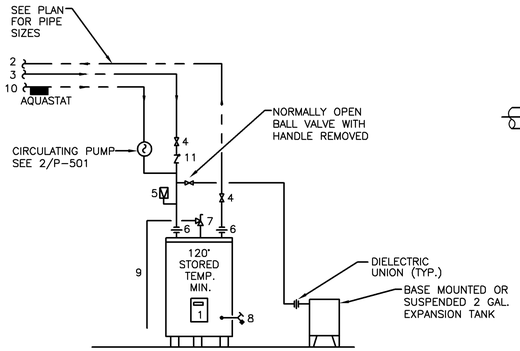
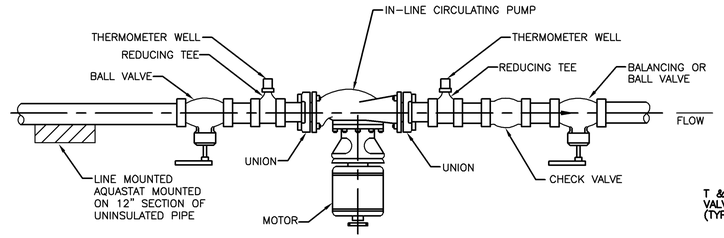


1. WATER HEATER
2. HOT WATER TO SYSTEM
3. COLD WATER SUPPLY
4. SHUT-OFF VALVE
5. VACUUM RELIEF VALVE
6. DIELECTRIC UNION
7. 3/4" PRESSURE AND TEMPERATURE RELIEF VALVE
8. DRAIN VALVE
9. RELIEF VALVE DISCHARGE PIPED FULL SIZE
10. HOT WATER RETURN
11. CHECK VALVE

1 P501P501 WATER HEATER DETAIL: WH-1
NOT TO SCALE



PLAN VIEW

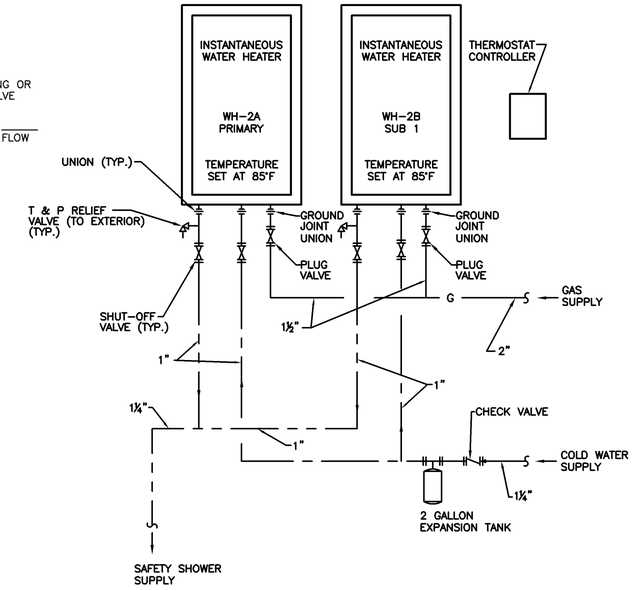
NOTES:

1. THERMOMETER WELLS SHALL BE TURNED SO AS AS TO BE ABLE TO BE USED STANDING AT FLOOR LEVEL, OR ON LADDER.
2. CIRCULATING PUMPS CONTROLLED BY AQUASTATS.

PUMP CONTROLS		
PUMP NO.	PUMP ON	PUMP OFF
HWC-1	110° F	120° F

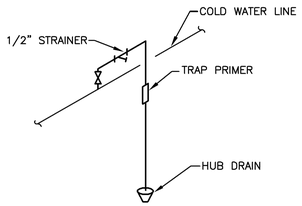
2 P501P501 IN-LINE CIRCULATING PUMP
NOT TO SCALE

REFER TO A-PLATES FOR MOUNTING HEIGHT.

