



Green BuiltTM North Texas

-A Home Builders Association Initiative



Site Management and Waste Reduction:

Green Built North Texas homes incorporate efficient site management and waste reduction practices on the jobsite in order to help reduce the environmental impact of the home while under construction. These practices and principles include tree preservation and protection, recycling measures and storm water control systems designed for the site.



WASTE

Material Usage:

Green Built North Texas homes start with the consideration of the environment at the design phase, when material selection occurs. For instance, Green Built North Texas homes use environmentally friendly engineered lumber products. These products help optimize lumber resources since 50% or more of the log is converted into structural lumber.



MATERIALS

Green Built North Texas homes are also built with sustainability in mind. Drainage considerations, weatherization techniques and durable cladding materials help minimize the effects of our harsh climate.

Water Efficiency:

Preserving water resources is important to all North Texans, and Green Built North Texas homes are designed to conserve water both indoors and out. More efficient water delivery systems indoors combined with drought-tolerant landscaping choices and smart irrigation systems outdoors help extend current water resources. Buyers should discuss other GBNT offerings with their builder such as rainwater catchment and additional water saving appliances to maximize water savings.



WATER

Energy Efficiency:

Energy consumption is of paramount concern to today's homebuyers due to financial and far-reaching environmental impacts. In addition, each home consumes energy year after year, meaning that the environmental impacts associated with that use accrue over time. Therefore, energy conservation is an integral part of all Green Built North Texas homes.



ENERGY

Green Built North Texas homes are certified to meet the EPA's ENERGY STAR performance standard. With the help of independent Home Energy Raters, Green Built North Texas builders choose the most appropriate energy-saving features for their homes in order to obtain ENERGY STAR certification. Raters conduct onsite testing and inspections to verify the energy efficiency measures, as well as insulation and air tightness. Upon completion of the verification process, the home obtains ENERGY STAR certification and is scored on the HERS (Home Energy Rating Systems) Index.



INDOOR AIR

The HERS Index is a scoring system established by the Residential Energy Services Network (RESNET) in which a home built to basic code specifications scores a HERS Index of 100. The lower a home's HERS Index, the more energy efficient it is in comparison to the Reference Home. Each 1-point decrease in the HERS Index roughly corresponds to a 1% reduction in energy consumption compared to the Reference Home.

Indoor Air Quality:

Following energy efficiency, consumers often cite the home's indoor air quality as the most important feature of their home. Sensitivities to chemicals that can be emitted from construction and home furnishing materials are becoming more common and Green Built North Texas homes aim to mitigate the effects of potential contaminants. Through proper design, ventilation and filtering the source of contaminants can be controlled, diluted and/or captured. This aspect is particularly important in North Central Texas, where high levels of allergens and pollen are often reported.



EDUCATION

Homeowner Education:

A builder can do only so much when it comes to how the home will perform. Homeowners play a big role in their home's performance and, therefore, should take the utmost care to operate their Green Built North Texas home as it was intended. Ongoing and timely preventative maintenance helps ensure a healthy, resource-efficient home for years to come.