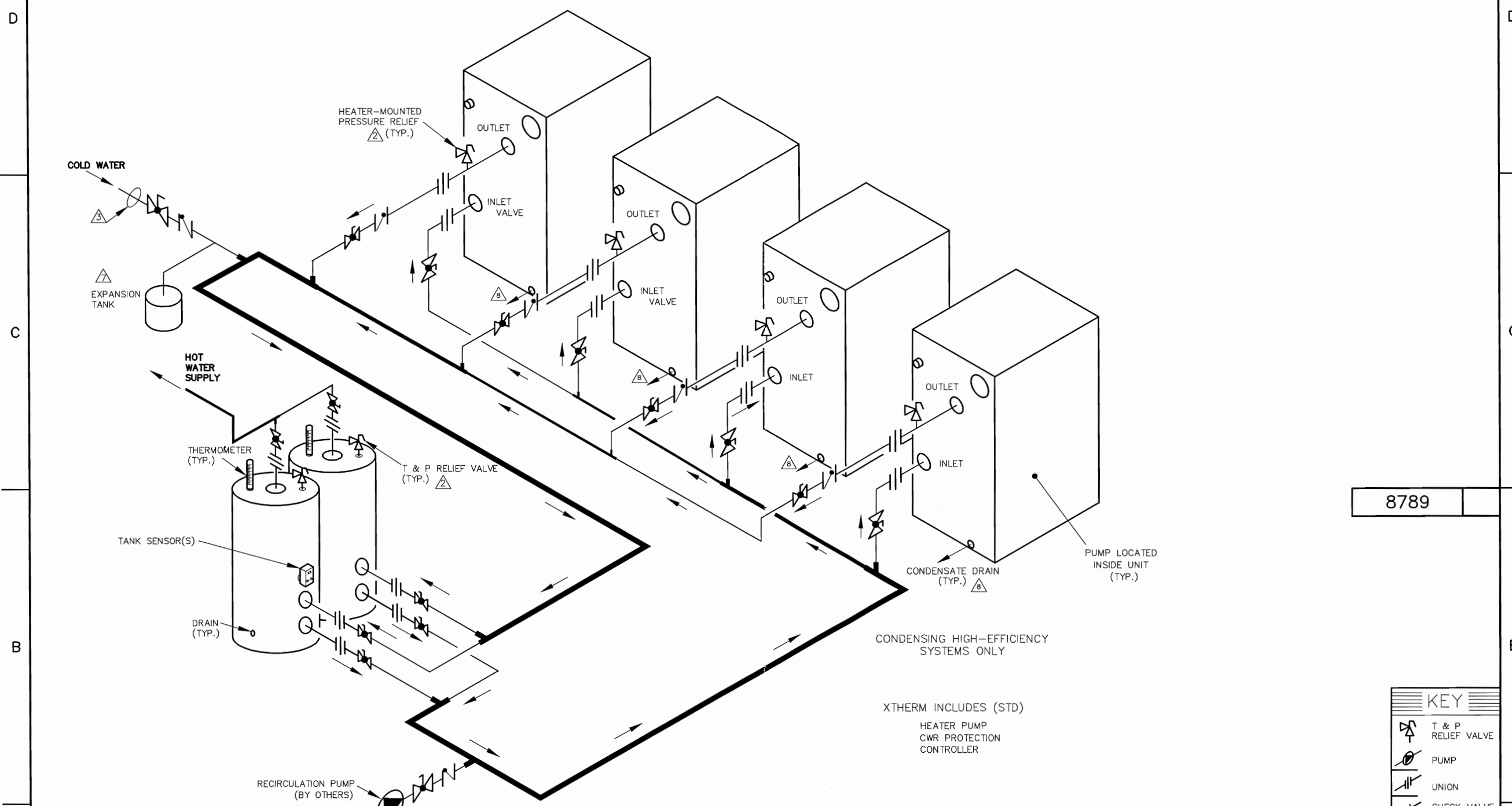


PIPE SIZES				
	1 UNIT	2 UNITS	3 UNITS	4 UNITS
1005A-2005A	2-1/2"	4"	5"	5"

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



8789

- NOTES:
- PLUMB SWING CHECK VALVE IN GRAVITY-CLOSED POSITION.
 - PIPE ALL RELIEF VALVES TO DRAIN, OR AS LOCAL CODES REQUIRE.
 - LOCATE TEE AS CLOSE AS POSSIBLE TO TANK.
 - INSTALL COLD WATER BETWEEN HEATER OUTLET AND TANK.
 - SEE CHART "PIPE SIZES" FOR PIPE SIZES, CALCULATED AT MAXIMUM FLOW, NOT TO EXCEED 7.5 FT/SEC.
 - PIPE SIZING BASED ON MAX EQUIVALENT LENGTH OF 100 FEET OF PIPE BETWEEN TANK AND HEATER. IF LONGER, CONSULT FACTORY FOR PROPER PIPE SIZE REQUIRED.
 - 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.
 - CONDENSATE MUST BE PIPED TO AN APPROVED DRAIN. LOCAL CODE MAY REQUIRE NEUTRALIZATION PRIOR TO DRAIN.
 - IF HOT WATER SETPOINT EXCEEDS 150°F WITH MAX FLOW, SPECIFY "H" BOILERS INSTEAD OF "WH" WATER HEATERS.

KEY	
	T & P RELIEF VALVE
	PUMP
	UNION
	CHECK VALVE
	BALL VALVE
	THERMOMETER

GUARANTEED 80% DRAW WITHOUT TEMPERATURE DROP, USE RAYPAK HEATER, TANK, SIZING TABLE AND HOOK-UP DATA

<small>UNLESS OTHERWISE SPECIFIED:</small> ALL UNITS ARE IN INCHES FRACTIONS ±1/32 ANGLES ±1' X. = ±.12 X.X = ±.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 Y14.35M-1995	APPROVED: CHECKED: DATE: 4/1/14 DATE: 3-26-14	 OXNARD, CALIFORNIA
	R NASH 	DATE: 8-30-13 E.O.: SPR SCALE: NONE
TITLE: PIPING, UNI-TEMP 80: 4 XTERM, 2 V TANKS		
HEATER SHOWN REPRESENTS VARIOUS MODELS. BECAUSE INDIVIDUAL MODELS WILL VARY IN DESIGN AND SIZING, SEE EACH SPECIFIC HEATER TYPE FOR DETAILS.	SERIES/MODEL: WH	SIZE: C DWG. NO.: 8789

ACAD: 8789.DWG