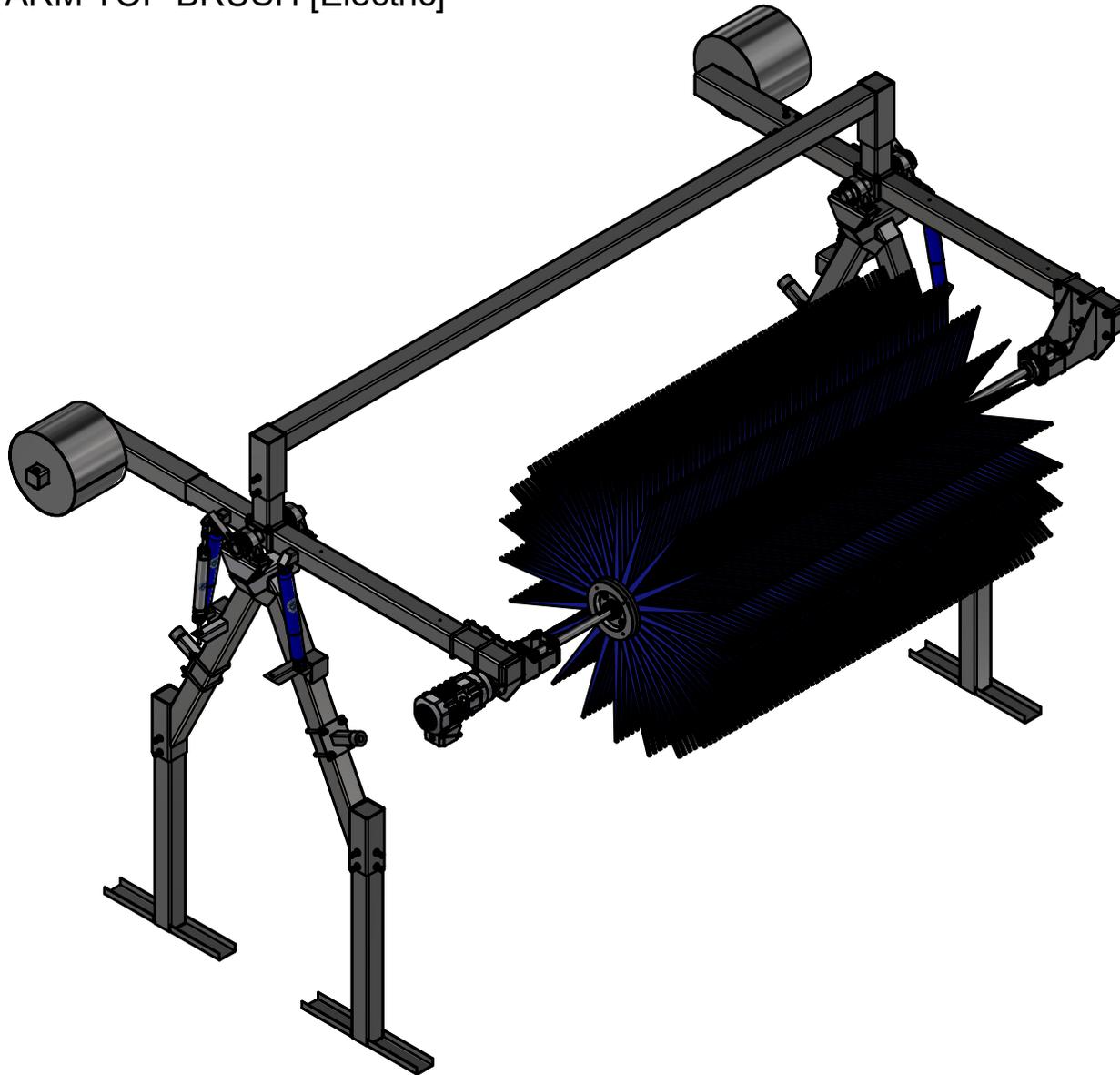


TR4-EL - DUAL ARM TOP BRUSH [Electric]



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DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: DUAL ARM TOP BRUSH [Electric]	
RELEASE DATE	7/30/2021	PART NUMBER: TR4-EL	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 1 of 42

REVISION HISTORY

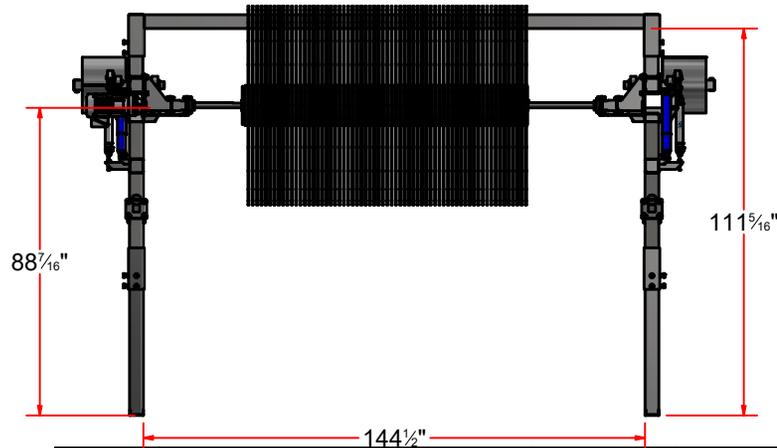
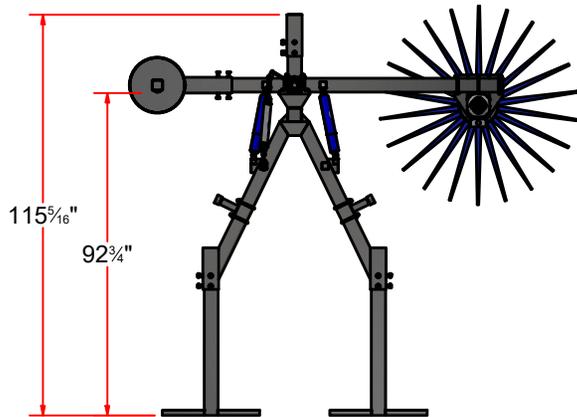
ECO No.	REV	DESCRIPTION	DATE	ENGINEER	APPROVED
		INITIAL RELEASE	07/30/2021	Tittu	Dusan
CON12	01	1. Replaced motor mount with new universal motor mount	12/27/2021	Tittu	Dusan



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<p align="center">- COMPANY PROPRIETARY NOTE - THIS DRAWING AND ITS DESIGNS ARE PROPERTY OF AVW EQUIPMENT CO. & IT IS NOT TO BE USED OR REPRODUCED WITHOUT THE PERMISSION FROM AVW CO.</p>	DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
	CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
	QTY		DESCRIPTION:	
	RELEASE DATE	7/30/2021	PART NUMBER:	REV#
	DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
PATH:				

TR4-EL - DUAL ARM TOP BRUSH [Electric]

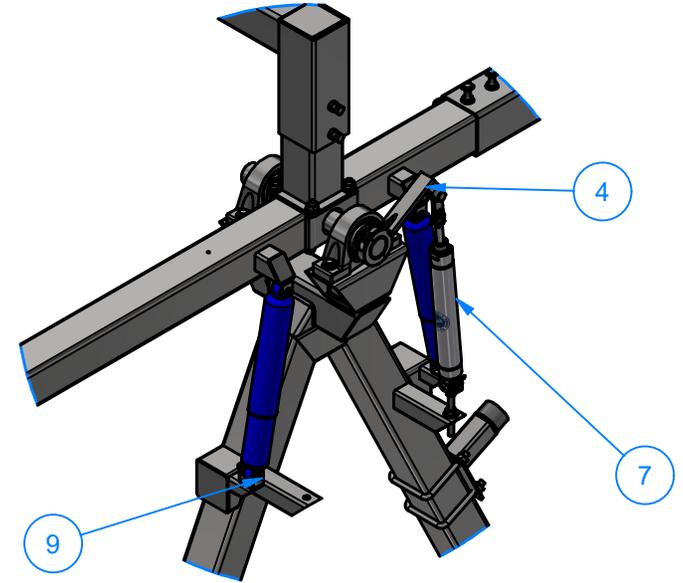
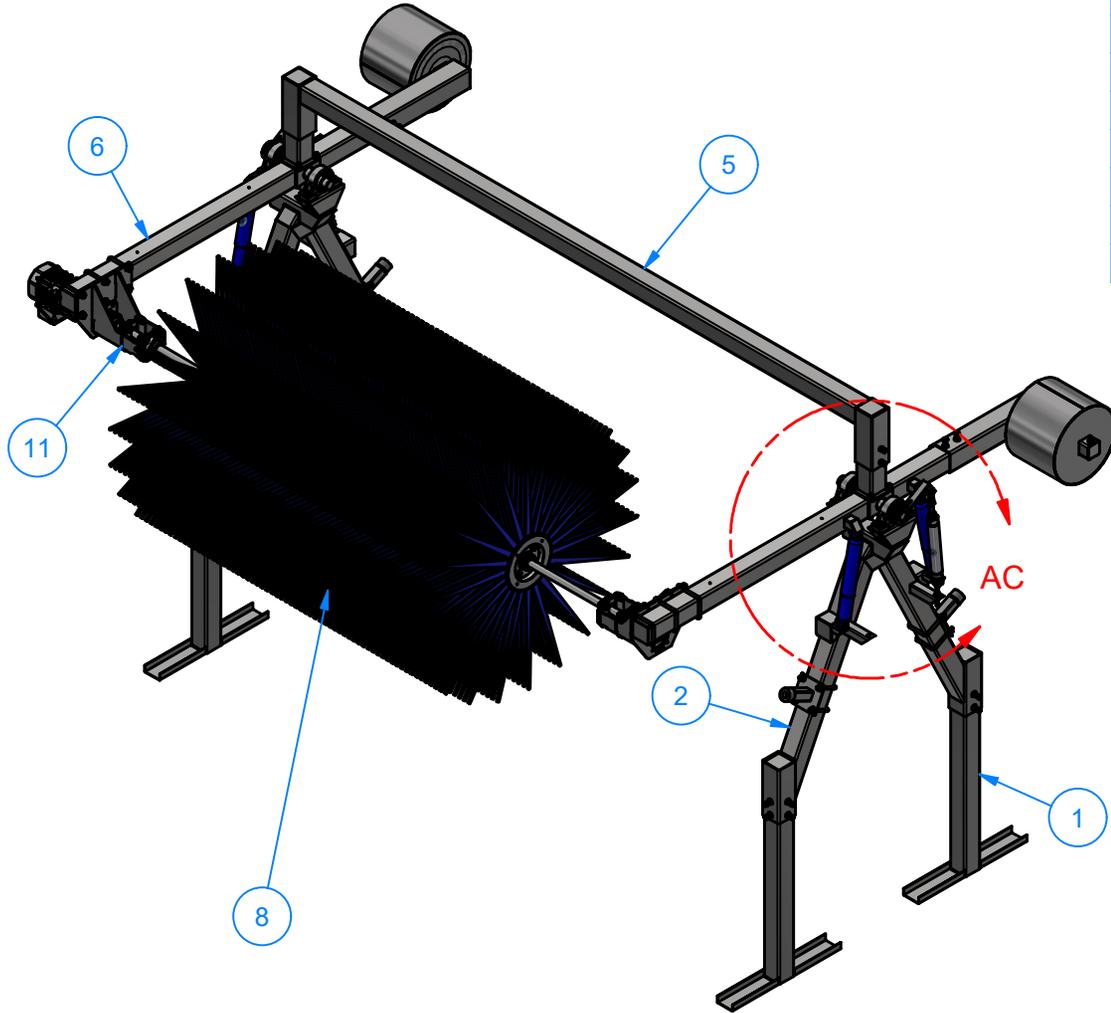


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DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: DUAL ARM TOP BRUSH [Electric]	
RELEASE DATE	7/30/2021	PART NUMBER: TR4-EL	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 3 of 42

TR4-EL - DUAL ARM TOP BRUSH [Electric]



DETAIL AC

Parts List		
ITEM	QTY	DESCRIPTION
1	4	Top Brush Leg Weldment
2	2	Top Brush Penta Arch
3	4	Blue Shock Absorber Assembly
4	2	Air Cylinder Bracket-Top Brush
5	1	Dual Arm Top Brush Crossbar
6	1	Top Brush Arm [D]108 LG.
7	2	Retract Air Cylinder 2" x 10" (OPTIONAL)
8	1	Top Brush w/ Core
9	8	Pin 3/8" x 2 1/2" LG
10	1	Top Brush Arm [P]108 LG.
11	1	Shaft Assembly With Parts
23	8	3/8" Set Screw Collar



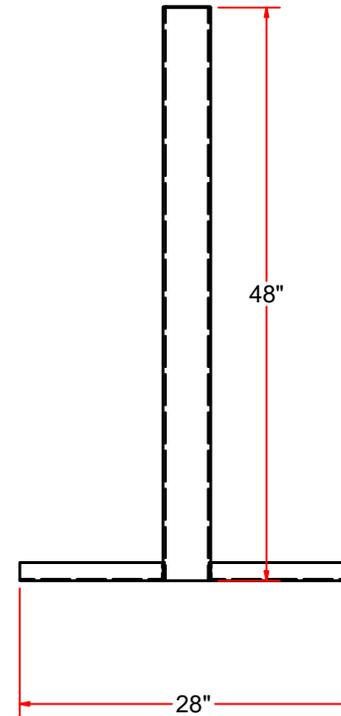
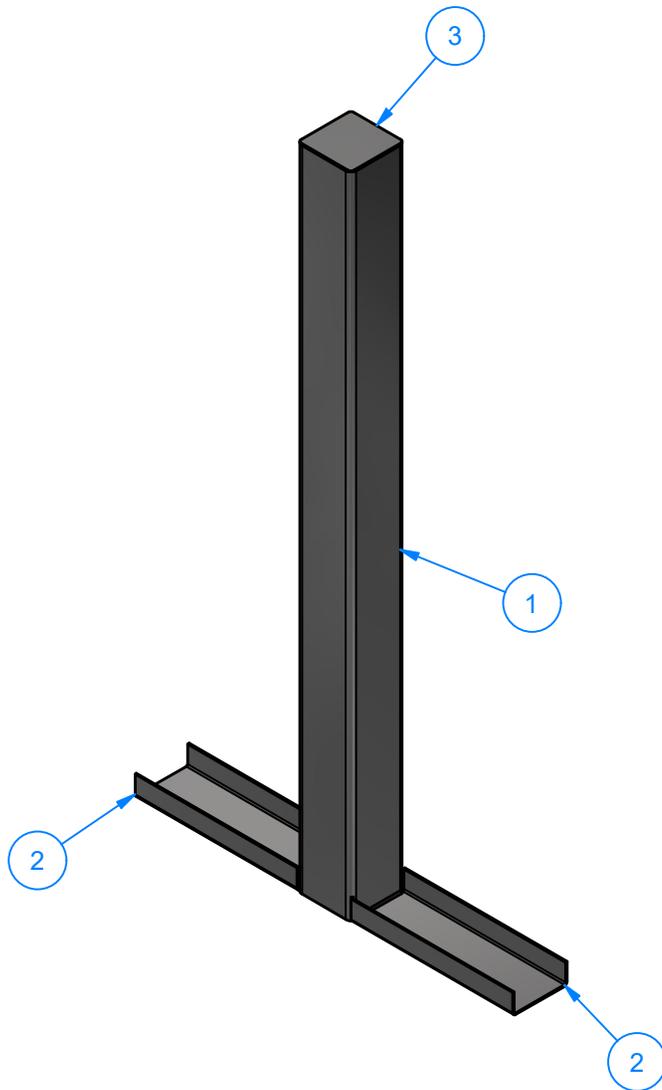
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DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: DUAL ARM TOP BRUSH [Electric]	
RELEASE DATE	7/30/2021	PART NUMBER: TR4-EL	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 4 of 42

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TR1A - Top Brush Leg Weldment

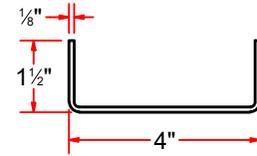
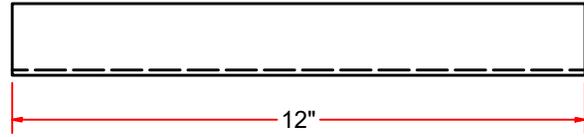
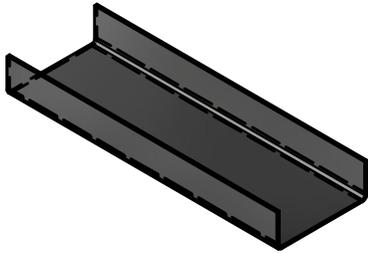
Parts List		
ITEM	QTY	DESCRIPTION
1	1	Sq. Tube #3/16" x 4" x 4" x 48" LG
2	2	Sheet Metal #12Ga x 7" x 12" LG
3	1	Sq. SS Plate 14Ga x 3 15/16



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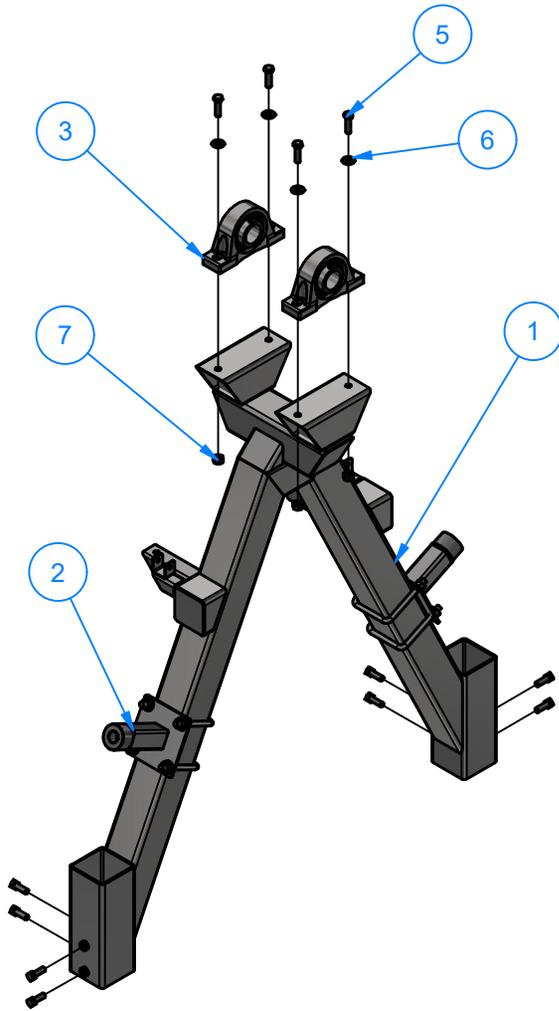
DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Top Brush Leg Weldment	
RELEASE DATE	7/30/2021	PART NUMBER: TR1A	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 5 of 42



