

NOTES TO A/E:

1. IN MANY CASES THE STEAM PRV STATION MAY BE DELETED. DISCUSS WITH F & S ENGINEERING.
2. FOR SMALL HEAT EXCHANGERS IT MAY BE ADEQUATE TO PROVIDE A SINGLE CONTROL VALVE WITH BYPASS GLOBE VALVE IN LIEU OF TWO CONTROL VALVES. DISCUSS WITH F & S ENGINEERING.
3. FOR LARGE SYSTEMS REDUNDANT HEAT EXCHANGERS SHALL BE PROVIDED.
4. FOR CRITICAL SYSTEMS REDUNDANT TRAPS SHALL BE PROVIDED.

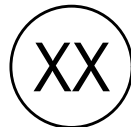
GENERAL NOTES:

1. ALL THREADED NIPPLES TO BE SCH. 80.
2. ALL COND. RETURN PIPING TO BE SCH. 80.

KEYED NOTES:

- 1 PROVIDE WELDED CONNECTIONS UP TO AND INCLUDING EACH VALVE (MAIN STEAM SUPPLY, WARM-UP, CONDENSATE AND BLOWDOWN)
- 2 PROVIDE ADEQUATELY SIZED DRIP LEG FULL PIPE SIZE FOR 4" MAINS AND SMALLER. 4" PIPE SIZE MINIMUM FOR 6" MAINS. 1/2" MAIN PIPE SIZE MINIMUM FOR 8" MAINS AND LARGER.

FLOW DIAGRAM - STEAM HEATING SYSTEM



NOT TO SCALE

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FLOW DIAGRAM - STEAM HEATING SYSTEM

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN FACILITIES STANDARDS