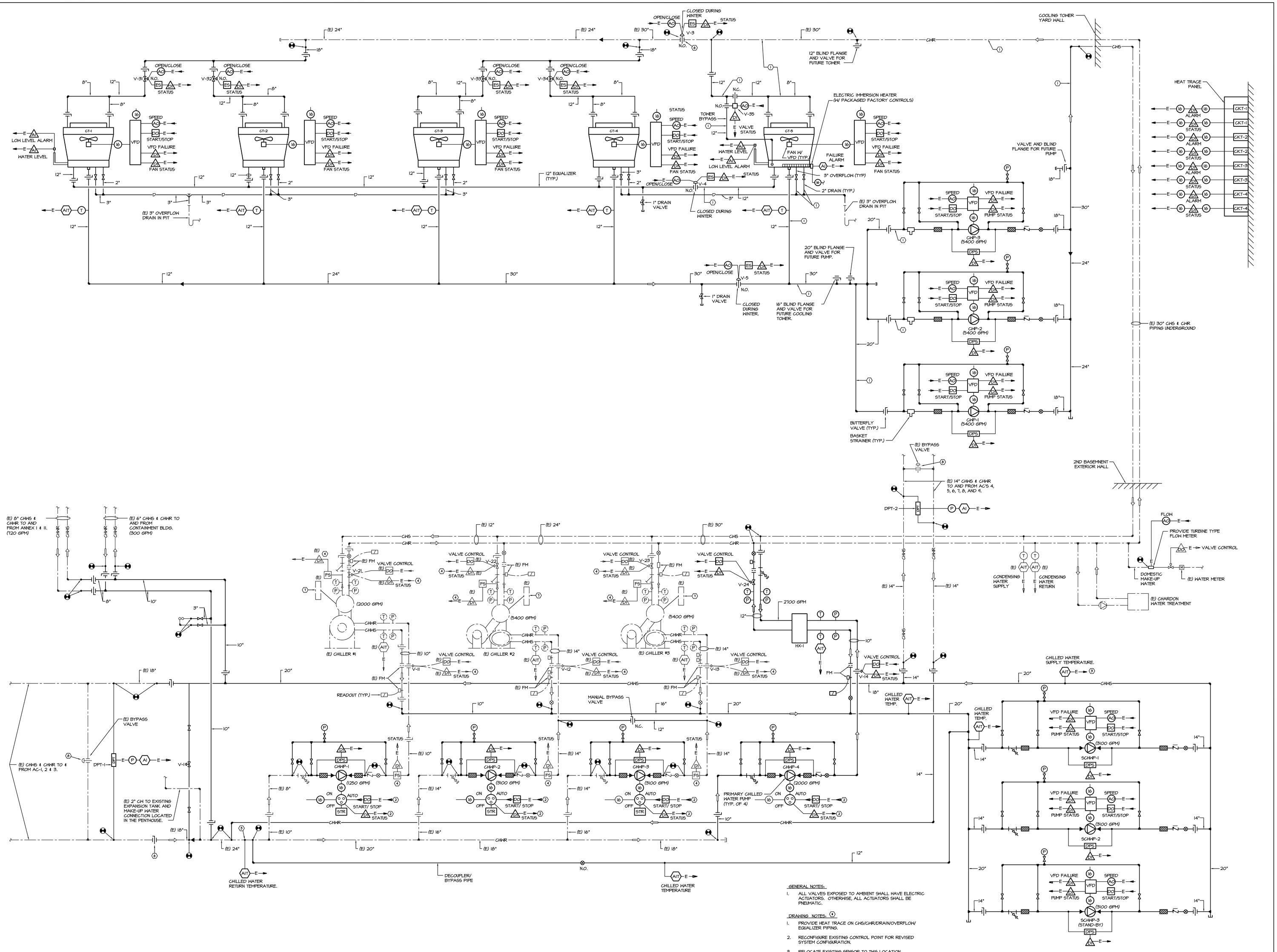

1 CHILLED WATER PIPING AND CONTROLS DIAGRAM

SCALE: N.T.S.

GENERAL NOTES:

1. ALL VALVES EXPOSED TO AMBIENT SHALL HAVE ELECTRIC ACTUATORS. OTHERWISE, ALL ACTUATORS SHALL BE PNEUMATIC.

DRAWING NOTES:

1. PROVIDE HEAT TRACE ON CHS/CHR/DRAIN/OVERFLOW/ EQUALIZER PIPING.
2. RECONFIGURE EXISTING CONTROL POINT FOR REVISED SYSTEM CONFIGURATION.
3. RELOCATE EXISTING SENSOR TO THIS LOCATION.
4. INTERLOCK WITH THE CHILLER STARTUP CIRCUIT.
5. ALL OTHER EXISTING MONITORING AND CONTROL POINTS ASSOCIATED WITH THE EXISTING CHILLERS SHALL REMAIN IN OPERATION.
6. PROVIDE VALVE IN EXISTING PIPING.
7. REFER TO SPECIFICATIONS FOR CHILLER CONTROL AND MONITORING POINTS.
8. CLOSE EXISTING BY-PASS VALVE AND LOCK IN THE CLOSED POSITION. REMOVE ACTUATOR AND ALL ASSOCIATED CONTROLS.

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Plot Scale: 1:1
Plot Style: Monochrome

Andrew W. Breidenbach Environmental Research Center

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1100 Wilson Blvd., Suite 2900, Arlington, Virginia 22209 703.907.2300

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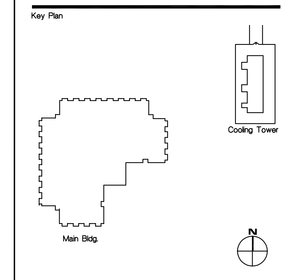
COOLING TOWER REPLACEMENT

Final Submission
August 16, 2004

Key Plan



No.	Revisions	Date

Drawing Title:
PIPING AND CONTROL DIAGRAM

Issue Date:
Drawn by: E.R.A. Checked by: T.R.
Project No: 02414.01 Scale: NONE
Drawing No:

M501

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