living GREEN

LEED SILVER CERTIFIED

WHAT IS LEED FOR HOMES?

LEED for Homes is a system developed by the U.S. Green Building Council (USGBC) for the purpose of rating and recognizing homes built to a more sustainable standard than conventional homes built to code. LEED stands for Leadership in Energy and Environmental Design, which was developed for the purpose of transforming the mainstream building industry by promoting and encouraging best practices for environmental design, construction, and property management.

In many ways, the LEED system is meant to be like a nutrition label on a box of cereal. By standardizing how to measure the performance of buildings, you can compare one building to another against a list of set criteria. This allows homeowners, tenants, and building managers to assess the relative impact a building has on the environment, in terms of energy usage and water consumption, and occupant satisfaction.

WHY IS A LEED APARTMENT HOME RIGHT FOR ME?

LEED-certified homes can have a myriad of benefits for your family, your environmental footprint, and a cost savings for you. Generally, green homes are more comfortable, more energy and water efficient, and have a smaller overall environmental footprint than conventional homes.

VIEW BACK OF CARD FOR MORE INFORMATION >>

LOCATION

IMT Prestonwood has been developed on a site that is within walking distance of restaurants, shops, markets, public transit and other community resources.

ENERGY EFFICIENCY

IMT Prestonwood meets the ENERGY STAR for Homes standard, which is 20%-30% more efficient than standard homes. Select appliances will be ENERGY STAR labeled appliances, and all light fixtures inside the apartment homes use energy efficient lamps. To reduce the use of heating and air conditioning, all windows are high performance to optimize the amount of heat gained and lost through the windows, programmable thermostats help conserve energy as well as lower utility bills, and roof materials have a high reflectivity and insulation value to prevent the building from absorbing solar heat.

WATER EFFICIENCY

To reduce water use, high efficiency faucets, shower heads, low-flow toilets, gas and tankless water heaters are used, which accounts for two thirds of indoor water use. Nearly 30% of potable water consumption is from outdoor water use, so a high efficiency irrigation system is used to control water usage for the landscaping. Also, drought tolerant plants are incorporated in the landscaping to reduce water usage.

SUSTAINABLE SITE

Many precautions were taken to create a sustainable site. Proper site selection ensured that IMT Prestonwood was not built on a habitat which threatened or endangered animals, on land with prime soil, or on a public parkland. No invasive plant species were introduced into the landscaping which promotes negative biodiversity in the surrounding ecosystem. Erosion controls during construction helped to keep contaminated water from polluting nearby waterways. The landscaping provides shading on sidewalks, patios, and driveways to reduce the local heat island effect. Alternative pest control measures have been implemented, which reduce the need for toxic pesticides that can be harmful for families and pets. Lastly, electrical vehicle charging stations are available at preferred parking spots.

CLEAN, FRESH INDOORS

To ensure clean, fresh indoors, adhesives, sealants, paints, and coatings inside the apartment homes have zero or low VOC content, eliminating paint odors and harmful off-gassing chemicals. The building is sealed and insulated to meet the ENERGY STAR for Homes standards to reduce dust, pollen, bugs, and excessive humidity. No fireplaces have been installed to reduce the leakage of combustion gases into the occupied space. All HVAC filters have been installed with a minimum efficiency reporting value of MERV 8 rating to reduce particulate matter from the air supply system. The apartment homes are flushed out with fresh air for 48 hours after building completion to expel any contaminants. Living areas are within 25 feet of windows or doors and allow for natural ventilation. And, all adhesives, sealants, stains and coatings used meet the LEED limits for VOC content.

SMART MATERIAL MANAGEMENT

We use smart methods when managing materials for the construction of IMT Prestonwood. All wood used in the building was harvested within 500 miles and contain no tropical wood. Wood framing was delivered in pre-cut packages to minimize on-site waste. Insulation in the building contains 65% (post- and pre-consumer) recycled content. Concrete and stucco has been extracted, processed, and manufactured within 500 miles of the project. And last but not least, during construction, a minimum of 75% of the waste generated was diverted from landfills.