



Date: April 14, 2015

Project:

To: Veron

Attn:

Recommended Equipment:

- (6) Backdraft hoods: 4" x 40" x 4"
- (3) Hanging Fume Arms: 2040 (8" x 14')
- (1) Fan: DBN200 w/ 7500 CFM
- (1) Heavy Duty Single Boom: 8010 (8" x 10')
- (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')

Avani Environmental Intl. Inc.
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www.avanienvironmental.com

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Email: info@avanienvironmental.com
www.weldingbooths.com

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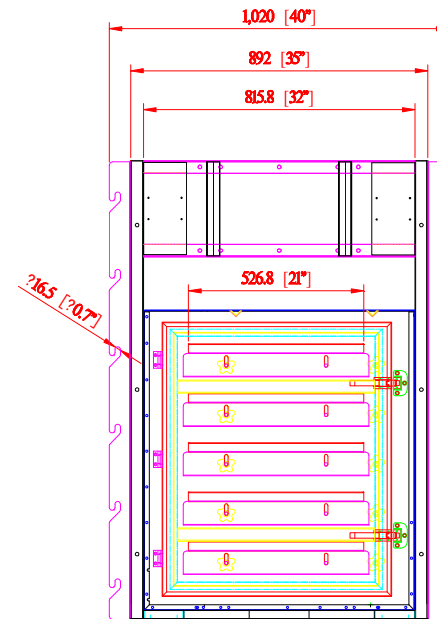
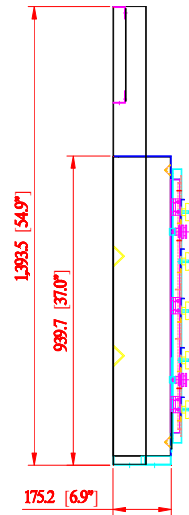
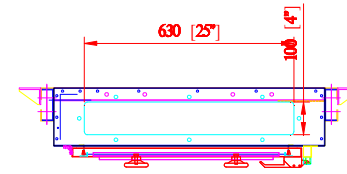
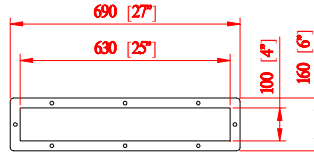
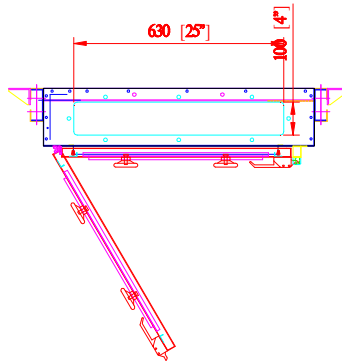
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Revisions

Rev	Description	Date	Approved
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	Date	Name	Part Number:
Drawn by:	2015-04-14	***	REVISION A
Checked by:			

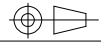
Title: Backdraft Hood: 4" x 40"-C

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Size	Scale	Drawing Number:
A	1 = 15	2 Backdraft Hood: 4" x 40"-C

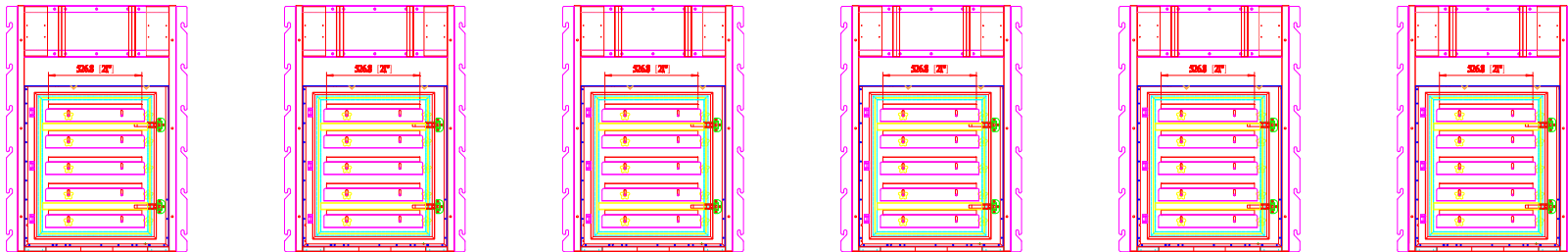
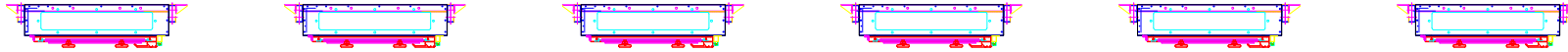
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Title:
Backdraft Hood: 4" x 40"-C layout

