



- 1. Insulate first 100 linear feet of existing 12 inch duct beginning in room B-02C. with 1 inch thick material as specified in Spec 230711.
- 2. Install three (3) three quarter (3/4) inch copper vent lines in parallel with existing 12 inch duct and terminate through roof in accordance with the eTO Abator Operations and Installation Manual.
- 3. Construct and install 30" by 20" by 20" plenum, Tie in existing 12 inch duct.
- 4. Provide and install new exhaust fan and and power disconnect.

Additional Notes: Remove and replace damaged fiberboard insulation on large return duct located below EF 108. Construct a metal work platform above return duct to facilitate exhaust fan install. Work platform shall be constructed to permanent standards and shall be capable a bearing 500 pounds.

Fan					Motor			
Type	cfm	SP/"	RPM	Drive	HP	Volt	Hz	Phase
Inline	1000 @ 0.5"	0.625	2100	Belt	0.3 to 0.37			

Fan Notes: Provide the following options on selected fan: Thermal protection, spring isolators, Drip proof, Ball Bearings with high temp. grease, External lube, High Energy Efficiency, External Motor with adjustable motor base and adjustable tensioner, universal mounting options, Belt Drive, 1.15 SF, Heavy duty commercial, for 12 inch duct connection,



Tennessee Valley Healthcare System

MURFREESBORO CAMPUS



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Project Title :
INSTALL SPS PROVIDED ETO ABATORS

Drawing Title :
MECHANICAL PLAN

Approved By :
[Signature]

Building Number :
ONE (1)

Date :
10-31-2013

Project No. :
626-14-501

Location :
VAMC, NASHVILLE, TN

Checked By :
[Signature]

Drawn By :
[Signature]

DRAWING NO. :
G-002

Dwg. :
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Department of Veterans Affairs