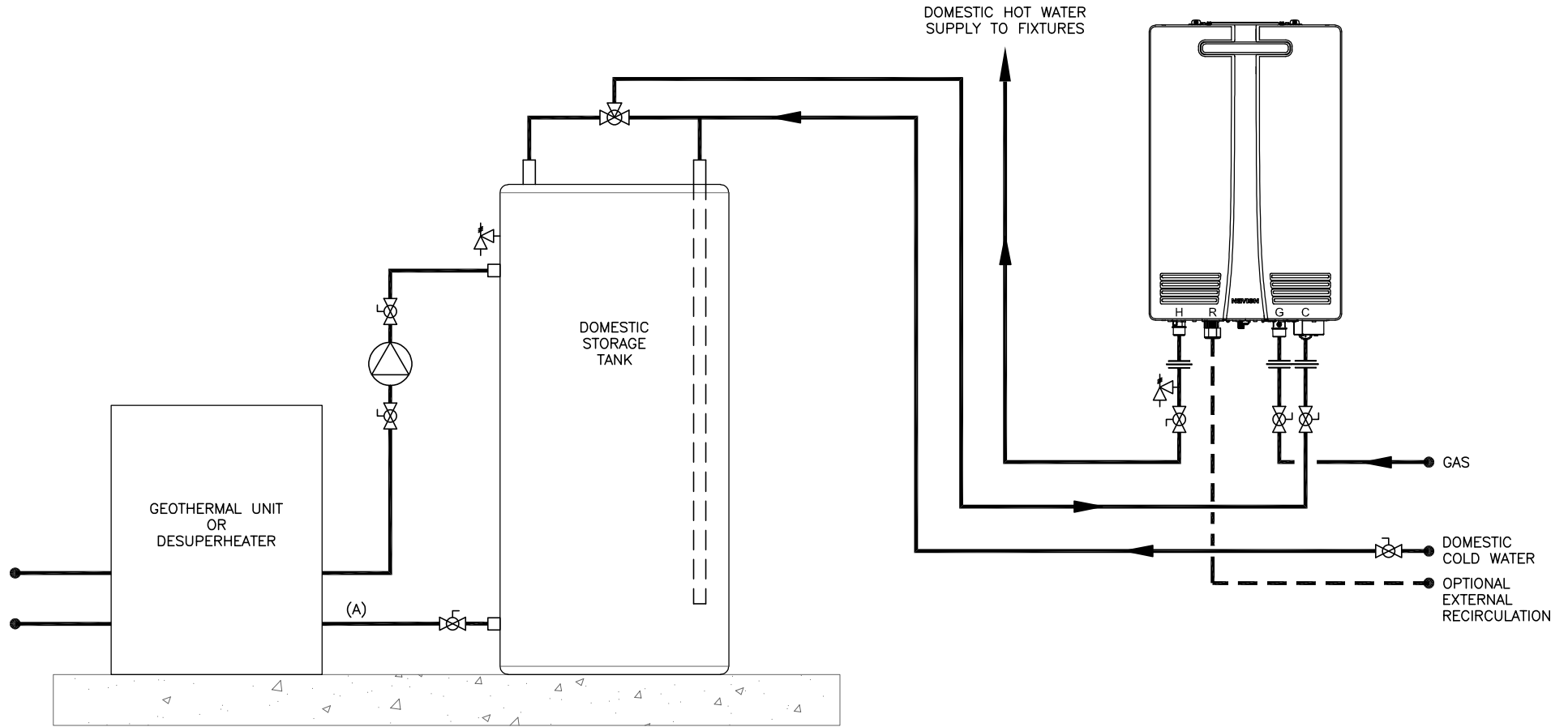


THIS DRAWING IS INTENDED ONLY AS A GUIDE AND NOT AS A REPLACEMENT FOR PROFESSIONALLY ENGINEERED PROJECT DRAWINGS. THIS CONCEPT SYSTEM DRAWING DOES NOT IMPLY COMPLIANCE WITH LOCAL BUILDING CODES. ACTUAL INSTALLATION MAY VARY DEPENDING ON INSTALLATION LOCATION AND PARAMETERS AND IT MUST BE DONE IN ACCORDANCE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



(A) FOLLOW GEOHERMAL UNIT AND TANK MANUFACTURER RECOMMENDATIONS AND 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	AQUASTAT
GEOHERMAL UNIT OR DESUPERHEATER	PRESSURE RELIEF VALVE	CIRCULATOR	MIXING VALVE
			DOMESTIC STORAGE TANK



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(1) NHW-AE TANKLESS WATER HEATER
STANDARD INSTALLATION WITH GEOHERMAL OR DESUPERHEATER
INCLUDES MODELS 160, 180 AND 199
DRAWN BY: S. STOEKE
NHW-AE-1-G
JULY 27, 2023