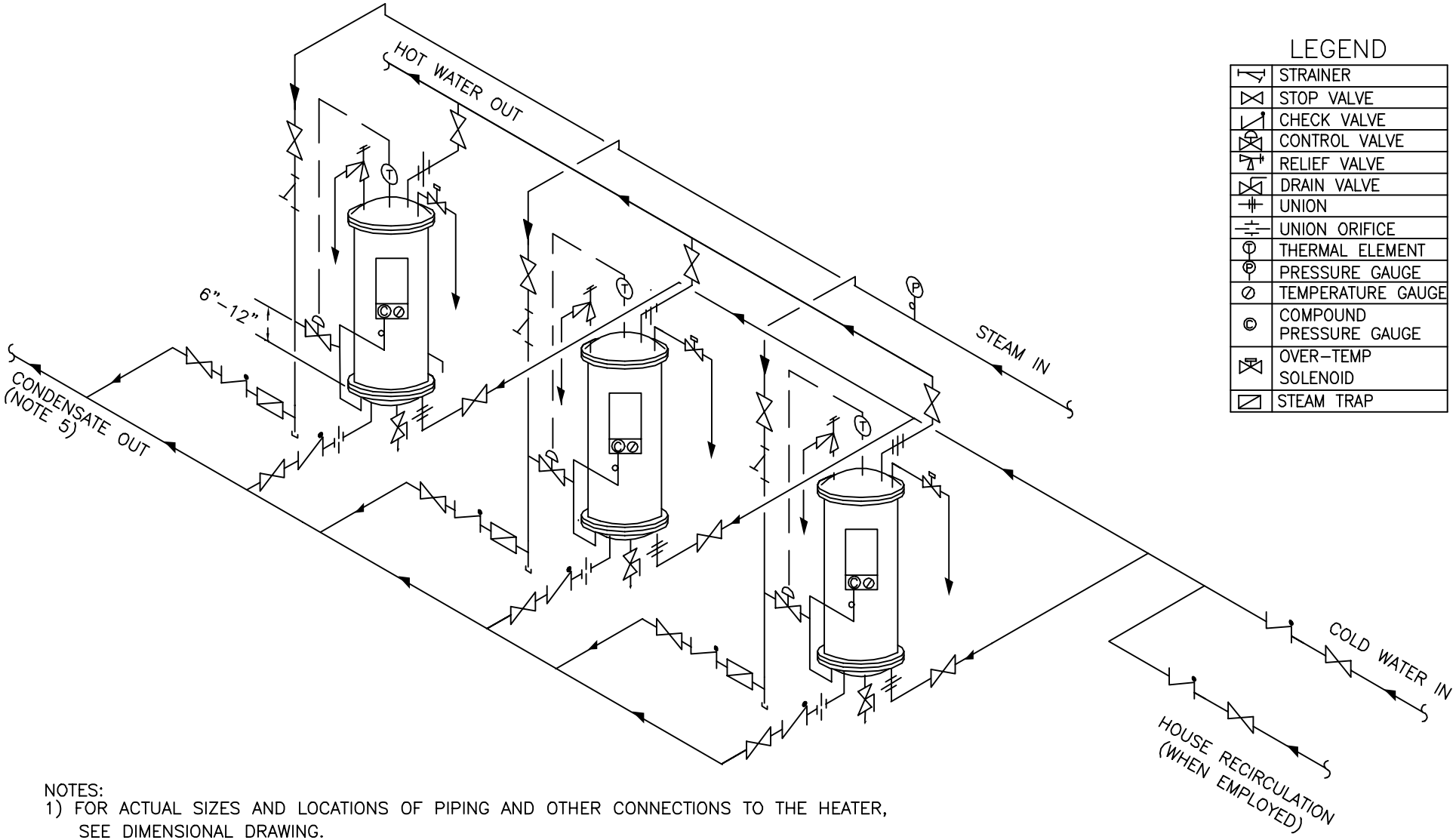


## LEGEND

| | |
|---|---|
| | STRAINER |
| | STOP VALVE |
| | CHECK VALVE |
| | CONTROL VALVE |
| | RELIEF VALVE |
| | DRAIN VALVE |
| | UNION |
| | UNION ORIFICE |
| | THERMAL ELEMENT |
| | PRESSURE GAUGE |
| | TEMPERATURE GAUGE |
| | COMPOUND PRESSURE GAUGE |
| | OVER–TEMP SOLENOID |
| | STEAM TRAP |

NOTES:

1) FOR ACTUAL SIZES AND LOCATIONS OF PIPING AND OTHER CONNECTIONS TO THE HEATER, SEE DIMENSIONAL DRAWING.
2) PIPING TO THE UPPER HEATER HEAD SHOULD BE PROVIDED WITH UNIONS OR FLANGES WHICH ARE LOCATED BEYOND THE OUTSIDE DIAMETER OF THE HEAD TO PERMIT REMOVAL OF THE HEAD AND SHELL.
3) THE CONTROL VALVE SHOULD BE LOCATED 6" TO 12" ABOVE THE LOWER HEAD FLANGE. THE PIPING BETWEEN THE VALVE AND HEATER CONNECTION SHOULD BE AS SHORT AS POSSIBLE.
4) REDUCERS, ON THE WATER INLET SIDE, SHOULD BE LOCATED ADJACENT TO THE HEATER. EXPANSION FITTINGS, ON THE WATER INLET SIDE, SHOULD BE LOCATED AS FAR AS POSSIBLE FROM THE HEATER.
5) CONDENSATE RETURN PIPING SHOULD BE ARRANGED TO PERMIT THE CONDENSATE TO DRAIN FREELY, BY GRAVITY, FROM THE LOWER HEATER HEAD.
6) DRAIN VALVE SHOULD BE PIPED DIRECTLY TO A FLOOR DRAIN. RELIEF VALVE & OVER–TEMP SOLENOID VALVE SHOULD BE PIPED VERTICALLY TO A HEIGHT 19" ABOVE THE FLOOR.
7) HEATERS SHOULD BE PIPED REVERSE RETURN OR BALANCING DEVICES ON THE OUTLETS SHOULD BE EMPLOYED.

AERCO INTERNATIONAL, INC.
NORTHVALE, NJ 07647

SW1A+, SW1B+, OR B+ WATER WIZARD
STEAM TO WATER HEAT EXCHANGER
MULTIPLE UNIT INSTALLATION

DWN.BY SCD DATE 112398
SCALE NTS
APPD. MPC DATE 122298

SD–A–327

REV. D