



**Date:** February 24, 2015

**Project:**

**To:** McCown Gordon Construction

**Attn:**

**Recommended Equipment:**

- (5) WB-5087 welding booth: 8' x 7'
- (1) WB-5810 welding booth: 8' x 10'
- (1) WB-5088G Grinding Booth with front door
  - 8' x 10' x 8'
  - Front door equipped with inlet louvers and windows

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**Avani Environmental Intl. Inc.**  
95 Cypress Drive  
Youngsville, NC 27596  
[www.avanienvironmental.com](http://www.avanienvironmental.com)

Phone: (919) 570-2862  
Fax: (919) 570-2863  
Email: [info@avanienvironmental.com](mailto:info@avanienvironmental.com)  
[www.weldingbooths.com](http://www.weldingbooths.com)

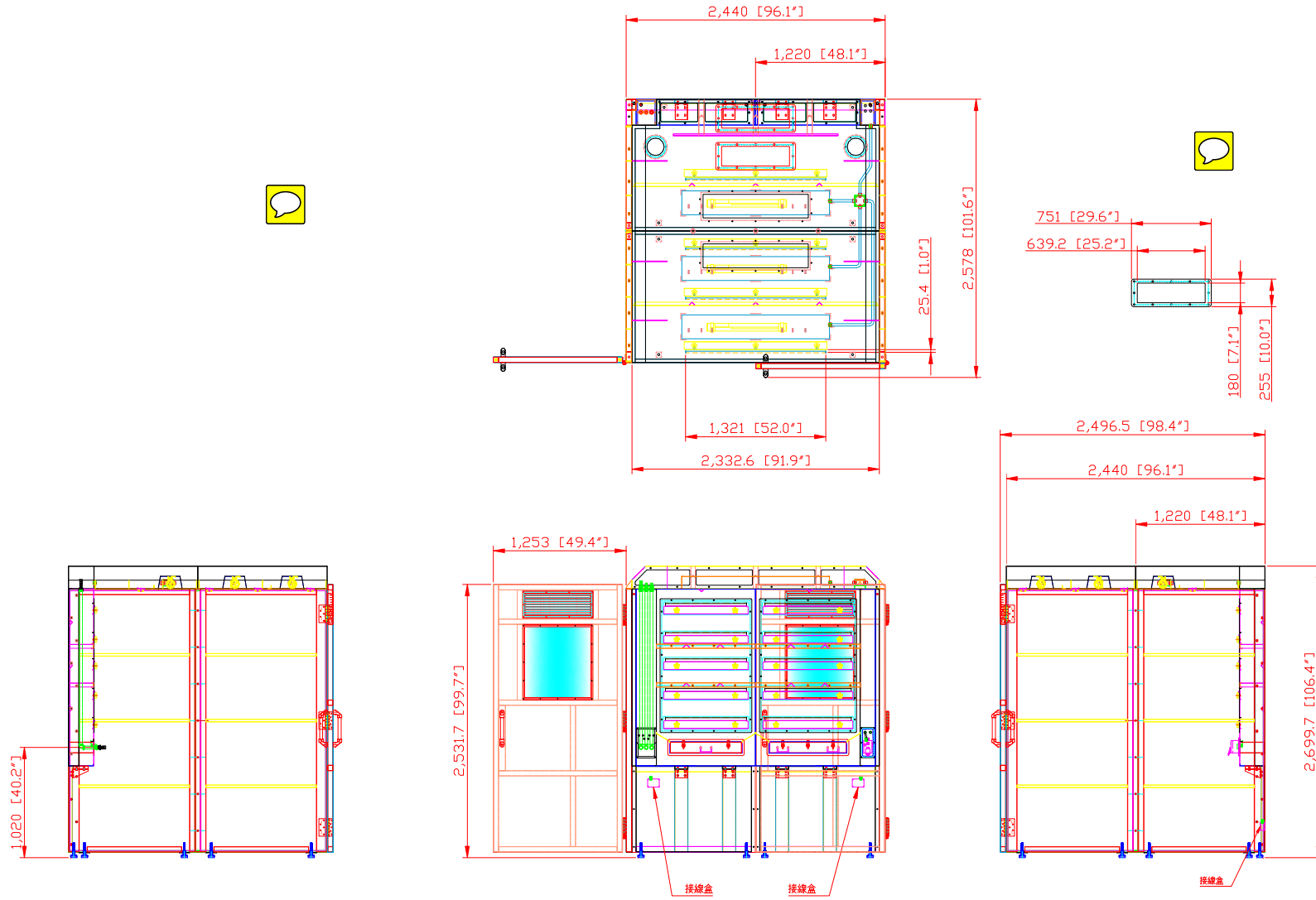
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 95 Cypress Drive  
 Youngsville, NC 27596  
 (919) 570-2862  
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Date	2015-02-24	Name	***	Part Number: <b>REVISION VI</b>
Drawn by:		Checked by:		
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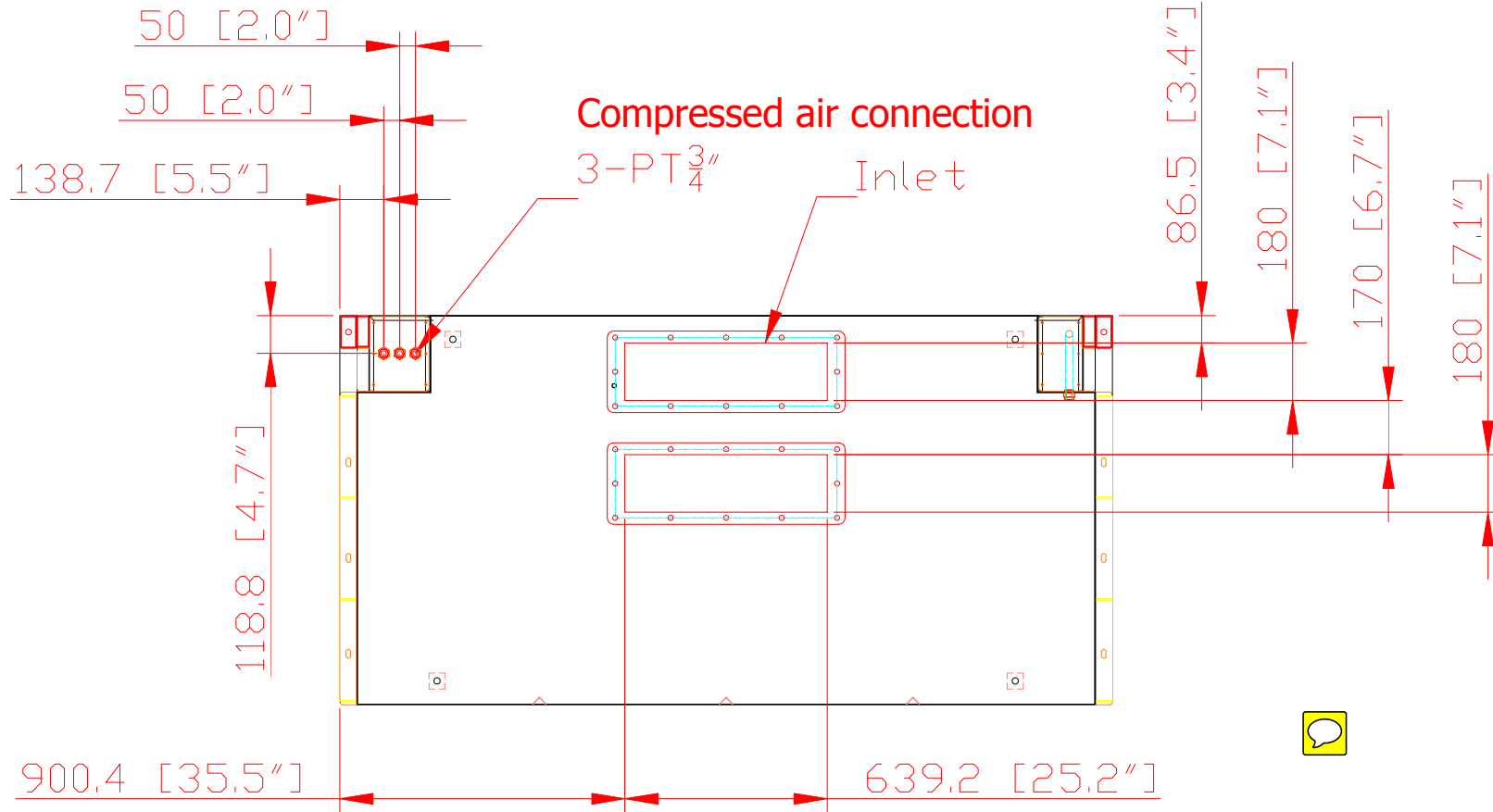
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<b>Close up on outlet/gas connect.</b>		
Size <b>B</b>	Scale 1 = 35	

