

# NTS Site Assessment



## Customer Data

Property Owner Name:	Owner Phone #:
Site Address	Zip Code
Mailing Address (if different)	Zip Code
Email Address:	Size of home (ft <sup>2</sup> )
Number of Occupants:	Home Type
Number of Stories:	<input type="checkbox"/> Single <input type="checkbox"/> Duplex <input type="checkbox"/> Row <input type="checkbox"/> Other
Jurisdictional Authority:	Condition of Roof: Age: _____ Type: _____

## Solar Assessment

Orientation	Slope	Area	Shading (1)	Height	Potential

(Insert 1 answer from each list in empty space above)

<b>SE</b> <b>SW</b> <b>W &amp; SE</b> <b>S (&amp; flat)</b>	<b>OK</b> - Adequate roof slope - 20° - 60° <b>Flat</b> <b>No</b> - outside of adequate range	<b>OK</b> - enough for two collectors <b>1</b> - restricted area <b>No</b> - inadequate area	<b>OK</b> - no shading (10am - 2pm) <b>Poor</b> - some shading but fixable <b>No</b> - extensive shading	Installation on: <b>1</b> - 1 story <b>2</b> - 2 story <b>3</b> - 3 story	<b>OK</b> - no solar access problems <b>Poor</b> <b>No</b>
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<sup>(1)</sup> To determine % of shading, use Solar Pathfinder

Roof Sketch:

Include: direction, roof lines, street location & possible solar system location, length of external piping, length of piping inside to pump, tank.

## Application Determination

**For All Applications:**

Existing Boiler or BTU/hour, Boiler Mfgr., Furnace, Other, Model #s (may not apply):
Length of piping to/from collector field:
Type of System considered (Pool, SHW, SHW & Space heating, Industrial, etc.):

## Current Hot Water System(s)

Model #:	Manufacturer:
Age:	Capacity (Gallons) <sup>(2)</sup>
Energy Source: <input type="checkbox"/> Natural Gas <input type="checkbox"/> Electricity <input type="checkbox"/> Other _____	
Heater Type: <input type="checkbox"/> Tank <input type="checkbox"/> Instantaneous <input type="checkbox"/> Part of combination system <input type="checkbox"/> High Efficiency	
Estimate of Water Heater Efficiency:	
Condition of Water Heater: <input type="checkbox"/> Good <input type="checkbox"/> Poor <input type="checkbox"/> Needs to be Replaced	Estimated R Value of Tank (Mfr specs):

<sup>(2)</sup> Estimate hot water usage: 20 gal per person-first 2 family members, 15 gals / additional persons

Should the water heater be replaced before a SHW System is installed?	Yes / No
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## Plumbing Assessment

Check for backflow preventer in coldwater inlet:	Check water pressure at house:
Check local codes for thermostatic mixing valve requirements. This is not part of the NTS system and must be ordered separately. NTS recommended part: _____	

## Space Heating:

Type of Building:	Age of Building:	Heated Area (sq. ft.):
Input / Output temps from boiler:		Type of Heating: <input type="checkbox"/> Forced Air <input type="checkbox"/> Water <input type="checkbox"/> Radiant <input type="checkbox"/> Combo of Baseboard / Radiant (High/low)

## Industrial Heat Process:

Input Water Temperature:	Output Water Temperature Required:
Gallons per Minute Required:	Load Times (I.e. 24/7 / first 30 mins of each hr. / 8 to 5, etc.)

Additional Notes: