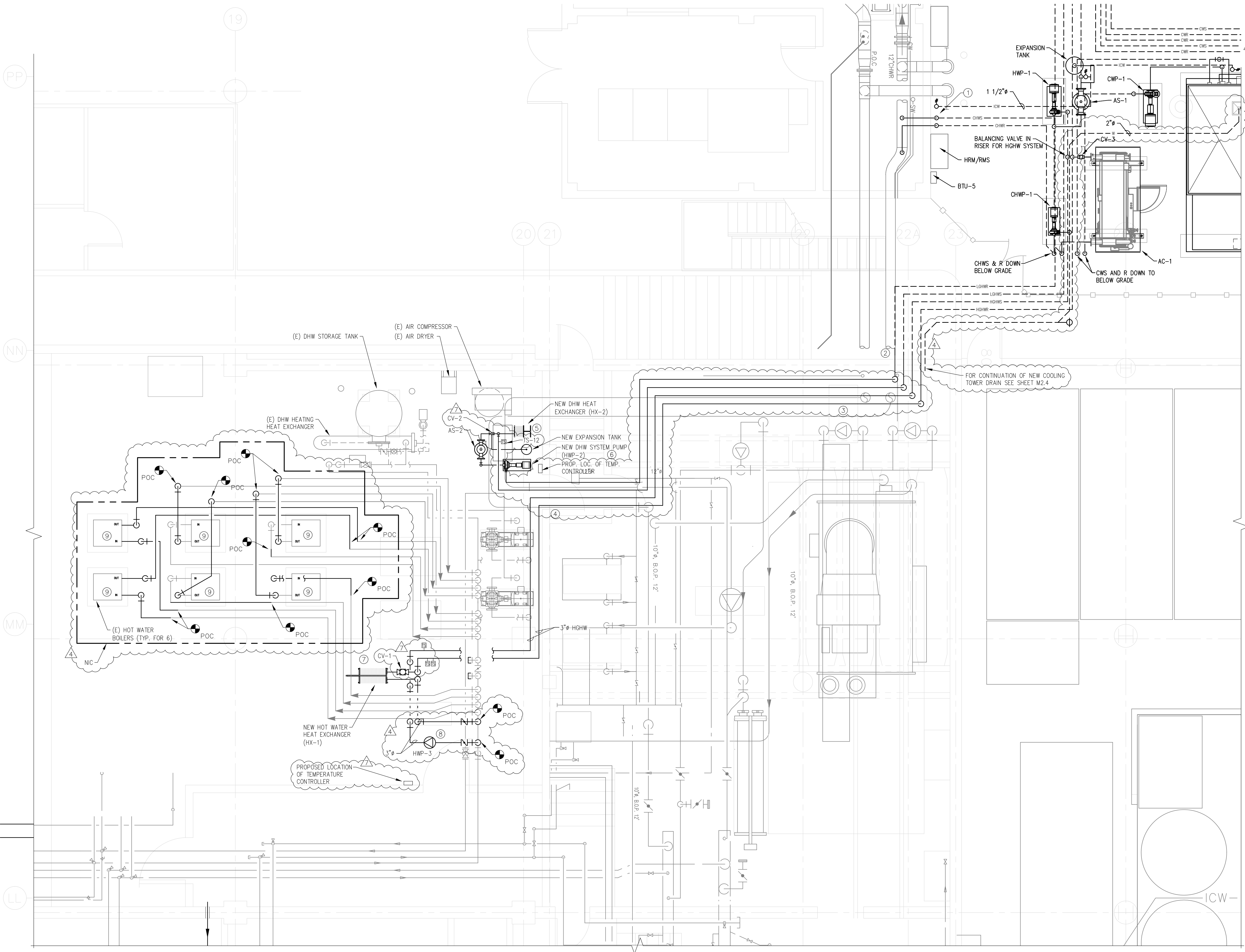


SHEET NOTES:

- 1 NEW CHILLED WATER PIPING TO/FROM FUEL ABSORPTION CHILLER ROUTED OUT OF GROUND UP ALONG OUTSIDE OF CENTRAL PLANT WALL. PENETRATE CENTRAL PLANT WALL AT APPROXIMATELY 15 FEET ABOVE GRADE.
- 2 ROUTE LOW GRADE AND HIGH GRADE HOT WATER TO AVOID (E) UTILITIES AND RUN TO SERVICE BUILDING B. PENETRATE EXTERIOR WALL BELOW GRADE AND ROUTE PIPING AS CLOSE TO CEILING AS POSSIBLE IN CHILLER ROOM TO BOILER ROOM.
- 3 ROUTE LOW GRADE AND HIGH GRADE HOT WATER THROUGH CHILLER ROOM.
- 4 LOW GRADE & HIGH GRADE HOT WATER PIPES PENETRATING WALL OF MECHANICAL ROOM.
- 5 NEW DOMESTIC HOT WATER/LOW GRADE HOT WATER HEAT EXCHANGER;
- 6 NEW LOW GRADE HOT WATER CIRCULATION PUMP;
- 7 NEW HEATING HOT WATER/HIGH GRADE HOT WATER HEAT EXCHANGER LOCATED IN THE SAME LOCATION AS AN EXISTING TO BE REMOVED SHELL AND TUBE HEAT EXCHANGER;
- 8 INSTALL NEW CIRCULATION PUMP TO PULL SIDE STREAM OF 150 GPM OF WATER FROM MAIN HEATING HOT WATER RETURN PIPING FOR HIGH GRADE HEATING HOT WATER THERMAL ENERGY TRANSFER.
- 9 RECONFIGURE THE HOT WATER TO/FROM THE EXISTING SIX BOILERS TO IMPROVE THE OVERALL OPERATION OF THE EXISTING BOILER SYSTEMS AND TO ELIMINATE HOT WATER FROM THE BOILERS TO BE PLACED BACK INTO THE SUPPLY HEADER UP STREAM OF THE BOILER FEED LINES. (TYPICAL FOR ALL SIX BOILERS); NOT IN SCOPE OF WORK FOR UTC POWER AND SHALL BE PERFORMED BY CBS STUDIOS.



**CBS TELEVISION CITY
FUEL CELL INSTALLATION PROJECT**

ID	DATE	REMARKS
1	7/02/12	PRELIMINARY DESIGN REVIEW
2	8/20/12	PLAN CHECK
3	9/14/12	BD CLARIFICATIONS
4	9/19/12	UTC RECOMMENDED CORRECTIONS
5	9/25/12	UTC COMMENTS/REVISIONS
6	11/15/12	PLAN CHECK CORRECTIONS
7	12/10/12	FIELD CLARIFICATIONS

ENGR:	WTB
DRWN BY:	KAP
CHK'D BY:	WTB
DATE:	9/19/12
JOB NO.:	12-010
SCALE:	AS NOTED



PARTIAL SERVICE BUILDING B GROUND FLOOR MECHANICAL PLAN
SCALE: 1/4" = 1' - 0"

SHEET
M2.2