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 PROMISSION BY MAVIEN, INC. CIRCULATOR REQUIREMENT: BRONZE OR STAINLESS STEEL SELECT & SET: 4 GPM MAX @ 23FT HEAD DOMESTIC HOT WATER TO FIXTURES AIRFLOW (A) CONDENSATE GAS DOMESTIC COLD WATER (A) CROSSOVER BETWEEN SUPPLY AND RETURN TO AHU REQUIRED TO DECOUPLE PUMP FLOWS (PRIMARY/SECONDARY) NOTE: CROSSOVER PIPE MAY BE LOCATED AT AHU, WHEN DEEMED APPROPRIATE SYMBOL LEGEND DHW FLOW SWITCH FULL-PORT VALVE UNION 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' NPE-A2 SERIES TANKLESS WATER HEATER -DHW CIRCULATOR AND CHECK VALVE EXPANSION TANK (1) NPE-A2 TANKLESS WATER HEATER COMBI WITH AIR HANDLER OUTDOOR TEMPERATURE SENSOR MIXING VALVE SHOWN WITH NAVIEN H2AIR KIT WITH AHU CIRCULATOR ----- CONTROL WIRING THERMOSTAT 20 GOODYEAR IRVINE, CA 92618 INCLUDES MODELS 180, 210 AND 240 800-519-8794 AIR HANDLER S. STOEKE NPE-A2-1-EC-H2AIR MAY 3, 2022 www.navieninc.com