

# 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:**  
Anderson & 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

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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.  
6991 Peachtree Industrial Blvd., Bldg. 700  
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.  
6991 Peachtree Industrial Blvd., Bldg. 700  
Norcross, GA 30092-3601  
770.447.4555

## 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.

