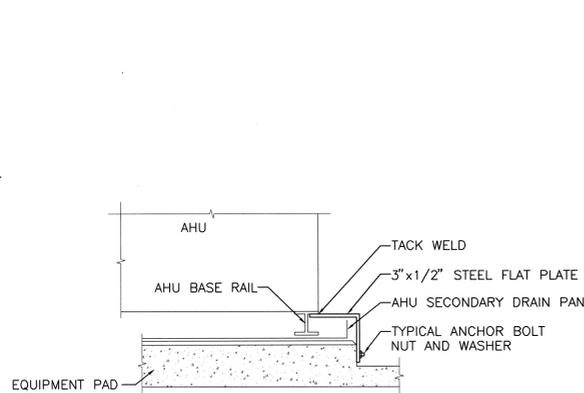
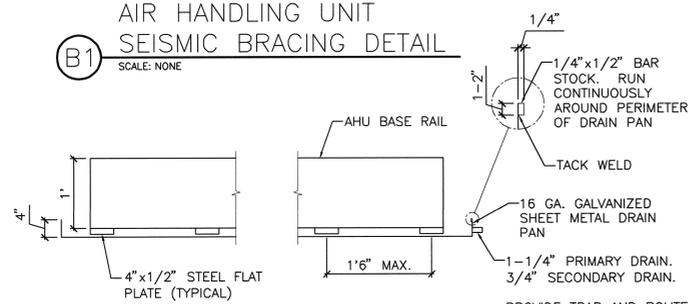


Three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot



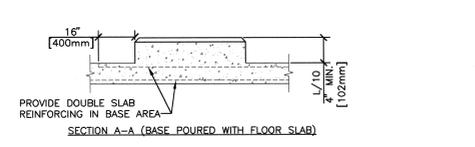
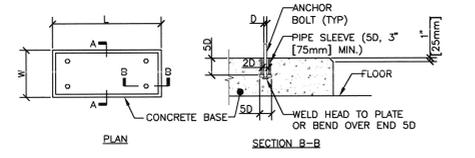
NOTES:
 1. SEISMIC BRACING TYPICAL AT FOUR CORNERS OF EACH AIR HANDLING UNIT.

B1 AIR HANDLING UNIT SEISMIC BRACING DETAIL
 SCALE: NONE



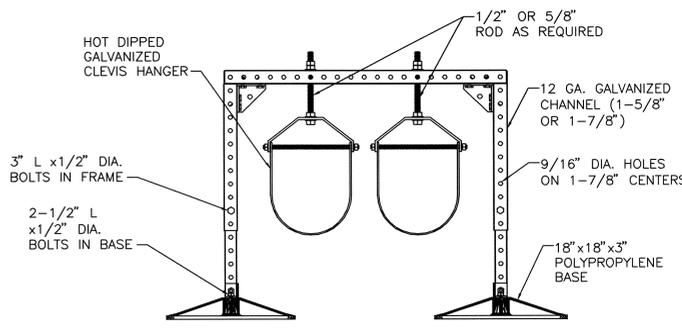
NOTES:
 1. DIMENSIONS OF DRAIN PAN SHALL EXTEND 4" EACH DIRECTION FROM THE EDGE OF THE AIR HANDLING UNIT.
 2. SPACE 6" LONG x WIDTH OF AHU BASE RAIL x 1/2" THICK STEEL FLAT PLATE EVENLY UNDER AIR HANDLER, NOT MORE THAN 1'6" MAX O.C.