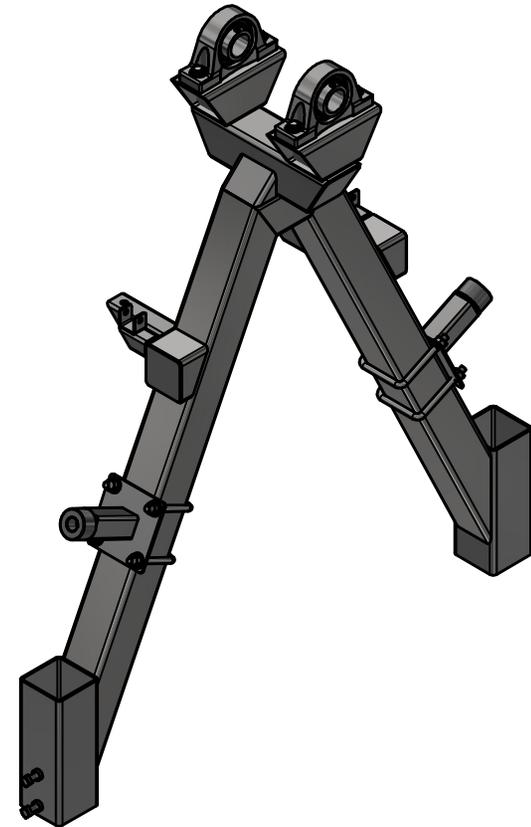
Sheet Metal #12Ga x 7" x 12" LG

	AVW EQUIPMENT CO., INC. 105 S. 9TH AVENUE MAYWOOD, IL 60153 Tel: 708-343-7738 Fax: 708-343-9065 WWW.AVWEQUIPMENT.COM		DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
			CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
			QTY		DESCRIPTION: Sheet Metal #12Ga x 7" x 12" LG	
- COMPANY PROPRIETARY NOTE - THIS DRAWING AND ITS DESIGNS ARE PROPERTY OF AVW EQUIPMENT CO. & IT IS NOT TO BE USED OR REPRODUCED WITHOUT THE PERMISSION FROM AVW CO.			RELEASE DATE	7/30/2021	PART NUMBER: TR1AA	REV#
			DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
PATH:L:\Libraries\Productivity\Top Brush\TBL-Top Brush Leg\Parts\TBLA002.ipt						
						SHEET 6 of 42

TR1B0513 - Top Brush Penta Arch



Parts List		
ITEM	QTY	DESCRIPTION
1	1	Top Brush Beam
2	2	Top Brush Bumper Assembly
3	2	2" Pillow Block
5	4	1/2"-13 x 1.75" L Hex Screw
6	4	1/2" Flat Washer
7	4	1/2-13 Hex Nut
10	8	Square Bolt 1/2-13x1.5

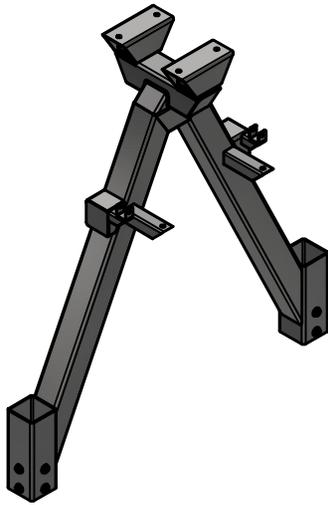


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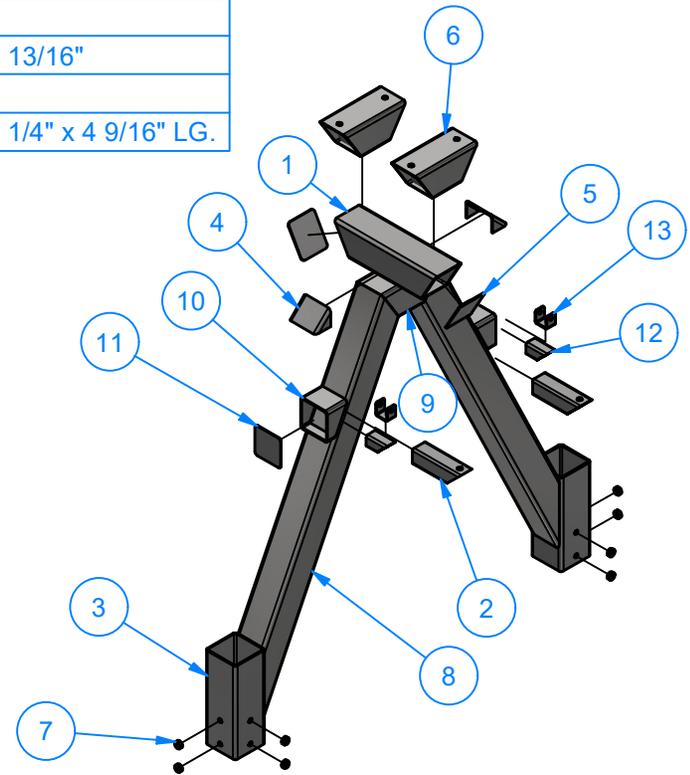
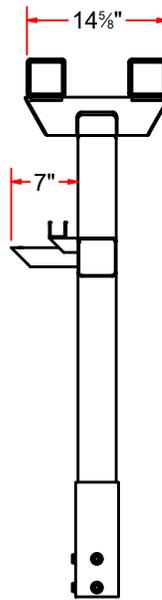
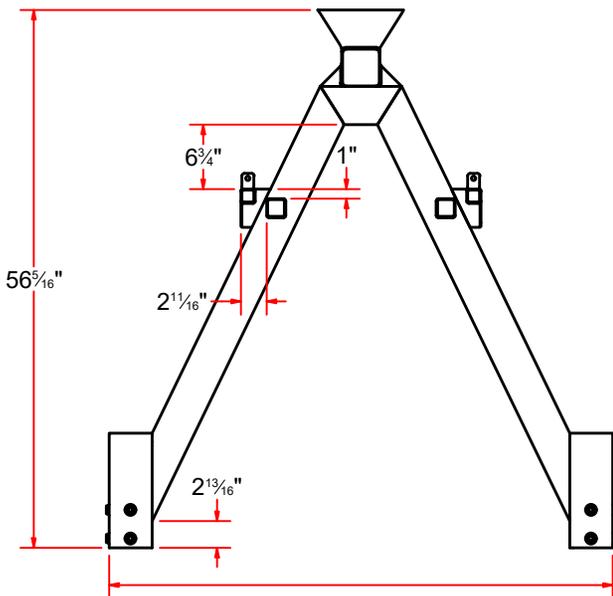
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CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Top Brush Penta Arch	
RELEASE DATE	7/30/2021	PART NUMBER: TR1B0513	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 7 of 42

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TR1BA0513 - Top Brush Beam



Parts List		
ITEM	QTY	DESCRIPTION
1	1	Sq. Tube 4" x 4" x 15" LG
2	2	Sq. Tube 2"x 2" x 7" LG
3	2	Sq. Tube 4 1/2" x 4 1/2" x 12" LG
4	2	Sq. Tube 4" x 4" x 3 3/16" LG
5	2	SS Sheet Metal #12Ga x 4 7/16" x 3 13/16"
6	2	Pillow Block Bracket
7	8	Sleeve Nut 1/2"
8	2	Sq. Tube 4" x 4" x 49" LG
9	1	Sq. Tube 4" x 4" x 8.5 "LG
10	2	Sq. Tube 4"x 4" x 3" LG
11	2	Sheet Metal #12Ga x 3 13/16" x 3 13/16"
12	2	Sq. Tube 1 1/2"x 1 1/2" x 3" LG
13	2	Shock Absorber Bracket #1/8" x 1 1/4" x 4 9/16" LG.

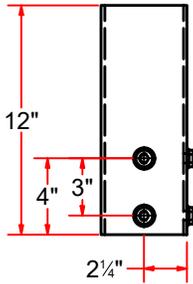
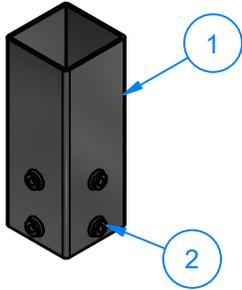
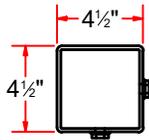


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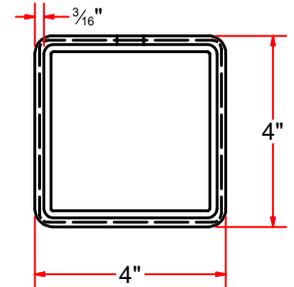
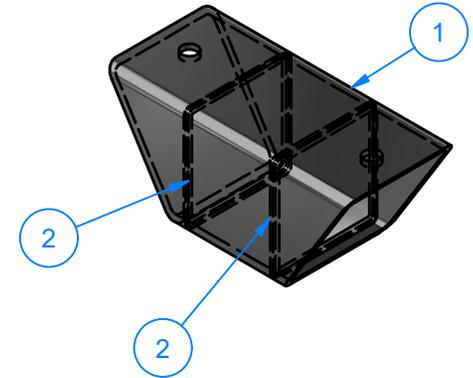
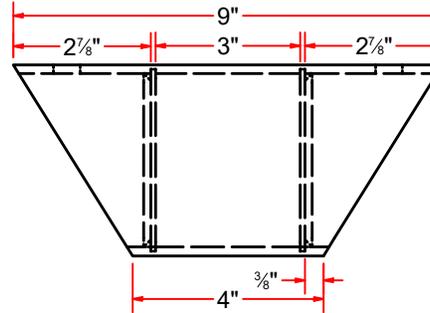
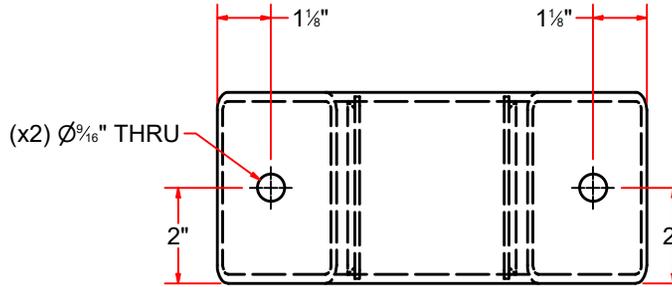
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DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Top Brush Beam	
RELEASE DATE	7/30/2021	PART NUMBER: TR1BA0513	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: 65 lbmass
			SHEET 8 of 42

Parts List		
ITEM	QTY	DESCRIPTION
1	1	Sq. Tubing [7 Ga.] 4 1/2" x 12" LG
2	4	Sleeve Nut 1/2"



Sleeve 4 1/2" SQ. x 12" LG.



Parts List		
ITEM	QTY	DESCRIPTION
1	1	Sq. Tube 4" x 4" x 9" LG
2	2	Sheet Metal #12Ga x 3 13/16" x 3 13/16"

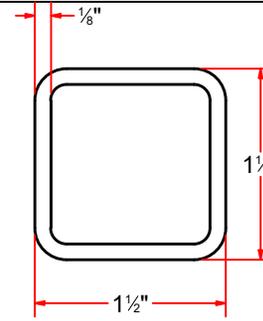
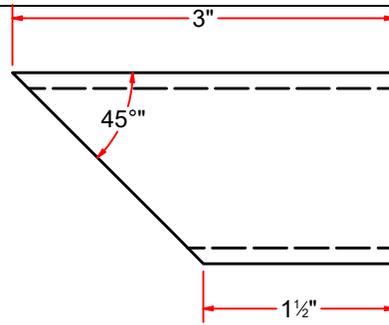
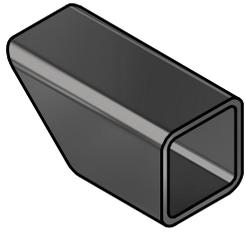
Pillow Block Bracket



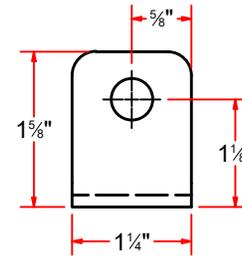
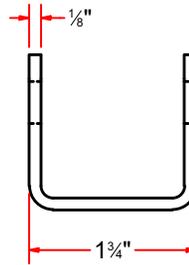
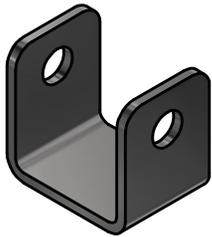
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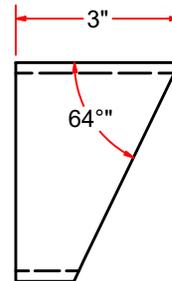
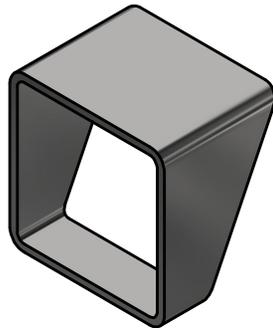
DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Sleeve 4 1/2" SQ. x 12" LG.	
RELEASE DATE	7/30/2021	PART NUMBER: AA0BA	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: 11
			SHEET 9 of 42



Sq. Tube 1 1/2"x 1 1/2" x 3" LG



Shock Absorber Bracket #1/8" x 1 1/4" x 4 9/16" LG.



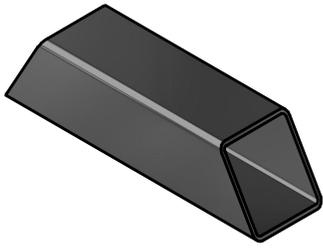
Sq. Tube 4"x 4" x 3" LG



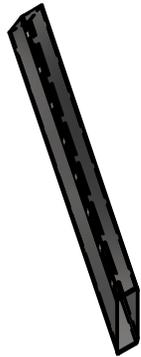
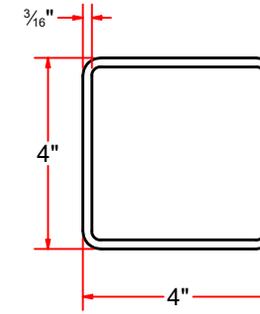
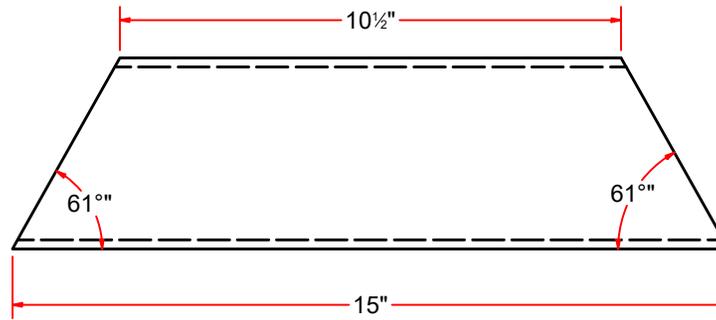
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DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Sq. Tube 1 1/2"x 1 1/2" x 3" LG	
RELEASE DATE	7/30/2021	PART NUMBER: TR1BADB0513	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 10 of 42

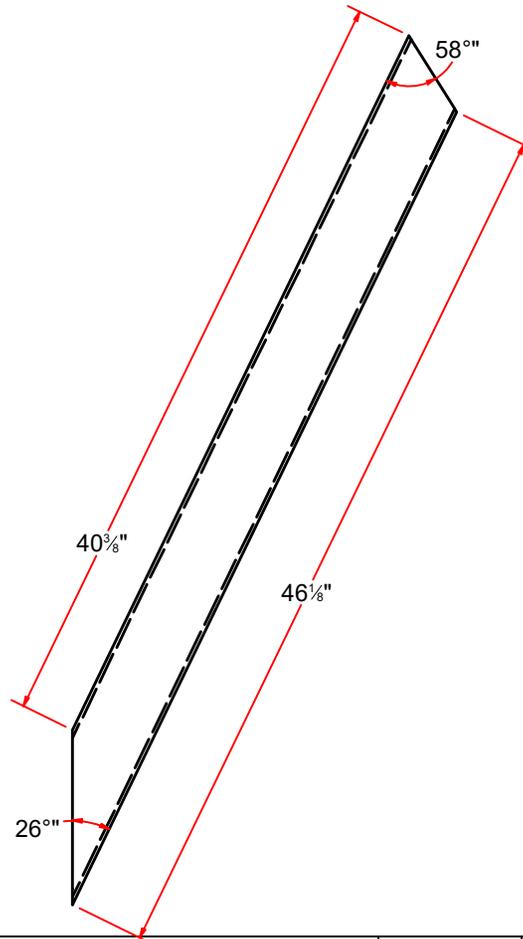
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Sq. Tube 4" x 4" x 15" LG



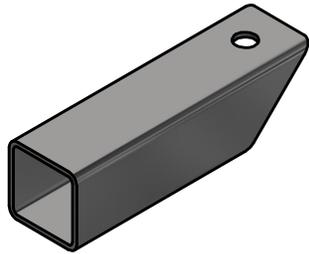
Sq. Tube 4" x 4" x 49" LG



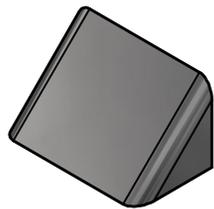
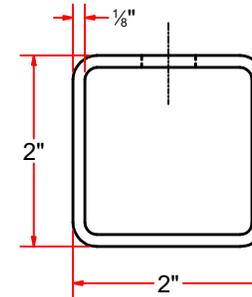
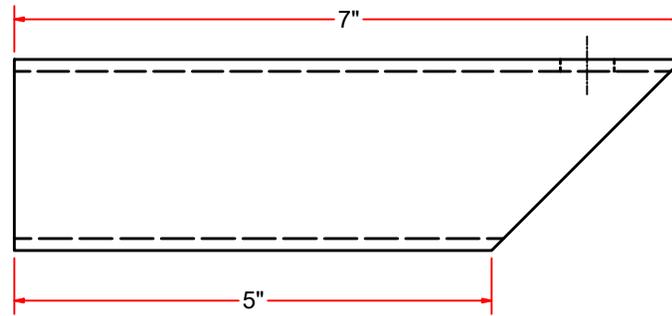
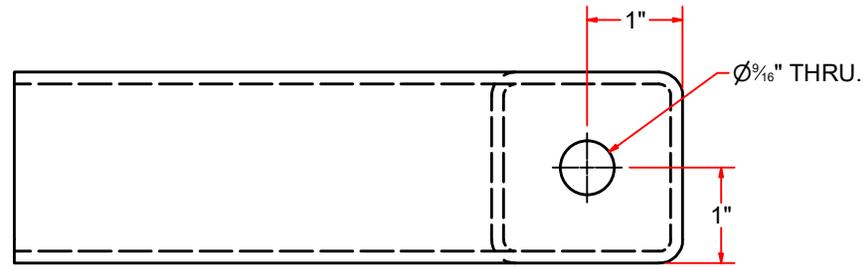
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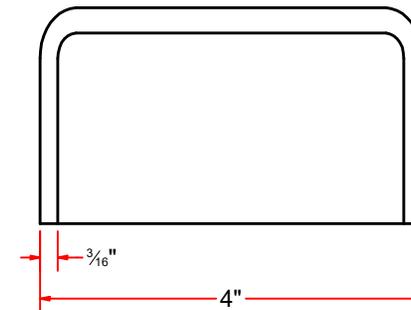
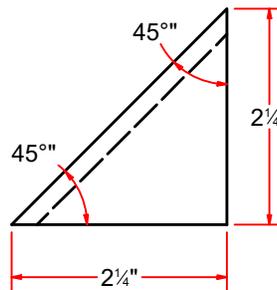
DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Sq. Tube 4" x 4" x 15" LG	
RELEASE DATE	7/30/2021	PART NUMBER: TR1BAA0513	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 11 of 42



Sq. Tube 2"x 2" x 7" LG



Sq. Tube 4" x 4" x 3 3/16" LG



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DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Sq. Tube 2"x 2" x 7" LG	
RELEASE DATE	7/30/2021	PART NUMBER: TR1BAC0513	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 12 of 42

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TR1DB0304 - Top Brush Bumper Assembly

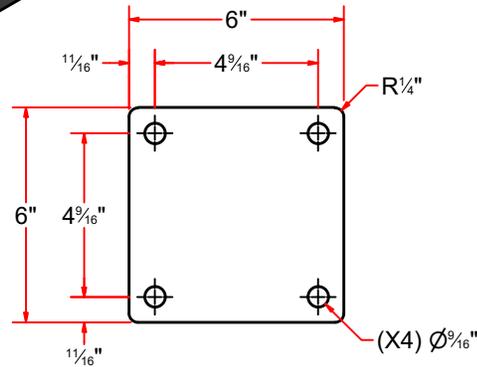
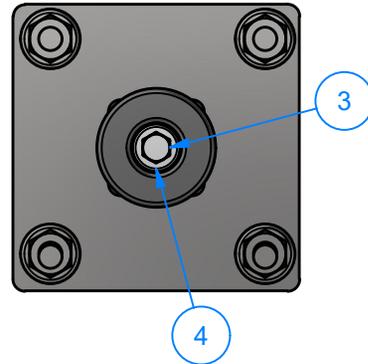
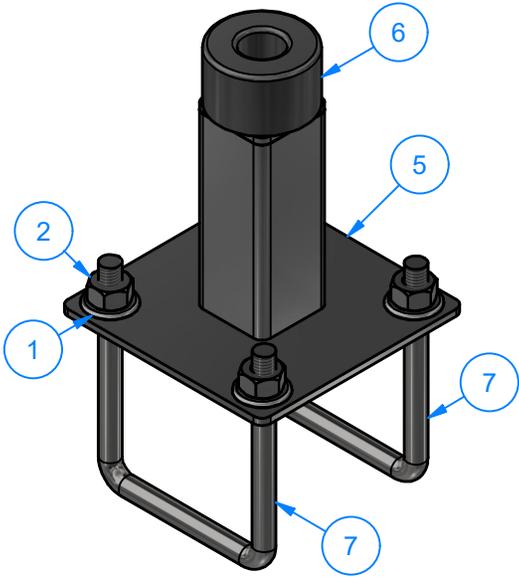


Plate # 3/16 Ga x 6" x 6"

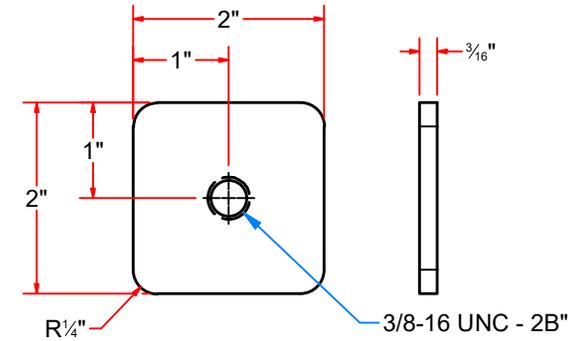
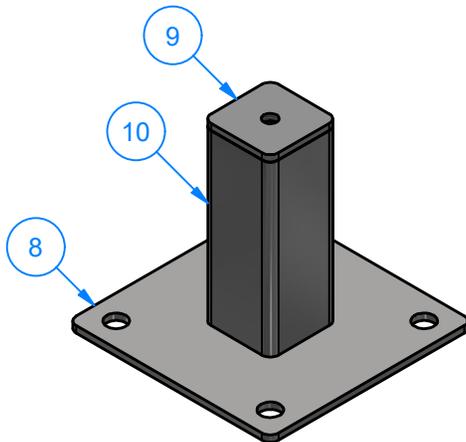


Plate #3/16" x 2" x 2" LG.



