



## GREEN DESIGN at THE HOMES AT OLD COLONY

### WHAT'S IT ALL ABOUT?

Buildings account for approximately 40% of our nation's energy use and carbon emissions. Meanwhile, the waste generated by new construction and demolition accounts for nearly 25% of municipal waste. Green design is about addressing these and other environmental issues through careful planning, design, and construction. Through measures that include voluntary participation in the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) for Homes program, The Homes at Old Colony have created new apartments that offer energy efficiency, improved indoor air quality, and reduced environmental impact. The residential buildings at Phase One of the Homes at Old Colony achieved a Platinum level certification under LEED for Homes and the Joseph M. Tierney Learning Center achieved a Gold level certification under LEED New Construction. Construction on Phases Two A and B completed in Spring 2014, and these phases anticipate a Platinum certification under LEED for Homes. The Old Colony community as a whole also anticipates a certification under LEED for Neighborhood Development.

### IN YOUR APARTMENT

- Low VOC paints, coatings, and adhesives, which have fewer harmful chemicals
- High efficiency lighting
- Energy Star appliances (kitchen, washer & dryer) and windows
- Flooring (much of which is also made of recycled content) that does not emit harmful chemicals
- High efficiency heating & cooling system
- Water efficient faucets, shower heads and toilets
- Many materials in your apartment and the community – such as steel in the Learning Center – are recycled!

### IN THE COMMUNITY

- Photovoltaics on the roofs that convert solar energy to electricity
- Certified by EPA's Energy Star Homes program
  - Program estimates that the apartments at The Homes at Old Colony will use significantly less energy than traditional apartments
- More than 60% of construction waste was recycled rather than put in a landfill
- Much of the wood used at Old Colony was responsibly and carefully harvested so the forests that it comes from do not shrink over time
- Significant levels of insulation and air sealing throughout building
- High efficiency lighting fixtures, elevator, and HVAC equipment
- Separate trash & recycling chutes to make recycling easier for residents; recycling facilities located throughout the community
- Climate appropriate plantings that require less water
- Stormwater infiltration that allows rainwater to filter directly back into the soil, rather than running off into the street to collect further pollutants
- Storage space for bikes, which are a great alternative to driving

### IN THE NEIGHBORHOOD

- Smart location: walking distance to many attractions, minimizing emissions from cars and other vehicles
  - Red line T stop (Andrew) located less than a mile from the community; bus lines even closer
  - Many shops, restaurants, and other attractions located within walking distance
  - Outdoor recreation areas located within ½ mile