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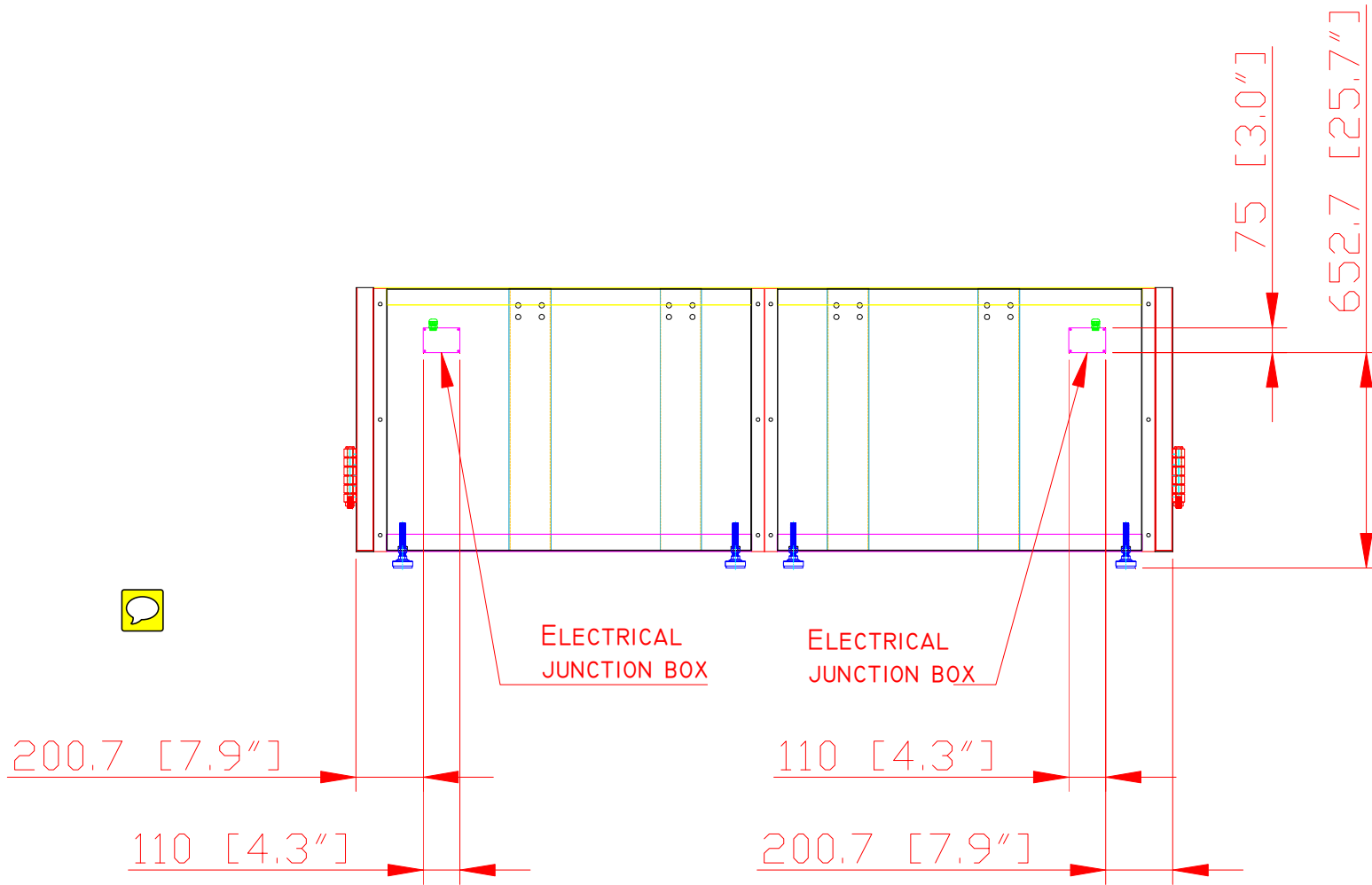
Title:		WB-5088G
Inlet and Compressed Air Connection position.		Drawing Number:
Size	Scale	WB-8-8-8G
B	1 = 35	REVISION B

