

## **Attachment C: Green Building Guidelines for Compact Communities in Chatham County**

### **Selected Green Building Resources**

The *Leadership in Energy and Environmental Design* (LEED) guidelines produced by the U.S. Green Building Council are available for viewing and download at [www.usgbc.org/LEED/LEED\\_main.asp](http://www.usgbc.org/LEED/LEED_main.asp).

The Triangle J Council of Governments' *High Performance Guidelines* are available for viewing and download at <http://www.tjcog.dst.nc.us/hpgrpf.htm>.

Information about the N.C. Renewable Energy Tax Credits is available for viewing and download from the N.C. Department of Revenue at <http://www.dor.state.nc.us/practitioner/individual/directives/renewableenergyguidelines.html>.

### **Green Building Guidelines**

**Strongly Encouraged:** Review the checklist of provisions in the latest version of the *Leadership in Energy and Environmental Design* (LEED) produced by the U.S. Green Building Council, or the latest version of the Triangle J Council of Governments' *High Performance Guidelines*, and submit to Chatham County a description of how the proposed compact community addresses each of these provisions, including measures to improve energy efficiency.

**Strongly Encouraged:** Incorporate water conservation and water reuse techniques into compact communities to help protect water resources in Chatham County and ensure an adequate supply of water as the county grows. Developers are encouraged to consult the latest version of the U.S. Green Building Council's LEED document, the latest version of TJCOG's *High Performance Guidelines*, and/or other sources for information on how to incorporate water conservation and reuse strategies into the development.

**Encouraged:** Maximize the number of south facing lots, and the number of southern elevations on the rear of dwellings. A lot shall be considered "south facing" if its primary axis is within 10 degrees of due south.

**Encouraged:** Provide for more energy conservation, greater energy efficiency, and more local and distributed energy generation in each compact community. To the extent practicable, design and promote zero energy home design within each compact community.

**Encouraged:** Use general construction practices in the compact community that encourage the use of local materials and local sources of labor to promote local jobs and minimize secondary transportation impacts.

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