

INSIGHT

The Official Newsletter of Hedrick Brothers Construction

Fall 2008

Taking the “LEED®” on Sustainable Construction



EcoPlex

A four-story, 100,000 SF office building with five-level parking garage, EcoPlex is Palm Beach County's first Class "A" multi-tenanted "green" office building, developed by Navarro Lowrey. Designed to achieve Silver LEED certification, the project incorporates resource-efficient building and landscaping systems, such as rainwater recycling and a/c condensation systems that direct water to four large cisterns for sanitary systems; HVAC cooling tower which uses a natural water filtration system; fresh air mechanical system that enhances indoor air quality, and oversized windows to provide natural lighting.

Commercial ■ Historic Restoration ■ Education ■ Luxury Residential ■ Sustainable Construction



HEDRICK BROTHERS
CONSTRUCTION

Bringing Visions to Reality

Welcome to the inaugural issue of *Insight*, a quarterly newsletter, highlighting our projects, services and community involvement. This issue is primarily dedicated to Sustainable Construction and Hedrick Brothers' leadership and foresight in this ever-changing building industry. We are proud to announce that three LEED-registered projects have recently been completed, and congratulate the owners, design teams, specialty trades and construction teams for their commitment to these visionary projects:

- EcoCentre, applying for Gold Certification, Lake Worth
- EcoPlex, applying for Silver Certification, West Palm Beach
- Palm Healthcare Pavilion, applying for Silver Certification, West Palm Beach

Two additional LEED-registered projects are commencing this fall: Northboro Elementary School and PBCC's Technical Education Center in Belle Glade. Today, many schools across the country are going green to provide healthier conditions for students, teachers and staff, as well as economic and environmental benefits for everyone.

Earlier this year, we completed the historic restoration of the 1916 Palm Beach County Courthouse. This building is a masterpiece, meticulously restored by craftsmen who are passionate about their trade. Congratulations to the entire team from Palm Beach County Capital Improvements Division, REG Architects and their design consultants, Historical Society of Palm Beach County, all of the specialty trades, and especially to our team led by Robin Lunsford.



1916 Historic Courthouse completed on schedule and under budget.

This project has won numerous awards including the Award of Excellence Unique Career Achievement, Florida East Coast AGC 2008; the Florida Preservation Award 2008, Florida Trust for Historic Preservation; and Craftsman of the Year, AIA Palm Beach 2007.

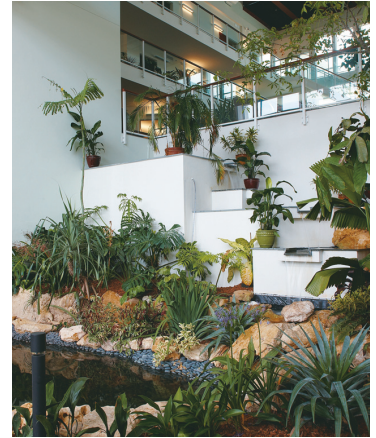
At Hedrick Brothers Construction, our *Mission* is to *Bring Your Visions to Reality* and to conduct business based on the *Brand Promise* of being *Relational*, maintaining the highest level of *Integrity*, delivering *Quality* construction and demonstrating *Commitment* throughout the project. *Insight* is our way of sharing the progress we've made today and expressing the plans we have for tomorrow. Our next issue will celebrate our 30-year anniversary. We hope you look forward to this as much as we do. Enjoy our *Insight*.

Dale Hedrick, President

TAKING THE "LEED®" ON SUSTAINABLE CONSTRUCTION

Sustainable construction rewards businesses with a healthier workspace, energy efficiency, minimal environmental impact and cost savings. Hedrick Brothers supports and implements practices which increase the efficiency of a building's use of energy, water and recycled materials through design, construction, operation and maintenance. As a member of the US Green Building Council (USGBC), we have obtained a thorough understanding of required documentation and performance requirements to build successful LEED-certified projects.

