



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

MAKE UP WATER SUPPLY

FULL SIZE BYPASS

BACKFLOW PREVENTER

LOAD

NEUTRALIZER IF REQUIRED (NOTE #1)

CONDENSATE DRAIN

TO FLOOR DRAIN

BOILER #1

SUPPLY

AIR SEPARATOR

NEUTRALIZER IF REQUIRED (NOTE #1)

CONDENSATE DRAIN

TO FLOOR DRAIN

BOILER #2

EXPANSION TANK

AUX. PUMP

1" PIPE TO FLOOR DRAIN

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

RETURN

1" PIPE TO FLOOR DRAIN

NOTES:
1.) TRIPLE-FLEX & CONDENSING BOILERS ONLY.

REVISION #1	
APPROVED BY	DATE
INITIAL	
ENGINEERING MANAGER	
REVISED BY	

BRYAN STEAM
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DWG. TITLE: PRIMARY WITH DIRECT RETURN

DRAWN BY:	DATE:	SCALE:	DISK:	DWG. NO.:	FORM. NO.:
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