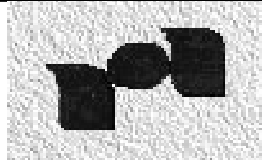


GENERAL NOTE :

1. ADD ISOLATION VALVES AND UNIONS AS NEEDED.

KEYED NOTES :

- ① KINGSKAN, 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.



RAND ASSOCIATES INCORPORATED
 Large Solar Array Flow Diagram
 A/C Reheat

PIPING
 DIAGRAM

Size: B	FSCM No: -	Drawing No: AC-1	Version: 15
Drawn By: BLW	Scale: NONE	Date: 6-22-12	Sheet: 1 of 1

09/16/12-16:11 PATH: AC-01v15