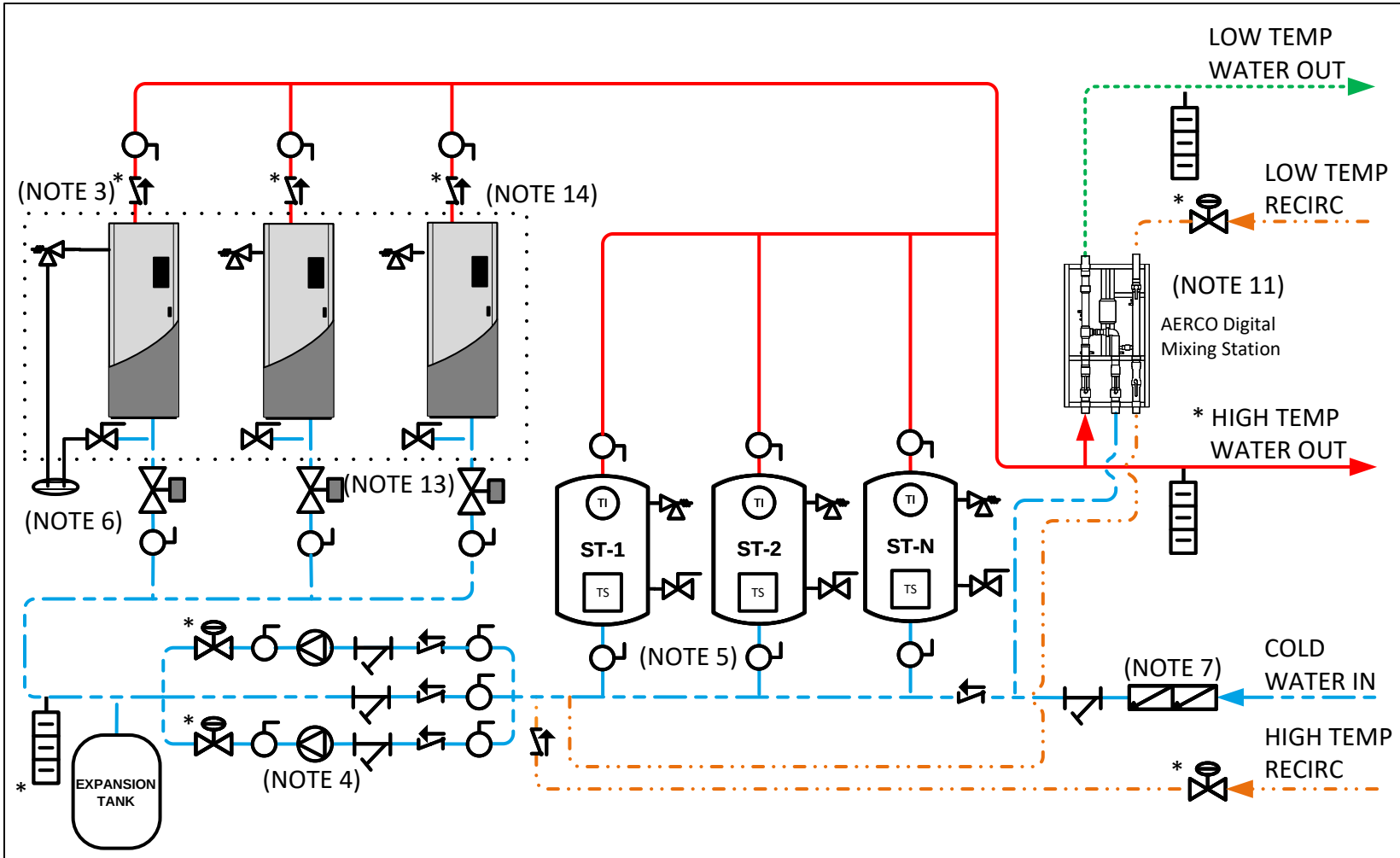

Pipe Temp.	Line Type
CW	
HW	
Recirc	
Tempered	

- Ball Valve
- Check Valve
- Drain Valve
- Strainer
- Pump
- TS Temperature Switch
- TI Temperature Indicator
- Thermometer
- Backflow Preventer
- Balancing Valve Circuit Setter
- T&P Relief Valve
- Floor Drain
- Motorized Valve

NOTES:
1. FOR ACTUAL SIZES AND LOCATIONS OF PIPING AND OTHER CONNECTIONS TO THE HEATER, SEE DIMENSIONAL DRAWING.
2. THIS IS A TYPICAL INSTALLATION DRAWING. LOCAL CODES AND AUTHORITIES SHOULD BE CONSULTED.
3. LOCATE WATER INLET AND OUTLET FITTINGS (i.e. UNIONS, ELBOWS, ETC.) A MINIMUM OF 6" FROM WATER HEATER FITTINGS, TO PREVENT INTERFERENCE WITH REMOVAL OF HEATER PANELS.
4. PUMP SHOULD BE CAPABLE OF HEATER'S RATED FLOW AT DESIGN TEMPERATURE RISE.
5. MOUNT TEMPERATURE SWITCH 1/3 UP FROM THE BOTTOM OF THE TANK, SWITCH WILL TURN PUMP ON AND OFF. TANK HEIGHT TO DIA RATIO: 2:1 MIN, 3:1 PREFERRED. STORAGE TANK MUST INCLUDE EITHER AN INLET DISPERSION TUBE OR INLET BAFFLE TO ENSURE STRATIFICATION. WHEN REQUIRED BY LOCAL CODES, A VACUUM BREAKER MUST BE INSTALLED WITH THE STORAGE TANK. CONSULT LOCAL CODES FOR PROPER TYPE OF CONNECTIONS TO STORAGE TANK.
6. PIPE T&P VALVE TO WITHIN 6" OF DRAIN 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. DUPLICATE REQUIRED PIPING FOR HEATER(S) AND STORAGE TANK(S).
7. IF PERMITTED BY LOCAL CODES, A CHECK VALVE MAY BE USED IN PLACE OF A BACKFLOW PREVENTER.
8. REFER TO INSTALLATION CHAPTER OF OMM-0143 FOR AIR, GAS, AND CONDENSATE CONNECTIONS.
9. ALL (*) COMPONENTS ARE OPTIONAL FOR INSTALLATION UNLESS OTHERWISE STATED PER LOCAL CODE REQUIREMENTS.
10. THE FOLLOWING COMPONENTS SHALL BE FIELD SOURCED: CHECK VALVES, STRAINERS, BALL VALVES, BALANCING VALVES, PUMPS, TEMPERATURE SENSORS, EXPANSION TANK, BACKFLOW PREVENTER.
11. BUILDING RECIRC PUMP DETERMINED BY PLUMBING ENGINEER AND MINIMUM FLOW VARIES BY DIGITEMP MODEL.
12. HEATERS SHOULD BE PIPED REVERSE RETURN AS SHOWN OR BALANCING DEVICES ON THE OUTLETS OF THE HEATERS SHOULD BE EMPLOYED.
13. MOTORIZED/SEQUENCING VALVE WIRED INTO EACH UNIT'S INPUT/OUTPUT BOX CONNECT "AOUT" PER DRAWING SD-A-878.
14. SEE CLEARANCE DIAGRAMS FOR APPROXIMATE INSTALLED FOOTPRINT WIDTH AND DEPTH.

AERCO — Blauvelt, NY 10913

INNOVATION – MULT UNIT, MULTI STRAT STORAGE TANK, ADMS, SEQUENCING VALVES

DRWN BY.	DATE	DWG. NO:	REV.
AK	083123	SD-A-1333 Page 1 of 1	A