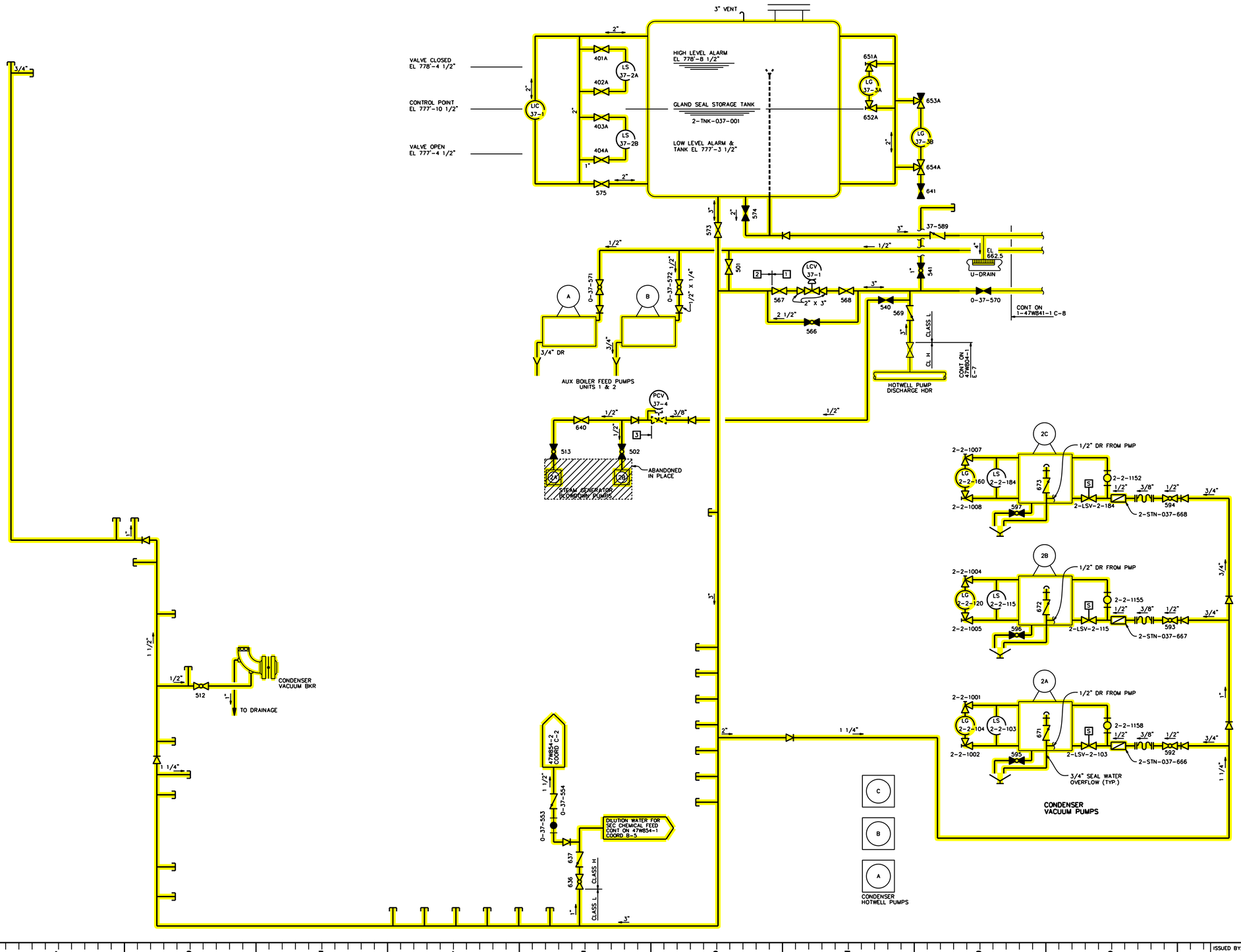
DESIGN PRESSURE & TEMPERATURE DATA		
LINE NO.	DESIGN PRESSURE (PSIG)	DESIGN TEMPERATURE (°F)
1	350	101
2	50	101
3	100	101