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	Date	Name	Part Number:
Drawn by:	2015-02-24	***	Position I
Checked by:			

Title: **WB-5088G**  
 Electrical Junction Box position.

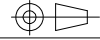
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Size **B**  
 Scale 1 = 35

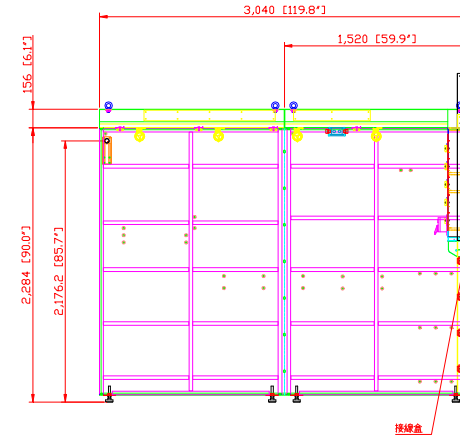
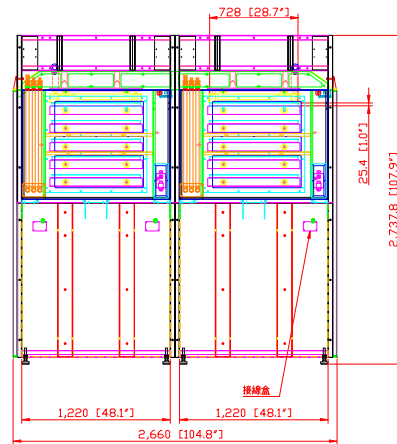
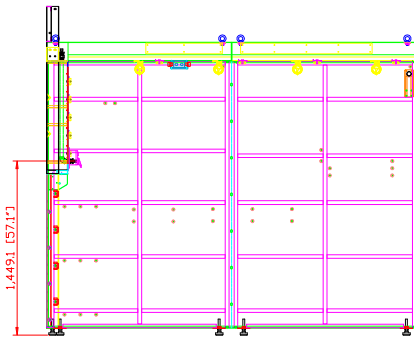
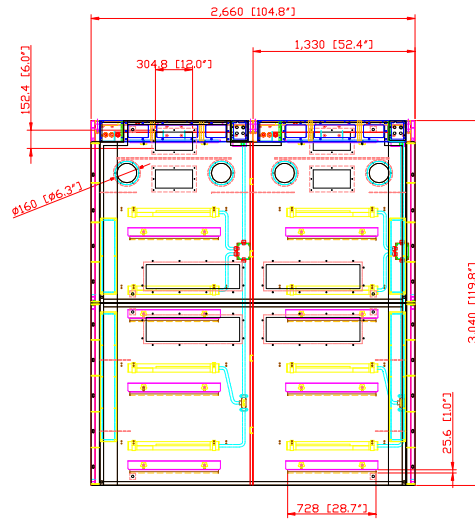
Drawing Number:  
**WB-8-8-8G**  
 REVISION B

