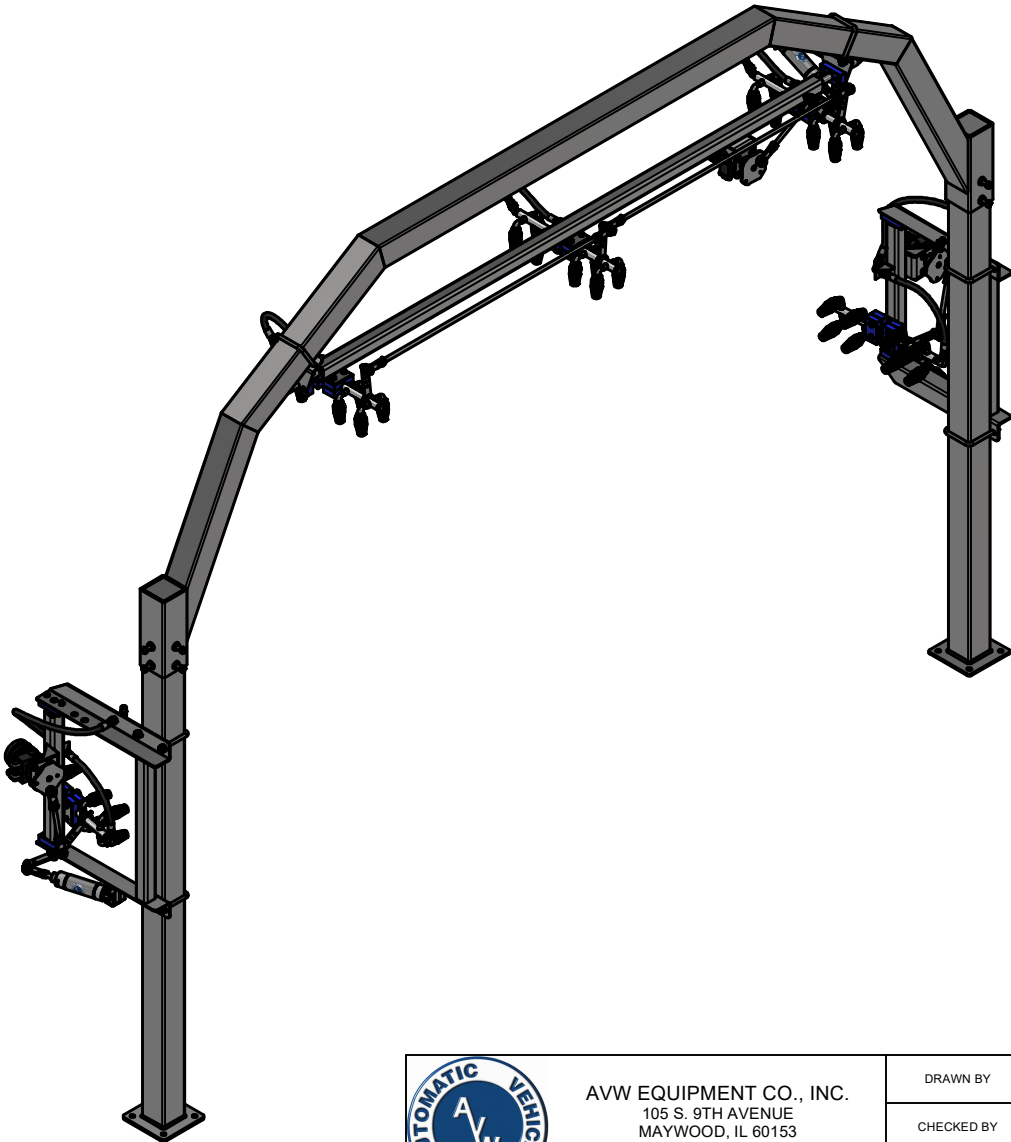


OT2-PO1 - Octasquare Pivoting Oscillating High Pressure Arch

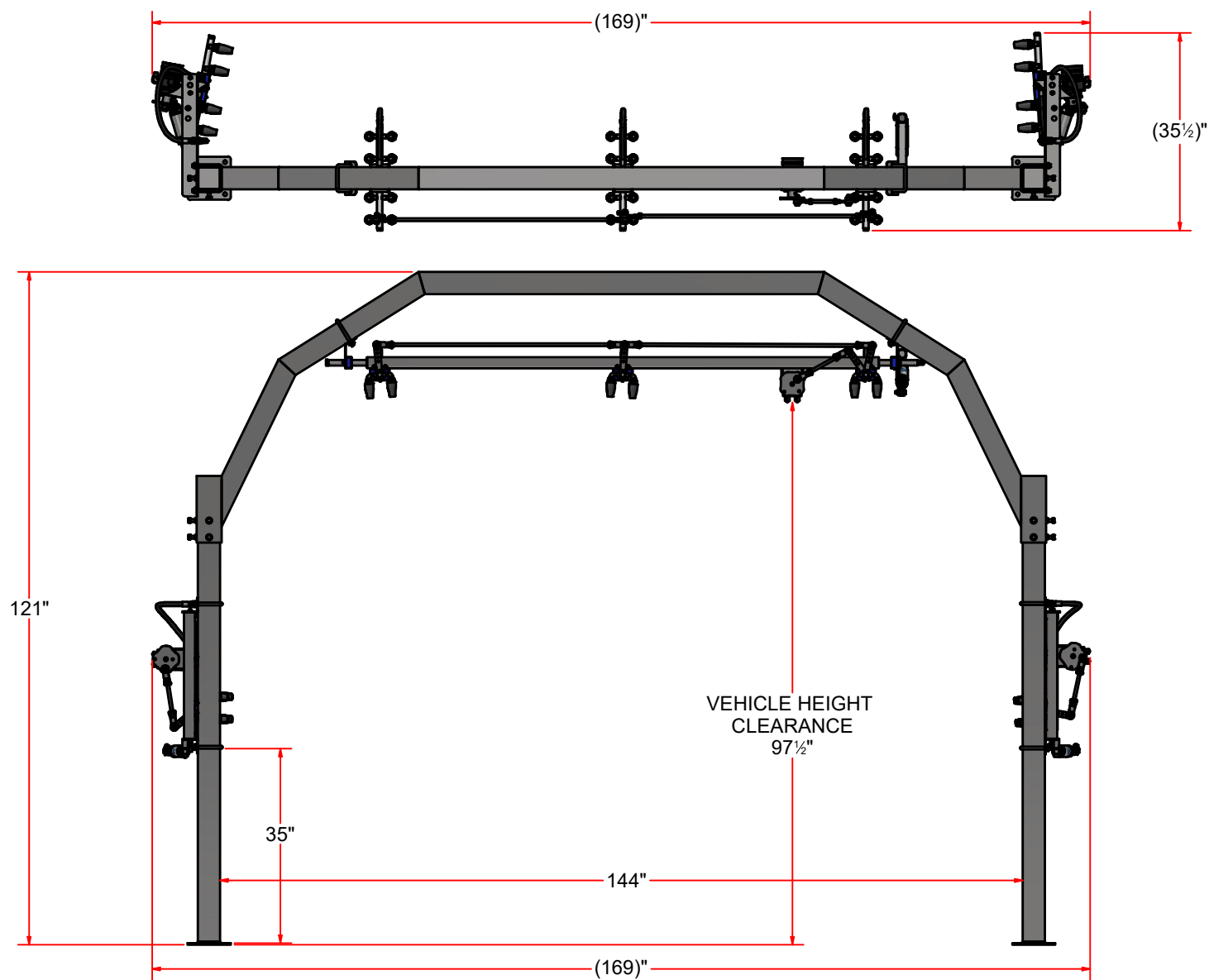


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CHECKED BY		PROJECT: Octasquare Pivoting Oscillating High Pressure Arch	
QTY		DESCRIPTION: Octasquare Pivoting Oscillating High Pressure Arch	
RELEASE DATE	11/5/2021	PART NUMBER: OT2-PO1	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 1 of 44

OT2-PO1 - Octasquare Pivoting Oscillating High Pressure Arch



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QTY

DESCRIPTION: Octasquare Pivoting Oscillating High Pressure Arch

RELEASE DATE

11/5/2021

PART NUMBER: OT2-PO1

REV# 1

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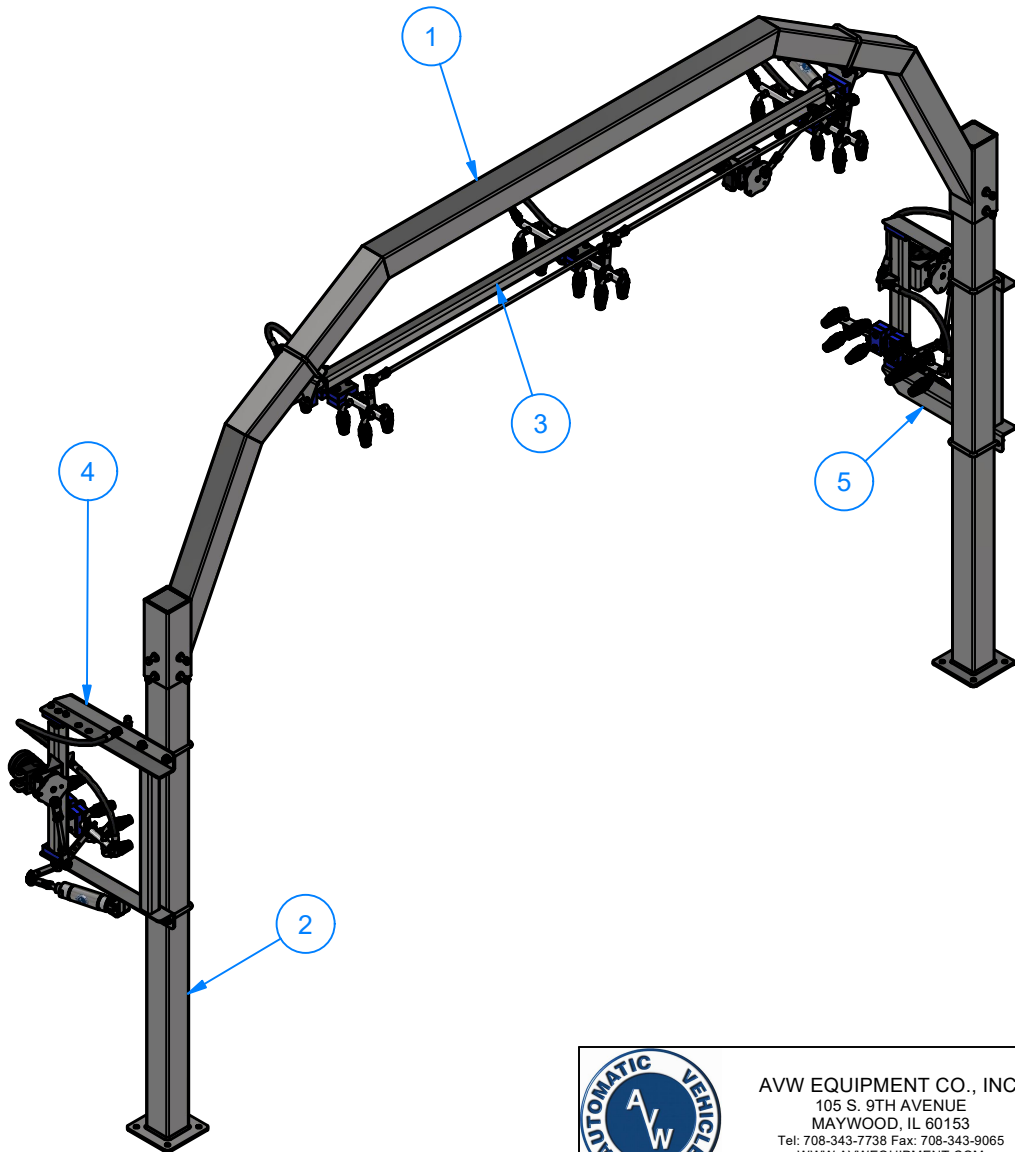
SIZE A

EST WEIGHT:

SHEET 2 of 44

PATH:L:\Designs\Product Lines\High Pressure Arches\Octasquare\OT2-PO1\OT2-PO1.iam

OT2-PO1 - Octasquare Pivoting Oscillating High Pressure Arch



Parts List		
ITEM	QTY	DESCRIPTION
1	1	Octasquare Empty Arch Crossbar
2	2	Octasquare Empty Arch Leg - 84" LG.
3	1	Octasquare Pivoting Oscillating Top Manifold Assembly
4	1	Pivoting Oscillating Side Manifold - Passenger
5	1	Pivoting Oscillating Side Manifold - Driver



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QTY		DESCRIPTION: Octasquare Pivoting Oscillating High Pressure Arch	
RELEASE DATE	11/5/2021	PART NUMBER: OT2-PO1	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 3 of 44

OT2-PO1A - Octasquare Pivoting Oscillating Top Manifold Assembly



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PROJECT: Octasquare Pivoting Oscillating High Pressure Arch

QTY

DESCRIPTION: Octasquare Pivoting Oscillating Top Manifold Assembly

RELEASE
DATE

11/5/2021

PART NUMBER: OT2-PO1A

REV# 1

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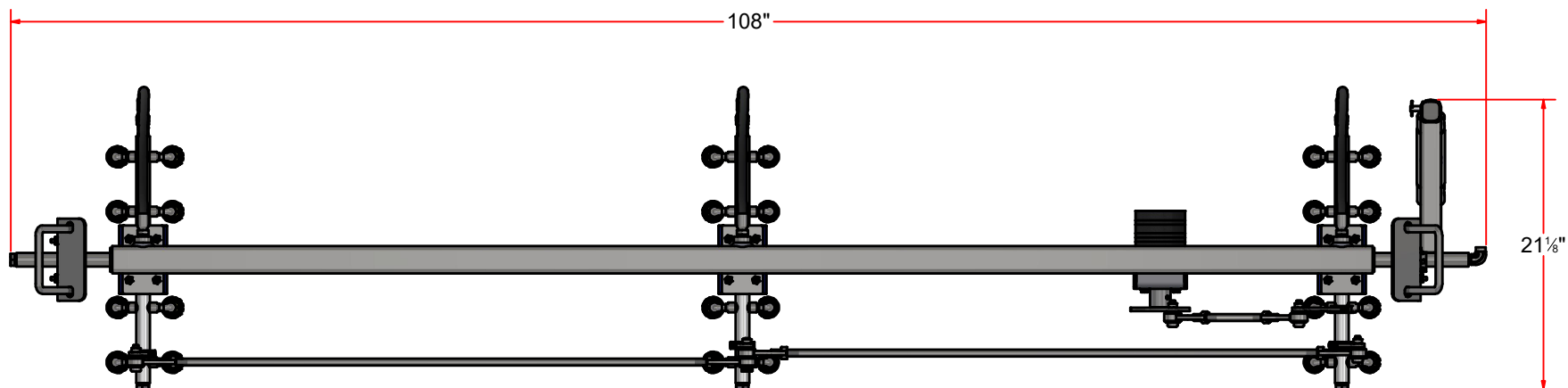
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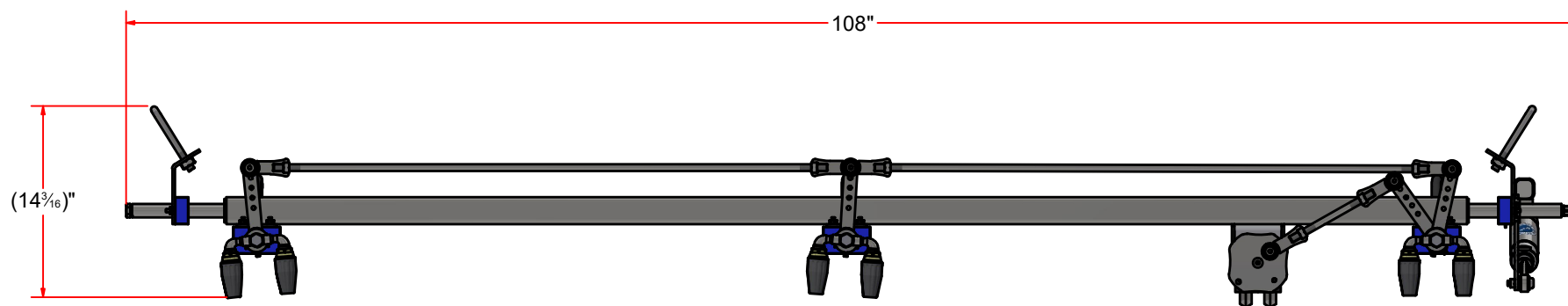
SHEET 4 of 44

PATH:L:\Libraries\Productivity\PO1 Top Manifold\OT2-PO1\OT-PO1A.iam

OT2-PO1A-EL - Octasquare Pivoting Oscillating Top Manifold Assembly - EL



TOP



FRONT



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PROJECT: Octasquare Pivoting Oscillating High Pressure Arch

QTY

DESCRIPTION: Octasquare Pivoting Oscillating Top Manifold Assembly - EL

RELEASE DATE

11/5/2021

PART NUMBER: OT2-PO1A-EL

REV# 1

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

SIZE
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EST WEIGHT:

SHEET 5 of 44

PATH:L:\Libraries\Productivity\PO1 Top Manifold\OT2-PO1-EL\OT2-PO1A-EL.iam

OT2-PO1A-EL - Octasquare Pivoting Oscillating Top Manifold Assembly - EL

Parts List		
ITEM	QTY	DESCRIPTION
1	1	Pivoting Top Bar
2	1	Cylinder Mounting Bracket Assembly
3	6	UHMW Block - 2 Peice
4	3	SS Split Collar- 1in
5	12	1/4" - 20 x 2.5" UNC Hex Screw
6	12	1/4"-20 18-8ss Heavy Hex Nut
7	16	1/4" N FLAT WASHER
8	1	Elbow 1/2" NPT Male x 1/2" NPT Female
9	1	1/2" NPT Stainless Steel Hex Head Solid Plug
10	3	Manifold Assembly - 18" LG.
11	5	5in Cam Arm w/ 5 Holes
12	5	Shoulder Bolt - 1/2" X 1" LG (3/8" Thread)
13	18	1/2" N Flat Washer
14	2	Oscillating Arm Assembly 41"
15	1	Oscillating Arm Assembly 7"
16	1	Oscillating Disk 1_1/8" - Hydraulic
17	1	Air Cylinder 2" x 3"
18	1	Ball Joint End Rod
19	1	Pin 3/8" x 2" LG
20	1	Cotter Pin
21	2	UHMW Block 3-3/4" x 2" x 1"
22	4	1/4"-20 18-8ss Heavy Hex Jam Nut
23	4	Hex Cap Screw - 1/4"-20 X 1-1/2"
24	4	1/2-13 Hex Nut
25	3	1/2" FJIC, 37°-3/8" Hose Crimp
26	3	1/2" 37° MJIC x3/8" Hose Crimp
27	3	Elbow 45 Male 1/2" JICx1/2" NPTF

Parts List		
ITEM	QTY	DESCRIPTION
28	2	Square U Bolt D 1/2" x 4" x 5" LG
29	6	Hex Nut - 3/8"-16
30	3	Top Manifold Hose 1 (21/32" OD)
31	1	Hydraulic Motor
32	4	Hex Head Cap Screw 1/4"-20 x 1"
33	4	1/4" FLAT WASHER
34	1	Shoulder Bolt - 1/2" X 1-1/2" LG (3/8" Thread)
35	2	Elbow (1/2" NPT Male X 1/2" JIC Male)
36	1	Cylinder Mounting Bracket



