



**Date:** April 14, 2015

**To:** Veron

**Project:**

**Attn:**

**Recommended Equipment:**

- (6) Backdraft hoods: 4" x 40" x 4"
  - (3) Hanging Fume Arms: 2040 (8" x 14')
  - (3) Heavy Duty Single Boom: 8010 ( 8" x 10')
  - (1) Fan: DBN200 w/ 7500 CFM
  - (1) Hanging Fume Arms: 2040 (8" x 14')
  - (1) Fan: DBN-75 w/2500CFM
  - (1) Plasma CAM system: PS-150 w/ RM-150E and DP66
- 
- (6) Welding Booth: WB-1055 (side-by-side)
  - (6) Hanging Fume Arms: 1620 (6" x 7')

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Email: [info@avanienvironmental.com](mailto:info@avanienvironmental.com)  
[www.weldingbooths.com](http://www.weldingbooths.com)

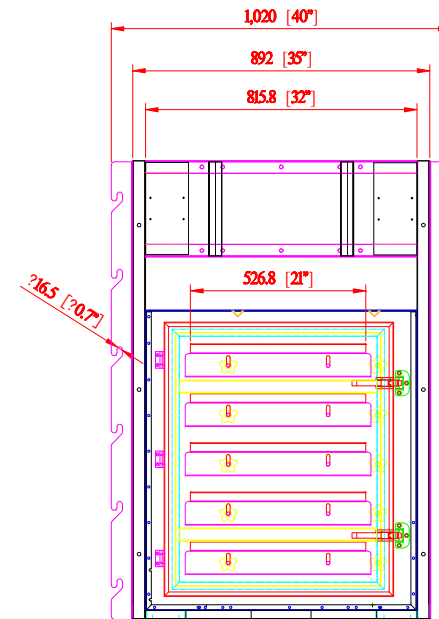
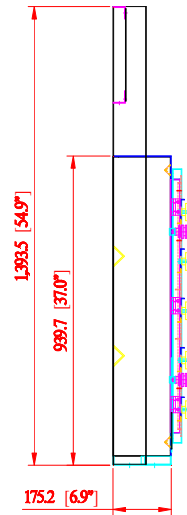
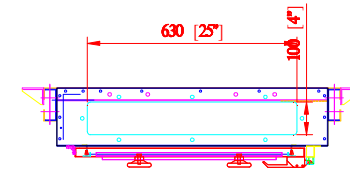
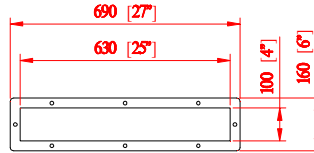
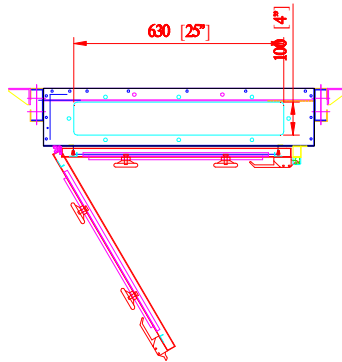
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Revisions			
Rev	Description	Date	Approved



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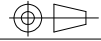
AVANI ENVIRONMENTAL INTL. INC. Sales Department  
 95 Cypress Drive (919) 570-2862  
 Youngsville, NC 27596 info@avanienvironmental.com

	Date	Name	Part Number:	Title:
Drawn by:	2015-04-14	***	REVISION A	Backdraft Hood: 4" x 40"-C
Checked by:				
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Scale	Drawing Number:
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Backdraft Hood: 4" x 40"-C	

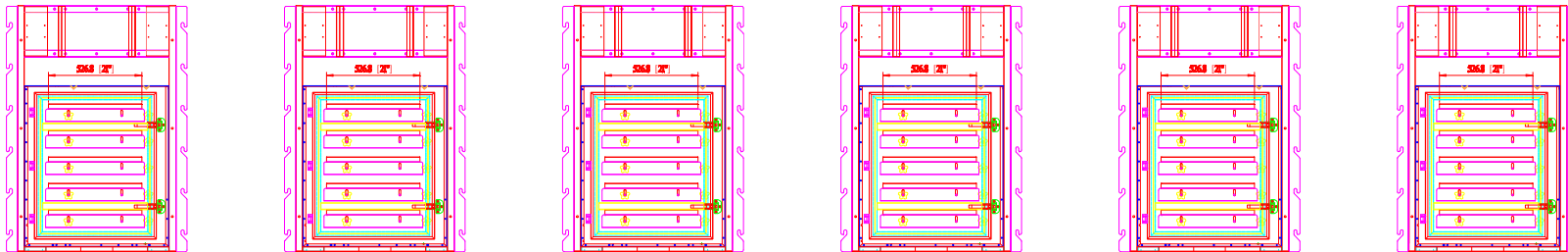
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Date	Name	Part Number:
2015-04-14	***	REVISION A
Checked by:		