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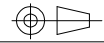
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A

Scale
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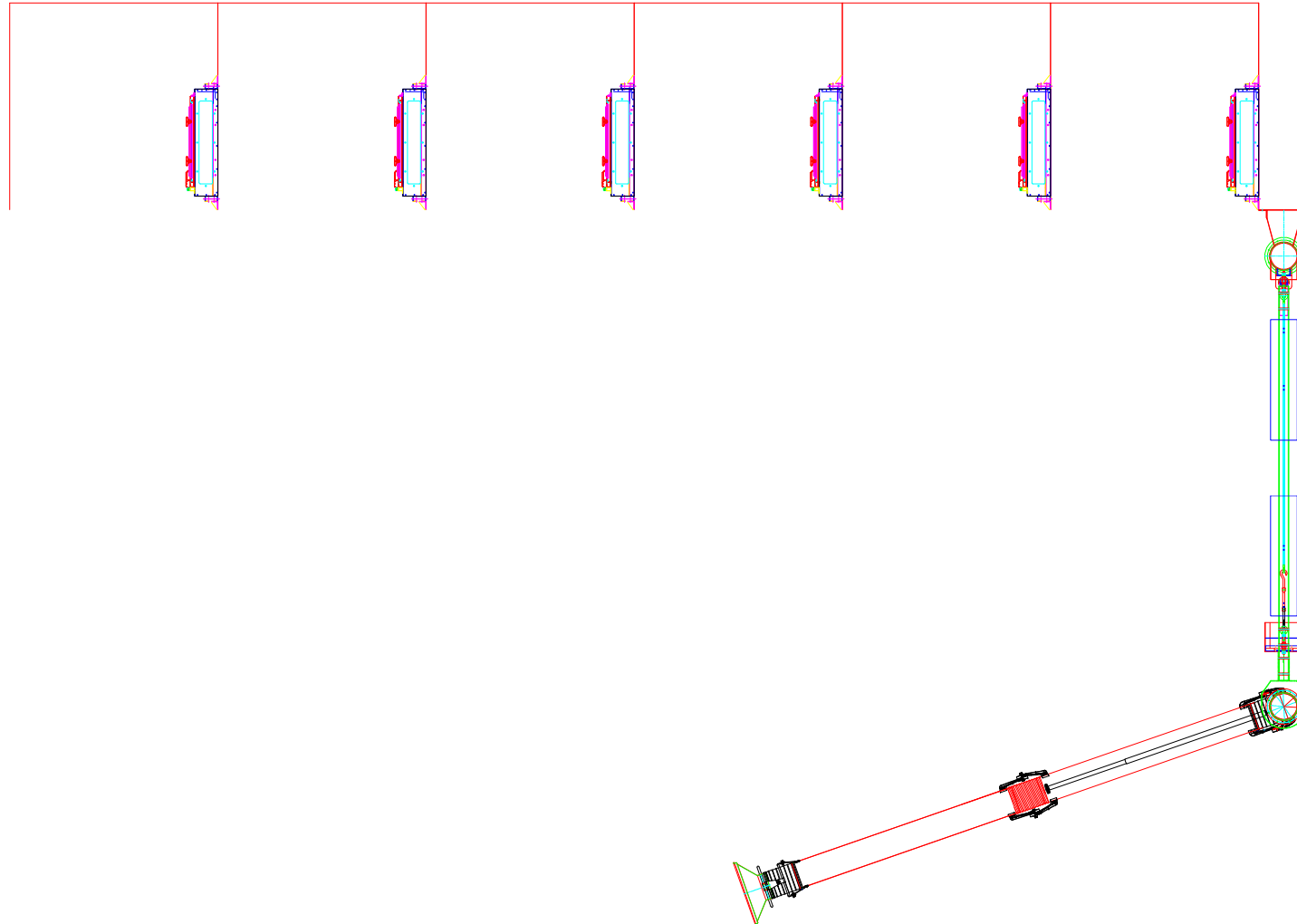
Drawing Number:
3
Backdraft Hood: 4" x 40"-C

