

# GREEN BUILDING GUIDANCE DOCUMENT

## REBUILD NC PROGRAM GREEN BUILDING DETAILS

All ReBuild NC construction activities must comply with Green Building Standards, as described in 85 FR 4681.



Reconstruction projects will adhere to the Home Energy Rating System (HERS) or an equivalent Green Building Design, and all reconstructed homes will be inspected to ensure that they meet the Green Building Standards.

Rehabilitation projects will follow the requirements included in the CPD Green Building Retrofit Checklist, and program contractors will be required to certify that all materials and products meet the checklist standards.

The Program will include estimates of the necessary materials, products, and labor needed to meet these standards in all construction estimates for both reconstruction and rehabilitation projects.

### FOR MORE INFORMATION, VISIT THE FOLLOWING LINKS:



#### HOME ENERGY RATING SYSTEM (HERS) WEBSITE:

[www.hersindex.com](http://www.hersindex.com)



#### GREEN BUILDING RETROFIT CHECKLIST:

[www.hudexchange.info/resource/3684/guidance-on-the-cpd-green-building-checklist](http://www.hudexchange.info/resource/3684/guidance-on-the-cpd-green-building-checklist)



ReBuild NC supports Fair Housing/  
Equal Employment Opportunity/ADA  
Accessibility

NCORR is a division of the NC  
Department of Public Safety.

# HOW CAN GREEN BUILDING HELP YOU?

## SAVES YOU MONEY



- **Upfront investment in green building makes properties more valuable,** with an average expected increase in value of 4 percent. Green retrofit projects are generally expected to pay for themselves in just seven years.
- **Green buildings reduce day-to-day costs year-over-year.** In addition to reducing utility bills, an energy-efficient home may save some costs during construction and will ultimately provide you with a more comfortable home.

## KEEPS YOU HEALTHY



- The EPA estimates that indoor air pollution may be 2 to 5 times worse, and sometimes more than 100 times worse, than outdoor air quality.
- **Green buildings incorporate healthy ventilation systems and use of non-toxic building materials.**

## HELPS THE ENVIRONMENT



- Buildings are positioned to have an enormous impact on the environment and climate change. At 41 percent of total U.S. energy consumption, **buildings out consume the industrial (30 percent) and transportation (29 percent) sectors.**
- Retrofitting one out of every 100 American homes with water-efficient fixtures could avoid about 80,000 tons of greenhouse gas emissions, **which is the equivalent of removing 15,000 cars from the road for one year.**