Hedrick Brothers has adopted an attitude of continual improvement, changing and altering its policies and practices to improve its social and environmental responsibility. Increasing efficiency, developing environmental accountability and growing its green team are steps toward sustainability. Not only has there been a focus on internal improvements, Hedrick Brothers is involved in bringing green building awareness to the forefront of our industry, educating individuals and presenting ways to improve current practices.



EcoCentre, The Living Building.



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EcoCentre

A four-story, 33,000 SF professional office building, EcoCentre is a "living building" incorporating natural living systems and green technologies designed to save energy, reduce CO2 emissions and water consumption, and create a healthier environment.

The building's unique feature is its water-saving technologies which allow for on-site water purification and recycling. An 8000-gallon cistern collects rainwater which is reused for flushing toilets, and the a/c condensation provides fishpond water for irrigating interior landscaping. EcoCentre is LEED registered designed to achieve Gold certification.

Palm Healthcare

The renovated Palm Healthcare Pavilion and Mollie Wilmot Children's Center in West Palm Beach provide medical and educational support services for children with special healthcare needs. Applying for LEED Silver Certification, Palm Healthcare's green-building features include:

- Diverting materials away from landfills
- Use of low-VOC materials to protect indoor air quality
- Use of solar panels and reflective glass
- Capturing and reusing storm water runoff to provide irrigation
- Encouraging alternate forms of transportation by providing changing rooms, hybrid car space and bicycle storage



Palm Healthcare Pavilion and Mollie Wilmot Children's Center

BENEFITS OF GREEN BUILDING

Environmental benefits:

- Enhance and protect ecosystems and biodiversity
- Improve air and water quality
- Reduce solid waste
- Conserve natural resources

Economic benefits:

- Reduce operating costs
- Enhance asset value and profits
- Improve employee productivity and satisfaction
- Optimize life-cycle economic performance

Health and community benefits:

- Improve air, thermal and acoustic environments
- Enhance occupant comfort and health
- Minimize strain on local infrastructure
- Contribute to overall quality of life



Technical Education Center in Belle Glade is PBCC's first LEED-registered project.



Northboro Elementary School Modernization Project, West Palm Beach, is the second LEED-registered project for the Palm Beach County School District.

WHAT IS LEED®?

LEED (Leadership in Energy & Environmental Design) is a third-party certification program and the nationally accepted benchmark for the design, construction and operation of high-performance green buildings. LEED gives building owners and operators the tools they need to have an immediate and measurable impact on their buildings' performance. LEED promotes a whole-building approach to sustainability by recognizing performance in five key areas of human and environmental health: sustainable site development, water savings, energy efficiency, materials selection and indoor environmental quality.

LEED rating systems

The LEED Green Building Rating System™ is a voluntary, consensus-based standard to support and certify successful green building design, construction and operations. LEED is transforming the marketplace by providing a nationally recognized certification system to promote integrated, whole-building design practices in the building industry.

LEED for:

New Construction and Major Renovations is designed to guide and distinguish high-performance commercial and institutional projects.

Existing Buildings: Operations & Maintenance provides a benchmark for building owners and operators to measure operations, improvements and maintenance.

Commercial Interiors is a benchmark for the tenant-improvement market that gives the power to make sustainable choices to tenants and designers.

Core & Shell aids designers, builders, developers and new building owners in implementing sustainable design for new core and shell construction.

Schools recognizes the unique nature of the design and construction of K-12 schools, and addresses the specific needs of school spaces.

Retail recognizes the unique nature of retail design and construction projects and addresses the specific needs of retail spaces.

Healthcare promotes sustainable planning, design and construction for high-performance healthcare facilities.

Homes promotes the design and construction of high-performance green homes.

Neighborhood Development integrates the principles of smart growth, urbanism and green building into the first national program for neighborhood design.

From charitable organizations to civic groups and professional affiliations, Hedrick Brothers Construction is dedicated to community service and continually demonstrates a commitment through donations of time, talents and materials.