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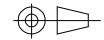
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Title: Backdraft Hood: 4" x 40"-C layout		
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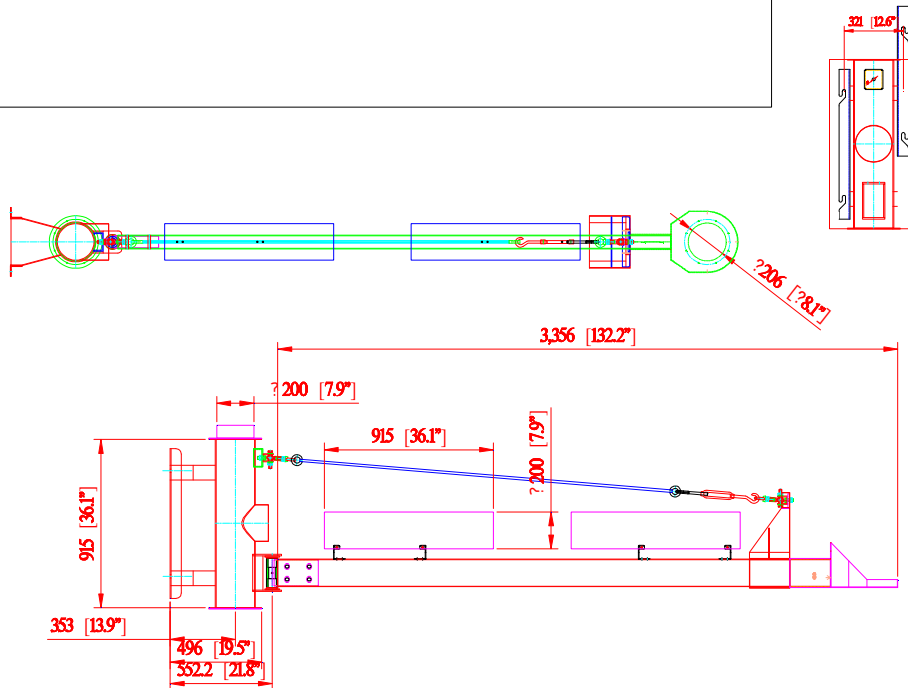
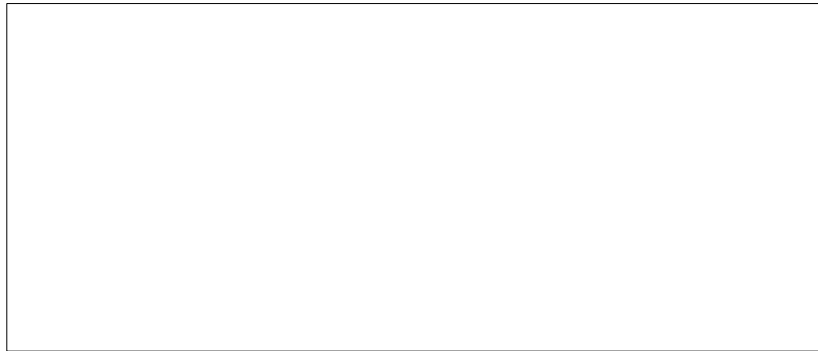
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Heavy Duty Single Boom 8"*10'



- 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)
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Size	Scale	Drawing Number:
A	1 = xx	BS-2010-01A

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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.

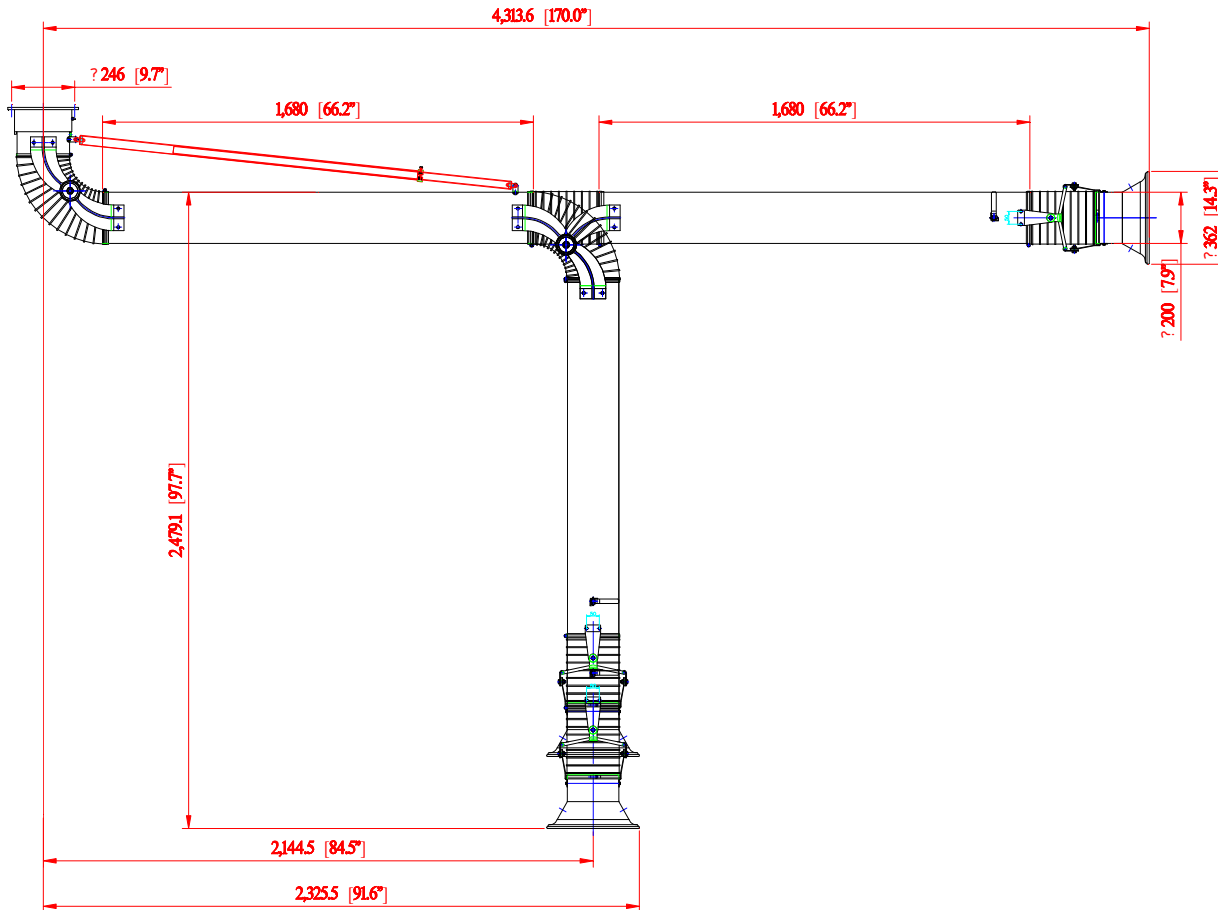
Finish: Powder coated.

