

R-2000*



R-2000 Information for the Home Designer

If you are asked to work on R-2000 homes there are some things you need to be aware of. R-2000 is a higher standard of building and your cooperation will be required to help the builder complete a successful R-2000 certified home.

As a designer working on an R-2000 certified home you will need to be aware of the following:

- R-2000 homes often have increased R-value items such as rigid foam insulation on the exterior. You will need to allow for any additional space required for this added R-value.
- R-2000 homes aim for significant energy savings. More corners and jogs in a design equal higher energy use. Try to minimize these by using false build-outs to create the architectural features you or your client desire.
- R-2000 homes usually incorporate raised-heel trusses in their construction. This can affect the exterior look of the rooflines slightly and should be taken into account when designing the elevation, presentation drawings and cross-sectional views.
- The location of the HRV (Heat Recovery Ventilator), heating system, and any other mechanicals needs to be marked on the plan for all sub-trades.
- If you know that the home is going to be R-2000 certified it should be clearly marked on each page of the plan to alert everyone involved with the construction process that it is R-2000.

* The above list covers the basic areas of the R-2000 requirements and is not a complete list. For more information on the R-2000 program contact HAWK-EYE Technical Services Inc. at (902) 431-8453 or visit their website at www.hawkeyetechnical.com