Parts List		
ITEM	QTY	DESCRIPTION
1	4	1/2" Flat Washer
2	4	1/2-13 Hex Nut
3	1	3/8" - 16 x 1" UNC Hex Screw
4	1	3/8" Flat Washer
5	1	Rubber Stop Weldment
6	1	Rubber Stop OD 2.5"
7	2	Square U Bolt D 1/2" x 4" x 6 1/4" LG

Parts List		
ITEM	QTY	DESCRIPTION
8	1	Plate # 3/16 Ga x 6" x 6"
9	1	Plate #3/16" x 2" x 2" LG.
10	1	Sq. Tube 2" x 2" x 5" LG

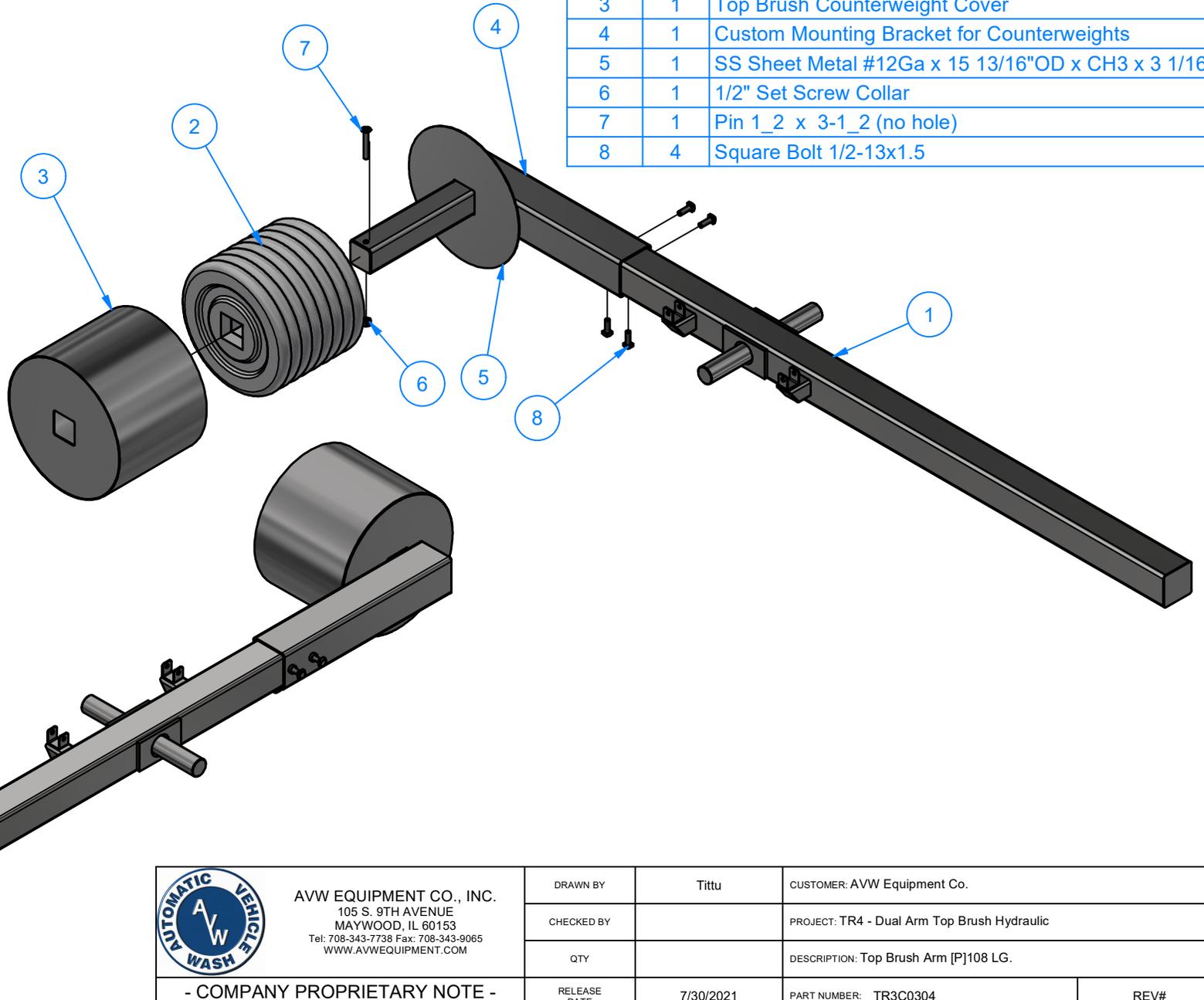
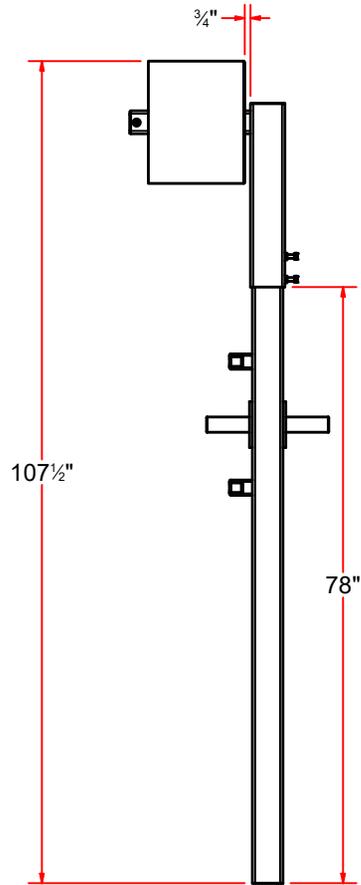


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DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Top Brush Bumper Assembly	
RELEASE DATE	7/30/2021	PART NUMBER: TR1DB0304	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: 6 lbmass
			SHEET 13 of 42

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TR3C0304 - Top Brush Arm [P]108 LG.



Parts List		
ITEM	QTY	DESCRIPTION
1	1	Top Brush Arm 108" LG. - LFT.
2	8	Counterweight 25 lb
3	1	Top Brush Counterweight Cover
4	1	Custom Mounting Bracket for Counterweights
5	1	SS Sheet Metal #12Ga x 15 13/16"OD x CH3 x 3 1/16"
6	1	1/2" Set Screw Collar
7	1	Pin 1_2 x 3-1_2 (no hole)
8	4	Square Bolt 1/2-13x1.5

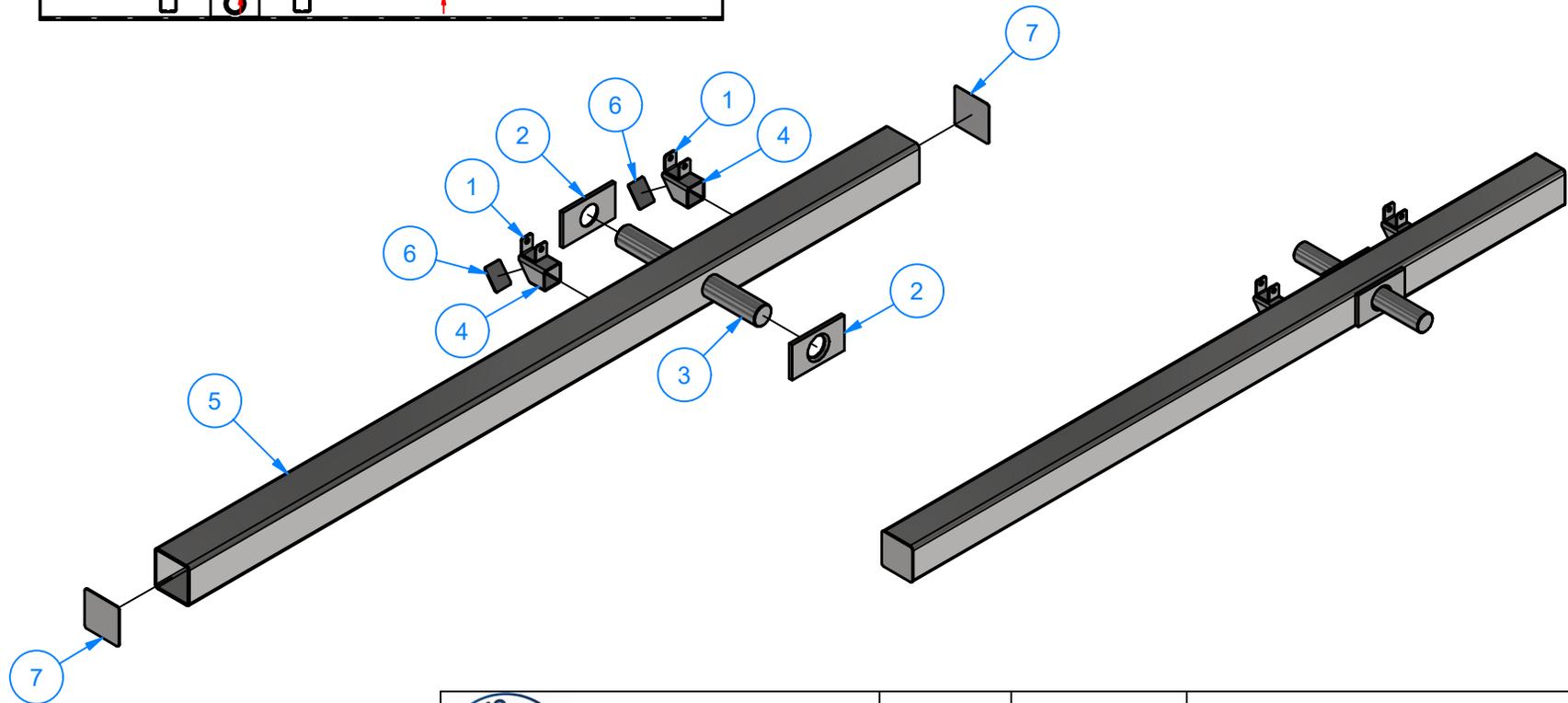
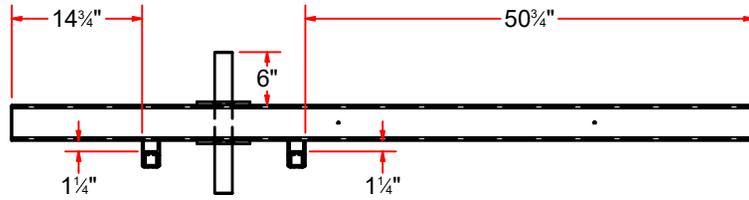


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DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Top Brush Arm [P]108 LG.	
RELEASE DATE	7/30/2021	PART NUMBER: TR3C0304	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: 544 lbmass
			SHEET 14 of 42

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R-TR3AAA - TOP BRUSH ARM 108" LG. - LFT.



Parts List		
ITEM	QTY	DESCRIPTION
1	2	Shock Absorber Bracket #1/8" x 1 1/4" x 4 9/16" LG.
2	2	Plate #3/8" x 3 1/2" x 6" LG.
3	1	Rod 2" OD x 16" LG.
4	2	Sq. Tube #11Ga.(1/8") x 2"x 2" x 3" LG.
5	1	Sq. Tube 4" x 4" x 84" LG
6	2	SS Sheet Metal #12Ga x 1 3/4" x 2 1/4" LG.
7	2	Sq. SS Plate 14Ga x 3 15/16

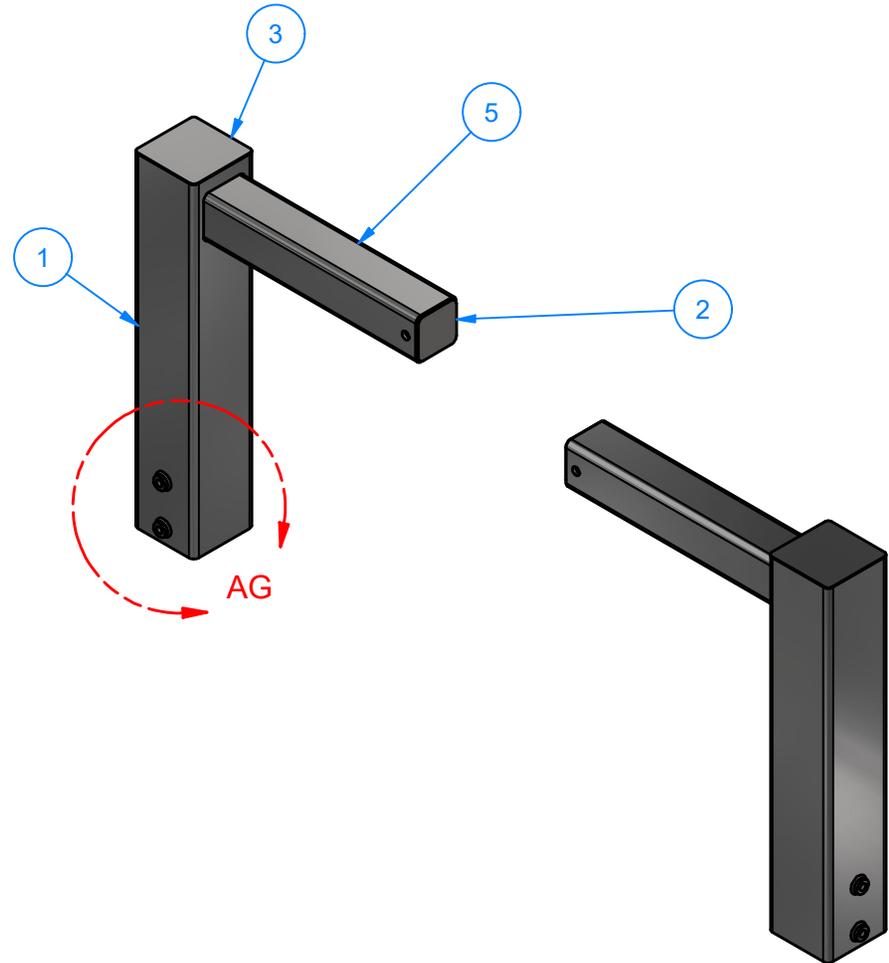
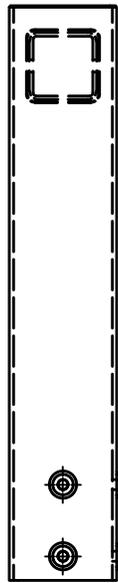
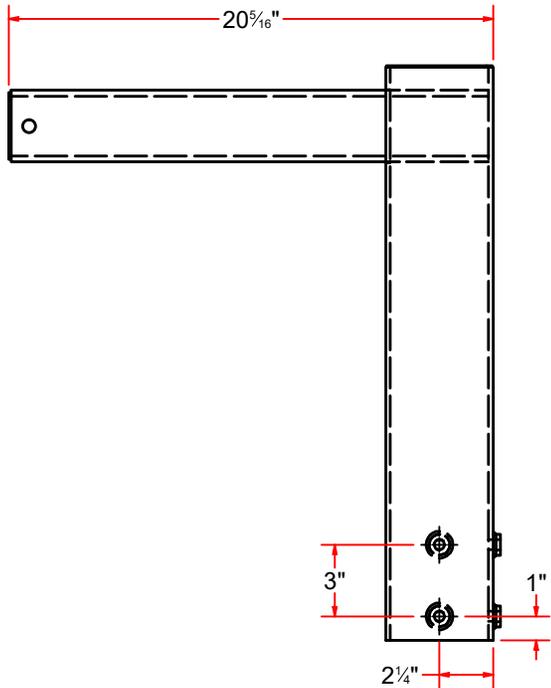


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DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: TOP BRUSH ARM 108" LG. - LFT.	
RELEASE DATE	7/30/2021	PART NUMBER: R-TR3AAA	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: 29 lbmass
PATH:L:\Designs\Product Lines\Tommy Car Wash\R-TR3-EL - Rainbow Dual Arm Top Brush [Electric]\Parts\R-TR3-TBA-00.iam			SHEET 15 of 42

TR1D - Custom Mounting Bracket for Counterweights



4 [DETAIL AG](#)