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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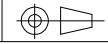
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	Date	Name	Part Number:	Title:
Drawn by:	2010-01-29	***	**	Arm 2040
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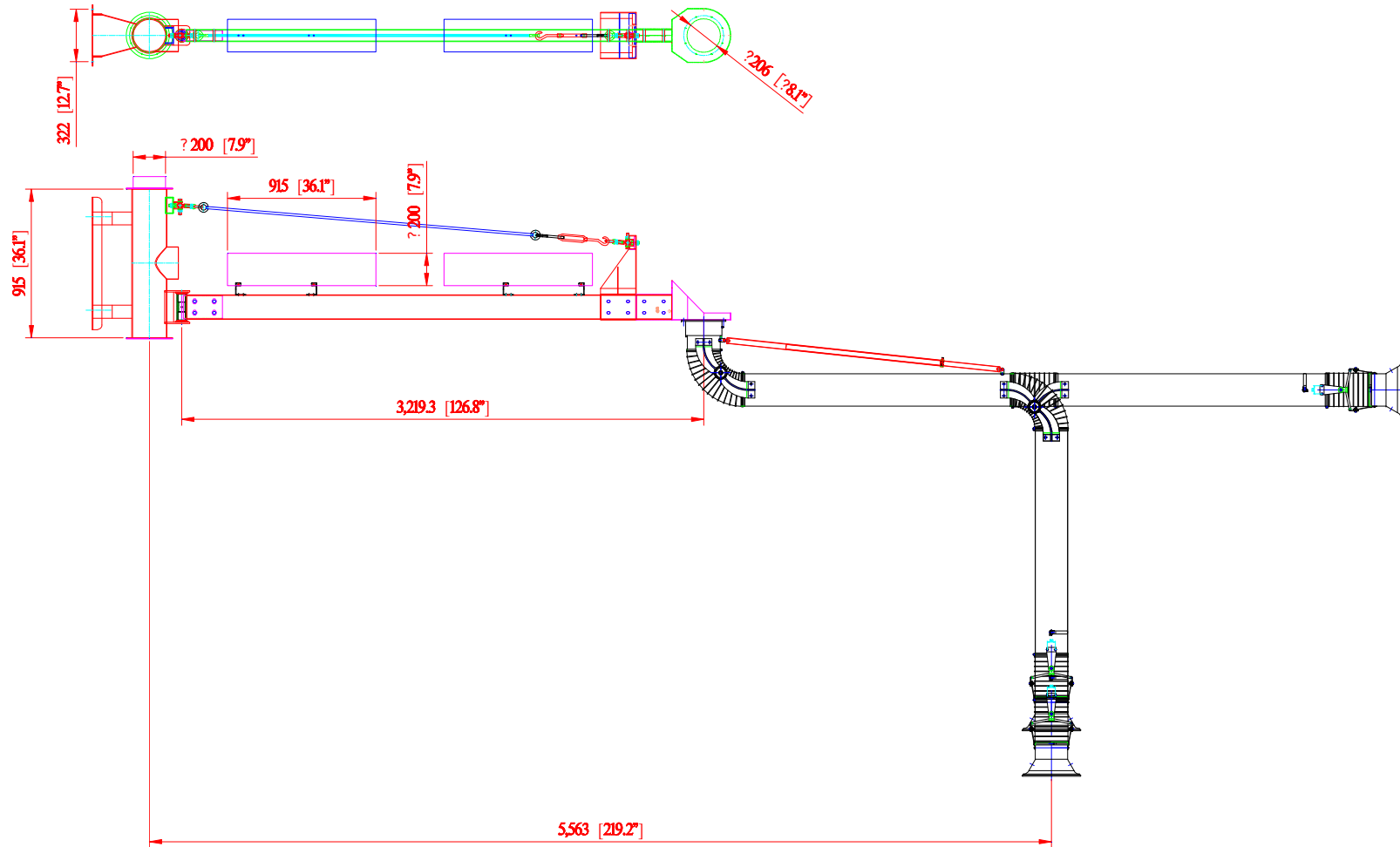
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Drawn by:	2010-04-14	***	2009.07.14
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Title:
BM-8010 (single) w/ Arm 2040