Title:  
Backdraft Hood: 4" x 40"-C layout

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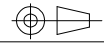
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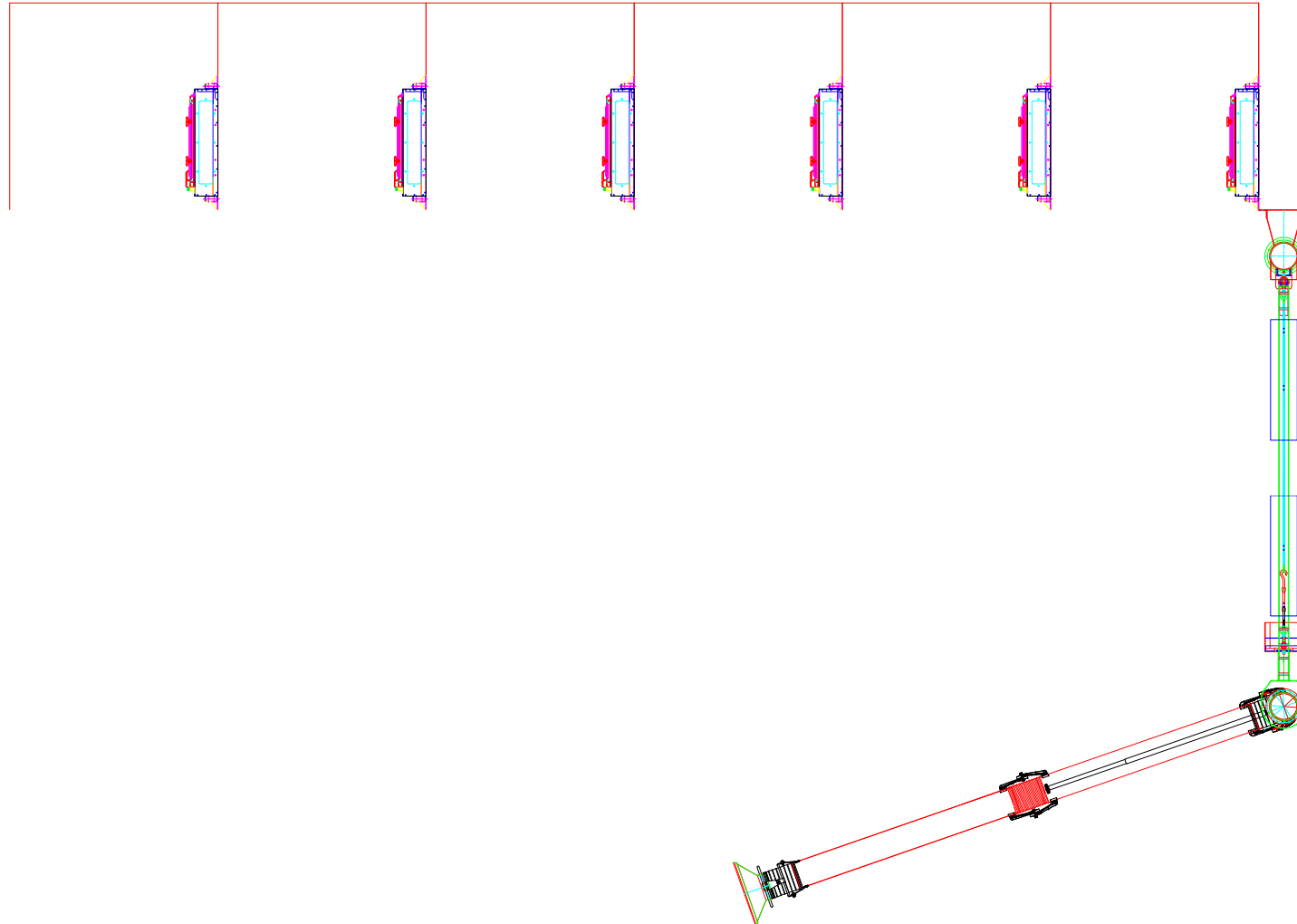
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Backdraft Hood: 4" x 40"-C

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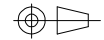


