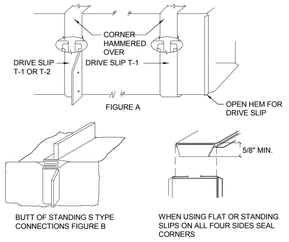
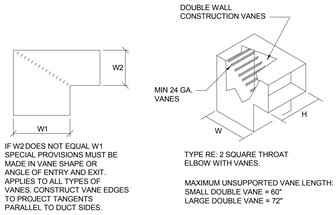


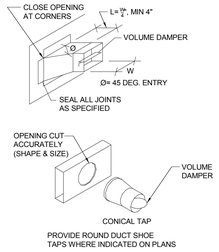
1 H501 CORNER CLOSURES - SLIPS AND DRIVERS

SCALE: NONE



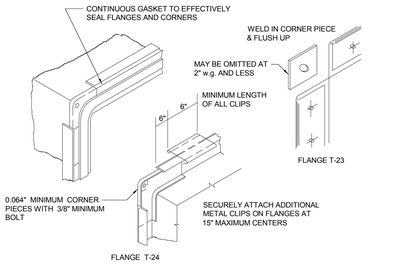
2 H501 RECTANGULAR ELBOWS

SCALE: NONE



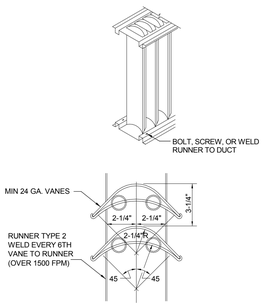
3 H501 BRANCH CONNECTIONS

SCALE: NONE



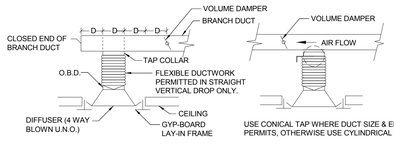
4 H501 CORNER CLOSURES - FLANGES

SCALE: NONE



5 H501 VANES & VANE RUNNERS

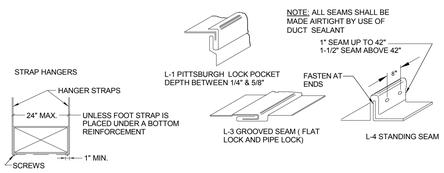
SCALE: NONE



NOTE: ALL FLEXIBLE DUCTWORK SHALL BE UL-181 CLASS 1 RATED.

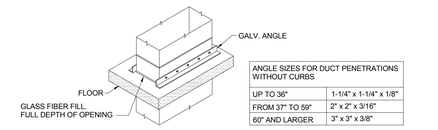
6 H501 LAY-IN CEILING DIFFUSER INSTALLATION

SCALE: NONE



7 H501 LONGITUDINAL SEAMS - RECT. DUCT

SCALE: NONE



ANGLE SIZES FOR DUCT PENETRATIONS WITHOUT CURBS	
UP TO 36"	1-1/4" x 1-1/4" x 1/8"
FROM 37" TO 59"	2" x 2" x 3/16"
60" AND LARGER	3" x 3" x 3/8"

8 H501 FLOOR PENETRATIONS

SCALE: NONE

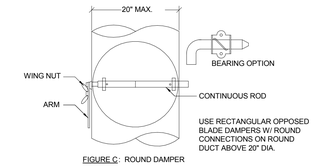


FIGURE C: ROUND DAMPER

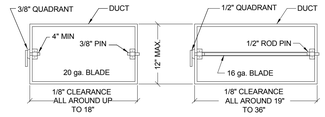
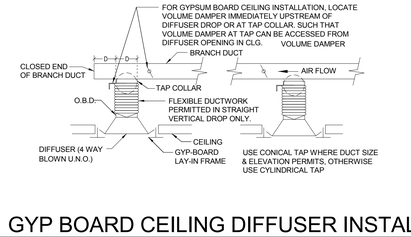


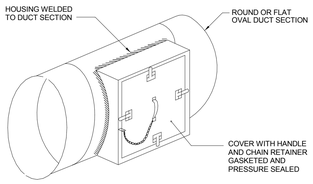
FIGURE A: RECTANGULAR DAMPER

NOTE: OVER 12" HIGH USE MULTIPLE BLADES



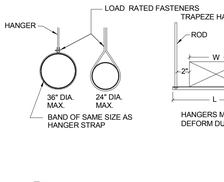
9 H501 GYP BOARD CEILING DIFFUSER INSTALLATION