NOTES:

1. ALL VALVE NUMBERS ARE FOR SYSTEM 37 UNLESS OTHERWISE NOTED. ALL VALVES AND INSTRUMENT NUMBERS ARE FOR UNIT 2 UNLESS OTHERWISE NOTED. VALVES COMMON TO ALL UNITS ARE PREFIXED WITH A "0", 0-37-512.
2. ALL VALVES ARE THE SAME SIZE AS PIPE UNLESS OTHERWISE NOTED.
3. ALL INSTRUMENT CONNECTIONS ARE 1/2" UNLESS OTHERWISE NOTED.
4. DEMINERALIZED WATER SYSTEM TIE-IN IS FOR INITIAL SYSTEM FILL AND FLUSH ONLY. TO BE USED PRIOR TO UNIT 1 PRE-OP AND STARTUP.
5. GLAND SEAL SYSTEM IS TVA CLASS L.
6. [1] ETC., INDICATES LINE NUMBER FOR DESIGN PRESSURE & TEMPERATURE CORRESPONDING TO CHART ON THIS SHEET.
7. THE INSTALLATION OF FITTINGS (I.E. BLIND FLANGES, THREADED PIPE CAPS, PLUGS, NIPPLES, CHICAGO FITTINGS, ETC.) LOCATED DOWNSTREAM OF THE LAST DRAIN, TEST, VENT OR OTHER MISCELLANEOUS VALVES ARE NOT REQUIRED TO BE SHOWN ON THIS DRAWING SERIES. THE INSTALLATION, REMOVAL OR REPLACEMENT OF THESE FITTINGS WILL NOT HAVE AN ADVERSE IMPACT ON THE SYSTEM'S INTEGRITY AND THEREFORE IS OPTIONAL PROVIDED ONE OF THE FOLLOWING IS ADHERED TO: 1) REPLACEMENT FITTINGS ARE OF SIMILAR WEIGHT (SUCH AS REPLACING PIPE CAPS WITH CHICAGO FITTINGS), 2) THE DOWNSTREAM NIPPLE HAS A MAXIMUM LENGTH OF 6 INCHES AND THE ARRANGEMENT DOES NOT INCLUDE BLIND FLANGES, OR 3) THE MECHANICAL BRANCH VALVE CONNECTION ARRANGEMENT MEETS THE CRITERIA OF THE SEISMIC SUPPORT DRAWING 47B001-SERIES. THREADED TERMINAL FITTINGS ARE RECOMMENDED TO BE INSTALLED TO REDUCE THE POTENTIAL OF RADIATION EXPOSURE OR INJURY TO PERSONNEL, AND TO PROTECT FITTING THREADS FROM POTENTIAL DAMAGE. THIS CRITERIA IS APPLICABLE TO ALL TVA CLASS PIPING EXCEPT THE SECONDARY ISOLATION FITTINGS FOR TVA CLASS A PIPING AND CONTAINMENT ISOLATION BOUNDARY (TVA CLASS B) FITTINGS.

TVA REFERENCE DRAWINGS:

DRAWING NO.	TITLE
30B617	MECHANICAL FLOW AND CONTROL DIAGRAM SYMBOLS
47W610-34	MECHANICAL CONTROL DIAGRAM
47W447	COOLING WATER, GLAND SEAL AND VACUUM PRIMING
47W800	MAIN STEAM
47W804	CONDENSATE
47W805	HEATER DRAINS AND VENTS
47W854	SECONDARY CHEM FEED

✦ CHECK VALVES 37-612 THRU 37-635 ARE TO BE PLUGGED. GLAND SEAL WATER IS NO LONGER SUPPLIED TO THE STEAM DUMP VALVES.

COMPONENTS SUBJECT TO AMR

NSR AFFECTING SSCs AMM29

FLOW DIAGRAM GLAND SEAL WATER

SEQUOYAH NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
0	11-15-2012	.	.	.	.	.

REVISIONS

LRA-2-47W841-1

CAD FILE
2-47W841-1_22.DGN

ISSUED BY: N/A

CAD MAINTAINED DRAWING