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QTY

DESCRIPTION: Octasquare Pivoting Oscillating Top Manifold Assembly - EL

RELEASE DATE

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PART NUMBER: OT2-PO1A-EL

REV# 1

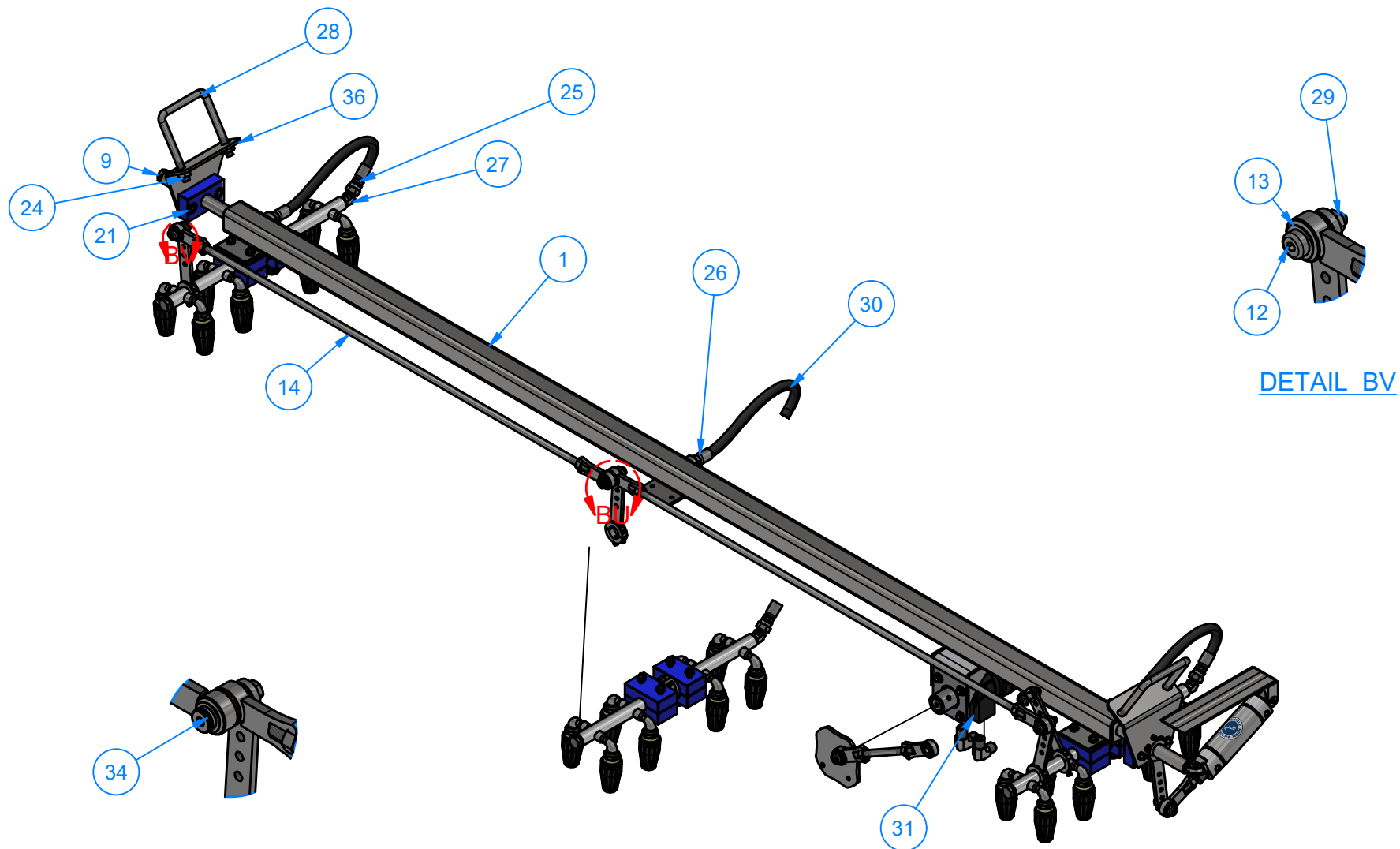
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SHEET 6 of 44

OT2-PO1A-EL - Octasquare Pivoting Oscillating Top Manifold Assembly - EL



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QTY

DESCRIPTION: Octasquare Pivoting Oscillating Top Manifold Assembly - EL

RELEASE DATE

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PART NUMBER: OT2-PO1A-EL

REV# 1

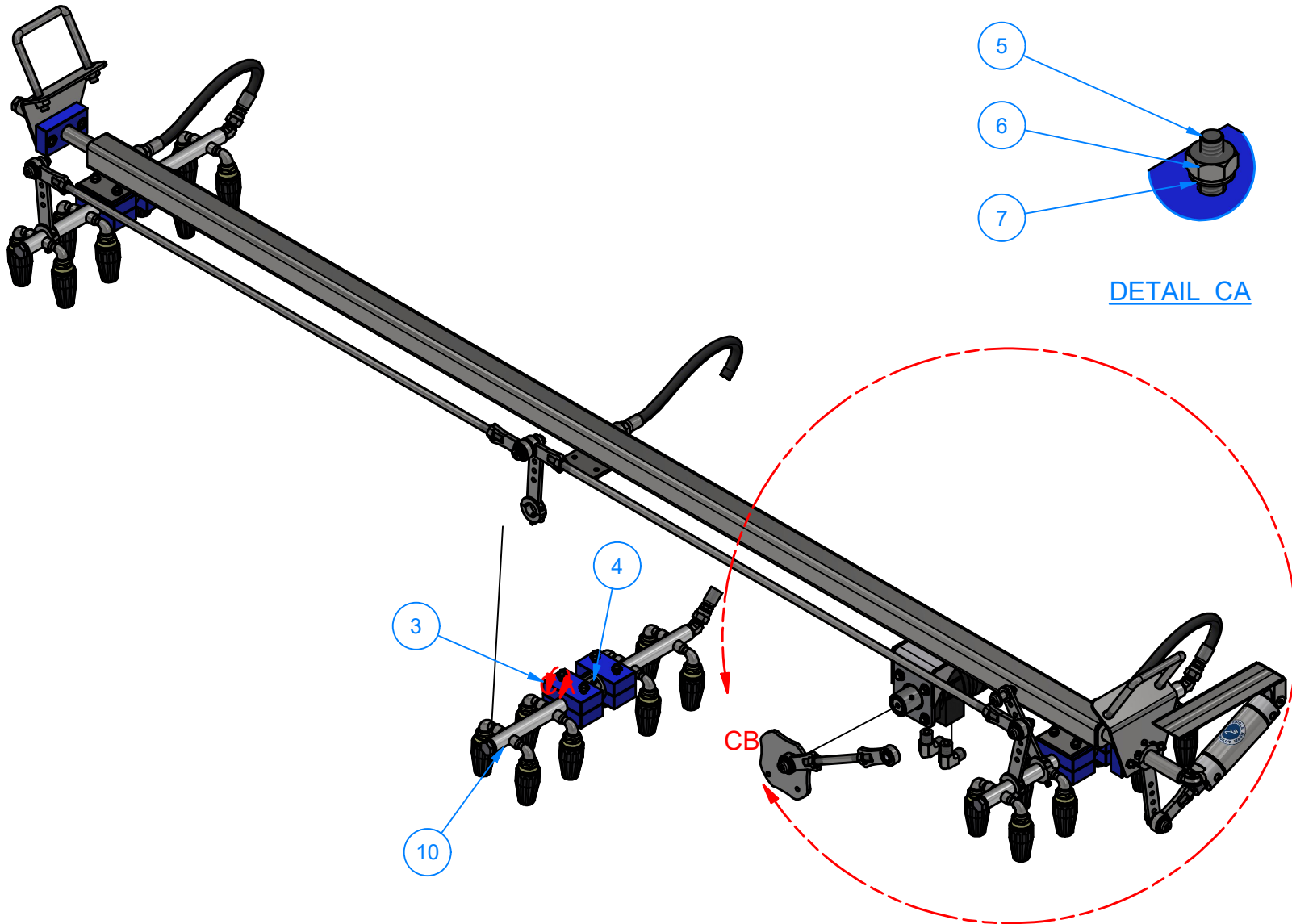
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SIZE A

EST WEIGHT:

SHEET 7 of 44

OT2-PO1A-EL - Octasquare Pivoting Oscillating Top Manifold Assembly - EL



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QTY

DESCRIPTION: Octasquare Pivoting Oscillating Top Manifold Assembly

RELEASE DATE

11/5/2021

PART NUMBER: OT2-PO1A

REV# 1

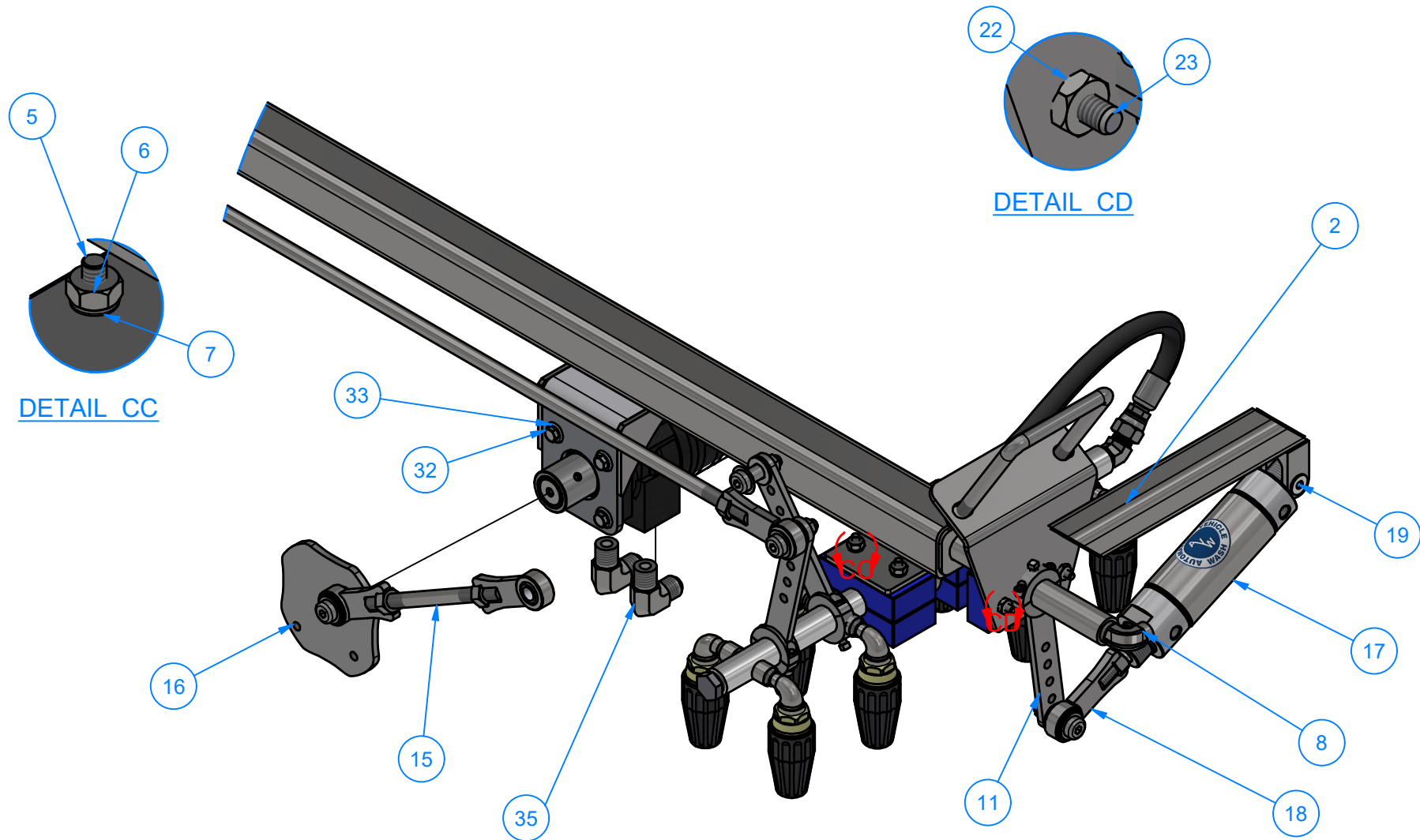
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SIZE
A

EST WEIGHT:

SHEET 8 of 44

OT2-PO1A-EL - Octasquare Pivoting Oscillating Top Manifold Assembly - EL



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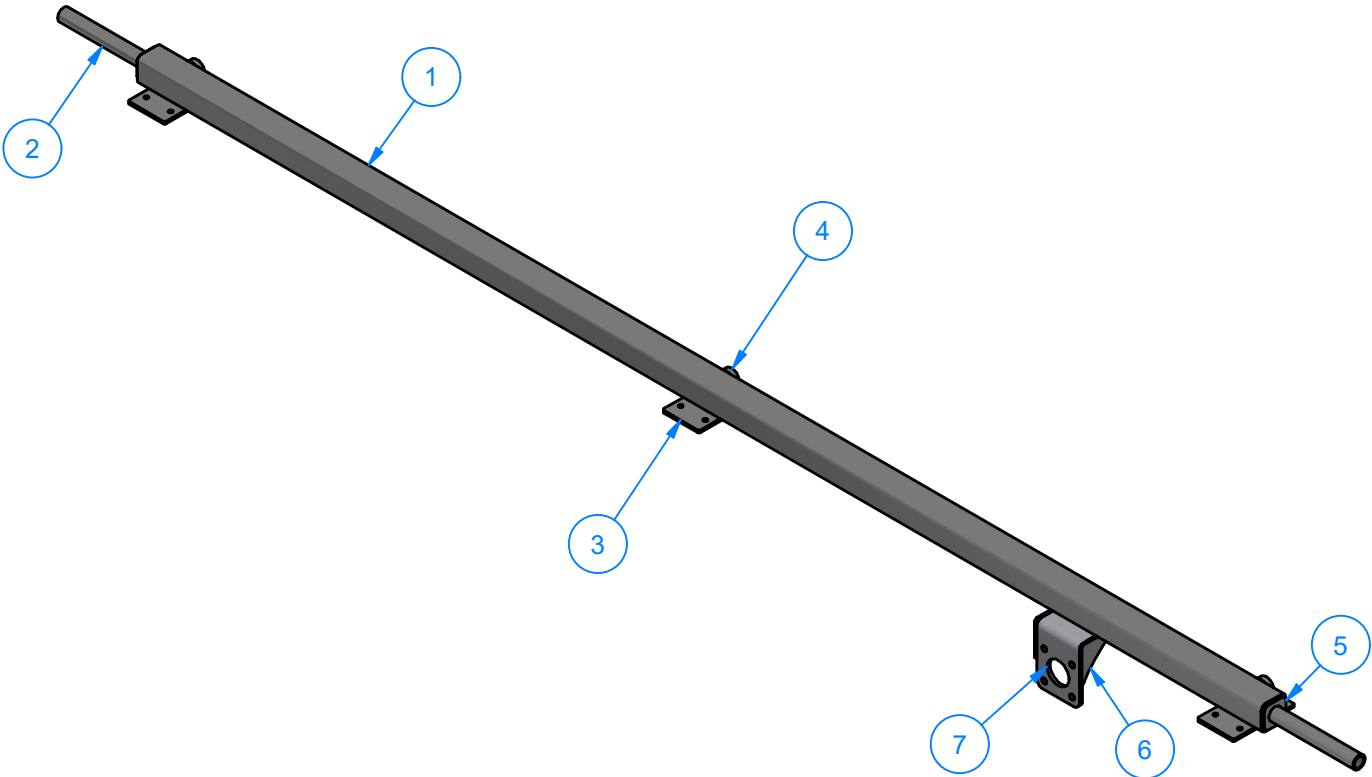
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QTY		DESCRIPTION: Octasquare Pivoting Oscillating Top Manifold Assembly	
RELEASE DATE	11/5/2021	PART NUMBER: OT2-PO1A	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 9 of 44

PO1CA - Pivoting Top Bar

Parts List		
ITEM	QTY	DESCRIPTION
1	1	Pivoting Top Bar-2"x2"x92" LG.
2	2	Tubing OD1" X 7" LG
3	3	Plate #3/16" Ga x 3" x 5" LG
4	3	1/2" Half Coupling
5	2	Plate #10 Ga x 1-3/4" x 1-3/4"
6	2	Gusset #3/16" x 2-3_4x2-3_4
7	1	Plate #1/4 x 5-1/2 x 3-1/2

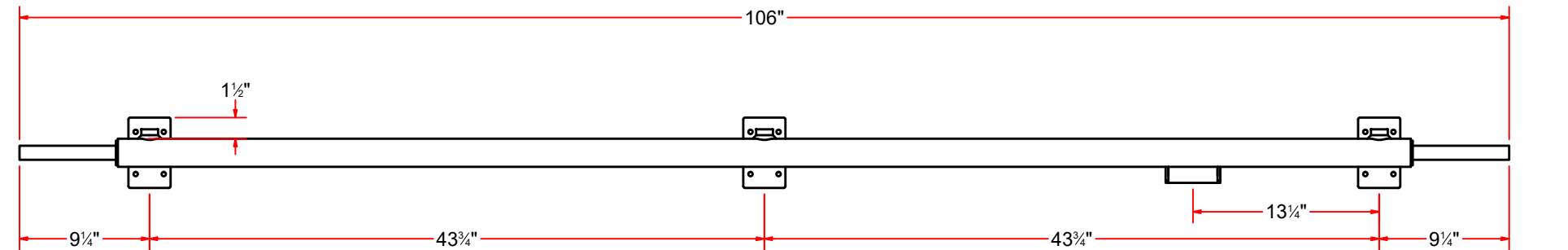


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QTY		DESCRIPTION: Pivoting Top Bar	
RELEASE DATE	11/5/2021	PART NUMBER: PO1CA	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 10 of 44

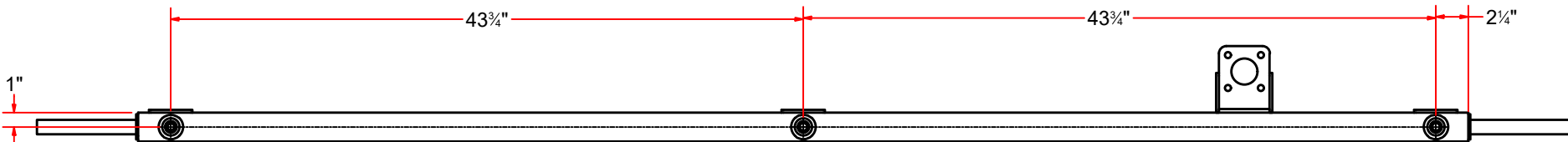
PO1CA - Pivoting Top Bar



TOP



FRONT



BACK



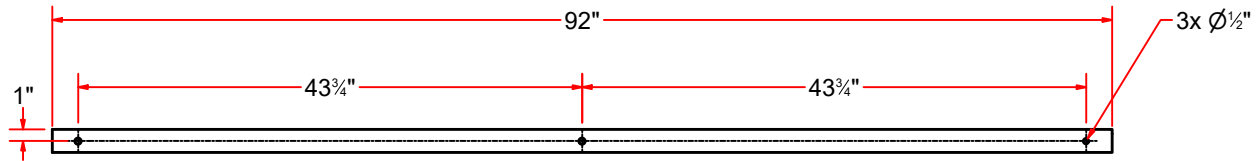
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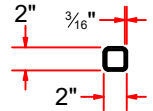
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CHECKED BY		PROJECT: Octasquare Pivoting Oscillating High Pressure Arch	
QTY		DESCRIPTION: Pivoting Top Bar	
RELEASE DATE	11/5/2021	PART NUMBER: PO1CA	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 11 of 44



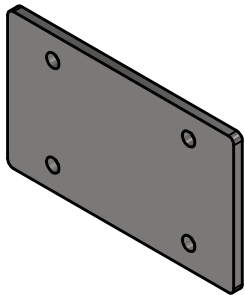
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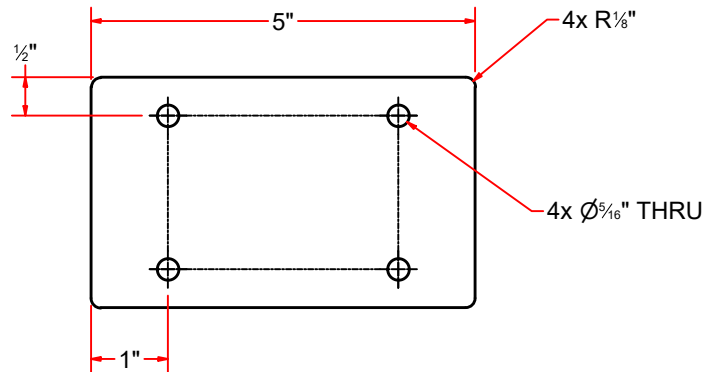
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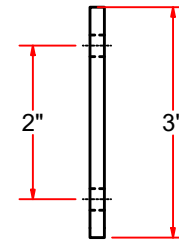
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ITEM 3



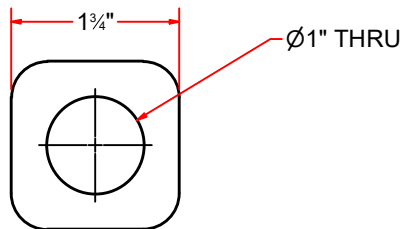
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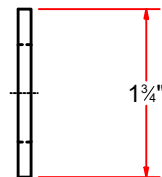
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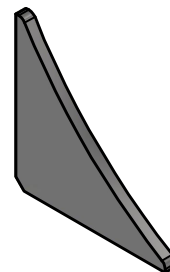
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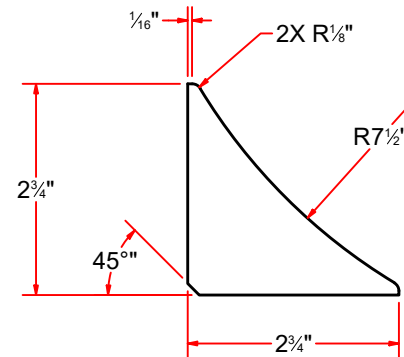
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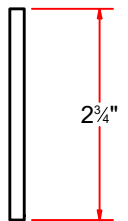
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ITEM 6



FRONT



SIDE



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PROJECT: Octasquare Pivoting Oscillating High Pressure Arch

QTY

DESCRIPTION: Pivoting Top Bar-2"x2"x92" LG.