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AVANI ENVIRONMENTAL INTL. INC. Sales Department 95 Cypress Drive Youngsville, NC 27596 (919) 570-2862 info@avanienvironmental.com	Date 2015-04-14	Name ***	Part Number: REVISION A	Title: Backdraft Hood: 4" x 40"-C layout	
	Checked by:				Size <b>A</b>
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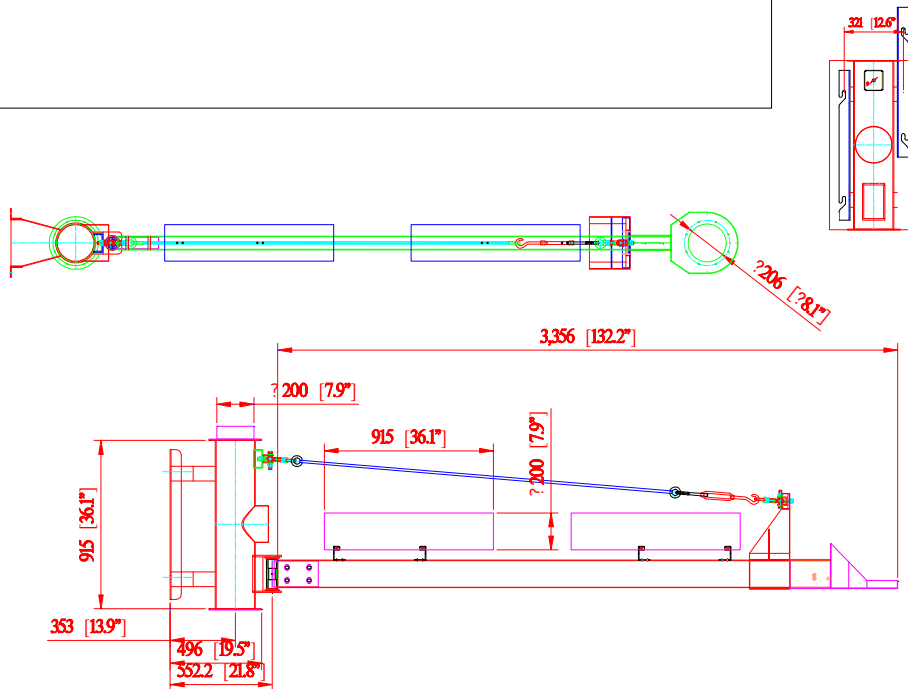
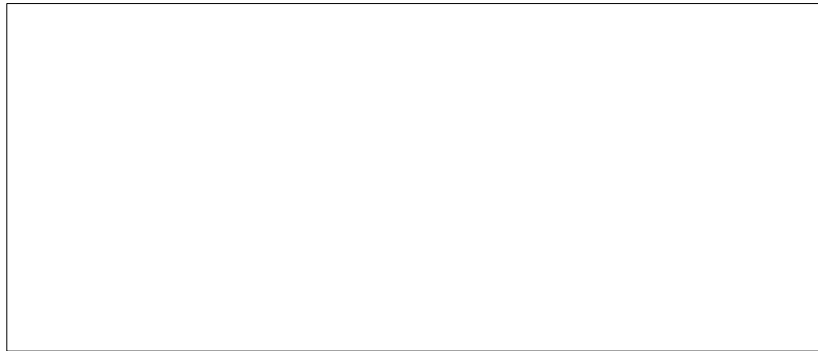
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# Heavy Duty Single Boom 8"\*10'



## - BM-8010 SPECIFICATIONS-

- Diameter:** 8"
- Length:** 10'
- Weight:** 275.6 lbs (net)
- Boom Construction:** Two galvanized steel tubes, three pieces of flex hose at joints.
- Dual Outlet:** Ø8" x 36.1", 14 gauge steel
- Rotating-End Bronze brake plate 1:** (2) ? 2.56", 7 gauge steel
- Rotating shaft 1:** Ø1.58" x 10.39", Medium carbon steel
- Self-lubricating bushing:** (2) ? 1.73" x 1.97"
- Square tube:** L:117.79" x W:2.95" x H:5.9", 12 gauge steel
- Galvanized steel tube:** (2) Ø7.88" x 36", 14 gauge steel
- Steel Rod:** Ø0.04", Medium carbon steel
- Turnbuckle:** 5/8"
- Eyebolt:** (2) M16 x 50L
- Rod-End Bearing:** (2) PHS-16
- Fume Arm Bracket Set:** 132.2" x 13.2" x 20.4", 12 gauge steel
- Boom Adjustment:** Externally supported, adjustments are quickly done at the joints.
- Finish:** Powder coated.
- Hose:** Rated at 200°F
- Warranty:** Limited two years from date of purchase.

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	Date	Name	Part Number:	Title:
Drawn by:	2010-04-14	***	2009.07.14	BM-8010 (single)
Checked by:				
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Size	Scale	Drawing Number:
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# Hanging Arm 8"\*14'

**Diameter:** 8"

**Length:** 14'

**Weight:** 79.4 lbs (net)

**Arm Construction:** Two galvanized steel tubes, three pieces of flex hose at joints, aluminum hood, heavy gauge steel swivel base, and support spring.

