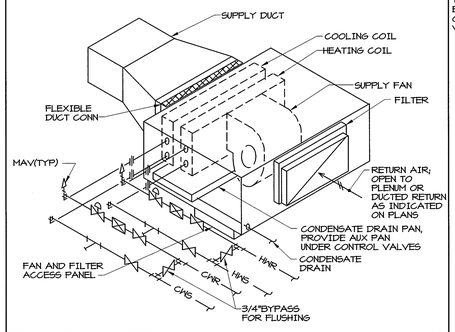
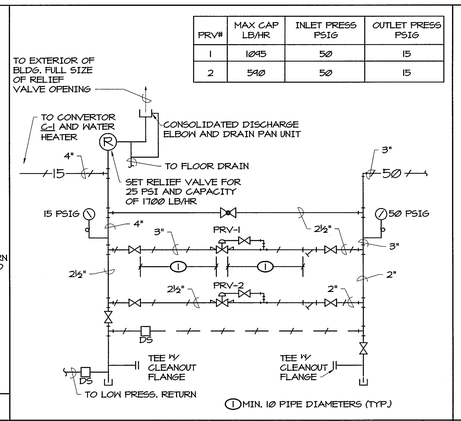
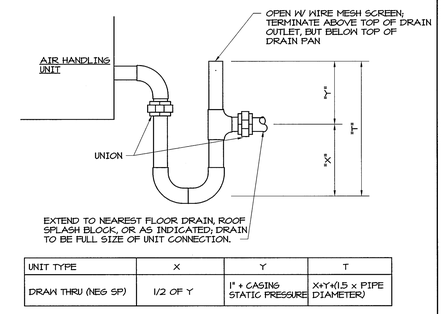


HORIZONTAL FAN COIL UNIT CONNECTION (HEATING/COOLING) SCHEMATIC 15



PRV#	MAX CAP LB/HR	INLET PRESS PSIG	OUTLET PRESS PSIG
1	10145	50	15
2	5910	50	15

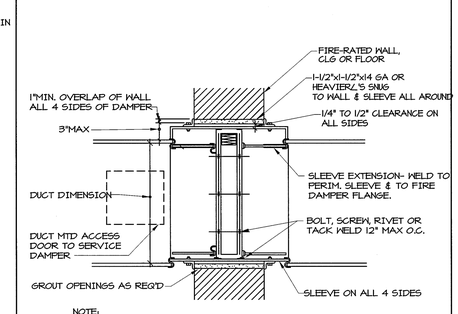
STEAM PRESSURE REDUCING STATION SCHEMATIC 12



UNIT TYPE	X	Y	T
DRAW THRU (NEG SP)	1/2 OF Y	1" + CASING STATIC PRESSURE	X+Y+(1.5 x PIPE DIAMETER)

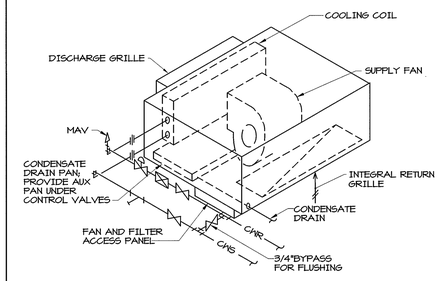
ELEVATION

AIR HANDLING UNIT CONDENSATE DRAIN SCHEMATIC 9

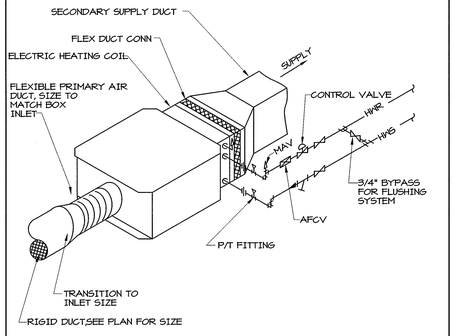


NOTE:
THE DETAIL ABOVE IS PICTORIAL IN NATURE AND NOT ABSOLUTELY CORRECT FOR ALL SITUATIONS. FIRE DAMPERS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURE'S UL APPROVED REQUIREMENTS.

