



109 FLYWAY – GREEN Features

SUSTAINABLE SITES

This home not only minimizes its impact on the site, but is seeking to restore naturalized areas that had previously been landscaped. Trees are being protected, soil compaction corrected, and drought tolerant and native plants are being used extensively. Shade providing trees are being utilized to minimize the heat-island effect; and, permeable surfaces, such as the driveway and pavers, are being used to minimize the opportunity of storm water runoff.

WATER EFFICIENCY

A number of water conservation products are utilized such as low flow faucets, showers and dual flush toilets. High efficiency irrigation systems will minimize watering usage for the landscaping. Combined with ENERGY STAR dishwashers, the water conservation features of this home will save approximately 20,000 gallons of water per year. The inclusion of a front loading washing machine further reduces the water usage for the home by another 10,000 gallons per year.

ENERGY AND ATMOSPHERE

This home is being constructed to be 35% more energy efficient than standard code built home. Each home will have low – E windows installed to reduce the amount of heat gained from the sun. This is combined with spray foam insulation, compact fluorescent light bulbs, ENERGY STAR appliances, on demand water heaters, high-efficiency HVAC equipment, air tight building construction practices, and minimum duct leakage. All of these construction practices lead to increased energy efficiency. Each home will be performance tested by an independent third party to ensure that the home meets the minimum air leakage. A minimum duct leakage requirement is needed