

ADDENDUM NO: 1

REQ NO: 175543

FINAL SUBMITTAL: October 18, 2018 2:00 PM EST

FINAL QUESTIONS: N/A

Department: Waste Resource Division, Public Works

Questions & Answers for Bid# 305216:

Question 1: Do you know where I can find the previous bid?

Answer: If you did not bid on the last Invitation to Bid, you will need to go through the City Attorney's office and put in for a Tennessee Open Reports Request.

Question 2: I did not see that there is a pre-bid meeting requirement, Can I plan a day to see the locations of units?

Answer: We can provide someone to aide interested parties to see all the units for anyone interested. This can be set up by contacting Matt Schiesser at 423-280-7149 or email at jschiesser@chattanooga.gov. This is for all vendors.

Question 3: LOCATION: Warner Park; A says "Bed 1 & 2 –Activated Carbon with KOH". Then says "1 Bed @ 20,000 Lbs unit". Is this a typo error, or is it only 1 Bed @ 20,000 Lbs./unit =\$ ____ Change/unit?

Answer: At Warner Park there is one (1) Bed with 576 Cuft or 14,400 lbs of carbon. See General Carbon Corporation sheet and Container dimensions attached to addendum.

Question 4: Is there a current particulate filter change-out scheduled? Monthly, Quarterly, Bi-annually or Annually for which filters?

Answer: We have PM's to change the filters and do this in-house. We include pricing for this in case we decide to have this done by the vendor when they do a carbon change.

Question 1: I noticed there are a number of filter units, which do not have particulate filters. Is that correct?

Answer: Yes, not all units have particulate filters.

Req No: 175543 Odor Control Filter Media Services

**PLEASE SIGN ONE (1) COPY OF ADDENDUM AND RETURN TO THE
PURCHASING DEPARTMENT. RETAIN THE OTHER COPY FOR YOUR
FILES.**

Name: _____

Company: _____

**CITY OF CHATTANOOGA
PURCHASING DEPARTMENT
Mark McKeel
City Hall Suite G13
CHATTANOOGA, TN 37402
TELE: (423) 643-7236
FAX: (423) 643-7244**

GENERAL CARBON CORPORATION

Activated Carbon

33 Paterson Street, Paterson, New Jersey 07501 Phone: (973) 523 - 2223 Fax: (973) 523 - 1494

Box Vapor Phase Adsorber Calculations

WARNER PARK
ODOR CONTROL
SHOP DWG SUB. #57

Client: Warner Park CSO, Chattanooga, TN.

Date: 7/8/2008

Change values in boxes with this background

Design Specs.

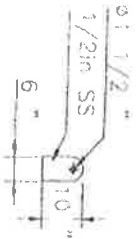
Final Design

Low Flow

High Flow

CFM (Enter #)	12000	10000	14000
Cu M/Hr 20391	Cu M/Hr 16992	Cu M/Hr 23789	
Inside Length, in. (Enter #)	24.00	24.00	24.00
Inside Width, in. (Enter#)	8.00	8.00	8.00
Bed Surface Area sq ft	192.00	192.00	192.00
Sq M	17.837	Sq M 17.837	Sq M 17.837
Superficial Vel., ft/min	63	52	73
50 ft/min Ideal			
Bed Depth, inches	12"= 5376	12"= 5376	12"= 5376
	36.00	36.00	36.00
Meters	0.914	Meters 0.914	Meters 0.914
Carbon Volume, cu ft	576	576	576
Cu M	16.312	Cu M 16.312	Cu M 16.312
Carbon Wt., Lbs. SS+	25.00 14400	25.00 14400	25.00 14400
Carbon Price per Lb.	\$1.75 \$25,200.	\$1.75 \$25,200.	\$1.75 \$25,200.
	Kg 6531.84	Kg 6531.84	Kg 6531.84
Carbon Wt. GC-IPS	20160	20160	20160
Price per Lb.	\$1.89 \$36,288.	\$36,288.	\$36,288.
Control Valve - 5AL	2.88	3.46	2.47
1.5 Sec OK			
Pressure Drop in. WC	1.33	1.00	1.71
(Per ft of Bed Depth)			
Total P drop,"wc	3.99	3.00	5.12
Total P drop, PSI	0.14	0.11	0.18
	Equal to 18x48	Equal to 18x48	Equal to 18x48
Duct Size >>>	32.00	32.00	32.00
Meters	0.813	0.813	0.813
Velocity, feet/minute	2150	1791	2508
meters/minute	655.22	546.02	764.43
meters/second	10.92	9.10	12.74
Metric Units			