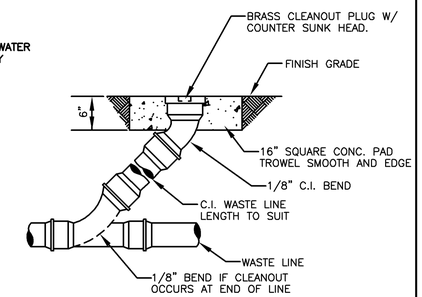


NOTE: ROUTE WATER HEATER EXHAUST TO EXTERIOR WALL.

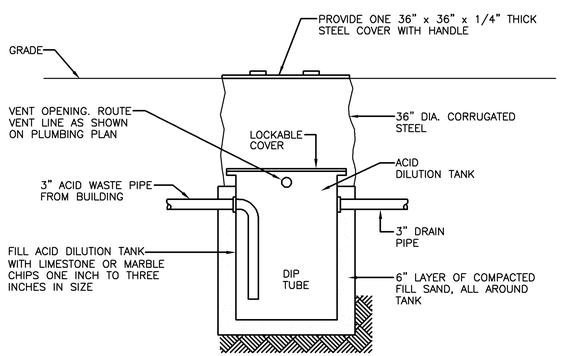
3 P501P501 INSTANTANEOUS WATER HEATER WH-2
NOT TO SCALE



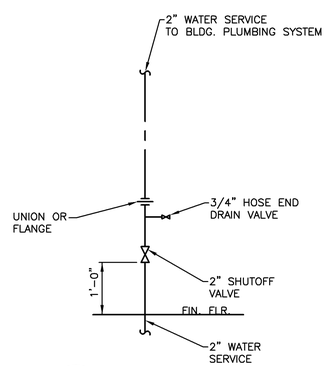
4 P501P501 TRAP PRIMER DETAIL
NOT TO SCALE



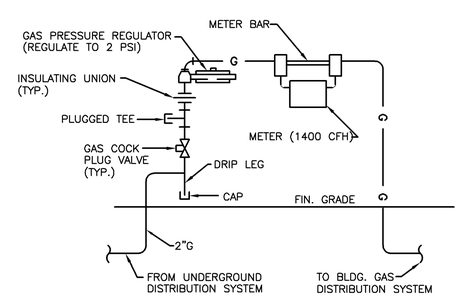
5 P501P501 GRADE CLEANOUT DETAIL
NOT TO SCALE



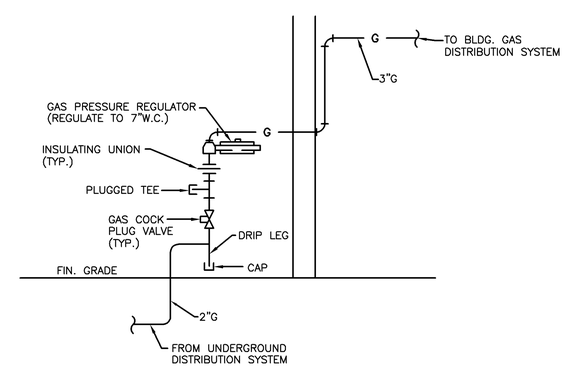
6 P501P501 ACID DILUTION TANK DETAIL
NOT TO SCALE



7 P501P501 WATER SERVICE RISER DETAIL
NOT TO SCALE



8 P501P501 GAS METER DETAIL
NOT TO SCALE



9 P501P501 GAS REGULATOR DETAIL
NOT TO SCALE

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

DESIGNED BY: JGB
DWN BY: JGB CKD BY: CGS
SUBMITTED BY:
FILE NAME: BRHP-501
SIZE: 24x22
PLOT SCALE: 1/8" = 1'-0"
DATE: 25 JAN 2010
SOLICITATION NO.: W912HN-09-R-0018
CONTRACT NO.:
CATEGORY CODE: 730-46-01
PLOT DATE:

U. S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH DISTRICT

LS3P ASSOCIATES LTD.
205 ½ KING STREET
CHARLESTON, SC. 29401

ALBRITTON JUNIOR HIGH SCHOOL ADDITION
FT BRAGG NORTH CAROLINA

PLUMBING DETAILS

PLATE REFERENCE NUMBER
P-501
SHEET 69