Size
A

Scale
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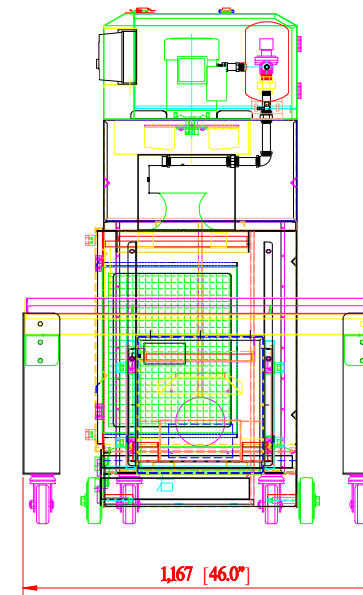
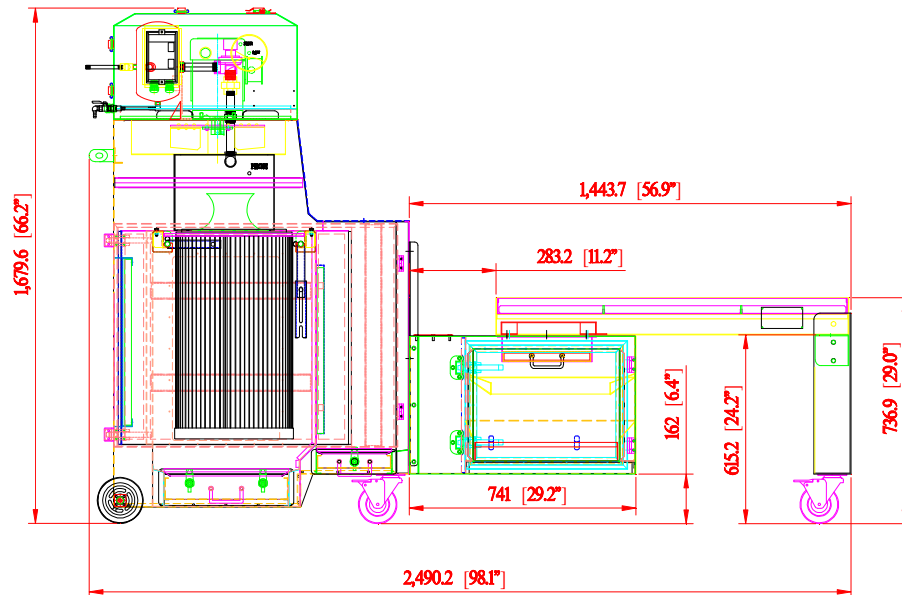
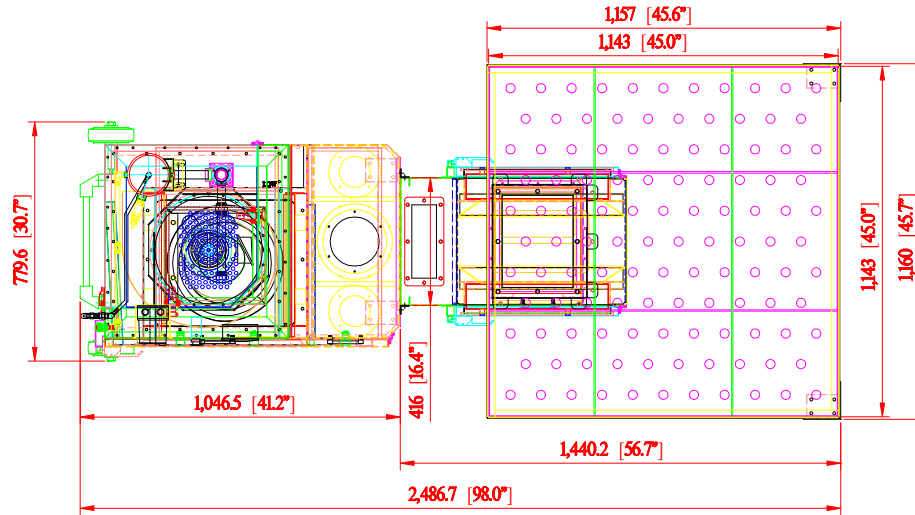
Drawing Number:
BS-2010-01A