ALL MATERIALS ARE 304SS EXCEPT THE ROLLERS AND ROLL-OFF UNDERCARRIAGE WHICH ARE MILD STEEL. INTERNALS INCLUDE SS GRATE BOLTED IN PLACE AND SS SCREEN FIXED TO THE GRATE.

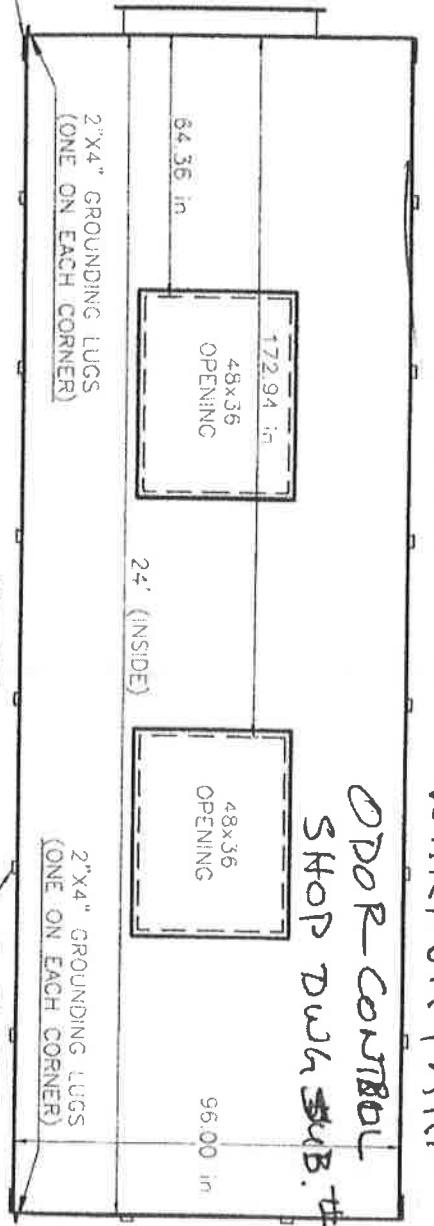


LIFTING LUG DETAIL



GROUNDING LUG DETAIL

4PCS LIFTING LUGS



TOP VIEW

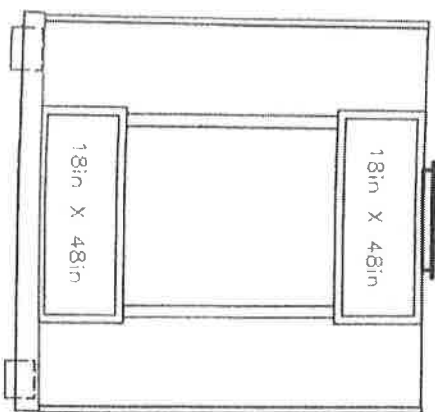
3 in FORMED CHANNEL

ALL PLATE 10GA 304 SS

6.01 in

UPPER DP TAP 1/2" FNPT

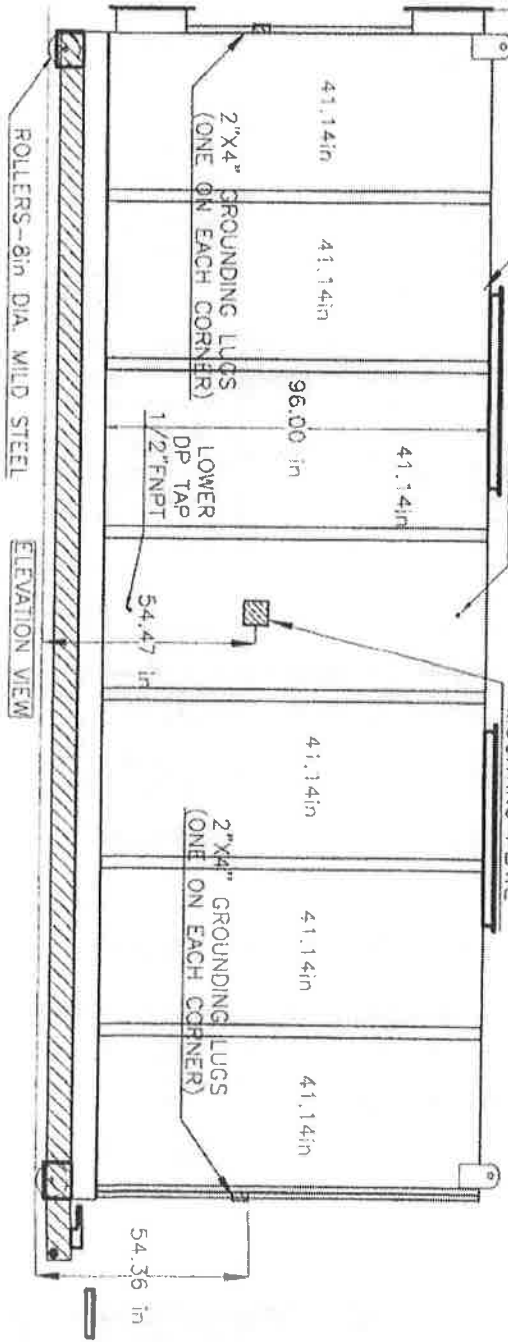