RELEASE DATE

11/5/2021

PART NUMBER: PO1CHA

REV# 1

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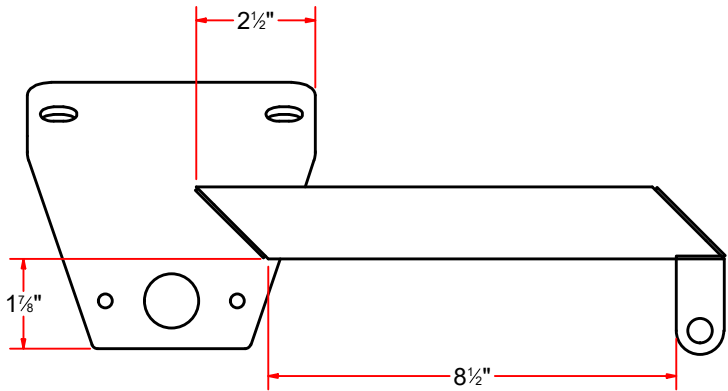
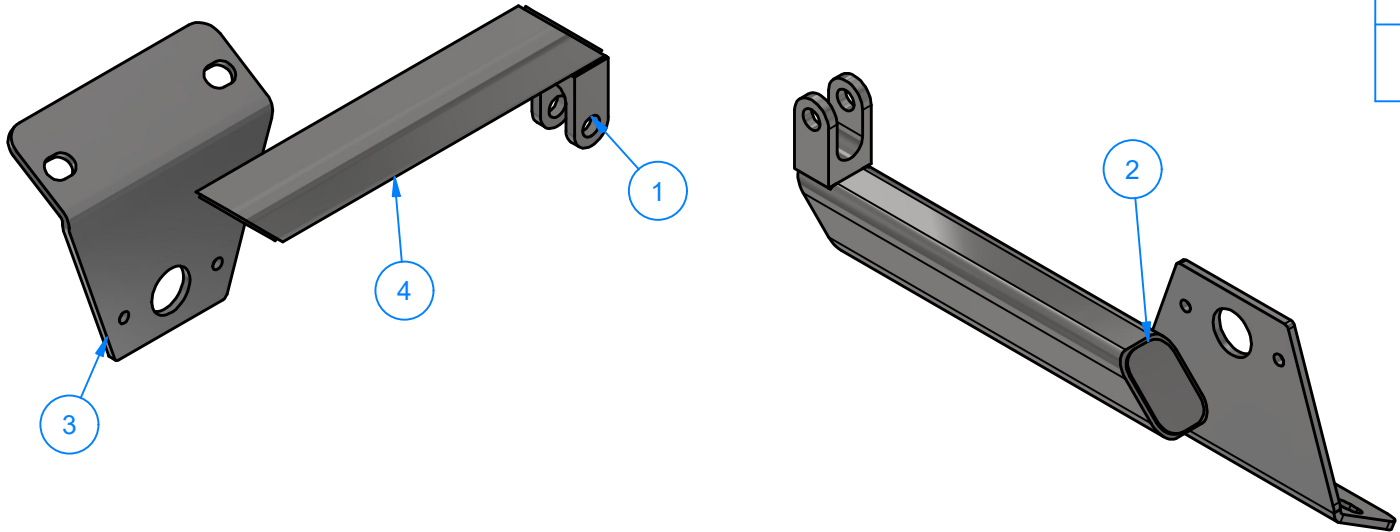
SIZE A

EST WEIGHT:

SHEET 12 of 44

OT2-PO1AA - Cylinder Mounting Bracket Assembly

Parts List		
ITEM	QTY	DESCRIPTION
1	1	CLEVIS 1/2"
2	2	Plate #3/16 X 1 1/2 X 1 1/2
3	1	Cylinder Mounting Bracket
4	1	Sq. Tubing 1_1/2" x 1_1/2" x 11" LG.



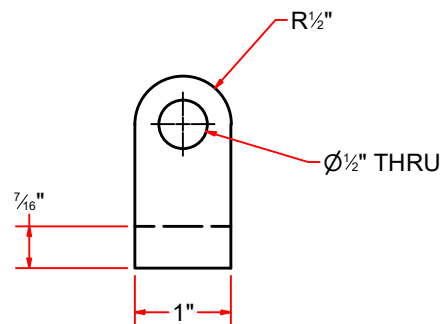
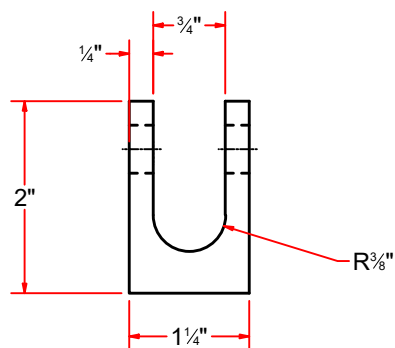
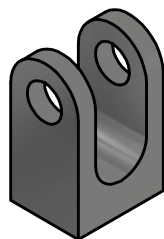
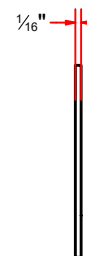
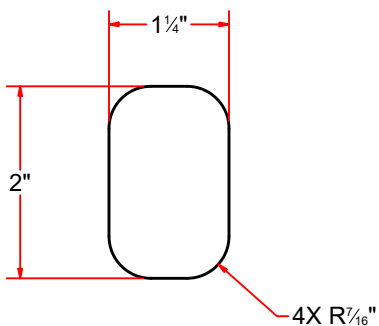
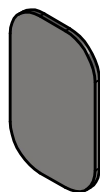
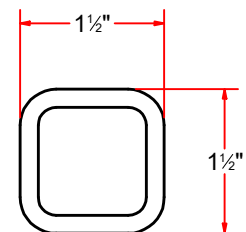
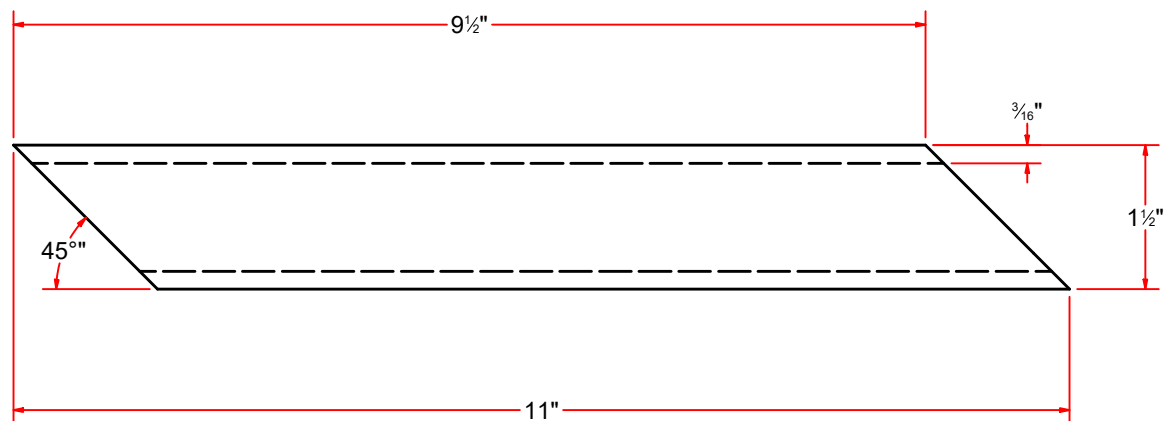
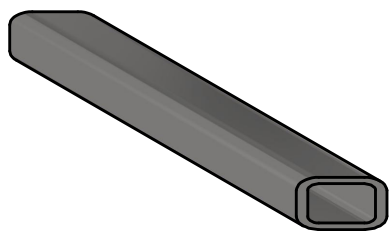
FRONT



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CHECKED BY		PROJECT: Octasquare Pivoting Oscillating High Pressure Arch	
QTY		DESCRIPTION: Cylinder Mounting Bracket Assembly	
RELEASE DATE	11/5/2021	PART NUMBER: OT2-PO1AA	REV# 1
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PROJECT: Octasquare Pivoting Oscillating High Pressure Arch

QTY

DESCRIPTION: Sq. Tubing 1_1/2" x 1_1/2" x 11" LG.

RELEASE DATE

11/5/2021

PART NUMBER: PO1CBD

REV# 1

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SHEET 14 of 44

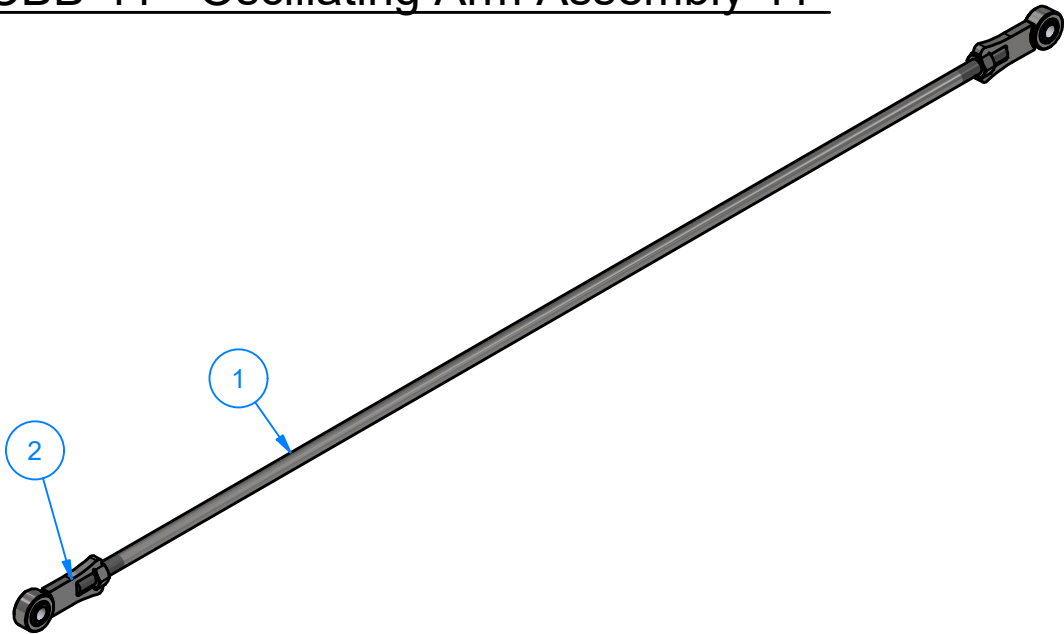
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	CHECKED BY		PROJECT: Octasquare Pivoting Oscillating High Pressure Arch		
	QTY		DESCRIPTION: Cylinder Mounting Bracket		
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	DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:	SHEET 15 of 44
PATH: L:\Libraries\Productivity\PO1 Top Manifold\PO1 Components [Hydraulic and Electric]\Top Manifold\OT2-PO1AAA.ipt					

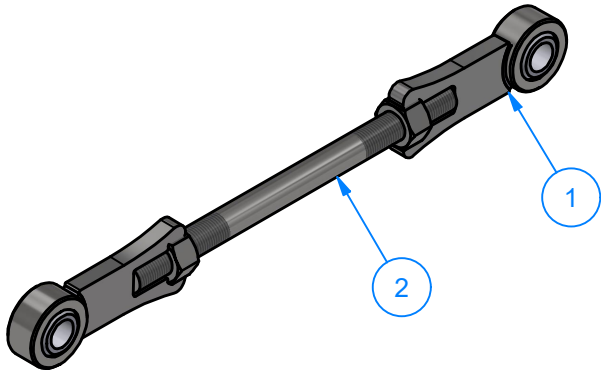
PO1CBB-41 - Oscillating Arm Assembly 41"

Parts List		
ITEM	QTY	DESCRIPTION
1	1	TREADED ROD 1/2" X 41" LG.
2	2	Ball Joint End Rod



PO1CBB-7 - Oscillating Arm Assembly 7"

Parts List		
ITEM	QTY	DESCRIPTION
1	2	Ball Joint End Rod
2	1	Threaded 1/2"D x 7" LG.

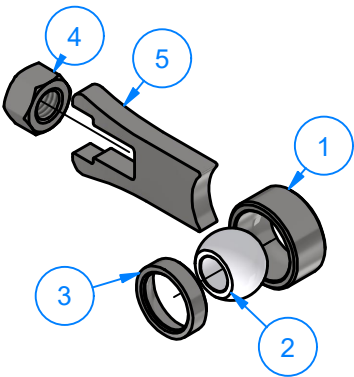
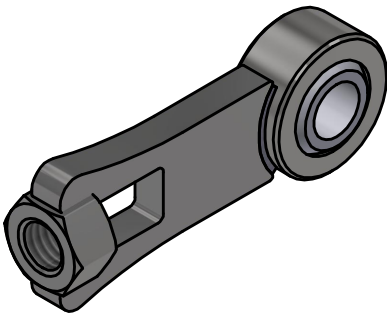


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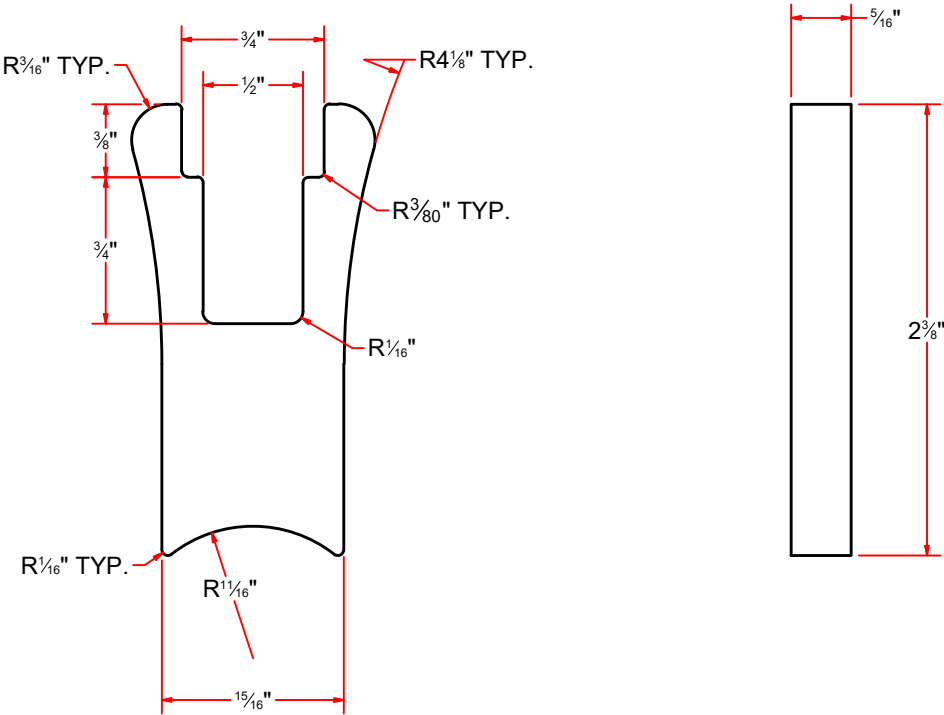
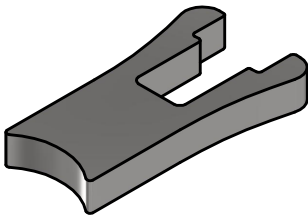
DRAWN BY	Darpan	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: Octasquare Pivoting Oscillating High Pressure Arch	
QTY		DESCRIPTION: Oscillating Arm Assembly 41"	
RELEASE DATE	11/5/2021	PART NUMBER: PO1CBB-41	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	SHEET 16 of 44

BJ1-2-20 - Ball Joint End Rod



Parts List		
ITEM	QTY	DESCRIPTION
1	1	Large Ring OD 1.25" ID 1"
2	1	Nylon Ball Insert 1" OD. x 1/2" ID. x 5/8" LG
3	1	Small Ring OD 1" ID 3/4"
4	1	1/2" - 13 UNC Hex Nut
5	1	Cylinder Lever 5/16"

BJ1-2-20D - Cylinder Lever 5/16"



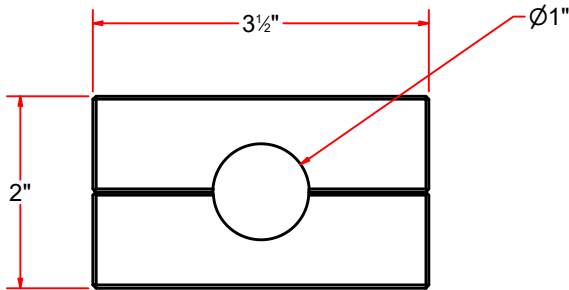
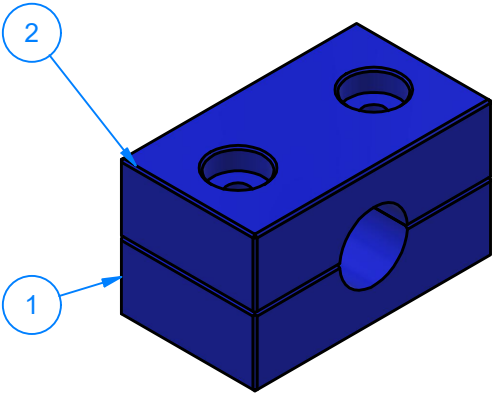
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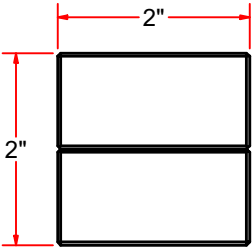
DRAWN BY	Darpan	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: Octasquare Pivoting Oscillating High Pressure Arch	
QTY		DESCRIPTION: Ball Joint End Rod	
RELEASE DATE	11/5/2021	PART NUMBER: BJ1-2-20	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 17 of 44