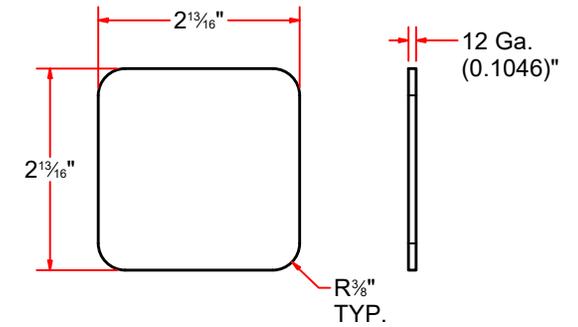
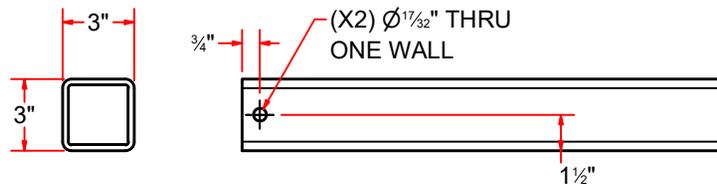
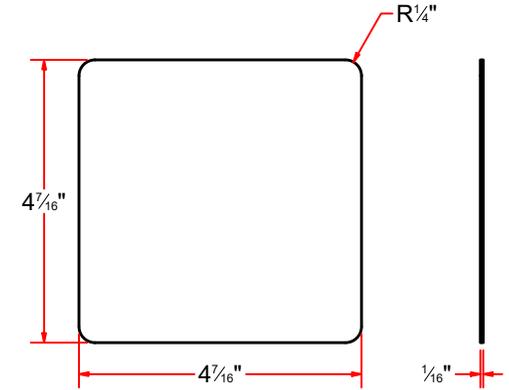
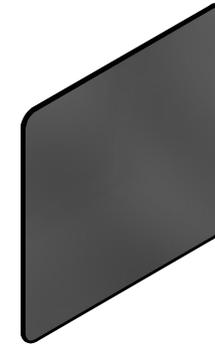
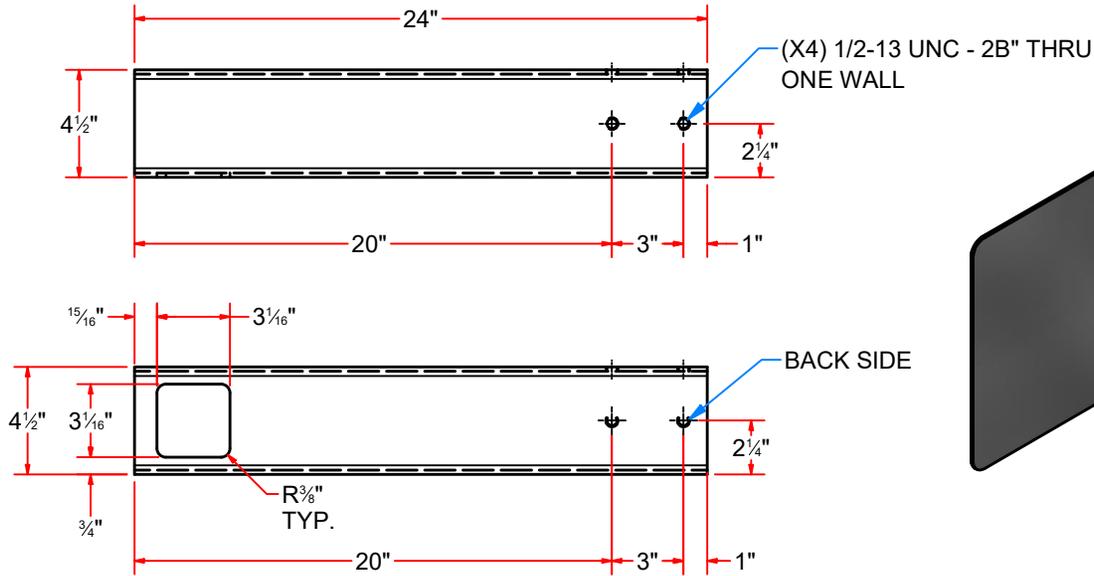
Parts List		
ITEM	QTY	DESCRIPTION
1	1	Sq. Tube x 4 1/2" x 4 1/2" x 24" LG.
2	1	Sheet Metal #12Ga x 2 13/16" x 2 13/16"
3	1	Sheet Metal #18Ga. x 4 1/2" x 4 1/2"
4	4	Sleeve Nut 1/2"
5	1	Sq. Tube #1/4" x 3" x 3" x 20" LG.



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CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Custom Mounting Bracket for Counterweights	
RELEASE DATE	7/30/2021	PART NUMBER: TR1D	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 16 of 42



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DRAWN BY

Tittu

CUSTOMER: AVW Equipment Co.

CHECKED BY

PROJECT: TR4 - Dual Arm Top Brush Hydraulic

QTY

DESCRIPTION: Sq. Tube x 4 1/2" x 4 1/2" x 24" LG.

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RELEASE DATE

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PART NUMBER: TR1EA

REV#

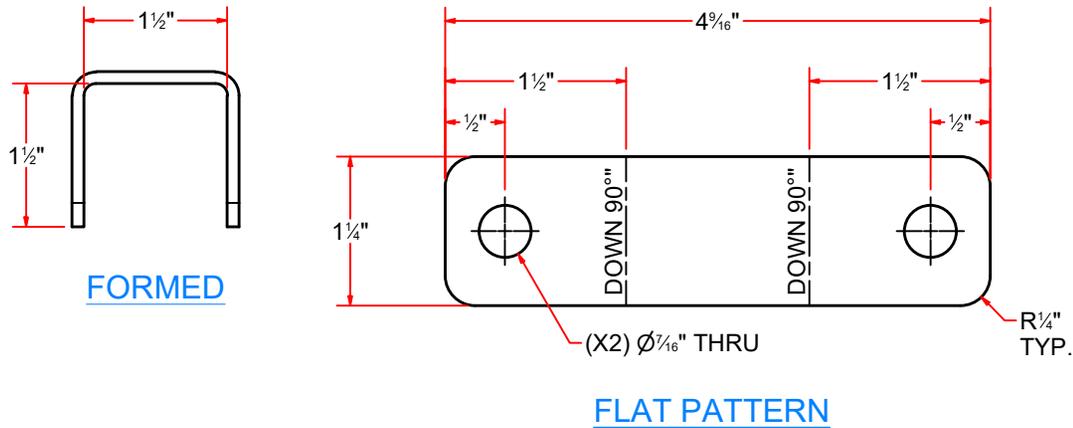
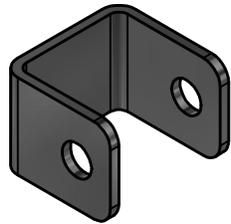
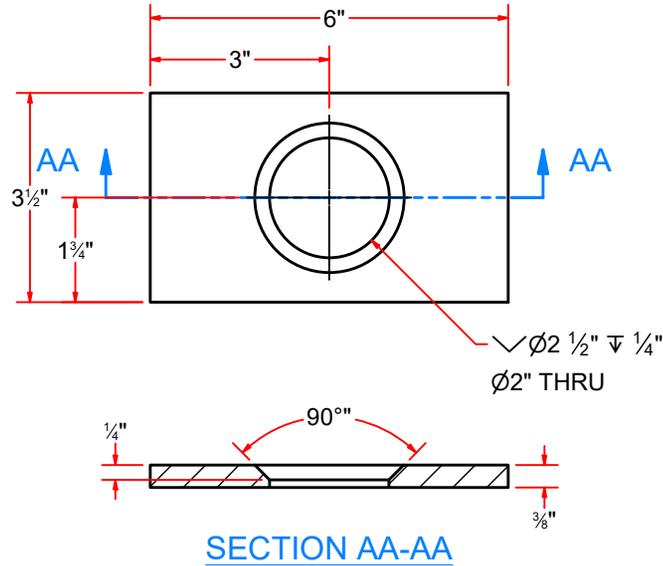
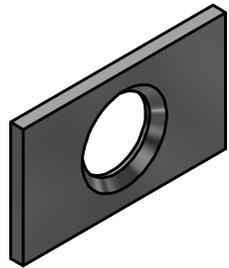
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SIZE
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EST WEIGHT:

SHEET 17 of 42

TOP BRUSH ARM - Parts



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Tittu

CUSTOMER: AVW Equipment Co.

CHECKED BY

PROJECT: TR4 - Dual Arm Top Brush Hydraulic

QTY

DESCRIPTION: Plate #3/8" x 3 1/2" x 6" LG.

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RELEASE DATE

7/30/2021

PART NUMBER: TR1CAA0304

REV#

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

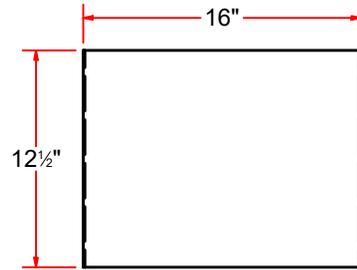
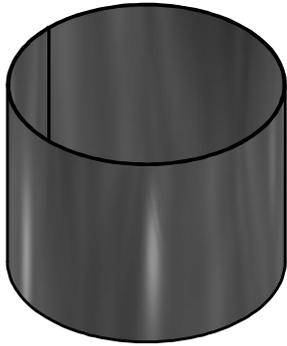
SIZE
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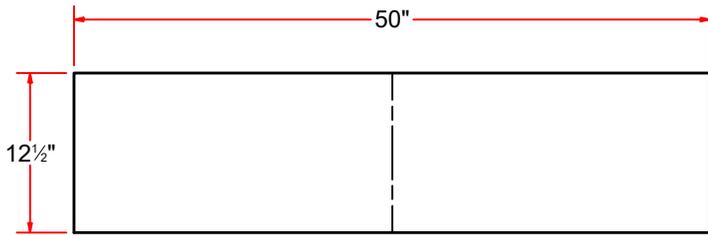
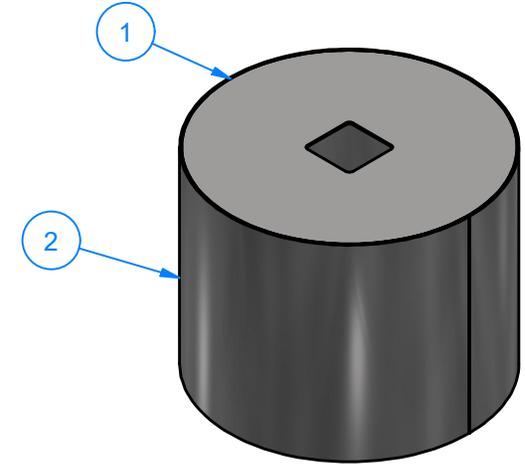
SHEET 18 of 42

TR1FH - Top Brush Counterweight Cover

Parts List		
ITEM	QTY	DESCRIPTION
1	1	SS Sheet Metal #12Ga x 15 13/16"OD x CH3 x 3 1/16"
2	1	SS Sheet Metal #14Ga x 12 1/2" x 50" LG.

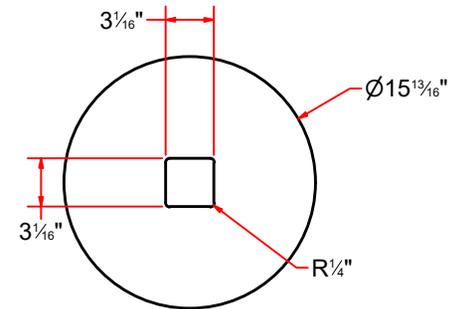


FORMED



FLAT PATTERN

SS Sheet Metal #14Ga x 12 1/2" x 50" LG.



SS Sheet Metal #12Ga x 15 13/16"OD x CH3 x 3 1/16"



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Tittu

CUSTOMER: AVW Equipment Co.

CHECKED BY

PROJECT: TR4 - Dual Arm Top Brush Hydraulic

QTY

DESCRIPTION: Top Brush Counterweight Cover

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RELEASE DATE

7/30/2021

PART NUMBER: TR1FH

REV#

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

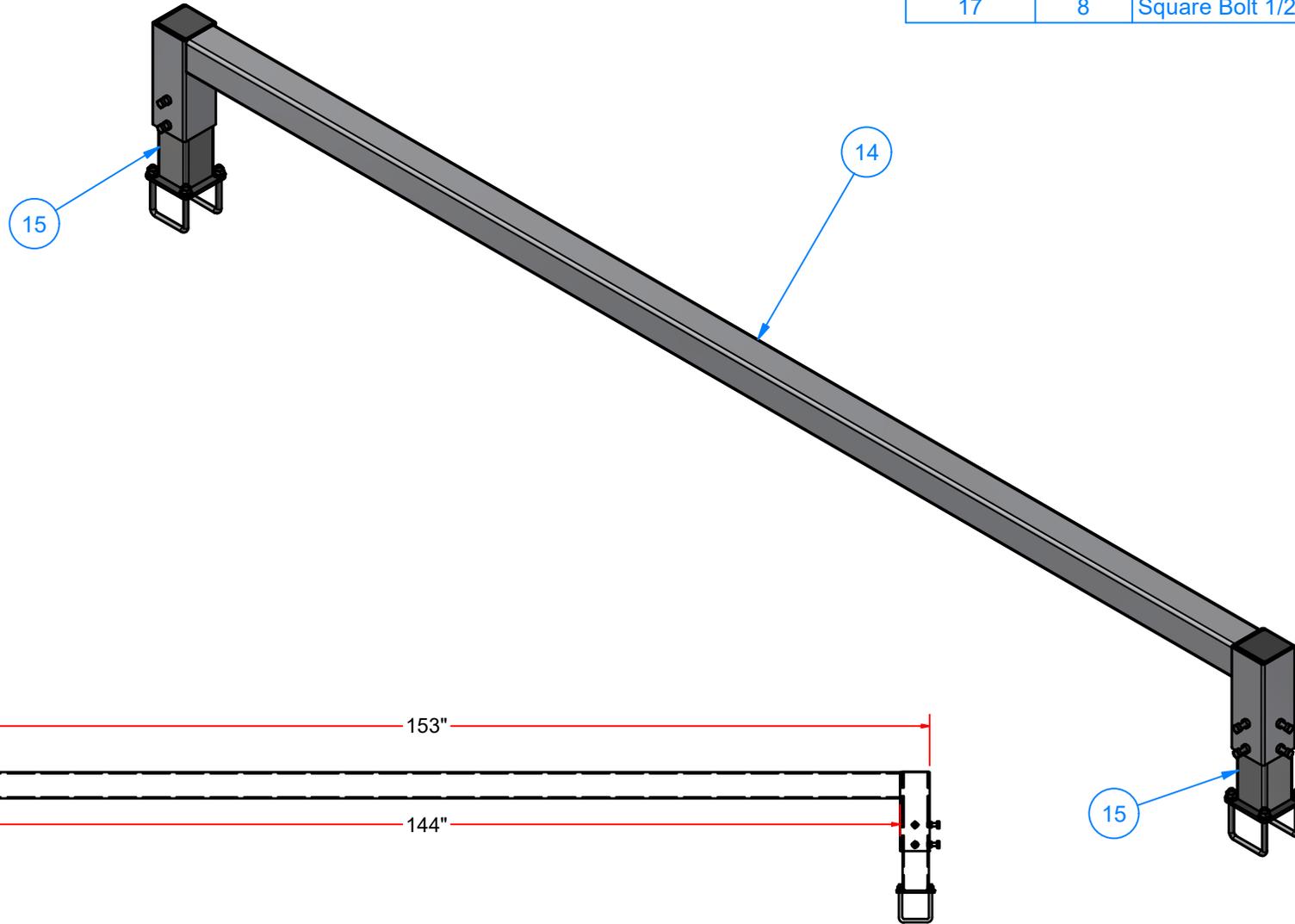
SIZE
A

EST WEIGHT: 19 lbmass

SHEET 19 of 42

TR4C - Dual Arm Top Brush Crossbar

Parts List		
ITEM	QTY	DESCRIPTION
14	1	Dual Arm Top Brush Crossbar
15	2	Crossbar leg assembly
17	8	Square Bolt 1/2-13x1.5



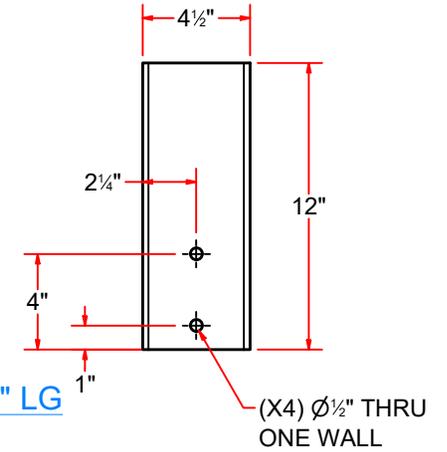
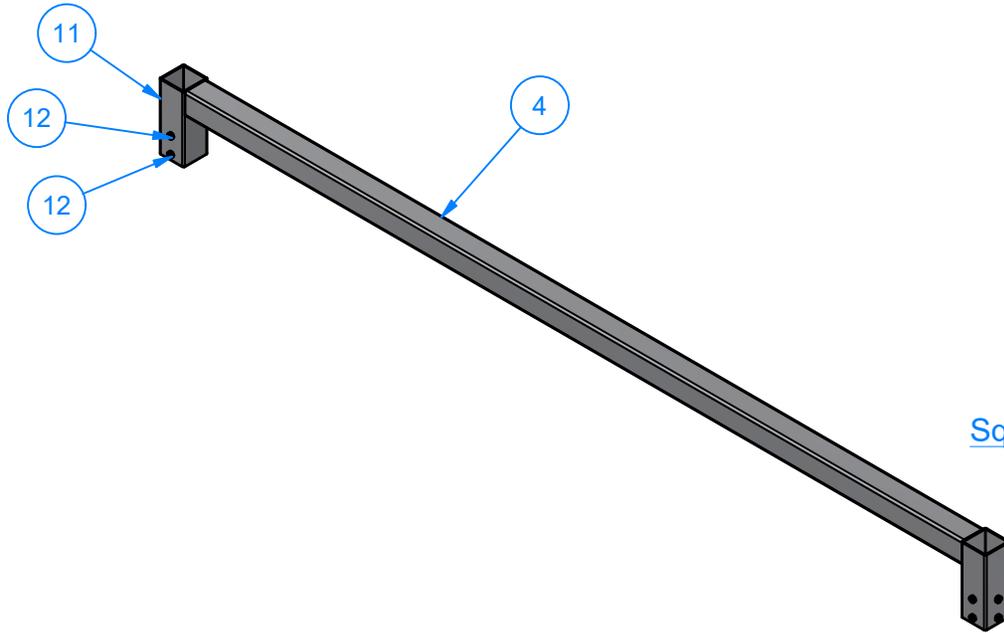
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DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Dual Arm Top Brush Crossbar	
RELEASE DATE	7/30/2021	PART NUMBER: TR4C	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 20 of 42

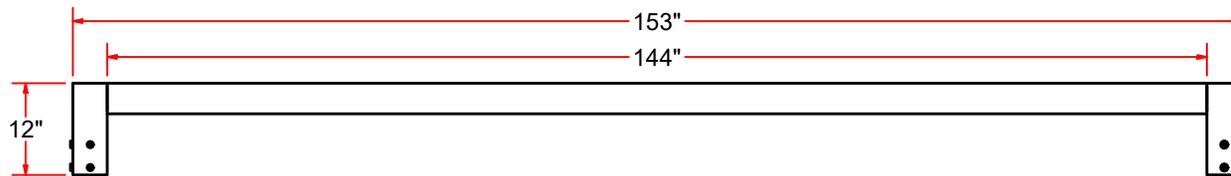
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TR4CA - Dual Arm Top Brush Crossbar

Parts List		
ITEM	QTY	DESCRIPTION
4	1	Sq. Tube #7Ga. 4" x 4" x 144" L.G.
11	2	Sq.Tubing [7 Ga.] 4 1/2" x 12" LG
12	8	Sleeve Nut 1/2"



Sq.Tubing [7 Ga.] 4 1/2" x 12" LG



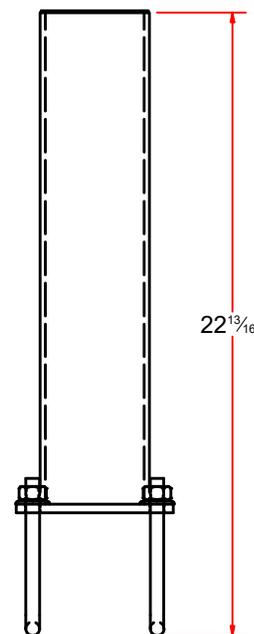
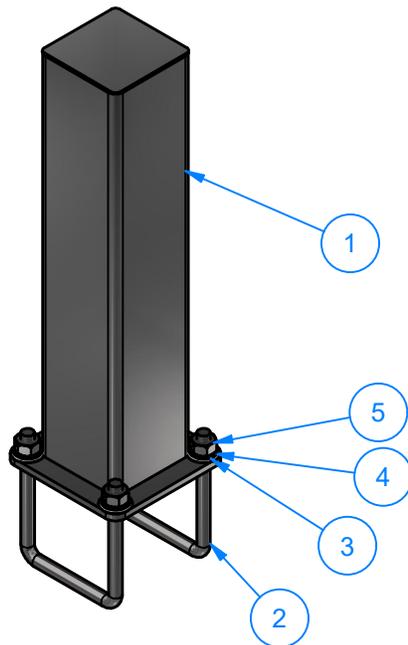
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DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Dual Arm Top Brush Crossbar	
RELEASE DATE	7/30/2021	PART NUMBER: TR4CA	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 21 of 42

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TR4CB - Crossbar leg assembly

Parts List		
ITEM	QTY	DESCRIPTION
1	1	Crossbar leg Weldment
2	2	Square U Bolt D 1/2" x 4" x 6 1/4" LG
3	4	1/2" Flat Washer
4	4	1/2" Split Lock Washer
5	4	1/2-13 Hex Nut



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DRAWN BY

Tittu

CUSTOMER: AVW Equipment Co.

