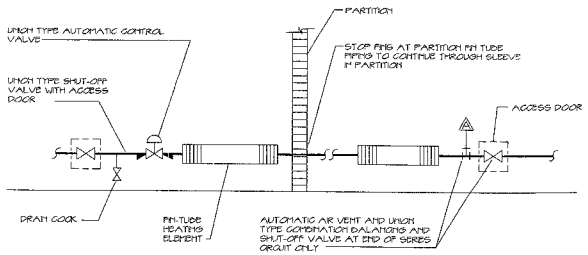
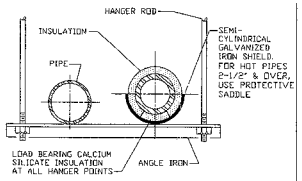


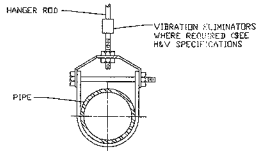
ONE ROW SERIES TYPE FIN-TUBE RADIATOR PIPING

N.T.S.



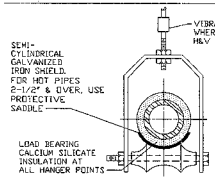
TRAPEZE HANGER

NOT TO SCALE



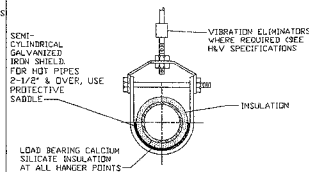
CLEVIS HANGER

NOT TO SCALE



CLEVIS ROLLER HANGER

NOT TO SCALE



CLEVIS HANGER

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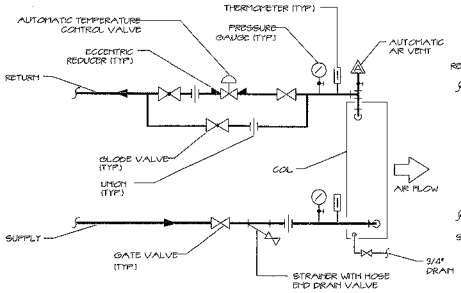
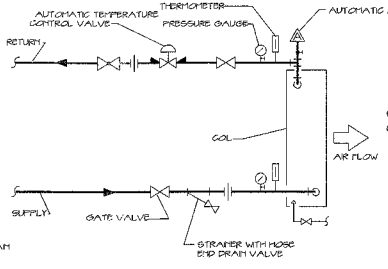


CHILLED WATER COIL PIPING

N.T.S.



HOT WATER HEATING COIL PIPING

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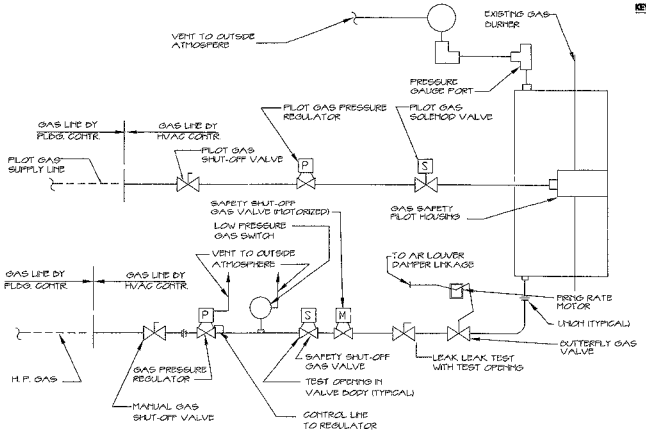
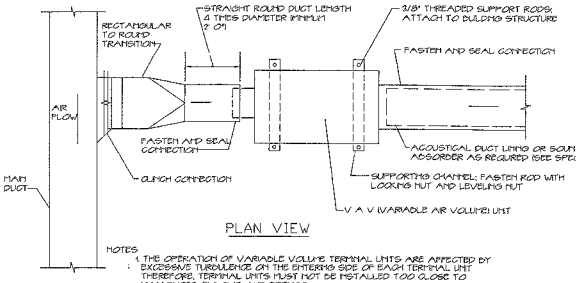


TYPICAL GAS BURNER PIPING DETAIL (PILOT & PRIMARY FUEL)

N.T.S.



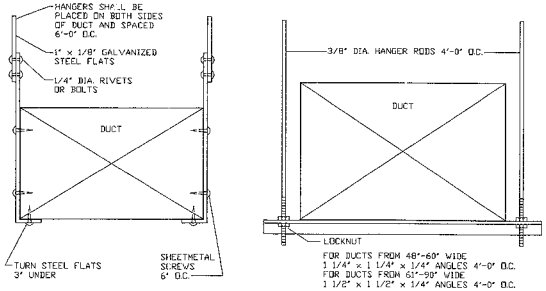
PLAN VIEW

NOTES

1. THE OPERATION OF VARIABLE VOLUME TERMINAL UNITS ARE AFFECTED BY EXCESSIVE TURBULENCE ON THE ENTERING SIDE OF EACH TERMINAL UNIT. THEREFORE, TERMINAL UNITS MUST NOT BE INSTALLED TOO CLOSE TO MAIN DUCTS, ELBOWS AND FITTINGS.
2. WHEN MINIMUM UPSTREAM STRAIGHT DUCT CONNECTION TO TERMINALS AS INDICATED ABOVE CANNOT BE MAINTAINED, PROVIDE ORIFICE PLATE, STRAIGHTENING VANES OR OTHER DEVICE AS RECOMMENDED BY TERMINAL UNIT MANUFACTURER AND SUBMIT TO ENGINEER FOR REVIEW PRIOR TO INSTALLATION.
3. MANUFACTURER OF TERMINAL UNIT SHALL PROVIDE CONTROLS ON LEFT OR RIGHT SIDE AS REQUIRED BY FIELD CONDITIONS.
4. ARRANGE ACCESS TO PERMIT EASY FIELD BALANCE AND MAINTENANCE OF TERMINAL UNIT.

TERMINAL UNIT INSTALLATION

N.T.S.



METHOD OF SUPPORTING DUCTS

UP TO 8 SQ.FT. IN AREA AND 47" WIDTH MAX.

NOT TO SCALE

OVER 8 SQ.FT. IN AREA AND OVER 47" WIDE

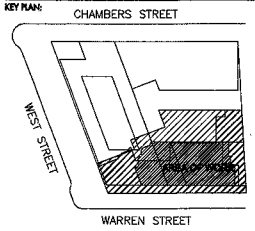
NOT TO SCALE

KEY NOTES:

GENERAL NOTES:

1. CONTRACTOR SHALL REFER TO EXISTING CONDITION (BASE BUILDING) DRAWINGS FOR LOCATION OF EXISTING UTILITY ROOMS, PIPING, CONDUIT, AND FOR ADDITIONAL INFORMATION.

KEY PLAN:



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ISSUES / REVISIONS:

NO.	DATE	ISSUE / REVISION	BY	CH
1	12.15.06	ISSUED FOR CLIENT REVIEW	GD	—
2	12.23.06	ISSUED FOR PRELIMINARY PRICING	GD	LK
3	02.22.08	ISSUED FOR PRELIMINARY PRICING	GD	LK
4	07.07.08	ISSUED FOR BID		
5	05.11.07	ISSUED FOR BID/CONSTRUCTION		

PLAN NORTH:

DRAWING SCALE: AS NOTED

PROJECT NUMBER:
02-2167-0100

SEAL:

DRAWING TITLE:
MECHANICAL DETAILS

RECEIVED
MAY 18 2007
BP MECHANICAL CORP

DRAWING NUMBER:
M-110