PO1C2-S - UHMW Block - 2 Peice

Parts List		
ITEM	QTY	DESCRIPTION
1	1	1" UHMW Block Bottom
2	1	1" UHMW Block Top

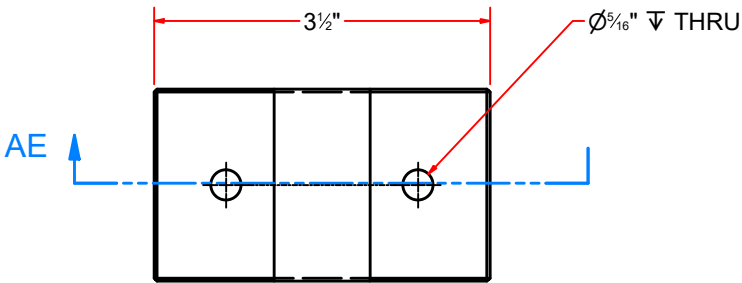
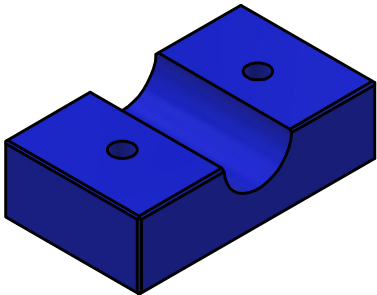


FRONT

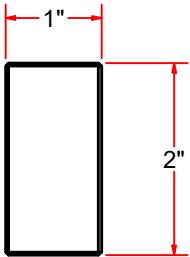


SIDE

PA1AFB - 1" UHMW Block Bottom

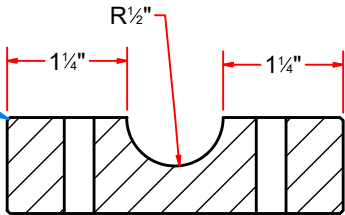


TOP



SIDE

1/32 X 45° Chamfer"
(All Sharp Edges)



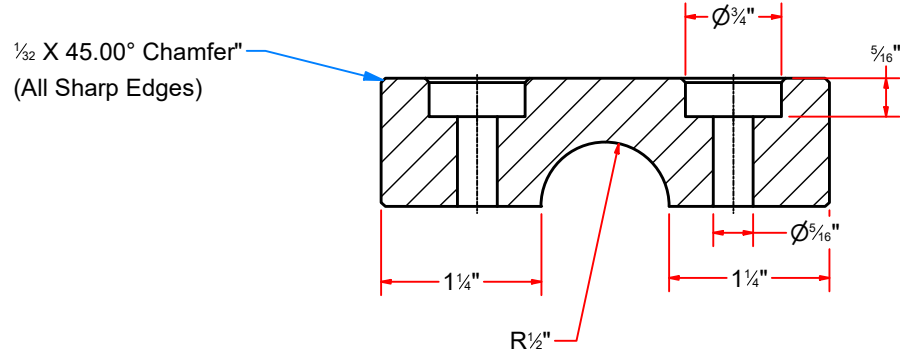
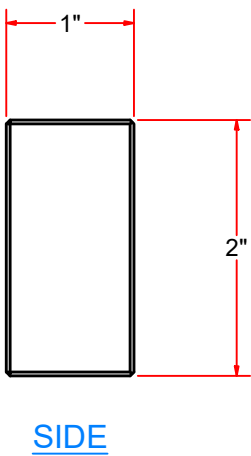
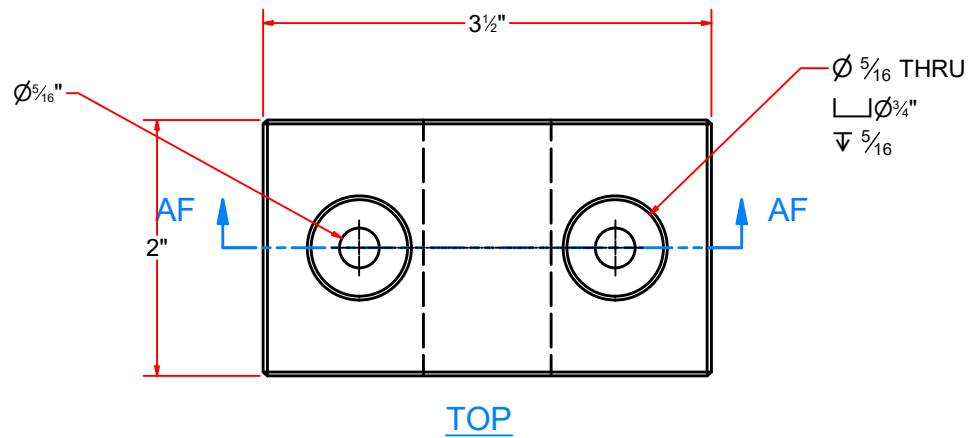
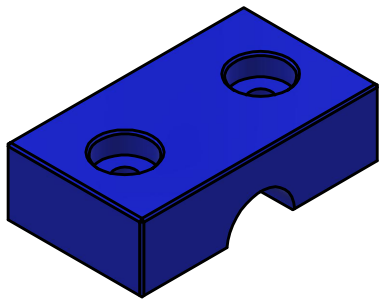
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SECTION AE-AE

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DRAWN BY	Darpan	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: Octasquare Pivoting Oscillating High Pressure Arch	
QTY		DESCRIPTION: UHMW Block - 2 Peice	
RELEASE DATE	11/5/2021	PART NUMBER: PO1C2-S	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 18 of 44

PA1AFA - 1" UHMW Block Top



SECTION AF-AF

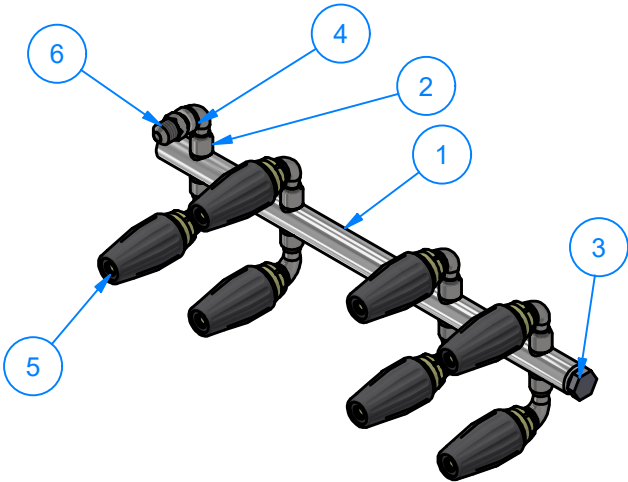


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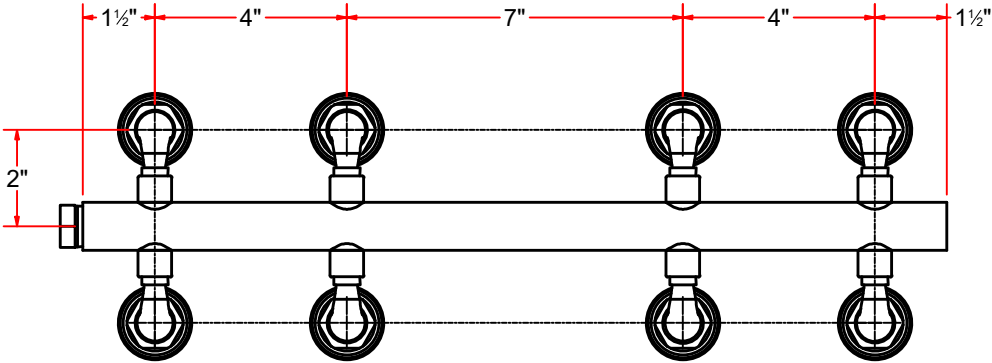
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DRAWN BY	Darpan	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: Octasquare Pivoting Oscillating High Pressure Arch	
QTY		DESCRIPTION: 1" UHMW Block Top	
RELEASE DATE	11/5/2021	PART NUMBER: PA1AFA	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 19 of 44

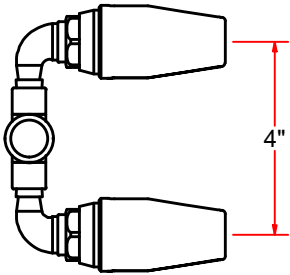
P01DM - Manifold Assembly - 18" LG.



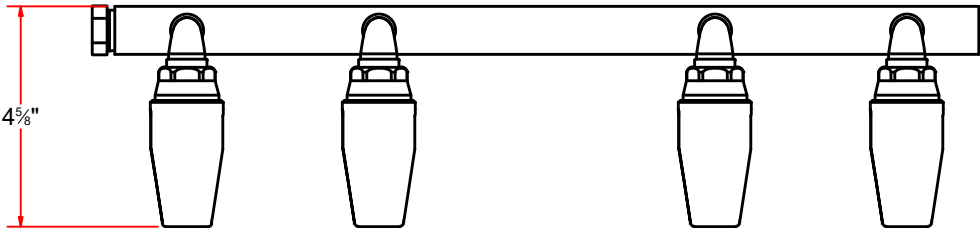
Parts List		
ITEM	QTY	DESCRIPTION
1	1	1" Tubing #.120" Wall x 18" LG.
2	8	1/4" Half Coupling
3	1	Hex Head Plug 1/2 in
4	8	1/4" NPT 90° Street Elbow
5	8	High Pressure Spray Turbo Nozzle
6	8	Reducer 1/2" NPT Male to 1/4" NPT Male



TOP



SIDE



FRONT

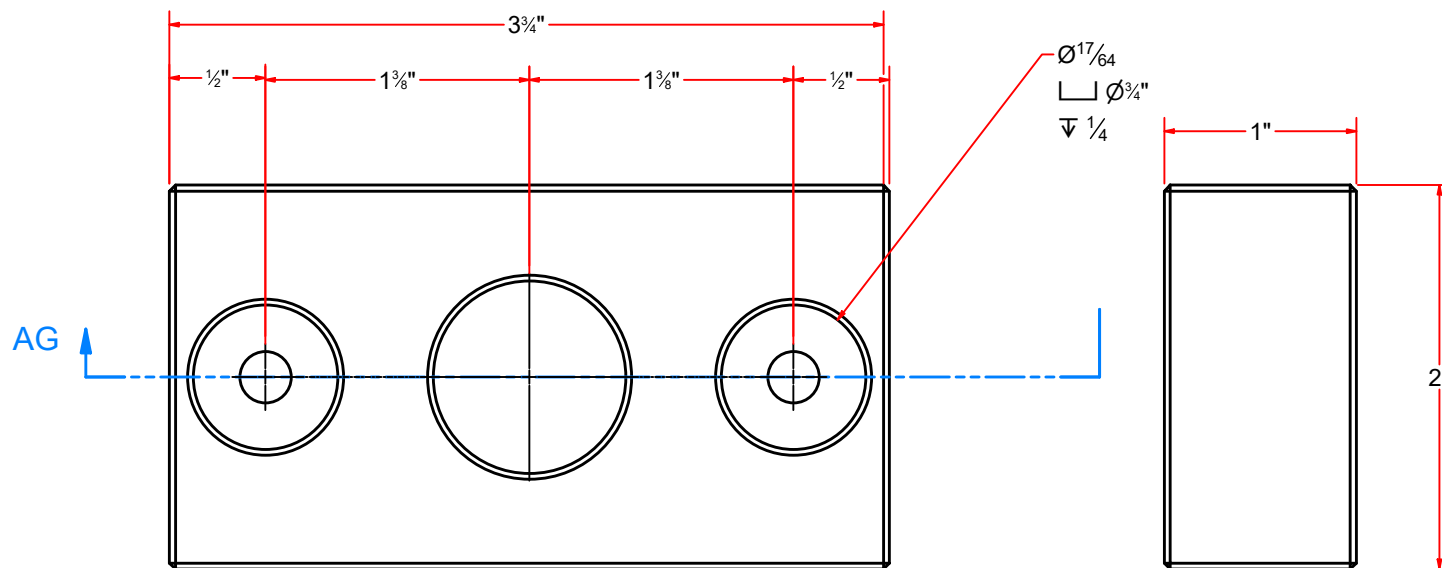
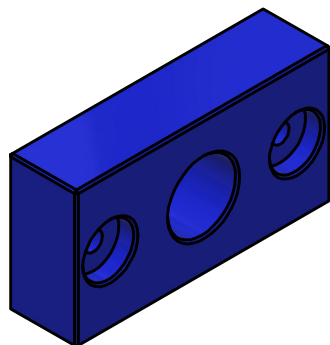


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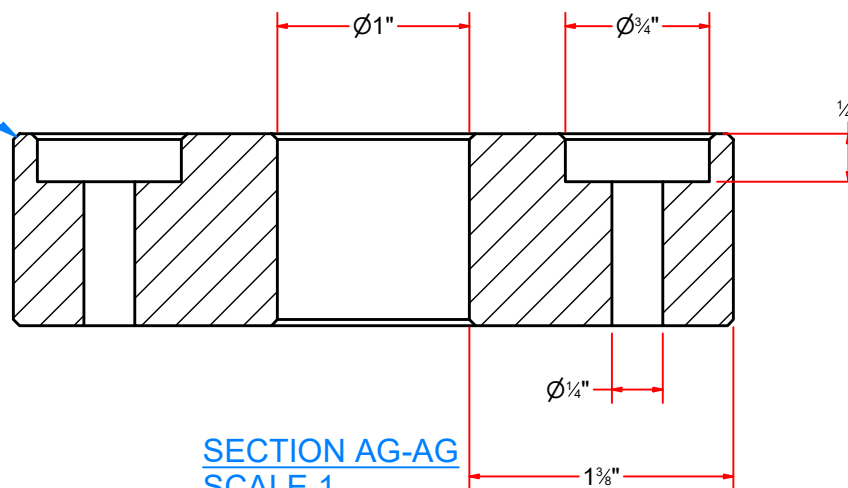
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DRAWN BY	Darpan	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: Octasquare Pivoting Oscillating High Pressure Arch	
QTY		DESCRIPTION: Manifold Assembly - 18" LG.	
RELEASE DATE	11/5/2021	PART NUMBER: P01DM	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 20 of 44

P01C1 - UHMW Block 3-3/4" x 2" x 1"



1/32 X 45° Chamfer"



SECTION AG-AG
SCALE 1



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PATH:L:\Libraries\AVW Components\UHNW Blocks\1in UHMW BracketB.ipt

DRAWN BY

Darpan

CUSTOMER: AVW Equipment Co.

CHECKED BY

PROJECT: Octasquare Pivoting Oscillating High Pressure Arch

QTY

DESCRIPTION: UHMW Block 3-3/4" x 2" x 1"

RELEASE DATE

11/5/2021

PART NUMBER: P01C1

REV# 1

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

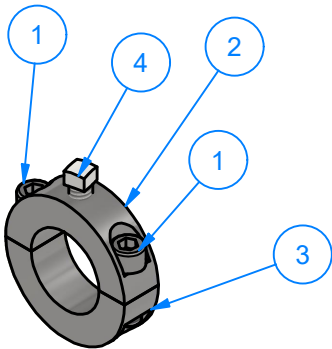
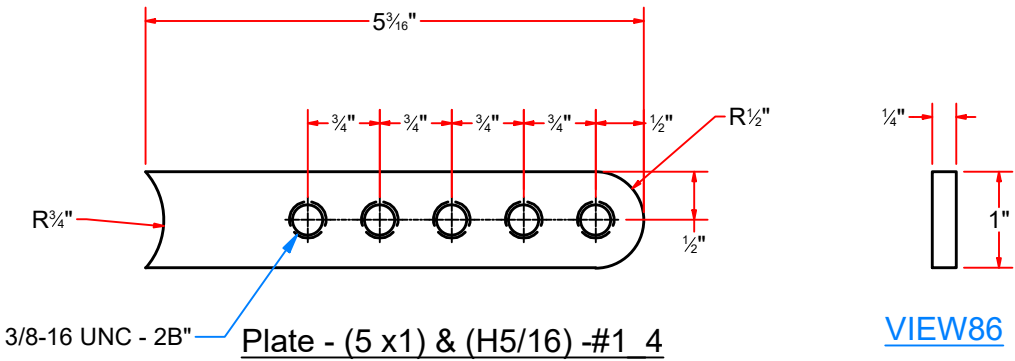
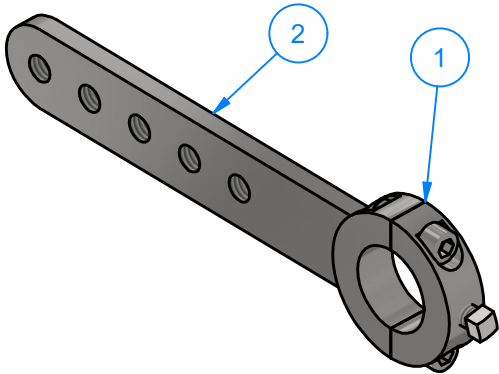
SIZE
A

EST WEIGHT:

SHEET 21 of 44

PO1-CAM2 - 5in Cam Arm w/ 5 Holes

Parts List		
ITEM	QTY	DESCRIPTION
1	1	Split Collar 1" ID X 1/2"
2	1	Plate - (5 x1) & (H5/16) -#1_4



Split Collar 1" ID X 1/2"

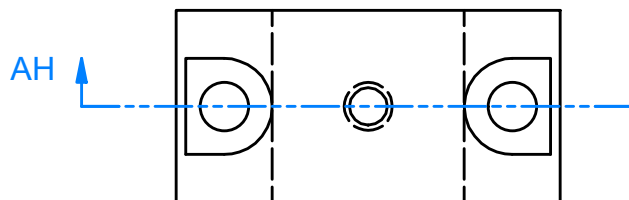
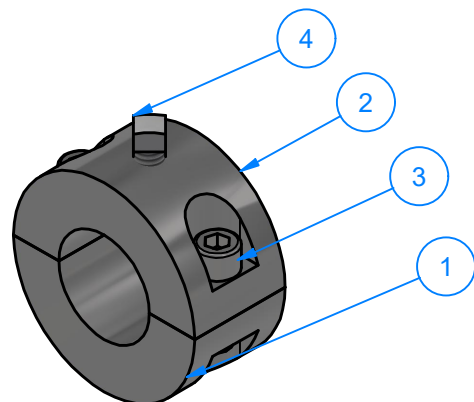
Parts List		
ITEM	QTY	DESCRIPTION
1	2	1/4"-20 x 3/4" L SS Socket Head Cap Screw
2	1	1 3/4" OD Steel Split Collar Top
3	1	1 3/4" OD Steel Split Collar Bottom
4	1	Square Head Screw - 1/4"-20 x 3/4" L SS



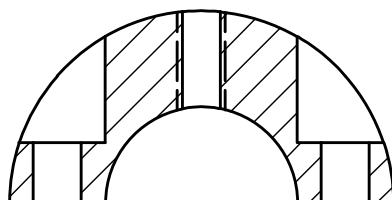
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CHECKED BY		PROJECT: Octasquare Pivoting Oscillating High Pressure Arch	
QTY		DESCRIPTION: 5in Cam Arm w/ 5 Holes	
RELEASE DATE	11/5/2021	PART NUMBER: PO1-CAM2	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 22 of 44

PO1C3 - SS Split Collar- 1in



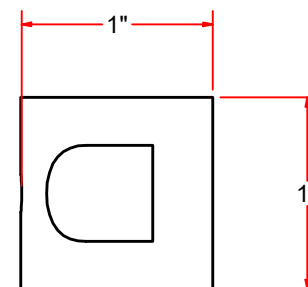
TOP



SECTION AH-AH

Parts List

ITEM	QTY	DESCRIPTION
1	1	1" ID Split Collar (Bottom Piece)
2	1	1" ID Split Collar (Top Piece)
3	2	1/4"-20 x 3/4" L SS Socket Head Cap Screw
4	1	Square Head Screw - 1/4"-20 x 3/4" L SS



VIEW89



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DRAWN BY

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CUSTOMER: AVW Equipment Co.