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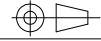
	Date	Name	Part Number:	Title:
Drawn by:	2015-04-13	***	REVISION A	PS-150+RM-150E+DP66-C
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Size **A** Scale 1 = 22

Drawing Number: ***

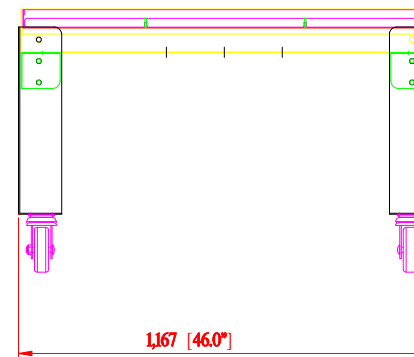
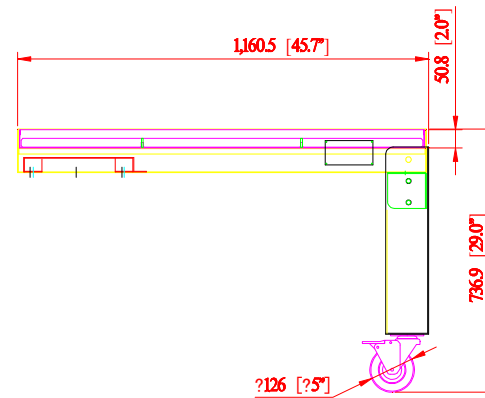
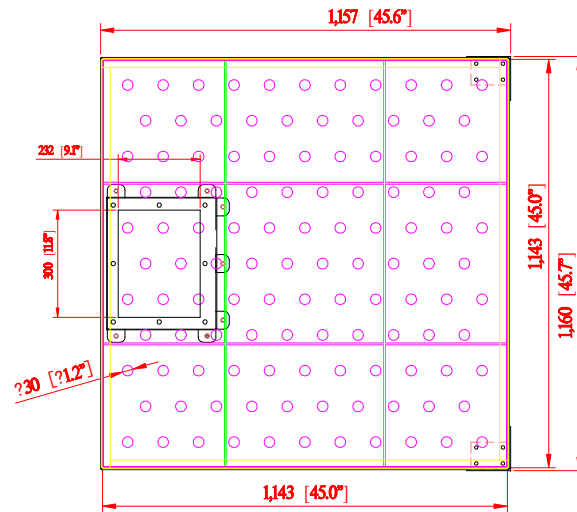
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	Date	Name
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Part Number:
REVISION A

