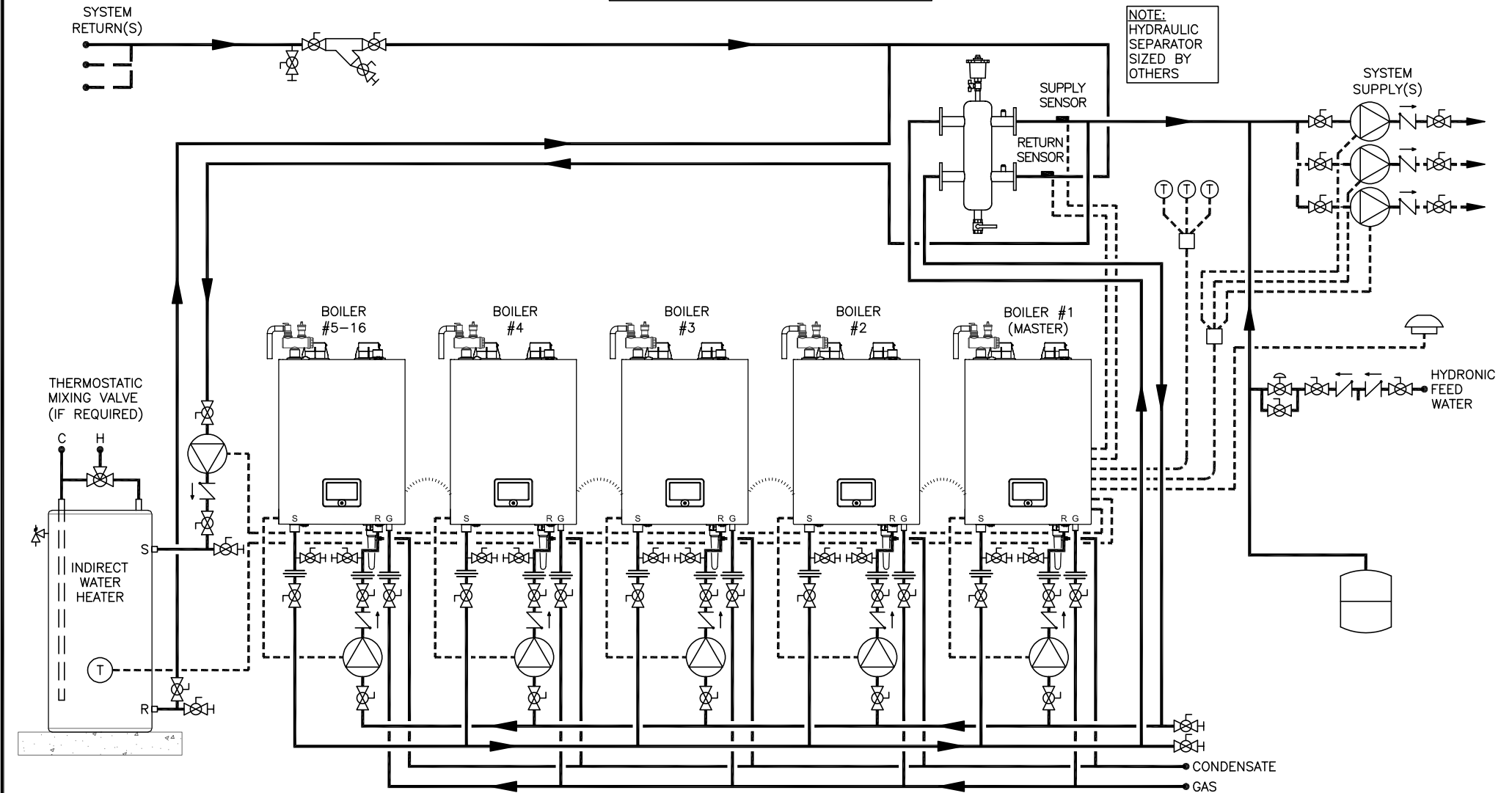


THIS DRAWING IS INTENDED ONLY AS A GUIDE AND NOT AS A REPLACEMENT FOR PROFESSIONALLY ENGINEERED PROJECT DRAWINGS. THIS CONCEPT SYSTEM DRAWING DOES NOT IMPLY COMPLIANCE WITH LOCAL BUILDING CODES. ACTUAL INSTALLATION MAY VARY DEPENDING ON INSTALLATION LOCATION AND PARAMETERS AND IT MUST BE DONE IN ACCORDANCE 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.

NFB-C UNIT CAN INTERNALLY CONTROL UP TO 3 ZONE CIRCULATORS, WITHOUT A ZONE CONTROL PANEL INSTALLED. ANY ADDITIONAL ZONES SHALL REQUIRE A CIRC ZONE PANEL. REFER TO NAVIEN I & O MANUAL FOR ADDITIONAL INFORMATION.

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		CIRCULATOR
	THERMOSTAT		CONDENSATE TRAP
	PRESSURE RELIEF VALVE		AIR ELIMINATION
	OUTDOOR TEMPERATURE SENSOR		UNION
	BALL DRAIN VALVE		MIXING VALVE
	WYE STRAINER W/ BLOWDOWN		BOILER RELIEF VALVE
	HYDRAULIC SEPARATOR		AUTOMATIC AIR VENT
	PRESSURE REDUCING VALVE		CASCADE CABLE



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NFB-C SERIES BOILER

(5) TO (16) NFB-C CONDENSING BOILERS WITH INDIRECT WATER HEATER
COMMON SECONDARY INJECTION PIPING WITH HYDRAULIC SEPARATOR
INCLUDES MODELS NFB-301C, 399C

DRAWN BY:

S. STOEKE

NFB-C-5+-ZC-MULT-IDWH-HS

DECEMBER 14, 2021