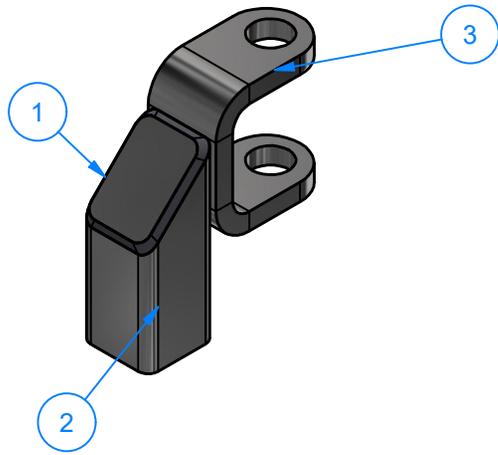


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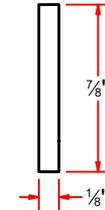
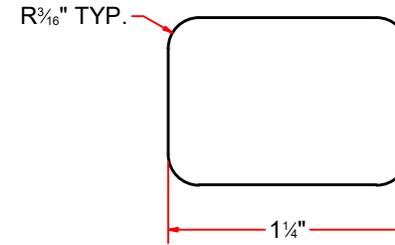
DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Cap - Sheet Metal #10Ga x 4" x 4"	
RELEASE DATE	11/23/2021	PART NUMBER: PLSS10GX0400X0400X0H	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 23 of 56

# WA1DAF - 1/2" Clevis Assembly

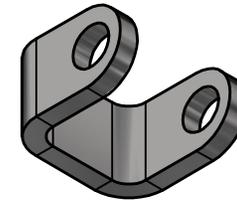


Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	PLSS105X0088X0125X0H	1	Steel Plate #12Gax7/8"x1 1/4"
2	WA1DAFA	1	Sq. Tubing #11Gax 1" x 2 1/2" LG.
3	WA1DAFB	1	Air Cylinder Mounting Plate #1/4" x 1" x4 1/2"

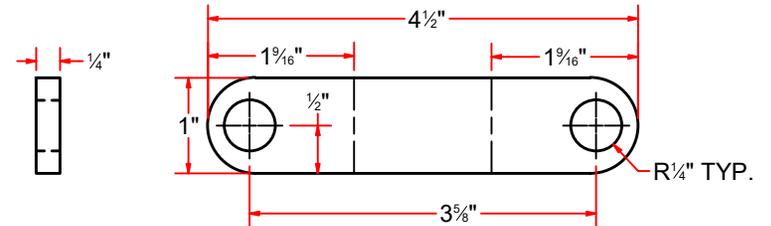
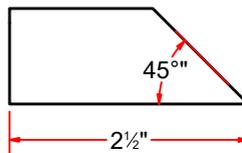
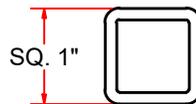
## PLSS105X0088X0125X0H - Steel Plate #12Gax7/8"x1 1/4"



## WA1DAFB - Air Cylinder Mounting Plate #1/4" x 1" x4 1/2"



## WA1DAFA - Sq. Tubing #11Gax 1" x 2 1/2" LG.

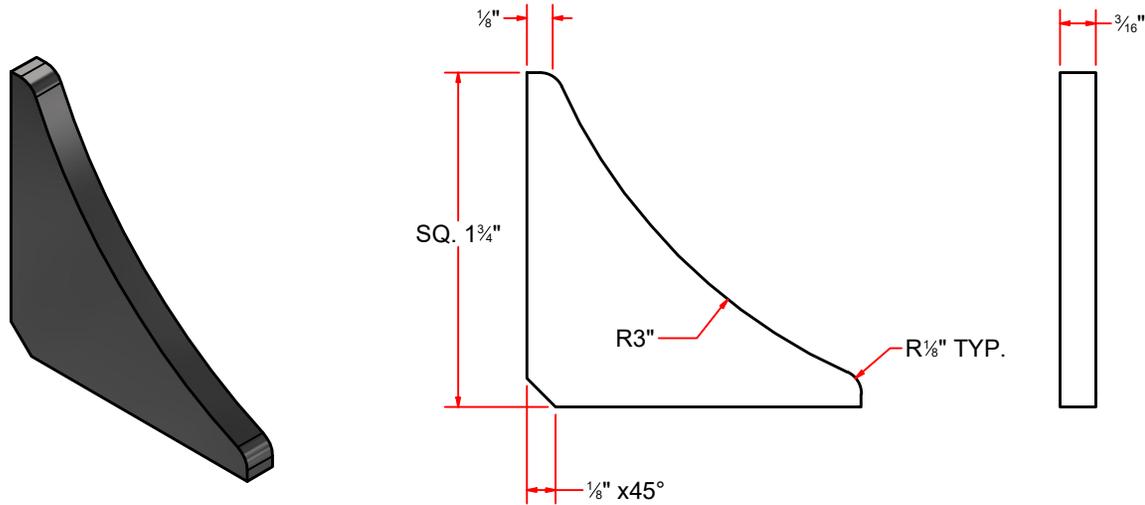


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DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: 1/2" Clevis Assembly	
RELEASE DATE	11/23/2021	PART NUMBER: WA1DAF	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 24 of 56

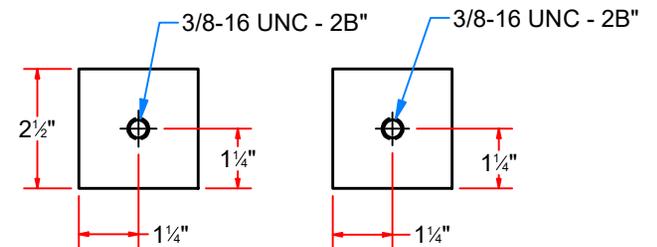
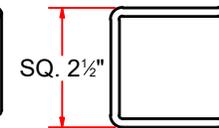
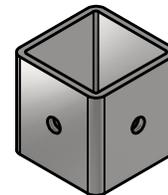
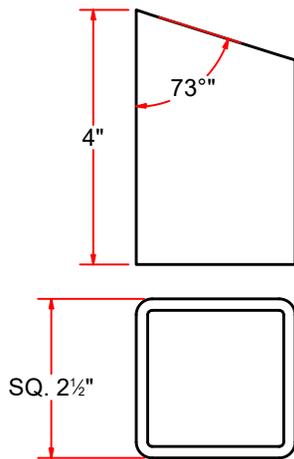
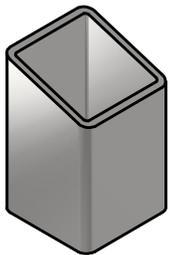
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# GUSSS187X0175X0175 - Gusset #7Ga x 1 3/4 x 1 3/4



## WA1DAC - Sq.Tubing [7 Ga.] 2 1/2" x 2 1/2" LG.

## WA1DAB - Sq.Tubing [7 Ga.] 2-1/2" x 4" LG.

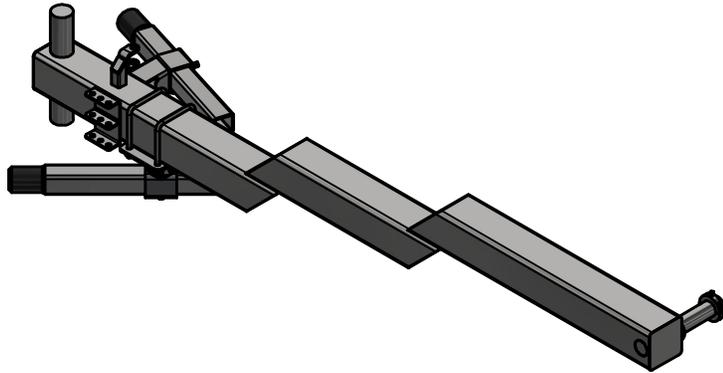


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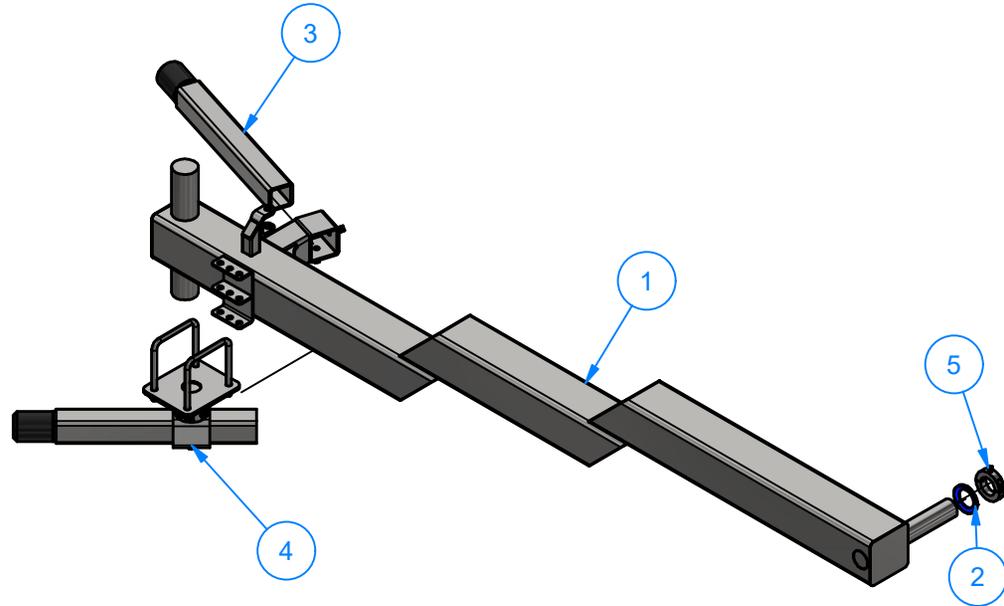
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CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Sq.Tubing [7 Ga.] 2-1/2" x 4" LG.	
RELEASE DATE	11/23/2021	PART NUMBER: WA1DAB	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:  SHEET 25 of 56

# WA1E-EL - Dual Step-Up Wrap Arm Assembly (Passenger Side 76")



Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	WA1EA-EL	1	Dual Step-Up Wrap Arm (Passenger) 76" LG
2	WA1DBB-S	1	Weld Cover UHMW shaft 2 5/16"ODx 1/4"LG
3	WA1DB	1	Rubber Bumper Stop Assembly
4	WA3DB-2639	1	Adjustable Z Wrap Bumper
5	WA150SCC	1	1 1/2" ID Split Collar



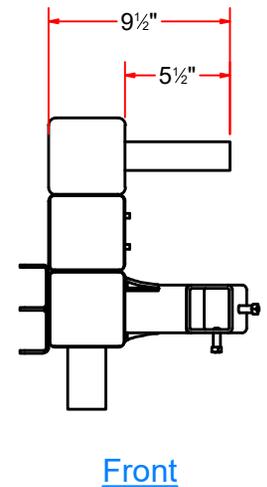
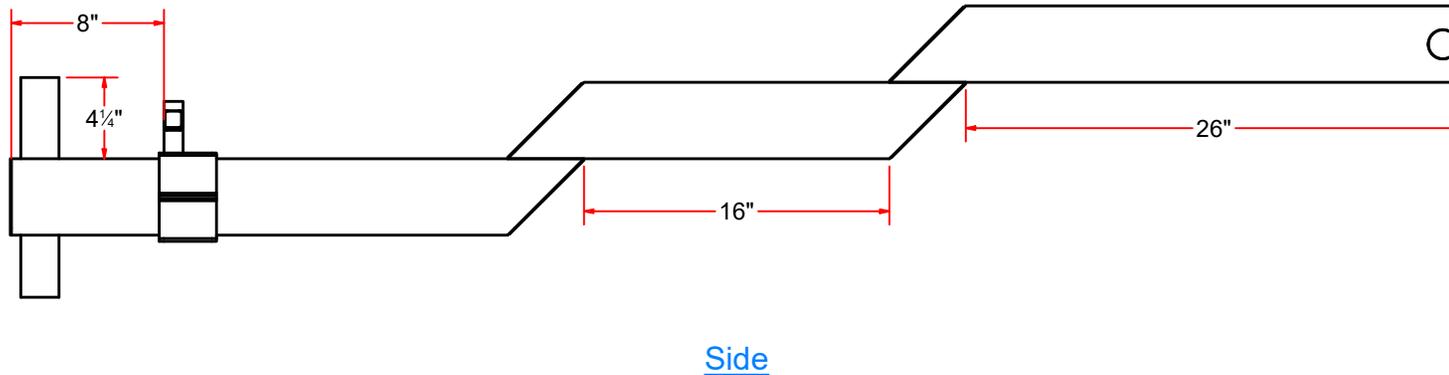
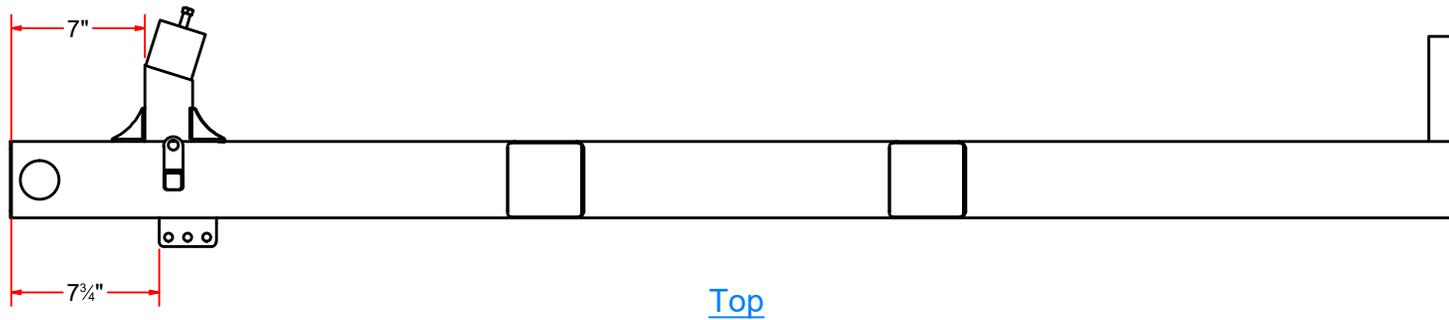
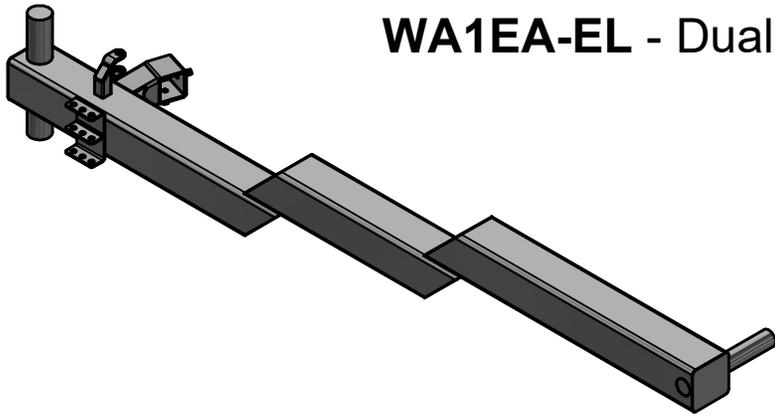
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DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Dual Step-Up Wrap Arm Assembly (Passenger Side 76")	

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RELEASE DATE	11/23/2021	PART NUMBER: WA1E-EL	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 26 of 56