CHECKED BY

PROJECT: Octasquare Pivoting Oscillating High Pressure Arch

QTY

DESCRIPTION: SS Split Collar- 1in

RELEASE DATE

11/5/2021

PART NUMBER: PO1C3

REV# 1

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

SIZE
A

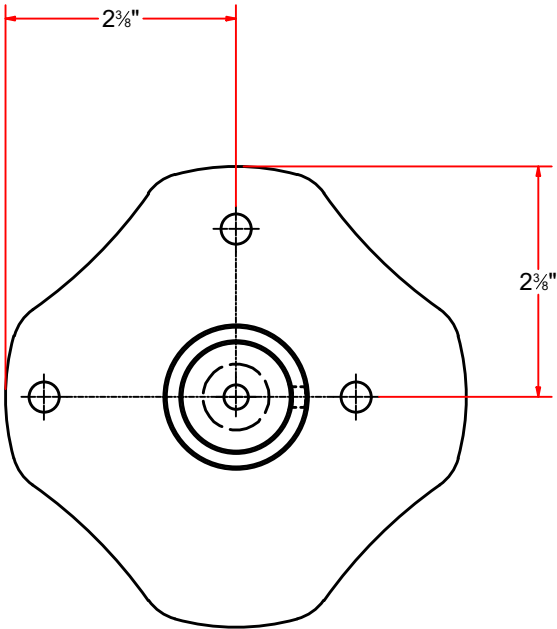
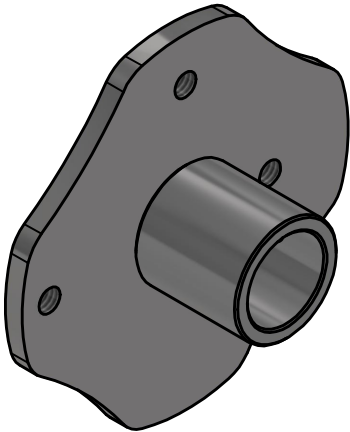
EST WEIGHT:

SHEET 23 of 44

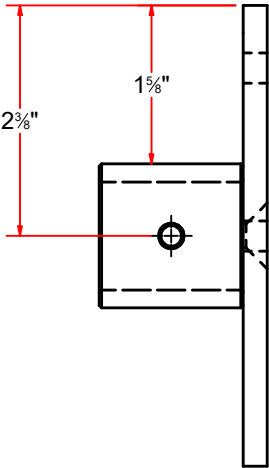
PATH:L:\Libraries\AVW Components\Collars\Split Collars\1 in Split Collar\SC-1 - Split Collar 1in\SC-1 - Split Collar 1in.iam

SB2ABDA - Oscillating Disk 1 1/8" - Hydraulic

Parts List		
ITEM	QTY	DESCRIPTION
1	1	One Piece Collar 1" I.D. x 1 1/2" O.D.
2	1	Oscilating Disk - 1/4" Hole



TOP



SIDE

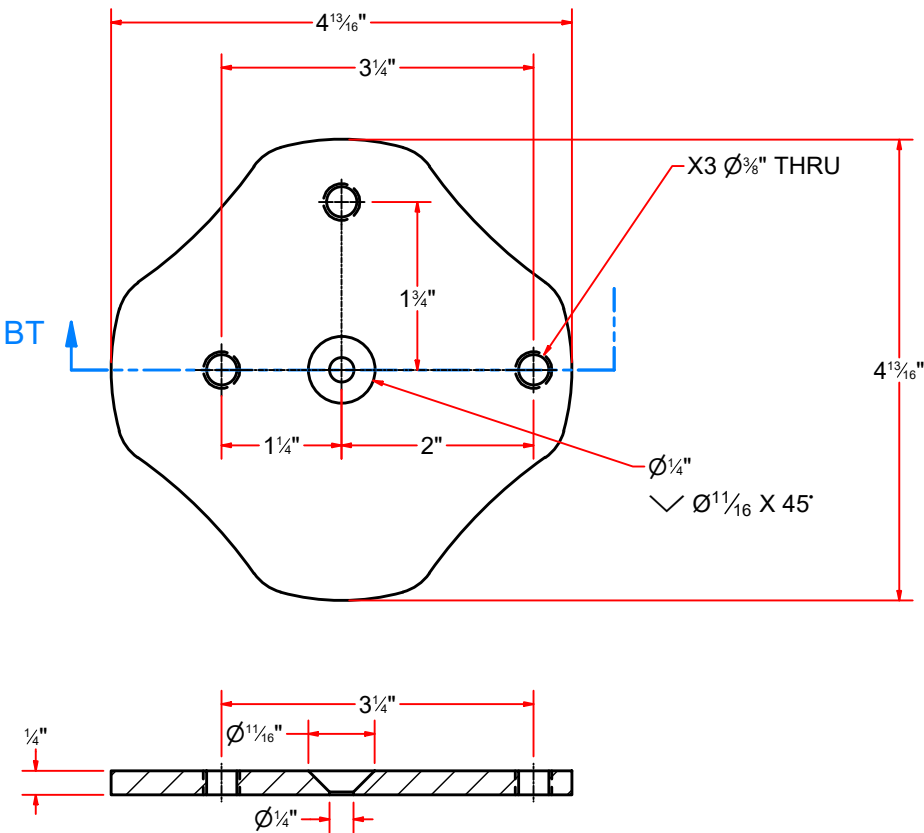
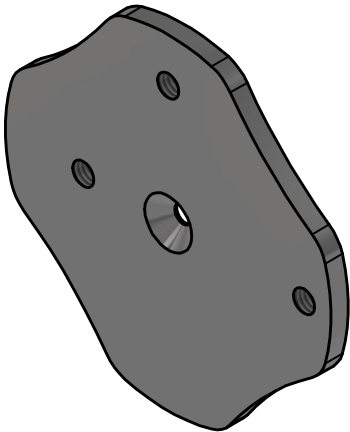


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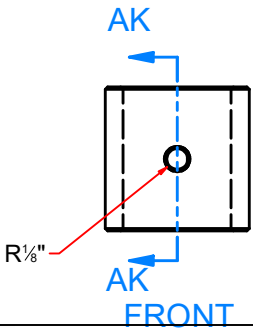
DRAWN BY	Darpan	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: Octasquare Pivoting Oscillating High Pressure Arch	
QTY		DESCRIPTION: Oscillating Disk 1_1/8" - Hydraulic	
RELEASE DATE	11/5/2021	PART NUMBER: SB2ABDA	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 24 of 44

OSCD004 - Oscilating Disk - 1/4" Hole



SECTION BT-BT

One Piece Collar 1" I.D. x 1 1/2" O.D.



SECTION AK-AK

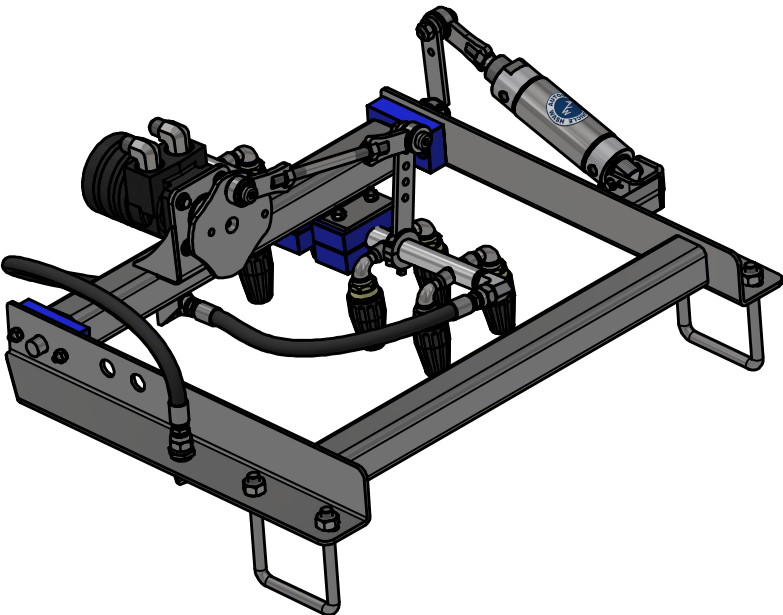
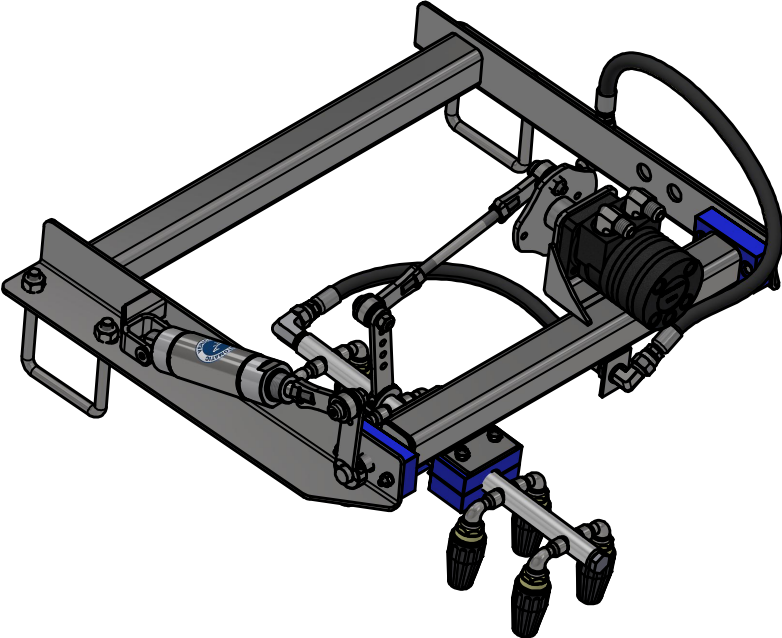


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DRAWN BY	Darpan	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: Octasquare Pivoting Oscillating High Pressure Arch	
QTY		DESCRIPTION: One Piece Collar 1" I.D. x 1 1/2" O.D.	
RELEASE DATE	11/5/2021	PART NUMBER:	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 25 of 44

PO1D - Pivoting Oscillating Side Manifold - Driver

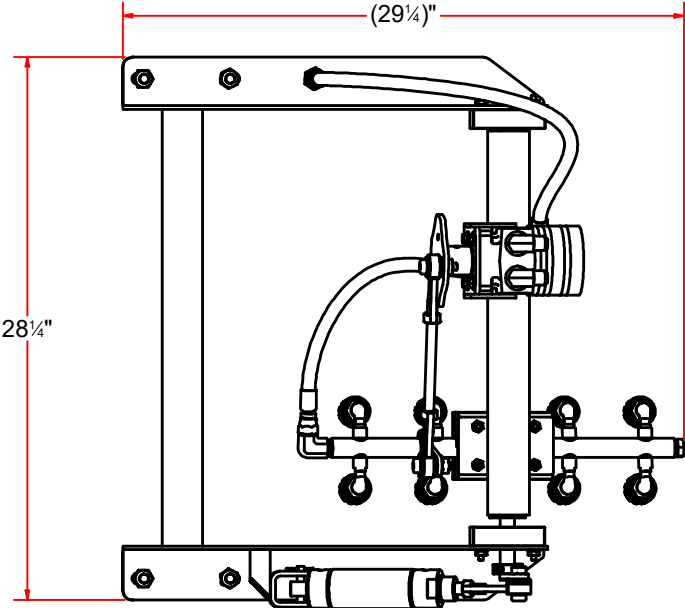


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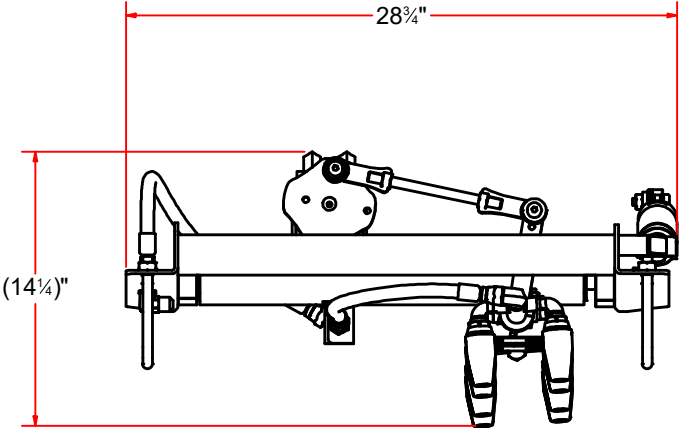
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DRAWN BY	Darpan	CUSTOMER: AVW Equipment Co.		
CHECKED BY		PROJECT: Octasquare Pivoting Oscillating High Pressure Arch		
QTY		DESCRIPTION: Pivoting Oscillating Side Manifold - Driver		
RELEASE DATE	11/5/2021	PART NUMBER: PO1D	REV# 1	
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:	SHEET 26 of 44

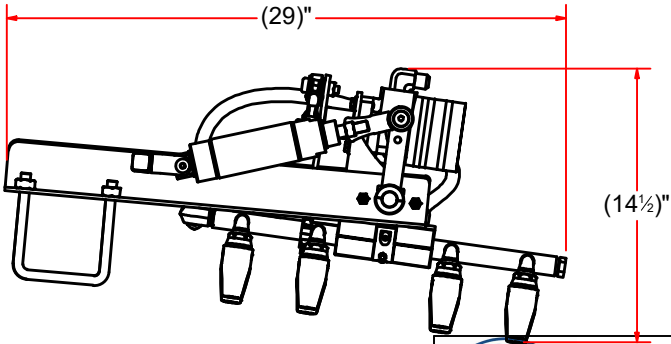
PO1D - Pivoting Oscillating Side Manifold - Driver



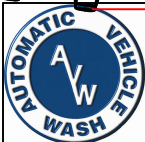
TOP



FRONT



SIDE



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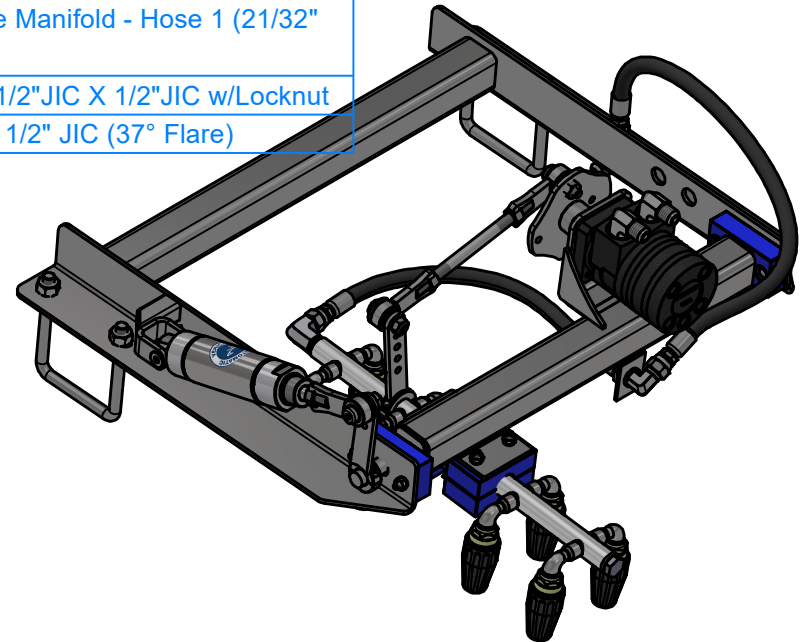
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DRAWN BY	Darpan	CUSTOMER: AVW Equipment Co.	
CHECKED BY		PROJECT: Octasquare Pivoting Oscillating High Pressure Arch	
QTY		DESCRIPTION: Pivoting Oscillating Side Manifold - Driver	
RELEASE DATE	11/5/2021	PART NUMBER: PO1D	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 27 of 44

PO1D - Pivoting Oscillating Side Manifold - Driver

Parts List		
ITEM	QTY	DESCRIPTION
1	1	Manifold Frame - Driver
2	1	Pivoting Bar w/ Motor Mount - Driver (Hydraulic)
3	3	Shoulder Bolt - 1/2" X 1" LG (3/8" Thread)
4	4	Hex Cap Screw - 1/4"-20 X 1-1/2"
5	8	1/4" N FLAT WASHER
6	2	UHMW Block - 2 Peice
7	4	1/4" - 20 x 2.5" UNC Hex Screw
8	1	Manifold Assembly - 18" LG.
9	3	1/2" Flat Washer
10	2	UHMW Block 3-3/4" x 2" x 1"
11	8	1/4"-20 Hex Nut
12	1	SS Split Collar- 1in
13	1	Pin 3/8" x 2" LG
14	1	Cotter Pin
15	1	5in Cam Arm w/ 5 Holes
16	1	4in Cam Arm
17	4	1/2" FJIC, 37°-3/8" Hose Crimp
18	1	Air Cylinder 2" x 3"
19	1	Ball Joint End Rod
20	5	1/2" N Flat Washer

Parts List		
ITEM	QTY	DESCRIPTION
21	1	Oscillating Arm Assembly 7"
22	1	Oscillating Disk 1_1/8" - Hydraulic
23	3	3/8"-16 18-8ss Heavy Hex Nut
24	4	1/2-13 Hex Nut
25	2	Square U Bolt D 1/2" x 4" x 5" LG
26	2	Elbow (1/2" NPT Male X 1/2" JIC Male)
27	4	Hex Head Cap Screw 1/4"-20 x 1"
28	4	1/4" FLAT WASHER
29	1	Hydraulic Motor
30	1	Driver Side Manifold - Hose 2 (21/32" OD)
31	1	Driver Side Manifold - Hose 1 (21/32" OD)
32	2	Bulkhead 1/2"JIC X 1/2"JIC w/Locknut
33	1	Elbow-90° 1/2" JIC (37° Flare)



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CUSTOMER: AVW Equipment Co.

