

SUSTAINABLE LIVING GUIDE

Loy Center Neighborhood

What is LEED®?

LEED stands for Leadership in Energy and Environmental Design. It is an internationally recognized program for the design, construction and operation of high-performance green buildings. It is a program of the U.S. Green Building Council. (www.usgbc.org)



LEED® for Homes CREDIT CATEGORIES

- Location & Linkages
- Sustainable Sites
- Water Efficiency
- Energy Efficiency
- Materials & Resources
- Innovation & Design Process
- Indoor Environmental Quality
- Awareness & Education

The six houses in the Loy Center built in 2011 received LEED for Homes Platinum certification.

SUSTAINABLE BUILDING HIGHLIGHTS



installed high-efficiency Energy Star appliances, including a water efficient clothes washer

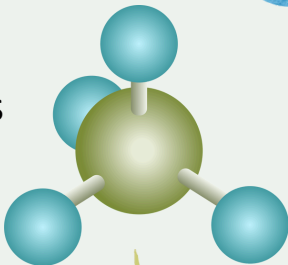


eliminated the need for permanent irrigation, decreasing potable water consumption



installed copious amounts of insulation to reduce thermal fluctuations

used low-emitting materials containing low or no amounts of volatile organic compounds (VOCs)



used regional building materials and products with recycled content



44%

overall energy efficiency was increased by 44% in each house



installed vegetation adapted to the local climate

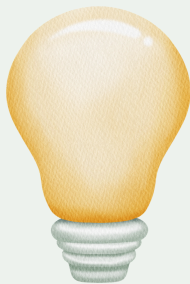


achieved Energy Star status

90%

of construction waste was diverted from the landfill (only applies to 2011 buildings)

installed low-flow toilets, showerheads and other plumbing fixtures



used high-efficiency lighting & mechanical systems

Elon's Green Building Policy (2009) specifies new buildings exceeding 8,000 square feet will pursue LEED certification. The Loy Center Neighborhood Houses completed in 2011 are smaller than this; however, LEED certification was still pursued. This demonstrates Elon's commitment to sustainable design and construction practices. LEED for Homes is unique because it is specific to residences and includes additional credit categories of Location & Linkages and Awareness & Education. The following Loy Center Neighborhood Houses received LEED for Homes Platinum certification: N, O, P, Q, R & S.

For more information, visit elon.edu/sustainability

ELON SUSTAINABILITY