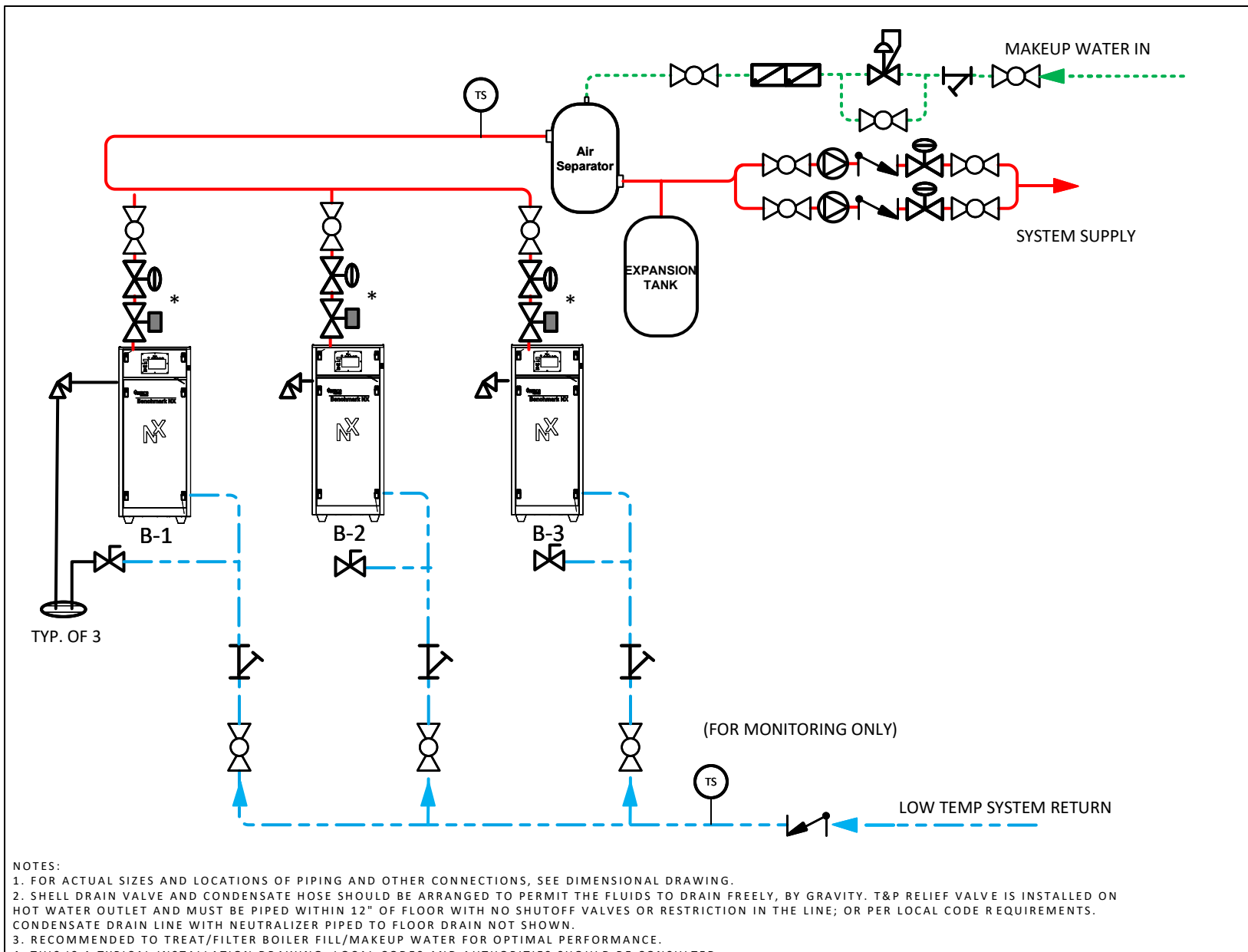




| Pipe Temp. | Line Type |
|------------|-----------|
| CWR        |           |
| HWS        |           |
| BWS        |           |

|  |                             |
|--|-----------------------------|
|  | Ball Valve                  |
|  | Check Valve                 |
|  | Drain Valve                 |
|  | Strainer                    |
|  | Pump                        |
|  | Backflow Preventer          |
|  | Pressure Reducing Valve     |
|  | Pressure Relief Valve       |
|  | Floor Drain                 |
|  | Temperature Sensor          |
|  | Balancing Valve             |
|  | Motorized/ Sequencing Valve |

- NOTES:
1. FOR ACTUAL SIZES AND LOCATIONS OF PIPING AND OTHER CONNECTIONS, SEE DIMENSIONAL DRAWING.
  2. SHELL DRAIN VALVE AND CONDENSATE HOSE SHOULD BE ARRANGED TO PERMIT THE FLUIDS TO DRAIN FREELY, BY GRAVITY. T&P RELIEF VALVE IS INSTALLED ON HOT WATER OUTLET AND MUST BE PIPED WITHIN 12" OF FLOOR WITH NO SHUTOFF VALVES OR RESTRICTION IN THE LINE; OR PER LOCAL CODE REQUIREMENTS. CONDENSATE DRAIN LINE WITH NEUTRALIZER PIPED TO FLOOR DRAIN NOT SHOWN.
  3. RECOMMENDED TO TREAT/FILTER BOILER FILL/MAKEUP WATER FOR OPTIMAL PERFORMANCE.
  4. THIS IS A TYPICAL INSTALLATION DRAWING. LOCAL CODES AND AUTHORITIES SHOULD BE CONSULTED.
  5. LOCATE WATER INLET AND OUTLET FITTINGS (I.E. UNIONS, ELBOWS, ETC.) A MINIMUM OF 6" FROM UNIT CONNECTIONS, 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.
  6. WHEN USING A 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 4" OR HIGHER ABOVE THE FLOOR.
  7. REFER TO INSTALLATION MANUAL FOR AIR, GAS, AND CONDENSATE CONNECTIONS.
  8. SEE CLEARANCE DIAGRAMS FOR APPROXIMATE INSTALLED FOOTPRINT WIDTH AND DEPTH.
  9. THE FOLLOWING COMPONENTS SHALL BE FIELD SOURCED: CHECK VALVES, STRAINERS, BALL VALVES, BALANCING VALVES, PUMPS, EXPANSION TANK, BACKFLOW PREVENTER.
  10. ALL (\*) COMPONENTS ARE OPTIONAL FOR INSTALLATION UNLESS OTHERWISE STATED PER LOCAL CODE REQUIREMENTS.
  11. USE OF BALANCING VALVES IS RECOMMENDED IF THE PIPING ARRANGEMENT IS NOT REVERSE RETURN.
  12. IF BST IS USED, HEADER SENSOR MUST BE INSTALLED BETWEEN 2 TO 10 FEET FROM PIPE JUNCTION. RETURN HEADER SENSOR IS OPTIONAL.



Blauvelt, NY 10913

BENCHMARK NX – MULTI UNIT, PRIMARY VARIABLE

|             |        |           |      |
|-------------|--------|-----------|------|
| DRWN BY.    | DATE   | DWG. NO:  | REV. |
| CSC         | 082026 | SD-A-1401 | A    |
| Page 1 of 1 |        |           |      |