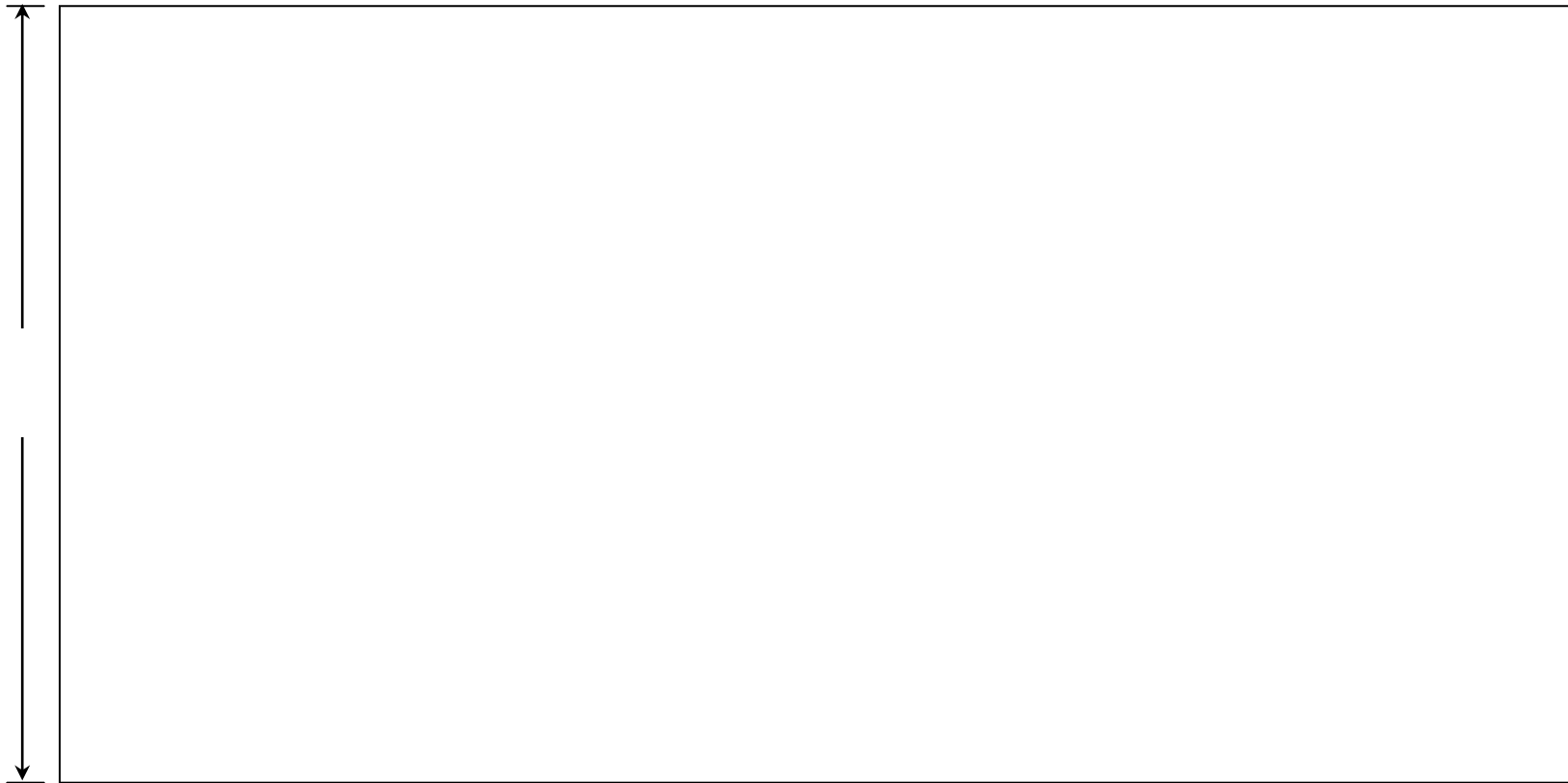




### Electric Thermal Storage (ETS) Floor Plan Worksheet

Instructions:

Use the diagram to sketch out the floor plan of your home. This is optional if you prefer to give only the dimensions on Page 2. Accuracy isn't paramount but the count on windows and doors is. Rough in your floor plan and then record the information in the table. We will use the data for a preliminary estimate and when you decide to proceed, we will send someone to get exact measurements.







**Insulation Values** – Insulation is rated by its R-value, which measures its thermal resistance or how well it holds back heat. The higher the R-value the better. R-value is proportional to the insulation’s thickness, but is also depends on the type of material and its density. The more air pockets an insulating product has, the higher the R-value. For example, R-38 insulation may be 12 inches of fiberglass batts, 10 inches of rock wool loose-fill or 7 inches of expanding foam. Also important is proper installation so that the air volume of the insulation is at its maximum. For example, jamming 12 inches of fiberglass insulation into a 6 inch space substantially reduces the overall R-value.

To determine your insulation value you will need to measure the amount of existing insulation. To determine the R-value, use the below chart (rounded to the nearest even number).

Type of Insulation:	Cellulose	Fiberglass	Rock Wool
R-value per inch:	3.5	2.45	3.15

Example; 16 inches of fiberglass insulation x 2.45 = 39.20 (rounded to 38). R-value = R38

<u>Wall Insulation Level</u> ( select one )	
NO INSULATION	[ ____ ]
R6	[ ____ ]
R8	[ ____ ]
R10	[ ____ ]
R12	[ ____ ]
R20	[ ____ ]

<u>Ceiling Insulation Level</u> ( select one )	
NO INSULATION	[ _____ ]
R12	[ _____ ]
R20	[ _____ ]
R26	[ _____ ]
R32	[ _____ ]
R40	[ _____ ]

**BASEMENT**

Insulation between joists? \_\_\_\_\_ If yes, joist depth: \_\_\_\_\_

Heated? \_\_\_\_\_ If not heated, plan to heat? \_\_\_\_\_



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Type of Exterior Doors

Wood \_\_\_\_\_  
Wood C/W Storm \_\_\_\_\_  
Insulating Metal \_\_\_\_\_  
Sliding Glass \_\_\_\_\_

Types of Windows

Single Pane \_\_\_\_\_  
Double Pane \_\_\_\_\_  
Triple Pane \_\_\_\_\_

Type of Foundation

Crawl Space \_\_\_\_\_  
Basement \_\_\_\_\_  
Walkout \_\_\_\_\_

General Information:

Current Heating System

Oil Hot Water Baseboard \_\_\_\_\_  
Oil Forced Air \_\_\_\_\_  
Electric Baseboard \_\_\_\_\_  
Propane Forced Air \_\_\_\_\_  
Other-please indicate \_\_\_\_\_

Age of Home: \_\_\_\_\_

Electric Hot Water Heater: \_\_\_Y\_\_\_ N

Desired temperature set point (the temperature you keep your home while it is occupied or during waking hours).  
Degrees: \_\_\_\_\_

Unusual details we should know about:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Owner Information

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_  
e-mail: \_\_\_\_\_