YOUR APPLICATION AND UPDATE DETAIL ACCORDINGLY.

CONSIDER IF AN AUTOMATED VALVE IS REQUIRED ON THE CWR TO EACH TOWER FOR BASIN HEATERS OR HEAT TRACING.

DETAIL ACCORDINGLY. TOWERS DRAINED SEASONALLY TYPICALLY DON'T REQUIRE YEAR AROUND. REVIEW EXTENT REQUIRED FOR YOUR SPECIFIC PROJECT AND REVISE.

DETAIL SHOWS BASIN HEATERS AND HEAT TRACE TYPICAL FOR A TOWER OPERATING PROXIMITY TO ONE ANOTHER.

IN AN EASILY ACCESSIBLE LOCATION. LOCATE VALVES ON PLAN VIEW IN CLOSE POINT JUST BELOW THE ROOF LINE. ASSURE VALVES BELOW ROOF ARE LOCATED & CWR ISOLATION VALVES AND DRAINS SO THAT TOWERS CAN BE DRAINED TO A WHEN THE INTENT IS TO DRAIN THE CELLS DOWN IN WINTER, LOCATE NPW, CWS APPLICABLE TO PROJECT; REVISING OTHER PIPING ACCORDINGLY.

REVISE DETAIL TO MAKE IT PROJECT SPECIFIC, E.G. NUMBER OF TOWERS CELLS DESIGNER NOTES:

1.
2.
3.
4.

COOLING TOWER SCHEMATIC

NOTE:

1. TO CITY OF ANN ARBOR COOLING TOWER MAKE-UP METER.
2. PROVIDE ELECTRIC HEAT TRACE WHERE INDICATED BY DASHED LINE.
3. PITCH CWS AND CWR HEADER BACK TO HEADER ISOLATION VALVE. PROVIDE 3/4" DRAIN ON HEADERS.
4. LOCATE VALVE IMMEDIATELY AT BASIN CONNECTION (TYPICAL).
5. TO CITY OF ANN ARBOR SLOW DRAIN METER.
6. CONNECT TO COOLING TOWER HOT WATER BASIN DISTRIBUTION PIPING (TYPICAL).

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