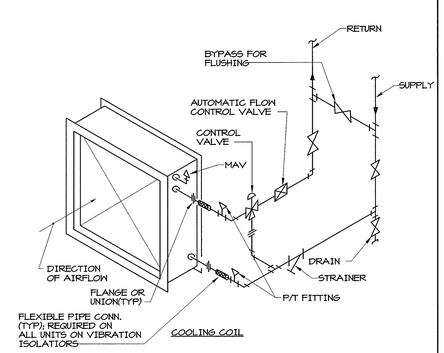
FIRE DAMPER INSTALLATION SCHEMATIC 3



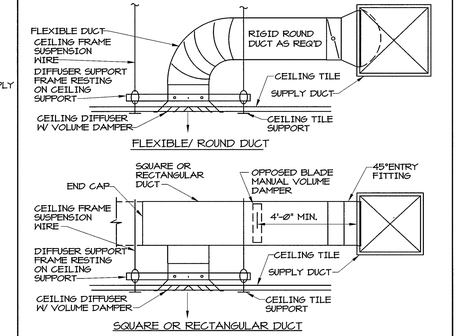
HORIZONTAL FAN COIL UNIT CONNECTION (COOLING ONLY) SCHEMATIC 14



AIR TERMINAL UNIT SCHEMATIC 11

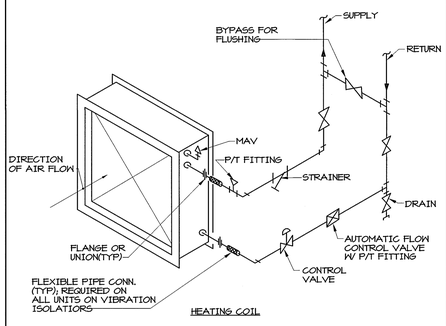


COOLING COIL PIPING CONNECTION SCHEMATIC 8

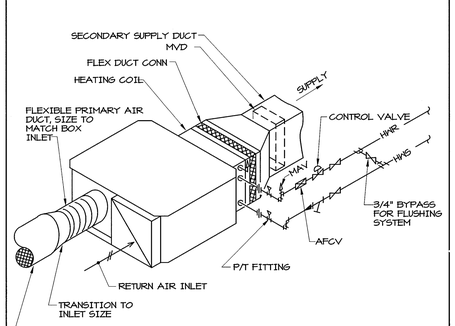


NOTE: SEE SPECIFICATIONS FOR INSULATION AND ACOUSTIC LINING REQUIREMENTS.

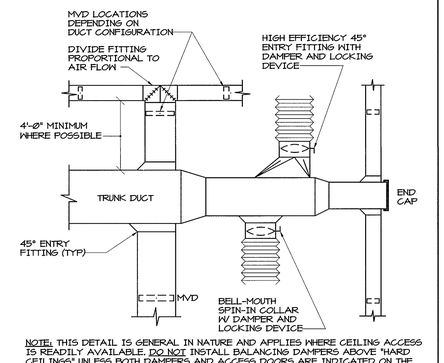
CEILING DIFFUSER BRANCH DUCTS SCHEMATIC 2



HEATING COIL PIPING CONNECTIONS SCHEMATIC 13

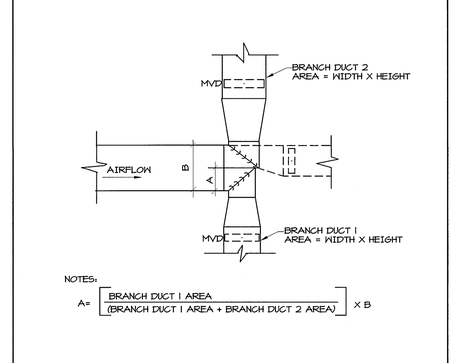


FAN POWERED AIR TERMINAL UNIT SCHEMATIC 10



NOTE: THIS DETAIL IS GENERAL IN NATURE AND APPLIES WHERE CEILING ACCESS IS READILY AVAILABLE. DO NOT INSTALL BALANCING DAMPERS ABOVE 'HARD CEILINGS' UNLESS BOTH DAMPERS AND ACCESS DOORS ARE INDICATED ON THE DRAWINGS. ASK IF THERE IS DOUBT AS TO THE DESIGNERS INTENT.

BRANCH DUCT TAKE-OFF OPTIONS SCHEMATIC 4



SPLITTER DUCT DETAIL SCHEMATIC 1

Revisions:	Date

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Approved: Project Director

Project Title: Adult Day Care Building
VA Medical Center
Comm No. 10110.00

Location: Beckley, West Virginia

Date: 08/05/2011 | Checked: LBC | Drawn: PAA

Project Number: VA246-P-0568

Building Number: -

Drawing Number: M3.2
Dwg. 67 of 77

Office of Construction and Facilities Management
Department of Veterans Affairs

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