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 (919) 570-2862  
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	Date	Name
Drawn by:	2015-02-24	***
Checked by:		

Part Number:  
**REVISION VI**

Title: **WB-5810**  
 Close up on junc. box/gas connect

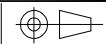
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Size **A** Scale 1 = 35

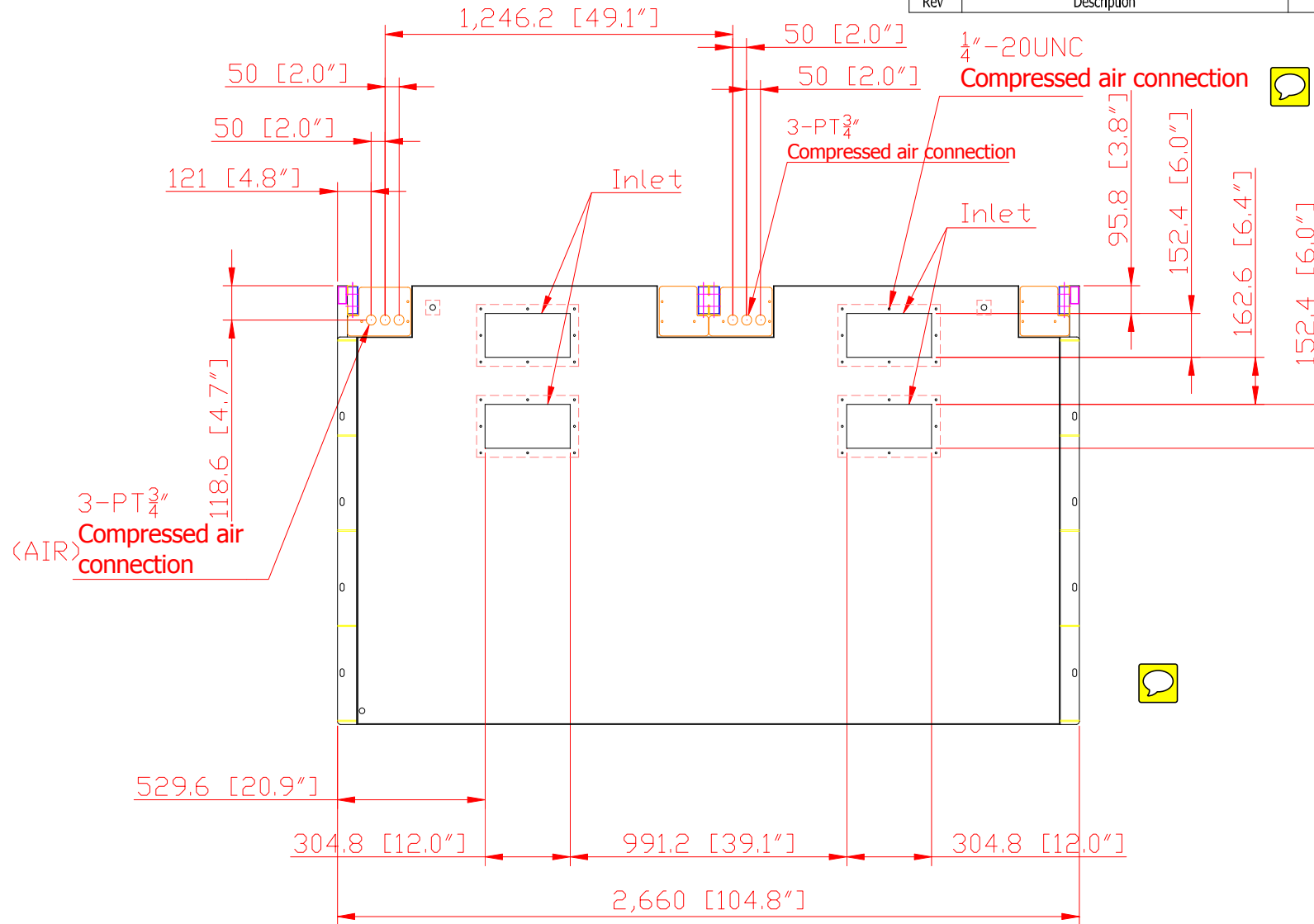
Drawing Number:  
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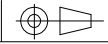
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Drawn by:	2015-02-24	***	Position I	WB-5810
Checked by:				Inlet and Compressed Air Connection position.
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Scale  
1 = 35

