



Date: March 27, 2012

To: Johnson Controls

Project:

Attn:

Recommended Equipment:

(1) SDC-20-16MDF Cartridge Collector Drawer Type w/ Feet

- 8,500CFM @ 8" SP
- normal 12" x 52"L polyester cartridges
- silencer
- VFD

(1) Roll Media: RM-6000

Avani Environmental Intl. Inc.
95 Cypress Drive
Youngsville, NC 27596
www.avanienvironmental.com

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DO NOT SCALE

IF IN DOUBT ASK



Revisions

Rev	Description	Date	Approved
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Silencer Inlet & Outlet Cartridge Collector Inlet

Blower Outlet

- SDC-20-16MDF SPECIFICATION -

- Direct Drive Blower (on the machine top)
- Motor: 20HP x 1 pc
- CFM: 8,500 ft³/min @ 8" SP
- Include:
 - UL Individual Control Boxes for Cartridge Collector and Blowers

- ***Inlet: dia. 450 mm (dia. 17.7")
- Cartridge Filter: Dia. 325mm x 1320mm x 16pcs (Dia. 12.8" x 52" x 16pcs)
- Material: Polyester with TEFLON coating.
- Filter Area: 19m² x 16 = 304m² (3271.04 ft²)
- Pleat Depth: 48mm

- Horizontal Positioned Filters,
- Continuous Welded Seams,
- Gasket and Latched Doors,
- Powder Coated Paint and
- Reverse Jet Pulse Cleaning
- Include:
 - Filter Chamber
 - Inlet Square Pipe (need dimensions)
 - Fan/motor combinations
- No. of Valves: 4

- Inlet Air: 4"
- Compressed Air Requirement: 90 PSI
- Compressed Air Reservoir: 15.8 gallon
- Dimension: 102.2" x 123.7" x 180.6" (2593.5 x 3140.5 x 4584.8mm)
- Construction: 13 Gauge for panel; 11 Gauge Steel Cabinet
- Max. Operating Temp.: 120°C
- Paint Color: Blue

***with Feet underneath the machine.

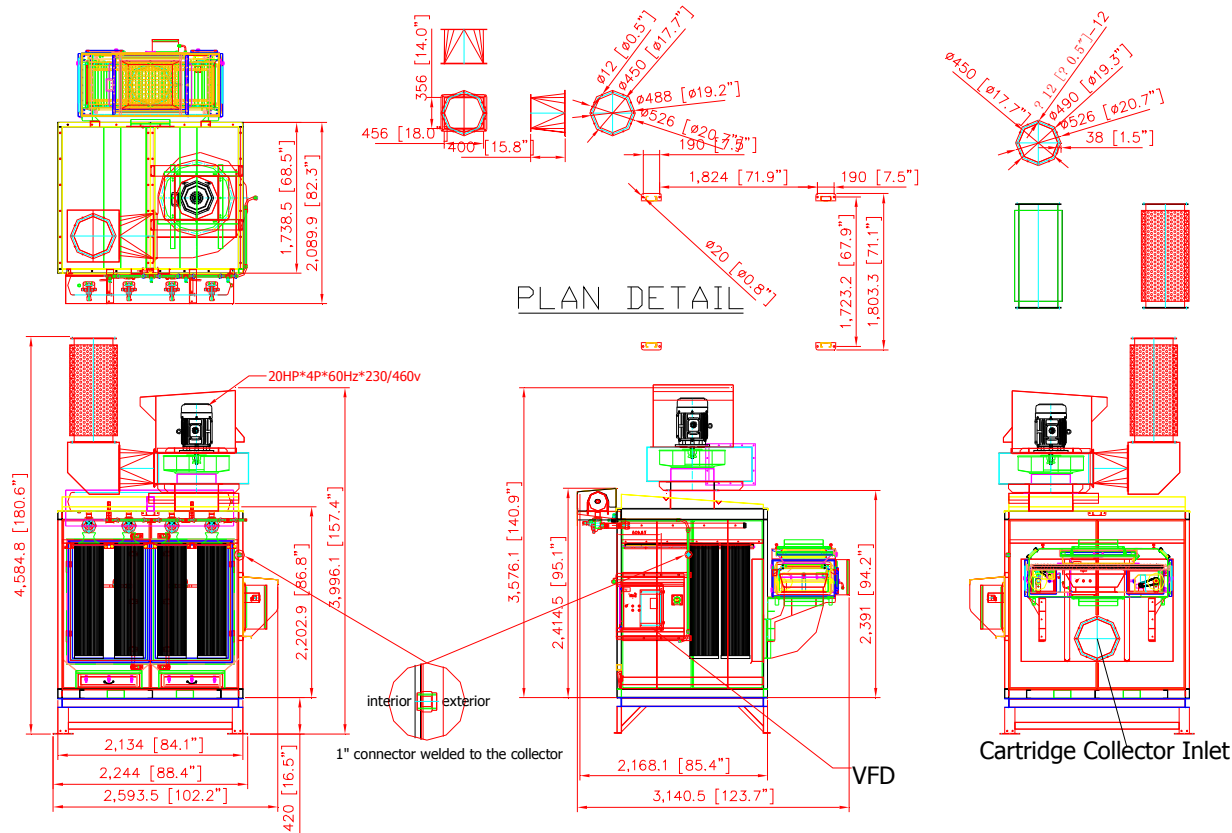
***1" connector welded to the right side of the collector when facing the unit.