Community events

- Employees and family members participated in the American Heart Association's Start! Heart Walk, September 27, in downtown West Palm Beach. Thanks to everyone for their support in raising more than \$12,000 to save lives from America's No. 1 and No. 3 killers: heart disease and stroke.
- Hedrick Brothers Construction participated in the "Green for Life" Eco-Festival at Bryant Park in Lake Worth, educating attendees with an interactive, impervious-concrete display and other green construction ideas.
- The AGC Fishing Tournament had both Hedrick "Brothers" and Hedrick "Sisters" teams!
- Hedrick Brothers Construction was a sponsor of the Palm Beach Community College Foundation's Golf Tournament at PGA National. Other tournaments we participated in include Palm Beach AIA, Florida East Coast AGC, Business Development Board of Palm Beach County, Urban Youth Impact, and Palm Beach Atlantic University.



Congratulations to Eric McNamee, Mike Fosse, Catherine Dzenatis and Mile Moore for taking first place at PBCC Foundation Tournament.

Professional events

Florida Educational Facilities Planners Association, 2008 Summer and 2009 Winter Conferences

American Institute of Architects Florida, 2008 Conference

University of Florida M.E. Rinker Sr. School of Building Construction Career Day, October 21

Associated Schools of Construction (ASC) Student Competition, October 22

Business Development Board of Palm Beach County Encompass, October 23

The Preservation Foundation of Palm Beach, Historic Properties Workshop, November 5



HEDRICK BROTHERS CONSTRUCTION

2200 Centrepark West Drive, Suite 100
West Palm Beach, FL 33409
(561) 689-8880 | www.hedrickbrothers.com

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OUR SCHOOLS MAKE THE GRADE

Old Jupiter Elementary School CSR Addition

A 28,000 SF repair, structural upgrade and addition of ten classrooms to the original building (circa 1923) is complete.

All renovations were in consideration of historical value and appearance of the original structure. *Recipient of the 2008 School District of Palm Beach County Foundation of Excellence Outstanding Renovation Project Award.*



Banyan Creek Elementary School Addition

Completed is the 50,000 SF classroom addition which accommodates 536 students and a P.E. building. *Recipient of the 2008 School District of Palm Beach County Foundation of Excellence Honorable Mention Addition Project Award.*

Northboro Elementary School Modernization

Commencing this fall, the 91,015 gross SF LEED-registered project will incorporate new classrooms, administration, media center, food service and cafeteria and the remodeling of an existing 33,650 SF classroom building built in 1925.

PBCC'S Library Learning Resource Center

A 49,184 SF interior renovation of the PBCC Eissei Campus Library has begun. The project includes all new study spaces, millwork, finishes, and voice/data.

PBCC'S Technical Education Center

A new 28,160 SF LEED-registered project which includes classroom areas for construction, welding, criminal justice, sugar technology and drafting will be built on the Belle Glade campus. A groundbreaking ceremony is scheduled for November 7.

Photography by Robert Nelson.

GREEN TEAM

Heading up the green building initiative for Hedrick Brothers Construction is John Banting, LEED AP, Sustainable Construction Manager. From preconstruction to the final stages of certification, John actively monitors, advises and tracks LEED documentation, working with experienced project management teams to comply with goals set for successful green building projects.



John Banting at EcoCentre

Hedrick Brothers Construction has also established an Existing Building Green Team. LEED-accredited professionals provide turnkey and cost-conscious green solutions for building owners and managers to enhance an existing building's operational efficiency, energy performance and environmental responsibility.

John is a graduate of the University of Florida with a B.A. in Architectural Design and an M.S. in Building Construction with a Concentration in Sustainable Construction. He has recently been appointed by the Board of County Commissioners to the Palm Beach County Green Task Force on Environmental Sustainability & Conservation.

DID YOU KNOW?

Nearly fifty percent of all water withdrawn for public supply is used solely to water residential lawns and landscaping (Florida Department of Environmental Protection). When landscaping your home or office, select drought-tolerant, non-invasive plant species to create a beautiful native environment that will save water and keep money in your pocket.

