

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)



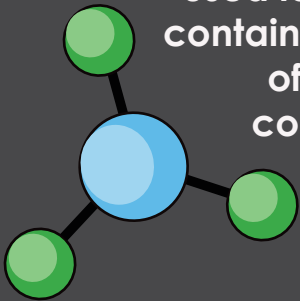
The six houses in the Loy Center built in 2011 received LEED for Homes Platinum certification.

LEED for Homes Credit Categories

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

2011 LOY HOUSES SUSTAINABLE HIGHLIGHTS

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



installed low-flow toilets, showerheads and other plumbing fixtures



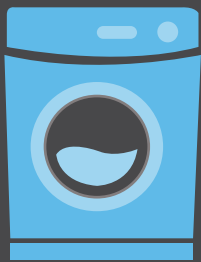
90% of construction waste was diverted from the landfill

eliminated the need for permanent irrigation, decreasing potable water consumption

installed copious amounts of insulation to reduce thermal fluctuations



used high-efficiency lighting & mechanical systems



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

44%

overall energy efficiency was increased by 44% in each house



achieved Energy Star status



installed vegetation adapted to the local climate

used regional building materials and products with recycled content

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



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