



PRESS REDUCING FILL VALVE
24-26 PSIG
MINIMUM
SYSTEM DESIGN TEMP.

MAKE UP WATER SUPPLY

FULL SIZE BYPASS

BACKFLOW PREVENTER

LOAD

NEUTRALIZER IF REQUIRED

CONDENSATE DRAIN

TO FLOOR DRAIN

BOILER #1

SUPPLY

AIR SEPARATOR

NEUTRALIZER IF REQUIRED

CONDENSATE DRAIN

TO FLOOR DRAIN

BOILER #2

EXPANSION TANK

AUX. PUMP

PRIMARY SYSTEM PUMPS
SIZED FOR
20°F - 100°F DELTA T
BASED ON FULL COMBINED
INPUT
(VARIABLE VOLUME)

1" PIPE TO FLOOR DRAIN

1" PIPE TO FLOOR DRAIN

RETURN

REVISION #0	
APPROVED BY INITIAL	DATE
ENGINEERING MANAGER	
REVISED BY	

BRYAN STEAM LLC
783 North Chili Avenue Peru, IN 46970

DWG. TITLE:
PRIMARY WITH DIRECT RETURN

DRAWN BY:	DATE:	SCALE:	DISK:	DWG. NO.:
SKN	08/15/13	NONE	FS	A21515