Please allow us to tell you about another Wake Forest success story!

Our team, composed of Architects, Engineers, Contractors, Facility Staff, Residence Life and Housing Staff, Students and Administration, are beaming with school pride over what has been an extremely rewarding project delivery experience.

Employing the third party USGBC® certification process, our team set minimum goals of LEED® Silver certification while concurrently reinforcing the widely endearing Neo-Georgian campus architectural aesthetic.

This pamphlet showcases just a few of the many key features and concepts that truly make the whole greater than the sum of its both Sustainable and Georgian parts. Take a look, then schedule a visit. You’re always welcome!

South Residence Hall Design Team
Daylighting  Just over 86% of all occupied space in the South Residence Hall receives 25 foot-candles or more of daylight illuminations conducive to reading and study. The correlating effects of natural daylight illumination to improved learning provide a win-win as increased daylight also reduces electrical consumption.

Solar Hot Water Collection Array  Roof mounted panels contain liquid filled tubes. Solar energy heats these tubes giving us a sustainable supply of hot water in tanks located in the attic. This stored hot water preheats tap water for showers and sinks – greatly reducing the amount of natural gas needed to produce hot water.

Recycling: Construction Activity / Recycling Centers  The initial goal of recycling 50% of all construction material was easily achieved. In the end the Building Contractor helped Wake Forest University divert nearly 80% of all waste generated during construction from the landfill. Recycling centers for student use are conveniently located on each floor as part of the University’s ongoing commitment to reduce landfill volume.

Dual Flush Toilets  Not every toilet use needs a “full flush”. Dual Flush Toilets allow the user to release the minimum amount of water needed. “Up” for liquid waste expends 30% less water than “Down” for solid waste. Using Dual Flush Toilets conserves fresh water supply and reduces the amount of water sent to the treatment plant.

Low Flow Shower Heads  “More with Less” – Low flow shower heads increase the effectiveness of the same volume of water – much like placing your thumb over the end of a garden hose when trying to wash the mud from your car. Low flow shower heads conserve water supply, the energy to heat it and lessens treatment plant volumes.

Water: Bio-retention Cells  Bio-Retention Cells reduce the quantity of water leaving the site during a storm by slowly releasing its volume over time. Natural Vegetation in these cells increase the quality of water by removing silt and solids discharged into downstream flows.

Locally Sourced Materials  The South Residence Hall project exceeded the goal of locally sourcing 20% of construction material (by value) within 500 miles of the building site. Common materials sourced locally included brick, limestone, roof slate, hollow core floor slabs, structural and reinforcing steel.