# WA1EA-EL - Dual Step-Up Wrap Arm (Passenger) 76" LG

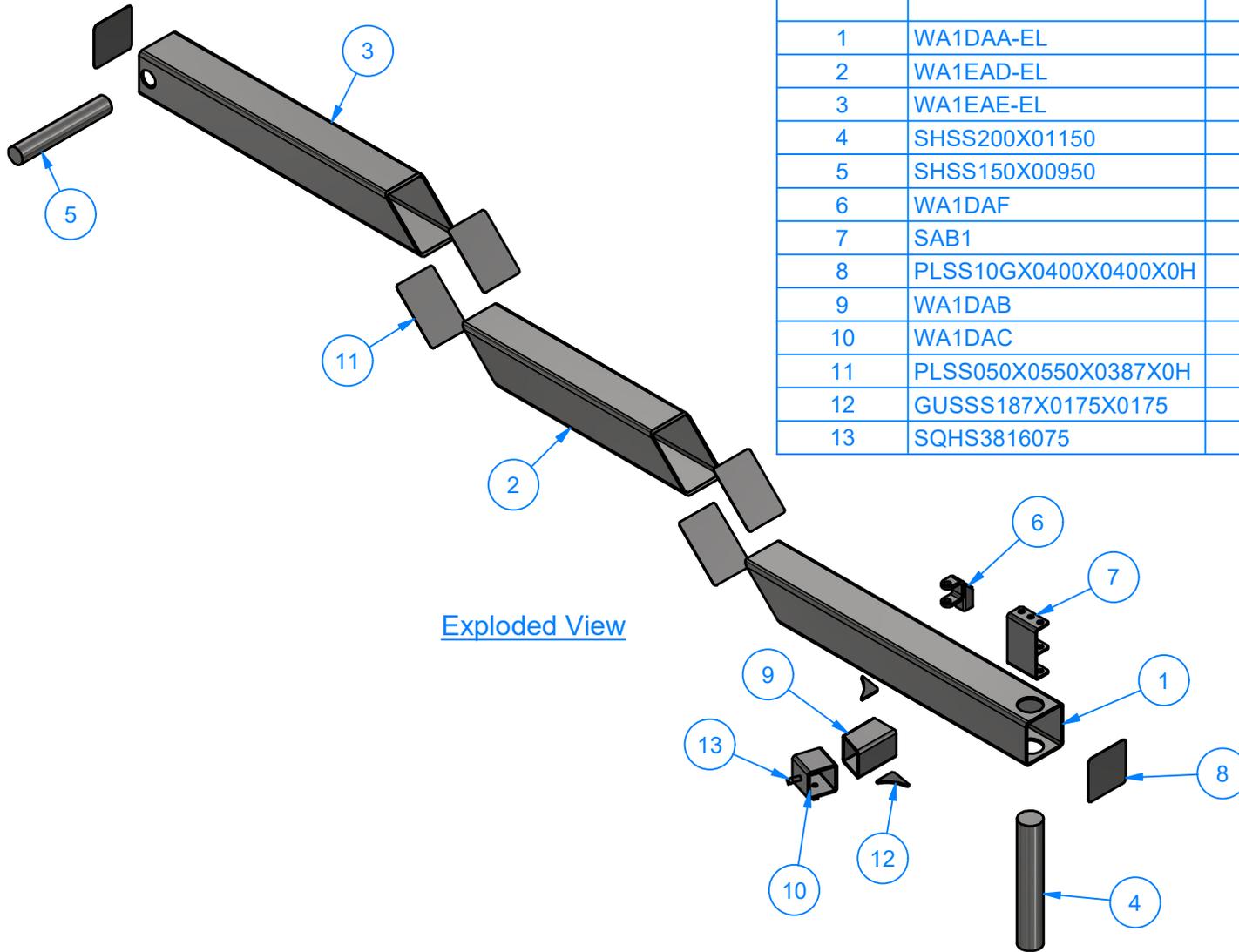


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CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Dual Step-Up Wrap Arm (Passenger) 76" LG	
RELEASE DATE	11/23/2021	PART NUMBER: WA1EA-EL	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 27 of 56

# WA1EA-EL - Dual Step-Up Wrap Arm (Passenger) 76" LG



Exploded View

Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	WA1DAA-EL	1	Sq. Tube #7Gax 4" x 30"LG
2	WA1EAD-EL	1	Sq. Tube #7Gax 4" x 24"LG
3	WA1EAE-EL	1	Sq. Tube #7Gax 4" x 30"LG
4	SHSS200X01150	1	Round Shaft 2" x 11 1/2"L
5	SHSS150X00950	1	Round Shaft 1 1/2" x 9 1/2"L
6	WA1DAF	1	1/2" Clevis Assembly
7	SAB1	1	Dual Shock Absorber Bracket
8	PLSS10GX0400X0400X0H	2	Cap - Sheet Metal #10Ga x 4" x 4"
9	WA1DAB	1	Sq. Tubing [7 Ga.] 2-1/2" x 4" LG.
10	WA1DAC	1	Sq. Tubing [7 Ga.] 2 1/2" x 2 1/2" LG.
11	PLSS050X0550X0387X0H	4	Sht Mtl #18Gax 5 1/2"x 3 7/8"
12	GUSSS187X0175X0175	2	Gusset #7Ga x 1 3/4 x 1 3/4
13	SQHS3816075	2	Square Bolt - 3/8"-16 x 3/4" L

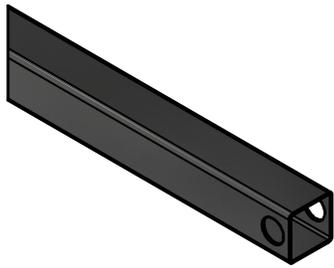


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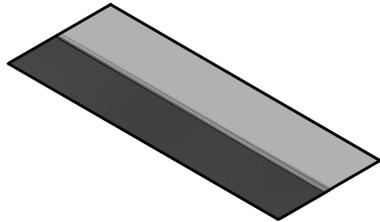
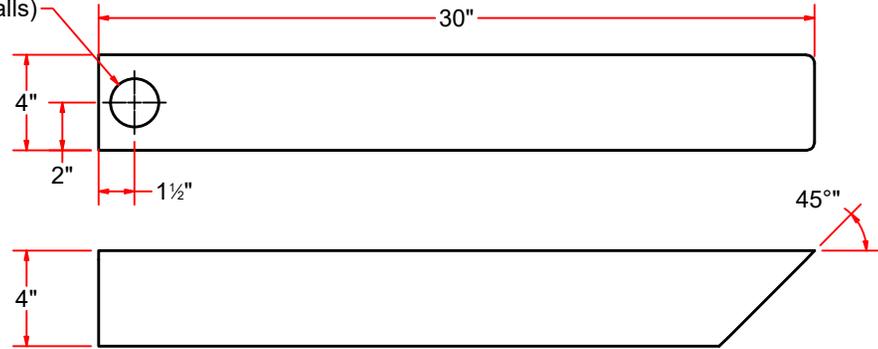
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CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Dual Step-Up Wrap Arm (Passenger) 76" LG	
RELEASE DATE	11/23/2021	PART NUMBER: WA1EA-EL	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 28 of 56

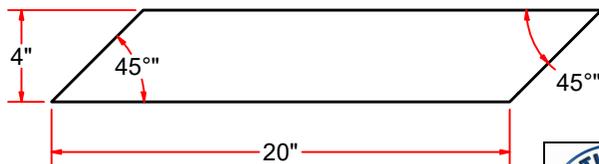
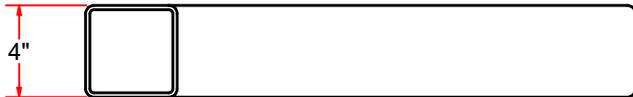
# WA1DAA-EL - Sq. Tube #7Gax 4" x 30"LG



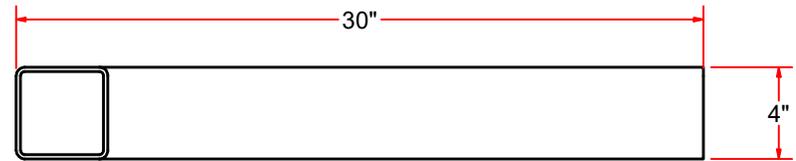
Ø2" THRU (both walls)



# WA1EAD-EL - Sq. Tube #7Gax 4" x 24"LG



# WA1EAE-EL - Sq. Tube #7Gax 4" x 30"LG



Ø1½" THRU (both walls)



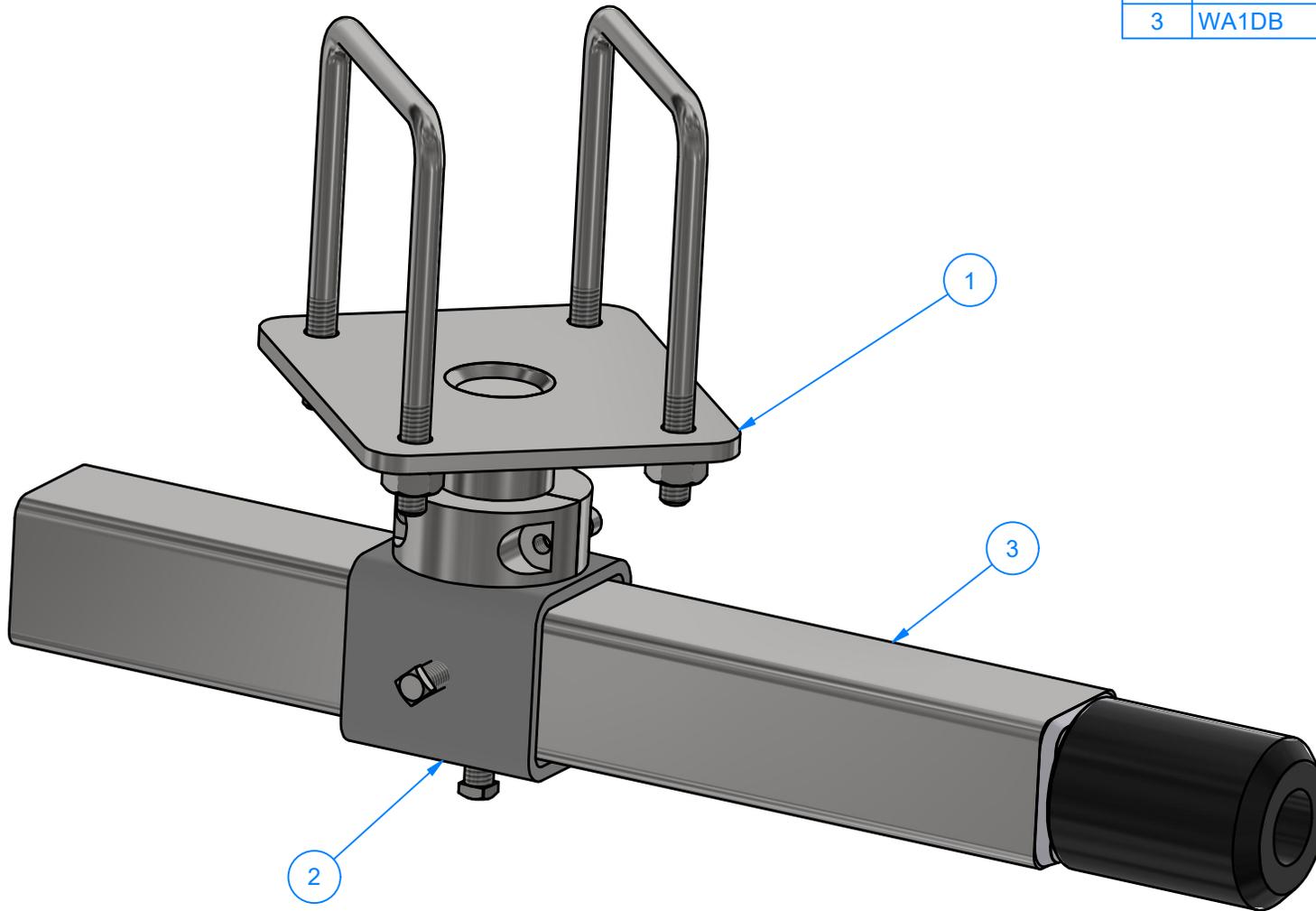
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CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Sq. Tube #7Gax 4" x 30"LG	
RELEASE DATE	11/23/2021	PART NUMBER: WA1DAA-EL	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 29 of 56

# WA3DB-2639 - Adjustable Z Wrap Bumper

Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	WA3DBA-2639	1	Adjustable Plate Assembly
2	WA3DBB-2639	1	Adjustable Sleeve Assembly
3	WA1DB	1	Rubber Bumper Stop Assembly



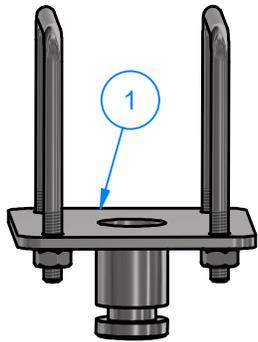
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DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Adjustable Z Wrap Bumper	
RELEASE DATE	11/23/2021	PART NUMBER: WA3DB-2639	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 30 of 56

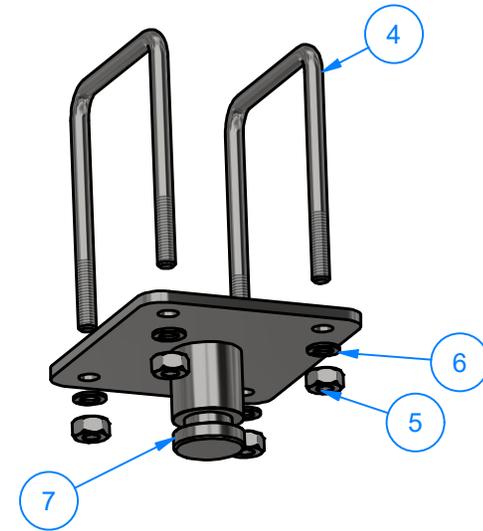
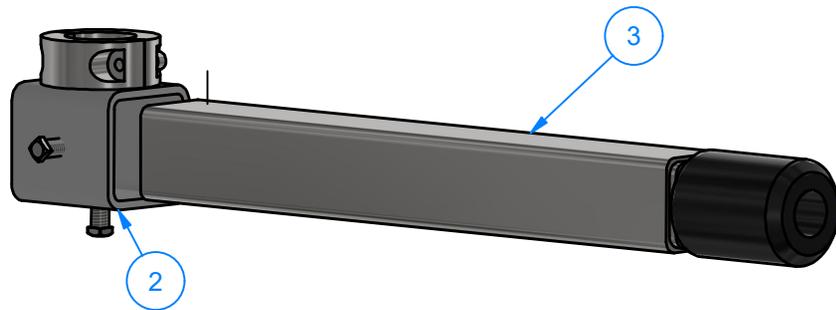
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# WA3DB-2639 - Adjustable Z Wrap Bumper

# WA3DBA-2639 - Adjustable Plate Assembly

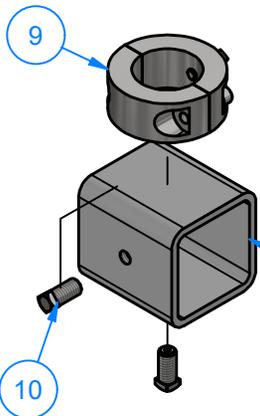


Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	WA3DBA-2639	1	Adjustable Plate Assembly
2	WA3DBB-2639	1	Adjustable Sleeve Assembly
3	WA1DB	1	Rubber Bumper Stop Assembly



Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
4	UB-SQ0375X1400	2	Square U Bolt D 3/8" x 4" x 5" LG
5	HN3816	4	3/8"-16 18-8ss Heavy Hex Nut
6	SLW38	4	3/8" Split Lock Washer
7	WA3DBAA-2639	1	Plate and Shaft Weld Assembly

# WA3DBB-2639 - Adjustable Sleeve Assembly



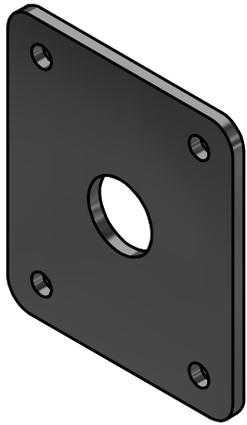
Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
8	WA3DBBA-2639	1	Sq. Tubing #7Gax 2 1/2" x 2 3/4" LG.
9	SCLRSS150X250X100	1	1 1/2" ID Split Collar
10	SQHS3816075	2	Square Head Screw 3/8"-16 x 3/4" LG SS



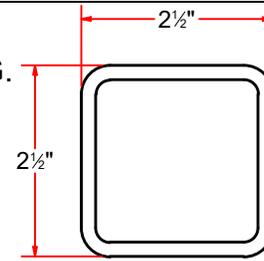
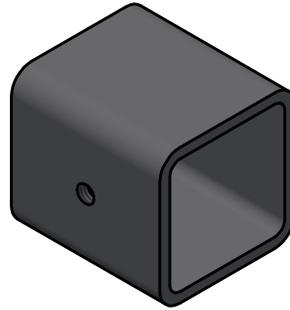
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DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Adjustable Z Wrap Bumper	
RELEASE DATE	11/23/2021	PART NUMBER: WA3DB-2639	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 31 of 56

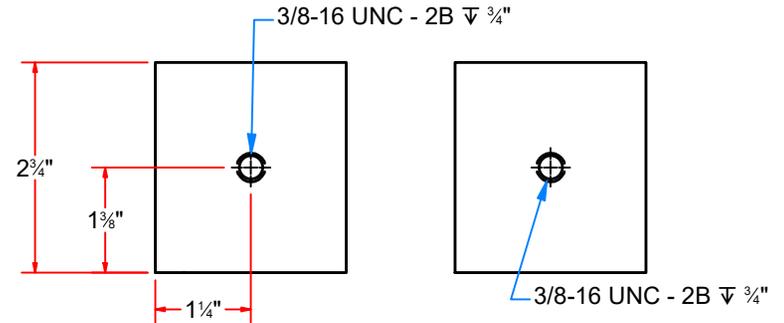
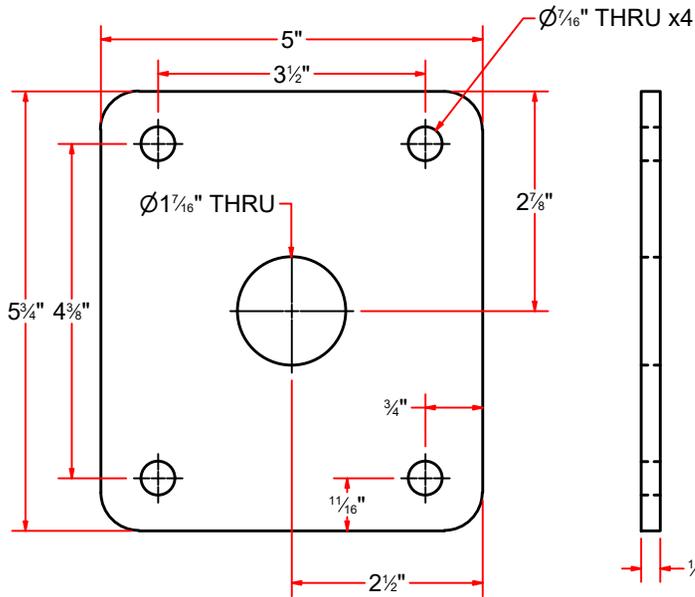
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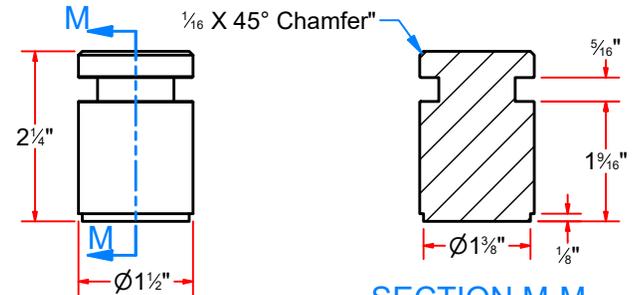
**WA3DBBA-2639** - Sq.Tubing #7Gax 2 1/2" x 2 3/4" LG.



