



2009 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.*

Builder Name		Office #	
Site Superintendent		Mobile #	
Project Name			
City (or nearest) State, County			
Building & Unit name			

ORIENTATION	N	NE	E	SE	S	SW	W	NW
Front faces								

INSULATION	R-value or Inches of Foam		Insulation Type
Location <small>Circle or explain where appropriate</small>	Cavity	Continuous	Fiberglass, Cellulose, Open-cell foam, Closed-cell foam
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 <small>Specify whether int. or ext. sheathed</small>			
Framed Bsmt Walls			
Under slab or slab edge, <small>specify</small>			

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

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
Front Door					
Back Door					
Door to Garage					
Other:					

HVAC SYSTEMS -Air handler location	<i>Make</i>	<i>Model</i>	<i>AFUE or HSPF</i>	<i>Number of Returns</i>	<i>SEER</i>	<i>Sensible Heat Ratio</i>	<i>Capacity -</i> Output in btu/h or tons	
							Heating	Cooling

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

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

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 West Main Street, Richmond VA, 23220.
 FAX: (804) 562-4159 or Email: admin@earthcraftvirginia.org.