**Arm Adjustment:** Externally supported, adjustments are quickly done at the joints.

**Hood:** 14" diameter round aluminum hood.

**Damper:** Internal with external adjustment.

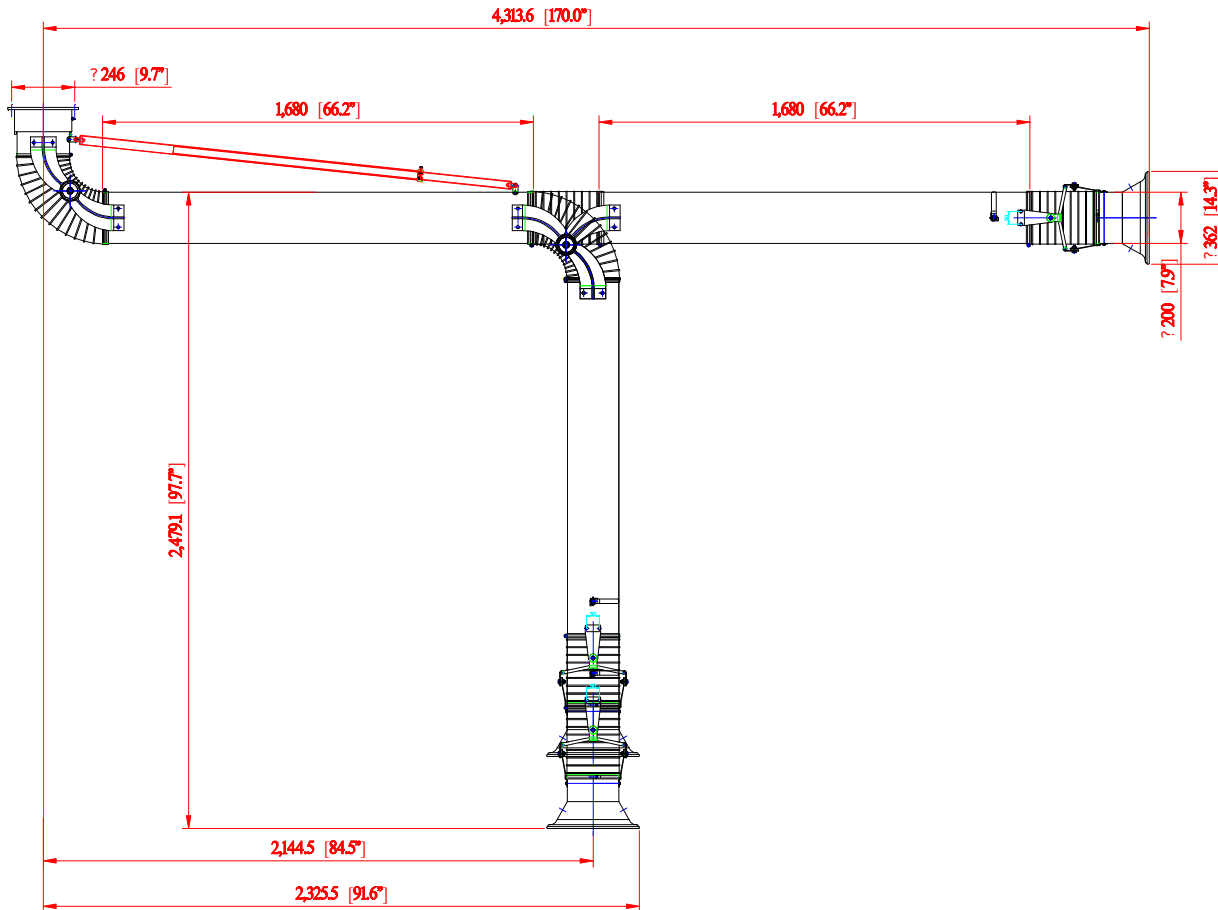
**Finish:** Powder coated.

**Hose:** Rated at 160°F

**Accessories:** Mounting bracket and light kit.

**Mounting Bracket:**

**Warranty:** Limited two years from date of purchase.



Packing Size:	246.6 x 40 x 75.5 cm 97 x 15.7 x 29.7 inch
N.W. / G.W.:	36 / 45 kgs 79.4 / 99.2 lbs

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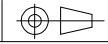
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Drawn by:	2010-01-29	***	**	Arm 2040
Checked by:				

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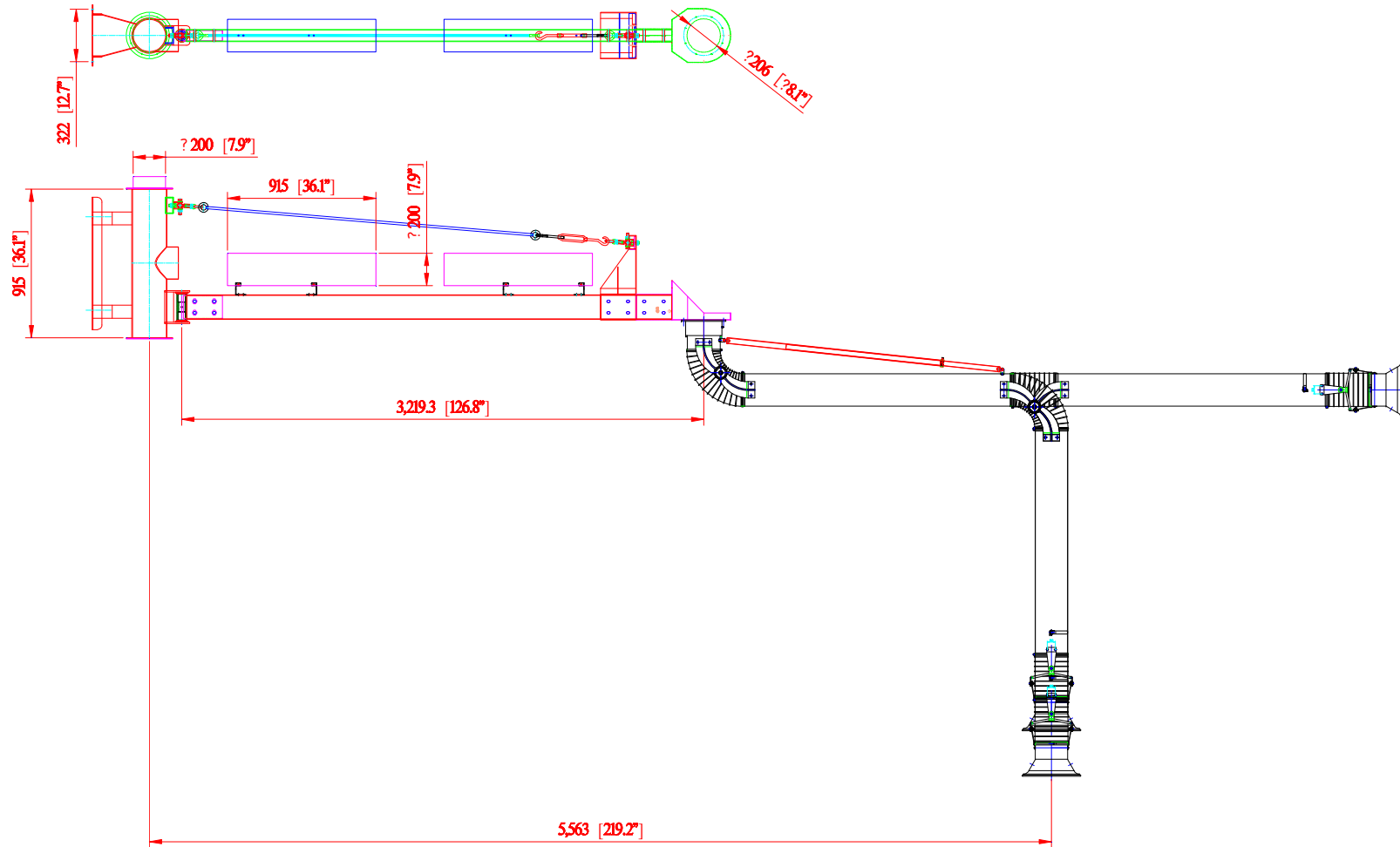
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	Date	Name	Part Number:
Drawn by:	2010-04-14	***	2009.07.14
Checked by:			

