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 PROMISSION BY MANEN, INC. SYSTEM RETURN(S) NOTE: HYDRAULIC SEPARATOR SIZED BY OTHERS SYSTEM SUPPLY(S) SUPPLY SENSOR NHB UNIT CAN INTERNALLY CONTROL UP TO 1 ZONE CIRCULATOR, WITHOUT A ZONE CONTROL PANEL INSTALLED. ANY ADDITIONAL ZONES SHALL REQUIRE A CIRC ZONE PANEL. REFER TO RETURN NAVIEN I & O MANUAL FOR ADDITIONAL SENSOR INFORMATION. CIRC ZONE PANEL **BOILER BOILER BOILER BOILER BOILER** #1 #4 #5 #2 #3 **HYDRONIC** RONIC FEED - WAT NIT WAT TOO TOO GAS ■ CONDENSATE SYMBOL LEGEND BACKFLOW PREVENTER FULL-PORT VALVE EXPANSION TANK PRESSURI RELIEF VALVE CIRCULATOR ----- CONTROL WIRING THERMOSTAT NHB SERIES BOILER OUTDOOR TEMPERATURE SENSOR BALL DRAIN VALVE MNavien AIR ELIMINATION (5) NHB BOILERS WITH PRESSURE REDUCING VALVE Ŵ WYE STRAINER W/ BLOWDOWN AUTOMATIC AIR VENT CASCADE CABLE INDIVIDUAL SECONDARY INJECTION PIPING WITH HYDRAULIC SEPARATOR 20 GOODYEAR IRVINE, CA 92618 INCLUDES MODELS NHB-55,80,110,150 800-519-8794 HYDRAULIC SEPARATOR NHB-5-ZP-MULT-I-HS S. STOEKE JULY 12, 2022 www.navieninc.com