

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:

REFER TO DISHWASHER MANUFACTURER'S RECOMMENDATIONS FOR PRESSURE REGULATOR REQUIREMENTS. IF REQUIRED, PRESSURE REGULATOR SHALL BE LOCATED ON THE WATER INLET OF THE DISHWASHER.

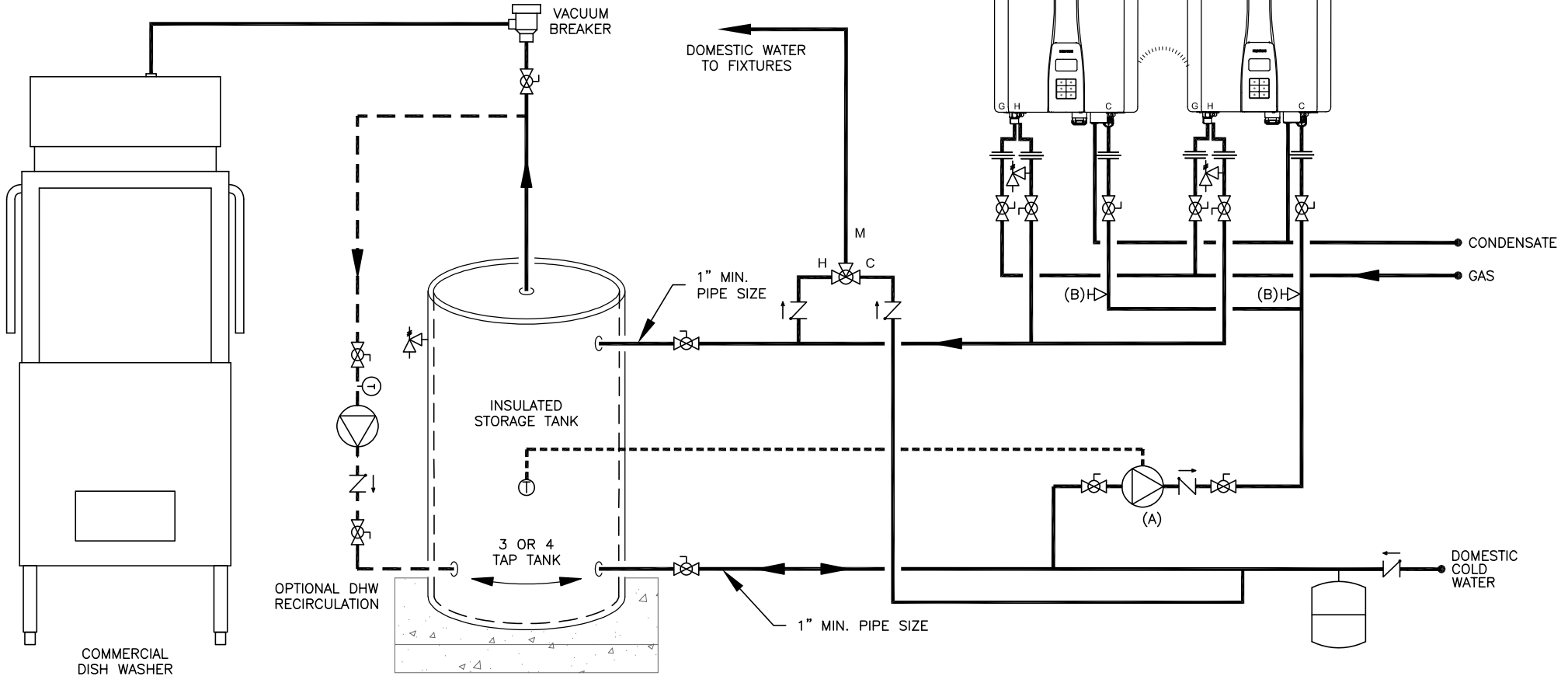
(A) TANKLESS CIRCULATOR SELECTED SHALL BE APPROVED FOR DOMESTIC USE (BRONZE OR S.S.) AND SHALL BE 4 GPM MAX PER TANKLESS @ 23' TOTAL HEAD (10 PSI) + PIPE, VALVES, FITTINGS & TANK

(B) INSTALL CIRCUIT SETTERS TO MAINTAIN FLOW INTO UNITS @ 4 GPM MAXIMUM.

STORAGE TANK VOLUME SIZE SELECTIONS:

HIGH TEMP (180°F)
6 X DISHWASHER GPM REQUIREMENTS

LOW TEMP (140°F)
4 X DISHWASHER GPM REQUIREMENTS



TANKLESS QUANTITY: RECOMMENDED PIPE SIZE	1 UNIT: 3/4"	2 UNITS: 1"	3 UNITS: 1-1/4"	4-5 UNITS: 1-1/2"	6-8 UNITS: 2"	9-14 UNITS: 2-1/2"	15-16 UNITS: 3"
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SYMBOL LEGEND

UNION	CHECK VALVE	FULL-PORT VALVE	AQUATAP
CONTROL WIRING	PRESSURE RELIEF VALVE	CIRCULATOR	MIXING VALVE
		VACUUM BREAKER	EXPANSION TANK



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

NPE-S2 SERIES TANKLESS WATER HEATER
(2) NPE-S2 TANKLESS WATER HEATER DISHWASHER APPLICATION
WITH STORAGE TO MEET FLOW/TEMP RISE REQUIREMENT
INCLUDES MODELS 150, 180, 210 AND 240

DRAWN BY: S. STOEKE NPE-S2-2-DW-DHW-ST-1 SEPTEMBER 13, 2023