**WA3DBAAA-2639** - Plate #1/4" x 5 3/4" x 5"



**WA3DBAAB-2639** - Pivot Shaft 1 1/2" ODx 2 1/4 LG.



**SECTION M-M**

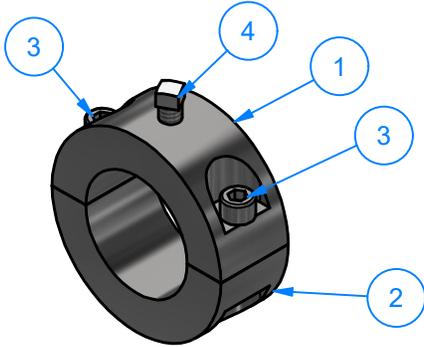


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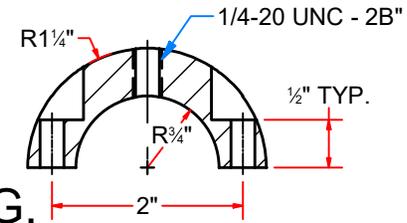
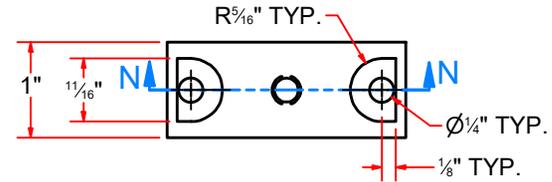
DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Plate #1/4" x 5 3/4" x 5"	
RELEASE DATE	11/23/2021	PART NUMBER: WA3DBAAA-2639	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:  SHEET 32 of 56

# SCLRSS150X250X100 - 1 1/2" ID Split Collar



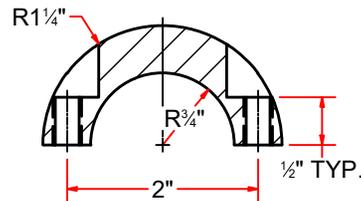
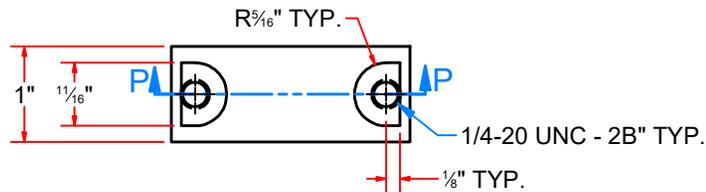
Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	SCLRSS150X250X100-A	1	SS Shaft 2 1/2"ODx 1 1/2"IDx 1"LG.
2	SCLRSS150X250X100-B	1	SS Shaft 2 1/2"ODx 1 1/2"IDx 1"LG.
3	SHCS1420075	2	1/4"-20 x 3/4" L SS Socket Head Cap Screw
4	SQHS1420075	1	Square Bolt 1/4"-20 x 3/4"

## SCLRSS150X250X100-A - SS Shaft 2 1/2"ODx 1 1/2"IDx 1"LG.



SECTION N-N  
SCALE 1 / 2

## SCLRSS150X250X100-B - SS Shaft 2 1/2"ODx 1 1/2"IDx 1"LG.



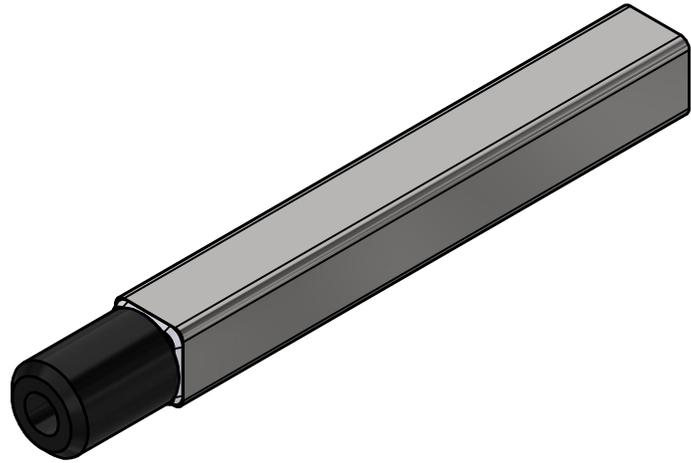
SECTION P-P  
SCALE 1 / 2



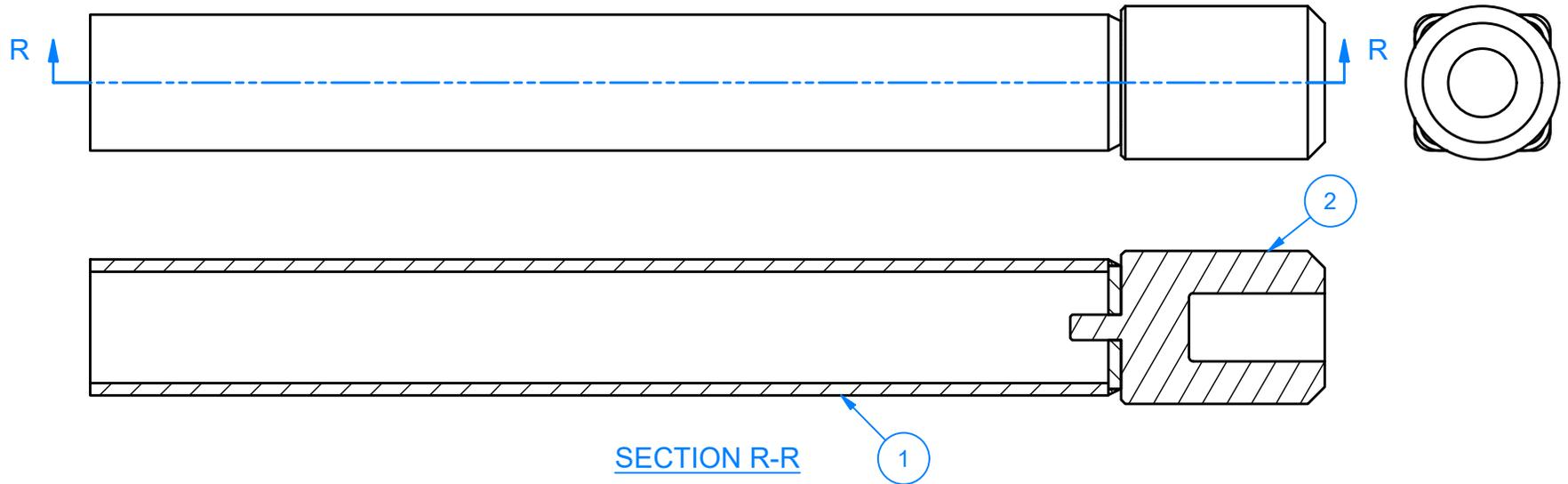
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DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: 1 1/2" ID Split Collar	
RELEASE DATE	11/23/2021	PART NUMBER: SCLRSS150X250X100	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 33 of 56

# WA1DB - Rubber Bumper Stop Assembly



Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	WA1DBA	1	Bumber Stop Arm Weld Assy
2	WA1DBB-0521	1	Rubber Bumper,3" Long



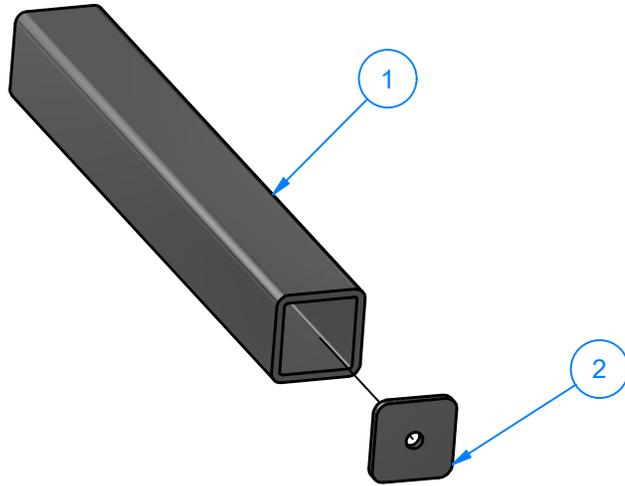
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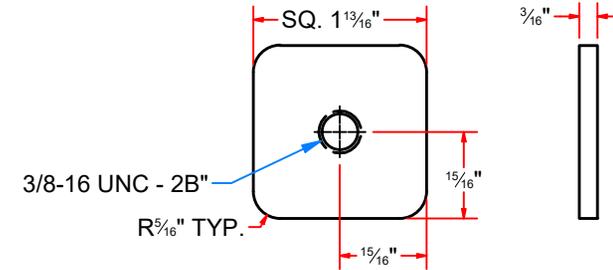
DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Rubber Bumper Stop Assembly	
RELEASE DATE	11/23/2021	PART NUMBER: WA1DB	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 34 of 56

# WA1DBA - Bumber Stop Arm Weld Assy

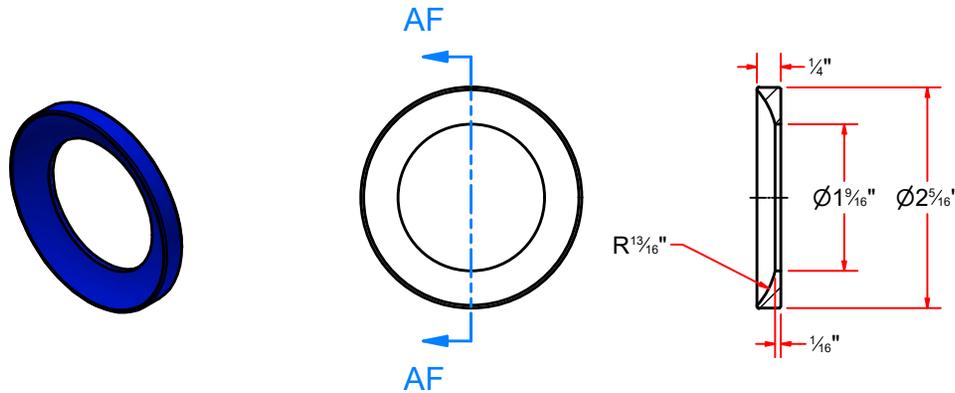
Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	SQTSS07GX200X01500	1	Sq. Tube #7Gax 2" x 15"L
2	PLSS187X0200X1500X1H	1	Plate #3/16" x 1-7/8" x 1-7/8"



## PLSS187X0200X1500X1H - Plate #3/16" x 1-7/8" x 1-7/8"



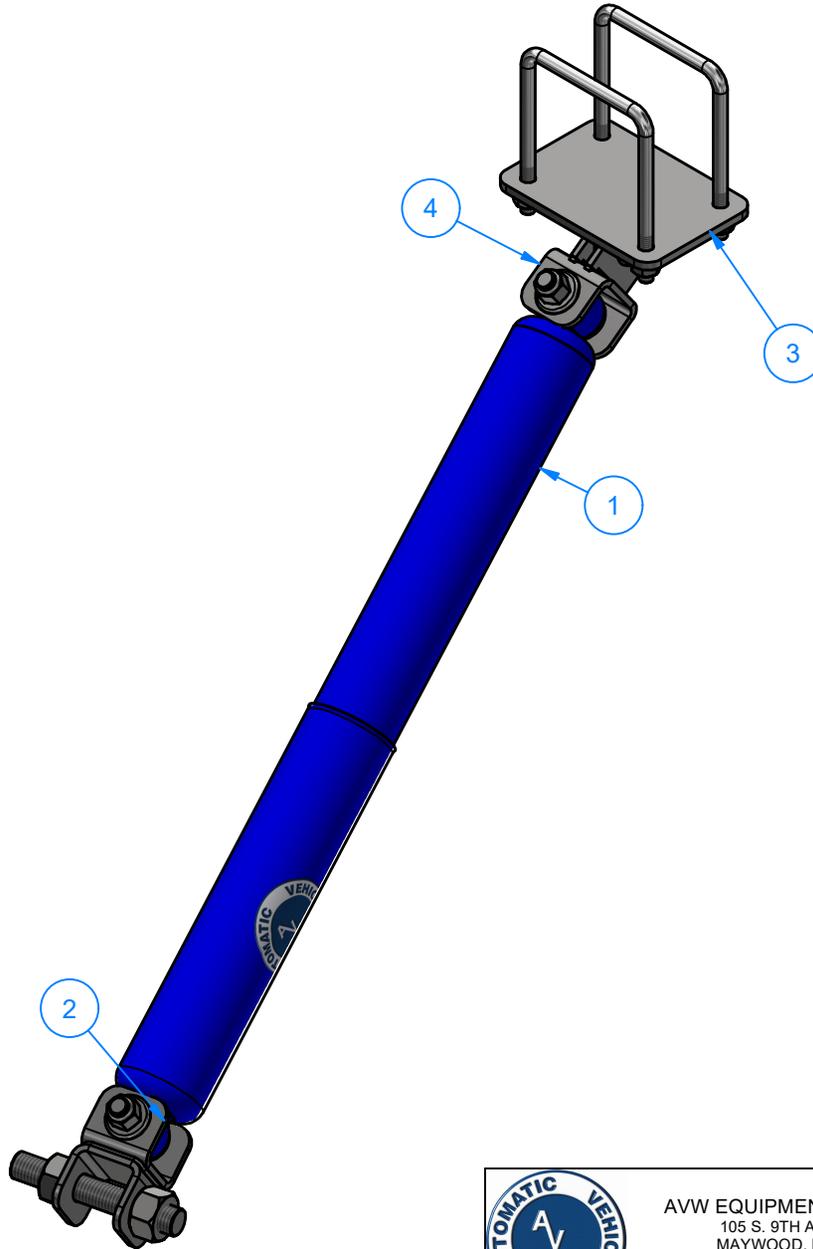
# WA1DBB-S - Weld Cover UHMW shaft 2 5/16"ODx 1/4"LG



SECTION AF-AF  
SCALE 1 / 2

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	CHECKED BY:	PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	QTY:	DESCRIPTION: Plate #3/16" x 1-7/8" x 1-7/8"
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DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE: A	EST WEIGHT:	SHEET 35 of 56
PATH:L:\Libraries\Productivity\Assembly Arms\Wrap Arms\Parts\ZWAAB002.ipt				

# WA2F-0318 - Wrap Stabilizer Kit (OPTIONAL)



Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	WA2FA	1	Shock Absorber W/ UHMW 1/2" ID
2	WA2FB-0318	1	Wrap Stabilizer Front Mount
3	WA2FD	1	Wrap stabilizer rear bracket mount
4	WA2FC	1	Wrap Stabilizer Rear Mount Clevis Assembly

