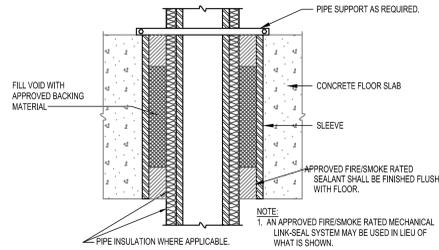
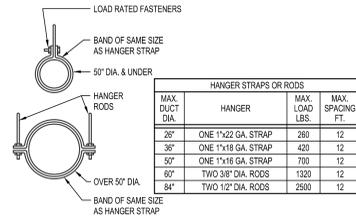


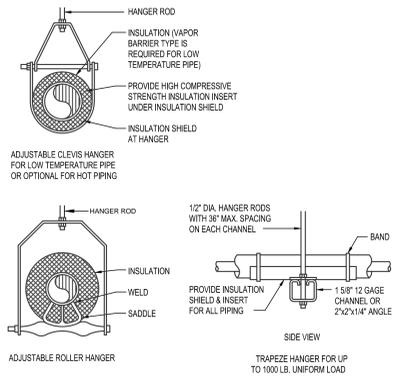
1 PIPE SLEEVE THRU FLOOR
NOT TO SCALE



2 PIPE SLEEVE THRU FIRE RATED FLOOR
NOT TO SCALE



3 ROUND DUCT HANGERS
NOT TO SCALE



MAXIMUM PIPE/TUBING SUPPORT SPACING, FEET

NOM. SIZE	THRU 75	1	1 1/2	1 3/4	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24
PIPE	7 FT.	7	7	9	10	11	12	14	16	17	19	22	23	25	27	28	30	32
TUBING	8 FT.	8	7	8	9	9	10	12	13	14	16	17	18	19	20	21	22	24

NOTE: FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST SIZE ON TRAPEZE

4 TYPICAL PIPE HANGERS
NOT TO SCALE

TABLE 1: STRAP HANGERS (PAIR) SPACED

W/D	10\"/>
72"	1\"/>
96"	1\"/>
120"	1\"/>
168"	1\"/>
192"	1\"/>
192\"*	SPECIAL ANALYSIS REQUIRED

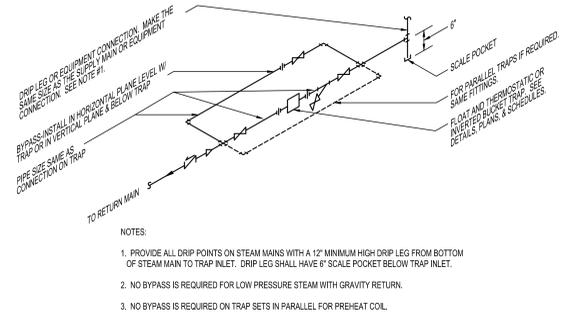
TABLE 2: ALLOWABLE HANGER LOAD MAX

STRAPS	LBS.	RODS	LBS.
2 - 1\"/>			
2 - 1\"/>			
2 - 1\"/>			
2 - 1\"/>			

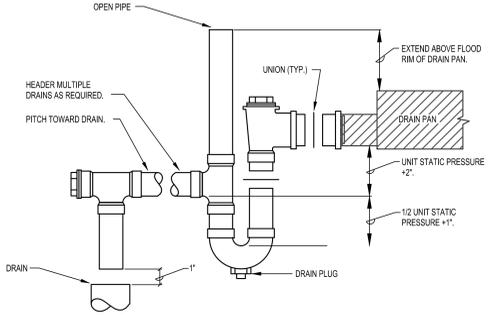
TABLE 3: TRAPEZE ANGLE LOAD MAX

L	2\"/>	
36"	1200 LBS.	1840 LBS.
48"	1160 LBS.	1900 LBS.
60"	1080 LBS.	1800 LBS.
72"	900 LBS.	1640 LBS.
84"	660 LBS.	1400 LBS.
96"	320 LBS.	1080 LBS.