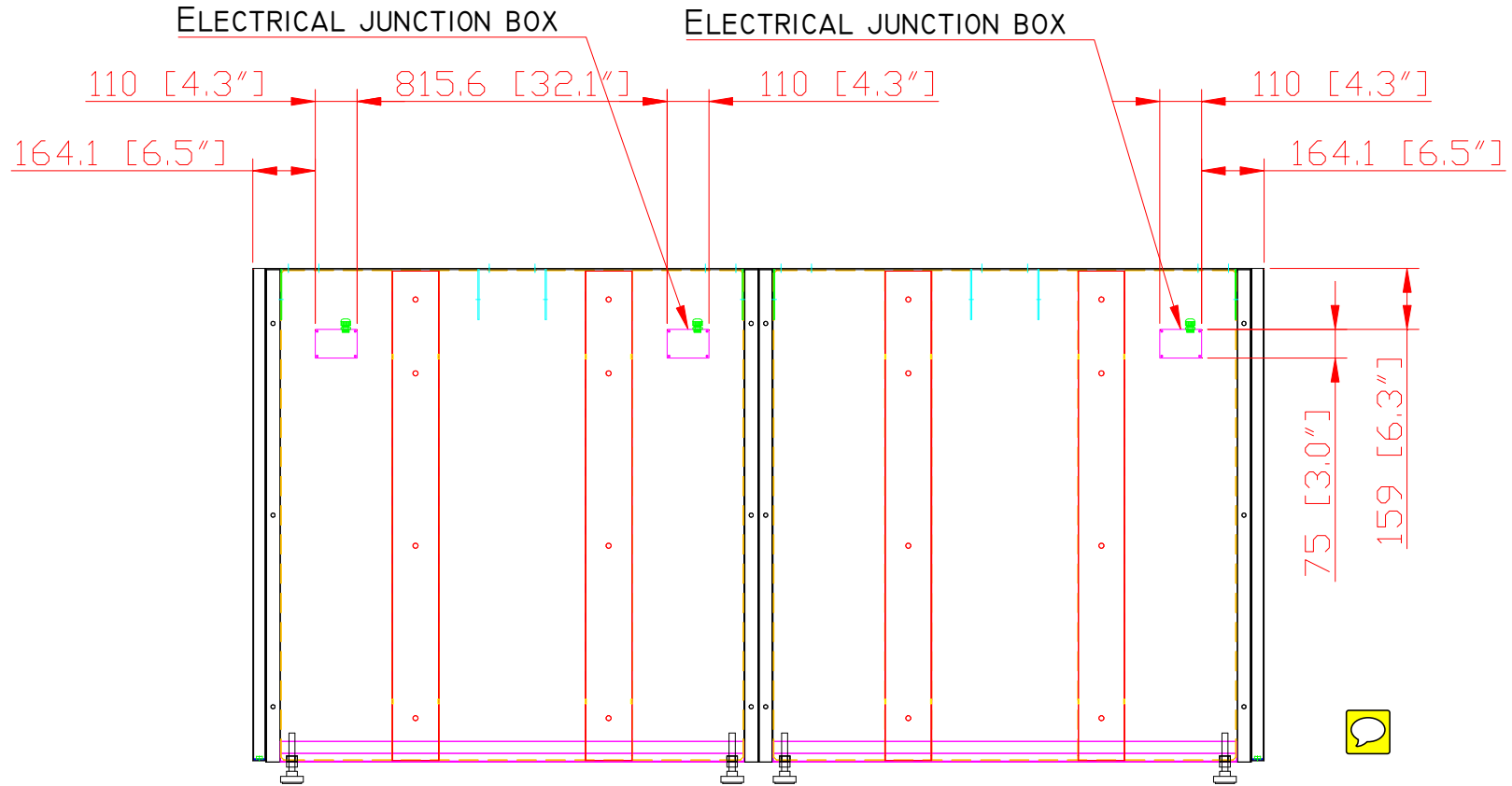
Drawing Number:  
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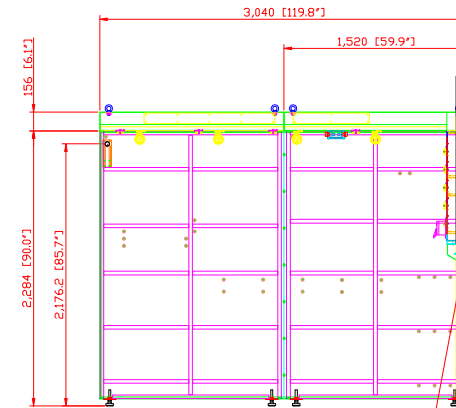
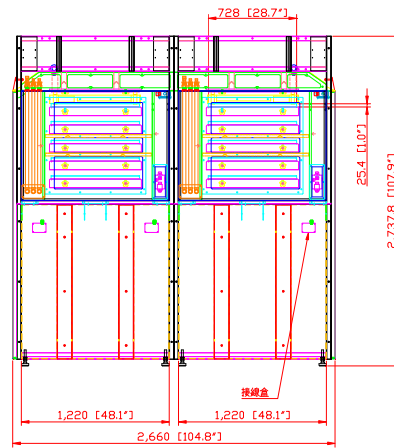
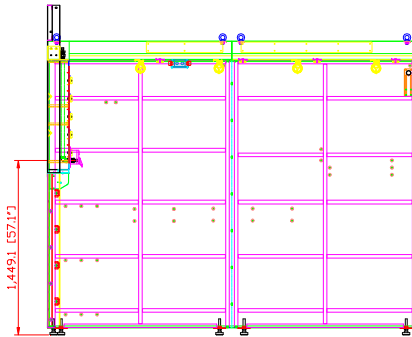
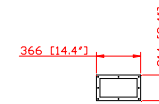
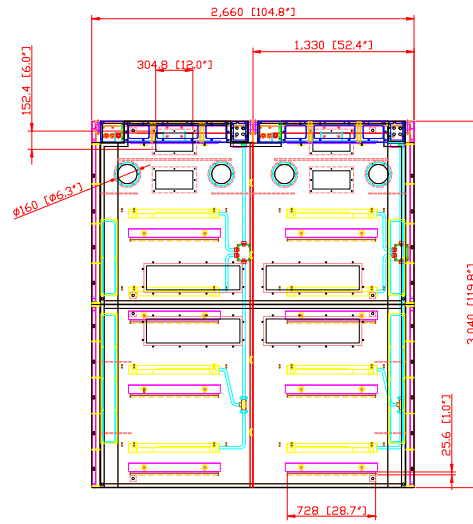
	Date	Name	Part Number:	Title: <b>WB-5810</b>	
Drawn by:	2015-02-24	***	<b>Position I</b>	Electrical Junction Box position.	
Checked by:				Size	Scale
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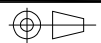
Drawn by:	Date	Name	Part Number: <b>REVISION VI</b>
Checked by:	2015-02-24	***	
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Title: <b>WB-5087</b>	
Close up on junc. box/gas connect	
Scale 1 = 35	Drawing Number: ***