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PROJECT: TR4 - Dual Arm Top Brush Hydraulic

QTY

DESCRIPTION: Crossbar leg assembly

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RELEASE DATE

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PART NUMBER: TR4CB

REV#

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

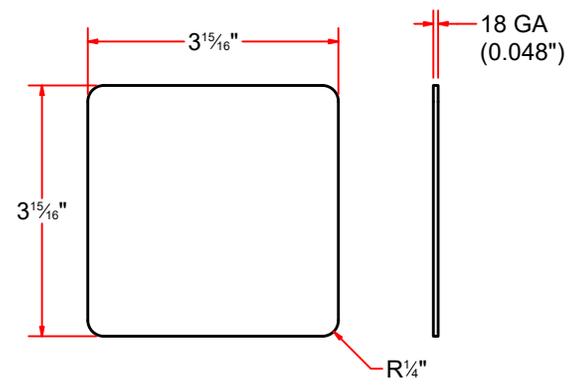
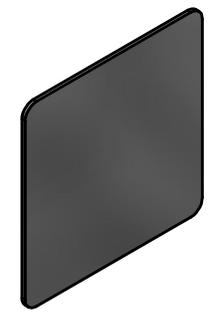
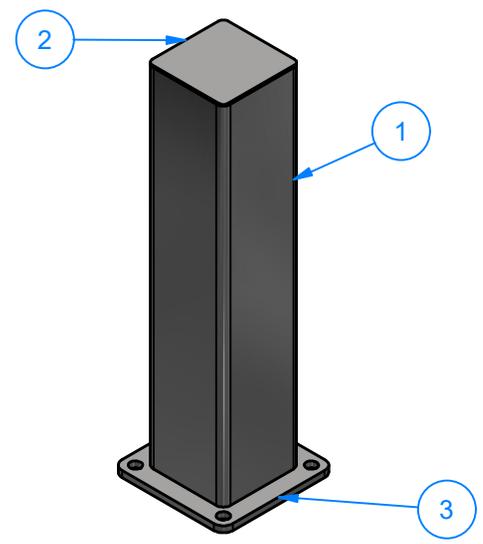
SIZE
A

EST WEIGHT:

SHEET 22 of 42

TR4CBA - Crossbar leg Weldment

Parts List		
ITEM	QTY	DESCRIPTION
1	1	Sq. Tube #7Ga. 4" x 4" x 18" L.G.
2	1	Sq. SS Plate 14Ga x 3 15/16
3	1	SS Plate #5/16" x 5 3/4" x 5 3/4"



Sq. SS Plate 14Ga x 3 15/16

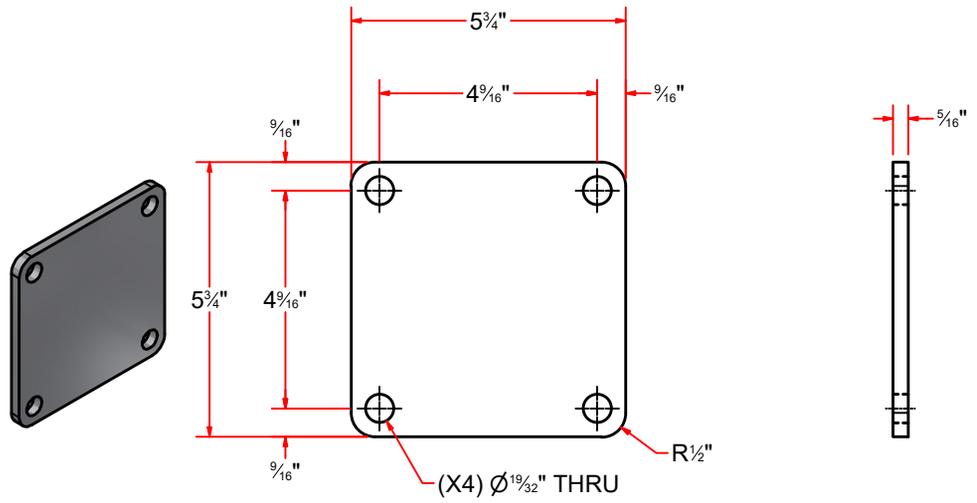


Plate #5/16" x 5 3/4" x 5 3/4"

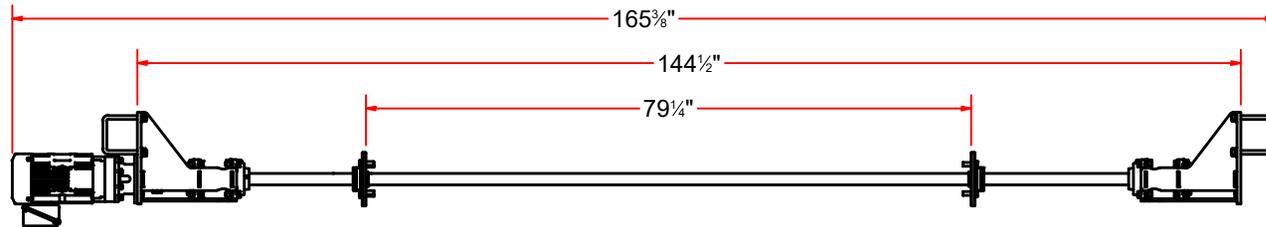
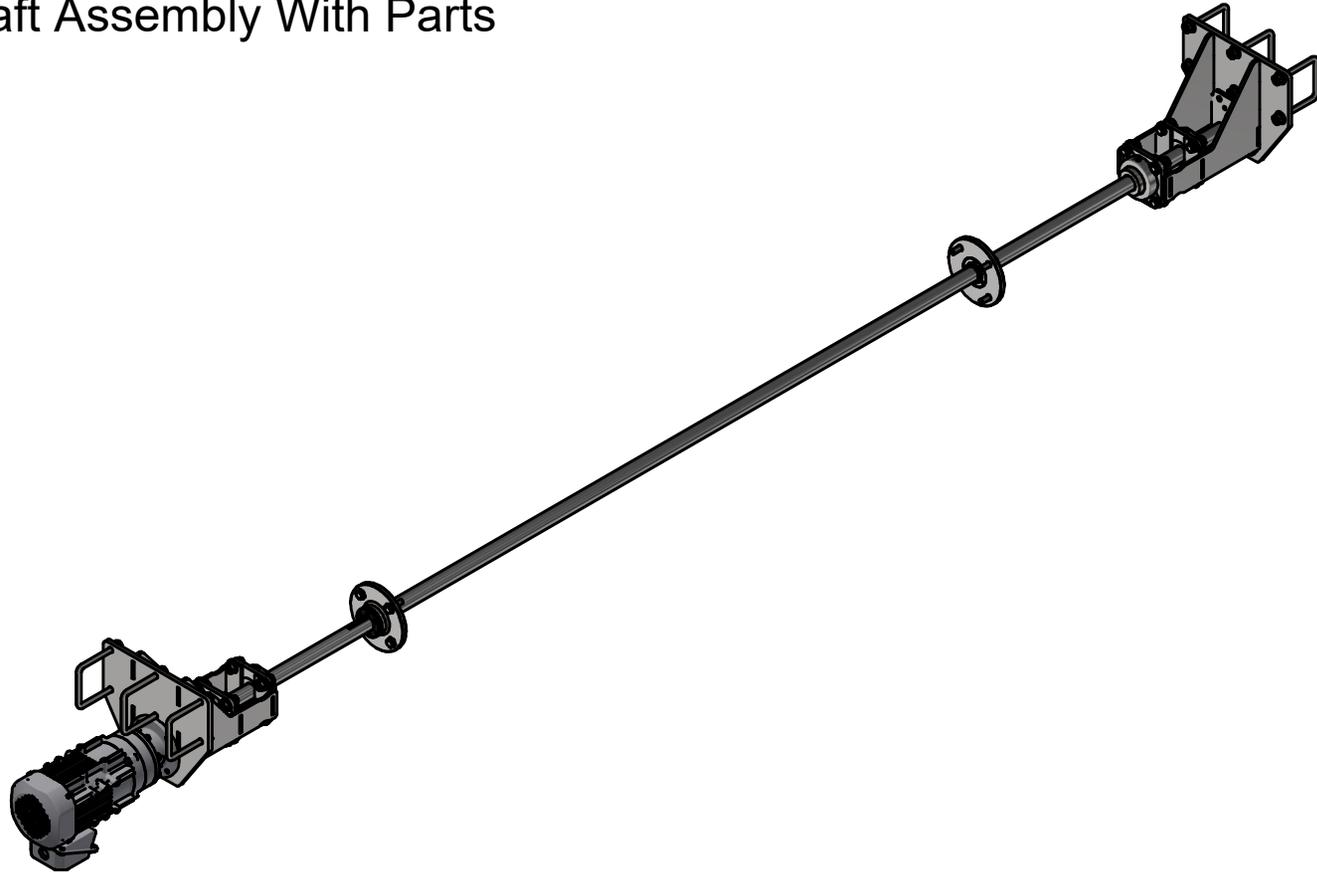


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CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Plate #5/16" x 5 3/4" x 5 3/4"	
RELEASE DATE	7/30/2021	PART NUMBER: PLSS313X0575X0575X4H	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 23 of 42

TR4G-EL - Shaft Assembly With Parts



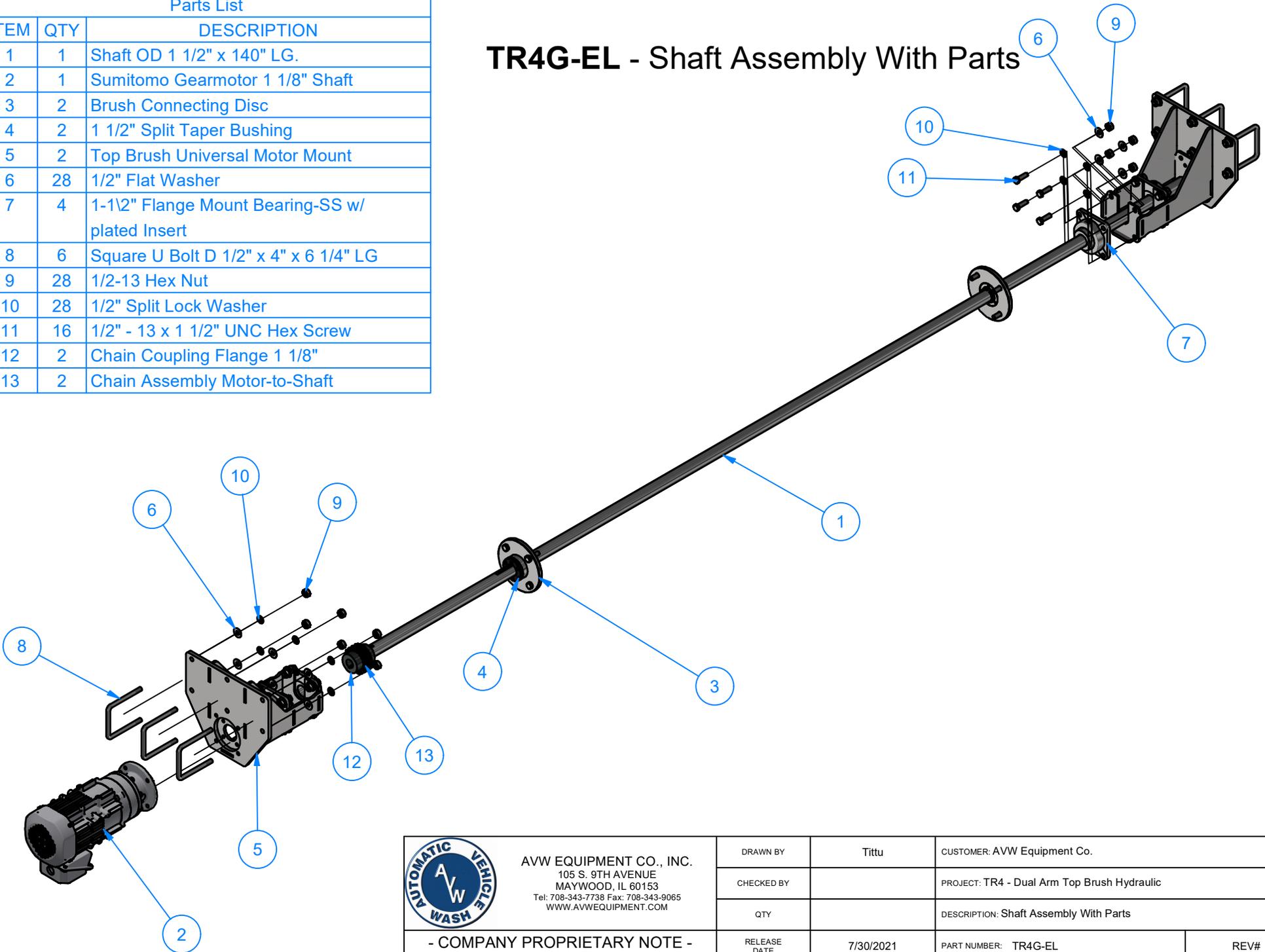
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CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Shaft Assembly With Parts	
RELEASE DATE	7/30/2021	PART NUMBER: TR4G-EL	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 24 of 42

Parts List		
ITEM	QTY	DESCRIPTION
1	1	Shaft OD 1 1/2" x 140" LG.
2	1	Sumitomo Gearmotor 1 1/8" Shaft
3	2	Brush Connecting Disc
4	2	1 1/2" Split Taper Bushing
5	2	Top Brush Universal Motor Mount
6	28	1/2" Flat Washer
7	4	1-1/2" Flange Mount Bearing-SS w/ plated Insert
8	6	Square U Bolt D 1/2" x 4" x 6 1/4" LG
9	28	1/2-13 Hex Nut
10	28	1/2" Split Lock Washer
11	16	1/2" - 13 x 1 1/2" UNC Hex Screw
12	2	Chain Coupling Flange 1 1/8"
13	2	Chain Assembly Motor-to-Shaft

TR4G-EL - Shaft Assembly With Parts

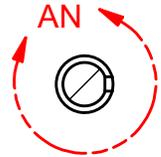
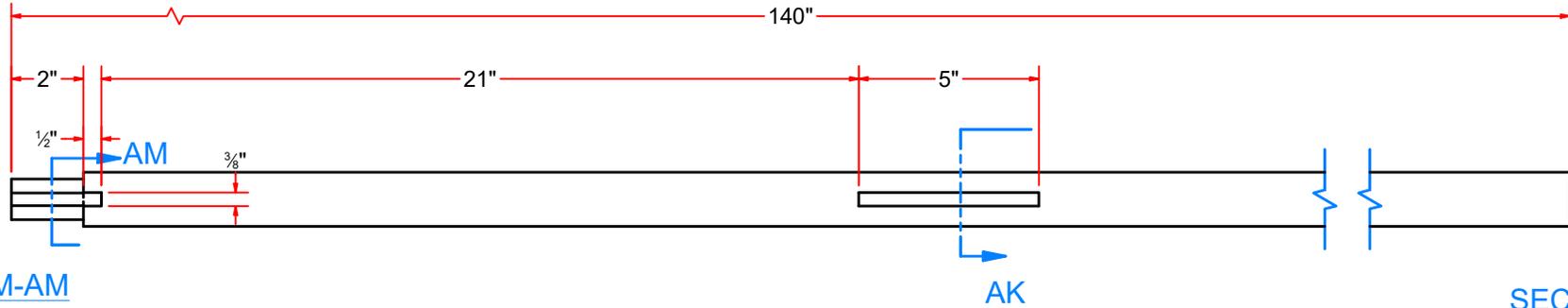


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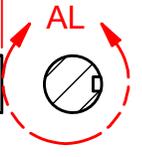
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DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Shaft Assembly With Parts	
RELEASE DATE	7/30/2021	PART NUMBER: TR4G-EL	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 25 of 42

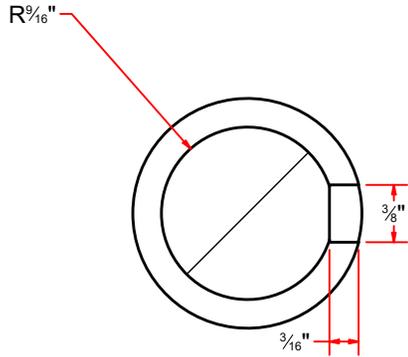
TR4GB-EL - Shaft OD 1 1/2" x 140" LG.



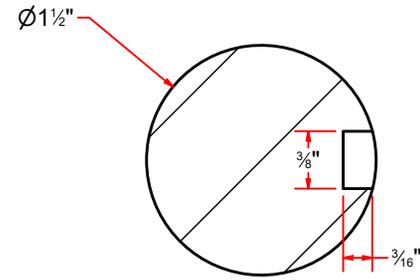
SECTION AM-AM
SCALE 1 / 5



SECTION AK-AK
SCALE 1 / 5



DETAIL AN



DETAIL AL



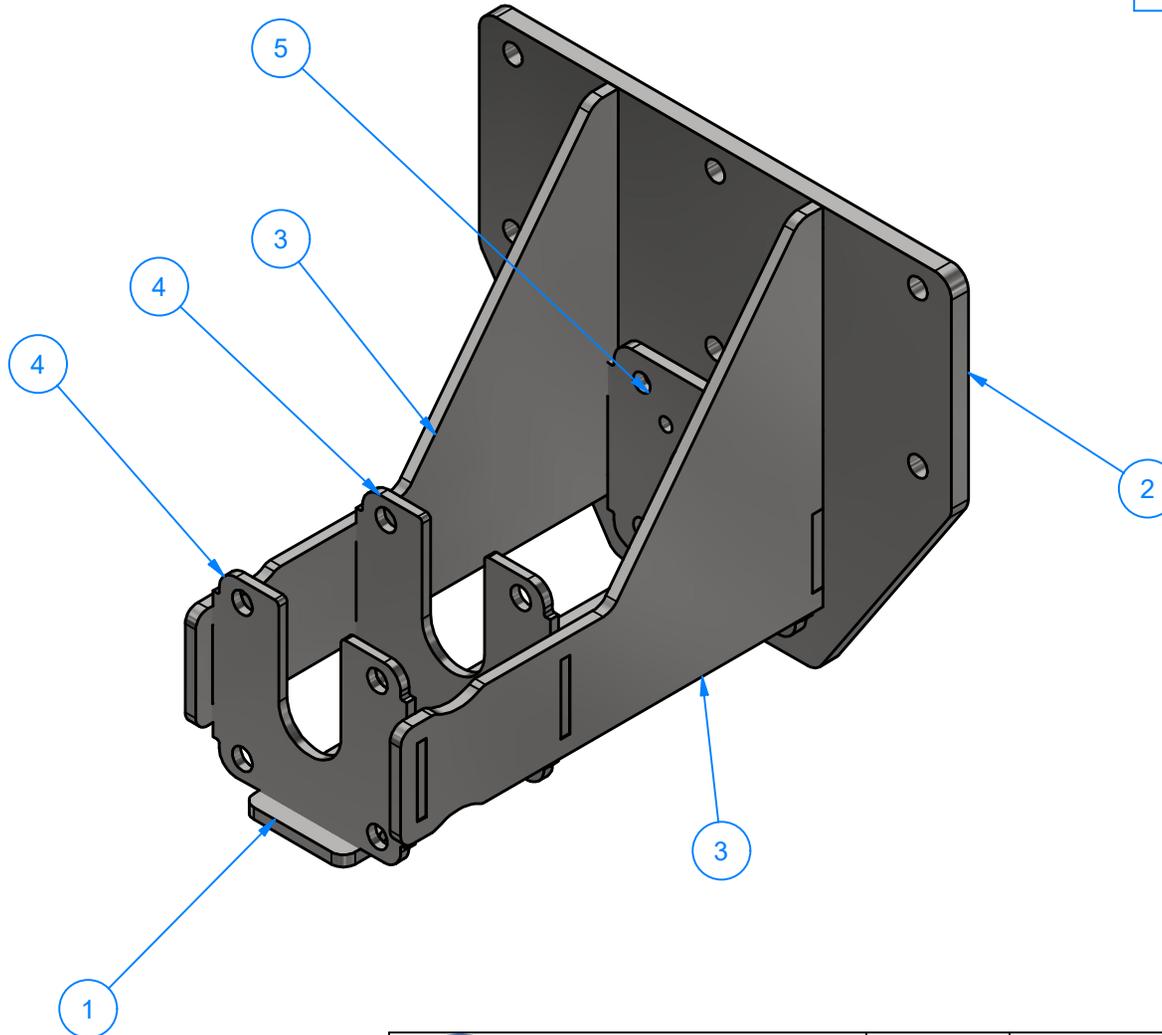
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CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Shaft OD 1 1/2" x 140" LG.	
RELEASE DATE	7/30/2021	PART NUMBER: TR4GB-EL	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 26 of 42

TR1GA-U - Top Brush Universal Motor Mount

Parts List		
ITEM	QTY	DESCRIPTION
1	1	SS Plate #5/16"x13"x3"
2	1	SS Plate #1/2"x14"x12"
3	2	SS Plate #5/16"x13"x10 1/4"
4	2	Plate #1/4"x5 1/8"x6 3/8"LG.
5	1	Plate #5/16"x5 1/8"x6 3/8"LG.

