

# Clemson University Greek Community on the Quad

LEED® v2.1

## Building Statistics

Completion Date: August 2005  
 Size: 140,000 gross square feet  
 Footprint: 60,600 square feet  
 Construction Type: Institutional  
 Use Group: Residential  
 Lot Size: 5 acres  
 Occupancy: 350 beds



## Project Highlights:

### Sustainable Sites

Alternative Transportation: Located 80 yards from 4 bus lines; bicycle racks and showers; an electric vehicle charging station.  
 Open Space: Clemson has committed to conserving the open space in the quad area for the life of the buildings. All outdoor lighting is directed downward to prevent light pollution.

### Water Efficiency

Innovative Wastewater Technologies: All toilets and faucets are either low-flow or dual-flush, saving up to 87% of the potable water typically used; water efficient landscape.



### Energy and Atmosphere

Optimize Energy Performance: Exceeds ASHRAE/IESNA 90.1-1999 by 23.7%.  
 Additional Commissioning: Verified that the building is designed, constructed and calibrated to operate as intended.

### Materials and Resources

Construction Waste Management: 82% of construction waste was recycled, or 4.615 tons (9 million lbs).  
 Indoor Environmental Quality CO2 Monitoring: CO2 monitoring system; low VOC's, post construction flush-out.



## Sustainability Facts

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Building Use	Student Residential Housing
Location	Clemson, SC
Size	120,000 SF – renovation 20,000 SF – new construction
Cost	\$26,000,000
LEED-NC Rating out of	69
<b>Target Total Score</b>	<b>35</b>
Sustainable Sites	6
Water Efficiency	1
Energy & Atmosphere	8
Materials & Resources	1
Indoor Environmental Quality	10
Innovation & Design Process	3
<b>Target Certification Level</b>	<b>Silver</b>
Energy Savings (kWh/yr, \$/yr)	NA
Carbon Emissions Avoided (tons)	NA
Water Savings (gallons/yr, \$/yr)	NA
Operations & Maintenance Savings (\$/yr)	NA
Productivity Enhancements (\$/yr)	NA
Natural Habitat Restored (acres)	NA

### Project Team Profile

Owner	Clemson University
Architect	Hanbury Evans Wright & Viattas MKA Architects
Engineers	McCracken & Lopez Michael Simpson & Associates Dutton Engineering
Contractor	Evergreen Construction
Landscape Architect	Hanbury Evans Wright & Viattas
Commissioning Agent	RMF Engineering

NA = "Not Applicable" or "Not Available"

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