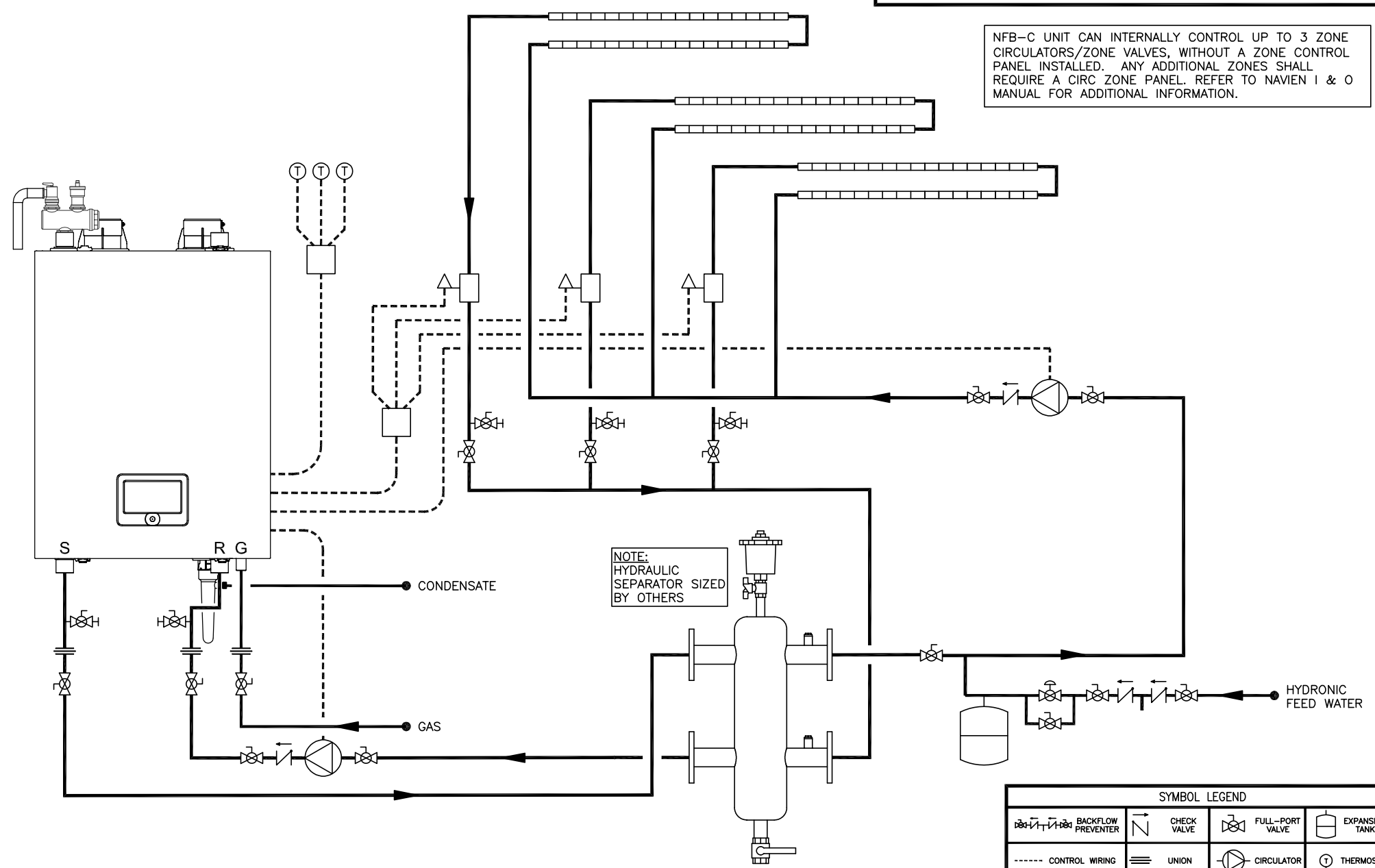


THIS DRAWING IS INTENDED ONLY AS A GUIDE AND NOT AS A REPLACEMENT FOR PROFESSIONALLY ENGINEERED PROJECT DRAWINGS. THIS CONCEPT SYSTEM DRAWING DOES NOT IMPLY COMPLIANCE WITH LOCAL BUILDING CODES. ACTUAL INSTALLATION MAY VARY DEPENDING ON INSTALLATION LOCATION AND PARAMETERS AND IT MUST BE DONE IN ACCORDANCE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

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)

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



NOTE:
HYDRAULIC
SEPARATOR SIZED
BY OTHERS

SYMBOL LEGEND			
	BACKFLOW PREVENTER		CHECK VALVE
	CONTROL WIRING		FULL-PORT VALVE
	CONDENSATE TRAP		CIRCULATOR
	COPPER BASEBOARD FIN TUBE		AIR ELIMINATION
	EXPANSION TANK		BOILER RELIEF VALVE
	THERMOSTAT		BALL DRAIN VALVE
	HYDRAULIC SEPARATOR		PRESSURE REDUCING VALVE

Navien
 20 GOODYEAR
 IRVINE, CA 92618
 800-519-8794
 www.navienc.com

NFB-C SERIES BOILER		
(1) NFB-C CONDENSING BOILER WITH MULTIPLE ZONE VALVES WITH HYDRAULIC SEPARATOR INCLUDES MODELS NFB-301C, 399C		
DRAWN BY: S. STOEKE	NFB-C-1-ZV-3-HS	DECEMBER 1, 2021