

4

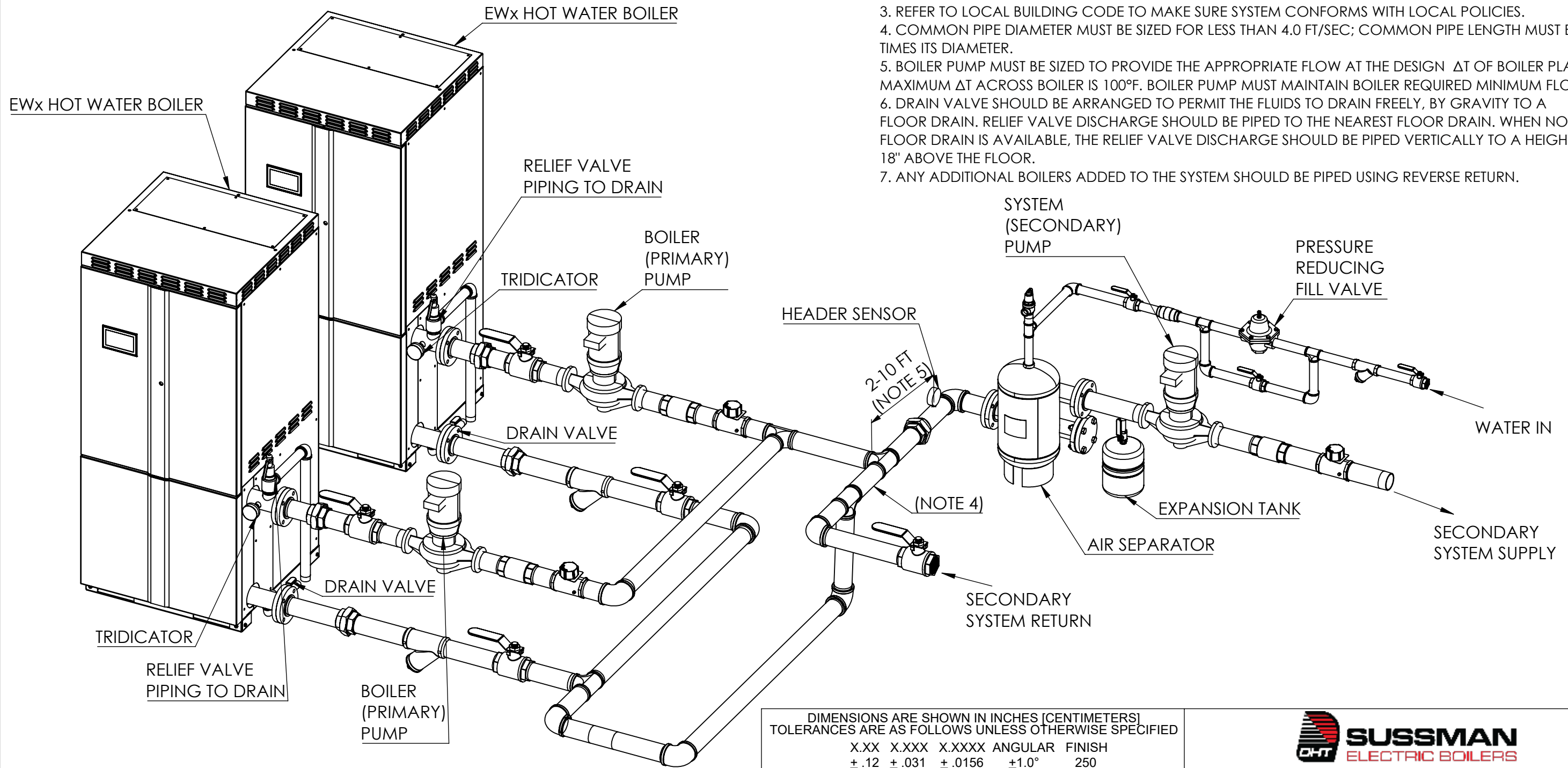
3

2

1

NOTES:

- 1. FOR BOILER CONNECTION SIZES SEE DIMENSIONAL DRAWING FOR SPECIFIC BOILER CONFIGURATION.
- 2. MINIMUM OF 6 INCHES FROM BOILER CONNECTIONS AND ELECTRICAL CABINETS.
- 3. REFER TO LOCAL BUILDING CODE TO MAKE SURE SYSTEM CONFORMS WITH LOCAL POLICIES.
- 4. COMMON PIPE DIAMETER MUST BE SIZED FOR LESS THAN 4.0 FT/SEC; COMMON PIPE LENGTH MUST BE 3 TO 5 TIMES ITS DIAMETER.
- 5. BOILER PUMP MUST BE SIZED TO PROVIDE THE APPROPRIATE FLOW AT THE DESIGN ΔT OF BOILER PLANT. MAXIMUM ΔT ACROSS BOILER IS 100°F. BOILER PUMP MUST MAINTAIN BOILER REQUIRED MINIMUM FLOW.
- 6. DRAIN VALVE SHOULD BE ARRANGED TO PERMIT THE FLUIDS TO DRAIN FREELY, BY GRAVITY TO A FLOOR DRAIN. RELIEF VALVE DISCHARGE SHOULD BE PIPED TO THE NEAREST FLOOR DRAIN. WHEN NO FLOOR DRAIN IS AVAILABLE, THE RELIEF VALVE DISCHARGE SHOULD BE PIPED VERTICALLY TO A HEIGHT 18" ABOVE THE FLOOR.
- 7. ANY ADDITIONAL BOILERS ADDED TO THE SYSTEM SHOULD BE PIPED USING REVERSE RETURN.



DIMENSIONS ARE SHOWN IN INCHES [CENTIMETERS]
 TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED
 X.XX X.XXX X.XXXX ANGULAR FINISH
 ±.12 ±.031 ±.0156 ±1.0° 250
 REMOVE AND DEBURR SHARP EDGES AND CORNERS
 ALL DIMENSIONS ARE AFTER FINISH OR PLATING
 REFERENCE DIMENSIONS ARE SHOWN IN PARENTHESES ()
 CRITICAL DIMENSIONS ARE SHOWN IN

THIS DRAWING AND/OR SPECIFICATIONS ARE THE PROPERTY OF DIVERSIFIED HEAT TRANSFER INC. THIS CONFIDENTIAL AND PROPRIETARY INFORMATION SHALL NOT BE USED, COPIED OR REPRODUCED IN ANY MEANS AS THE BASIS FOR MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN AUTHORIZATION FROM OWNER.

SUSSMAN
 ELECTRIC BOILERS
 439 MAIN RD. TOWACO NJ 07082
 PHONE: (800) 221-1522 FAX: (718) 386-7809

TITLE
 P&ID - EWx HOT WATER BOILER
 PRIMARY-SECONDARY MULTIPLE UNITS

A		FOR RELEASE	JH	12/24/24
REV	ECN	REVISION DESCRIPTION	NAME	DATE

THIRD ANGLE PROJECTION

DWG. SCALE: 1:20

MATERIAL SPEC:

DRAWN BY	JH	DATE	11/15/24	DWG#	EWx-PNID-PRISEC	REV	A
CHECKED BY				SHEET 1 OF 1			

4

3

2

1