



LEGEND

	Y-STRAINER
	ISOLATION VALVE
	FLANGE
	BALANCING VALVE
	PRESSURE & TEMPERATURE GAUGE
	PUMP
	BMS HEADER TEMP. SENSOR

NOTES:

- 1) FOR ACTUAL SIZES AND LOCATIONS OF PIPING AND OTHER CONNECTIONS TO THE BOILER, SEE DIMENSIONAL DRAWING.
- 2) SHELL DRAIN VALVE AND CONDENSATE DRAIN TRAP SHOULD BE ARRANGED TO PERMIT THE FLUIDS TO DRAIN FREELY, BY GRAVITY, TO A CONVENIENT FLOOR DRAIN. RELIEF VALVES SHOULD BE PIPED VERTICALLY TO A HEIGHT 18" ABOVE FLOOR.
- 3) ALL (*) ITEMS ARE INCLUDED SEPARATELY IN SHIPMENT FROM FACTORY.
- 4) LOCATE WATER INLET AND OUTLET FITTINGS (i.e. UNIONS, ELBOWS, ETC.) A MINIMUM OF 6" FROM BOILER FITTINGS TO PREVENT INTERFERENCE WITH REMOVAL OF BOILER PANELS AND COVERS. ALL PIPING AND ELECTRIC CONNECTIONS (SERVICE SWITCHES, CONDUIT BOXES) SHOULD LIKEWISE BE 6" AWAY FROM SIDE PANELS.
- 5) THIS IS A TYPICAL INSTALLATION DRAWING. LOCAL CODES AND AUTHORITIES SHOULD BE CONSULTED.
- 6) WHEN USING THE AERCO CONDENSATE NEUTRALIZER TANK, FOR PROPER CONDENSATE DRAINAGE, THE NEUTRALIZER TANK MUST BE INSTALLED IN A PIT OR THE BOILER AND THE AERCO CONDENSATE TRAP MUST BE ELEVATED HIGHER THAN 4" ABOVE THE FLOOR. SEE CONDENSATE TANK INSTRUCTIONS TID-0074 FOR DETAILS.

AERCO INTERNATIONAL, INC. NORTHVALE, NJ 07647	
BENCHMARK 750 to 3000 MBH GAS FIRED BOILER LAYOUT FOR COMBINATION HEATING & DOMESTIC WATER PLANT	
DWN. BY <u>PDR</u> DATE <u>100411</u>	REV. <u>C</u>
SCALE <u>NTS</u>	SD-A-874
APPD. _____ DATE _____	