



Construction Specifications Sheet

Required For Home Energy Ratings/ENERGY STAR Performance Path

Please attach to plans, e-mail or fax to your EarthCraft Virginia Technical Assistant Provider/Inspector. Also, please make sure to indicate on all plans that are submitted for review: ceiling heights, tray & vault dimensions and any unconditioned areas of house. Please fill out all construction components listed on this form as completely as possible. This form is 2 pages – please read thoroughly.

As a part of the design review, I authorize the information provided on this construction specifications sheet be used by EarthCraft Virginia or their representative(s) to seek verification/certification toward attaining the EarthCraft House Certification for this project.

Builder Signature: _____

Builder Name		Office #	
Site Superintendent		Mobile #	
Project Name			
City (or nearest) State, County			
Lot # or address			

ORIENTATION	N	NE	E	SE	S	SW	W	NW
Front faces								

INSULATION	R-value or Inches of Foam		Insulation Type
<i>Location</i> Circle or explain where appropriate	<i>Cavity</i>	<i>Continuous</i>	<i>Fiberglass, Cellulose, Open-cell foam, Closed-cell foam</i>
Exterior Walls			
Floor over Bsmt/Crawl/Garage			
Cantilevered Floors			
Flat Ceilings			
Tray Ceilings			
Vaulted or Sloped Ceilings			
Attic Kneewalls			
Rim/Band Joists			
Poured Bsmt or Crawl Walls Specify whether int. or ext. sheathed			
Framed Bsmt Walls			
Under slab or slab edge, specify			

GLAZING	U-Factor	SHGC	TYPE
Main windows			
French Doors			
Glass in Solid Doors			
Skylights			

SOLID DOORS

-Check type, specify R-value when available

	<i>Wood, Solid core</i> Give Thickness	<i>Wood Panel</i> Give Thickness	<i>Metal - Polystyrene Core</i>	<i>Metal - Polyurethane Core</i>	<i>Other -</i> Give R-Value or U-Value
<i>Doors</i>					

HVAC SYSTEMS

-Air handler location

	<i>Make</i>	<i>Model</i>	<i>AFUE or HSPF</i>	<i>SEER</i>	<i>Capacity -</i> Output in btu/h or tons	
					<i>Heating</i>	<i>Cooling</i>

Geothermal heat pumps, solar water heating, and PV require separate spec sheet - Request from EarthCraft Virginia.

MECHANICAL VENTILATION

On which units? Circle or Underline

<i>Fresh/outside air intakes</i>					
		1	2	3	4
<i>Type (circle or underline→)</i>	<i>Supply Only</i>	<i>Exhaust Only</i>	<i>Balanced</i>		
<i>Duct size:</i>	<i>Rate (CFM):</i>	<i>Hours/Day:</i>	<i>Fan Watts:</i>		
When using ventilation controllers, check here____. When using ERV/HRV, enter specs below.					
<i>Sensible Recovery Efficiencies (%):</i>		<i>Total Recovery Efficiencies (%):</i>			

WATER HEATING

- Locations

	<i>Make</i>	<i>Model</i>	<i>Energy Factor</i>	<i>Fuel Type</i>	<i>Capacity</i> Or Tankless	<i>Extra Insulation?</i>

LIGHTS & APPLIANCES

	<i>Dishwasher</i>		<i>Refrigerator</i>		<i># of Ceiling Fans?</i>	<i>Clothes Dryer Fuel Source?</i>	<i>Oven Range Fuel Source?</i>
	Yes	No	Yes	No			
<i>Energy Star?</i>							
<i>Model →</i>							

Please complete and return to: EarthCraft Virginia, 1431 W. Main St., Richmond VA, 23220.

FAX: 804-562-4159 or Email: admin@earthcraftvirginia.org.