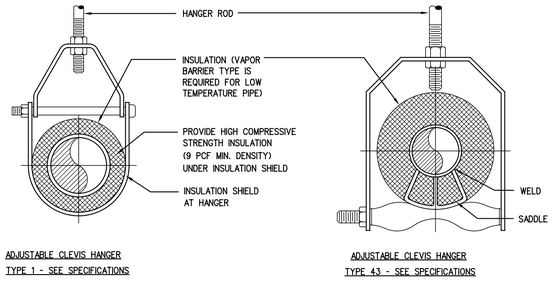
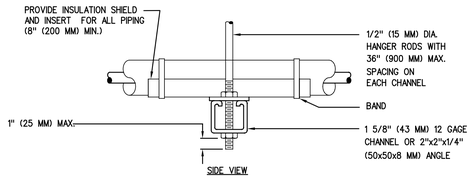


ADJUSTABLE CLEVIS HANGER
TYPE 1 - SEE SPECIFICATIONS

ADJUSTABLE CLEVIS HANGER
TYPE 43 - SEE SPECIFICATIONS

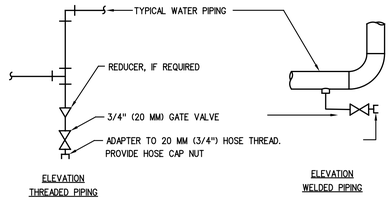


TRAPEZE HANGER FOR UP
TO 1000 LB. (453 KG) UNIFORM LOAD

1 TYPICAL PIPE HANGERS
NOT TO SCALE

MAXIMUM PIPE/TUBING SUPPORT SPACING																			
NOM. SIZE	IN. (MM)	THRU 3/4 THRU (20)	1 (25)	1 1/4 (32)	1 1/2 (40)	2 (50)	2 1/2 (65)	3 (75)	4 (100)	5 (125)	6 (150)	8 (200)	10 (250)	12 (300)	14 (350)	16 (400)	18 (450)	20 (500)	24 (600)
PIPE	FT. (M)	7 (2.1)	7 (2.1)	7 (2.1)	9 (2.7)	10 (3.0)	11 (3.4)	12 (3.7)	14 (4.1)	16 (4.9)	17 (5.2)	19 (5.8)	22 (6.7)	23 (7.0)	25 (7.6)	27 (8.2)	28 (8.5)	30 (9.1)	32 (9.6)
TUBING	FT. (M)	5 FT 5 FT	6 (1.8)	7 (2.1)	8 (2.4)	8 (2.4)	9 (2.7)	10 (3.0)	12 (3.7)	13 (4.0)	14 (4.1)	16 (4.9)	- -	- -	- -	- -	- -	- -	- -

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



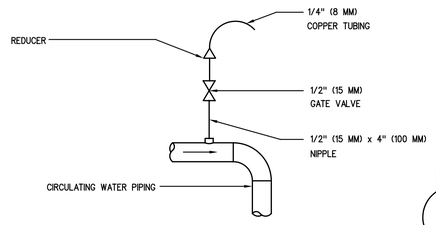
ELEVATION
THREADED PIPING

ELEVATION
WELDED PIPING

NOTES:

1. DRAIN ALL LOW POINTS AS INDICATED ABOVE.
2. WHERE SCALE POCKETS ARE SHOWN ON PIPE RISER DIAGRAMS AND/OR PLANS LOCATE DRAIN AT BOTTOM OF SCALE POCKET.

2 TYPICAL HOT WATER PIPING DRAIN VALVE CONNECTIONS
NOT TO SCALE

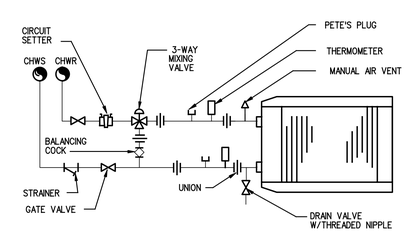


ELEVATION

NOTES:

