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 DEPONDING 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 FOR DESIGN IS NOT TO BE PERFORMED WITHOUT EXPRESSED WRITTEN PRIMISSION BY NAVIEN, INC. CONDENSATE DOMESTIC COLD WATER DOMESTIC HOT WATER @ DOMESTIC ( RECIRCULATION RETURN SELECT EXTERNAL CIRCULATOR PERFORMANCE TO BE 2 GPM MINIMUM, 3 GPM MAXIMUM PER TANKLESS BASED ON 11 PSI PRESSURE DROP AT 3 GPM PER TANKLESS, PLUS EXTERNAL BUILDING PIPE, VALVES AND FITTINGS TO ASCERTAIN TOTAL CIRCULATOR PUMP REQUIREMENTS • CIRCUIT SETTER AT EXTERNAL PUMP IS REQUIRED FOR SETTING MAXIMUM FLOW RATE TO TANKLESS SYSTEM 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 NPE-S2 SERIES TANKLESS WATER HEATER FULL-PORT VALVE (T) AQUASTAT UNION (9) NPE-S2 TANKLESS WATER HEATERS DHW CIRCULATOR W/ AQUASTAT, OPTIONAL TIMER & CHECK VALVE PRESSURI RELIEF VALVE WITH EXTERNAL RECIRCULATION PUMP CIRCULATOR 20 GOODYEAR IRVINE, CA 92618 INCLUDES MODELS 150, 180, 210 AND 240 800-519-8794 BALANCING VALVE CASCADE CABLE S. STOEKE NPE-S2-9-EC JULY 26, 2023 www.navieninc.com