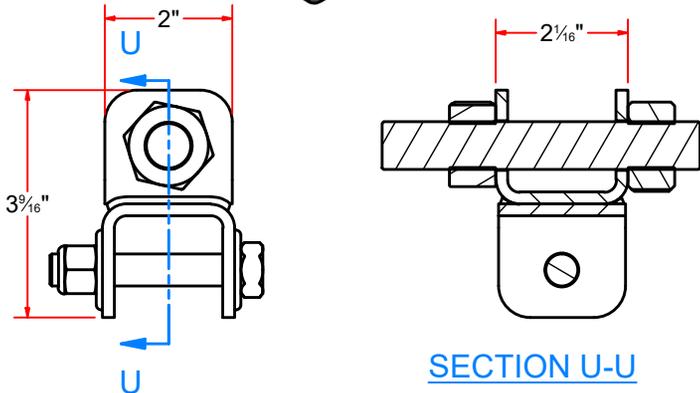
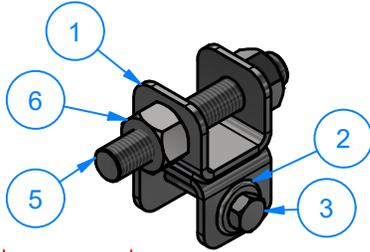


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DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Wrap Stabilizer Kit (OPTIONAL)	
RELEASE DATE	11/23/2021	PART NUMBER: WA2F-0318	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 36 of 56

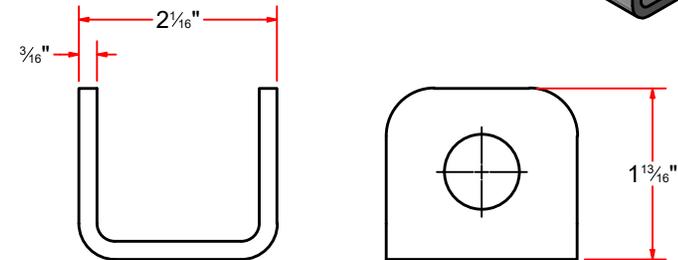
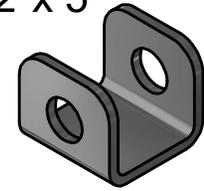
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# WA2FB-0318 - Wrap Stabilizer Front Mount

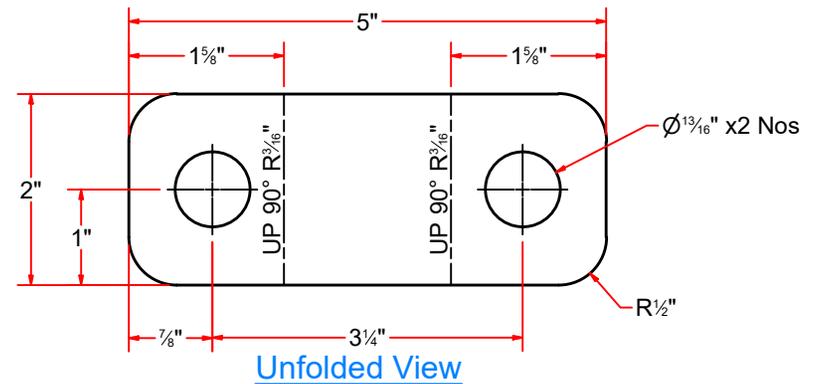
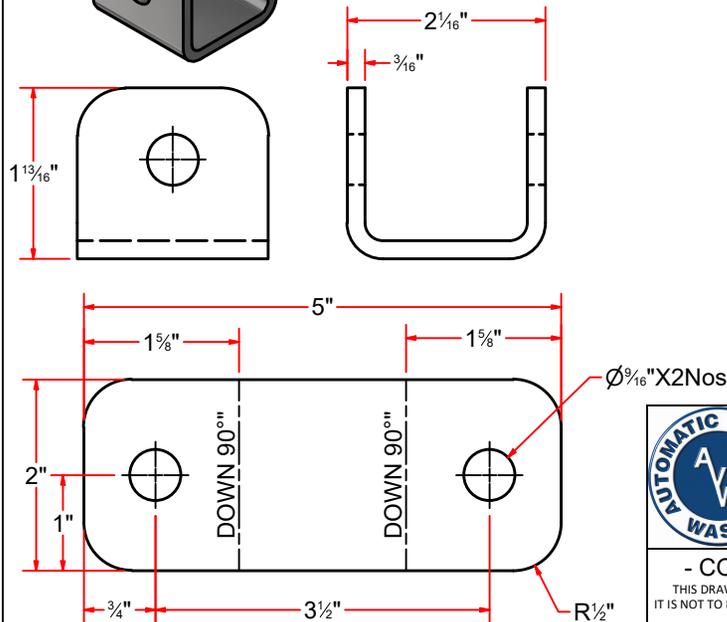
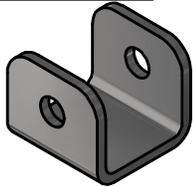


Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	WA2FBA	1	Wrap Stabilizer Front Mount - Weldment
2	FW12	2	1/2" Flat Washer
3	HHCS1213300	1	1/2"-13 x 3" L Hex Screw
4	NLN1213	1	1/2"-13 Nylon Lock Nut
5	WA2FBB1	1	Threaded Rod 3/4" -10 x 5" LG
6	HN3410	2	3/4"-10 HEX NUT

## WA2FBAA - SS Plate #3/16"x 2"x 5"



## WA2FBAB - SS Plate #3/16"x 2"x 5"L



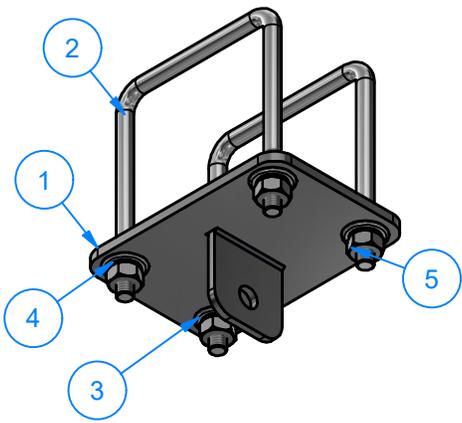
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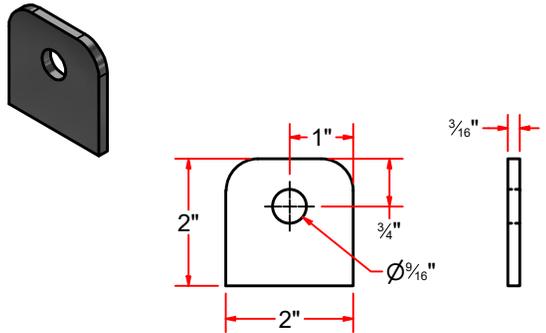
DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Wrap Stabilizer Front Mount	
RELEASE DATE	11/23/2021	PART NUMBER: WA2FB-0318	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 37 of 56

Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	WA2FDA	1	Stabilizer Rear Bracket Weldment
2	UB - SQ0375X1400	2	Square U Bolt D 3/8" x 4" x 5" LG, 14" LG Total
3	FW38	4	3/8" Flat Washer
4	SLW38	4	3/8" Split Lock Washer
5	HN3816	4	3/8"-16 18-8ss Heavy Hex Nut

**WA2FD - Wrap stabilizer rear bracket mount**

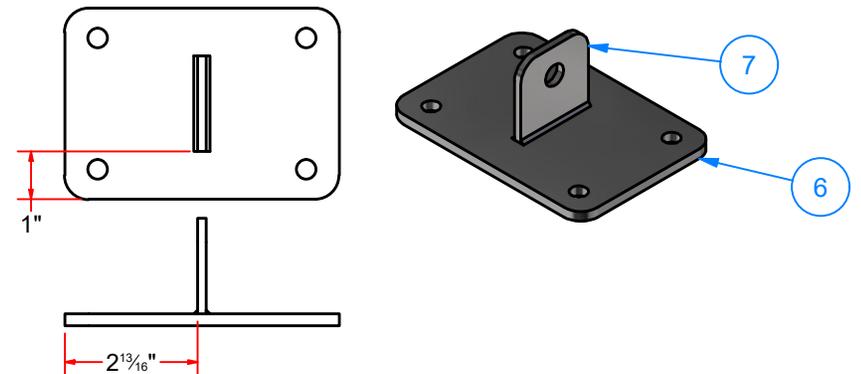


**WA2FCAA - SS Plate #3/16"x 2" x 2" LG**

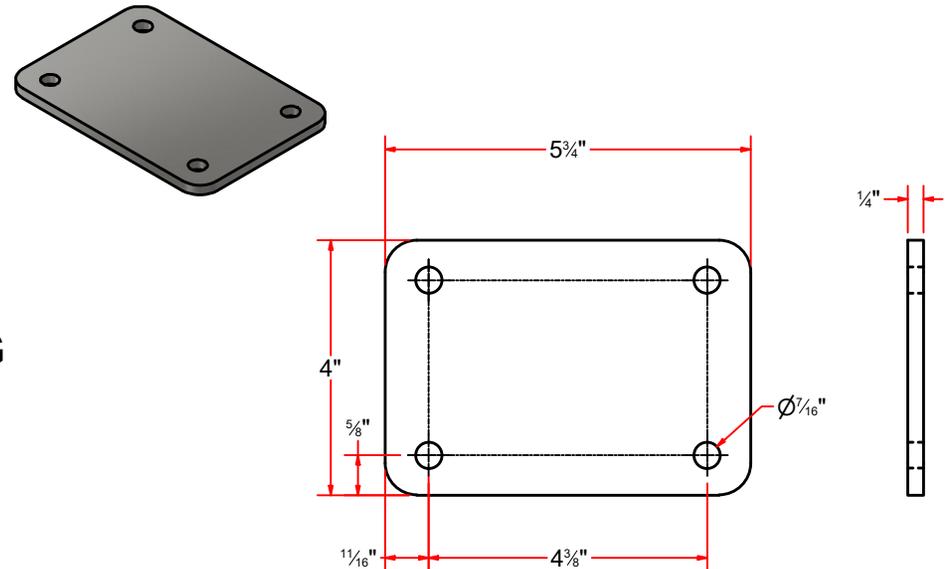


Parts List		
ITEM	QTY	DESCRIPTION
6	1	SS Plate #1/4"x 4" x 5 3/4" LG
7	1	SS Plate #3/16"x 2" x 2" LG

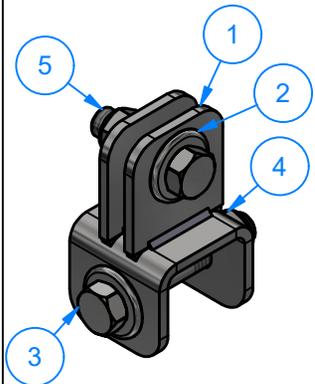
**WA2FDA - Stabilizer Rear Bracket Weldment**



**WA2FDAA - SS Plate #1/4"x 4" x 5 3/4" LG**



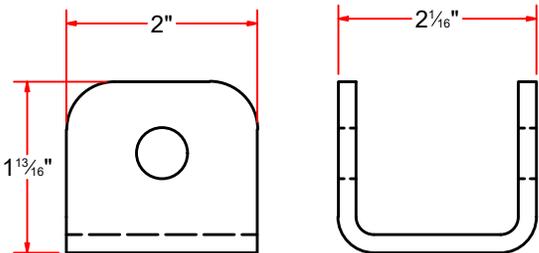
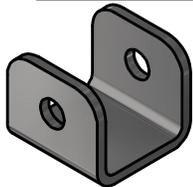
	<b>AVW EQUIPMENT CO., INC.</b> 105 S. 9TH AVENUE MAYWOOD, IL 60153 Tel: 708-343-7738 Fax: 708-343-9065 WWW.AVWEQUIPMENT.COM		DRAWN BY: Jibin		CUSTOMER: AVW EQUIPMENT CO.	
	CHECKED BY:		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive		DESCRIPTION: Wrap stabilizer rear bracket mount	
	QTY:		RELEASE DATE: 11/23/2021		PART NUMBER: WA2FD	
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PATH:L:\Libraries\Productivity\Assembly Arms\Wrap Arms\Parts\WA2FD-0318_Wrap Stabilizer Rear Bracket Mount\WA2FD-0318.iam			SIZE: A		REV# 1 SHEET 38 of 56	



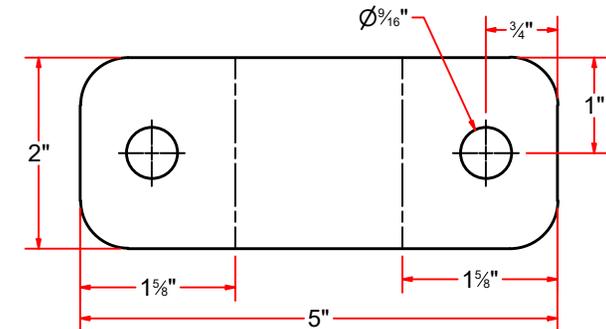
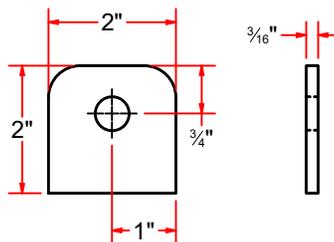
Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	WA2FCA	1	WRAP STABILIZER REAR MOUNT
2	FW12	4	1/2" Flat Washer
3	HHCS1213300	1	1/2"-13 x 3" L Hex Screw
4	NLN1213	2	1/2"-13 Nylon Lock Nut
5	HHCS1213175	1	1/2"-13 x 1 3/4" L Hex Screw

**WA2FC** - Wrap Stabilizer Rear Mount Clevis Assembly

**WA2FBAB** - SS Plate #3/16"x 2"x 5"L

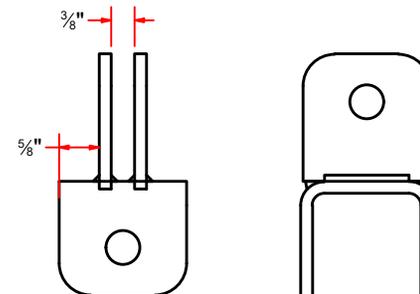
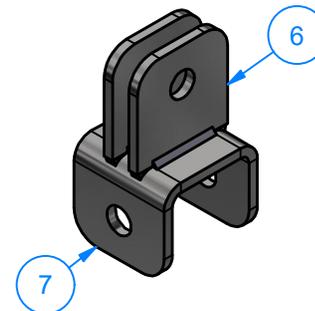


**WA2FCAA** - SS Plate #3/16"x 2" x 2" LG



Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
6	WA2FCAA	2	SS Plate #3/16"x 2" x 2" LG
7	WA2FBAB	1	SS Plate #3/16"x 2"x 5"L

**WA2FCA** - Wrap Stabilizer Rear Mount - Weldment

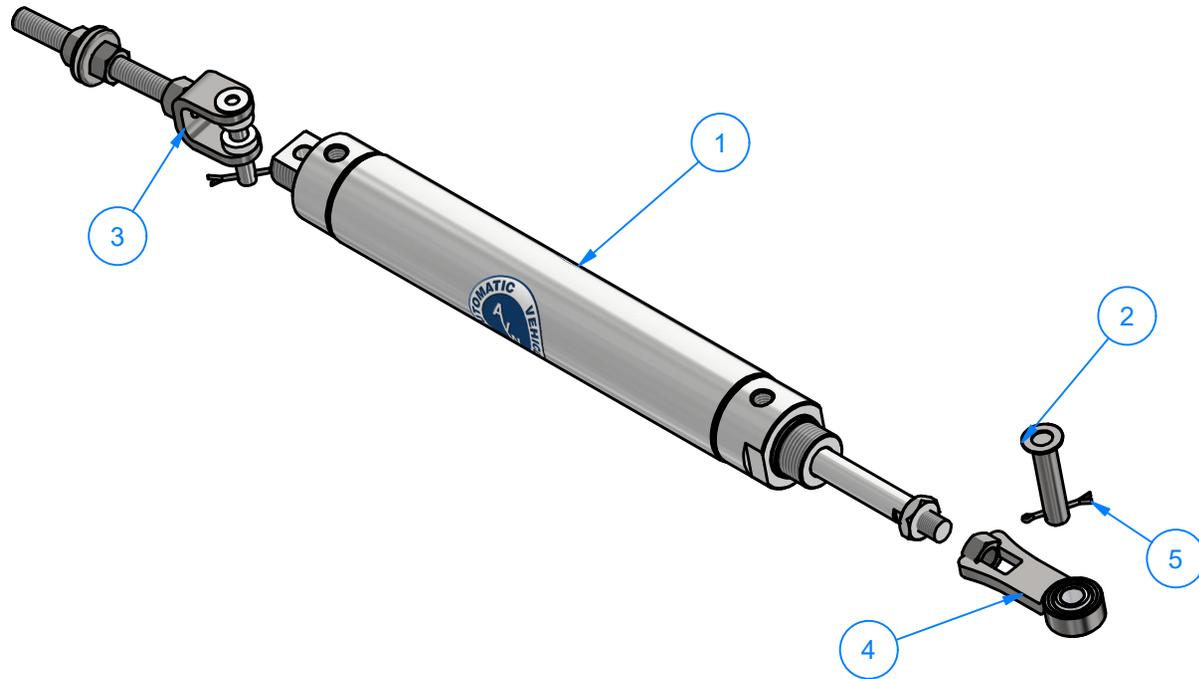
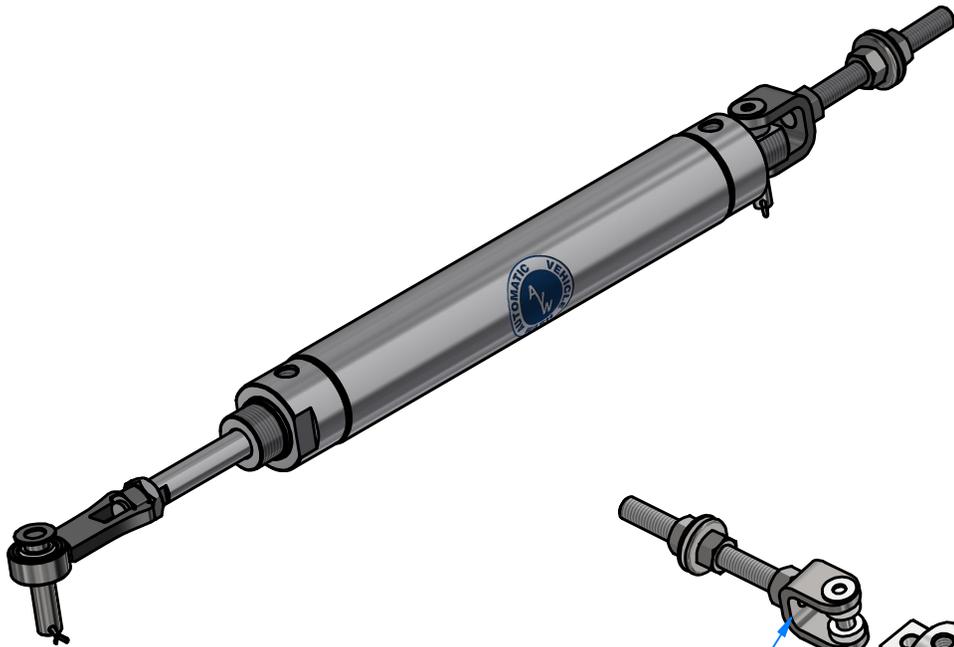


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CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Wrap Stabilizer Rear Mount Clevis Assembly	
RELEASE DATE	11/23/2021	PART NUMBER: WA2FC	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 39 of 56

# TR1R - Retract Air Cylinder 2" x 10" (OPTIONAL)



Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	AC2X10	1	Air Cylinder 2" x 10"
2	WA1GC-0318	1	Pin #1/2" D x 2 1/4" LG
3	WA2GA	1	Retract kit Rear Mounting Assy
4	BJ1-2-20	1	Ball Joint End Rod
5	CP3-8	1	Cotter Pin



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Jibin

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CHECKED BY

PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive

QTY

DESCRIPTION: Retract Air Cylinder 2" x 10" (OPTIONAL)

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RELEASE DATE

11/23/2021

PART NUMBER: TR1R

REV# 1

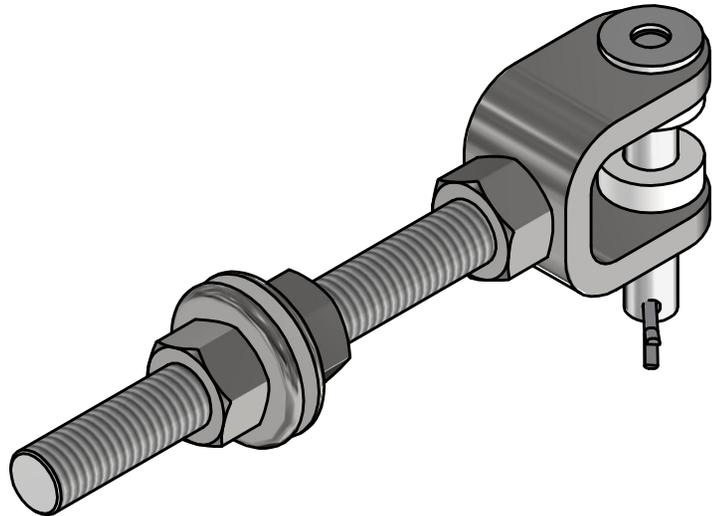
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.

SIZE  
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EST WEIGHT:

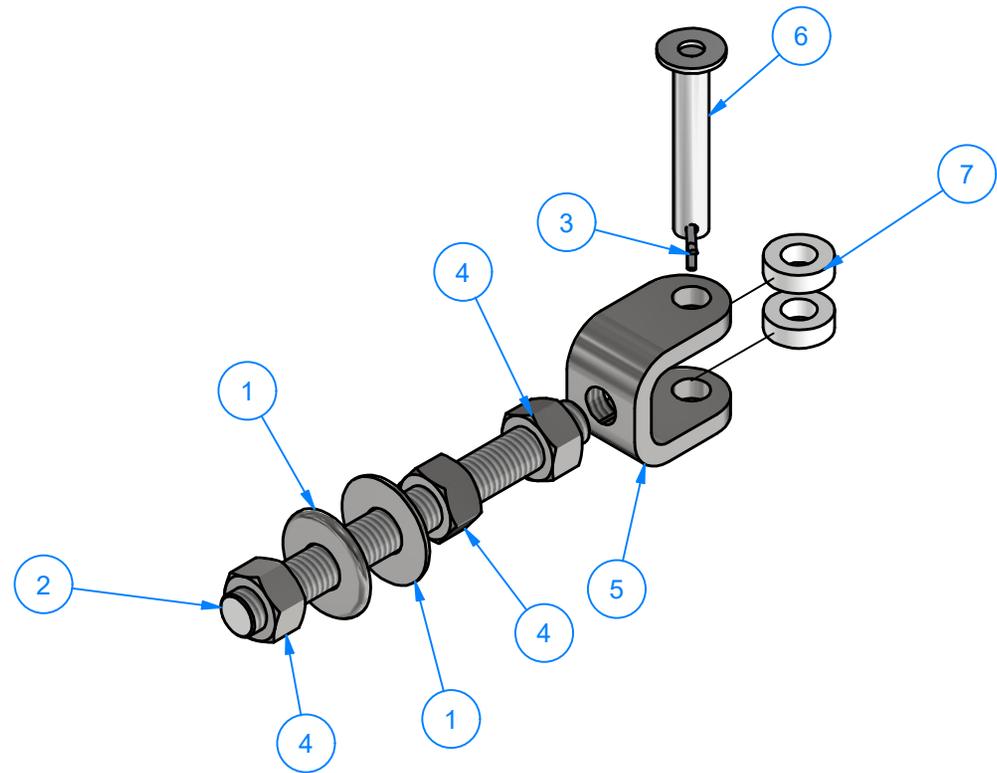
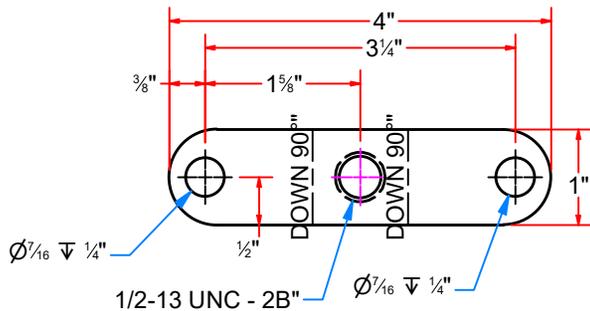
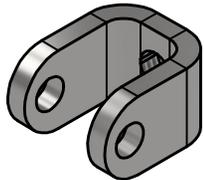
SHEET 40 of 56

# WA2GA - Retract kit Rear Mounting Assy



Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	FW12	2	1/2" Flat Washer
2	WA2GA2	1	Threaded Rod 1/2"-13 X 5" LG.
3	CP3-8	1	Cotter Pin
4	HN1213	3	1/2" - 13 UNC Hex Nut
5	WA2GA1	1	Clevis w/ threaded hole
6	WA1GB-0318	1	Pin 3/8" x 2 1/4" LG
7	WA2GA3	2	Retract kit Rear Mount Bush

## WA2GA1 - Clevis w/ threaded hole

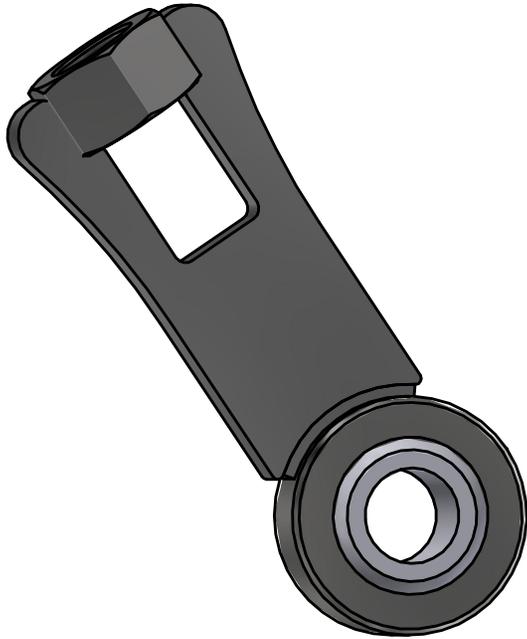


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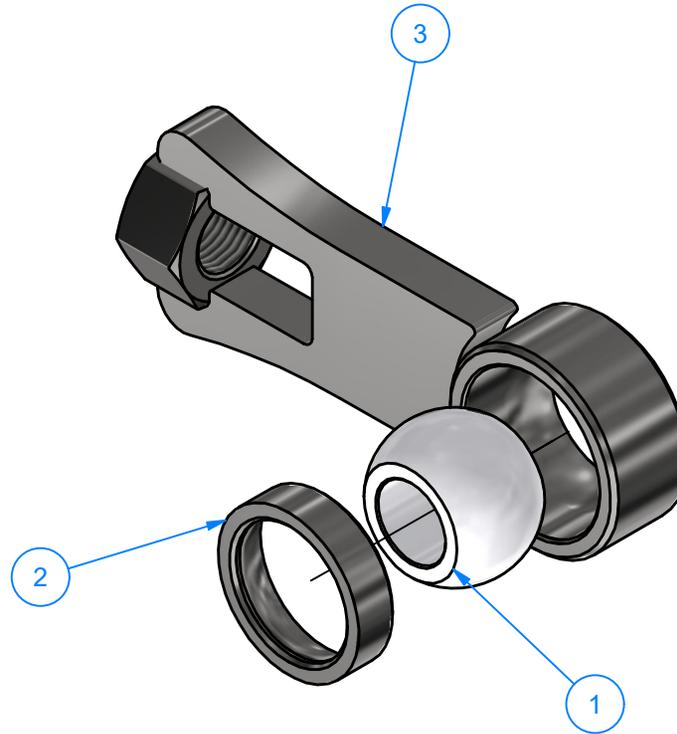
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QTY		DESCRIPTION: Retract kit Rear Mounting Assy	
RELEASE DATE	11/23/2021	PART NUMBER: WA2GA	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 41 of 56

# BJ1-2-20 - Ball Joint End Rod



Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	BJ1-2-20A	1	Nylon Ball Insert 1" OD. x 1/2" ID. x 5/8" LG
2	BJ1-2-20B	1	Small Ring OD 1"xID 3/4"x1/4"LG
3	BJ1A-2-20	1	Ball Joint Weldment



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Jibin

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PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive

QTY

DESCRIPTION: Ball Joint End Rod

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RELEASE DATE

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PART NUMBER: BJ1-2-20

REV# 1

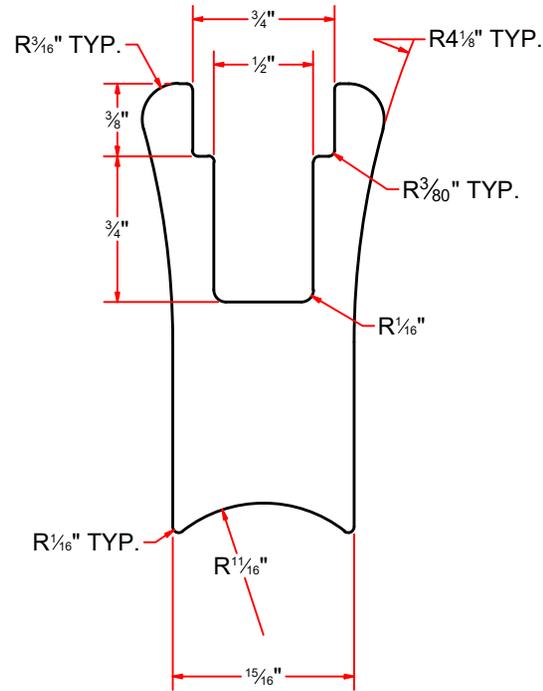
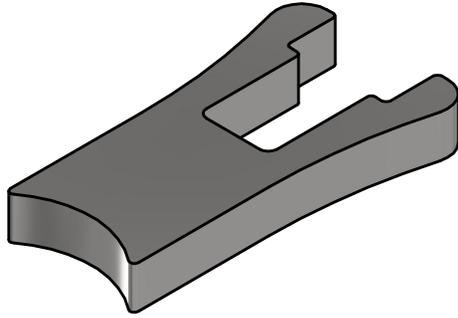
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.

SIZE  
A

EST WEIGHT:

SHEET 42 of 56

# BJ1-2-20D - Cylinder Lever #5/16x 1 9/32"x 2 3/8"

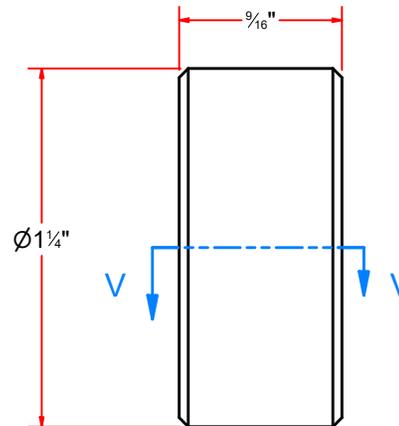
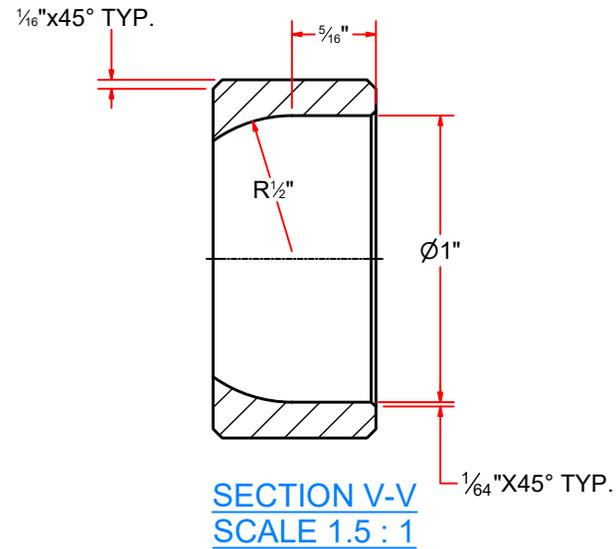


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CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Cylinder Lever #5/16x 1 9/32"x 2 3/8"	
RELEASE DATE	11/23/2021	PART NUMBER: BJ1-2-20D	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE <b>A</b>	EST WEIGHT:  SHEET 43 of 56

# BJ1-2-20C - Large Ring OD 1 1/4"x ID 1"x 9/16" LG

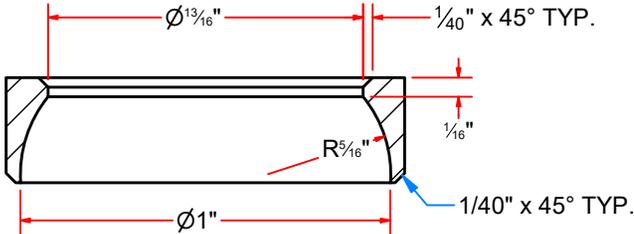
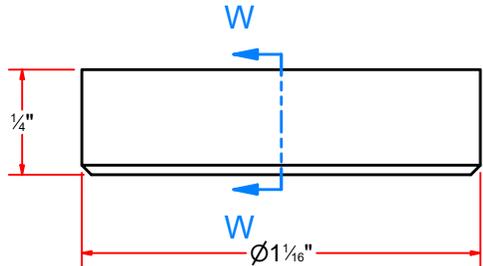