CHECKED BY

PROJECT: Octasquare Pivoting Oscillating High Pressure Arch

QTY

DESCRIPTION: Pivoting Oscillating Side Manifold - Driver

RELEASE DATE

11/5/2021

PART NUMBER: PO1D

REV# 1

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

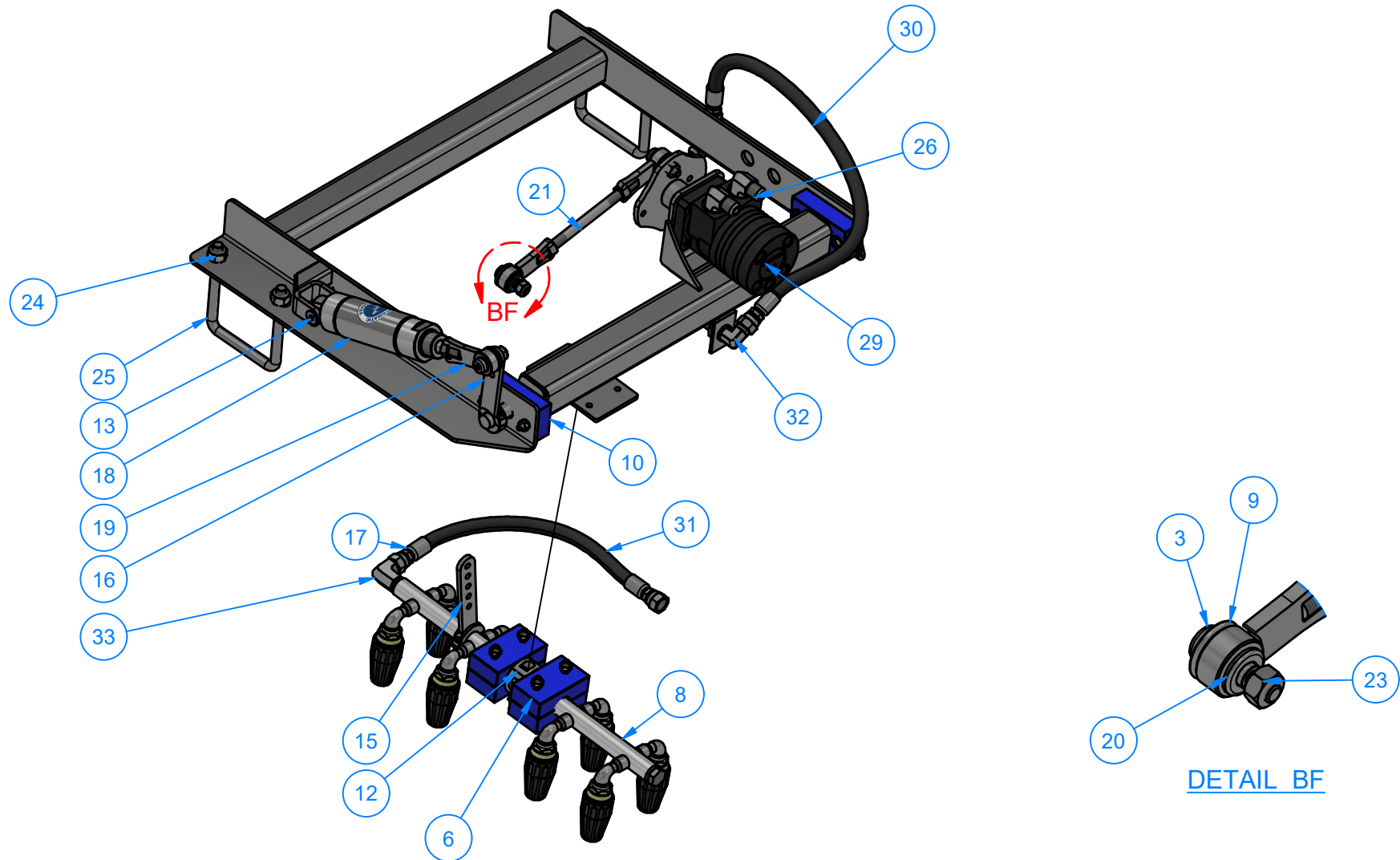
SIZE
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EST WEIGHT:

SHEET 28 of 44

PATH:L:\Libraries\Productivity\PO1 Side Manifolds\Hydraulic\Left Side (Driver)\PO1D.iam

PO1D - Pivoting Oscillating Side Manifold - Driver



VIEW139



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PROJECT: Octasquare Pivoting Oscillating High Pressure Arch

QTY

DESCRIPTION: Pivoting Oscillating Side Manifold - Driver

RELEASE DATE

11/5/2021

PART NUMBER: PO1D

REV# 1

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

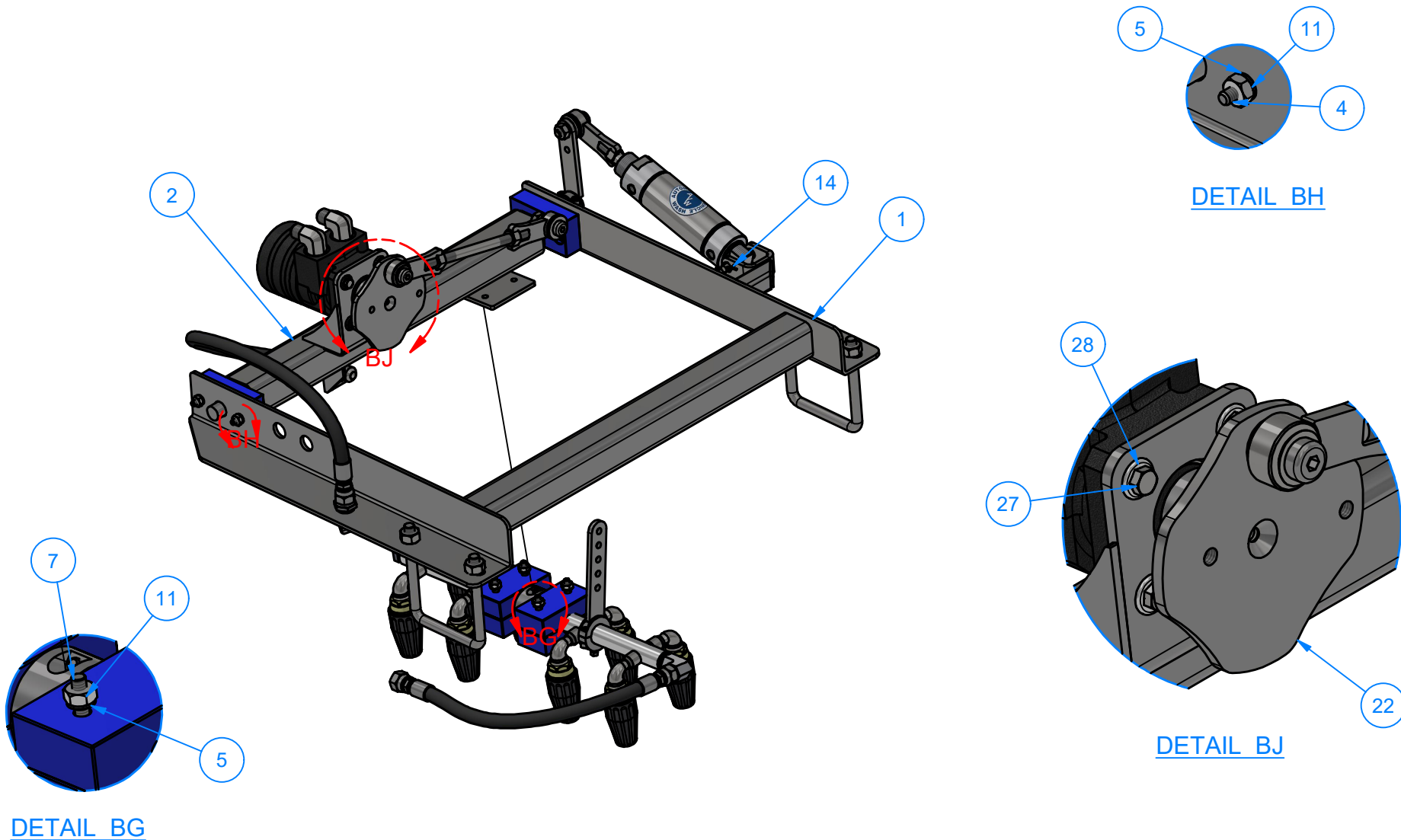
SIZE
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EST WEIGHT:

SHEET 29 of 44

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PO1D - Pivoting Oscillating Side Manifold - Driver

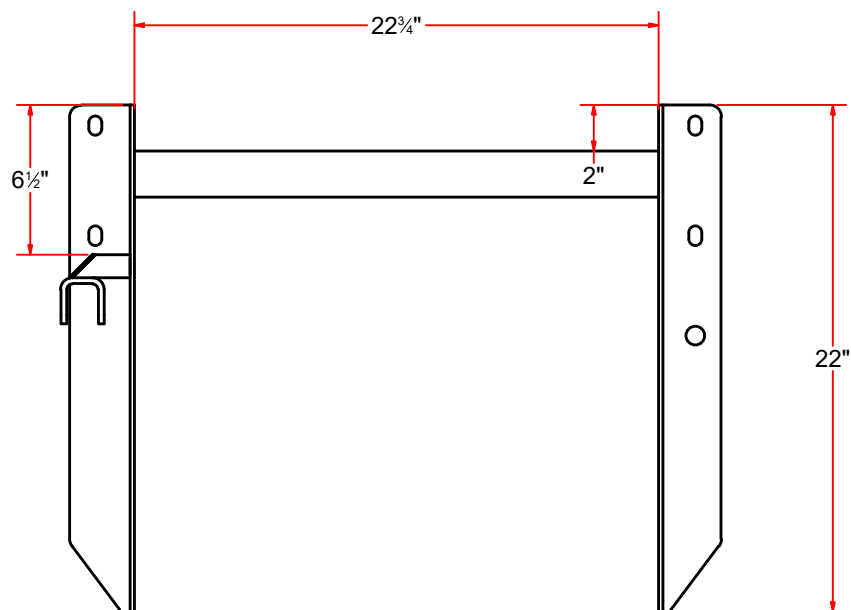
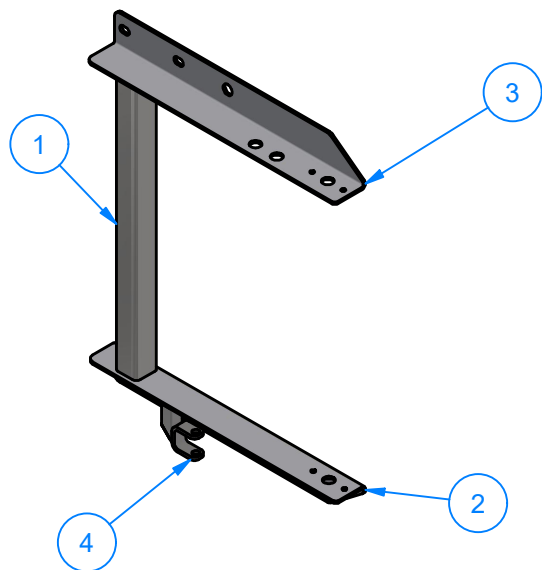


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QTY		DESCRIPTION: Pivoting Oscillating Side Manifold - Driver	
RELEASE DATE	11/5/2021	PART NUMBER: PO1D	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 30 of 44

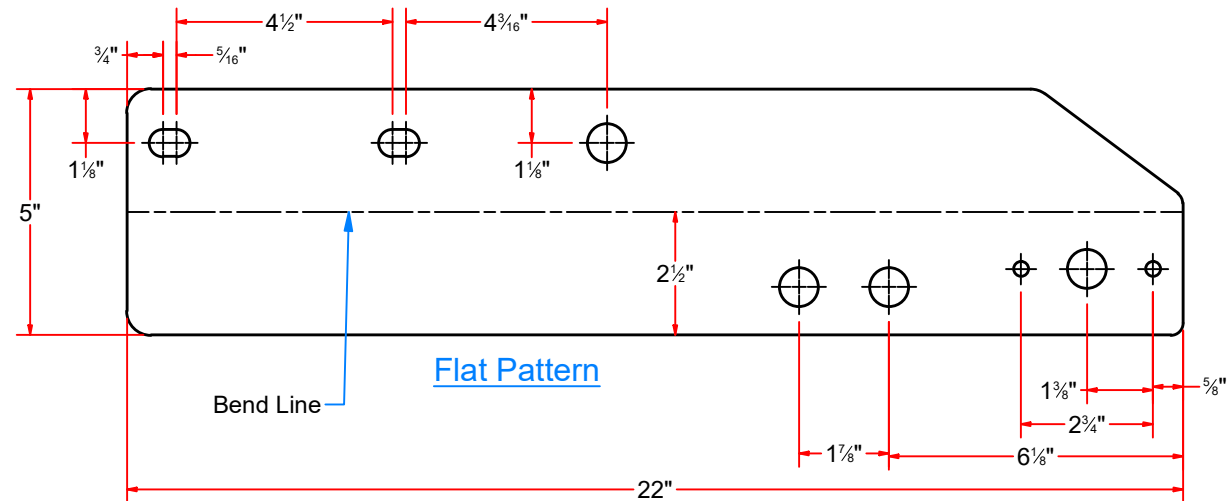
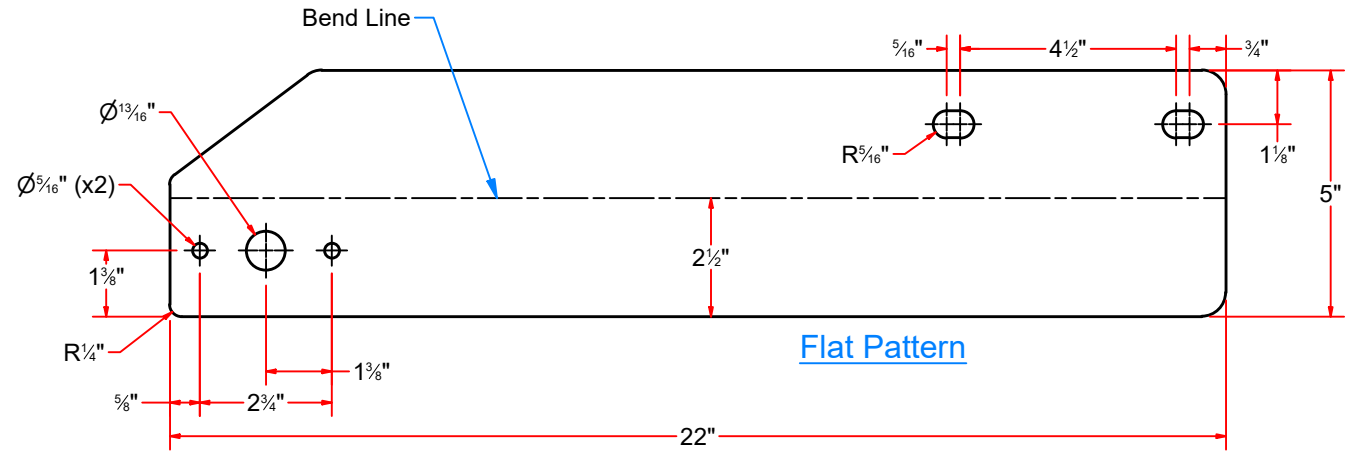
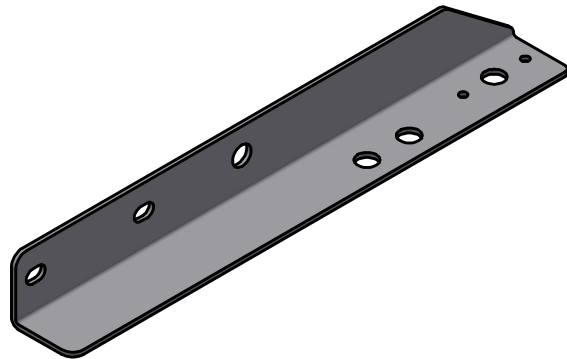
Parts List		
ITEM	QTY	DESCRIPTION
1	1	Sq. Tube 2" X 2" x 22-3/4" LG
2	1	Angle A Driver Side 2.775"x2.5"x22LG
3	1	Angle B Driver Side 2.775"x2.5"x22LG
4	1	1/2" Clevis




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CHECKED BY		PROJECT: Octasquare Pivoting Oscillating High Pressure Arch		
QTY		DESCRIPTION: Manifold Frame - Driver		
RELEASE DATE	11/5/2021	PART NUMBER: P01DB		REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:	SHEET 31 of 44

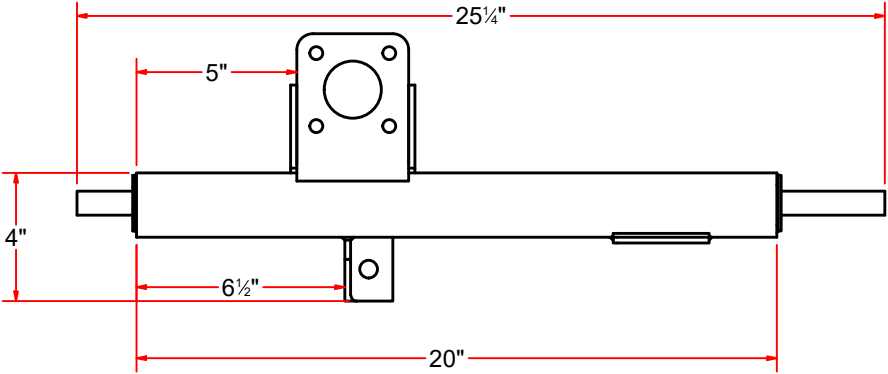
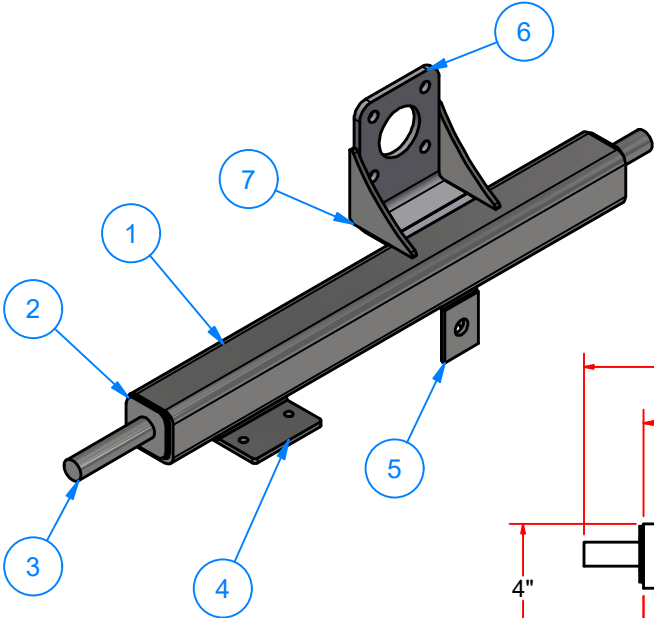
RELEASE DATE	11/5/2021	PART NUMBER: P01DB		REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:	SHEET 31 of 44

PATH:L:\Libraries\Productivity\PO1 Side Manifolds\Hydraulic\Left Side (Driver)\Parts\021.iam

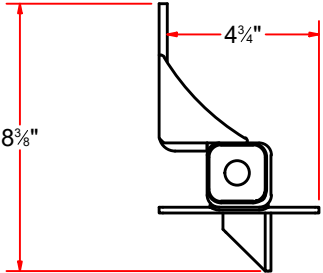


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	CHECKED BY		PROJECT: Octasquare Pivoting Oscillating High Pressure Arch		
	QTY		DESCRIPTION: Angle A Driver Side 2.775"x2.5"x22LG		
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	DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:	SHEET 32 of 44
PATH: L:\Libraries\AVW Components\Plates\PO1 Side Manifold Frames\Driver Side\Angle A (Drivers Side).ipt					

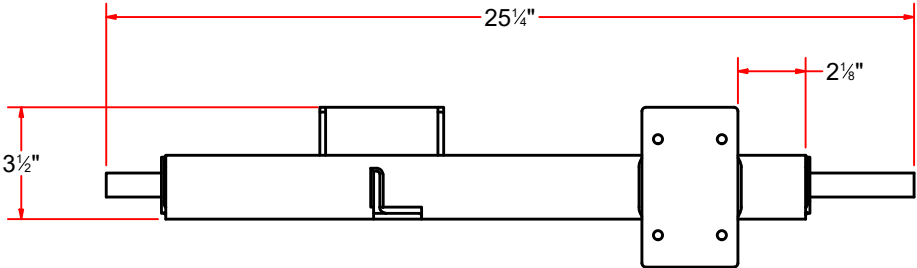
PO1DA - Pivoting Bar w/ Motor Mount - Driver (Hydraulic)



FRONT



VIEW168



BOTTOM

Parts List		
ITEM	QTY	DESCRIPTION
1	1	Sq. Tubing 2" x 2" xX 20" LG.
2	2	Plate #3/16" x 1 3/4" x 1 3/4"
3	1	Round Shaft 3/4" X 25-1/4" LG.
4	1	Plate #3/16" Ga x 3" x 5" LG
5	1	Angle 1.5" x 1.5" x 2" LG.
6	1	Plate #1/4 x 5-1/2 x 3-1/2
7	2	Gusset #3/16" x 2-3_4x2-3_4

