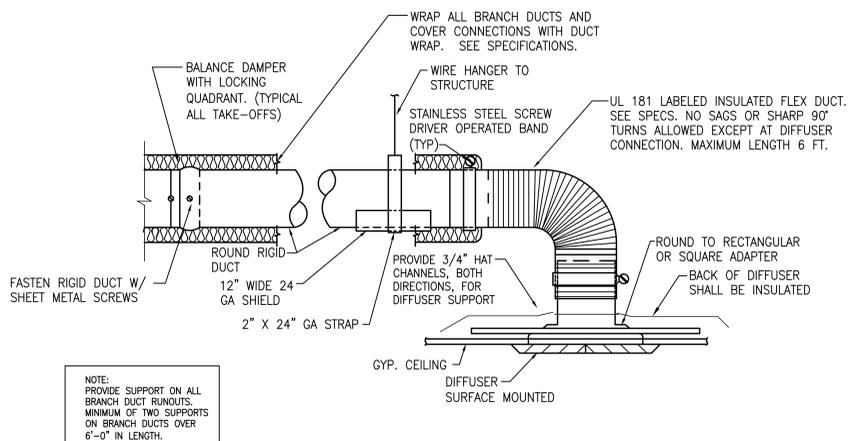
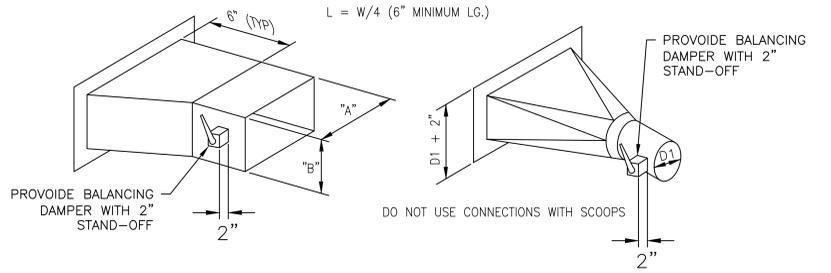


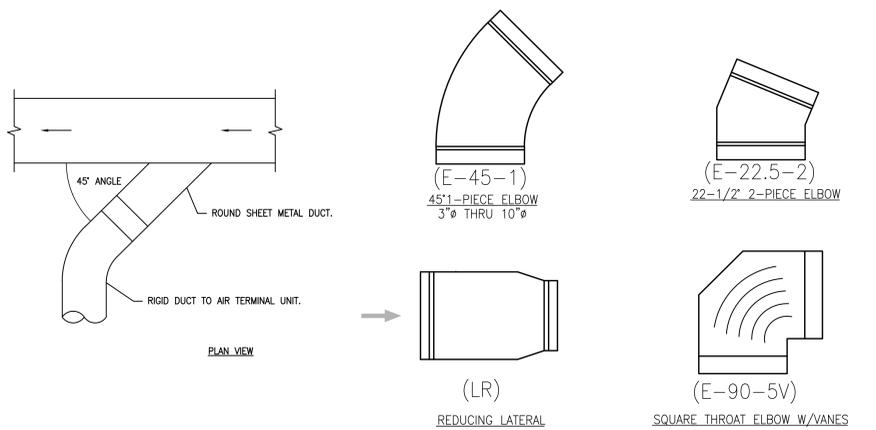
three inches = one foot  
 one and one half inches = one foot  
 one inch = one foot  
 one half inch = one foot  
 three quarters inch = one foot  
 one quarter inch = one foot  
 three eighths inch = one foot  
 one eighth inch = one foot  
 one sixteenth inch = one foot



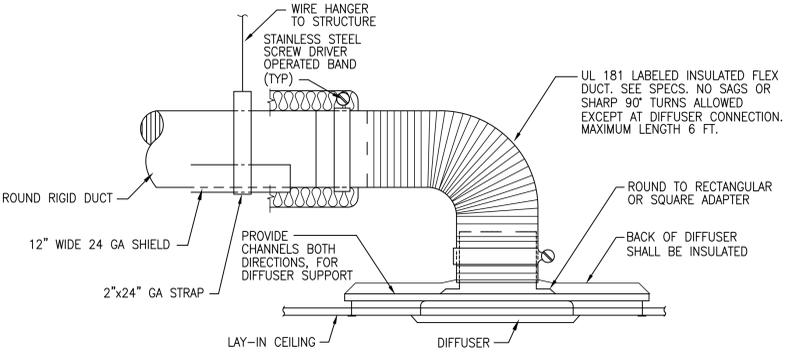
**1 DIFFUSER CONNECTION**  
 (TYPICAL)  
 MH004 NTS



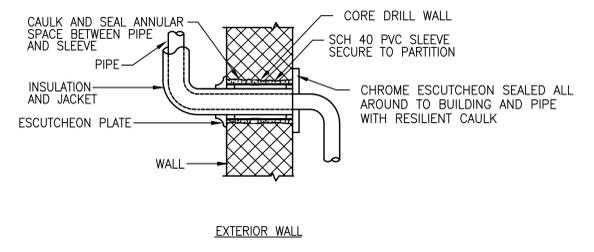
**2 45 DEGREE BRANCH TAKEOFF**  
 SCALE: NTS  
 MH004



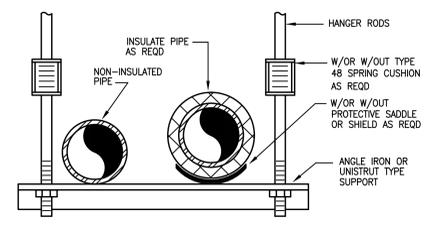
**5 TYPICAL DUCT FITTINGS**  
 N.T.S.  
 MH004