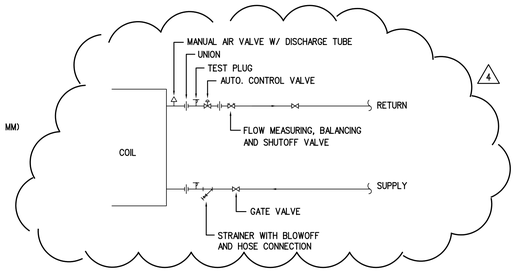
1. VENT ALL HIGH POINTS INDICATED ABOVE.
2. IF AUTOMATIC AIR VENTS ARE USED, PIPE DISCHARGE TO DRAIN

5 AIR VENT DETAIL
NOT TO SCALE

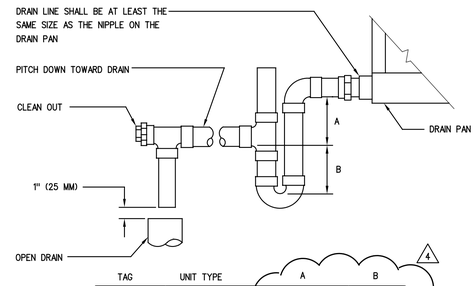


NOTE: PROVIDE ISOLATION VALVES AND UNIONS AT EACH INDIVIDUAL COIL.

3 AHU-02 CHILLED WATER COIL PIPING DIAGRAM
NOT TO SCALE

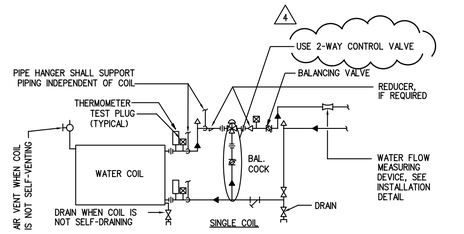


TYPICAL PIPING CONNECTION VAV BOX REHEAT COILS
6
NOT TO SCALE

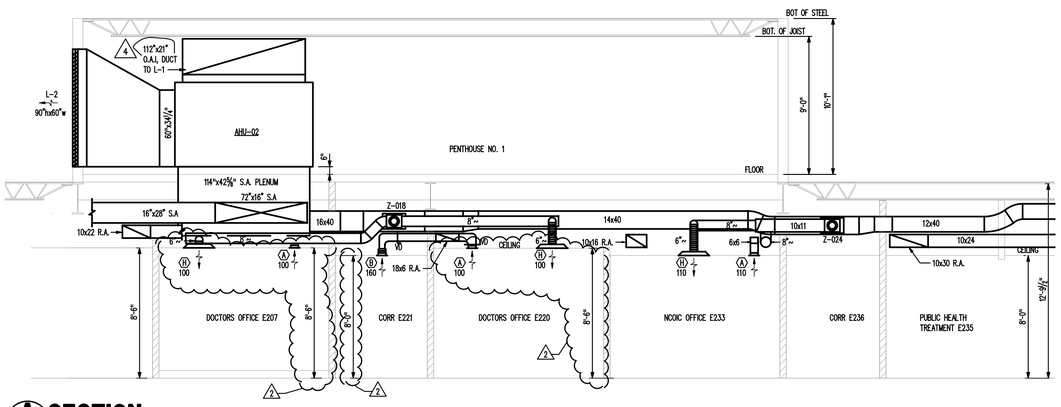


TAG	UNIT TYPE	A	B
AHU-2	DRAW THRU	4.8"	1.2"

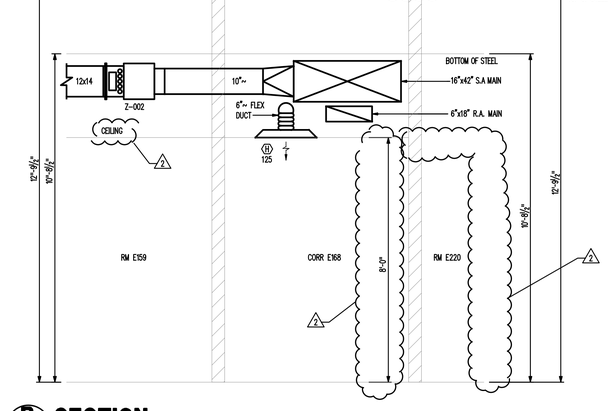
4 AIR HANDLING UNIT DRAIN TRAP DETAIL
NOT TO SCALE