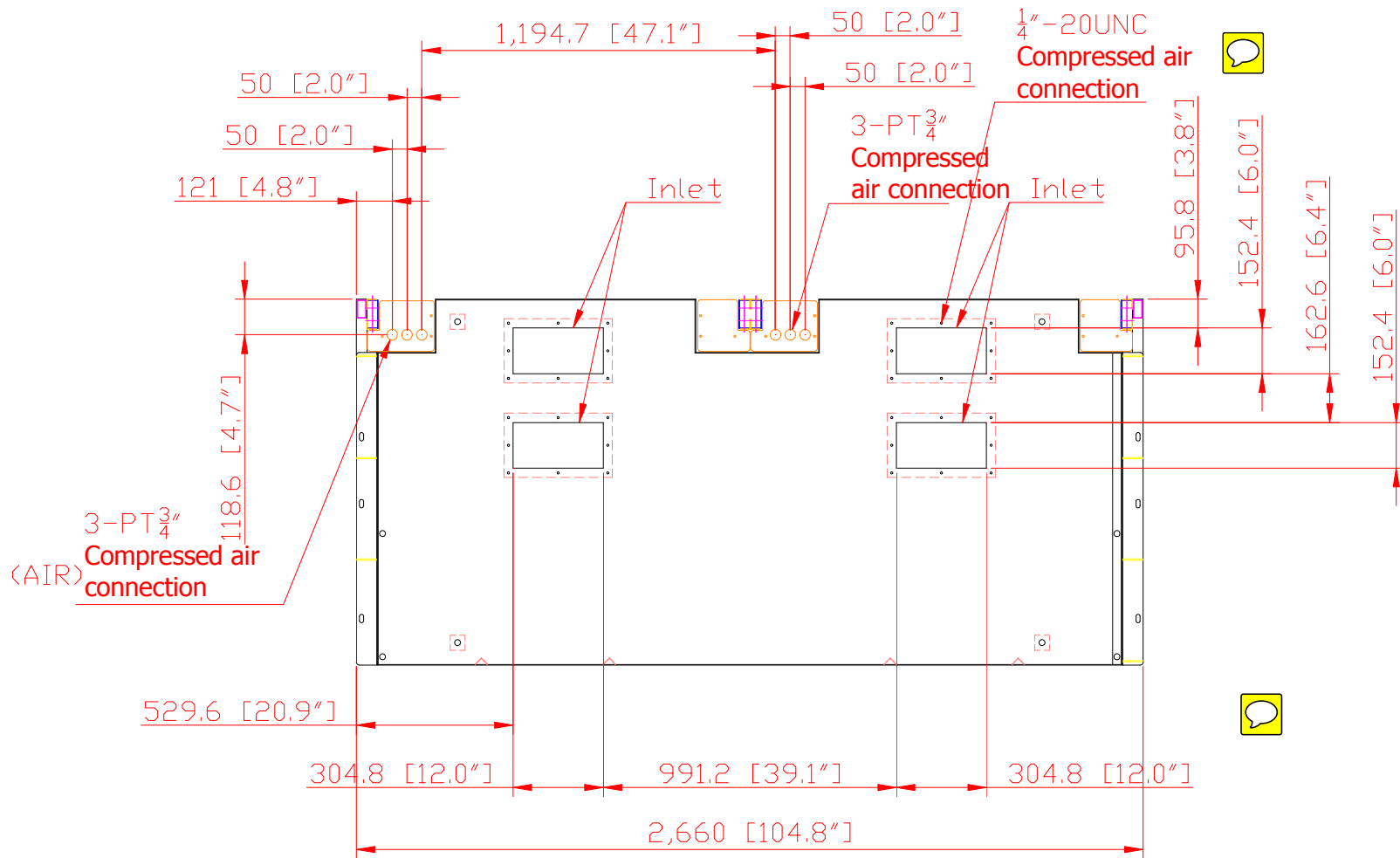


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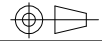
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Checked by:	2015-02-24	***	Position I
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Title:	WB-5087	
Inlet and Compressed Air Connection position.		
Size	Scale	Drawing Number:
B	1 = 35	REVISION B

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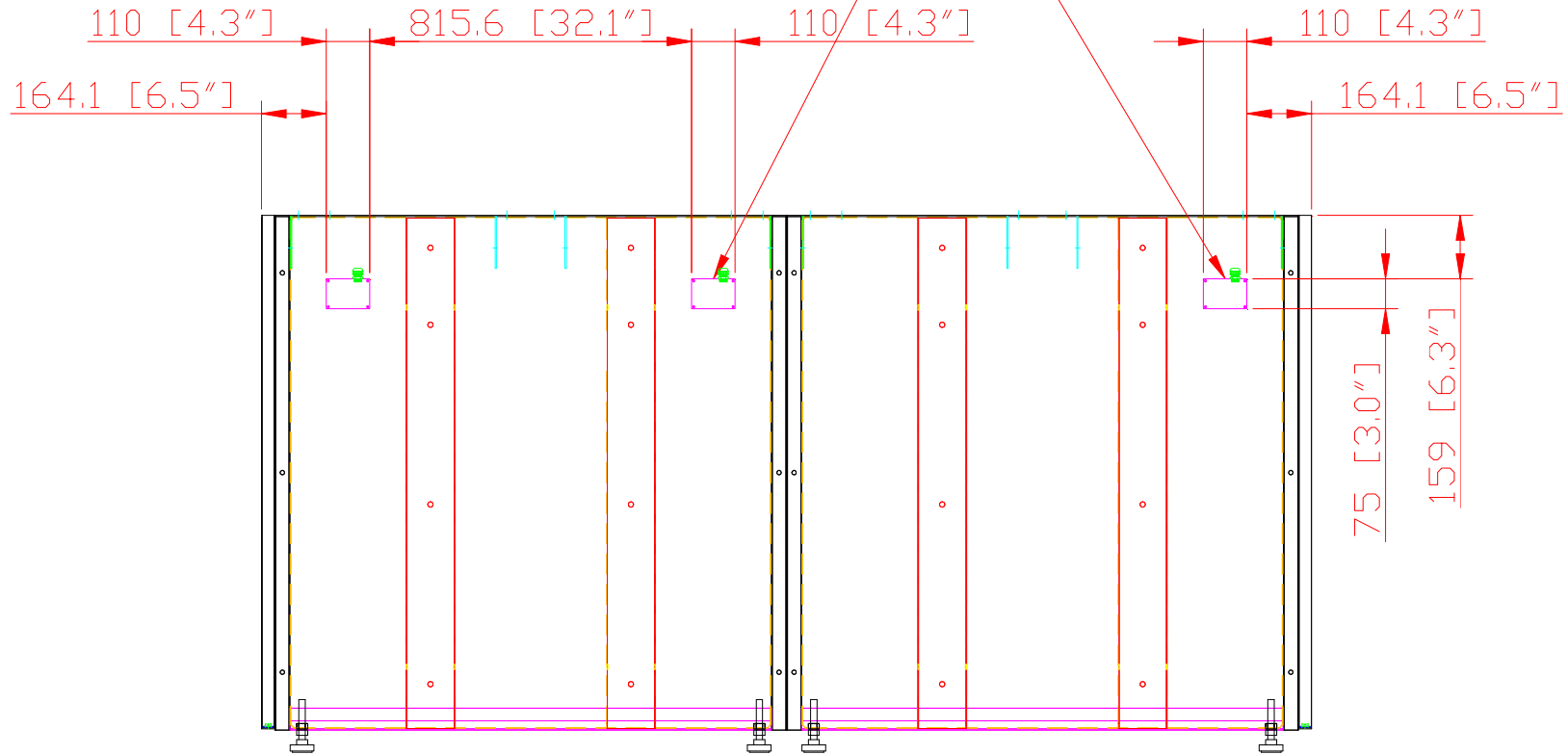


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ELECTRICAL JUNCTION BOX

ELECTRICAL JUNCTION BOX



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 95 Cypress Drive  
 Youngsville, NC 27596  
 (919) 570-2862  
 info@avanienvironmental.com

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Drawn by:	2015-02-24	***	Position I
Checked by:			

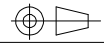
Title: **WB-5087**  
 Electrical Junction Box position.

