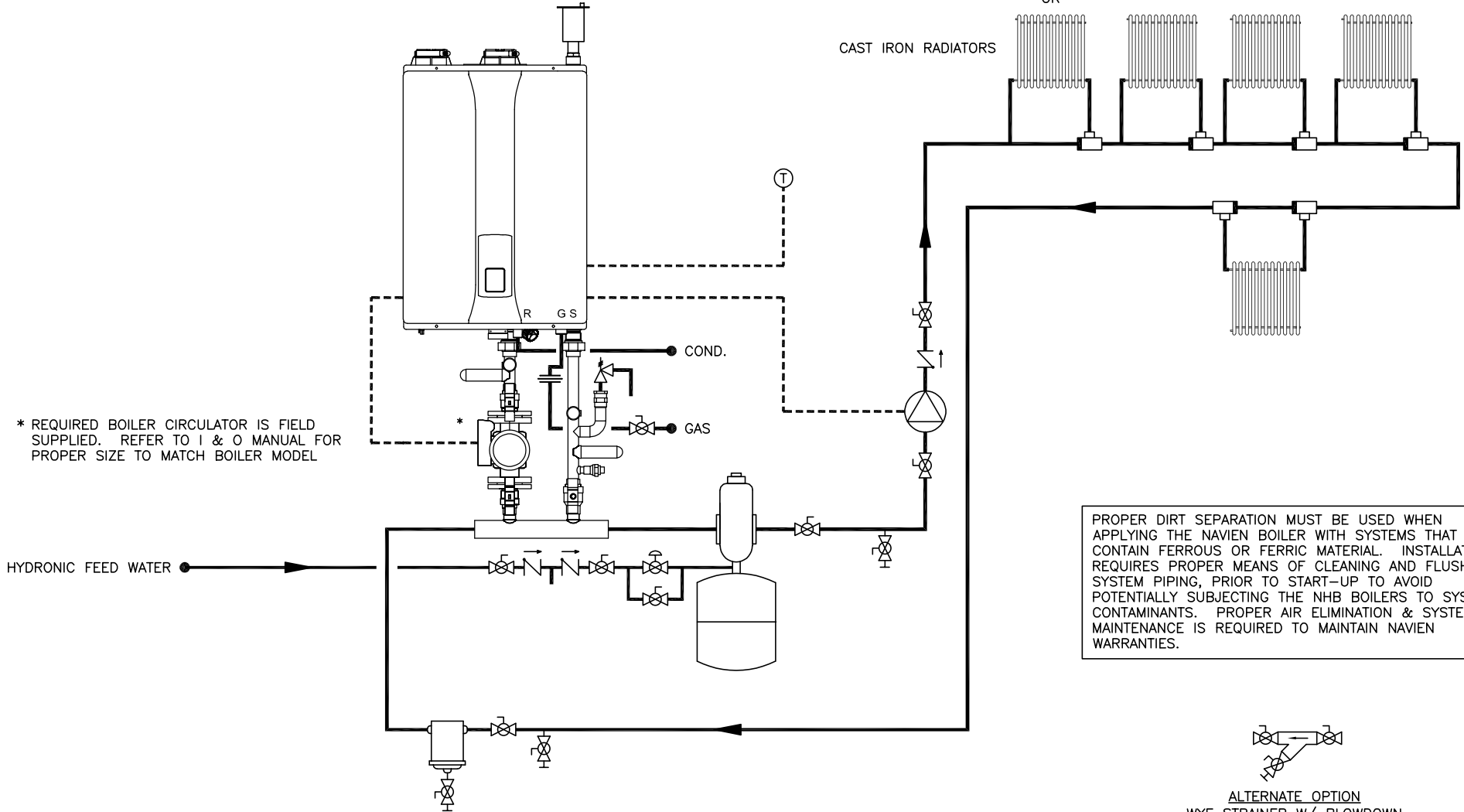


THIS DRAWING IS INTENDED ONLY AS A GUIDE AND NOT AS A REPLACEMENT FOR PROFESSIONALLY ENGINEERED PROJECT DRAWINGS. THIS CONCEPT SYSTEM DRAWING DOES NOT IMPLY COMPLIANCE WITH LOCAL BUILDING CODES. ACTUAL INSTALLATION MAY VARY DEPENDING ON INSTALLATION LOCATION AND PARAMETERS AND IT MUST BE DONE IN ACCORDANCE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

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 NAVIEN I & O MANUAL FOR ADDITIONAL INFORMATION.

CAST IRON BASEBOARD  
OR  
CAST IRON FIN TUBE  
OR  
CAST IRON RADIATORS



\* REQUIRED BOILER CIRCULATOR IS FIELD SUPPLIED. REFER TO I & O MANUAL FOR PROPER SIZE TO MATCH BOILER MODEL

PROPER DIRT SEPARATION MUST BE USED WHEN APPLYING THE NAVIEN BOILER WITH SYSTEMS THAT CONTAIN FERROUS OR FERRIC MATERIAL. INSTALLATION REQUIRES PROPER MEANS OF CLEANING AND FLUSHING SYSTEM PIPING, PRIOR TO START-UP TO AVOID POTENTIALLY SUBJECTING THE NHB BOILERS TO SYSTEM CONTAMINANTS. PROPER AIR ELIMINATION & SYSTEM MAINTENANCE IS REQUIRED TO MAINTAIN NAVIEN WARRANTIES.

ALTERNATE OPTION  
WYE STRAINER W/ BLOWDOWN

SYMBOL LEGEND			
	BACKFLOW PREVENTER		CHECK VALVE
	FULL-PORT VALVE		EXPANSION TANK
	CONTROL WIRING		PRESSURE RELIEF VALVE
	CIRCULATOR		THERMOSTAT
	MANIFOLD		AIR ELIMINATION
	UNION		MONOFLO TEE
	AUTOMATIC AIR VENT		BALL DRAIN VALVE



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NHB SERIES BOILER

(1) NHB BOILER WITH ONE PIPE (MONOFLO) DISTRIBUTION SYSTEM SHOWN WITH NAVIEN NHB MANIFOLD KIT PART#GFFM-MSOZUS-001 INCLUDES MODELS NHB-55,80,110,150

DRAWN BY: S. STOIKE

NHB-1-CI-MONO-PM

JULY 29, 2022