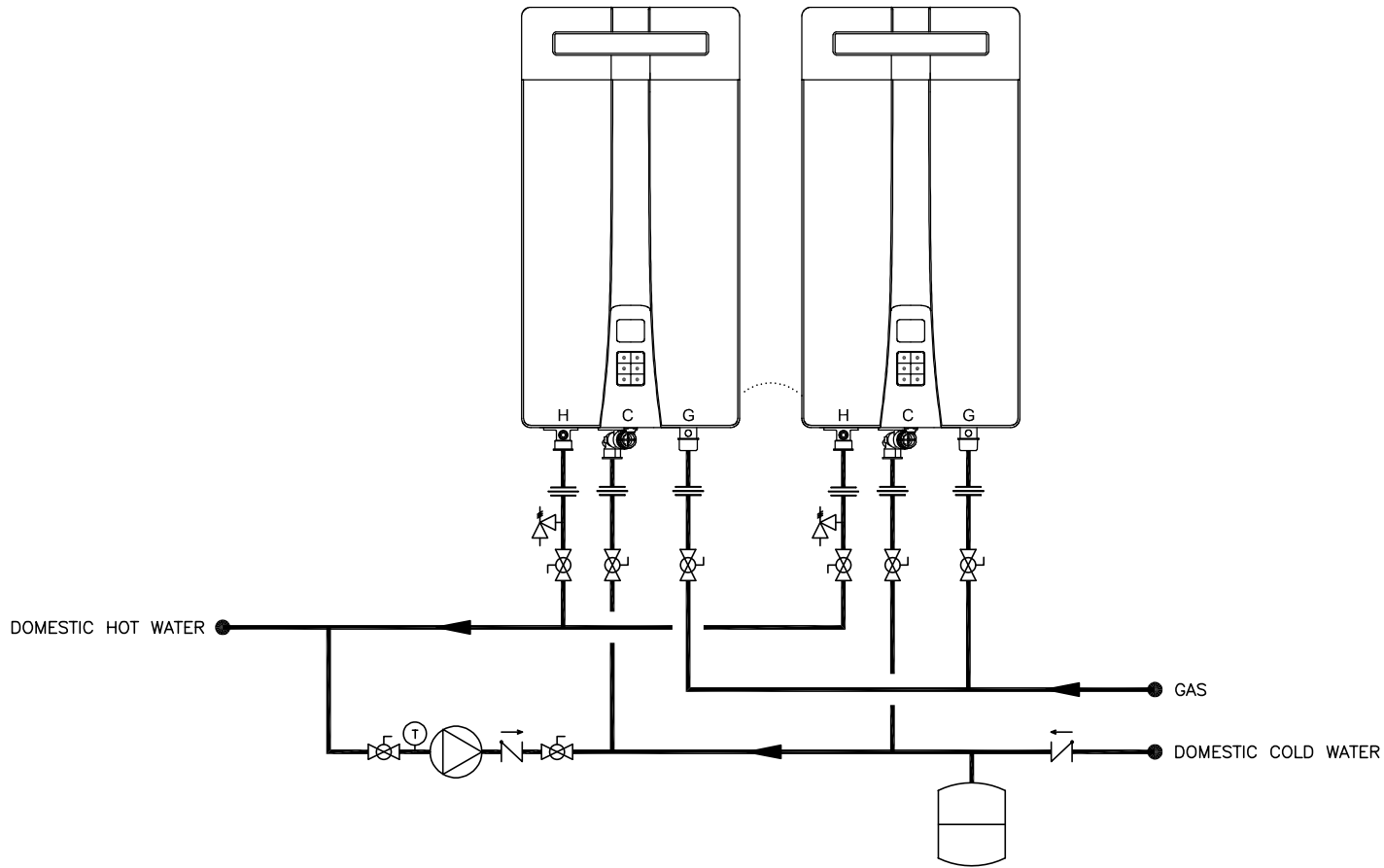


THIS DRAWING IS INTENDED ONLY AS A GUIDE AND NOT AS A REPLACEMENT FOR PROFESSIONALLY ENGINEERED PROJECT DRAWINGS. THIS CONCEPT SYSTEM DRAWING DOES NOT IMPLY COMPLIANCE WITH LOCAL BUILDING CODES. ACTUAL INSTALLATION MAY VARY DEPENDING ON INSTALLATION LOCATION AND PARAMETERS AND IT MUST BE DONE IN ACCORDANCE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



|  |              |                |                 |                   |                |                    |                 |               |  |   |                             |   |                 |   |                   |
|--|--------------|----------------|-----------------|-------------------|----------------|--------------------|-----------------|---------------|--|---|-----------------------------|---|-----------------|---|-------------------|
| 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 |  |   |                             |   |                 |   |                   |
| NPN-U SERIES TANKLESS WATER HEATER WITH OUTDOOR VENT CAP   |              |                |                 |                   |                |                    |                 | ≡             | UNION  | ↗ | CHECK VALVE                 | ⊗ | FULL-PORT VALVE | ⊕ | AQUASTAT          |
| (2) NPN-U TANKLESS WATER HEATERS WITH EXTERNAL RECIRCULATION<br>SHOWN WITH NAVIEN CASCADE CABLE ACCESSORY AND OUTDOOR VENT CAP<br>INCLUDES MODELS 160, 180 AND 199 |              |                |                 |                   |                |                    |                 | ⊕             | DHW CIRCULATOR<br>W/ AQUASTAT<br>OPTIONAL TIMER<br>& CHECK VALVE | ⚠ | PRESSURE<br>RELIEF<br>VALVE | ⊖ | CIRCULATOR      | ⊕ | EXPANSION<br>TANK |
| DRAWN BY: S. STOEKE  |              | NPN-U-2-EC-OVC |                 |                   | APRIL 28, 2022 |                    |                 | ⊖             | OUTDOOR<br>VENT CAP  | ⋯ | CASCADE<br>CABLE            |   |                 |   |                   |

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