D1 AIR HANDLING UNIT SECONDARY DRAIN PAN DETAIL
 SCALE: NONE

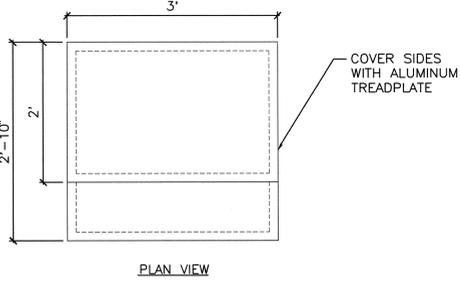
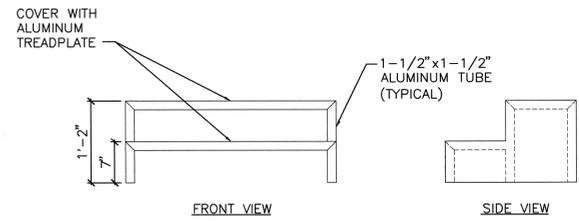


NOTE:
 L & W DIMENSIONS SHALL BE 6" [150mm] GREATER THAN THE EQUIPMENT BASE PLATE.

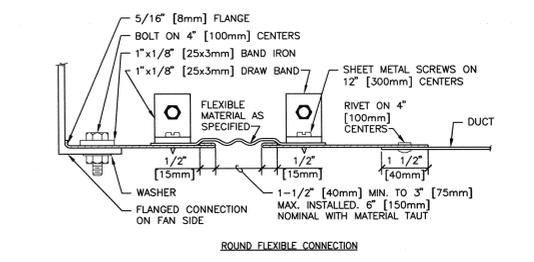
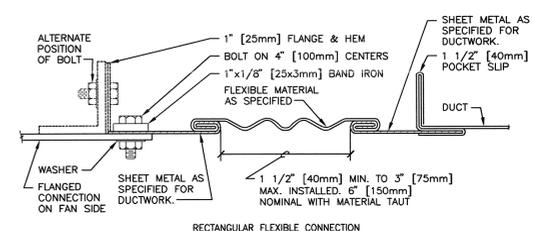
F1 CONCRETE EQUIPMENT BASES
 SCALE: NONE



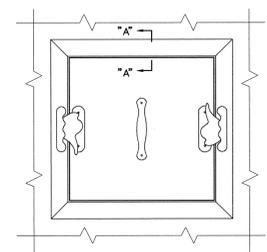
B3 TYPICAL TEMPORARY PIPE SUPPORT DETAIL
 SCALE: NONE



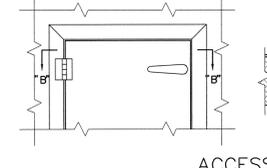
D3 MOVEABLE STEP
 SCALE: NONE



F3 FLEXIBLE DUCT CONNECTIONS
 SCALE: NONE



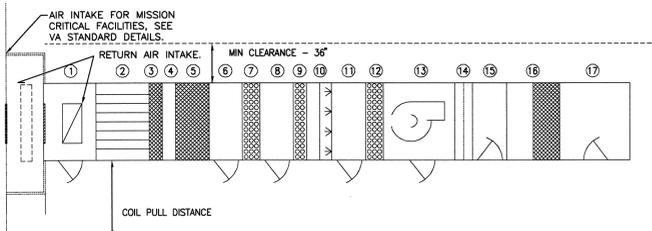
ACCESS PANEL



ACCESS DOOR

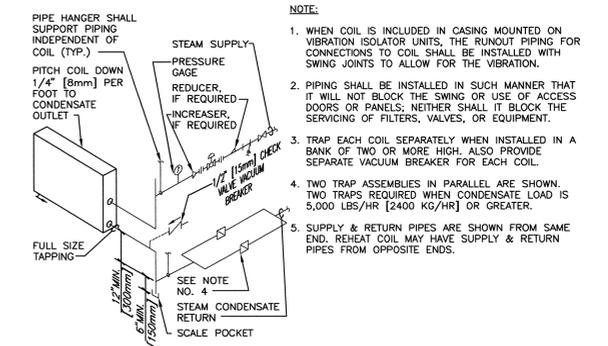
NOTES:
 1. LATCHES SHALL BE OF THE WEDGE TYPE TO CLOSE DOORS TIGHTLY.
 2. HINGES ON THE ACCESS DOORS SHALL HAVE NON-CORROSIVE PINS.
 3. SEE SMACNA 2005, FIGURE 9-15