SCALE: NONE



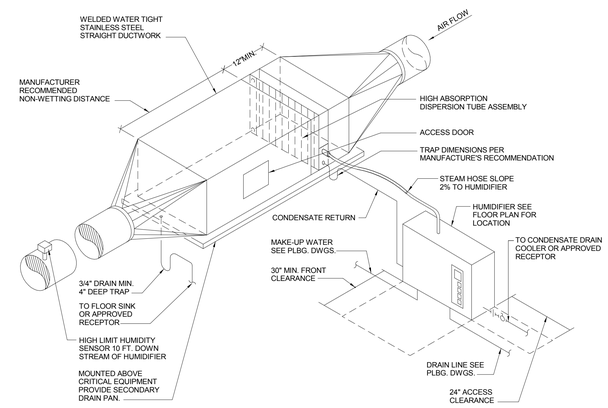
10 H501 ACCESS SECTION FOR ROUND/OVAL DUCT

SCALE: NONE



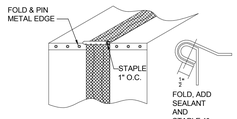
11 H501 LOWER HANGER ATTACHMENTS

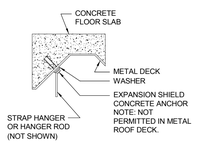
SCALE: NONE



13 H501 HUMIDIFIER DETAIL

SCALE: NONE





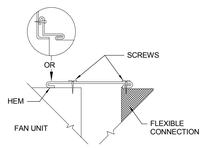
NOTE:
EXPANSION SHIELD ANCHORS ARE PERMITTED IN SHEAR ONLY. DO NOT INSTALL VERTICALLY.

GENERAL FLEXIBLE DUCTWORK NOTES:

1. USE OF FLEXIBLE DUCTWORK SHALL BE RESTRICTED TO CONNECTIONS BETWEEN THE VAV/CV AIR TERMINAL UNITS AND THE MEDIUM OR HI PRESSURE SUPPLY DUCT AND CONNECTIONS BETWEEN SUPPLY DIFFUSERS AND THE LOW PRESSURE SUPPLY AIR DUCTWORK.
2. USE OF FLEXIBLE DUCTWORK IN EXPOSED AREAS IS PROHIBITED.
3. MAXIMUM LENGTH OF FLEXIBLE DUCTWORK SHALL BE 5'-0".
4. DO NOT PENETRATE FIREWALLS AND INTERSTITIAL DECKS WITH FLEX. DUCTS.

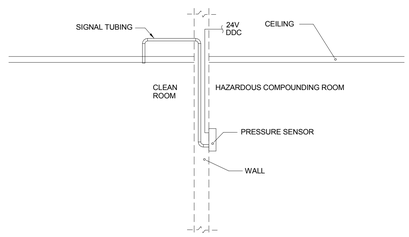
14 H501 FLEXIBLE CONNECTIONS

SCALE: NONE



12 H501 VOLUME DAMPERS - SINGLE BLADE TYPE

SCALE: NONE



NOTES:
1. ALL TIE-INS TO THE DDC SHALL BE TO THE LOCAL CONTROL PANEL.
2. NEW MONITOR SHOWN. EXISTING MONITOR IS TO REMAIN.

15 H501 ROOM PRESSURIZATION MONITOR DETAIL

SCALE: NONE

FULLY SPRINKLERED
ISSUED FOR CONSTRUCTION

Revisions:	Date

CONSULTANTS:

SEAL

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL SCOTT P. LIZOTTE ENGINEER PE081443

ARCHITECTS/ENGINEERS:

A|E works

6587 Hamilton Avenue
Pittsburgh, Pennsylvania 15206
Ph: 412.287.7333 Fax: 412.287.7334
www.ae-works.com

AE Works Project Number: 13020

Drawing Title: HVAC DETAILS

Approved: Project Director

Project Title: ERIE VA PHARMACY IV PREP ROOM

Location: 135 EAST 38TH STREET, ERIE, PA 16504

Date: January 17, 2014 | **Checked:** SPL | **Drawn:** SPL

Project Number: 562-13-105

Building Number:

Drawing Number: H501

Dwg. 8 **of** 9

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231