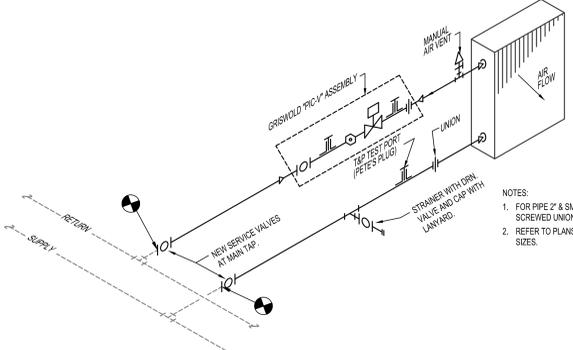
8 RECTANGULAR DUCT HANGERS
NOT TO SCALE



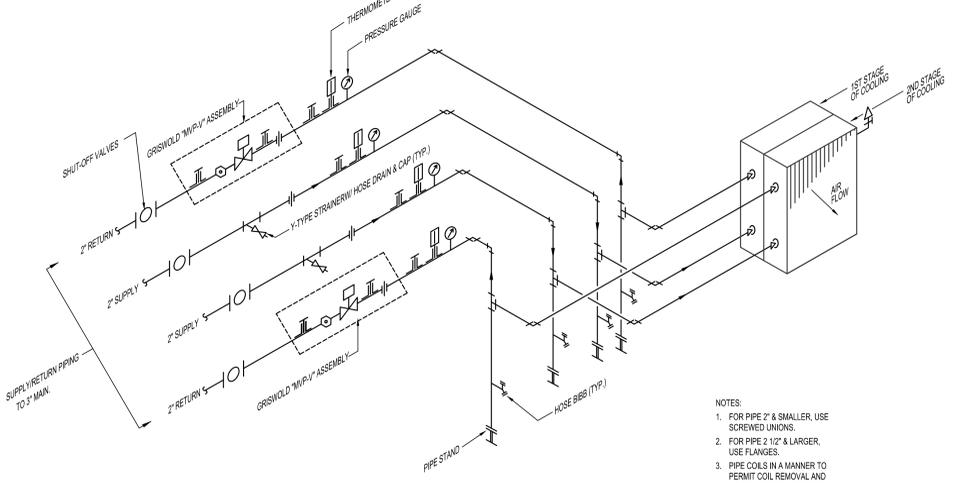
5 FLOAT AND THERMOSTATIC AND/OR INVERTED BUCKET TRAP SET CONNECTIONS
NOT TO SCALE



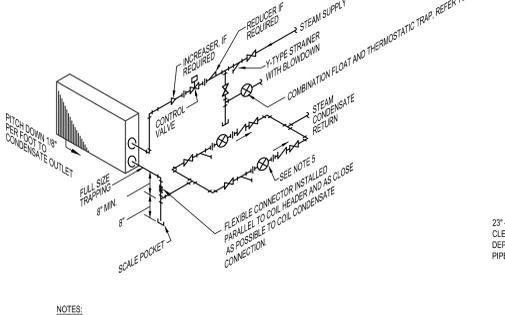
6 A.H.U. DRAIN PIPING
NOT TO SCALE



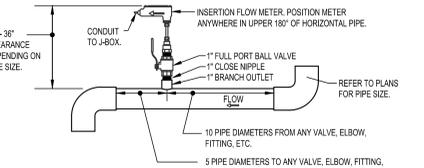
7 TERMINAL AIR DEVICE HW PIPING SCHEMATIC
NOT TO SCALE



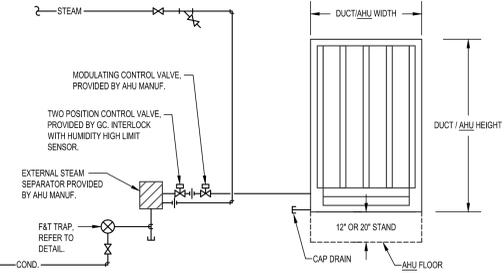
9 COOLING COIL PIPING SCHEMATIC - AHU-5 (TYP. OF 2)
NOT TO SCALE



10 STEAM COIL PIPING SCHEMATIC - PHC-5
NOT TO SCALE



11 INSERTION FLOW METER
N.T.S.



12 SCHEMATIC: H-5
NOT TO SCALE

REVISIONS	DESCRIPTION	DATE

Dept. of Veterans Affairs
Jack C. Montgomery
Medical Center
1011 Honor Height Drive
Muskogee, Oklahoma 74401

ENGINEER:
RMD CONSULTING, LLC
2815 VALLEY VIEW LANE, STE. 214
DALLAS, TX 75234
P: 972-488-8077 F: 972-488-8174
OK REG. ENGINEERING FIRM: 5183

CONSULTANTS:
ARCHITECT:
ARCHITECTURAL CONCEPTS, INC.
669 AIRPORT FREEWAY, STE. 300
HURST, TX 76053
P: 817-285-8885 F: 817-285-8021

APPROVED:
 APPROVED: Interior Designer
 APPROVED: Safety Manager
 APPROVED: Medical Center Director
 APPROVED: Infection Control Nurse
 APPROVED: Associate Director
 APPROVED: Industrial Hygienist
 APPROVED: Chief of Staff
 APPROVED: President A.F.G.E. 2250
 APPROVED: Chief of Engineering Service

DRAWING TITLE:
HVAC DETAILS

PROJECT NO.: 623-11-107
CONTRACT NO.: VA256-12-C-0295

BUILDING NO.: CLINICAL
AUTOCAD FILE NAME:

PROJECT TITLE:
REPLACE LABORATORY AIR HANDLING UNITS

DESIGNED BY: C. A. B.
DRAWN BY: C. A. B.
CHECKED BY:

DATE: 8/19/2013
SCALE: AS SHOWN
DRAWING NO.: MH4.0
DWG. 19 OF 40

KEY PLAN
 SCALE: NO SCALE

PROJECT NORTH

DEPARTMENT OF VETERANS AFFAIRS

