

# ELON SUSTAINABILITY

# 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](http://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 Efficiency
- 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

used high-efficiency lighting & mechanical systems

eliminated the need for permanent irrigation, decreasing potable water consumption

installed copious amounts of insulation to reduce thermal fluctuations

used regional building materials and products with recycled content

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

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](http://elon.edu/sustainability)