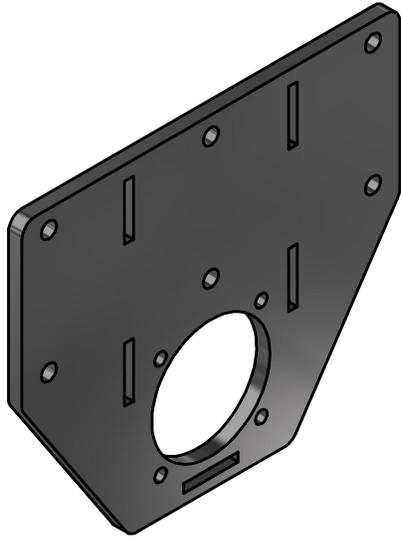


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DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Top Brush Universal Motor Mount	
RELEASE DATE	7/30/2021	PART NUMBER: TR1GA-U	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 27 of 42

MOTOR MOUNT - Parts



SS Plate #1/2"x14"x12"

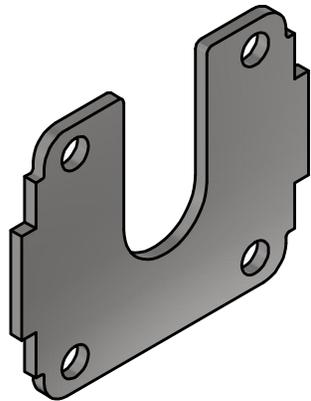
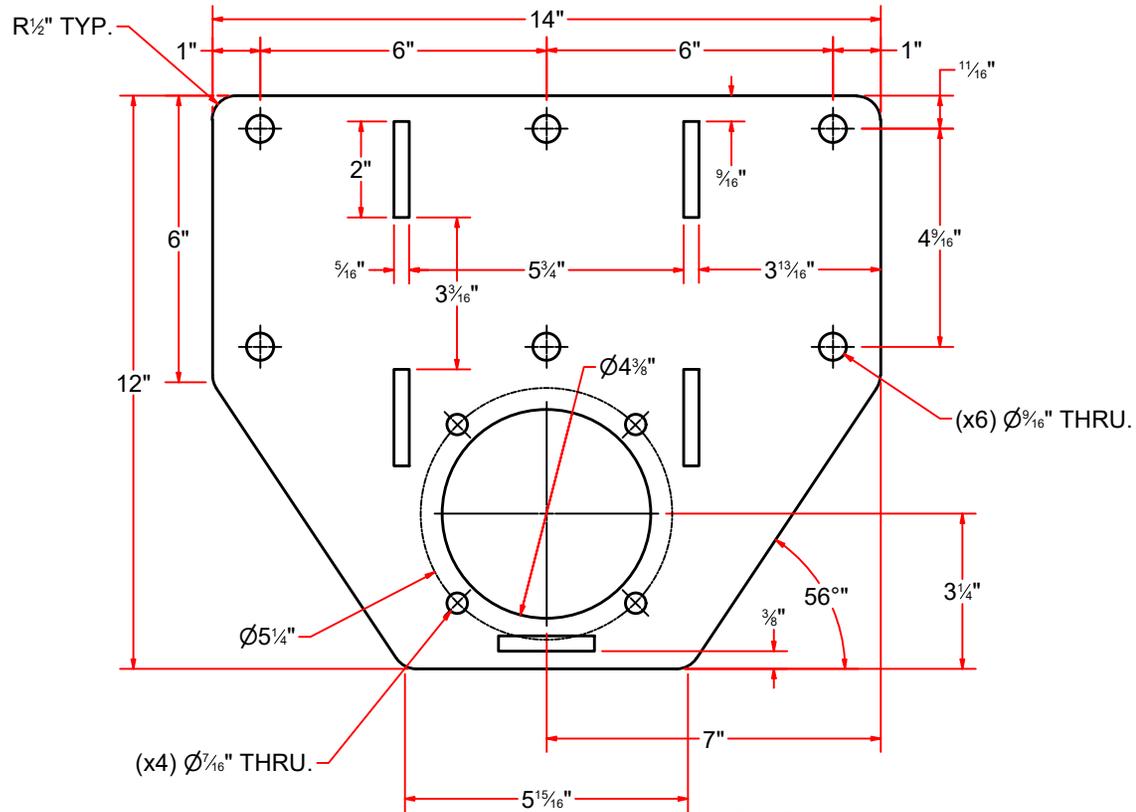
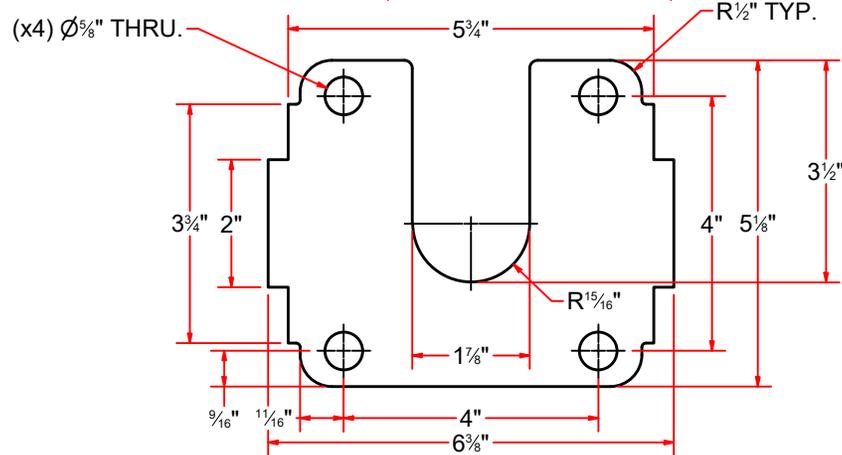


Plate #1/4"x5 1/8"x6 3/8\"LG.



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DRAWN BY

Tittu

CUSTOMER: AVW Equipment Co.

CHECKED BY

PROJECT: TR4 - Dual Arm Top Brush Hydraulic

QTY

DESCRIPTION: SS Plate #1/2"x14"x12"

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RELEASE DATE

7/30/2021

PART NUMBER: TR1GAB-U

REV#

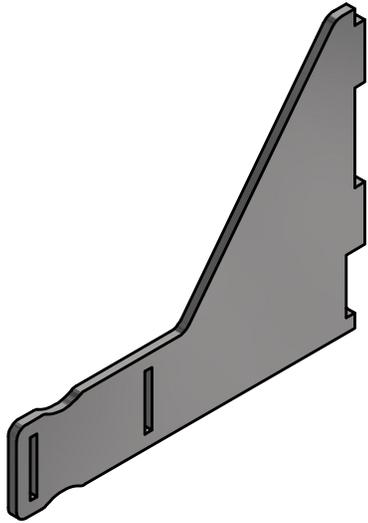
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.

SIZE
A

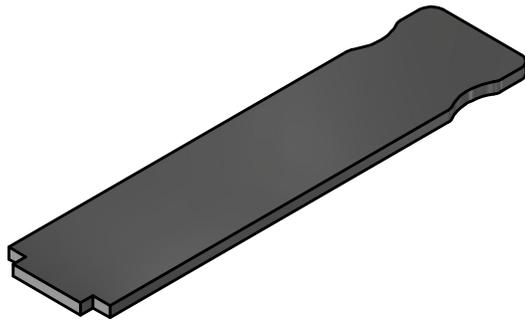
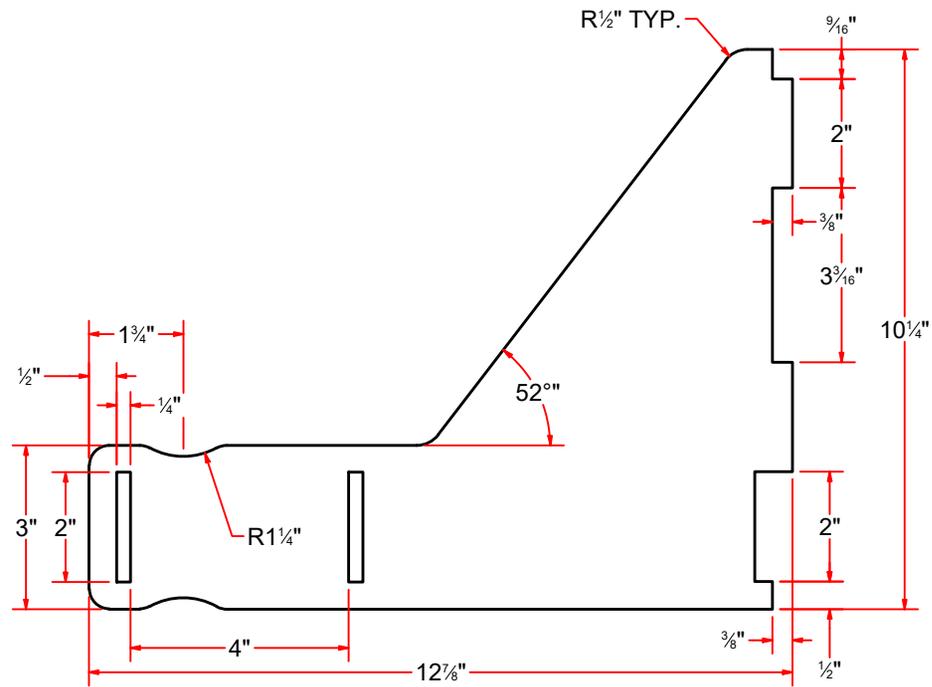
EST WEIGHT:

SHEET 28 of 42

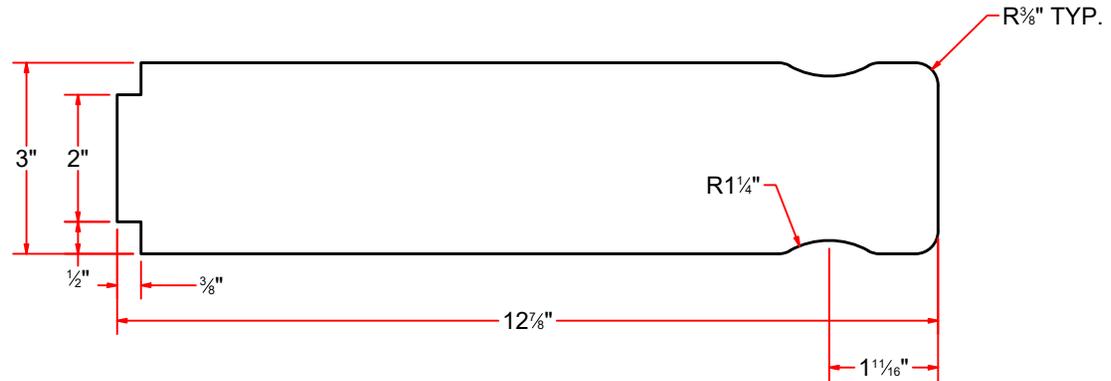
MOTOR MOUNT - Parts



SS Plate #5/16"x13"x10 1/4"



SS Plate #5/16"x13"x3"



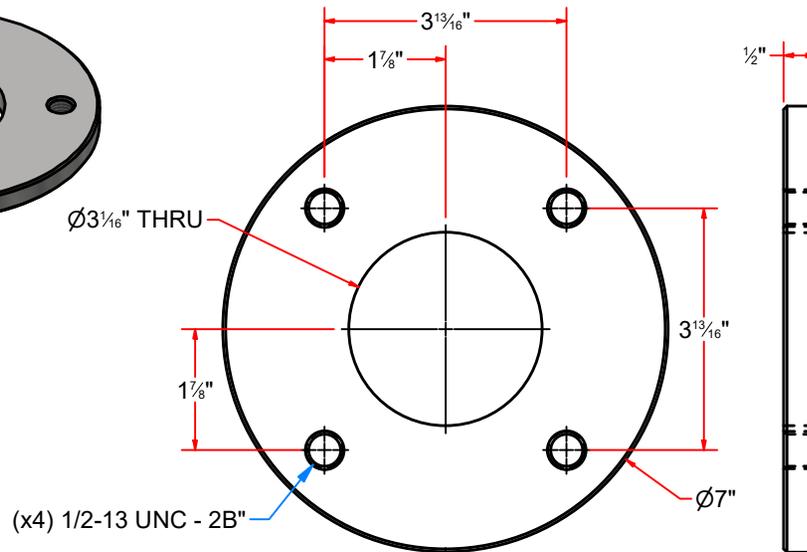
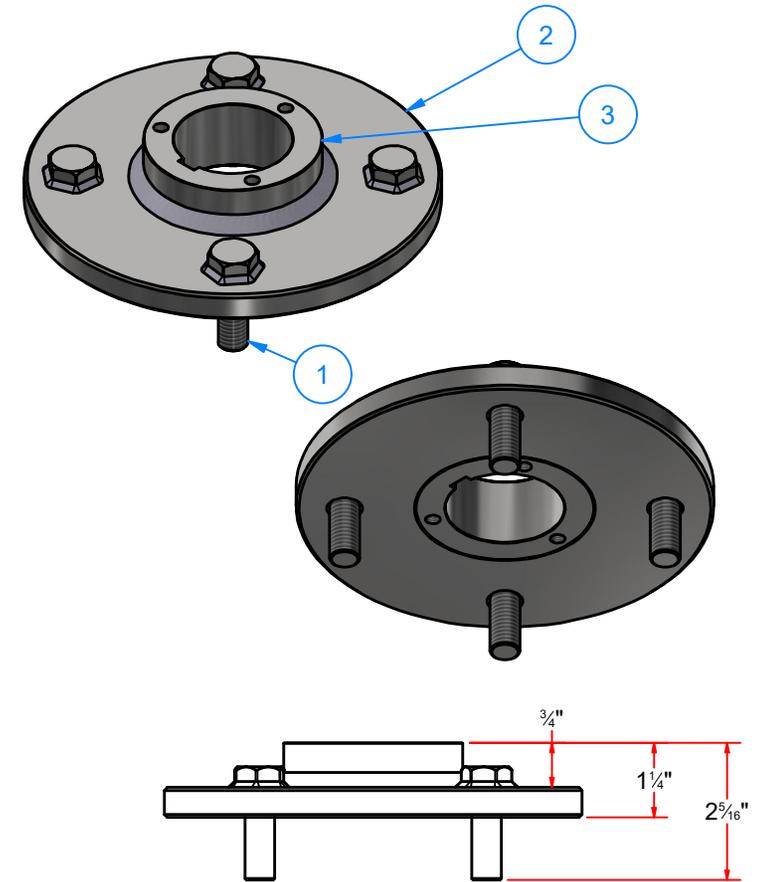
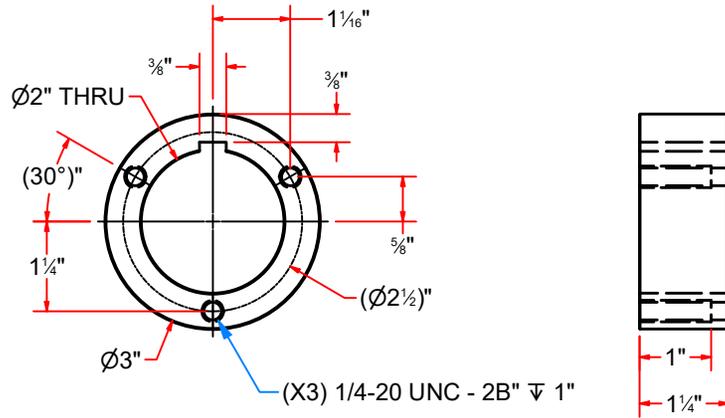
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DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: SS Plate #5/16"x13"x10 1/4"	
RELEASE DATE	7/30/2021	PART NUMBER: TR1GAC-U	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 29 of 42

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RB2AEB-P1-1-0106 - Brush Connecting Disc

Parts List		
ITEM	QTY	DESCRIPTION
1	4	1/2"-13 x 1 1/2" L Hex Screw
2	1	Oscillating Plate #1/2" x 7" O.D.
3	1	Weld on Hub



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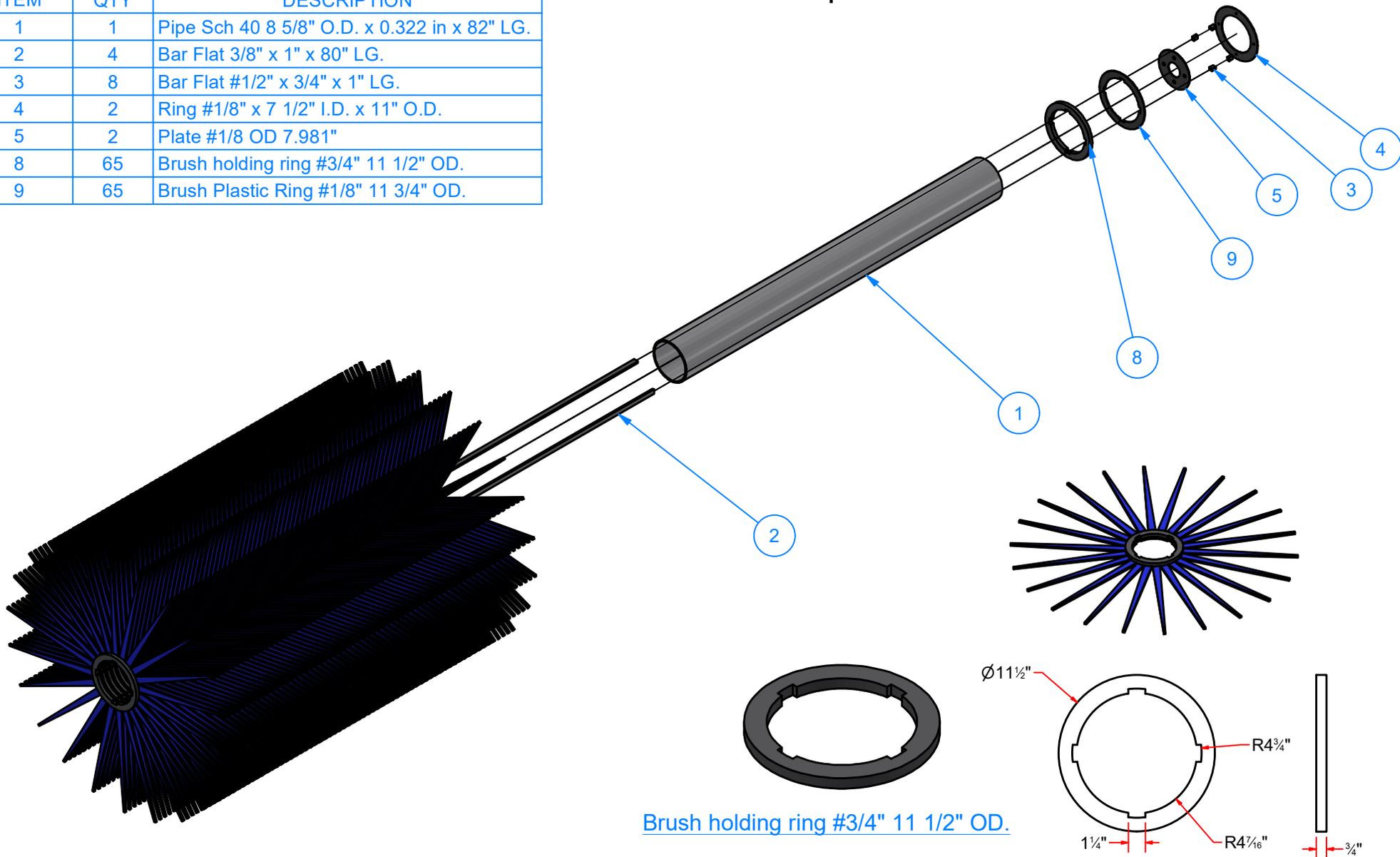
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DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Brush Connecting Disc	
RELEASE DATE	7/30/2021	PART NUMBER: RB2AEB-P1-1-0106	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: 1 lbmass
			SHEET 31 of 42

Parts List

ITEM	QTY	DESCRIPTION
1	1	Pipe Sch 40 8 5/8" O.D. x 0.322 in x 82" LG.
2	4	Bar Flat 3/8" x 1" x 80" LG.
3	8	Bar Flat #1/2" x 3/4" x 1" LG.
4	2	Ring #1/8" x 7 1/2" I.D. x 11" O.D.
5	2	Plate #1/8 OD 7.981"
8	65	Brush holding ring #3/4" 11 1/2" OD.
9	65	Brush Plastic Ring #1/8" 11 3/4" OD.

