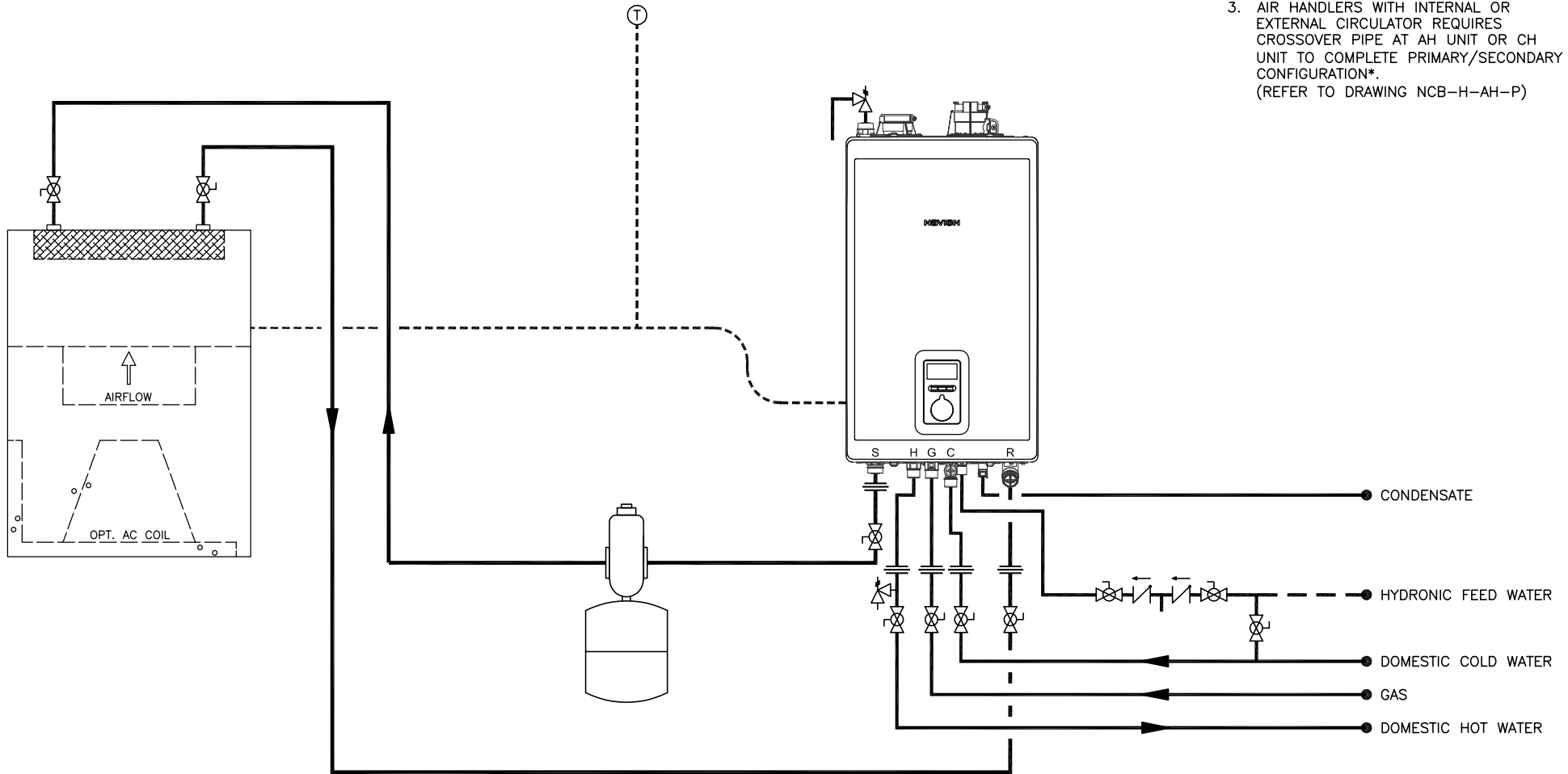


THIS DRAWING IS INTENDED ONLY AS A GUIDE AND NOT AS A REPLACEMENT FOR PROFESSIONALLY ENGINEERED PROJECT DRAWINGS. THIS CONCEPT SYSTEM DRAWING DOES NOT IMPLY COMPLIANCE WITH LOCAL BUILDING CODES. ACTUAL INSTALLATION MAY VARY DEPENDING ON INSTALLATION LOCATION AND PARAMETERS AND IT MUST BE DONE IN ACCORDANCE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

INSTALLATION NOTES:

1. 100' TOTAL MAXIMUM BOILER SIDE PIPING CONNECTION LENGTH ALLOWED (NCB-H CIRCULATOR-SP 3, HIGH)
2. BOILER-SIDE PIPE LENGTH EXCEEDING 100' TOTAL OR A 50 MBTUH COIL OUTPUT OR MORE REQUIRES PRIMARY/SECONDARY PIPING CONFIGURATION WITH SEPARATE SYSTEM CIRCULATOR.
3. AIR HANDLERS WITH INTERNAL OR EXTERNAL CIRCULATOR REQUIRES CROSSOVER PIPE AT AH UNIT OR CH UNIT TO COMPLETE PRIMARY/SECONDARY CONFIGURATION\*. (REFER TO DRAWING NCB-H-AH-P)

REFER TO AHU, THERMOSTAT AND NAVIEN WIRING SUPPLEMENT INSTRUCTIONS



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NCB-H SERIES COMBI-BOILER

(1) NCB-H COMBI-BOILER  
AIR HANDLER WITH DIRECT CONNECTION  
INCLUDES MODELS NCB-190/060H, 190/080H, 240/110H, 240/130H, 250/150H

DRAWN BY: S. STOEKE

NCB-H-1-AH

MAY 18, 2022

SYMBOL LEGEND

	BACKFLOW PREVENTER		CHECK VALVE		FULL-PORT VALVE		EXPANSION TANK
	CONTROL WIRING		PRESSURE RELIEF VALVE		CIRCULATOR		MIXING VALVE
	AIR HANDLER		AIR ELIMINATION		UNION		THERMOSTAT