FLOWS DIAGRAM - STEAM HEATING SYSTEM

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 ADAPTED 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.
   EXTEND PIPING TO HUMIDIFIER AND/OR PROCESS EQUIPMENT AS APPLICABLE.

NOT TO SCALE

1" WARM-UP LINE WITH GLOBE VALVE
BUILDING SHUT-OFF VALVE, TRIPLE OFFSET BUTTERFLY VALVE WITH WELDED CONNECTIONS, LOCATE NEAR BLDG. WALL PENCATION.

BUILDING SHUT-OFF VALVE - LOCATE NEAR BLDG. WALL PENCATION.

TEES AND SHUTOFF VALVE FOR TESTING TRAP (TYP.)

INVERTED BUCKET TRAP (TYP.)

PUMPED CONDENSATE

CONDENSATE RETURN UNIT AND METER STATION - SEE DWG. 23 22 00-2

DOMESTIC WATER HEATER, INCLUDING CONTROL VALVE & TRAP

HEAT EXCHANGER - RETREAT SYSTEM

VACUUM BREAKER (TYP.)

NPS 1 - WARM-UP LINE WITH GLOBE VALVE

NPS 1 - WARM-UP LINE WITH GLOBE VALVE

FULL SIZE TEES AND NPS LPS

1 1/2" BLOW DOWN - EXTEND TO FLOOR DRAIN

INVERTED BUCKET TRAP (TYP.)

3/4" TRAP TEST VALVE (TYP.)