



Lotus on Orange - Josh Wynne Construction

Certified: August 5, 2014
Points Achieved: 201
Certification Level: Platinum
Certifying Agent: Drew Smith

Although just recently named as the National Association of Home Builders' (NAHB) "[2015 Best in Green \(BIG\) Single-Family Custom Home](#)" Award Winner, Lotus on Orange is not new to the spotlight. In March 2015, SRQ Magazine (Sarasota) tapped the project as its "Home of Year." Just recently it won the Platinum Best In American Living Award (BALA) for Best Custom Home, the Best Green Home, and the Best Project in the South Atlantic Region. With three green building certifications, and a number of design awards, it's another Josh Wynne Construction exceptional project.

The Florida Green Building Coalition (FGBC) certified the home back in 2014 at the platinum level with a score of 201 (out of a 100-point requirement). With a Home Energy Rating System (HERS) index score of -7, the home also earned an EnergyStar "Net Zero Home" certification. FGBC Certifying Agent Drew Smith from Two Trails, Inc. in Sarasota worked with the project team on the green certification.

Indoor health, energy and water conservation, durable material considerations, and general sustainability were important design considerations. At least 80 percent of the windows, doors and structural components of the home came from locally produced materials (within a 700-mile range).

Zero VOC paints, low VOC sealants and adhesives, minimum use of carpet, and healthy insulation all contributed to creating a healthier indoor air quality (IAQ). Other IAQ approaches included installation of a controlled mechanical ventilation system, EnergyStar bath fans, whole house positive filtration, and a Manual D duct design.

The large expanses of carefully placed glass allow for natural daylighting throughout the home while large sliders and casement glass allow for passive ventilation throughout the home. The views are centralized to the natural flower pond in the front courtyard as well as the pool and outdoor living areas to the rear.

Polished concrete floors were chosen for their durability, thermal massing effect, and their natural beauty. Cypress wood detailing, terrazzo tiles, and bamboo panels counter-balance the smooth white walls of the homes interior, which serve to provide bouncing light and a frame work for viewing the outdoor spaces. The landscape is 100% Florida friendly and uses reclaimed water for irrigation. [\[More\]](#)