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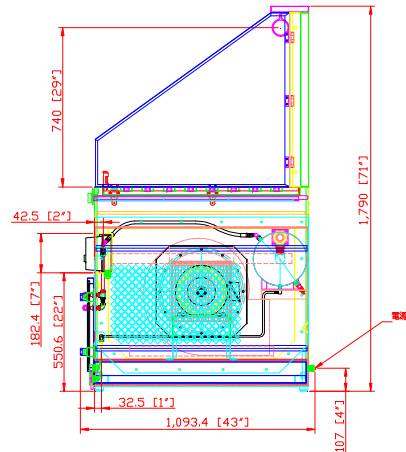
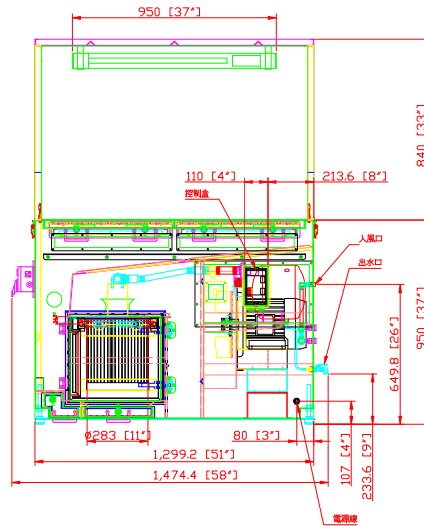
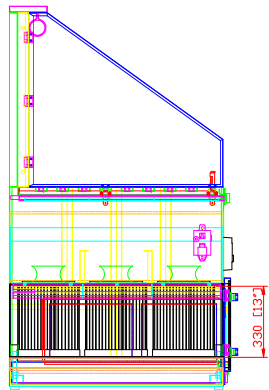
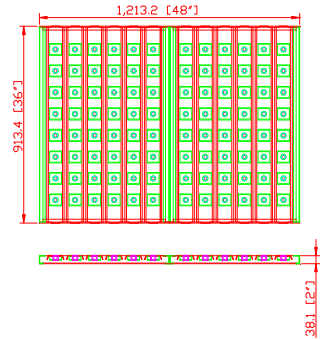
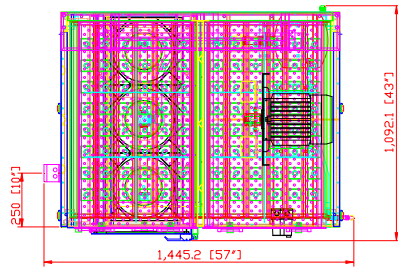
Size	Scale	Drawing Number:
<b>B</b>	1 = 35	REVISION B

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**SDT-5 DOWNDRAFT TABLE SPECIFICATIONS**

- Motor: 5HP
- \*\*\*NEMA Motor
- \*\*\*Aluminum Impeller
- Electric Spec: 230/460V / 60Hz / 3Ph (wired at 460V)  
can be prewired in **ONE** voltage:  
either:  
230V / 60Hz / 3Ph / 8.6A (wired at 230V)  
or  
460V / 60Hz / 3Ph / 4.3A (wired at 460V)
- Airflow: 2340 CFM (3973 m3/hr)

**Filtration Stages:**

1. aluminum mesh x 2 pcs  
- spec: 285 x 423 x 22mm (11.3" x 16.7" x 0.87")
2. Cartridge Filter: DIA. 283 x 330mmL x 3 pcs  
- spec: dia. 283 x 330mmL (dia. 11.2" x 13"L)  
- filtering area: 5m2 x 3 = 15m2 (161.4 ft2)  
- Material: Polyester with TEFLON treatment & coating.

- No. of Valves: 1
- Compressed Air Requirement: 90 PSI
- Compressed Air Reservoir: 2.7 gallon
- Dimension: 58" x 47" x 71"  
(1474.4 x 1185.2 x 1790mm)
- Construction: 14 gauge steel
- Max. Operating Temp.: 120°C
- Paint Color: powder coated Blue
- UL control box
- Manual Air Pulse Jet
- Electrical Outlets: (2) 110V Outlets @ (1) Switch
- Light Switch: For overhead lights
- \*\*\*Overhead Lights: (1) Explosion Proof Lights (110V, Single Phase, 60 Hz, 20W, non-recessed)

**\*\*Design options:**

1. 100% downdraft with no side/back panels
2. 100% downdraft with (2)side (1) back panels
3. 80%/20% with (2) side panels

- \*\*\*no blower outlet to reduce noise
- \*\*\*table top with 16mm fixture holes
- \*\* gauge hole pre-drilled.
- Optiona HEPA filter available.

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95 Cypress Drive  
Youngsville, NC 27596

(919) 570-2862  
info@avanienvironmental.com

Drawn by:	Date	Name	Part Number: 100% downdraft
Checked by:	2015-02-04	***	

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Title: <b>SDT-5 downdraft table (grated top with 16mm fixture hole)</b>		
Size <b>A</b>	Scale 1 = 30	Drawing Number: ***

