



## Haywood County Inspections Department

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# Energy Efficiency

In order to insure compliance with the energy efficiency requirements of the North Carolina Residential Code, the following information must be supplied at the time of permit application by the contractor / owner. In lieu of the following information, a printout of **Rescheck** for the 2006 IECC shall be permitted to demonstrate compliance. **Rescheck** is available for download on the web at [www.energycodes.gov](http://www.energycodes.gov).

- Total sq. ft. of heated area on the **main floor** of dwelling (*length X width*) = \_\_\_\_\_ sq. ft.
- Total sq. ft. of **all exterior walls of heated area** (*length of walls X height*) =  
Frame: \_\_\_\_\_ sq. ft. Log: \_\_\_\_\_ sq. ft. Log thickness: \_\_\_\_\_
- Total sq. ft. of windows in exterior walls of heated area = \_\_\_\_\_ sq. ft.  
Check if: Metal clad  Vinyl clad  Wood  Low-E
- Total sq. ft. of exterior doors in heated area (*do not include garage doors*)  
Doors containing less than 50% glass area = \_\_\_\_\_ sq. ft.  
Doors containing 50% or more glass area = \_\_\_\_\_ sq. ft.
- Proposed R-values (*minimums are R-38 in ceiling, R-13 in walls, and R-19 in floor*)  
Ceiling = \_\_\_\_\_ \* Wall = \_\_\_\_\_ Floor = \_\_\_\_\_  
For log walls, enter "0". Log wall R-values are base on log thickness and will be automatically calculated.
- For heated basements enter the length floor slab edge exposed to the outside: \_\_\_\_\_ ft.
- U-value of glazing in windows and doors. (required) \_\_\_\_\_
- \* SHGC (Solar Heat/Gain Coefficient) of glazing in windows and doors. (required) \_\_\_\_\_  
\* This value can not exceed 0.40.