***w/ silencer.

***Roll Media: RM-6000

***VFD.

PLAN DETAIL



AVANI ENVIRONMENTAL INTL. INC. Sales Department

95 Cypress Drive

Youngsville, NC 27596

(919) 570-2862

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Date

Name

Part Number:

Title:

Drawn by:

2012-03-27

SDC-20-16MDF

Cartridge Collector (drawer type) w Feet

Checked by:

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Size
A

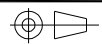
Scale
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Drawing Number:

SVL-1600-01

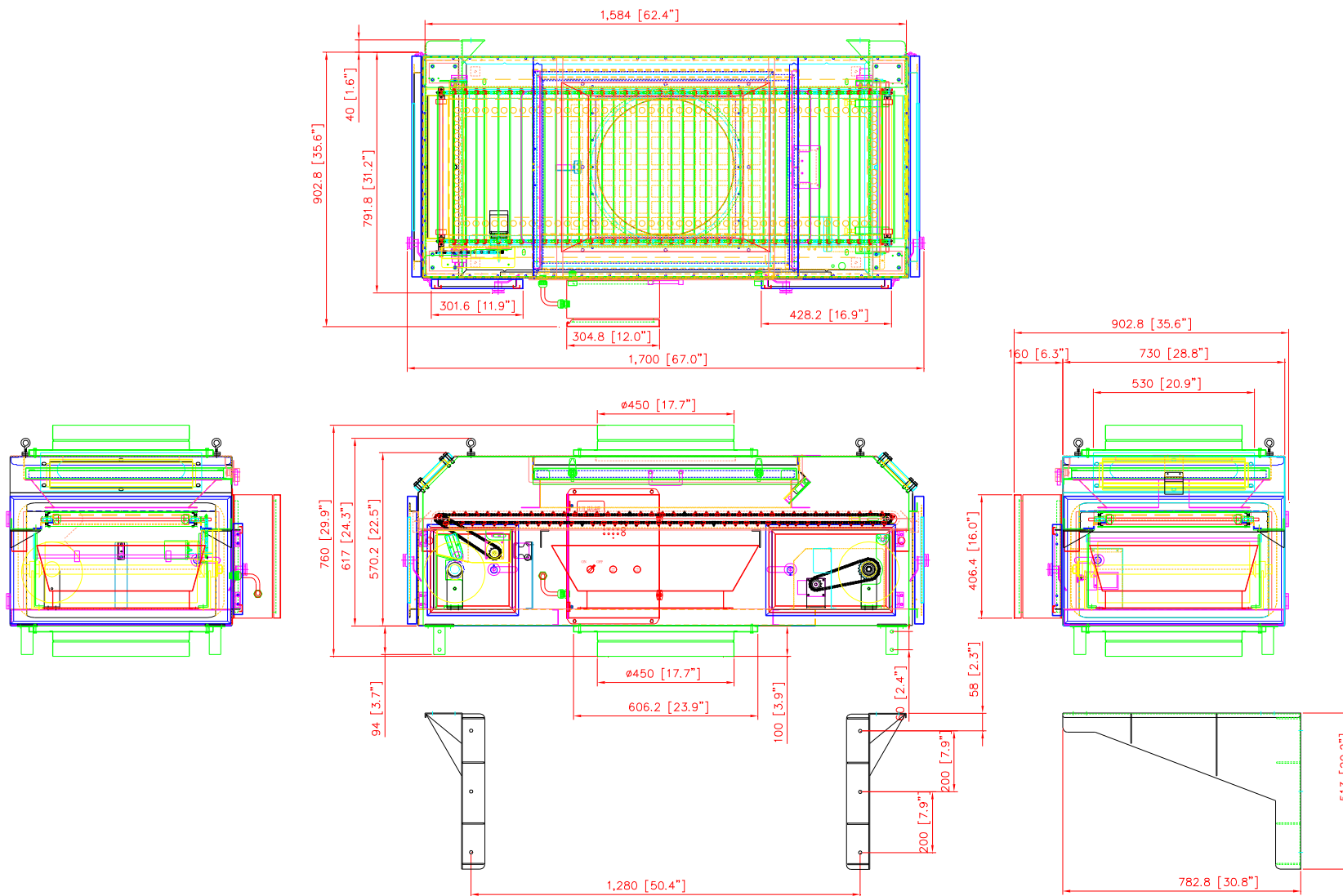
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Date	Name	Part Number:
2011-02-16	***	**
Drawn by:		
Checked by:		

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Title:	Roll Media RM-6000	
Size	Scale	Drawing Number:
A	1 = 18	***

