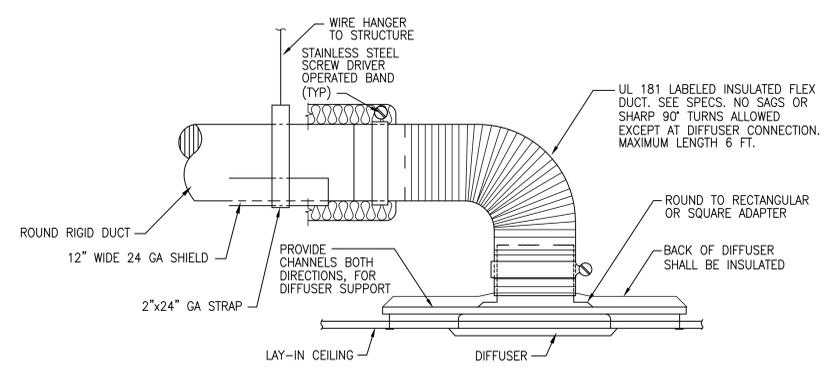
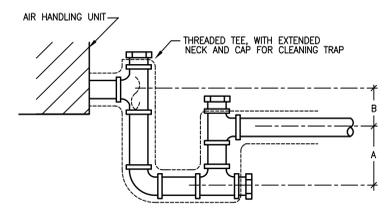


NOTE: PROVIDE SUPPORT ON ALL BRANCH DUCT RUNOUTS. MINIMUM OF TWO SUPPORTS ON BRANCH DUCTS OVER 6'-0" IN LENGTH.

**1 DIFFUSER CONNECTION**  
M502 NTS (TYPICAL)



**2 VARIABLE AIR VOLUME SINGLE DUCT ON FP BOX (VAV BOX)**  
M502 SCALE: NTS

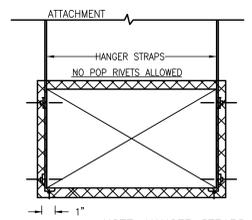


A = GREATER OF 4" OR 1/2" PLUS (BLOWTHRU) AHU TOTAL PRESSURE IN INCHES-WC  
 B = GREATER OF 2" OR 1/2" PLUS (DRAWTHRU) AHU TOTAL PRESSURE IN INCHES-WC  
 NOTES:  
 1. 1/8" MIN PIPE SIZE OR DRAIN SIZE TAP IN AHU INSULATE FOR CONDENSATE CONTROL AS REQD  
 2. ALL MATERIAL SHALL BE TYPE "L" COPPER.

**3 CONDENSATE DRAIN TRAP**  
M502 NTS

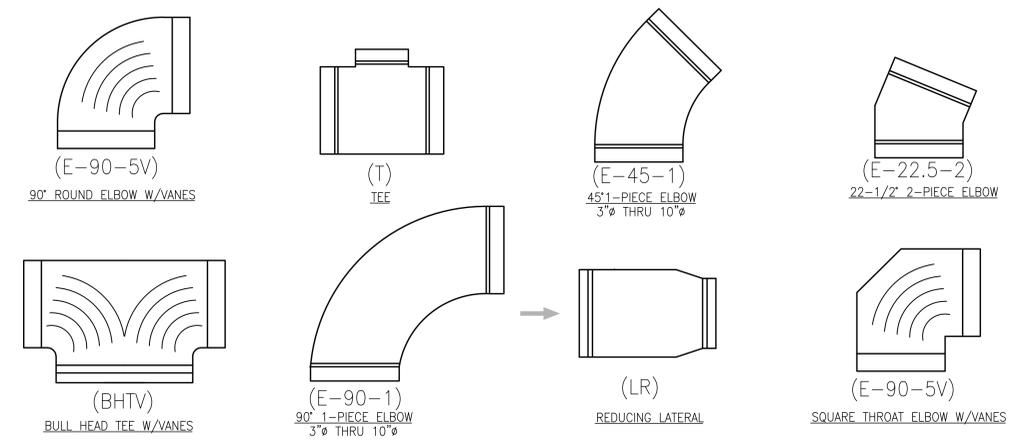
NO. 10x3/4" SELF TAPPING CADMIUM PLATED SHEET METAL SCREWS TO ANCHOR STRAPS TO DUCT AND JOISTS. ALL STRAPS SHALL BE TIGHT AGAINST DUCT AND MEMBERS.

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"

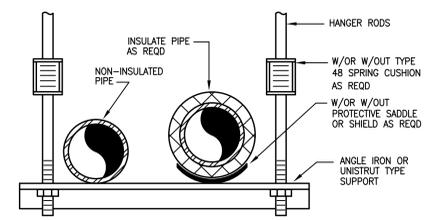


**4 DUCT STRAP HANGER**  
M502 NTS

NOTE: HANGER STRAPS SHOWN FOR SINGLE WALL DUCT. STRAPS TO BE EXTERNAL FOR DOUBLE WALL DUCT.

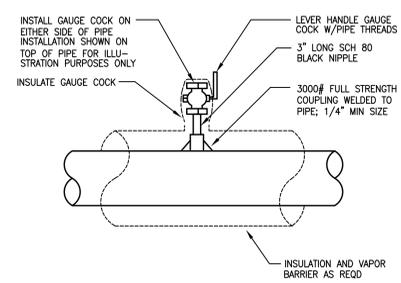


**5 TYPICAL DUCT FITTINGS**  
M502 N.T.S.



NOTES:  
 1. SIZE RODS, SPRING CUSHION, AND HORIZONTAL MEMBER APPROVED TO SATISFY LOAD REQUIREMENT W/SAFETY FACTOR OF 5

**6 TRAPEZE TYPE PIPE SUPPORT**  
M502 NTS



**7 GAUGE COCK INSTALLATION**  
M502 NTS

FINAL SUBMISSION  
 APRIL 18, 2012

IF SHEET IS LESS THAN (30"x42") IT IS A REDUCED PRINT; SCALE ACCORDINGLY

**M503**



 786 MIDDLE ST., FARMHSE, AL 36532 251-890-5778 ARCH. & ENGR. SEAL 	NATURAL RESOURCES & ENVIRONMENTAL AFFAIRS SATISFACTORY TO DATE	P.W. DWG. NO.	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL SUPPORT ACTIVITY PANAMA CITY, FLORIDA
	SAFETY DEPARTMENT SATISFACTORY TO DATE	DRAWN BY R. LONDONO	<b>PANAMA CITY JOINT OUTPATIENT CLINIC</b> <b>NAVAL GULF COAST HEALTH CARE</b> <b>MECHANICAL DETAILS</b>
	FIRE DEPARTMENT SATISFACTORY TO DATE	CHECKED BY R. DeLOACH	N/A Y A C DRAWING NO. N/A
	PUBLIC WORKS SUPERVISOR SATISFACTORY TO DATE	SUPERVISOR B. COFFMAN APPROVED DATE	HONC PROJ. NO. CONSTR. CONTR. NO.
PUBLIC WORKS OFFICER		SCALE	MACC. T.O.# SHEET 10 OF 12