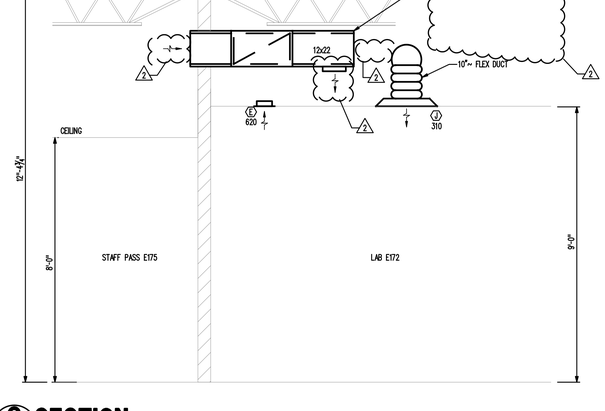
7 AHU-02 HOT WATER HEATING COIL PIPING DETAIL
NOT TO SCALE



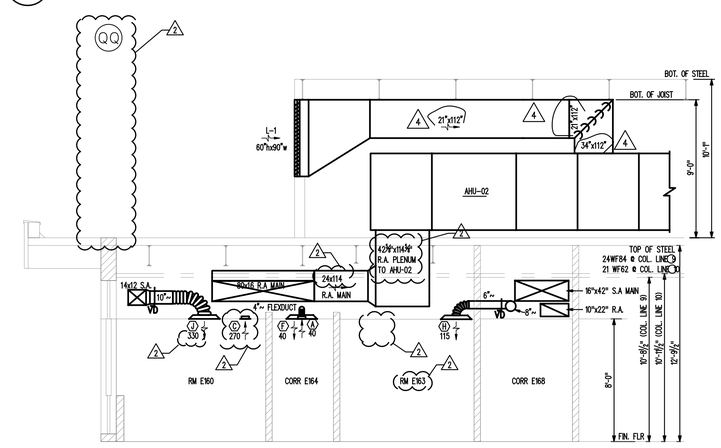
A SECTION
M1.11 SCALE: ¼"=1'-0"



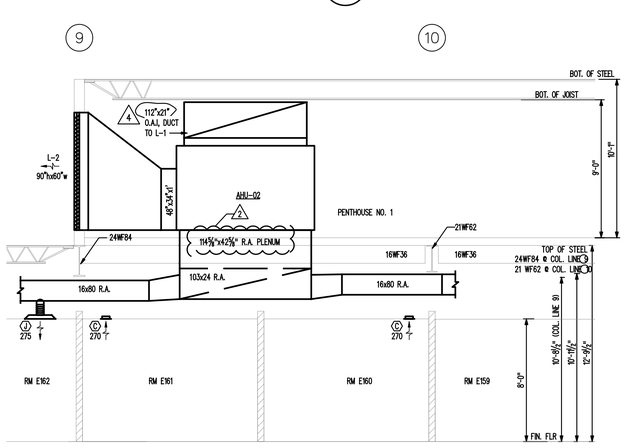
B SECTION
M1.11 SCALE: ½"=1'-0"



C SECTION
M1.13 SCALE: ½"=1'-0"



D SECTION
M1.13 SCALE: ¼"=1'-0"



E SECTION
M1.13 SCALE: ¼"=1'-0"

US Army Corps of Engineers
Huntsville
Alabama

DATE	APPROVED	SYMBOL	AMENDMENT DESCRIPTION
8/01/2005		1	REVISIONS AS-BUILT
10/11/2004		2	MISC. REVISIONS
10/31/2003		3	ISSUED FOR FINAL WORK PLAN
10/14/2003		4	ADDENDUM 1
10/1/2003		5	ISSUED FOR BID

DESIGNED BY: K.C.
DRAWN BY: C.S.
CHECKED BY: R.W.H.
REVIEWED BY:
DATE: 09/04/2003
PROJECT NO. 61503
DRAWING CODE:
SOLICITATION NUMBER:

U.S. ARMY ENGINEERING AND SUPPORT CENTER
CORPS OF ENGINEERS
HUNTSVILLE, ALABAMA

HLM Design
EARTH TECH
2101 Airport Blvd. - Ste 300, Little Rock, AR 72205 - (501) 374-1200

RENOVATE CLINIC
BUILDING 1090
LITTLE ROCK AFB, ARKANSAS

HVAC DETAILS AS-BUILT

SHEET REFERENCE NUMBER:
M4.11
SHEET X OF XX