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 PRAMMETERS AND IT MUST BE DONE IN ACCORDANCE TO ALL LOCAL BUILDING CODES. VERIFY WITH LOCAL BUILDINGS OFFICIALS BEFORE COMMENCEMENT OF SYSTEM INSTALLATION. CHANGES OR 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. SYSTEM RETURN(S) NOTE: HYDRAULIC SEPARATOR SIZED SYSTEM BY OTHERS SUPPLY SUPPLY(S) **SENSOR** RETURN NHB-H UNIT CAN INTERNALLY CONTROL UP TO 3 ZONE CIRCULATORS PER BOILER, WITHOUT A ZONE CONTROL SENSOR PANEL INSTALLED. ANY ADDITIONAL ZONES SHALL REQUIRE A CIRC ZONE PANEL. REFER TO NAVIEN I & O MANUAL FOR ADDITIONAL INFORMATION. ΦΦΦ CIRC ZONE PANEL 11111 **BOILER** BOILER **BOILER** #1 #2 #3 **HYDRONIC** FEED ╾ WATER THERMOSTATIC H
MIXING VALVE THERMOSTATIC H
MIXING VALVE (IF REQUIRED) (IF REQUIRED) H**3** H2⊗1**−** н⊗д= INDIRECT || WATER INDIRECT WATER HEATER HEATER (T) +₽\$4 CONDENSATE SYMBOL LEGEND BACKFLOW PREVENTER FULL-PORT VALVE EXPANSION TANK PRESSURI RELIEF VALVE CIRCULATOR ----- CONTROL WIRING THERMOSTAT NHB-H SERIES BOILER OUTDOOR TEMPERATURE SENSOR BALL DRAIN VALVE MNavien AIR ELIMINATION (3) NHB-H BOILERS WITH (2) INDIRECT WATER HEATERS PRESSURE REDUCING VALVE Ŵ W WYE STRAINER
W/ BLOWDOWN AUTOMATIC AIR VENT COMMON SECONDARY INJECTION PIPING WITH HYDRAULIC SEPARATOR 20 GOODYEAR IRVINE, CA 92618 INCLUDES MODELS NHB-110H, 150H 800-519-8794 NHB-H-3-ZP-MULT-IDWH-2-C-HS S. STOEKE JANUARY 26, 2024 www.navieninc.com