Solar Design Request Survey

Job Name ___________________________________________ Date ____________________________

Person Making Request________________________________ Contact #______________________________

Company__________________________________ Address_________________________________________________________

Phone # __________________ Fax #________________________ E-mail________________________________________

Additional Contacts (If not listed above)

Roth Sales Contact_________________________________________________________ Manufacturer’s Rep._____________________

Wholesaler________________________________________________ Contractor______________________________________________

Contact__________________________________________________________ Contractor______________________________________________

Phone#________________________ Phone #________________________

Unit of measure (check one) - U. S. gallons (G) Liters (L) Imperial gallons (I) / °F / °C / ft / m

System Type (Check all that apply) Domestic Hot Water Space Heating Pool Heating

Domestic Hot Water

Residential - Average daily usage _________ G/L/I or # of occupants _________ # of bathrooms _________

Special usage - Whirlpool tub, Shop, Animal barn, other (specify) _________ Average daily usage _________ G/L/I

Commercial - Usage type ____________________________________________ Average daily usage _________ G/L/I

Recirculation loop Y N

DHW Temperature required ___________ °F/°C Desired solar coverage: 30% 40% 50% 60% 70% _____%

Existing domestic water heating method: Tank Tankless Indirect Other_______ Fuel Type: Oil NG LP Electric Other_______

Space Heating

Size of heated area ___________ ft² / m² Building Heat Load ___________ Btu/hr / kW h

Installed boiler output ___________ Btu/hr / kW h Fuel type: Oil NG LP Electric Wood Other_______

System Type: Baseboard Radiant Hydro-Air Panel Radiators Other (specify) ______________________________________

Temperature Required _________ °F / °C % of Heat load required _________%

Swimming Pool

Type: Indoor In-ground Above Ground Pool cover: Y N Months of Use: ___________ to ___________

Size: Rectangular: L _____ft / m W _____ft / m D _____ft / m Round: Diameter _____ft / m D _____ft / m

Existing heater: Y N If yes: Output ___________ Btu/hr / kW h Fuel type: Oil NG LP Electric

Desired water Temperature _________ °F / °C Filter pump flow capacity _________ G/L/I/minute
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Site Survey

Address of Site ___________________________________________ City ________________________ State _____

Mounting Method:         Sloped Roof            Flat Roof          Side Wall          Ground          Other (specify) ________________

Roof Type:      Shingled         Tile          Slate          Tar and Gravel          Rubber          Other (Specify) ________________

Roof Condition:                 New          Aged but Solid           Poor Condition (recommend replacement before installation)

Area available for solar array:    Primary Area     L _________ W _________     Secondary Area:     L _________ W _________

Shade Concerns:       Trees              Buildings       Overhangs    Notes:_________________________________________________

Location of Mechanical Room: ________________________________________________________________________________

Supply and Return Piping Path: ________________________________________________________________________________

Collector Type & Attachment Set

<table>
<thead>
<tr>
<th>Collector Type</th>
<th>Parallel Sloped Roof</th>
<th>Ground</th>
<th>Flat Roof</th>
<th>Elevated on Sloped Roof</th>
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<tbody>
<tr>
<td>Heliostar 252</td>
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<tr>
<td>R1 Evacuated Tube</td>
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Collector Array Orientation

Angle of Azimuth - _________ ° from True South (0°)

Angle of Inclination - _________ ° from horizontal

Notes:_____________________________________________________________________________________________________

_________________________________________________________________________________________________________

_________________________________________________________________________________________________________

For questions or more information: Call 888-266-7684 USA or 800-969-7684 CAN or visit our website at www.roth-usa.com