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CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Large Ring OD 1 1/4"x ID 1"x 9/16" LG	
RELEASE DATE	11/23/2021	PART NUMBER: BJ1-2-20C	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE <b>A</b>	EST WEIGHT:  SHEET 44 of 56

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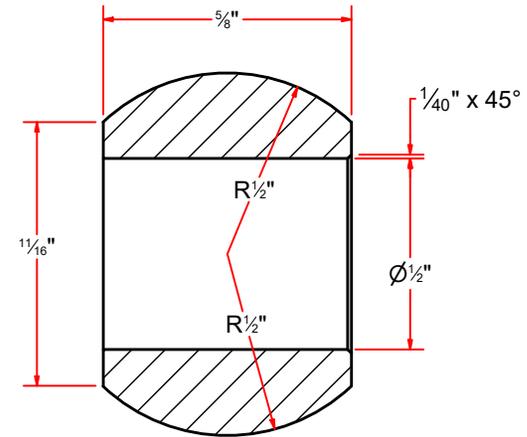
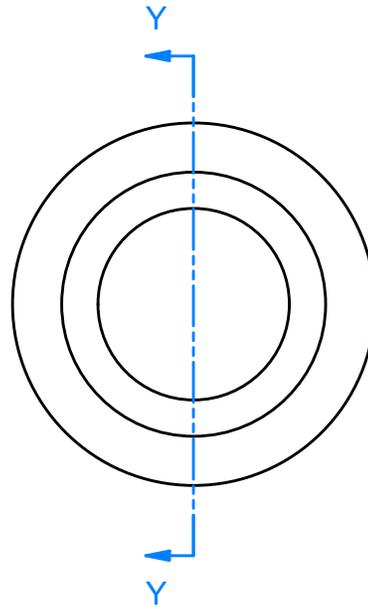
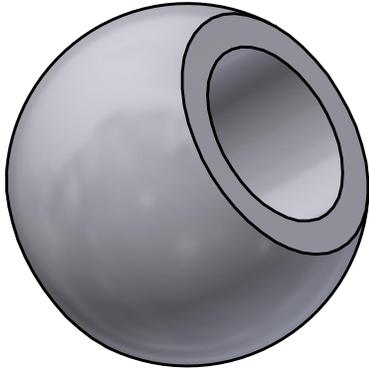
# BJ1-2-20B - Small Ring OD 1"xID 3/4"x1/4"LG



**SECTION W-W**  
**SCALE 2 : 1**

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			CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
			QTY		DESCRIPTION: Small Ring OD 1"xID 3/4"x1/4"LG	
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			DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE <b>A</b>	EST WEIGHT: SHEET 45 of 56
PATH:L:\Libraries\AVW Components\Ball Joint Rod End\Ball Joint Rod End\BLJRE_002.ipt						

# BJ1-2-20A - Nylon Ball Insert 1" OD. x 1/2" ID. x 5/8" LG



**SECTION Y-Y**  
**SCALE 2 : 1**

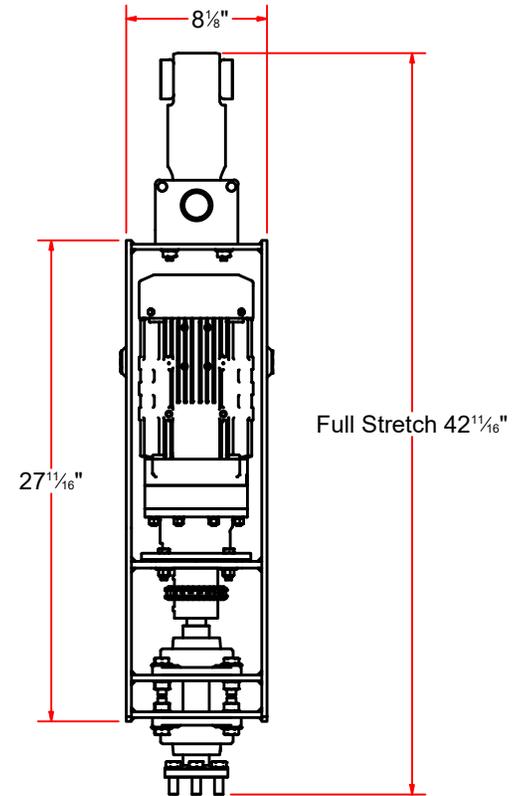
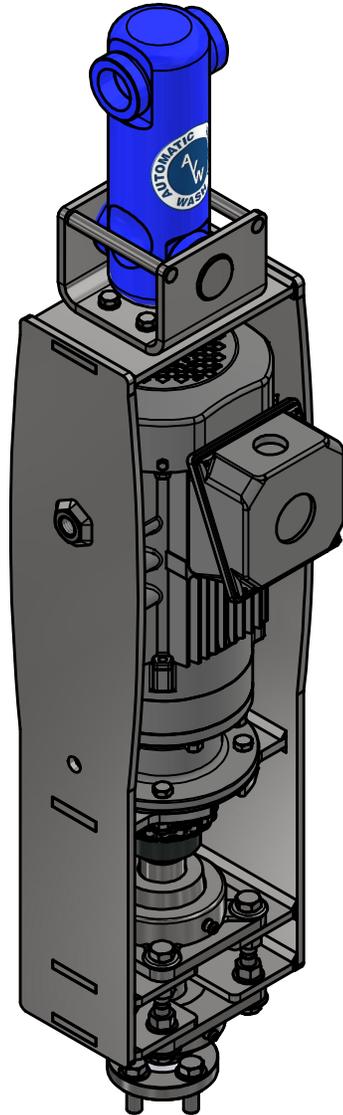


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CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Nylon Ball Insert 1" OD. x 1/2" ID. x 5/8" LG	
RELEASE DATE	11/23/2021	PART NUMBER: BJ1-2-20A	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE <b>A</b>	EST WEIGHT:  SHEET 46 of 56

# WA10K-EL - Sumitomo Electric Drive

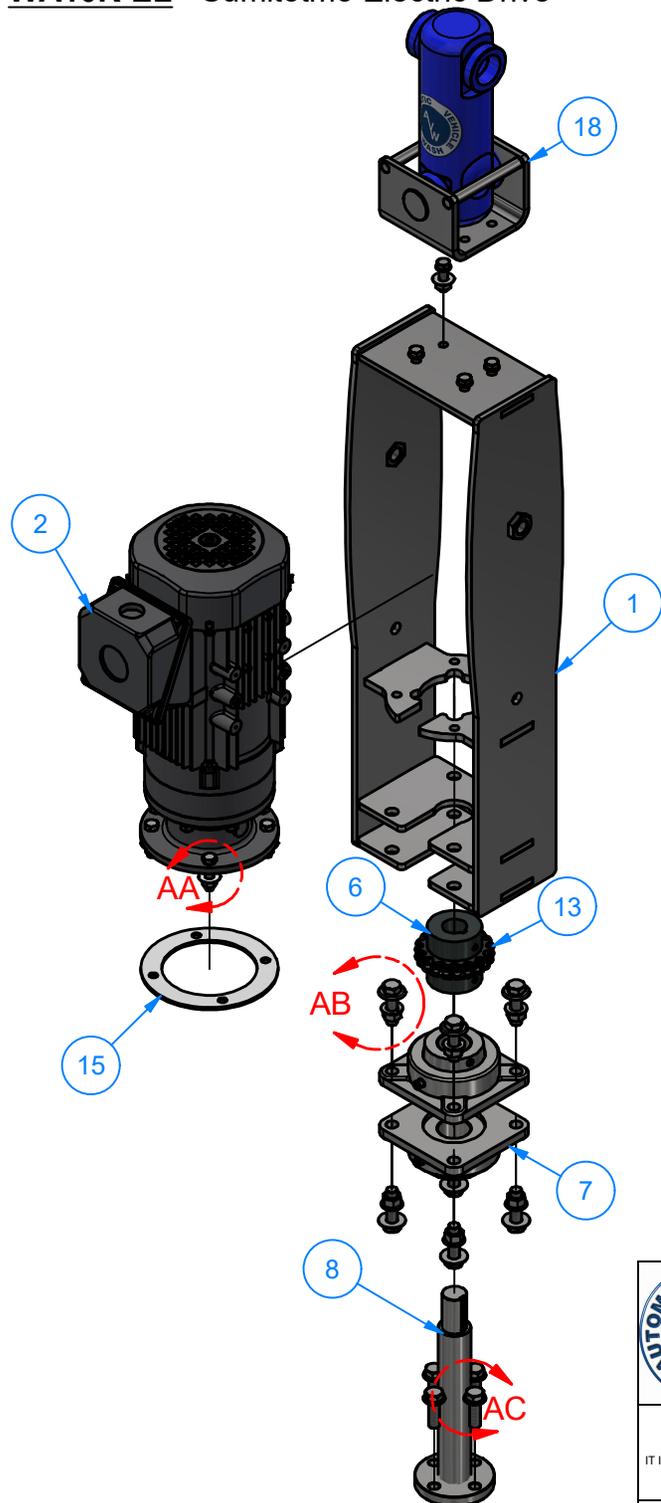


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CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Sumitomo Electric Drive	
RELEASE DATE	11/23/2021	PART NUMBER: WA10K-EL	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 47 of 56

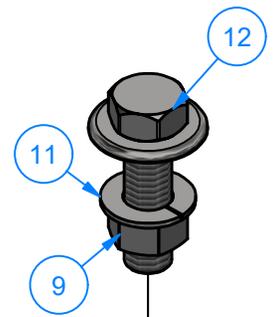
# WA10K-EL - Sumitotmo Electric Drive



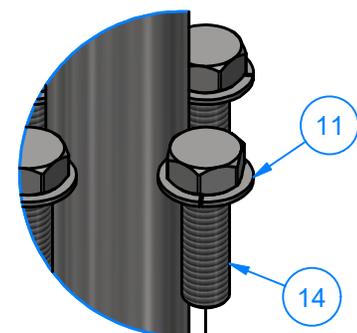
Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	WA10KA-EL	1	Wrap Motor Mount Frame Assembly
2	GRMTR1-5HP-81-230-460	1	Sumitomo Gearmotor 1 1/8" Shaft
3	HHCS3816125	4	3/8"-16x1 1/4" UNC Hex Screw
4	SLW38	4	3/8" Split Lock Washer
5	NLN3816	4	3/8"-16 Nylon Hex Nut
6	CPLG5016X118	2	Chain Coupling Flange 1 1/8"
7	BRG-WA1KCB-SS	2	1-1/2" Flange Mount Bearing-SS w/ plated Insert
8	WA7KB-EL-0114	1	Brush Stub Shaft 1 1/2" x 10" L
9	HN1213	8	1/2" - 13 UNC Hex Nut
10	FW12	8	1/2" Flat Washer
11	SLW12	12	1/2" Split Lock Washer
12	HHCS1213175	8	1/2"-13 x 1 3/4" L Hex Screw
13	CPLGCHAIN5016	1	Chain Assembly Motor-to-Shaft
14	HHCS1213150	4	1/2" - 13 x 1 1/2" UNC Hex Screw
15	WA10KB-EL	1	SS Plate #10Gax 6 1/4" OD
16	HN3816	4	3/8"-16 18-8ss Heavy Hex Nut
17	FW38	8	3/8" Flat Washer
18	WA2H-1212	1	Universal Coupling Assembly [10.375 in L]
19	HHCS3816150	4	3/8"-16 UNC x 1 1/2" Hex Screw



DETAIL AA



DETAIL AB



DETAIL AC



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 105 S. 9TH AVENUE  
 MAYWOOD, IL 60153  
 Tel: 708-343-7738 Fax: 708-343-9065  
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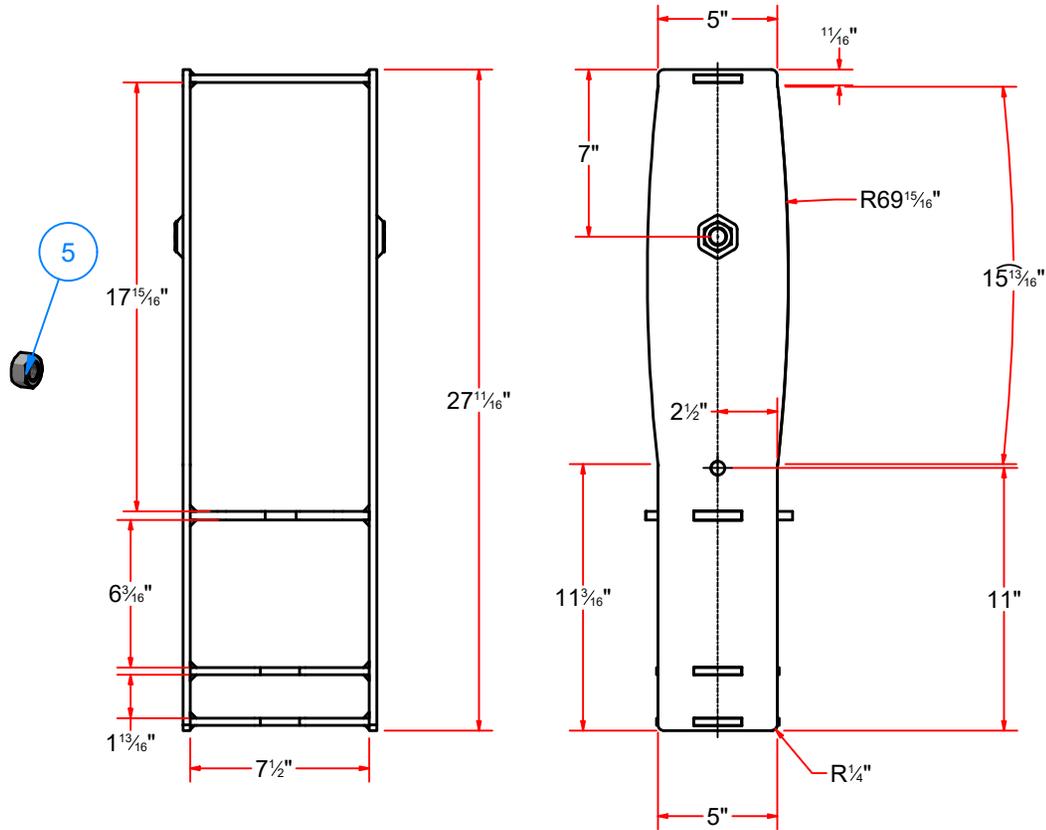
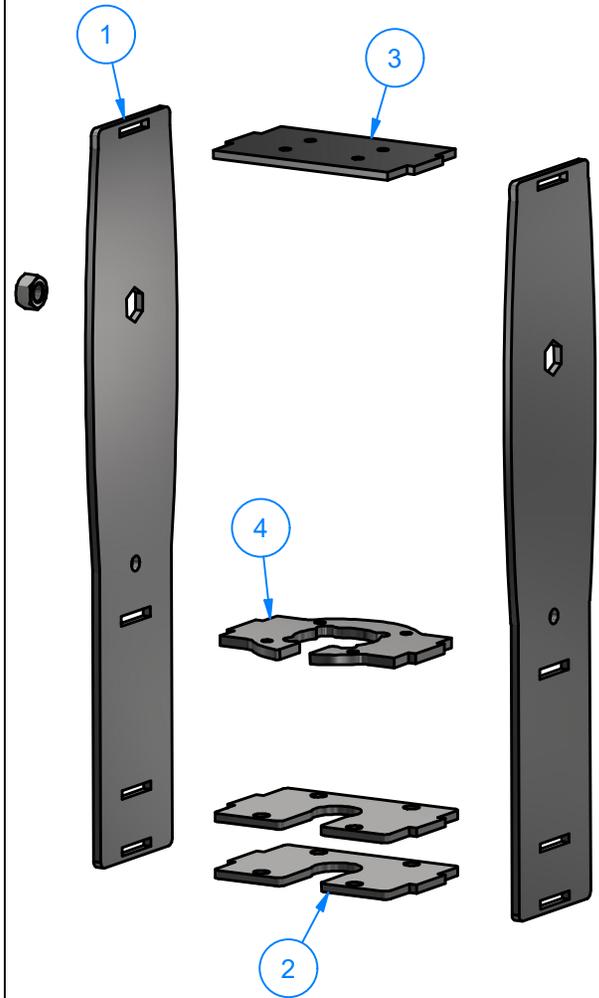
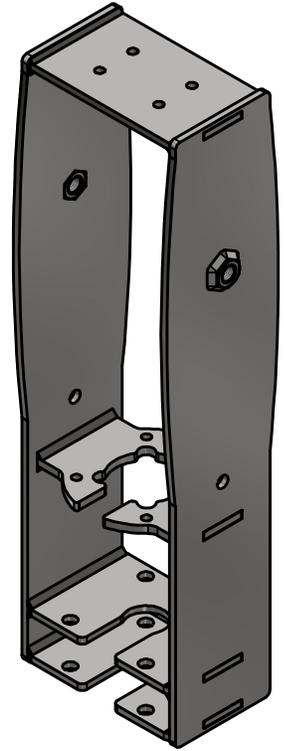
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DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Sumitotmo Electric Drive	
RELEASE DATE	11/23/2021	PART NUMBER: WA10K-EL	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 48 of 56

