

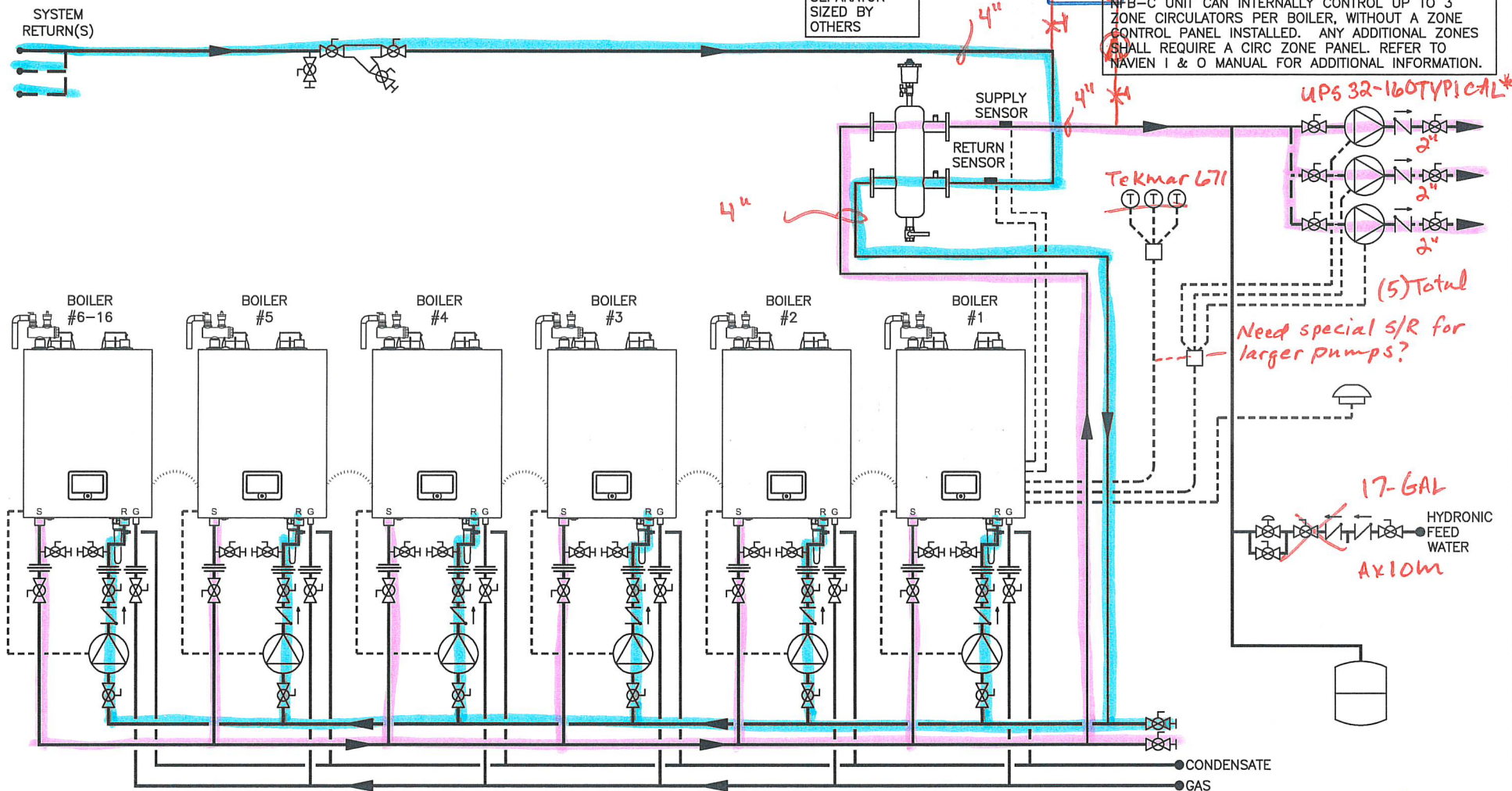
THIS DRAWING IS INTENDED ONLY AS A GUIDE AND NOT AS A REPLACEMENT FOR PROFESSIONALLY ENGINEERED PROJECT DRAWINGS. THIS CONCEPT SYSTEM DRAWING DOES NOT IMPLY COMPLIANCE WITH LOCAL BUILDING CODES. ACTUAL INSTALLATION MAY VARY DEPENDING ON INSTALLATION LOCATION AND PARAMETERS AND IT MUST BE DONE IN ACCORDANCE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

NOTE:
HYDRAULIC
SEPARATOR
SIZED BY
OTHERS

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



17-GAL
HYDRONIC
FEED WATER
Ax10m

*650W 5.8A 120V (x5)

SYMBOL LEGEND

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



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IRVINE, CA 92618
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NFB-C SERIES BOILER

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

DRAWN BY: S. STOEKE

NFB-C-6+-ZP-MULT-C-HS

JUNE 7, 2022