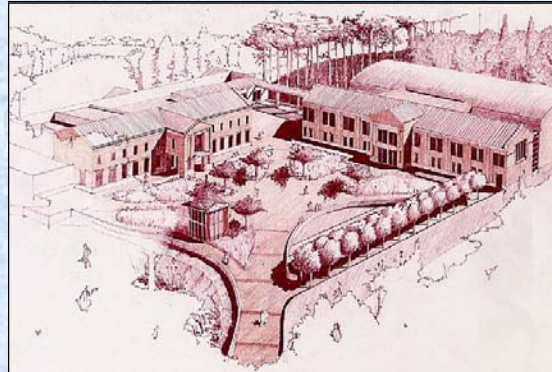


Low-impact Living



The Rams Head Center provides a number of necessities within easy walking distance of 8,000 residential students and most campus classrooms. This dramatically reduces the need for driving on or around campus. These include:

- ◆ An award-winning dining hall;
- ◆ A two-story recreation center;
- ◆ The second largest campus market in the country, which includes a bakery, organic foods and produce, and more;
- ◆ An accessible, outdoor plaza;
- ◆ And a pedestrian bridge from South Campus to Main Campus.



The Rams Head Center brings sustainability to the heart of Carolina. It is a complex that both demonstrates sustainable development and encourages a more sustainable lifestyle from the students, faculty, and staff that use its facilities.



Sustainability Office
103 Airport Drive CB 1800
Chapel Hill, NC 27599
Phone: 919-843-7284
Fax: 919-843-4567

To learn more about sustainability at UNC,
visit us online at:

<http://sustainability.unc.edu>



Rams Head Center



The Rams Head Center connects South Campus to Main Campus and is a shining example of sustainable development at UNC. Built in place of an existing parking lot, the facility boasts a grocery store, dining hall, recreation center, and deep green roof all built around a 700-space parking garage.



Green Roof and Stormwater Management



The plaza atop the Rams Head Center is actually an intensive green roof that captures rainwater and stores it beneath the vegetation for irrigation use.

The 40,000 ft² green roof absorbs rainwater, while two cisterns collect and hold roof runoff. The 30-inch deep green roof can hold 32,000 gallons of water and support trees that will eventually grow to 40-60 feet tall. The two cisterns hold 56,000 gallons, filled by 2.7 inches of rainfall.

When the green roof and cisterns are full, water spills from scuppers along the side of the plaza and flows into a vegetated swale. Water then flows down into a gravel infiltration bed installed below a nearby artificial turf athletic field, Ehringhaus Field.



**THIS LAWN IS A
STORM WATER
RECHARGE
AREA**

Benefits of this green roof and cistern system include:

- ◆ Reduced stormwater runoff and improved stormwater quality;
- ◆ Improved air quality;
- ◆ Reduced heat island effect;
- ◆ Extended lifespan of the roofing system;
- ◆ Reduced sewer costs and noise levels;
- ◆ And improved aesthetics for occupants.



Green Dining

The Rams Head Dining Hall employs the following practices to make its operation and its customers more sustainable:

- ◆ Food waste from kitchen and dish lines is pulped and dehydrated for composting. The company that composts the food waste also uses the waste kitchen grease as fuel;



- ◆ Local products are purchased and marked when available, including produce, milk, soda, and bread;
- ◆ A full range of vegetarian options are available to customers;
- ◆ Bulk dispensers, compostable straws, recycled napkins, and reusable flatware, china, and glasses are used to reduce waste;



- ◆ And Woolen Gym's floor was recycled as facing on counters.