TR1H - Top Brush w/ Core



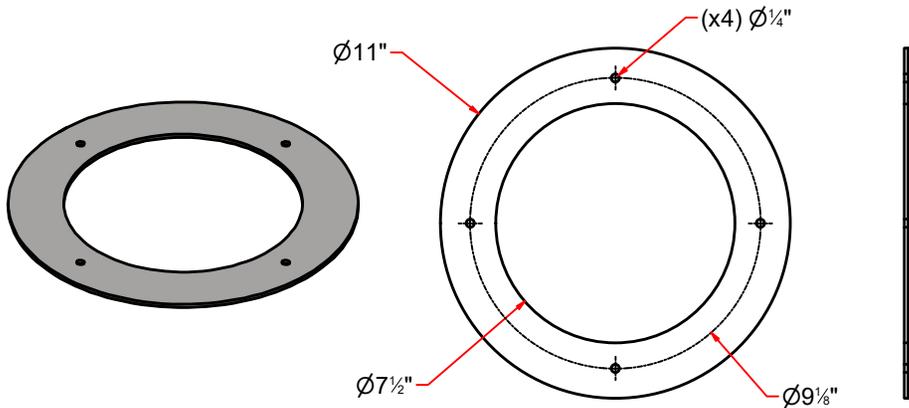
Brush holding ring #3/4" 11 1/2" OD.



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DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Top Brush w/ Core	
RELEASE DATE	7/30/2021	PART NUMBER: TR1H	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: 638 lbmass
			SHEET 32 of 42



Ring #1/8" x 7 1/2" I.D. x 11" O.D.

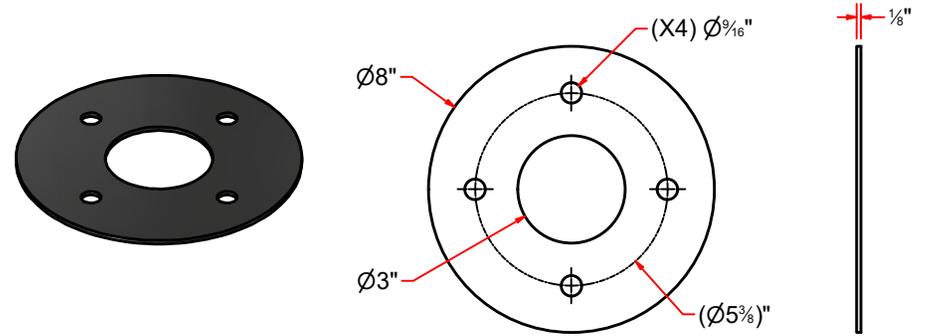
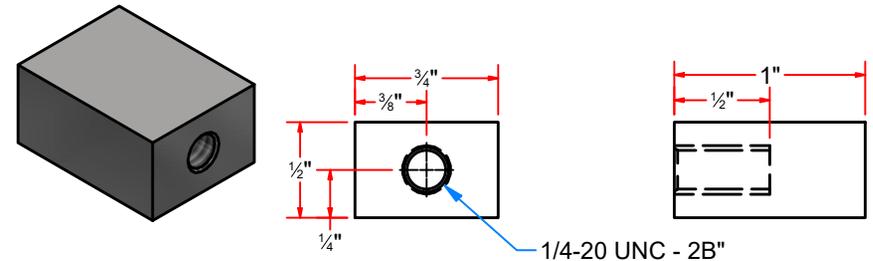


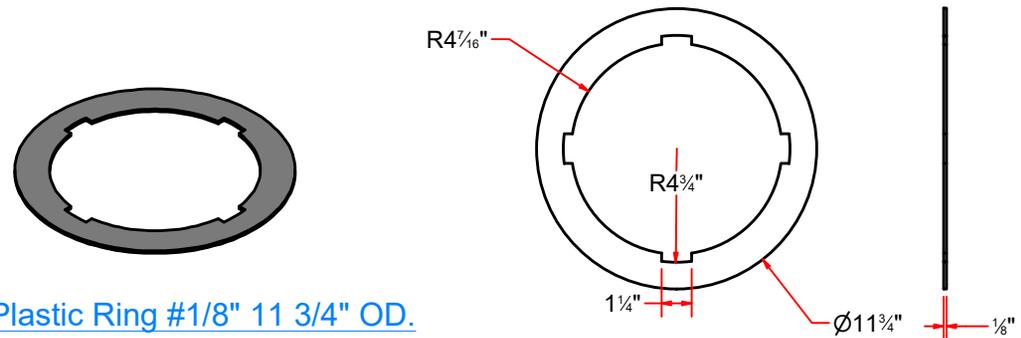
Plate #1/8 OD 7.981"



Pipe Sch 40 8 5/8" O.D. x 0.322 in x 82" LG.



Bar Flat #1/2" x 3/4" x 1" LG.



Brush Plastic Ring #1/8" 11 3/4" OD.



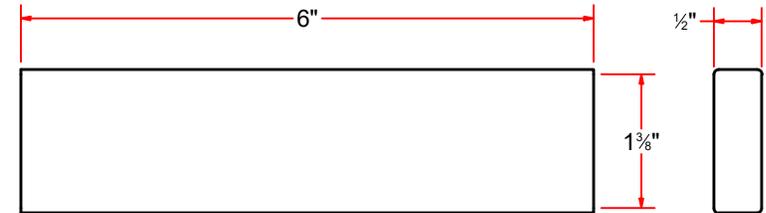
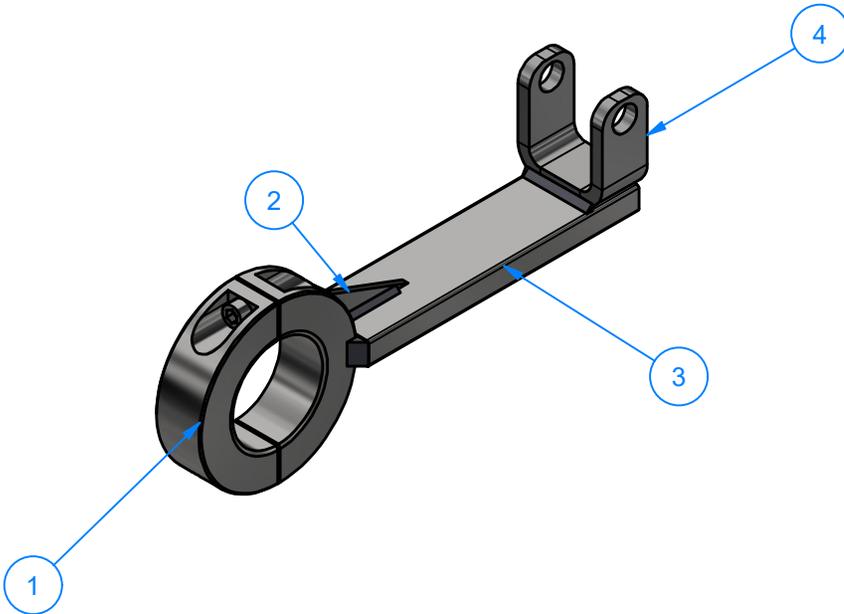
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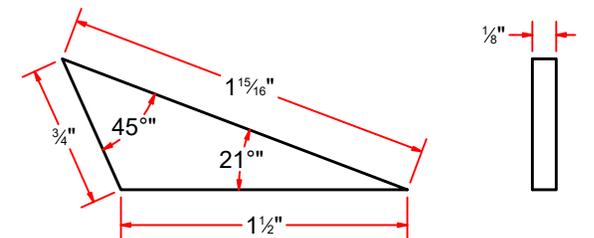
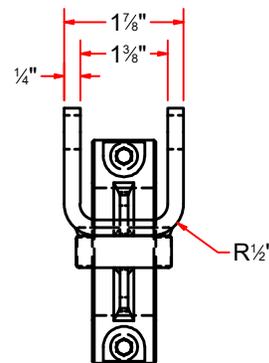
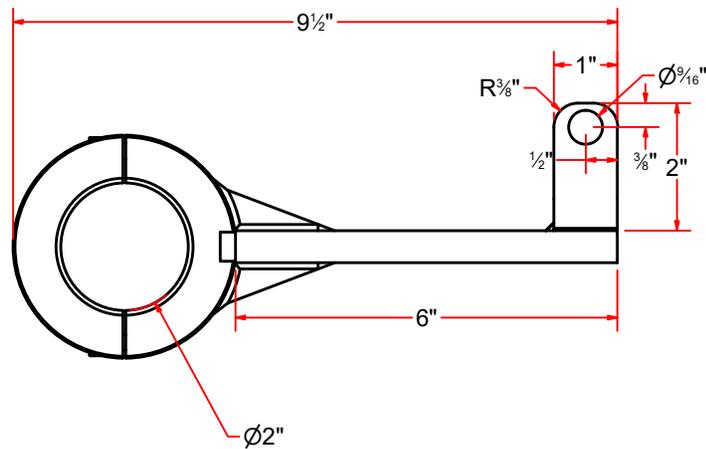
DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Plate #1/8 OD 7.981"	
RELEASE DATE	7/30/2021	PART NUMBER: TR1HB	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 33 of 42

TR1ACF0304 - Air Cylinder Bracket-Top Brush

Parts List		
ITEM	QTY	DESCRIPTION
1	1	2" Two Piece Collars
2	2	GUSSET CYLINDER BRACKET
3	1	SS Bar #1/2" x 1 1/2" x 6" LG.
4	1	Mount, for air cylinder



SS Bar #1/2" x 1 1/2" x 6" LG.



GUSSET CYLINDER BRACKET

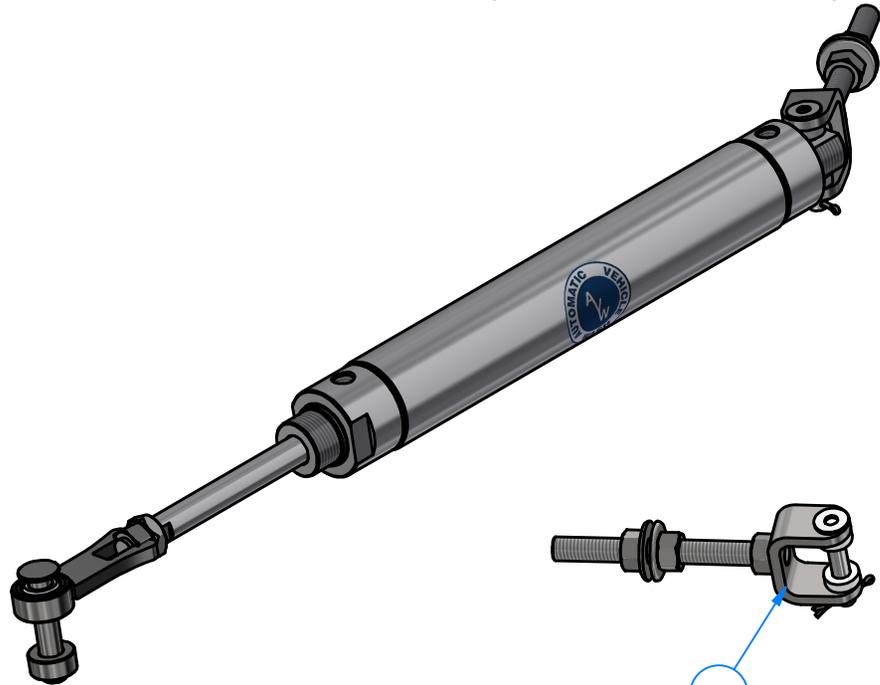


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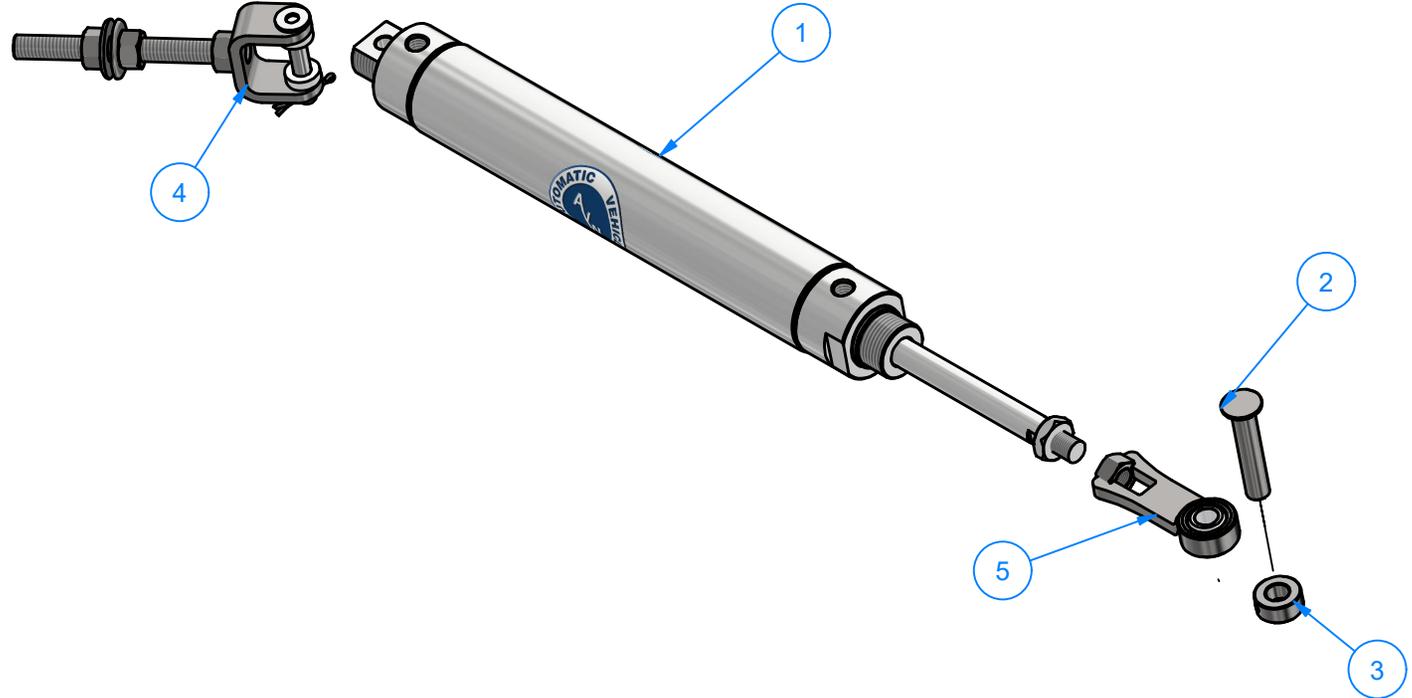
DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Air Cylinder Bracket-Top Brush	
RELEASE DATE	7/30/2021	PART NUMBER: TR1ACF0304	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: 2 lbmass
			SHEET 34 of 42

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



Parts List		
ITEM	QTY	DESCRIPTION
1	1	Air Cylinder 2" x 10"
2	1	Pin 1/2" x 2 1/2"
3	1	1/2" Set Screw Collar
4	1	Retract kit Rear Mounting Assy
5	1	Ball Joint End Rod

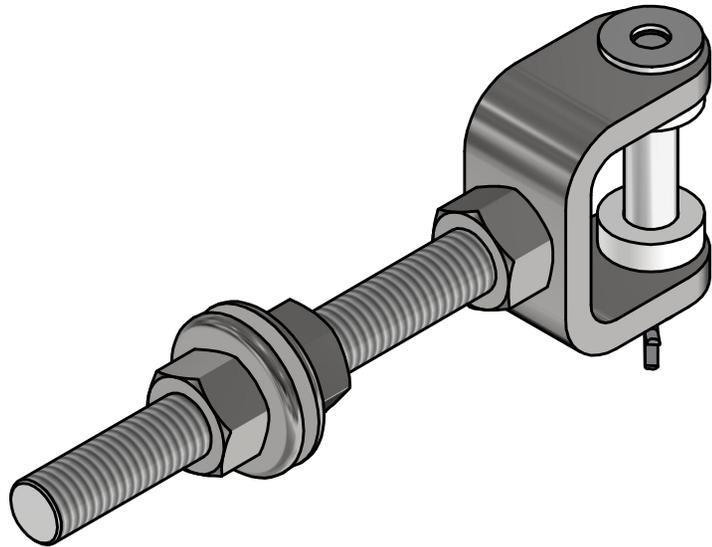


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CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Retract Air Cylinder 2" x 10" (OPTIONAL)	
RELEASE DATE	7/30/2021	PART NUMBER: TR1R	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 35 of 42

