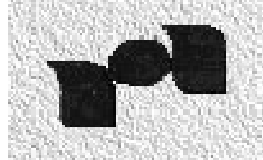


- GENERAL NOTE :**
1. ADD ISOLATION VALVES AND UNIONS AS NEEDED.
- KEYED NOTES :**
- 1 KINGSpan, HP-450 SOLAR COLLECTOR, INSTALL UP TO 6 COLLECTORS IN SERIES.
 - 2 INSTALL RTD INTO THERMOWELL ON LAST COLLECTOR OUTLET ON EVERY ROW OF COLLECTORS AS SHOWN TO SENSE TEMPERATURE IN COLLECTOR HEADER (BY CONTROLS CONTRACTOR).
 - 3 3/4" HATLP-RA-LP-165 THERMAL BALANCING VALVE (REVERSE ACTING). SET POINT 165 DEG.F.
 - 4 INSTALL MANUAL THREE-WAY BALL VALVE CONNECTED AS SHOWN FOR OUTLET ISOLATION AND PRESSURE BLEED OF A COLLECTOR ROW.
 - 5 INSTALL MANUAL SHUT OFF BALL VALVE CONNECTED AS SHOWN FOR INLET ISOLATION OF A COLLECTOR ROW.

09/16/12-17:11 PATH: AC-02V15

	RAND ASSOCIATES INCORPORATED		
	Large Solar Array Flow Diagram A/C Re-Heat		
PIPING DIAGRAM	Size: B	FSCM No: -	Version: 15
	Drawn By: BLW	Scale: NONE	Date: 09.16.2012 Sheet: 1 of 1