

Every home built by Carter Construction will include the following:

ENERGY STAR® QUALIFIED

We are proud to offer new homes that have earned the ENERGY STAR® label. ENERGY STAR® qualified new homes are substantially more energy efficient than homes built to the minimum code requirements. Our ENERGY STAR® qualified new homes are independently verified by a third-party Home Energy Rater to ensure they meet ENERGY STAR® energy efficiency guidelines. These homes are better for the environment and better for you. Learn more about ENERGY STAR® qualified new homes at <http://www.energystar.gov/>.

INSULATED CONCRETE FORMS (ICF)

Durable and composed of non-cellulose materials, ICF has an insulation level more than double that of conventional frame construction. ICF construction also provides enhanced strength that withstands high winds, water intrusion, and air borne debris damage. It also reduces sound transmission, has a Class A fire rating, improved indoor air quality and durability. LEARN MORE ABOUT ICF AND WHY IT'S THE BEST WAY TO BUILD YOUR HOME.

HVAC

The air handler and ductwork are located in conditioned space to provide greater operating efficiency, minimize impact of duct leakage, and provide greater comfort. This balanced with a high efficiency (up to SEER 18) two speed compressor, which operates 75 percent of the time at low speed for normal cooling requirements and 25 percent of the time at high speed for more demanding conditions.

ICYNENE INSULATION

A foam insulation which is sprayed into walls floors and ceilings. Sprayed on as a liquid, it expands in seconds to create a superior insulation and air barrier. Icynene is the only insulation product certified by the Envirodesic program for

maximizing indoor air quality. It is recommended for individuals who are chemically sensitive. It contains no formaldehyde and does not emit any detectable emissions. It uses no HCFCs which are common in other foams and are harmful to the environment. By controlling air leakage your home will perform 30 %- 50% better than with traditional insulation methods.

WINDOWS

Double-paned, low e-coated ENERGY STAR windows improve comfort and decrease energy costs by reducing the amount of outside heat that passes through the windows.

LIGHTING

ENERGY STAR compact fluorescent light bulbs and lighting fixtures produce the same amount of light as incandescent bulbs while consuming 50 to 80 percent less energy.

HOT WATER

A Takagi hot water system provides hot water on demand eliminating the need and space required for hot water storage.

ATTIC DUCT PLENUM

A centralized duct plenum can be designed into the roof trusses to house second floor ducts in conditioned space without compromising ceiling height. This plenum allows for centralized and shorter duct runs.

HOME RUN PLUMBING SYSTEM (PEX)

Provides durable, lead free corrosion resistant water distribution. Benefits of this system include: faster hot water delivery, minimized number of fittings, reduced water and energy waste, centralized shut-off valve location, quiet

operation, dedicated distribution, color coded hot and cold water supplies.

TERMI MESH TERMITE BARRIER

A termite barrier that prevents termite intrusion without using chemicals harmful to the environment. Borate treated wood is a green alternative to traditional chromated copper arsenate treated wood, which can leak arsenic into the ground. These choices help ensure the homes remain termite and rot-free.

BORATE TREATED TRUSSES

Trusses treated with borate instead of your typical chemicals which are harmful to the environment.

ADDITIONAL CHOICES:

- Steel Interior Framing
- Water Conserving plumbing fixtures
- Low VOC paints
- Central Vac
- Formaldehyde –free insulation
- Non-textile flooring
- Mastic sealed ductwork