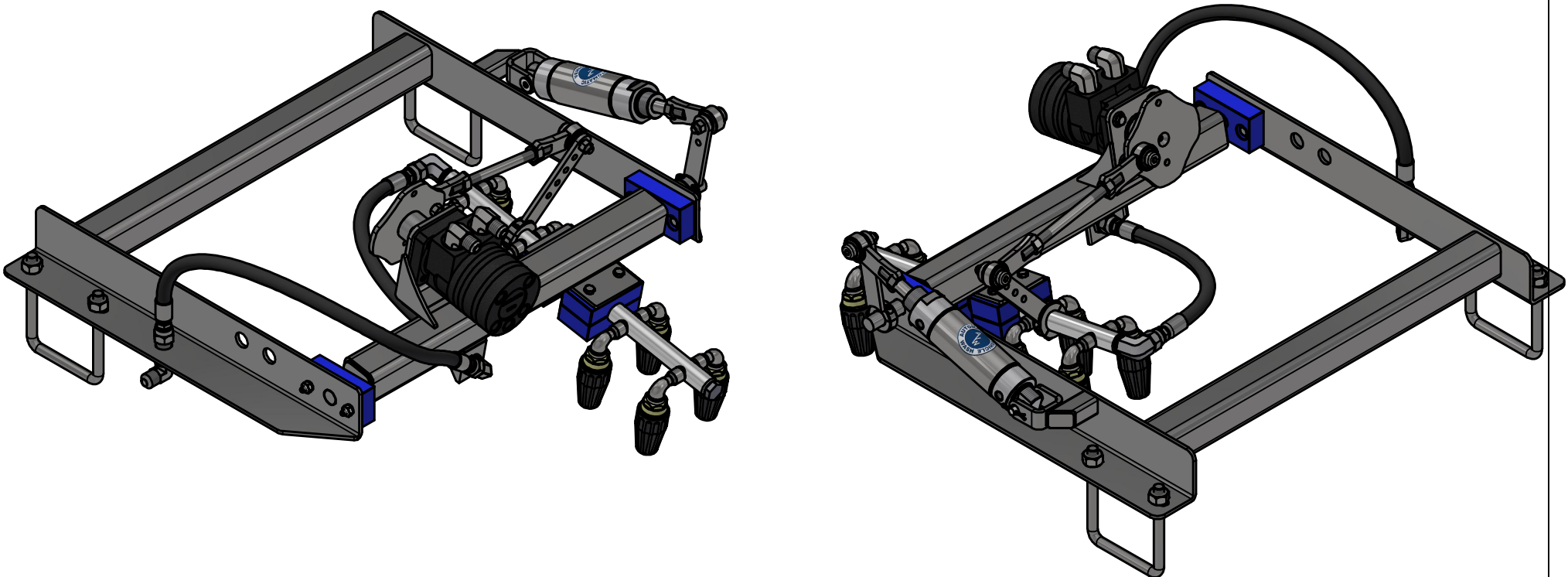


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QTY		DESCRIPTION: Pivoting Bar w/ Motor Mount - Driver (Hydraulic)	
RELEASE DATE	11/5/2021	PART NUMBER: PO1DA	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 33 of 44

PO1E - Pivoting Oscillating Side Manifold - Passenger

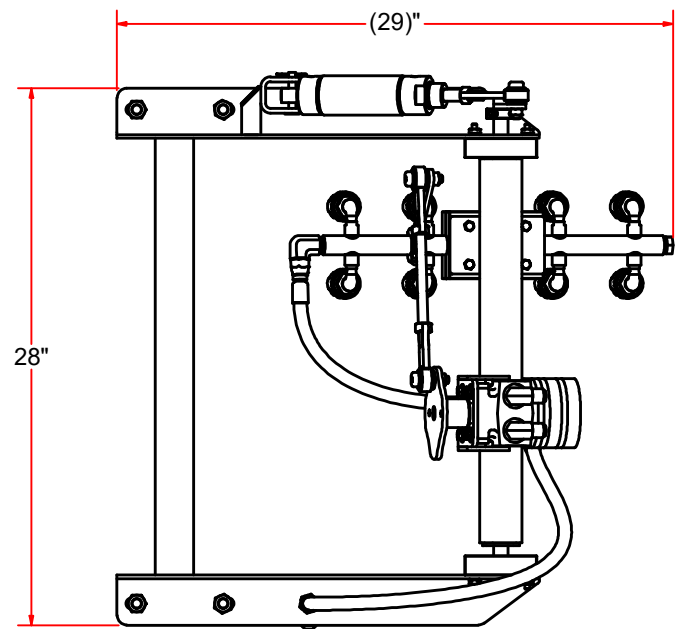


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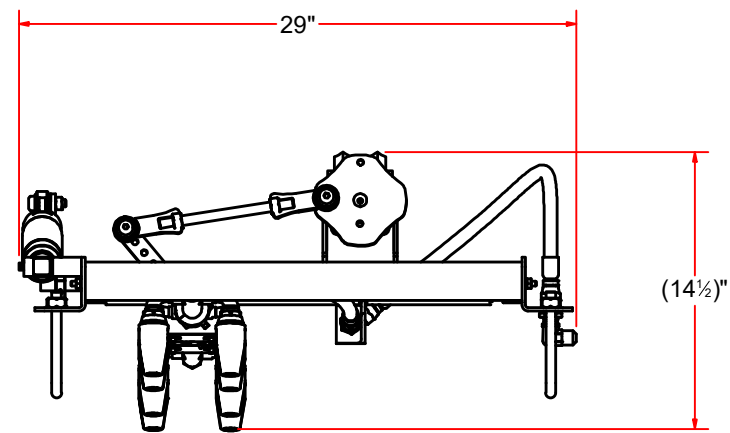
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CHECKED BY		PROJECT: Octasquare Pivoting Oscillating High Pressure Arch	
QTY		DESCRIPTION: Pivoting Oscillating Side Manifold - Passenger	
RELEASE DATE	11/5/2021	PART NUMBER: PO1E	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 34 of 44

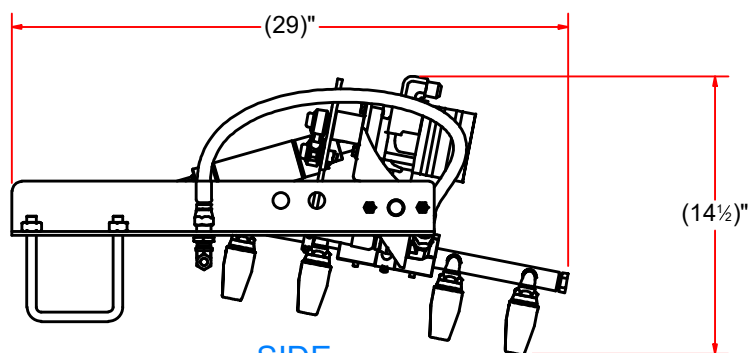
PO1E - Pivoting Oscillating Side Manifold - Passenger




TOP



FRONT

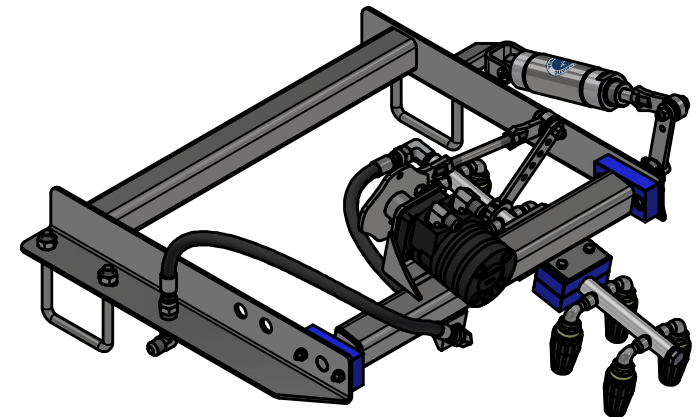


SIDE

 <div>AVW EQUIPMENT CO., INC. 105 S. 9TH AVENUE MAYWOOD, IL 60153 Tel: 708-343-7738 Fax: 708-343-9065 WWW.AVWEQUIPMENT.COM</div>	DRAWN BY	Darpan	CUSTOMER: AVW Equipment Co.	
	CHECKED BY		PROJECT: Octasquare Pivoting Oscillating High Pressure Arch	
	QTY		DESCRIPTION: Pivoting Oscillating Side Manifold - Passenger	
	RELEASE DATE	11/5/2021	PART NUMBER: PO1E	REV# 1
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		SIZE A	EST WEIGHT:	SHEET 35 of 44
PATH: L:\Libraries\Productivity\PO1 Side Manifolds\Hydraulic\Right Side (Passenger)\PO1E.iam				

PO1E - Pivoting Oscillating Side Manifold - Passenger

Parts List			Parts List		
ITEM	QTY	DESCRIPTION	ITEM	QTY	DESCRIPTION
1	2	UHMW Block - 2 Peice	21	4	1/4"-20 18-8ss Heavy Hex Nut
2	4	1/4" - 20 x 2.5" UNC Hex Screw	22	3	Hex Nut - 3/8"-16
3	8	1/4" N FLAT WASHER	23	4	1/2-13 Hex Nut
4	4	Hex Cap Screw - 1/4"-20 X 1-1/2"	24	4	1/4"-20 Hex Nut
5	3	Shoulder Bolt - 1/2" X 1" LG (3/8" Thread)	25	2	Square U Bolt D 1/2" x 4" x 5" LG
6	2	UHMW Block 3-3/4" x 2" x 1"	26	2	Elbow (1/2" NPT Male X 1/2" JIC Male)
7	9	1/2" N Flat Washer	27	1	Hydraulic Motor
8	1	SS Split Collar- 1in	28	4	Hex Head Cap Screw 1/4"-20 x 1"
9	1	Pin 3/8" x 2" LG	29	4	1/4" FLAT WASHER
10	1	Cotter Pin	30	1	Passenger Side Manifold - Hose 1 (21/32" OD)
11	1	5in Cam Arm w/ 5 Holes	31	1	Passenger Side Manifold - Hose 2 (21/32" OD)
12	1	4in Cam Arm	32	2	Bulkhead 1/2"JIC X 1/2"JIC w/Locknut
13	1	Manifold Assembly - 18" LG.	33	1	Elbow-90° 1/2" JIC (37° Flare)
14	4	1/2" FJIC, 37°-3/8" Hose Crimp			
15	1	Pivoting Bar w/ Motor Mount - Passenger			
16	1	Air Cylinder 2" x 3"			
17	1	Ball Joint End Rod			
18	1	Oscillating Arm Assembly 7"			
19	1	Oscillating Disk 1_1/8" - Hydraulic			
20	1	Manifold Frame - Passenger			



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PROJECT: Octasquare Pivoting Oscillating High Pressure Arch

QTY

DESCRIPTION: Pivoting Oscillating Side Manifold - Passenger

RELEASE DATE

11/5/2021

PART NUMBER: PO1E

REV# 1

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

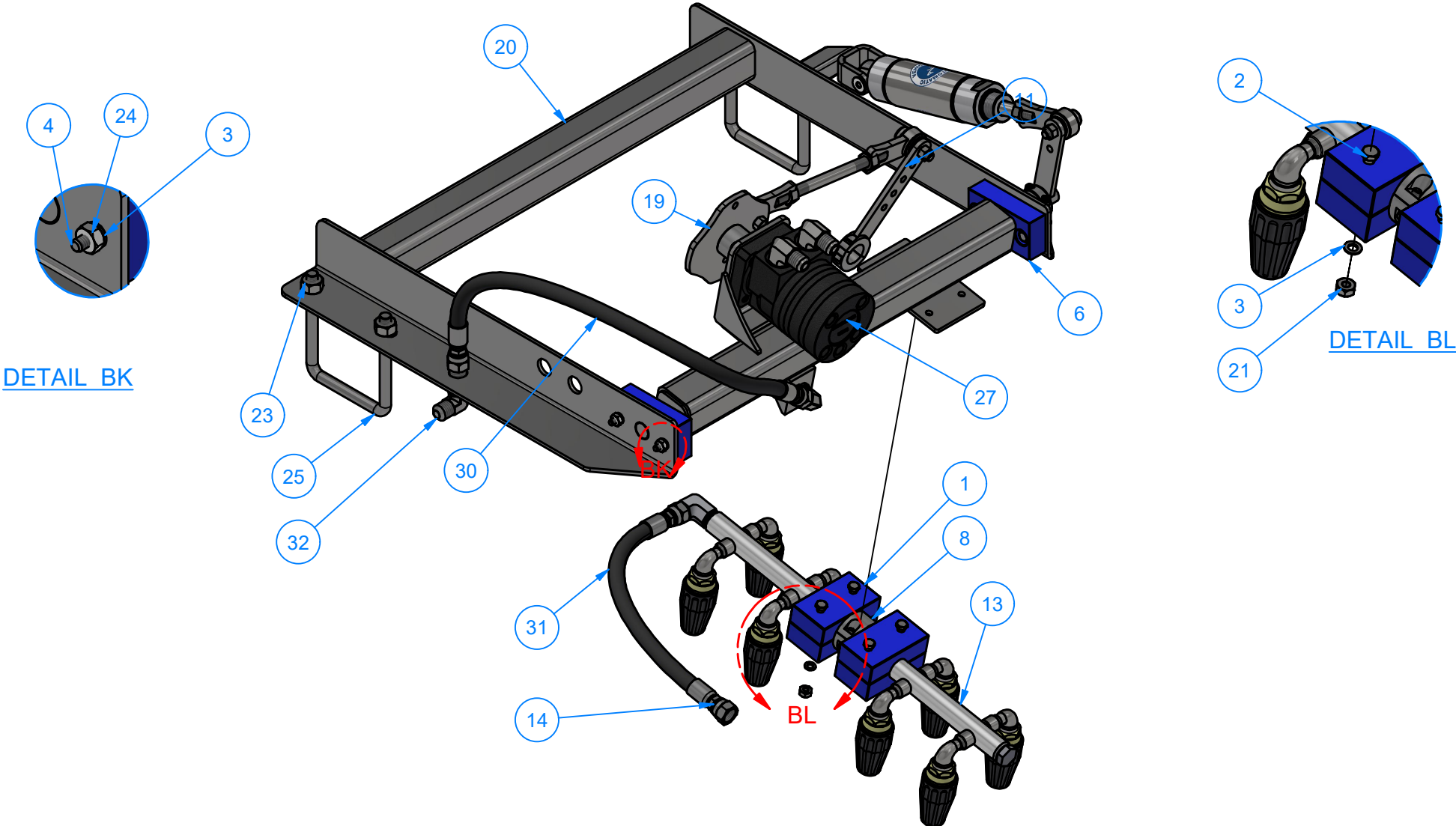
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SHEET 36 of 44

PATH:L:\Libraries\Productivity\PO1 Side Manifolds\Hydraulic\Right Side (Passenger)\PO1E.iam

PO1E - Pivoting Oscillating Side Manifold - Passenger

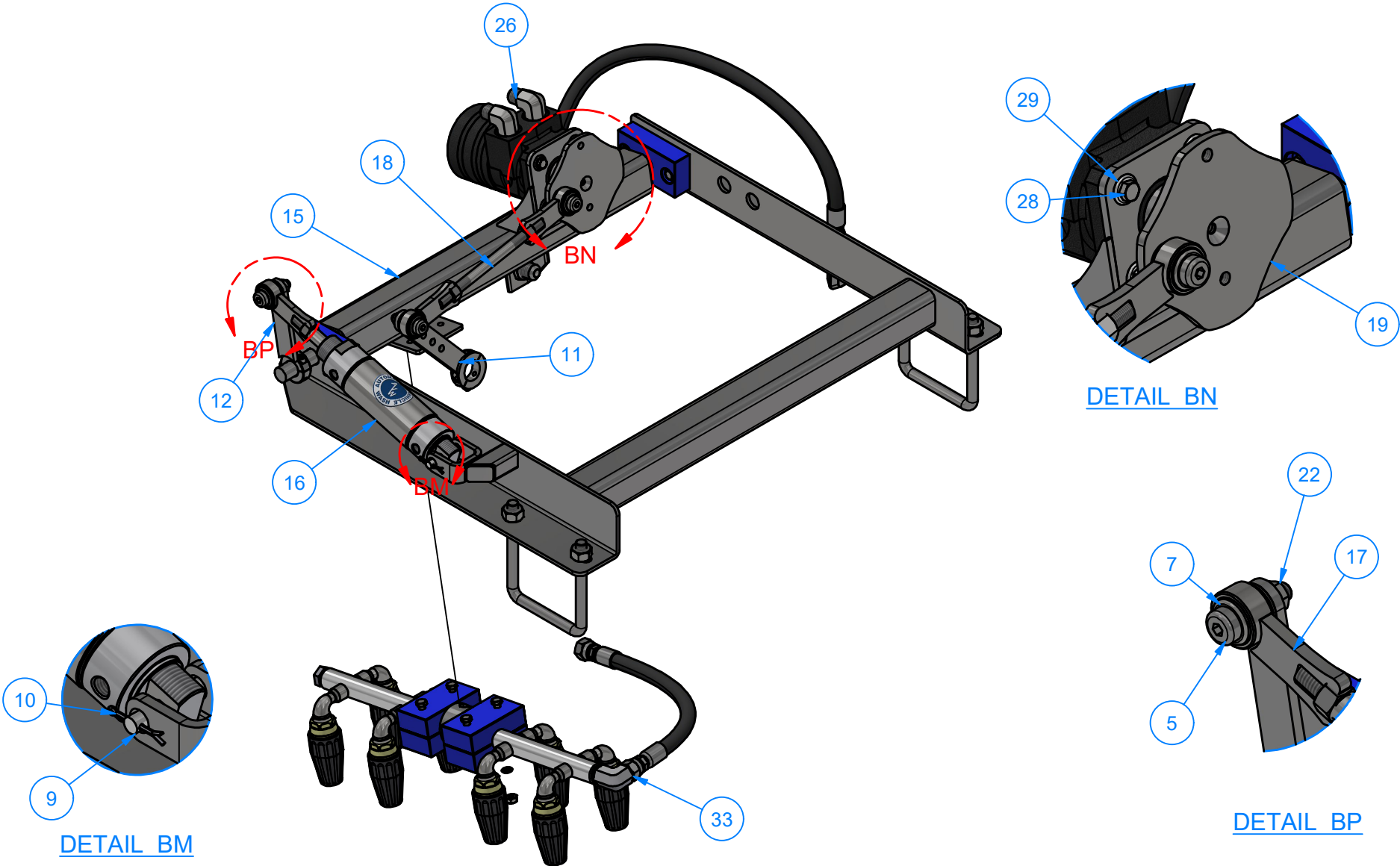


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QTY		DESCRIPTION: Pivoting Oscillating Side Manifold - Passenger	
RELEASE DATE	11/5/2021	PART NUMBER: PO1E	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 37 of 44

PO1E - Pivoting Oscillating Side Manifold - Passenger

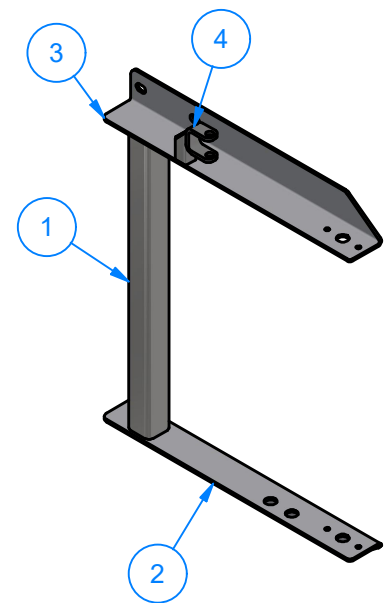


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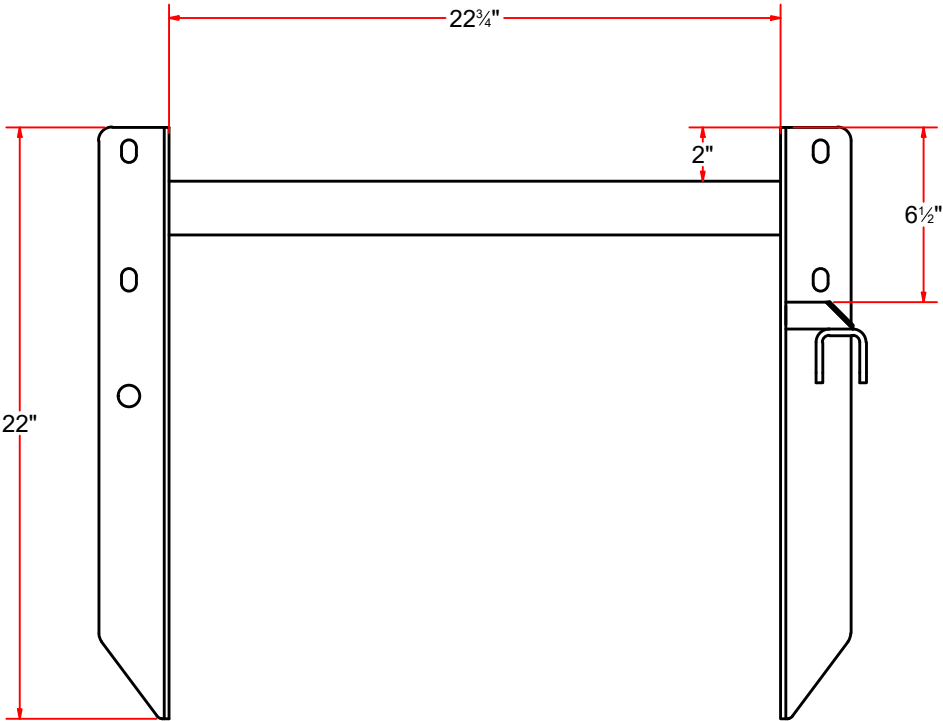
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QTY		DESCRIPTION: Pivoting Oscillating Side Manifold - Passenger	
RELEASE DATE	11/5/2021	PART NUMBER: PO1E	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 38 of 44

