

Smart Resource Management



Before designing a new home, all aspects of energy efficiency should be considered, especially building design and construction. Attentive builders are always looking for ways to simultaneously improve construction while cutting costs and maintaining energy compliance codes. Structural integrity paired with energy-saving features are a win-win – employing these techniques reduces waste, optimizes material use, increases a home's energy efficiency, and ultimately saves the homeowner money.

FEATURES

BENEFITS

Advanced framing techniques are implemented to optimize material and usage. Building dimensions and layouts are designed to reduce waste. Building materials that do not require site-applied finishes are used

Conserves natural resources and reduces waste and landfill usage

Appropriate roof overhangs and a drip edge are provided

Provides additional protection for fascia, trim, siding and windows from exposure to rain which enhances durability.

The lot is graded so that water will flow away from the edge of the home and enhanced foundation waterproofing is installed

Effective site drainage helps prevent wet basements and erosion to ensure the durability of the foundation and protect the home and its contents.

An ice barrier is installed in areas where there is a history of ice forming along the eaves, causing a back-up of water

Prevent water leakage and associated damage from ice dams. Ice dams are thick ridges of ice that build up along the eaves, which can tear off gutters, loosen shingles and cause water to back up and pour into the house.

On-site recycling

At least 50% of waste from the construction process is recycled so that the amount of solid waste going to the landfill is significantly reduced. Reducing waste on the construction site often leads the builder to use construction materials more efficiently, which helps reduce costs for the consumer.