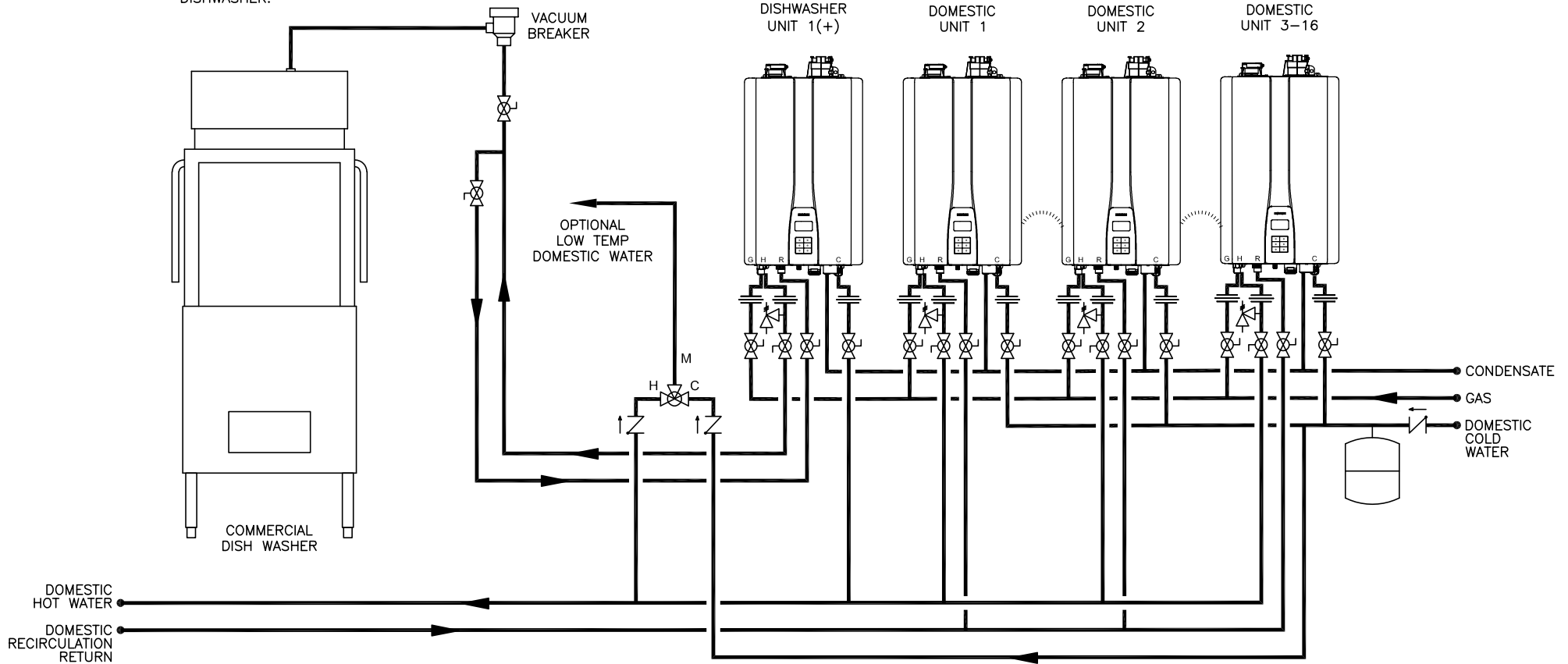


THIS DRAWING IS INTENDED ONLY AS A GUIDE AND NOT AS A REPLACEMENT FOR PROFESSIONALLY ENGINEERED PROJECT DRAWINGS. THIS CONCEPT SYSTEM DRAWING DOES NOT IMPLY COMPLIANCE WITH LOCAL BUILDING CODES. ACTUAL INSTALLATION MAY VARY DEPENDING ON INSTALLATION LOCATION AND PARAMETERS AND IT MUST BE DONE IN ACCORDANCE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

- 1) DOMESTIC RESTAURANT TANKLESS UNITS TYPICALLY SET AT 140°F
- 2) HIGH-TEMPERATURE DISHWASHER TANKLESS UNIT(S) TYPICALLY SET AT 180°F OR GREATER FOR SANITATION.
- 3) SELECT COUNT OF TANKLESS UNITS SERVING DISHWASHER TO MEET FLOW RATE REQUIREMENTS @40-45°F RISE.
- 4) DISHWASHER TANKLESS UNIT(S) MAY NOT BE CASCADED OR COMMON VENTED WITH DOMESTIC SUPPLY TANKLESS UNITS.
- 5) FOLLOW TANKLESS VENTING INSTRUCTIONS WITH PROPER MATERIALS FOR HIGH TEMPERATURE APPLICATIONS WITH DISHWASHERS.

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.



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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NPE-A2 SERIES TANKLESS WATER HEATER
(3) PLUS NPE-A2 TANKLESS DOMESTIC WITH EXTERNAL RECIRCULATION MODE WITH NPE-A2 TANKLESS AS HIGH-TEMPERATURE BOOSTER HEATER FOR DISHWASHER INCLUDES MODELS 180, 210 AND 240

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

DRAWN BY:

S. STOEKE

NPE-A2-3+-E-DW-DHW-MV

SEPTEMBER 19, 2023