

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.

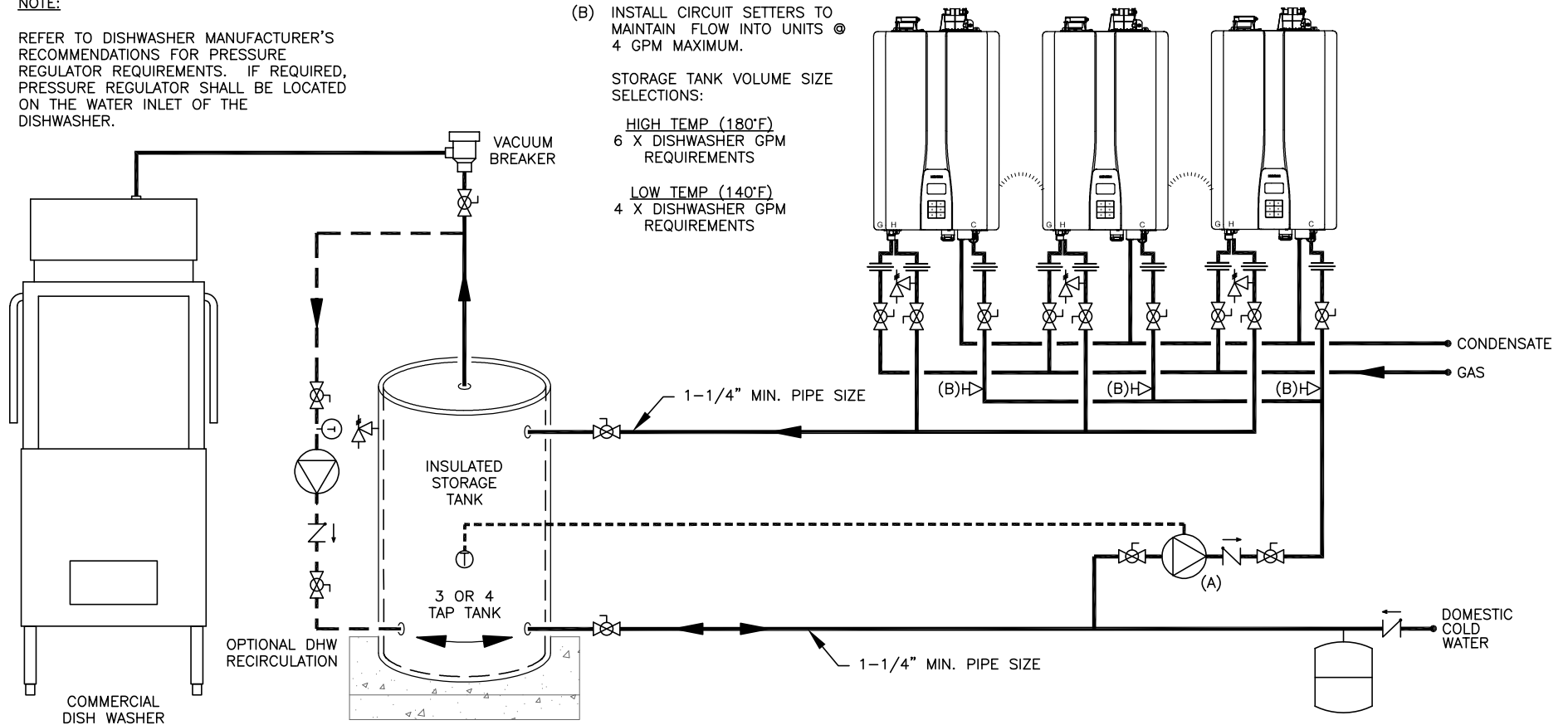
(A) TANKLESS CIRCULATOR
SELECTED SHALL BE APPROVED FOR DOMESTIC USE (BRONZE OR S.S.) AND SHALL BE 4 GPM MAX PER TANKLESS @ 23' TOTAL HEAD (10 PSI) + PIPE, VALVES, FITTINGS & TANK

(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"

SYMBOL LEGEND



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(3) 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. STOKE

NPE-S2-3-DW-ST-1

SEPTEMBER 12, 2023

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