

Restaurant at Abercorn Common

7979 White Bluff Road
Savannah, Georgia 31406

To alter a prototypical fast food restaurant to LEED standards.

Achieve LEED standards and goals in a cost effective manner.



ABERCORN COMMON



QUICK FACTS

Location:
Savannah, Georgia
White Bluff Entrance to
Abercorn Common
Shopping Center

Developer:
Melaver, Inc.

Contractor:
Catamount Constructors

Architect:
Adams & Associates

Completed
November, 2005

Size:
4,460 SF

Tenant
McDonald's

**Awards
Recognition**
LEED - CS
Certification: Gold

Sustainable Features

Numerous transportation alternatives:
- Preferred parking for hybrid vehicles - Bike racks and showers for employee use

100% of irrigation is provided by rainwater harvested at Abercorn Common

Ultra low flow toilets (1 gpf), waterless urinals and low flow aerators reduce water use 60%

A highly reflective white roof, tight building envelope, and high efficiency HVAC and lighting reduced energy consumption over 20%

The Restaurant core energy use operates on 100% green power

Daylighting for over 75% of indoor spaces, and views for 90%

Low-volatile organic compounds (VOC) paints, sealants and adhesives were used throughout to reduce indoor air pollution

Porous pavement on site reduces site runoff volumes by 30%

Materials were selected that have high recycled material content and were manufactured within a 500 mile radius of the project site.

100% of wood used was sustainably harvested, as certified by the Forest Stewardship Council.

A Sustainable Property  **melaver, inc.**
DIFFERENCE

Restaurant at Abercorn Common

7979 White Bluff
Savannah, Georgia 31406



The Project Team

Owner / Developer

Melaver, Inc
114 Barnard St. Ste 2B
Savannah, GA 31401
912.236.0781

General Contractor

Scott A. Reynolds
Catamount Constructors, Inc.
20 Mansell Court East, Suite 100
Roswell, GA 30076
770.518.2800

Architect

David Anderson
Anderson & Associates
126 N. Main Street
 Mooresville, NC 28115
704.664.1311

LEED Technical Assistance

Tommy Linstroth
Melaver, Inc
Savannah, GA 31401
912.236.0781

Plumbing and Mechanical Engineer

Rich Donaldson, P.E.
Johnson, Spellman & Associates, Inc.
6991 Peachtree Industrial Blvd., Bldg. 700
Norcross, GA 30092-3601
770.447.4555

Electrical Engineer

Mike Osaski, P.E.
Johnson, Spellman & Associates, Inc.
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Norcross, GA 30092-3601
770.447.4555

Heating and Air Subcontractor

Michael Lemack
Air Services Refrigeration Specialties
126 Cottonvale Rd
Savannah, GA 31405
912.232.5500

Commissioning Agents

Thom Wille
Johnson, Spellman & Associates, Inc.
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LEED FACTS

The **LEED** (Leadership in Energy and Environmental Design) Green Building Rating System is a feature-oriented rating system where credits are earned for satisfying specified green building criteria.

The five major environmental categories of review include: Sustainable Sites, Water Efficiency, Energy & Atmosphere, Materials & Resources, and Indoor Environmental Quality.

Certified, Silver, Gold, and Platinum levels of green building certification are awarded based on the total credits earned.

The LEED standard has been adopted nationwide by federal agencies, state local governments, and interested private companies as the guideline for sustainable building.

Members of the U.S. Green Building Council representing all segments of the building industry developed LEED and continue to contribute to its evolution.

About USGBC

The U.S. Green Building Council is the nation's leading coalition of corporations, builders, universities, government agencies, and nonprofit organizations working together to promote buildings that are environmentally responsible, profitable and healthy places to live and work. Since its founding in 1993, the Council has grown to more than 5,400 member companies and organizations, a 50-person professional staff, a broad portfolio of LEED products and services, the industry's popular Greenbuild International Conference and Expo, and a network of 67 local chapters, affiliates, and organizing groups.