PO1EB - Manifold Frame - Passenger



Parts List		
ITEM	QTY	DESCRIPTION
1	1	Sq. Tube 2" X 2" x 22-3/4" LG
2	1	Angle B Passenger Side 2.775"x2.5"x22LG
3	1	Angle A Passenger Side 2.775"x2.5"x22LG
4	1	1/2" Clevis

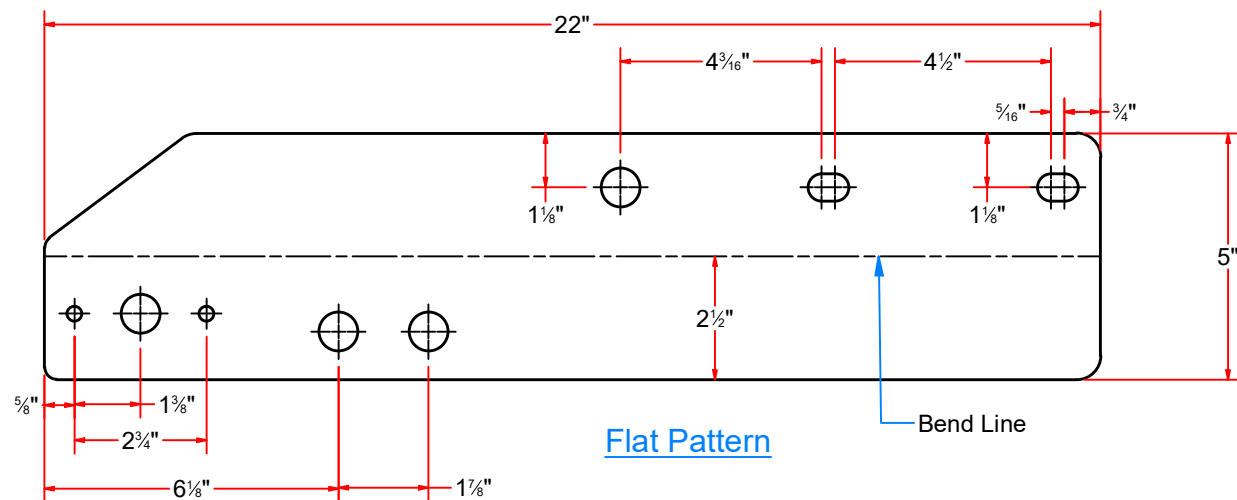
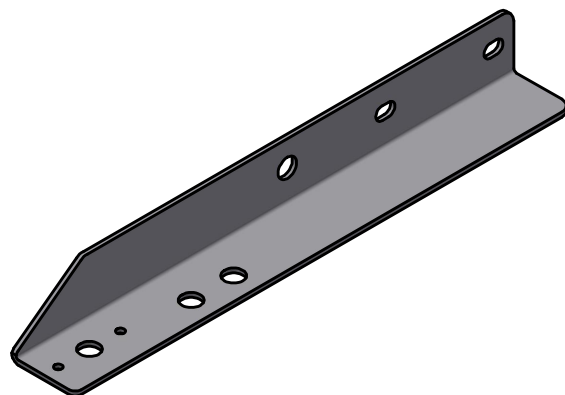
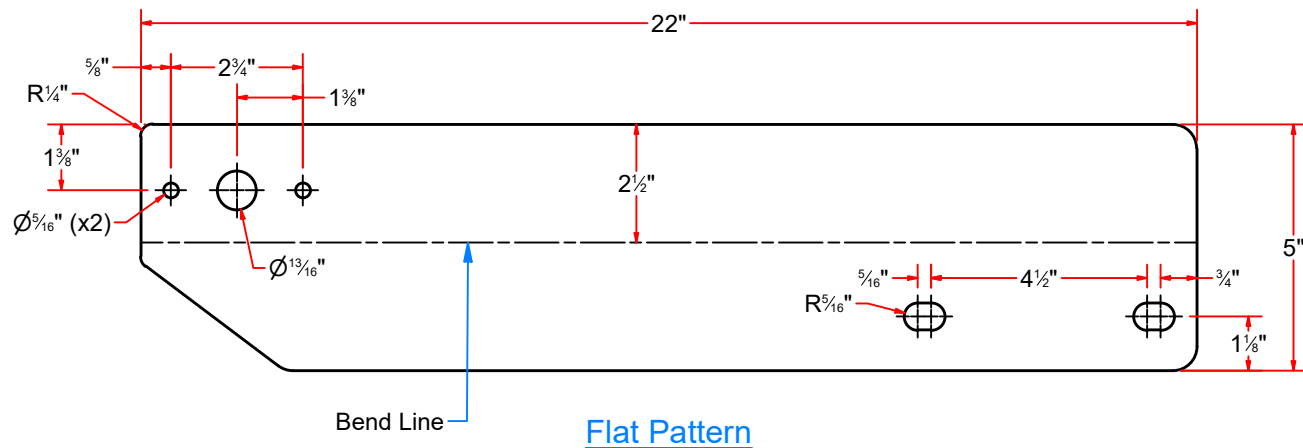
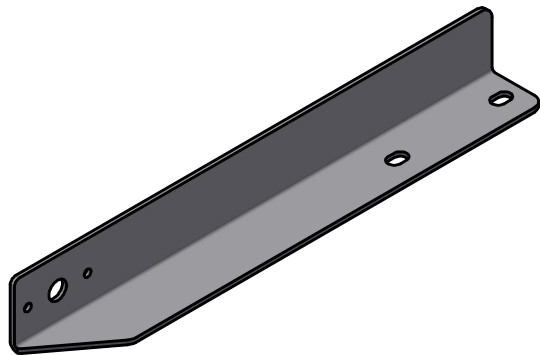


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CHECKED BY		PROJECT: Octasquare Pivoting Oscillating High Pressure Arch	
QTY		DESCRIPTION: Manifold Frame - Passenger	
RELEASE DATE	11/5/2021	PART NUMBER: PO1EB	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 39 of 44

Passenger Side Angle Plates



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DRAWN BY

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CHECKED BY

PROJECT: Octasquare Pivoting Oscillating High Pressure Arch

QTY

DESCRIPTION: Angle A Passenger Side 2.775"x2.5"x22LG

RELEASE DATE

11/5/2021

PART NUMBER: PO1EBB-EL

REV# 1

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

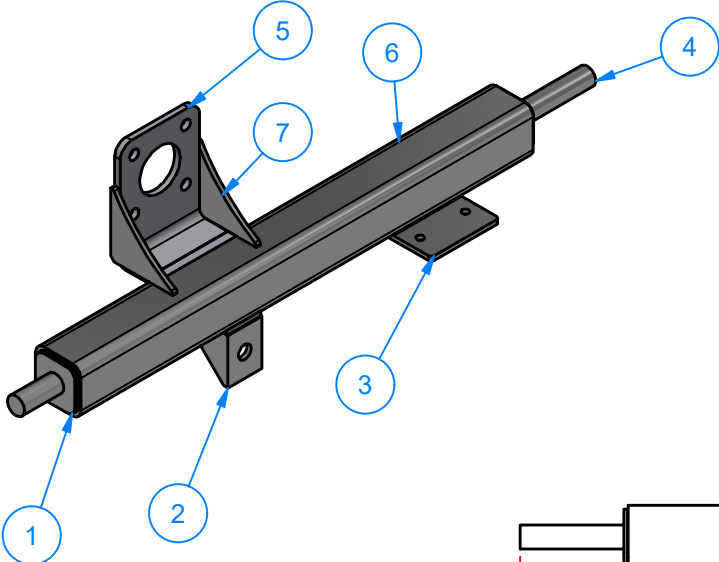
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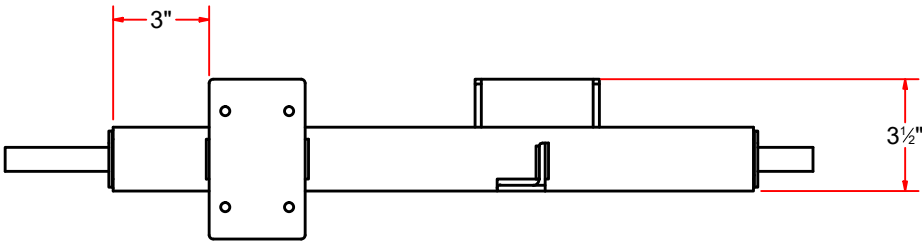
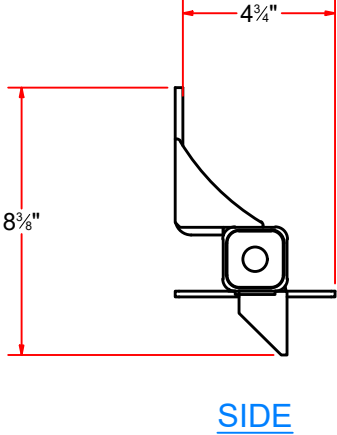
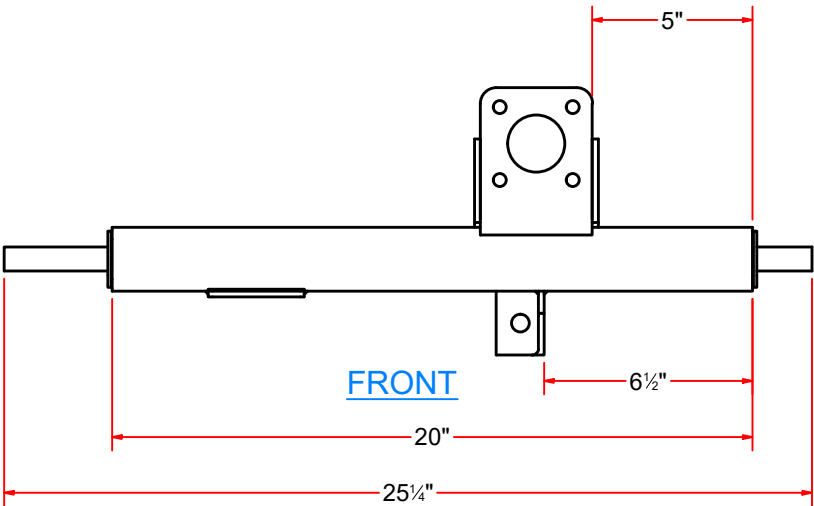
SHEET 40 of 44

PATH:L:\Libraries\AVW Components\Plates\PO1 Side Manifold Frames\Passenger Side\Angle A (Passenger Side).ipt

PO1EA - Pivoting Bar w/ Motor Mount - Passenger



Parts List		
ITEM	QTY	DESCRIPTION
1	2	Plate #3/16" x 1 3/4" x 1 3/4"
2	1	ANGLE 1.5" X 1.5" X .1875" WALL X 2" LG.
3	1	Plate #3/16" Ga x 3" x 5" LG
4	1	Round Shaft 3/4" X 25-1/4" LG.
5	1	Plate #1/4 x 5-1/2 x 3-1/2
6	1	Sq. Tubing 2" x 2" xX 20" LG.
7	2	Gusset #3/16" x 2-3_4x2-3_4



BOTTOM



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CHECKED BY		PROJECT: Octasquare Pivoting Oscillating High Pressure Arch	
QTY		DESCRIPTION: Pivoting Bar w/ Motor Mount - Passenger	
RELEASE DATE	11/5/2021	PART NUMBER: PO1EA	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 41 of 44

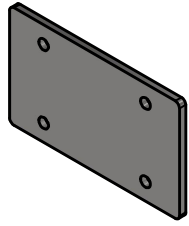
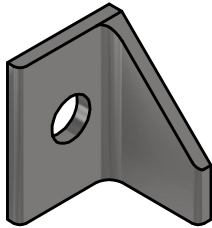
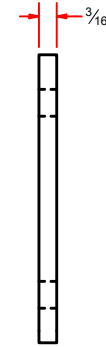
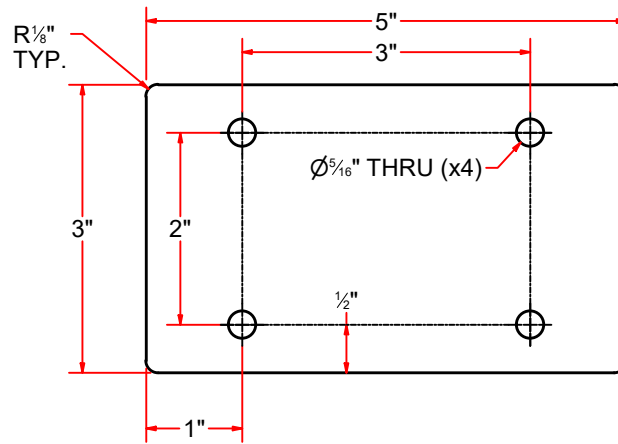
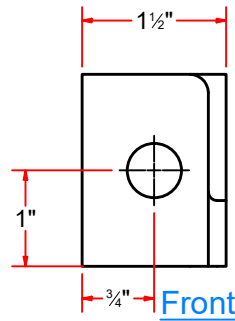


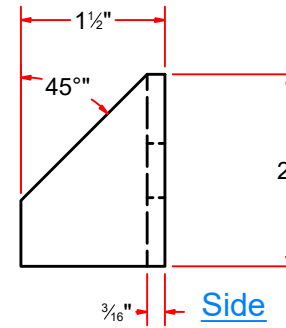
Plate #3/16" Ga x 3" x 5" LG



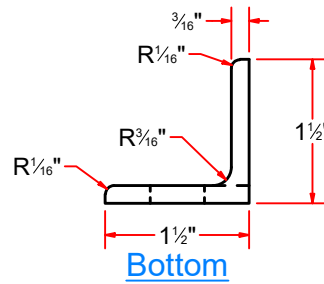
Angle 1.5" x 1.5" x 2" LG.



Front



Side



Bottom



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

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DRAWN BY

Darpan

CUSTOMER: AVW Equipment Co.

CHECKED BY

PROJECT: Octasquare Pivoting Oscillating High Pressure Arch

QTY

DESCRIPTION: Plate #3/16" Ga x 3" x 5" LG

RELEASE DATE

11/5/2021

PART NUMBER: Plate #3_16 Ga x 3 x 5 LG

REV# 1

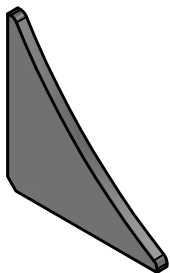
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.

SIZE
A

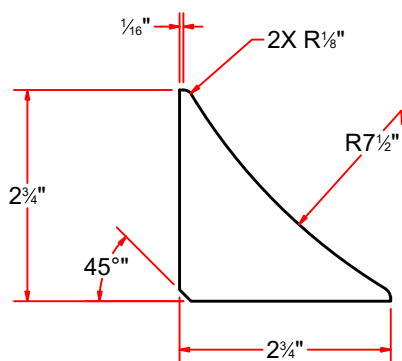
EST WEIGHT:

SHEET 42 of 44

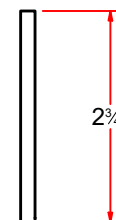
PATH:L:\Libraries\AVW Components\Plates\Plate #3_16 Ga x 3 x 5 LG.ipt



Gusset #3/16" x 2-3 4x2-3 4



FRONT



SIDE



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105 S. 9TH AVENUE
MAYWOOD, IL 60153
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Darpan

CUSTOMER: AVW Equipment Co.

CHECKED BY

PROJECT: Octasquare Pivoting Oscillating High Pressure Arch

QTY

DESCRIPTION: Gusset #3/16" x 2-3_4x2-3_4

RELEASE
DATE

11/5/2021

PART NUMBER: GUSSS187X0275X0275

REV# 1

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

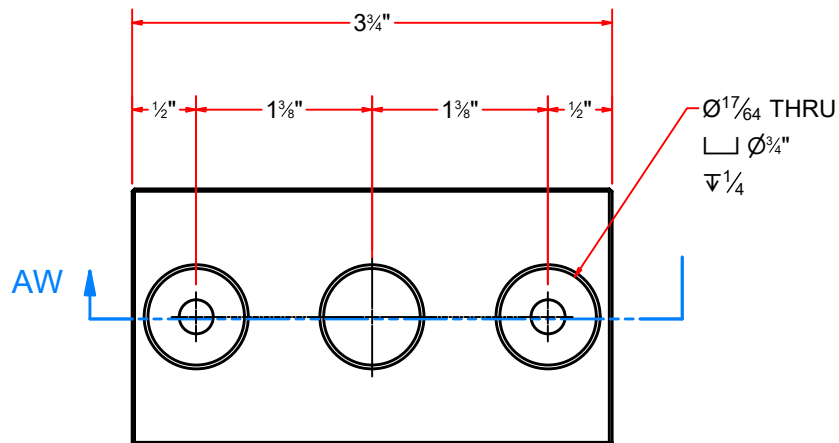
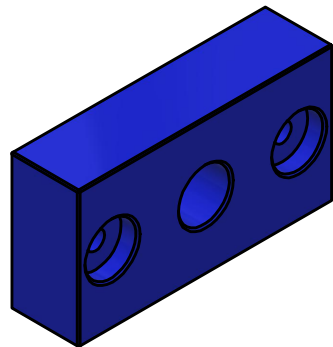
SIZE
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EST WEIGHT:

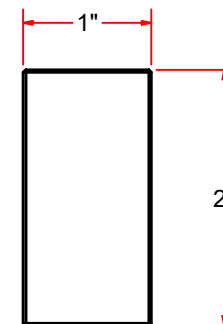
SHEET 43 of 44

PATH:L:\Libraries\AVW Components\Plates\Gussetts\Wrap Arm Rubber Stopper Gusset (2-3_4 x 2-3_4).ipt

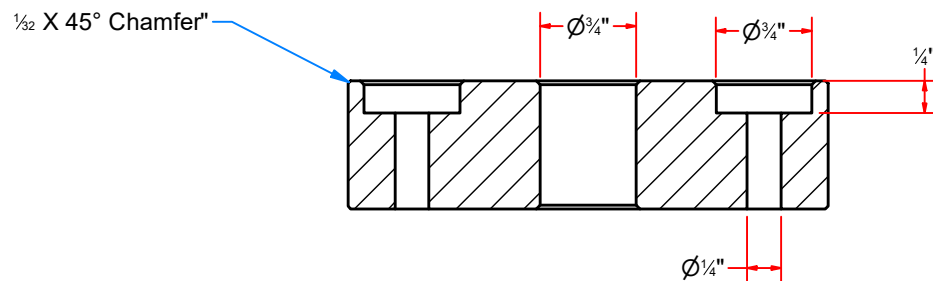
PO1C1A - UHMW Block 3-3/4" x 2" x 1"



FRONT



SIDE



SECTION AW-AW



AVW EQUIPMENT CO., INC.
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DRAWN BY

Darpan

CUSTOMER: AVW Equipment Co.

CHECKED BY

PROJECT: Octasquare Pivoting Oscillating High Pressure Arch

QTY

DESCRIPTION: UHMW Block 3-3/4" x 2" x 1"

RELEASE
DATE

11/5/2021

PART NUMBER: PO1C1A

REV# 1

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

SIZE
A

EST WEIGHT:

SHEET 44 of 44