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Title:  
**BM-8010 (single) w/ Arm 2040**

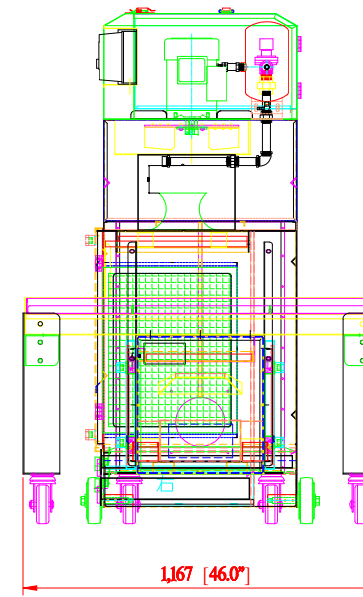
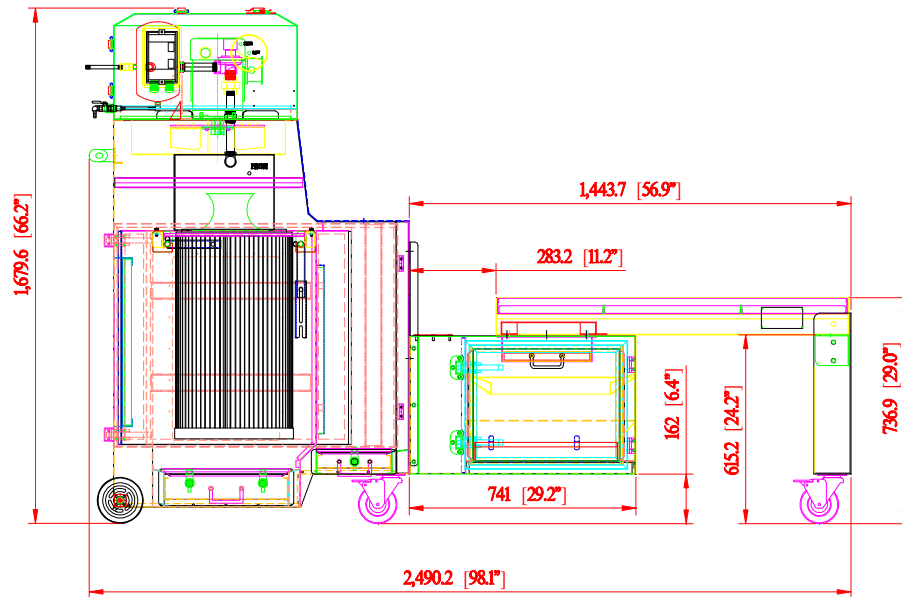
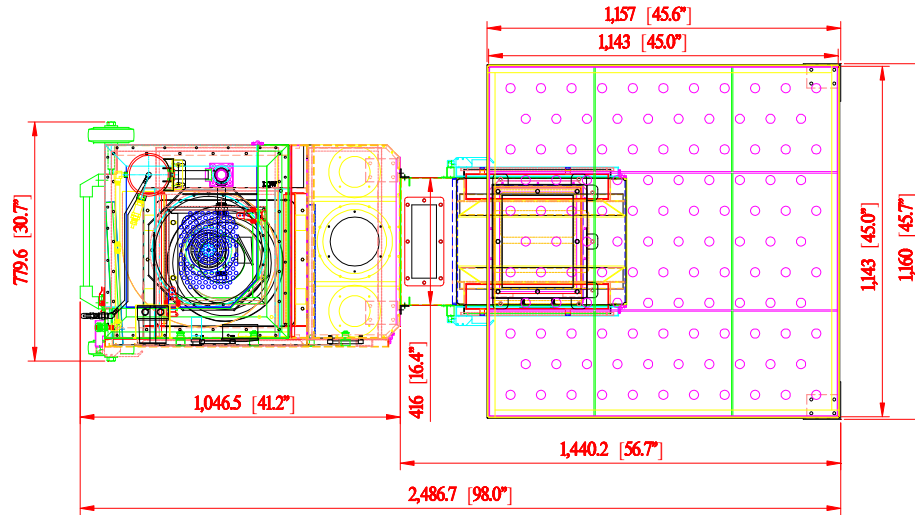
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	Date	Name	Part Number:	Title:
Drawn by:	2015-04-13	***	REVISION A	PS-150+RM-150E+DP66-C
Checked by:				
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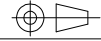
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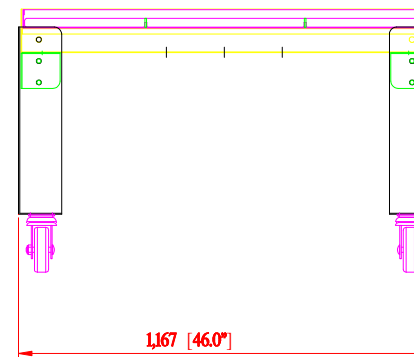
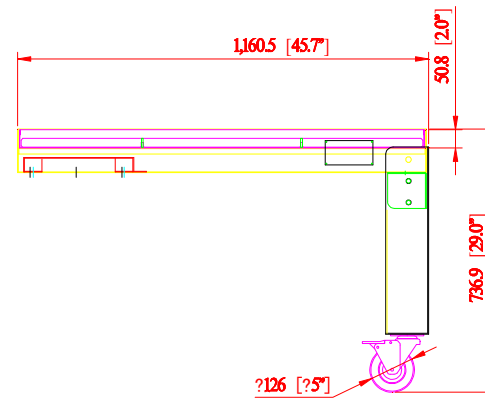
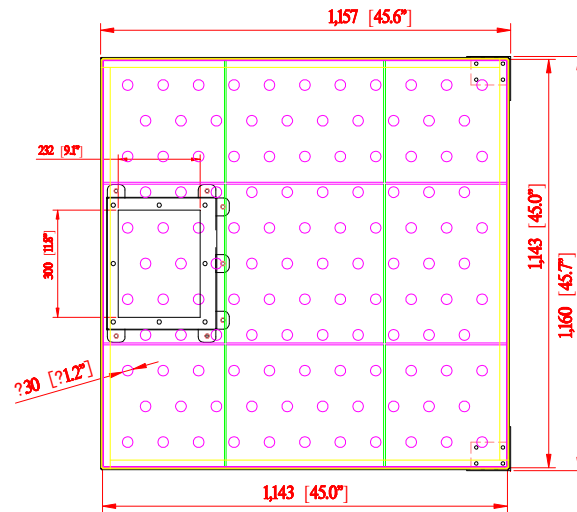
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	Date	Name
Drawn by:	2015-04-13	***
Checked by:		