C6 ACCESS PANEL AND DOOR DETAIL
 SCALE: NONE

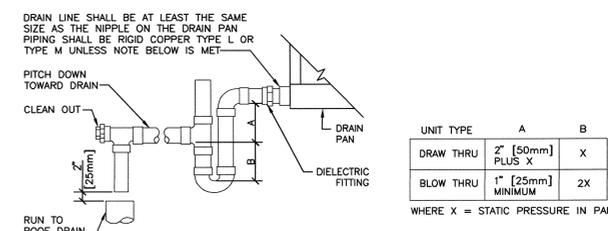


AIR HANDLING UNIT	ITEM	MINIMUM OUTSIDE AIR TWO BEDS OF FILTERS VAV	MINIMUM OUTSIDE AIR THREE BEDS OF FILTERS CV	100% OUTSIDE AIR TWO BEDS OF FILTERS CV	100% OUTSIDE AIR THREE BEDS OF FILTERS CV
* MIXING BOX	1	YES	YES	NO	NO
* BLENDER SECTION	2	YES	YES	NO	NO
* PRE-FILTERS (SIDE ACCESS)	3	YES	YES	YES	YES
* INSPECTION SECTION - SMALL	4	YES	YES	YES	YES
* AFTER FILTER (SIDE ACCESS)	5	YES	YES	YES	YES
ACCESS SECTION, MED-LARGE	6	YES	YES	YES	YES
* HEAT RECOVERY COIL	7	NO	NO	YES	YES
* ACCESS SECTION, MED-LARGE	8	NO	NO	YES	YES
* PRE-HEAT COIL	9	YES	YES	YES	YES
* INSPECTION SECTION - SMALL	10	YES	YES	YES	YES
* HUMIDIFIER	11	YES	YES	YES	YES
* COOLING COIL	12	YES	YES	YES	YES
* FAN	13	YES	YES	YES	YES
* DIFFUSER PLATE	14	NO	NO	NO	YES
* ACCESS SECTION - MED-LARGE	15	NO	NO	YES	YES
* HEPA FILTER	16	NO	NO	NO	YES
* DISCHARGE PLENUM (VERTICAL)	17	YES	YES	YES	YES

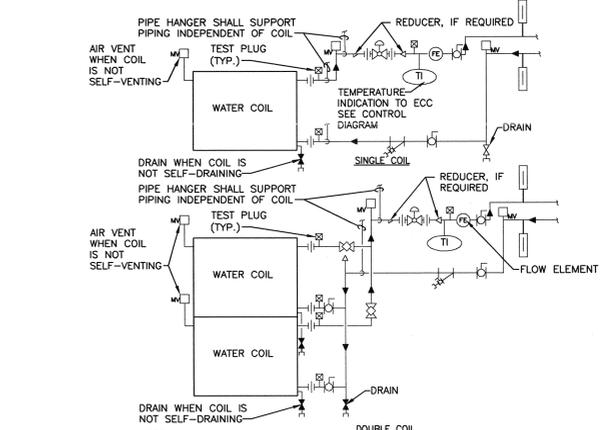
F5 ACCESS DOOR SWING DETAIL FOR AIR HANDLING UNITS
 SCALE: NONE



B8 STEAM COIL PIPING CONNECTIONS
 SCALE: NONE



D8 AIR HANDLING UNIT DRAIN TRAP DETAIL
 SCALE: NONE



F8 WATER COILS - PIPING CONNECTIONS
 SCALE: NONE

REVISION NO.	REVISION DESCRIPTION

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Recommended Approvals:	
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE MANAGER
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL MANAGER
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COR

Drawing Title
MECHANICAL DETAILS

Project Title
DESIGN BUILDING 7 AIR HANDLER UPGRADE - PROJECT A: 7-AHU107 & 7-AHU108

Date
 SEPT. 27, 2013

Project Number
 502-12-201

Checked
M/S

Reviewed
Ch

Const. Contract No.

DRAWING No.
M502

