SYSTEM PUMP (VARIABLE VOLUME)

NEUTRALIZER IF REQUIRED (NOTE #1)
CONDENSATE DRAIN

TO FLOOR DRAIN

1" PIPE TO FLOOR DRAIN

PRIMARY BOILER PUMP
SIZED FOR 20°F - 40° DELTA T
BASED ON FULL INPUT
(CONSTANT VOLUME)

SECONDARY LOOP

AIR SEPARATOR
PRESS REDUCING FILL VALVE

MAKE UP WATER SUPPLY

FULL SIZE BYPASS

BACKFLOW PREVENTER

EXPANSION TANK

NOTES:
1) TRIPLE-FLEX & CONDENSING BOILERS ONLY

BRYAN STEAM LLC
783 North Chili Avenue Peru, IN 46970

SINGLE WATER BOILER
WITH HYDRAULIC SEPARATION
PRIMARY/SECONDARY

DRAWN BY
CHECKED BY
APPROVED BY
DATE
SCALE
ENG.
REV.
DRAWING NO.

SKN 10/15/14 NONE FS A21520 2422