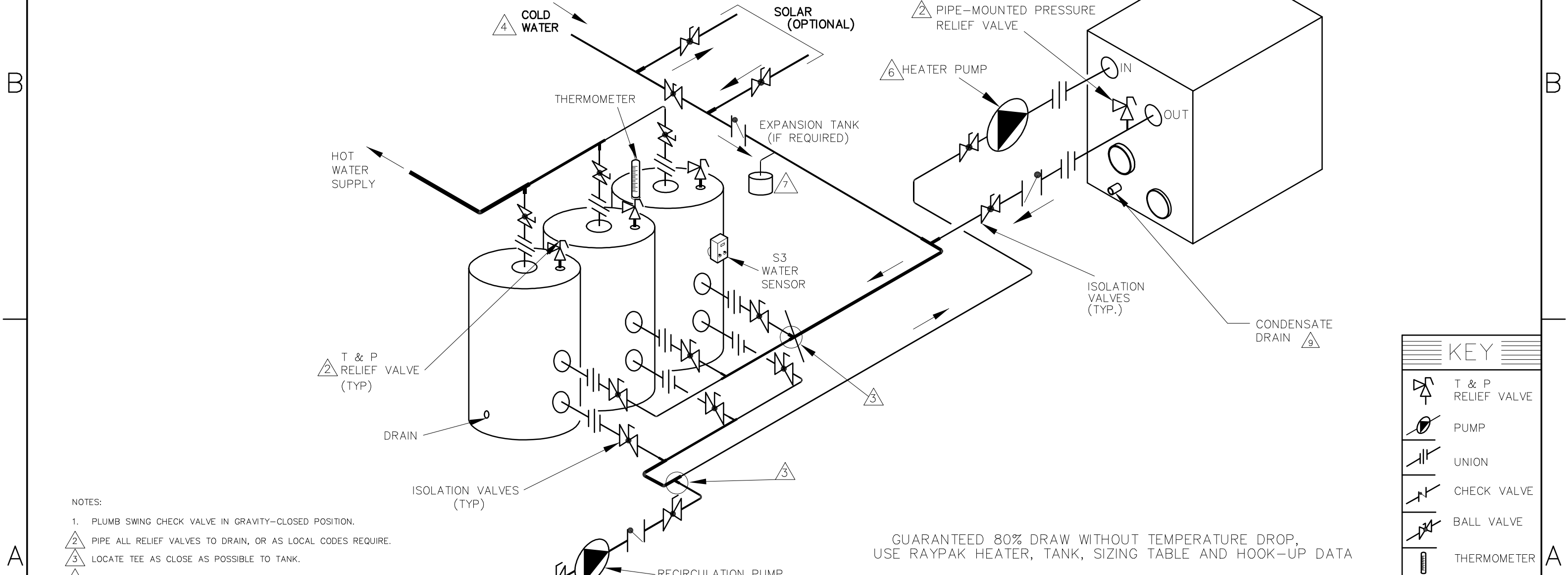


XFIIRE PIPE SIZES		
	1 UNIT PORT	MAX FLOW
300B	2	38
400B	2	50
500B	2	62
650B	2	80
800B	2	90
1000B	2-1/2	90

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

REVISIONS					
REV	DESCRIPTION	E.O.	BY	DATE	CHECK
0	INITIAL RELEASE. SUPERSEDES 8736.		RAN	2-10-20	



- NOTES:
1. PLUMB SWING CHECK VALVE IN GRAVITY-CLOSED POSITION.
  2. PIPE ALL RELIEF VALVES TO DRAIN, OR AS LOCAL CODES REQUIRE.
  3. LOCATE TEE AS CLOSE AS POSSIBLE TO TANK.
  4. INSTALL COLD WATER BETWEEN HEATER OUTLET AND TANK.
  5. SEE CHART "MINIMUM PIPE SIZES" FOR MINIMUM PIPE SIZES. PIPE SIZES CALCULATED AT MAXIMUM FLOW.
  6. SIZING BASED ON HEATER AND TANK BEING PLACED FIVE FEET APART, IF DISTANCE IS GREATER, THE PUMP MUST BE SIZED TO ACCOMMODATE INCREASE IN PIPING-RELATED LOSSES.
  7. 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.
  8. IF HOT WATER SETPOINT EXCEEDS 150°F WITH MAX FLOW, SPECIFY TYPE "H" - BOILERS INSTEAD OF "WH" WATER HEATERS.
  9. CONDENSATE MUST BE PIPED TO AN APPROVED DRAIN. LOCAL CODE MAY REQUIRE PH TREATMENT PRIOR TO DRAIN.

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

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

ACAD: 8900.DWG  
 HEATER SHOWN REPRESENTS VARIOUS MODELS. BECAUSE INDIVIDUAL MODELS WILL VARY IN DESIGN AND SIZING, SEE EACH SPECIFIC HEATER TYPE FOR DETAILS.

0068	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	DATE		OXNARD, CALIFORNIA
	CHECKED	DATE				
	DRAWN	DATE	E.O.	SCALE		
	R NASH	2-10-2020	SPR	NONE		
TITLE		RAYPAK PROPRIETARY AND CONFIDENTIAL INFORMATION This drawing contains Confidential and Proprietary Information of Raypak, Inc. All rights reserved by Raypak, Inc.				
PIPING, UNI-TEMP 80: 1 XFIIRE, 3 V TANKS						
MAT'L.	SERIES/MODEL	SIZE	DWG. NO.	REV		
	WH	B	8900	0		