Parts List

ITEM	PART NUMBER	QTY	DESCRIPTION
1	WA10KAA-EL	2	Wrap Motor Mounting Side Plate [5/16" Ga.]
2	WA10KAB-EL	2	WMMP [7.5 in x 5.125 in][Wrap Motor Mount][5_16 Ga.]
3	WA10KAC-EL	1	Wrap Top Plate [5/16" Ga.]
4	WA10KAD-EL	1	Wrap Bearing Mounting Plate [3/8" Ga.]
5	HN3410	2	Hex Nut - 3/4-10 UNC

Wrap Motor Mount Frame Assembly



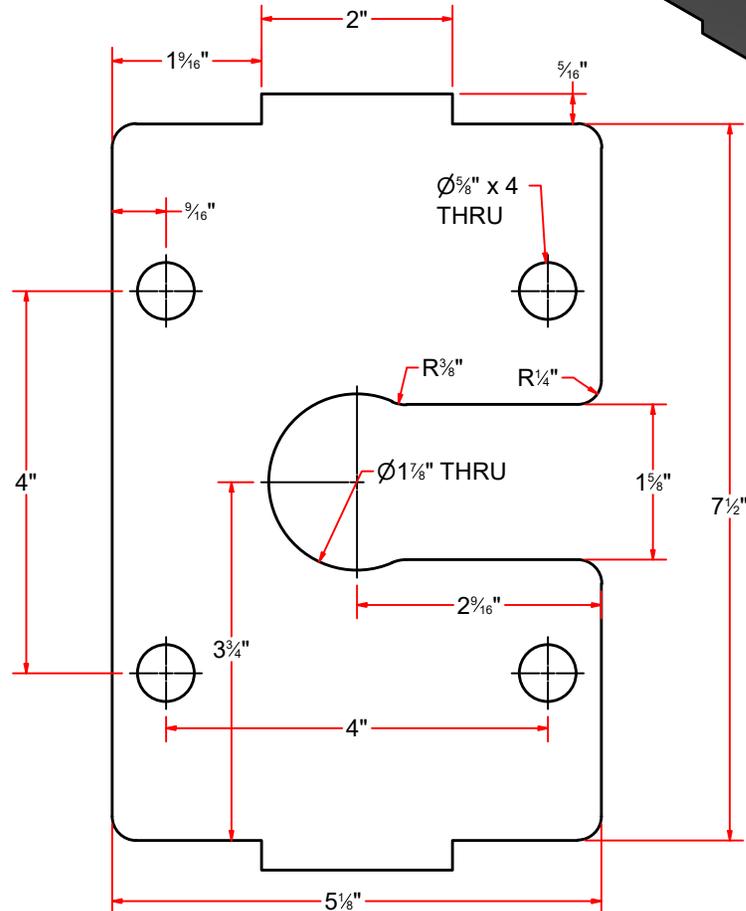
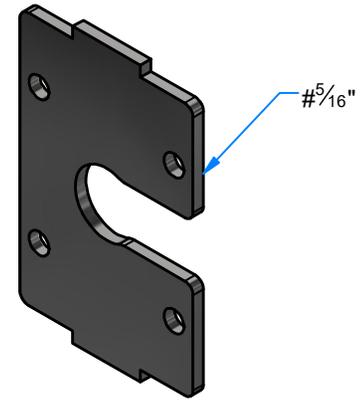
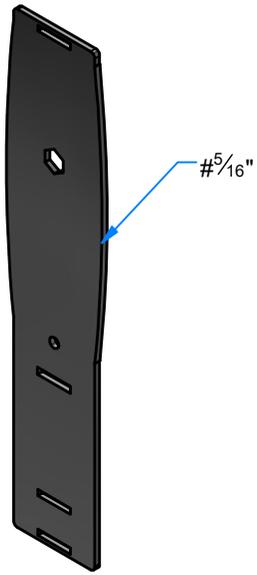
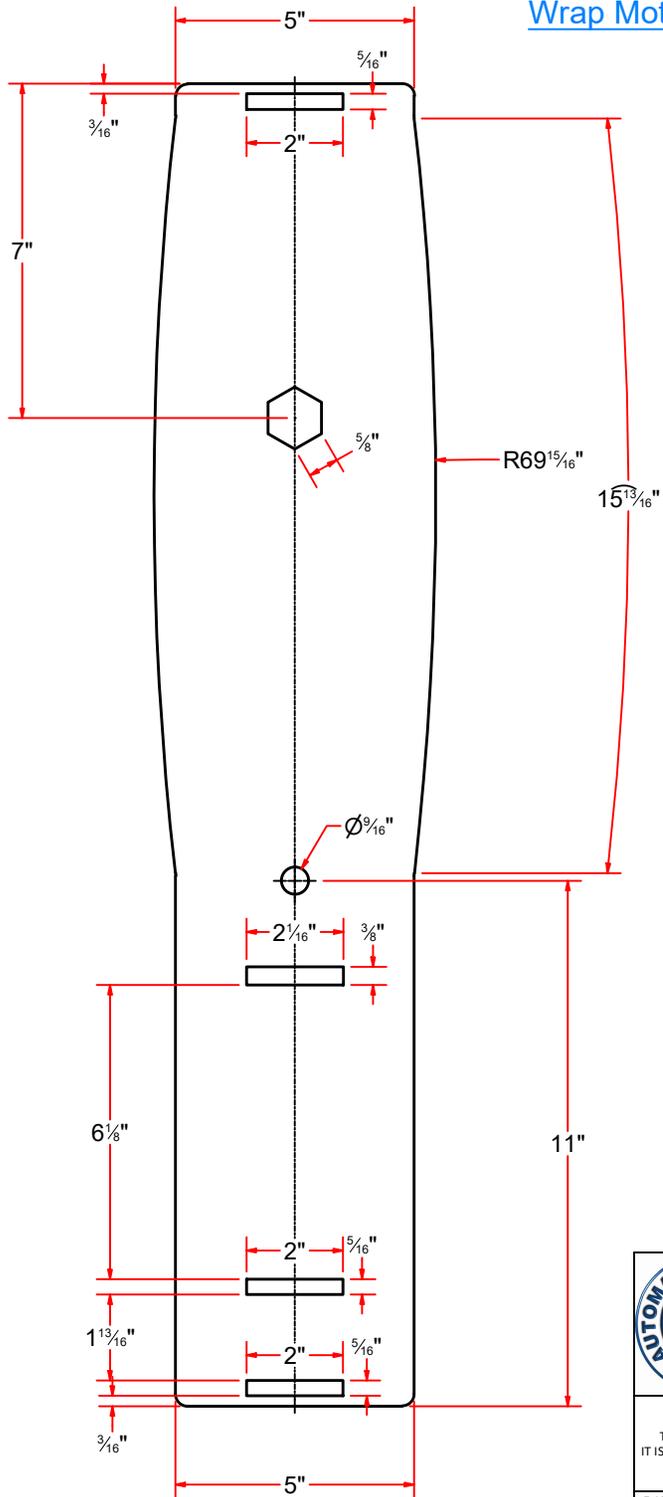
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DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Wrap Motor Mount Frame Assembly	
RELEASE DATE	11/23/2021	PART NUMBER: WA10KA-EL	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 49 of 56

Wrap Motor Mounting Side Plate [5/16" Ga.]

WMMP [7 in x 5.125 in][Wrap Motor Mount][5 16 Ga.]



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DRAWN BY

Jibin

CUSTOMER: AVW EQUIPMENT CO.

CHECKED BY

PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive

QTY

DESCRIPTION: Wrap Motor Mounting Side Plate [5/16" Ga.]

RELEASE DATE

11/23/2021

PART NUMBER: WA10KAA-EL

REV# 1

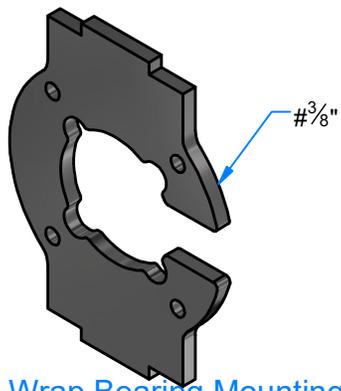
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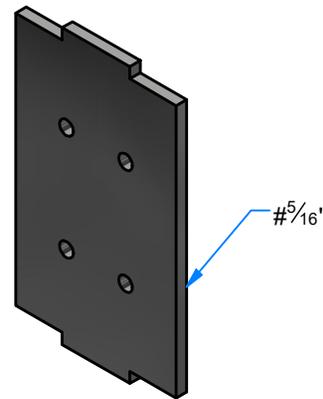
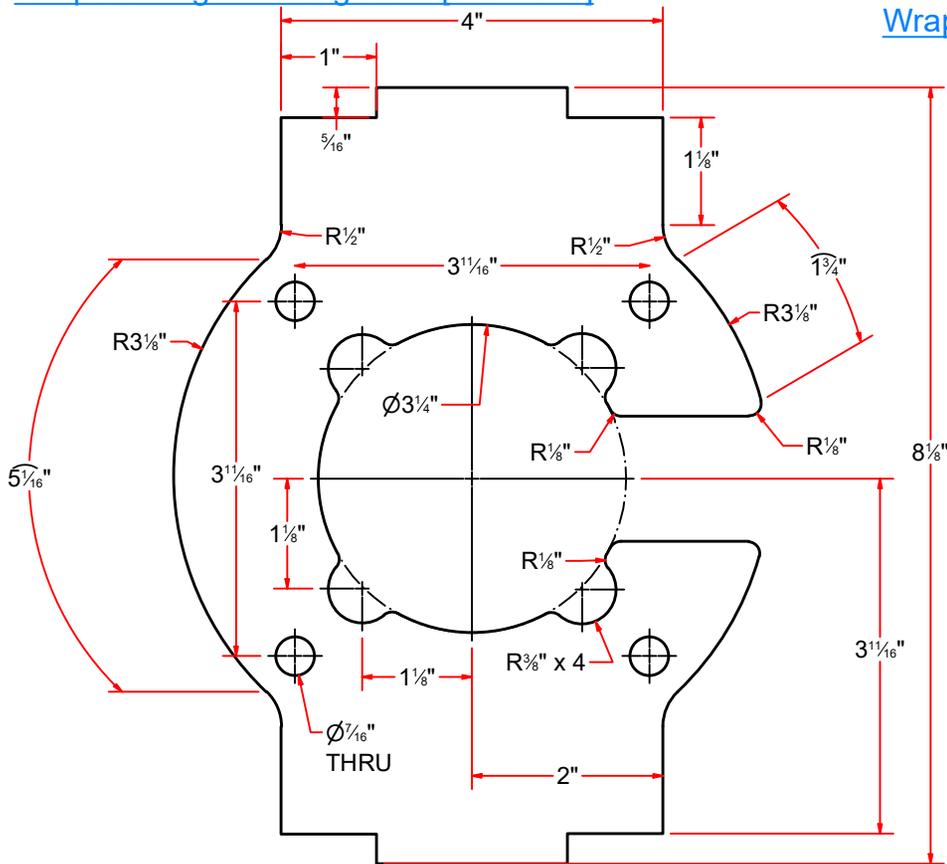
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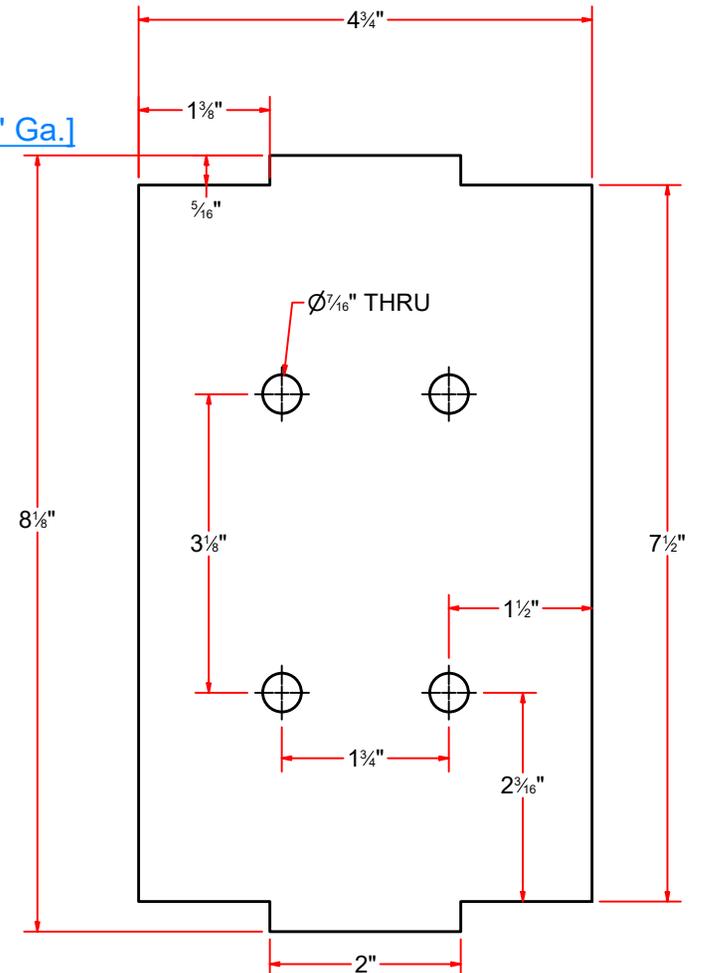
SHEET 50 of 56



Wrap Bearing Mounting Plate [5/16" Ga.]



Wrap Top Plate [5/16" Ga.]



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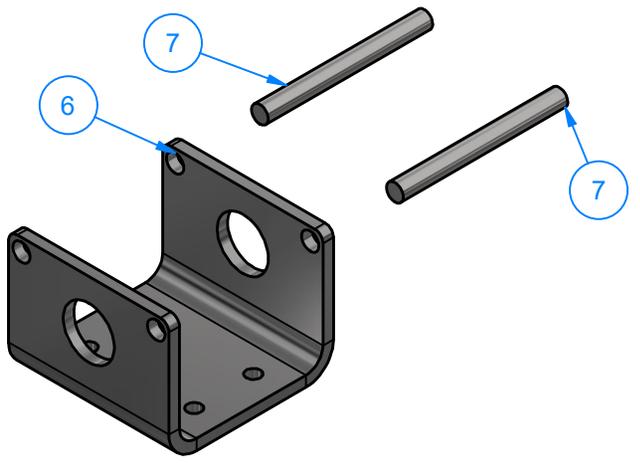
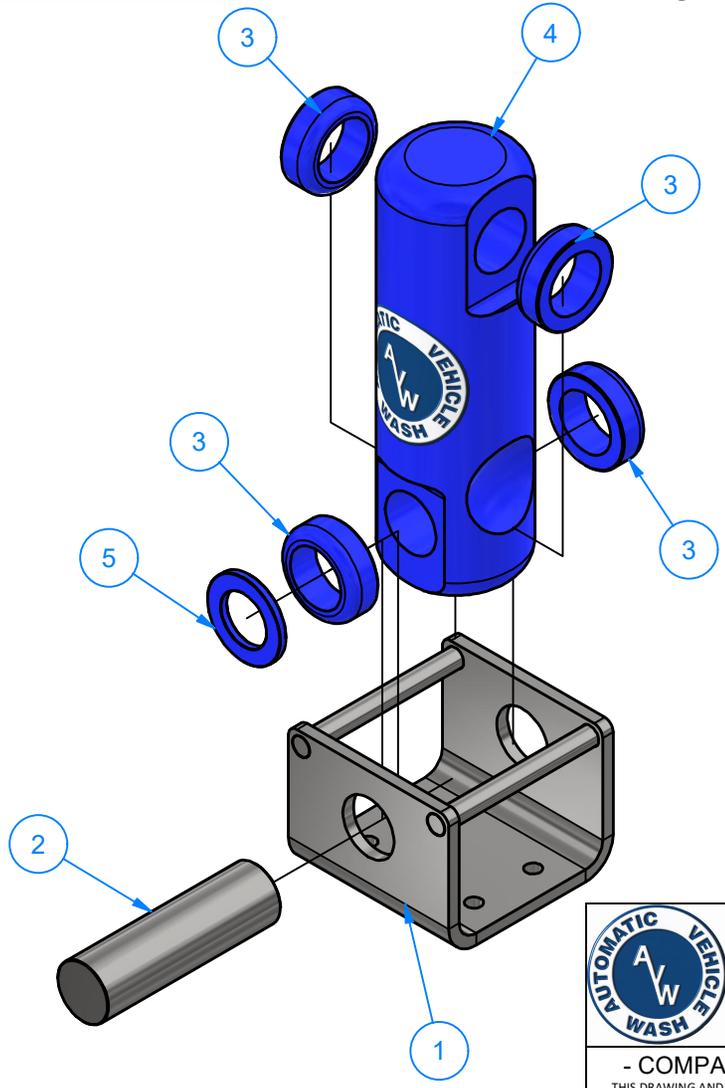
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DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Wrap Bearing Mounting Plate [3/8" Ga.]	
RELEASE DATE	11/23/2021	PART NUMBER: WA10KAD-EL	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 51 of 56

Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	WA2HC	1	Universal Coupler Base
2	SHSS150X00512	1	Shaft D 1 1/2" x 5 1/8" LG
3	WA11-0112	4	UHMW Spacer 2 1/4" OD x 1 1/2" ID x 3/4" L
4	WA2HA-1212	1	UHMW Coupler 3 3/8"ODX10 3/8"LG
5	WA2HB	1	UHMW Washer 2 1/4"OD x 1 1/2" ID x 3/16" thk

Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
6	WA2HCA	1	Universal Base Plate [5/16"Ga] 4 3/4" W x 11" L
7	SHSS050X00487	2	Shaft 1/2"OD x 4 7/8" LG.