**1 DIFFUSER CONNECTION**  
 (TYPICAL)  
 MH004 NTS



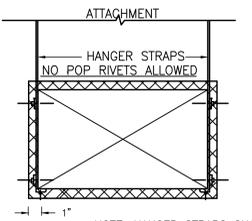
**4 PIPE PENETRATION THRU WALLS**  
 NTS  
 MH004



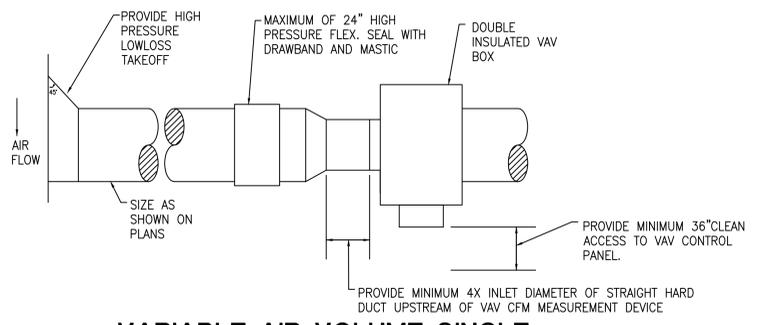
**8 TRAPEZE TYPE PIPE SUPPORT**  
 NTS  
 MH004

NO. 10x3/4" SELF TAPPING CADMIUM PLATED SHEET METAL SCREWS TO ANCHOR STRAPS TO DUCT AND JOISTS. ALL STRAPS SHALL BE TIGHT AGAINST DUCT AND MEMBERS.

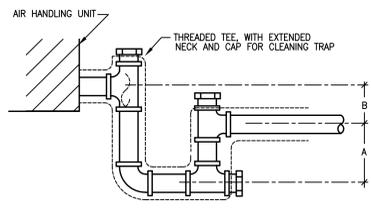
HANGER SIZES FOR RECTANGULAR DUCT			
MAX. SIDE	HANGER	HORIZONTAL SUPPORT ANGLE	MAXIMUM SPACING
UP TO 34"	1" X 18 GAUGE STRAP	NONE REQUIRED	8'-0"
34" TO 40"	1" X 18 GAUGE STRAP	NONE REQUIRED	6'-0"



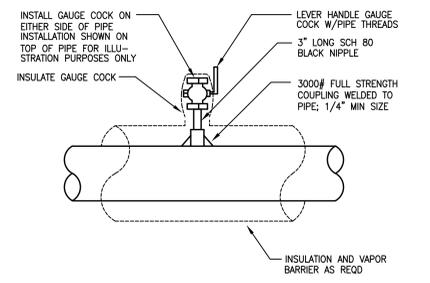
**3 DUCT STRAP HANGER**  
 NTS  
 MH004



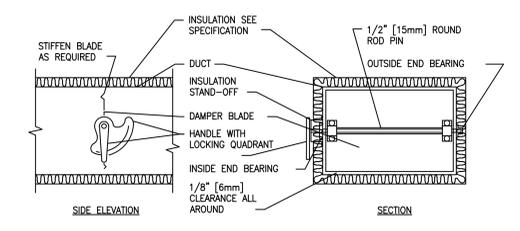
**6 VARIABLE AIR VOLUME SINGLE DUCT ON VAV BOX**  
 SCALE: NTS  
 MH004



**7 CONDENSATE DRAIN TRAP**  
 NTS  
 MH004



**9 GAUGE COCK INSTALLATION**  
 NTS  
 MH004



NOTE:  
 1. DELETE INSULATION STAND-OFF ON DUCTWORK WITHOUT EXTERIOR INSULATION.  
 2. DETAIL SHOWS SINGLE BLADE DAMPER. DAMPER INSTALLATION SHALL BE SIMILAR FOR MULTI-BLADE DAMPERS & ROUND DAMPERS.

**9 VOLUME DAMPER DETAIL**  
 NTS  
 MH004

<b>CONSULTANTS:</b> CIVIL: KENNETH HORNE & ASSOCIATES 7201 NORTH 9TH AVENUE, STE. 6 PENSACOLA, FLORIDA 32504 PH: (850) 471-9005 FX: (850) 471-0093 LANDSCAPE ARCHITECT: CSA GROUP, INC. 6300 PICCADILLY SQUARE DRIVE MOBILE, ALABAMA 36609 PH: (251) 344-4023 FX: (251) 344-4052 COMM/DES: SCHMIDT CONSULTING GROUP, INC. 40 S. PALAFOX PLACE, STE. 300 PENSACOLA, FLORIDA 32502 PH: (850) 438-0050 FX: (850) 432-8631 SURVEYORS: KCI TECHNOLOGIES, INC. 10401 HIGHLAND MANOR DRIVE, SUITE 120 TAMPA, FLORIDA 33610 PH: (813) 740-2300		<b>ARCHITECT/ENGINEERS:</b>  BES DESIGN/BUILD, LLC 766 Middle St, Fairhope, AL 36532 Phone: 251.990.5778 Fax: 251.990.3716		Drawing Title <b>MECHANICAL DETAILS</b> Approved Project Director		Project Title <b>CONSTRUCT VA OUTPATIENT CLINIC, PANAMA CITY</b> Location <b>PANAMA CITY, FLORIDA</b> Date <b>APRIL 2013</b> Checked CL Drawn TF		Project Number <b>520-326</b> Building Number - Drawing Number <b>MH004</b> Dwg 5 of 11		Office of Construction and Facilities Management 	
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