

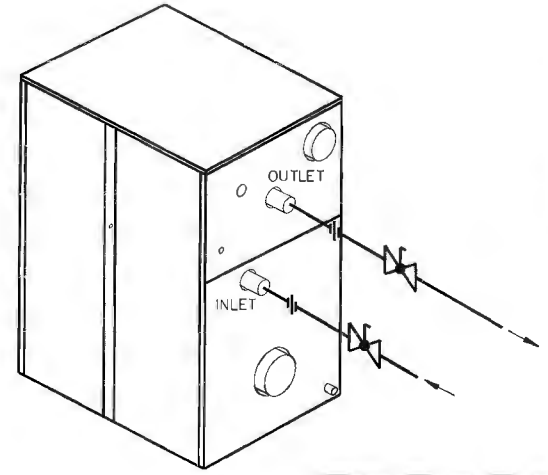
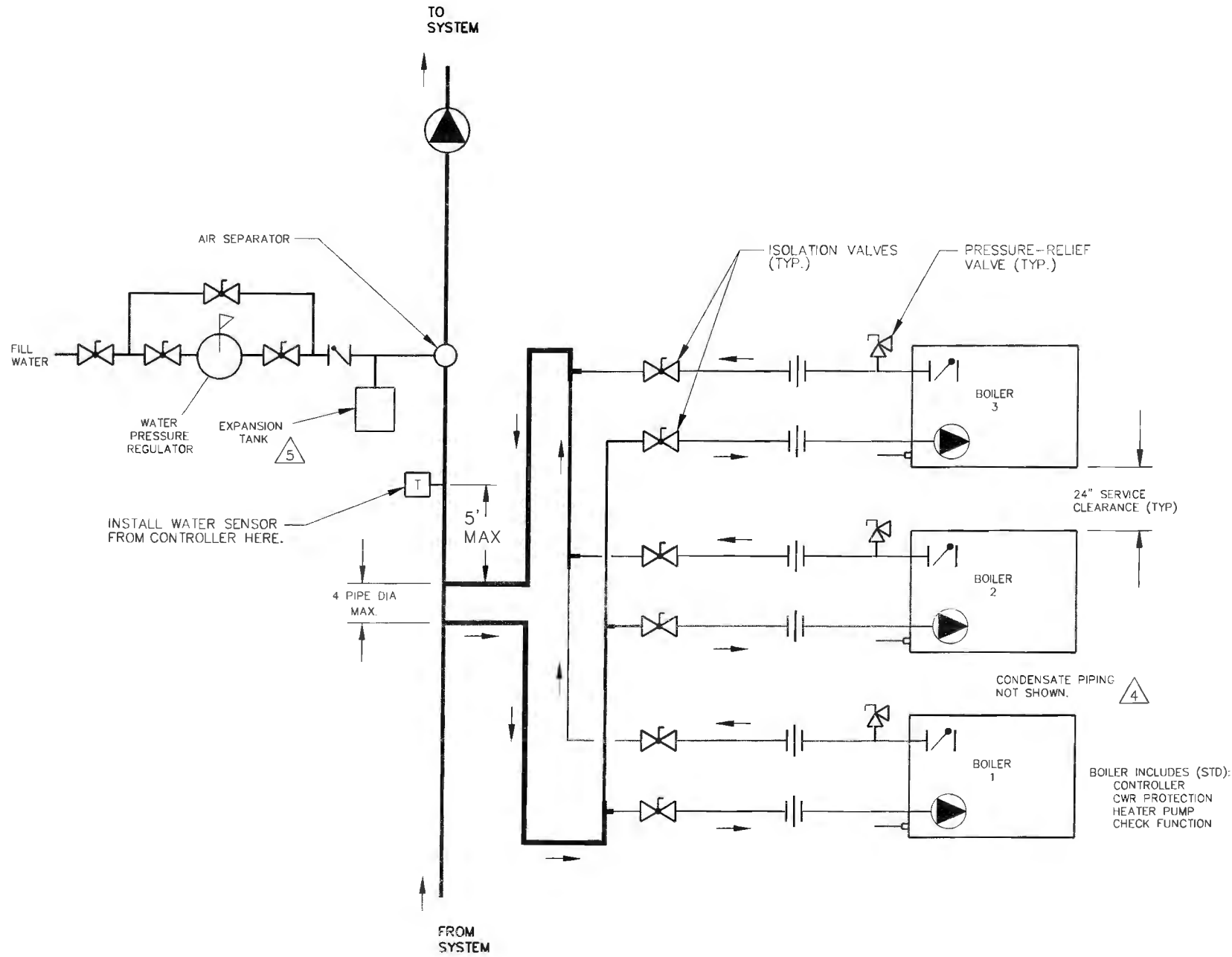
4 3 2 1