## WA2H-1212 - Universal Coupling Assembly [10.375 in L]

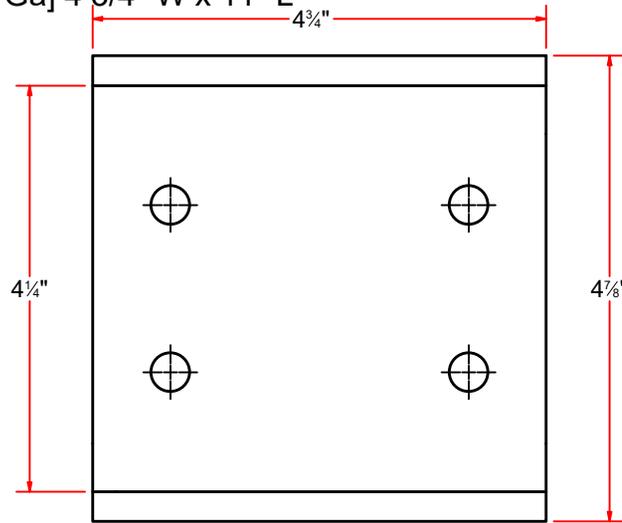
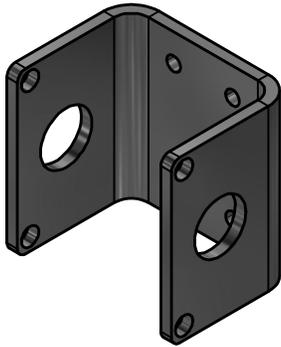


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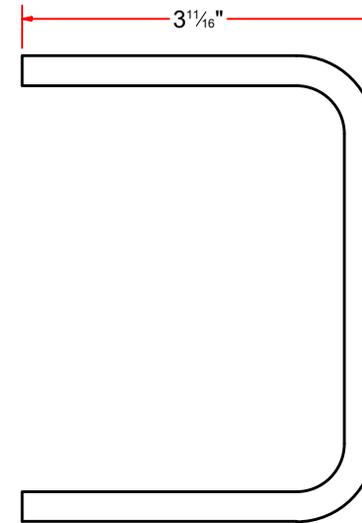
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DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Universal Coupling Assembly [10.375 in L]	
RELEASE DATE	11/23/2021	PART NUMBER: WA2H-1212	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 52 of 56

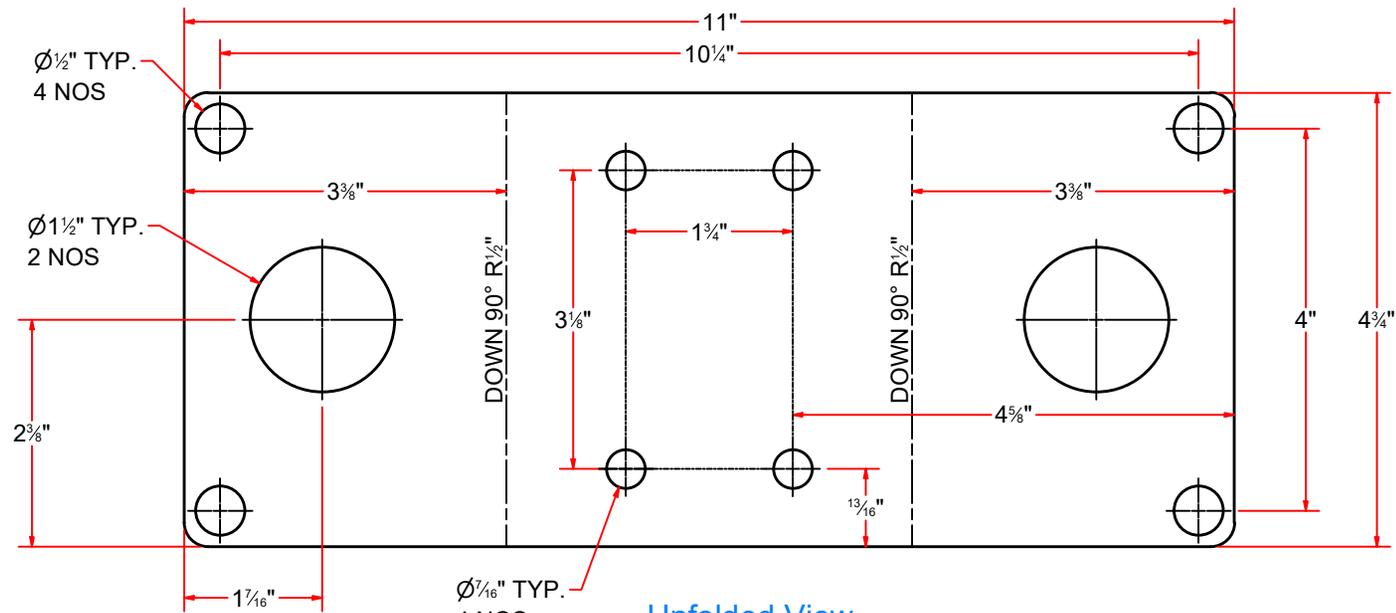
**WA2HCA - Universal Base Plate [5/16"Ga] 4 3/4" W x 11" L**



Front



Side



Unfolded View

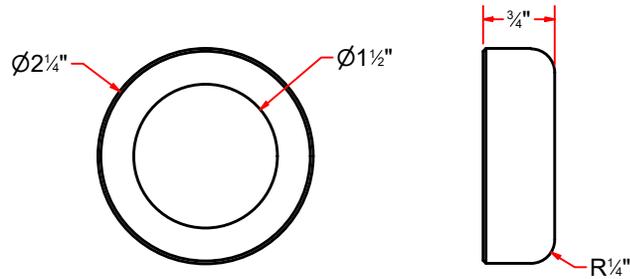
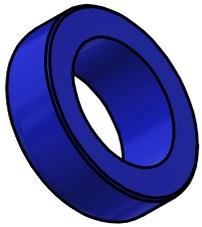


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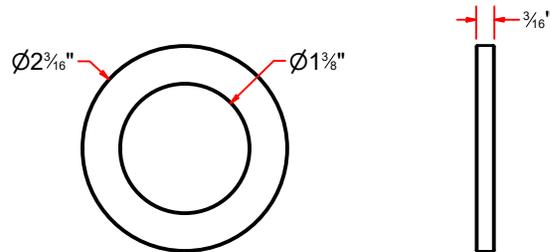
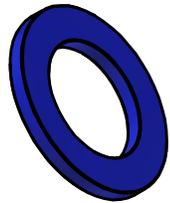
DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: Universal Base Plate [5/16"Ga] 4 3/4" W x 11" L	
RELEASE DATE	11/23/2021	PART NUMBER: WA2HCA	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 53 of 56

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# WA11-0112 - UHMW Spacer 2 1/4" OD x 1 1/2" ID x 3/4" L



# WA2HB - UHMW Washer 2 1/4"OD x 1 1/2" ID x 3/16" thk

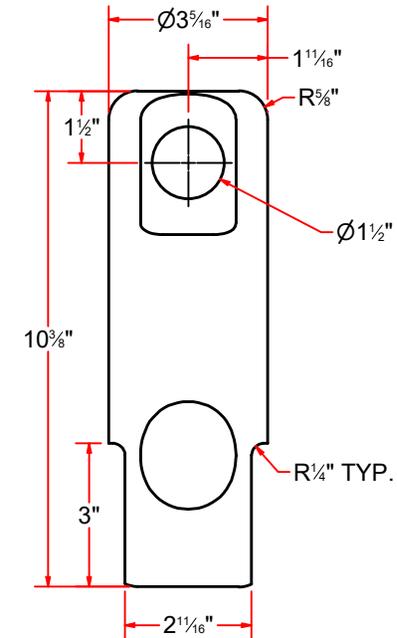
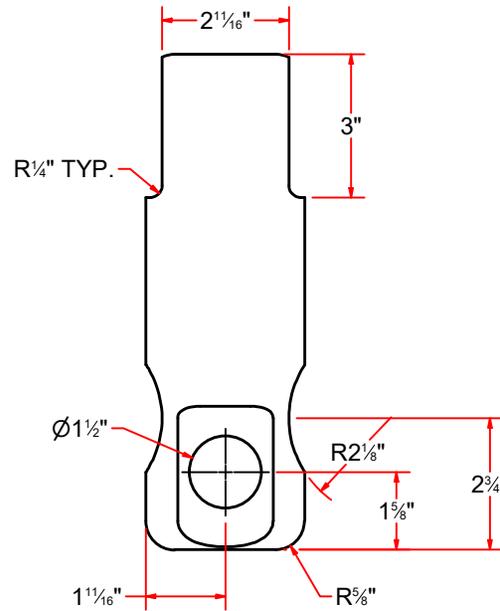


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DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: UHMW Spacer 2 1/4" OD x 1 1/2" ID x 3/4" L	
RELEASE DATE	11/23/2021	PART NUMBER: WA11-0112	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE <b>A</b>	EST WEIGHT:  SHEET 54 of 56

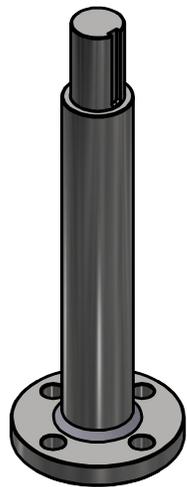
# WA2HA-1212 - UHMW Coupler 3 3/8"ODX10 3/8"LG



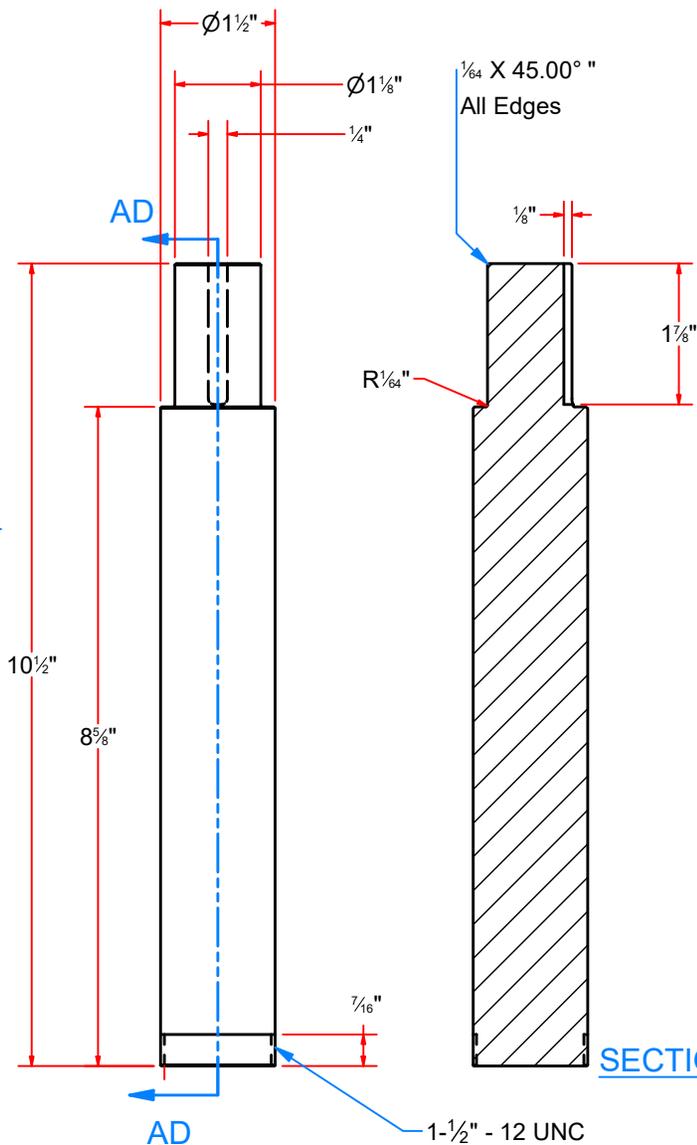
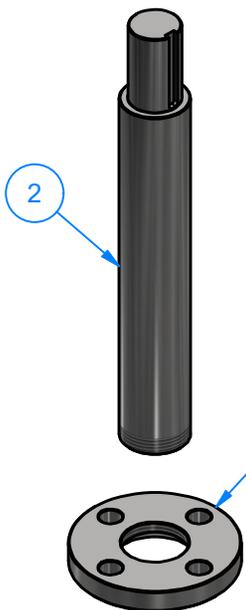
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DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive	
QTY		DESCRIPTION: UHMW Coupler 3 3/8"ODX10 3/8"LG	
RELEASE DATE	11/23/2021	PART NUMBER: WA2HA-1212	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 55 of 56

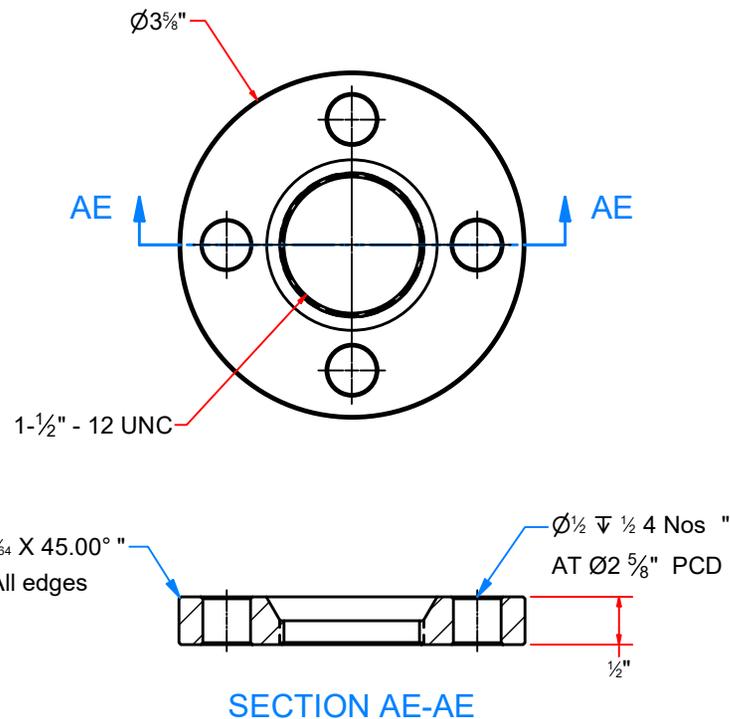
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Brush Stub Shaft 1 1/2" x 10" L



Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	WA7KBA-EL-0114	1	Round Plate #1/2" x 3 5/8" D
2	WA7KBB-EL-0114	1	1-1/2" x 10" Shaft



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DRAWN BY

Jibin

CUSTOMER: AVW EQUIPMENT CO.

CHECKED BY

PROJECT: WA1-EL-Free Standing Wrap Around with Electric Drive

QTY

DESCRIPTION: Brush Stub Shaft 1 1/2" x 10" L

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RELEASE DATE

11/23/2021

PART NUMBER: WA7KB-EL-0114

REV# 1

DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.

SIZE  
A

EST WEIGHT:

SHEET 56 of 56