Part Number:  
**REVISION A**

Title:  
**DP66-C**

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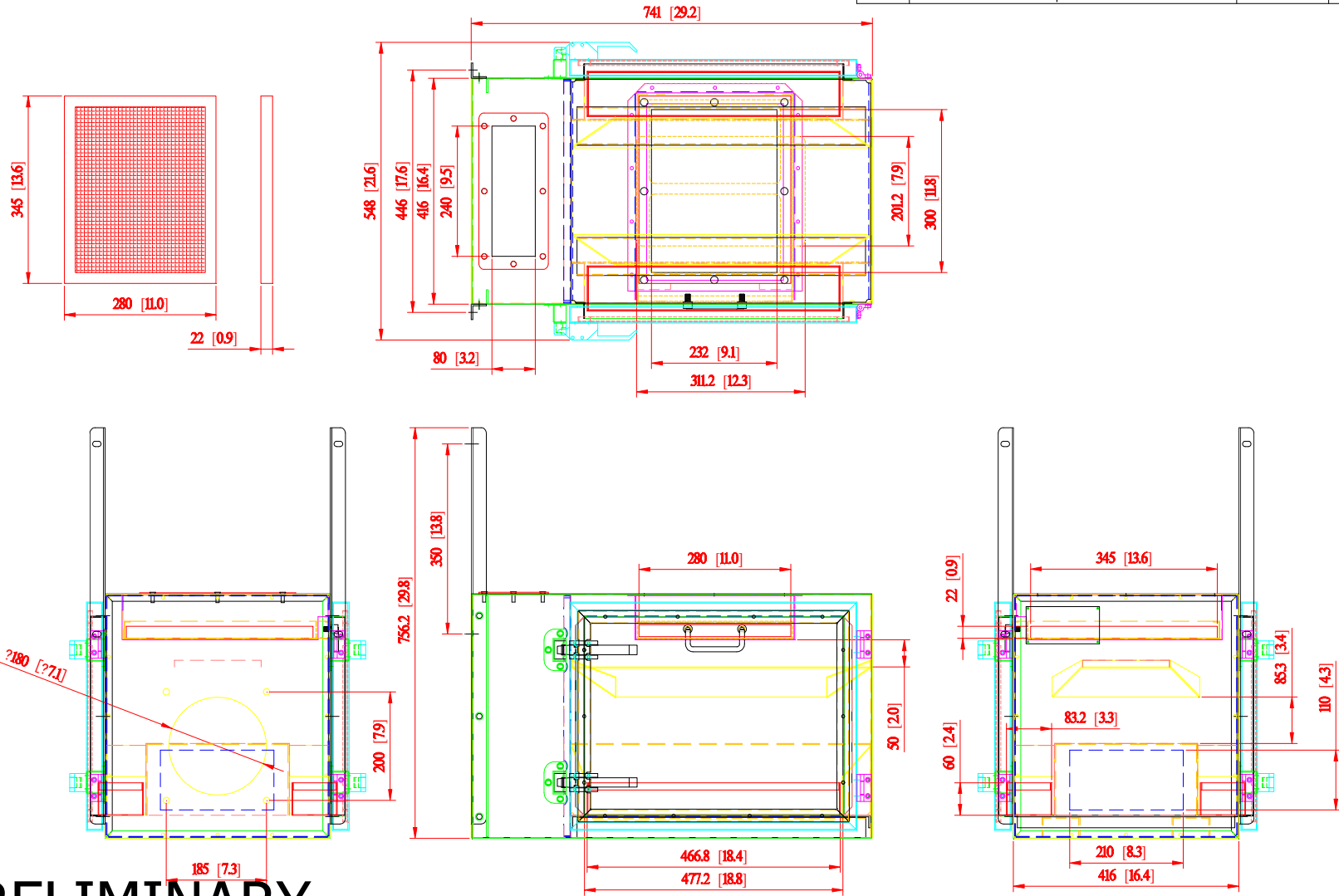
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Drawn by:	Date	Name	Part Number: <b>REVISION A</b>	Title: <b>RM-150E-C</b>
2015-04-13	***	***		
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Size <b>A</b>	Scale 1 = 10	Drawing Number: *** 10
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**BID SPECIFICATION SHEET: WB-1000 (5' X 5') WELDING BOOTH**