Title:
DP66-C

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Size
A

Scale
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Drawing Number:
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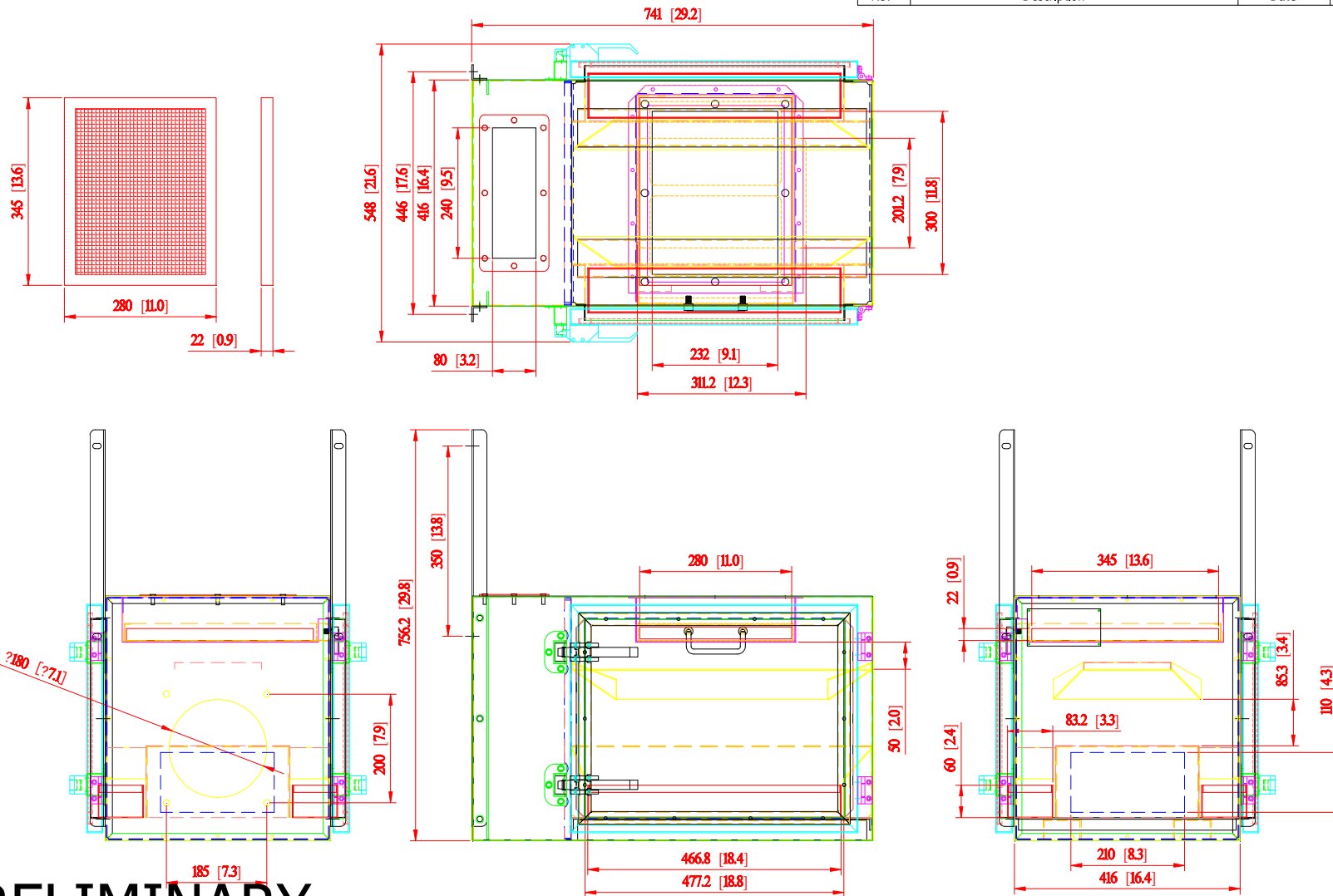
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Date	Name	Part Number:	Title:
2015-04-13	***	REVISION A	RM-150E-C
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Size **A**
 Scale 1 = 10

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.

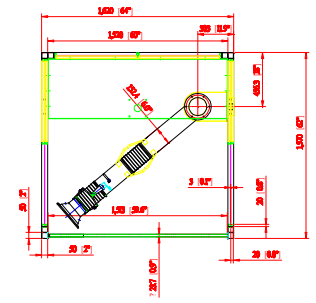
This eliminates any stress on the overhead supports and increases lighting and visibility.

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

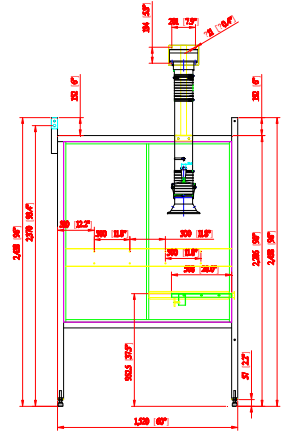
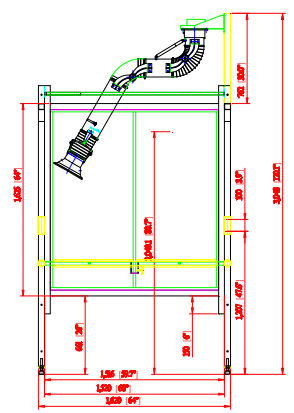
- Dimensions: 60" x 60" x 8.5"
- Support Structure: 2" x 2" Welded Square Stock
- Panel Construction: 12-gauge welded steel wall with 1" welded square stock cross and bracing.
- Welding Curtain Supports: (2) welding curtain brackets
- Welding Curtain Bar
- Fume Arm Bracket: Adjustable and can be mounted 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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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.