PIPE SIZES			
	1 UNIT	2 UNITS	3 UNITS
1005-2005	2-1/2"	3"	4"

THIS PIPING DIAGRAM IS RAYPAK'S RECOMMENDATION AND IS NOT INTENDED TO REPLACE AN ENGINEERED PIPING SYSTEM DESIGNED BY A PROFESSIONAL ENGINEER.

REVISIONS						
REV	ZONE	DESCRIPTION	E.O.	BY	DATE	CHECK
1		500 BRANCH SIZE FROM 1-1/2" TO 2"		RAN	2-3-10	DRB
2		ADDED CONNECTION DETAIL.		KA	1-21-11	DRB
3		UPDATED PIPE REFS. ADDED FILL LINE. REVISED NOTE 1, ADDED NOTE 5.		KA	4-20-11	DRB

D  
C  
B  
A



8658 3

KEY	
	PRESSURE RELIEF VALVE
	PUMP
	UNION
	CHECK VALVE
	BALL VALVE
	THERMOMETER

- NOTES:
- CHECK VALVE INTEGRAL TO XTHERM BOILER.
  - PIPE ALL RELIEF VALVES TO DRAIN, OR AS LOCAL CODES REQUIRE.
  - PIPE SIZES MUST BE AT LEAST EQUAL TO THE BOILER INLET / OUTLET SIZE. SEE "PIPE SIZES" CHART ABOVE; COMBINED PIPE SIZES CALCULATED AT MAX FLOW.
- 4 PIPE CONDENSATE DRAIN TO DISCHARGE PER LOCAL CODE, OR NEUTRALIZE AND DRAIN TO DISCHARGE PER LOCAL CODE.
- 5 PROVIDE FOR THERMAL EXPANSION OF HOT WATER IF A BACKFLOW PREVENTER, CHECK VALVE, WATER METER OR PRESSURE-REDUCING VALVE IS INSTALLED IN THE COLD WATER LINE.

ACAD: 8658.DWG

UNLESS OTHERWISE SPECIFIED: ALL UNITS ARE IN INCHES FRACTIONS ±1/32 ANGLES ±1' X ±.12 XX ±.06 X.XX ±.03 X.XXX ±.010 DRAFT WALL RADII CONCENTRICITIES .020 DIA SQUARENESS .015 IN./IN BREAK EDGES .015 MAX SURFACE FINISH PER ASME Y14.36M-1996	APPROVED R NYLAND DATE 12-31-08	DATE 12-23-08	<b>Raypak</b> OXNARD, CALIFORNIA
DRAWN D BALDWIN	DATE 12-23-08	E.O. SPR	SCALE NONE
THIS DRAWING SUBMITTED UNDER CONFIDENTIAL RELATIONSHIP, AS IT EMBODIES PROPRIETARY INFORMATION, WITH ALL RIGHTS RESERVED BY RAYPAK, INC.			
TITLE <b>PIPING, HYDRONIC: 3 BOILERS, XTHERM</b>			
SERIES/MODEL H7 1005-2005		DWG. NO. 8658	REV. 3

4 3 2 1