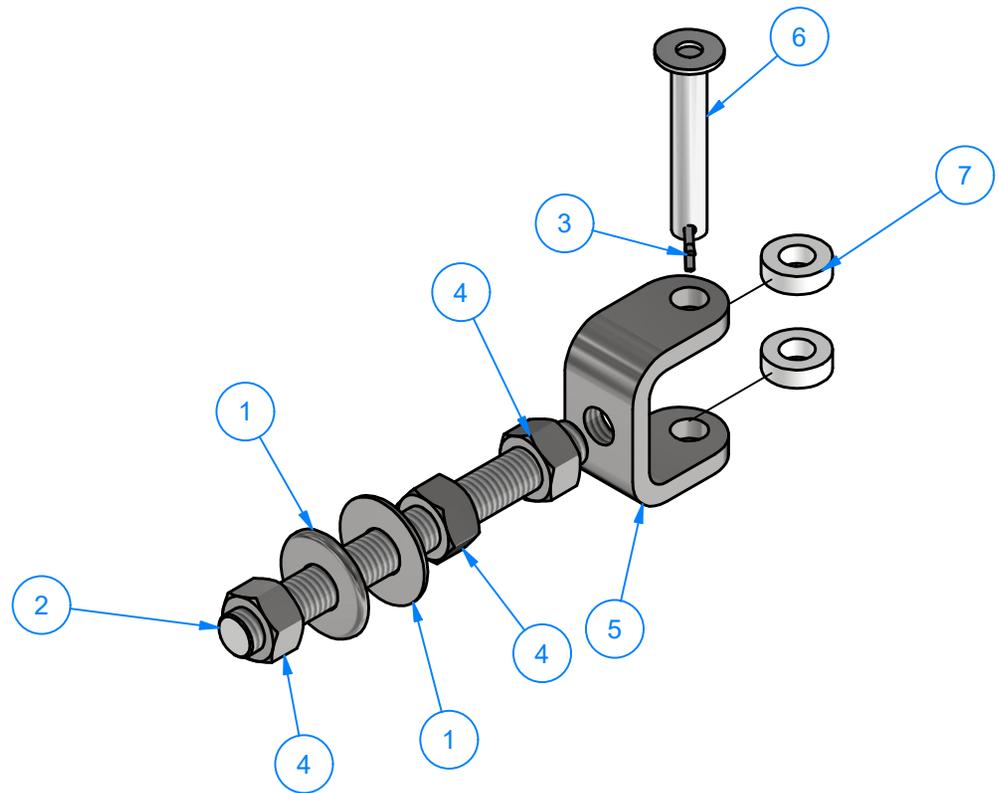
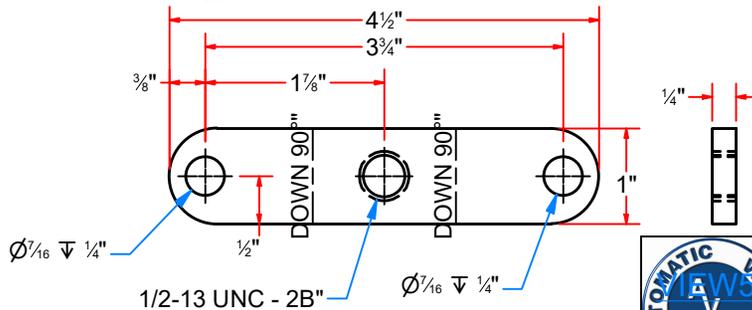
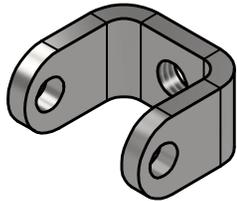
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WA2GA - Retract kit Rear Mounting Assy



Parts List		
ITEM	QTY	DESCRIPTION
1	2	1/2" Flat Washer
2	1	Threaded Rod 1/2"-13 X 5" LG.
3	1	Cotter Pin
4	3	1/2" - 13 UNC Hex Nut
5	1	Clevis w/ threaded hole
6	1	Pin 3/8" x 2 1/4" LG
7	2	Retract kit Rear Mount Bush

WA2GA1 - Clevis w/ threaded hole

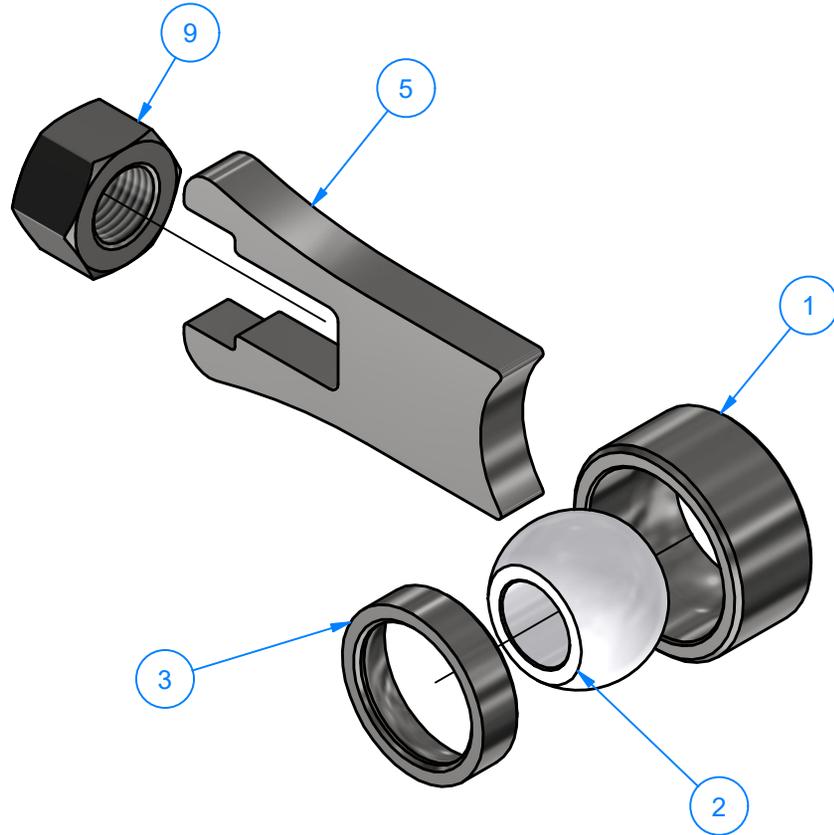
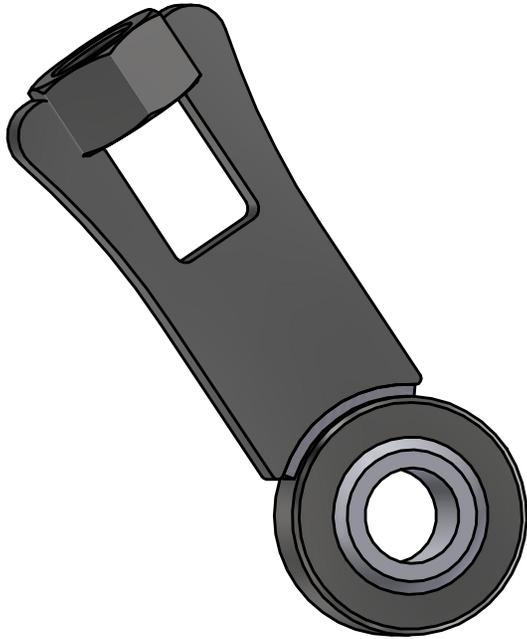


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DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Retract kit Rear Mounting Assy	
RELEASE DATE	7/30/2021	PART NUMBER: WA2GA	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 36 of 42

BJ1-2-20 - Ball Joint End Rod



Parts List		
ITEM	QTY	DESCRIPTION
1	1	Large Ring OD 1 1/4"x ID 1"x 9/16" LG
2	1	Nylon Ball Insert 1" OD. x 1/2" ID. x 5/8" LG
3	1	Small Ring OD 1"xID 3/4"x1/4"LG
5	1	Cylinder Lever #5/16x 1 9/32"x 2 3/8"
9	1	Hex Nut - 1/2"-20 SS

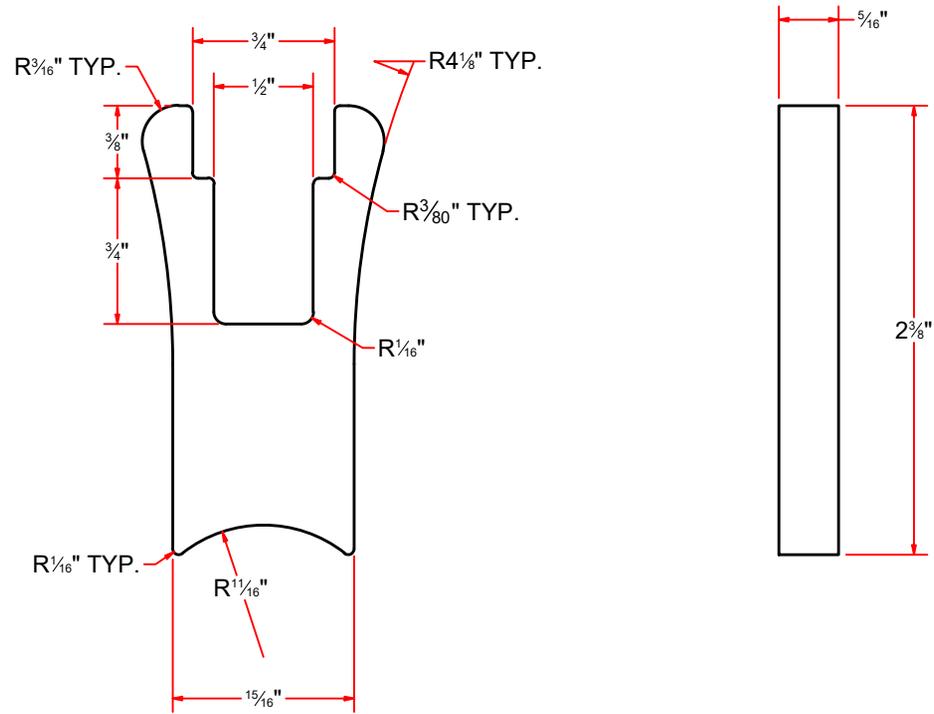
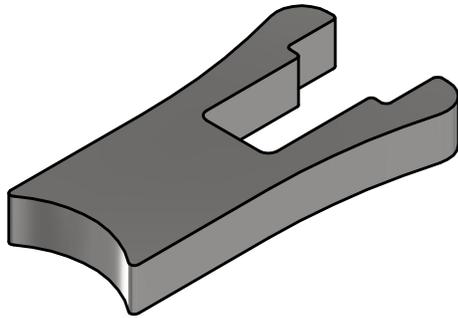


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DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Ball Joint End Rod	
RELEASE DATE	7/30/2021	PART NUMBER: BJ1-2-20	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 37 of 42

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



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DRAWN BY

Tittu

CUSTOMER: AVW Equipment Co.

CHECKED BY

PROJECT: TR4 - Dual Arm Top Brush Hydraulic

QTY

DESCRIPTION: Cylinder Lever #5/16x 1 9/32"x 2 3/8"

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RELEASE DATE

7/30/2021

PART NUMBER: BJ1-2-20D

REV#

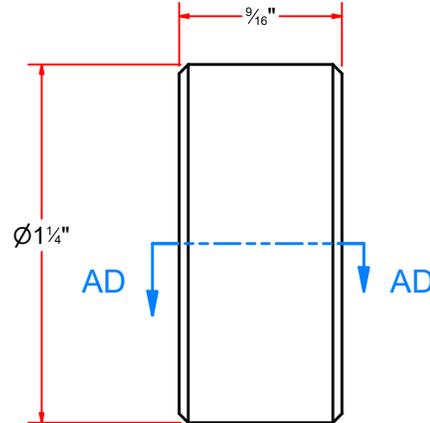
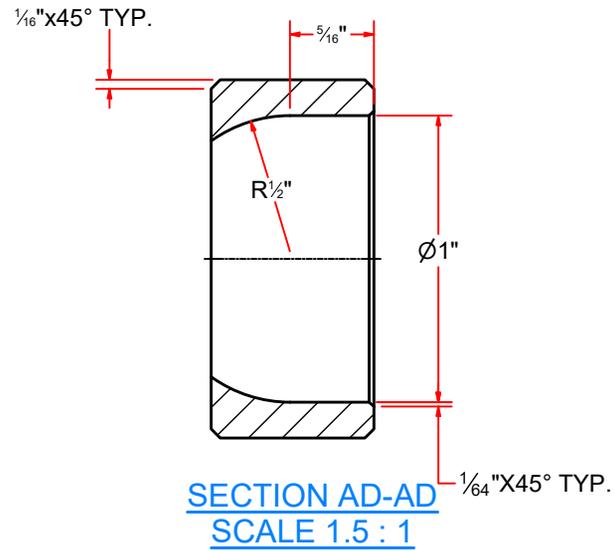
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.

SIZE
A

EST WEIGHT:

SHEET 38 of 42

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

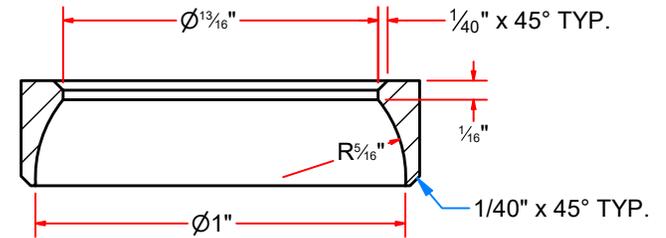
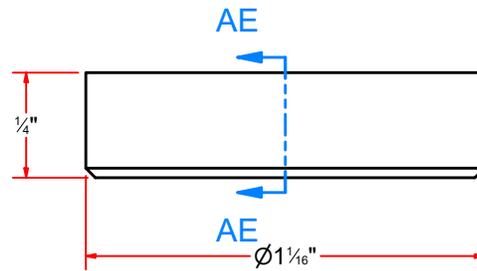


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DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Large Ring OD 1 1/4"x ID 1"x 9/16" LG	
RELEASE DATE	7/30/2021	PART NUMBER: BJ1-2-20C	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 39 of 42

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



SECTION AE-AE
SCALE 2 : 1



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WWW.AVWEQUIPMENT.COM

DRAWN BY

Tittu

CUSTOMER: AVW Equipment Co.

CHECKED BY

PROJECT: TR4 - Dual Arm Top Brush Hydraulic

QTY

DESCRIPTION: Small Ring OD 1"xID 3/4"x1/4"LG

- COMPANY PROPRIETARY NOTE -

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RELEASE DATE

7/30/2021

PART NUMBER: BJ1-2-20B

REV#

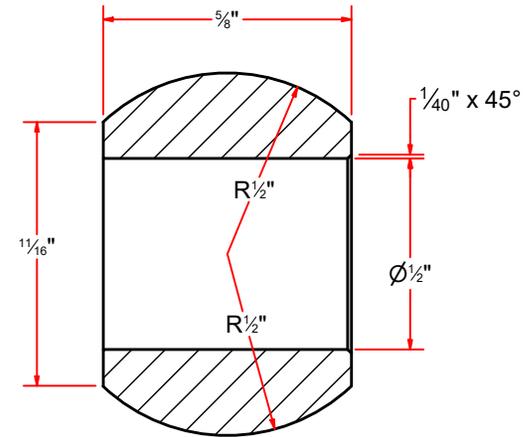
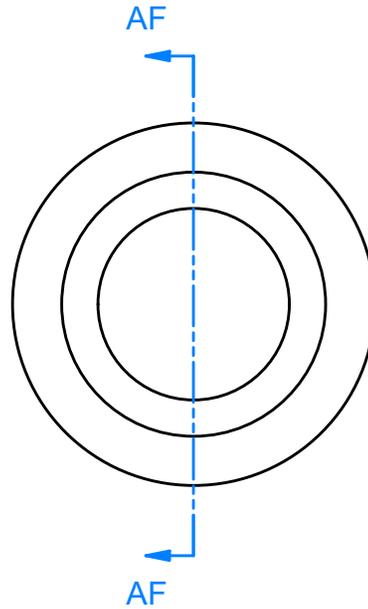
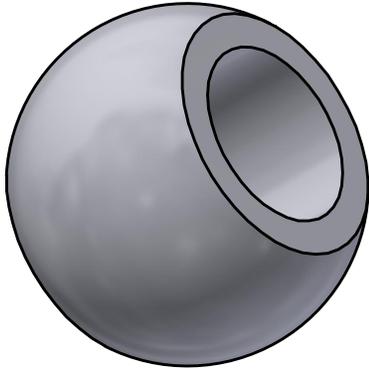
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.

SIZE
A

EST WEIGHT:

SHEET 40 of 42

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



SECTION AF-AF
SCALE 2 : 1



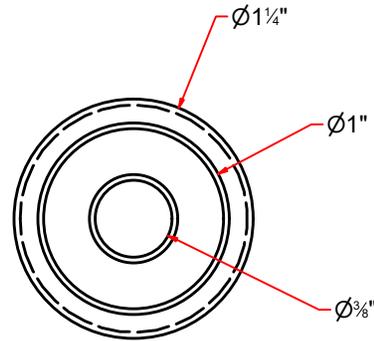
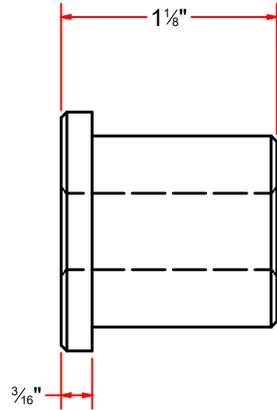
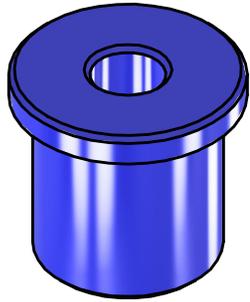
AVW EQUIPMENT CO., INC.
105 S. 9TH AVENUE
MAYWOOD, IL 60153
Tel: 708-343-7738 Fax: 708-343-9065
WWW.AVWEQUIPMENT.COM

DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Nylon Ball Insert 1" OD. x 1/2" ID. x 5/8" LG	
RELEASE DATE	7/30/2021	PART NUMBER: BJ1-2-20A	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 41 of 42

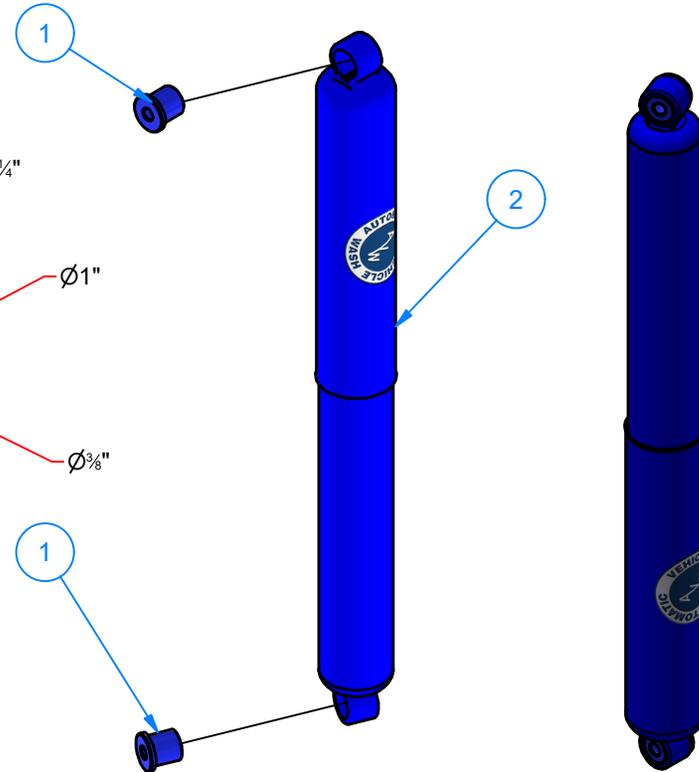
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WA1FA - Blue Shock Absorber Assembly

Parts List		
ITEM	QTY	DESCRIPTION
1	2	UHMW Bush. 3/8ID x1OD x 1-1/8L
2	1	Shock Absorber (Without Bushings)



UHMW Bush. 3/8ID x1OD x 1-1/8L



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DRAWN BY	Tittu	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: TR4 - Dual Arm Top Brush Hydraulic	
QTY		DESCRIPTION: Blue Shock Absorber Assembly	
RELEASE DATE	7/30/2021	PART NUMBER: WA1FA	REV#
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 42 of 42

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