



GENERAL NOTES

1. FEEDWATER HEATER DRAIN PIPING CONFIGURATION PER ASME TDP-1-2006.
2. CONDENSATE PUMP RECIRCULATION REQUIRES A SPARGER DESIGNED FOR 50 PSI BACK PRESSURE AT MINIMUM RECIRCULATION FLOW.
3. TURBINE BYPASS REQUIRES SPARGER DESIGNED FOR 150 PSI BACKPRESSURE AT BYPASS FLOW.
4. VAPOR SIDE PIPING LESS THAN 2" WILL BE SOCKET WELD CONNECTIONS. PIPING GREATER THAN 2" WILL BE WELD ENDS.
5. PIPED TO TRAYS BENEATH COOLING COILS.
6. LOCATED ON WATER BOX RETURNS. (FARSIDE NOT SHOWN FOR CLARITY.)
7. ALL TEMPERATURE, PRESSURE AND CONDUCTIVITY INSTRUMENTATION SUPPLIED BY CONTRACTOR.
8. PIPE CND-1103, 1106, 1108, 1112, 1115, 1117 TO COMMON LOCATION 18" ABOVE GRADE, AWAY FROM ELECTRICAL EQUIPMENT. PROTECT ADJACENT EQUIPMENT FROM WATER SPRAY.
9. PROVIDE 1"x1" MESH, 12 GAUGE OR GREATER SCREEN
10. ARV SUPPLIED BY VENDOR
11. THERMOWELLS TO BE INSTALLED IN CIRCULATING WATER INLET/OUTLET CONNECTIONS.
12. TEMPERATURE INSTRUMENT TO BE LOCATED 80" FROM TIE POINT MAL60/05.
13. POINTS WIRED TO SIEMENS PLC.
14. ADDITIONAL SPARE DRAIN NOZZLES INCLUDE NOZZLES SP1-SP6 AND LP1-LP4 (NOT SHOWN).

REFERENCE DRAWINGS

1. ANNOTATIONS, ABBREVIATIONS, ASSOCIATIONS PROCESS AND INSTRUMENTATION DIAGRAM MECHANICAL & INSTRUMENTATION SYMBOLOGY D014200-AAAM01001 SH01 AND SH02
2. SIEMENS DRAIN SYSTEM, DRAIN TANK (1CS0421006) M014200-STGD00007 SH01 RB1
3. SIEMENS CONDENSER SYSTEM (1CS0421004) M014200-STGD00005 SH01 RB1
4. HOLTEC GENERAL ARRANGEMENT DRAWING FOR STEAM SURFACE CONDENSER (8284-SH07 R6) M014200-CNDAA00001 S01 R6

2	ADDED INSULATION	7/20/12	TM	MC	MSR	TRP	CHKD	CHKD
1	REMOVED HOLS, ADDED LINES AND NOZZLE #S	5/29/12	MSR	TRP	DJR	HMS		
0	ISSUED FOR CONSTRUCTION (WITH HOLS)							
NO.	REVISION	DATE	DRWN	DSND	CHKD	CHKD		

Gainesville Renewable Energy Center
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GAINESVILLE RENEWABLE ENERGY CENTER
CONDENSER SYSTEM
PROCESS & INSTRUMENTATION DIAGRAM

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