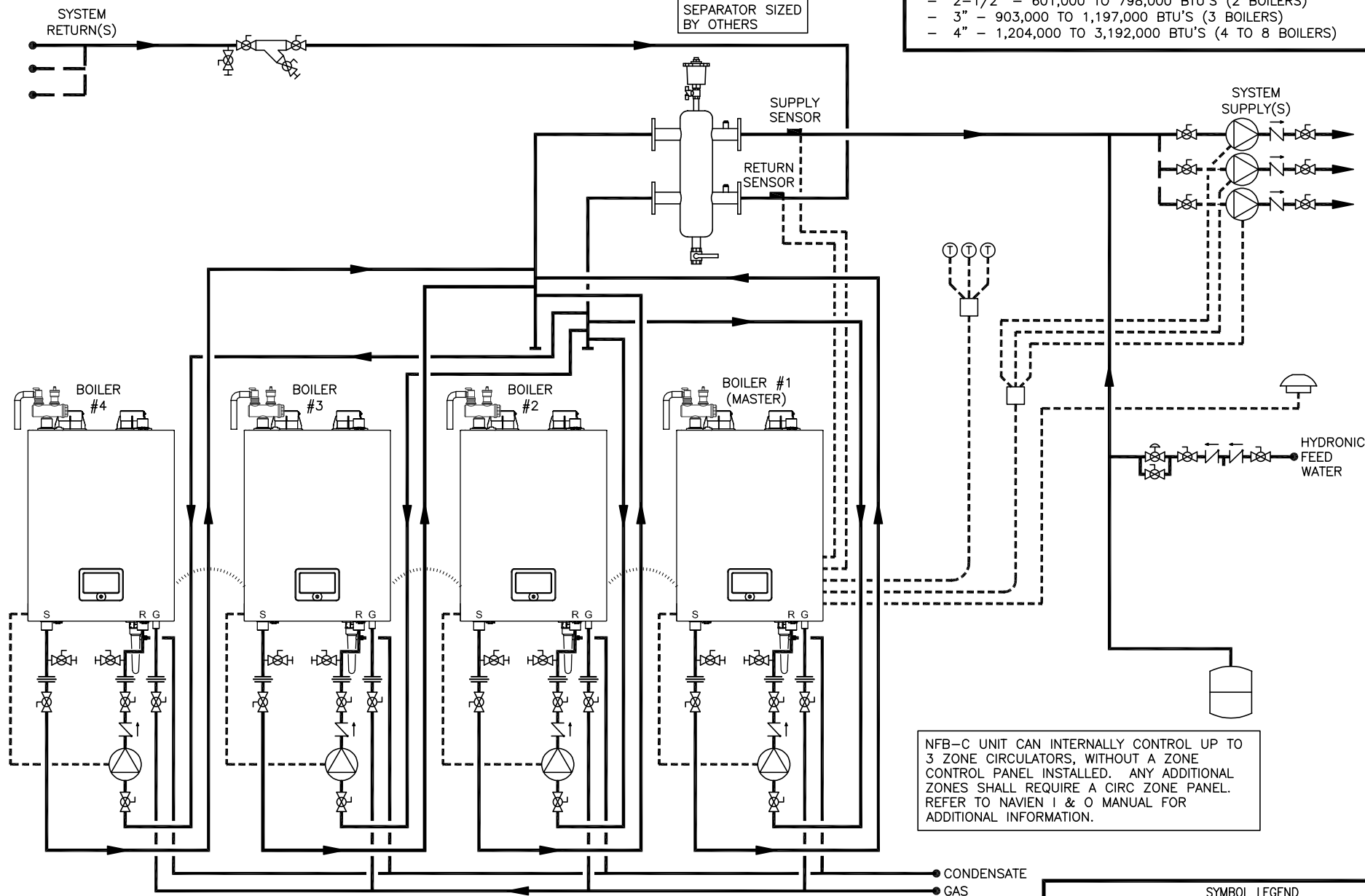


THIS DRAWING IS INTENDED ONLY AS A GUIDE AND NOT AS A REPLACEMENT FOR PROFESSIONALLY ENGINEERED PROJECT DRAWINGS. THIS CONCEPT SYSTEM DRAWING DOES NOT IMPLY COMPLIANCE WITH LOCAL BUILDING CODES. ACTUAL INSTALLATION MAY VARY DEPENDING ON INSTALLATION LOCATION AND PARAMETERS AND IT MUST BE DONE IN ACCORDANCE TO ALL LOCAL BUILDING CODES. VERIFY WITH LOCAL BUILDINGS OFFICIALS BEFORE COMMENCEMENT OF SYSTEM INSTALLATION. CHANGES OR MODIFICATIONS TO PIPING OR DESIGN IS NOT TO BE PERFORMED WITHOUT EXPRESSED WRITTEN PERMISSION BY NAVIEN, INC.

NOTE:
HYDRAULIC
SEPARATOR SIZED
BY OTHERS

RECOMMENDED SYSTEM & HEADER PIPE SIZES – TOTAL BTU (>4 FT/SEC.)

- 1-1/2" – UP TO 301,000 BTU'S (1 BOILER)
- 2" – 399,000 BTU'S (1 BOILER)
- 2-1/2" – 601,000 TO 798,000 BTU'S (2 BOILERS)
- 3" – 903,000 TO 1,197,000 BTU'S (3 BOILERS)
- 4" – 1,204,000 TO 3,192,000 BTU'S (4 TO 8 BOILERS)



SYMBOL LEGEND			
	BACKFLOW PREVENTER		CHECK VALVE
	FULL-PORT VALVE		EXPANSION TANK
	CONTROL WIRING		PRESSURE RELIEF VALVE
	CONDENSATE TRAP		AIR ELIMINATION
	OUTDOOR TEMPERATURE SENSOR		CASCADE CABLE
	WYE STRAINER W/ BLOWDOWN		BOILER RELIEF VALVE
	UNION		BALL DRAIN VALVE
	HYDRAULIC SEPARATOR		PRESSURE REDUCING VALVE
	CIRCULATOR		THERMOSTAT
	BALL DRAIN VALVE		PRESSURE REDUCING VALVE



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INCLUDES MODELS NFB-301C, 399C

DRAWN BY:

S. STOEKE

NFB-C-4-ZC-MULT-I-HS

DECEMBER 9, 2021