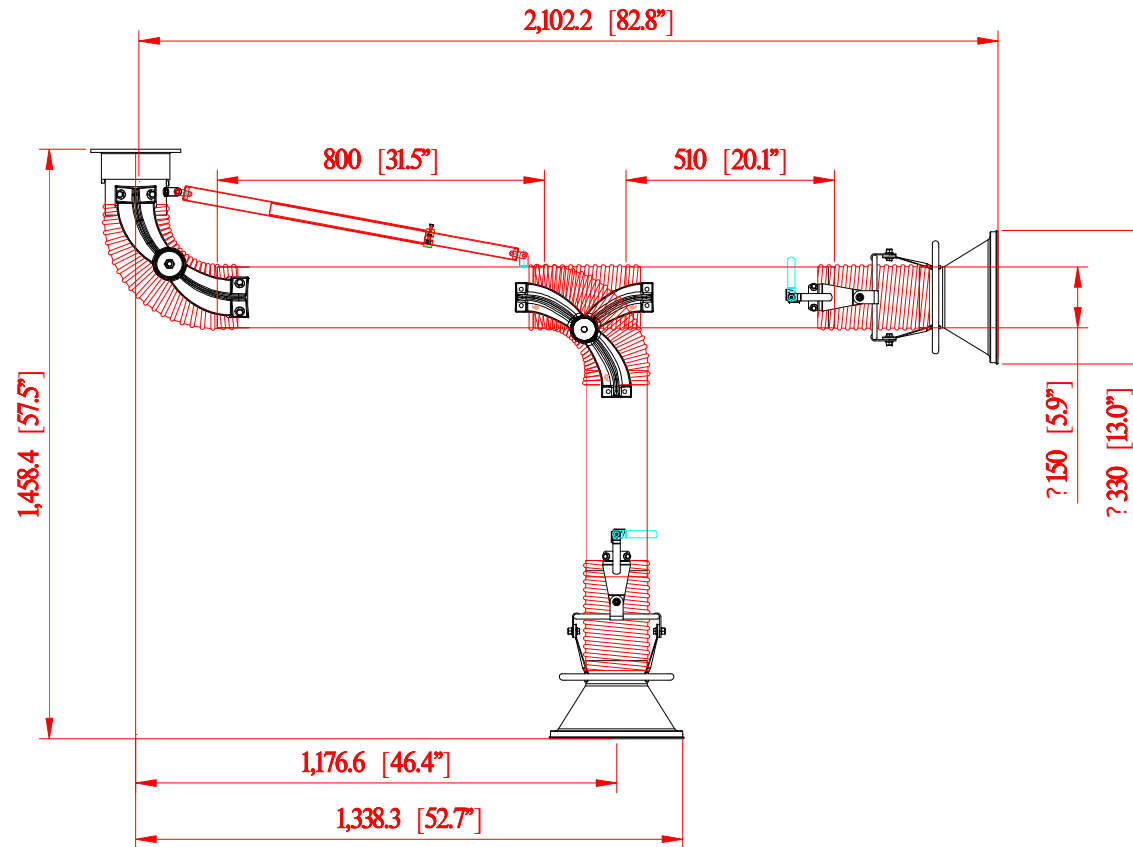
Finish: Powder coated.

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
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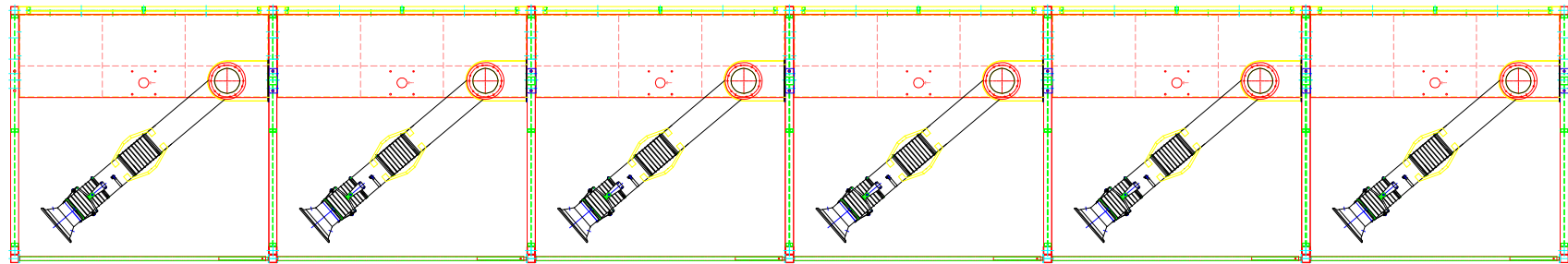
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Title:	
Welding booths: WB-1055-C layout	
Size	Scale
A	1 = 15
Drawing Number:	
Welding booths: WB-1055-C layout	13









