



1/4" PER FOOT OF SLOPE REQUIRED,  
IN THE DIRECTION INDICATED BY THE  
ARROWS ABOVE THE COLLECTORS

Notes:

1. Solar return line needs to terminate above the water level of the atmospheric tank
2. All pumps connected to the atmospheric tank should be installed at least 1 foot below the level of the tank
3. Recommended Flow rate is 10.0 GPM.
4. Maximum Tank Storage Temperature - 160°
5. System to be filled with Softened Water.
6. Supply and return lines to be Type L Copper or better.

ITEM	DESCRIPTION	QTY
17		
16		
15		
14		
13	Differential Control	1
12	P & T Valve	1
11	Flow Meter (Optional)	1
10	Fill Valve	1
9	Y-Strainer	1
8	Balancing Valve	2
7	Drain Valve	6
6	Isolation Valve	7
5	81-12 Expansion Tank	1
4	Star 1/2 HP Flow Pump	1
3	WLO Star 240 Flow Pump	1
2	8" x 12" x 50 Heat Exchanger	1
1	4" x 8" Silver SolarHOT Collectors	6

REVISIONS

NO.	REVISION	DATE	BY
1	As per notes and specifications	11/20/08	BT
2	As per notes and specifications	11/20/08	BT

DESIGNED BY	Bob Thompson	DATE	9/7/08
CHECKED BY		DATE	
APPROVED BY		DATE	

PROJECT	NIKKI BEACH ROOF COLLECTOR ARRAY LAYOUT
SCALE	1" = 1'
DATE	11/20/08
BY	BT
NO.	2

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