

July 16, 2012

Martin County Fire & Rescue Station #22 Earns FGBC Certification

Certified: July 9, 2012

Points Achieved: 136

FGBC Version 2

Project Evaluator: Jennifer Languell

Martin County's Fire and Rescue Station #22 has been awarded the Florida Green Commercial Building designation by the Florida Green Building Coalition (FGBC) after it successfully met the sustainability standards established in the FGBC Florida Green Commercial Building Certification program.

The designation represents achievements in a number of categories, such as energy efficiency, water conservation, site preservation, indoor air quality, materials, and durability, including disaster mitigation.

FGBC-certified projects complete a technically rigorous building assessment and construction process to promote design and construction practices that reduce the negative environmental impacts of the building, improve occupant health and well-being, and reduce operating costs for the owner.



"As an FGBC-certified building, the Martin County Fire and Rescue Station #22 demonstrates the County's commitment to leading by example and serves as a model of sustainability for Martin County businesses and residents," said Suzanne Cook, Executive Director for the FGBC.

Keeping with the intent of the building to serve as a public and emergency management facility, the project team focused on items that would improve the health and efficiency of the building while also improving its long term durability. The fire station was constructed on a previously disturbed site inside the urban growth area, which helps to conserve county open space. Energy efficiency was achieved through improving the building envelope, reflective roofing, efficient equipment and lighting, completing a solar study of the building, and using occupancy sensors. Water conservation measures earned the facility a Florida Water StarSM certification achieved through the use of efficient fixtures, Florida Friendly Landscaping, and rainwater harvesting. Rain barrels provide a passive watering system for foundation plants in lieu of installed irrigation. A healthy interior was achieved through the use of low Volatile Organic Compound paints and adhesives, low off-gassing interior finishes, and a commitment to using healthy cleaning products. The project chose local materials, recycled content materials, and recycling of construction waste to reduce the impacts of the new construction on the community. Priority parking locations were designated for carpooling and hybrid vehicles. The project purchased Green Power equivalent to 75% of their annual energy consumption.

Martin County Fire Station #22 was constructed by Royal Concrete Concepts, LLC (RCC) a full service general contracting company based in Jupiter, Fla. that specializes in utilizing pre-cast concrete building components in their projects.

Tercilla Courtemanche Architects, Inc., lead the project team through the FGBC certification process and incorporated both environmentally sustainable principles and functional design into the facility.

Presentation of the award to Martin County administrators will be held on July 28, 2012, at 2 p.m. in the Martin County Fire Station #22 located at 8446 SW Tropical Avenue in Stuart.

About the Florida Green Building Coalition

The Florida Green Building Coalition (FGBC) is a nonprofit 501(C)3 Florida corporation founded in 2000 dedicated to improving the built environment. Its mission is "to lead and promote sustainability with environmental, economic, and social benefits through regional education and certification programs." It is the leading certifier of green projects in Florida.



FGBC's membership is comprised of individuals and businesses from all areas of the building industry, including research, design, materials, products, construction, inspection, marketing, finance and public advocates. For more information about the FGBC Florida Green Commercial Building Certification Standard visit www.floridagreenbuilding.org