Each 5' x 5' welding booth comes with fully welded steel side walls, back wall and an integrated fume arm bracket.

The front of the welding booth is open for a welding curtain.

The booth will have a rear-working table with a 2" diameter opening for fixtures.

The booth shall be structurally and engineered to support overhead ducting (from 8" - 48") without having to suspend the ducting from overhead.

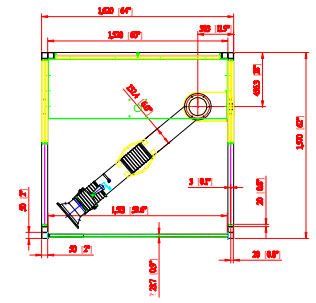
This eliminates any stress on the overhead supports and increases lighting and visibility.

**WB-1055(5' x 5') BOOTH SPECIFICATIONS**

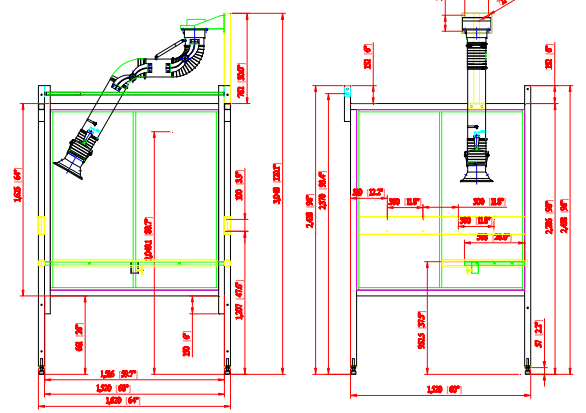
- Dimensions: 60" x 60" x 8.5"
- Support Structure: 2" x 2" Welded Square Stock
- Panel Construction: 12-gauge welded steel wall with 1" welded square stock cross and bracing.
- Welding Curtain Supports: (2) welding curtain brackets
- Welding Curtain Bar
- Fume Arm Bracket: Adjustable and can be mounted on the right or left side.
- Adjustable Feet: Adjustable feet for levelling (2" - 5")
- Powder Coated: Avani Safety Blue Standard (custom colors available)
- Rear Shelf (18" x 59" solid with built in 2" fixture holder)
- Booths can be mounted back-to-back, side-to-side or both options (holes predrilled)
- Three Piece Configuration: (1) Back panel, (2) Side Panels.
- Welded Nuts: Optional locations for J-Hooks

**WB-1000 OPTIONS**

- Fume Arm
- 110V electrical outlet
- Explosion proof lighting
- J-Hooks
- Welder Shelves
- Air/Gas lines
- Back draft slotted hood
- Fixtures
- Oversized fume arm hood



Arm 1620 dia. 6" x 7" hanging arm



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Checked by:	2015-04-14	***	REVISION A	Booth WB-1055-C
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Size:	Scale:	Drawing Number:
A	1 = 25	WB-5x5S-C

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# Hanging Arm 6"\*7'

**Diameter:** 6"

**Length:** 7'

**Weight:** 37.7 lbs (net)

**Arm Construction:** Two galvanized steel tubes, three pieces of flex hose at joints, aluminum hood, heavy gauge steel swivel base, and support spring.

