



- GENERAL NOTES**
1. All ball valves shown are for system charging and must be locked closed after system is charged.
 2. All plumbing lines in this diagram are insulated unless noted otherwise.
 3. Plumbing waste & hot supply lines serving all plumbing fixtures & appliances are to be insulated.
 4. All solder is to be free of lead content per plumbing codes for potable water, and all plumbing shown in this diagram is to comply with potable water requirements, except solar loop.
 5. All pumps are 12VDC PV direct drive.

Symbol Legend

	Ball Valve #		Normally Closed		Normally Open
	Check Valve #		In-line Flowmeter #		Temperature Probe #
	Pressure Gauge #		Thermostatic Mixing Valve #		BTU Meter #
	Relief Valve #		Automatic Air Release Valve #		
	Expansion Tank #				
	Pump #				

Series Collector Array for Domestic Water & Space Heating
 Dual Sid 20W Pumps (64Watt PV)
 Dual 65 gal. Heat Exchanger Tanks
 BTU Meter (In-line Flow Meter)
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Project: SDHW&SH
Drawn by: CAS
Date: 12/05/05
Scale: NOT TO SCALE
Title: 4SP20DualHEPV.dwg