MAGNETIC GAUGE MOUNTING PLATE



END VIEW

22 in X 52 in

TWO(2) PCS DUCT COVER PLATES SUPPLIED FOR TRANSPORT



ROLLERS-6 in DIA. MILD STEEL

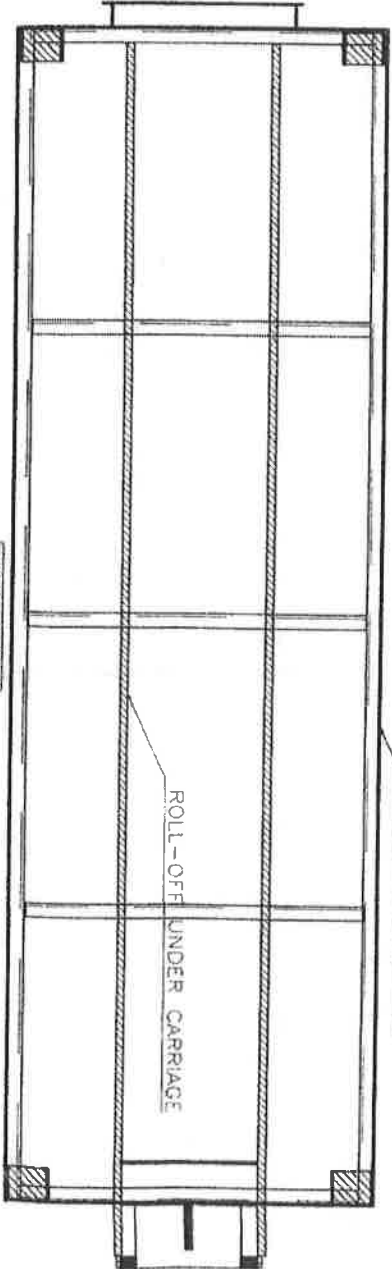
ELEVATION VIEW

6 in FORMED CHANNEL

GENERAL CARBON CORP.

33 Paterson St., Paterson, NJ 07651 973-524-2825
 DRAWN BY: EBI Scale 1/4"=1' Revised R2 1/20/09

WARNER PARK CSD ODOR CONTROL
 ADSORBER BOX DRAWING



BOTTOM VIEW

CONTRIBUTOR DIMENSIONS

WARNER PARK

ODOR CONTROL
 SHOP DRAW # 57