**Arm Adjustment:** Externally supported, adjustments are quickly done at the joints.

**Hood:** 13" diameter round aluminum hood.

**Damper:** Internal with external adjustment.

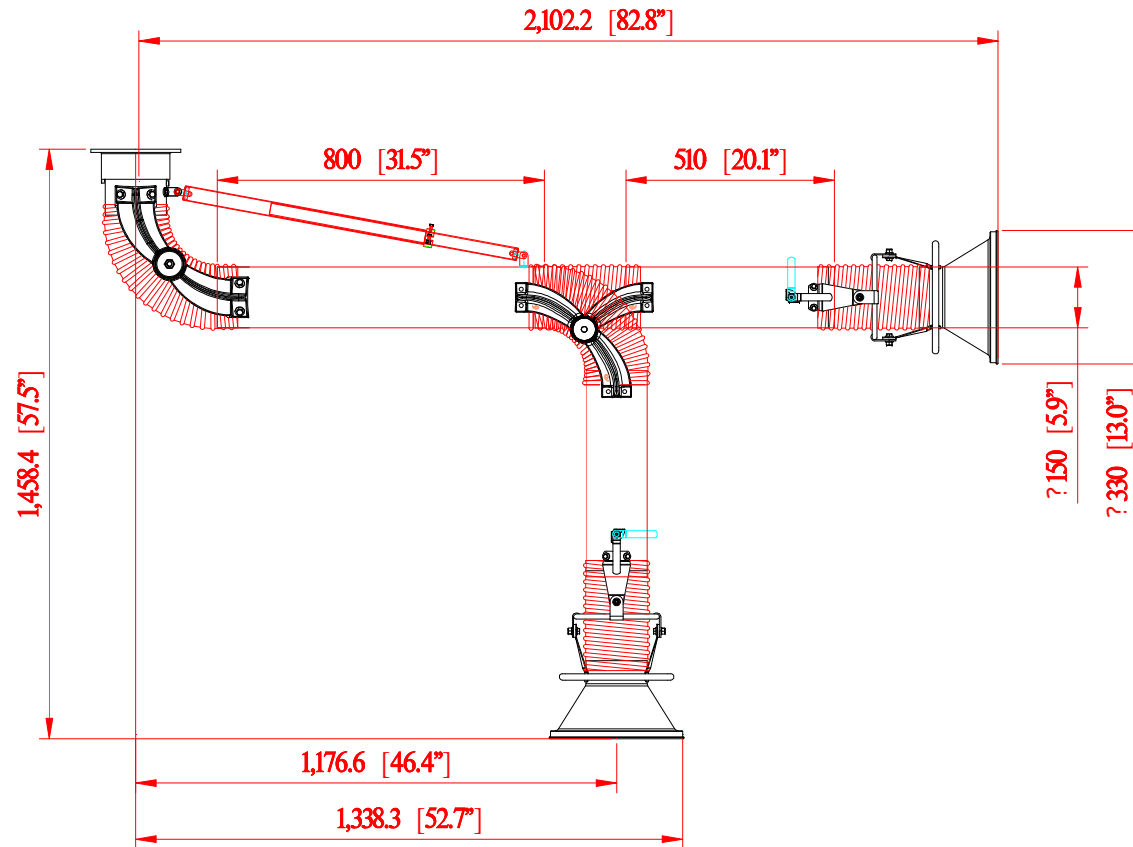
**Finish:** Powder coated.

**Hose:** Rated at 160°F

**Accessories:** Mounting bracket and light kit.

**Mounting Bracket:**

**Warranty:** Limited two years from date of purchase.



Packing Size:	161 x 38.5 x 69.5 cm 63.4 x 15.2 x 27.4 inch
N.W. / G.W.:	17.1 / 20.6 kgs 37.7 / 45.4 lbs

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	Date	Name	Part Number:	Title:
Drawn by:	2009-12-18	***	**	Arm 1620
Checked by:				

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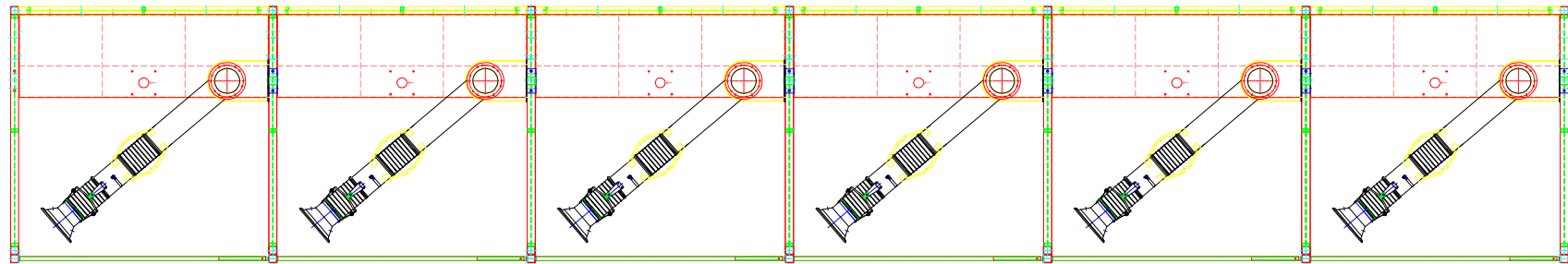
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	Checked by:			Size <b>A</b>	Scale 1 = 15

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