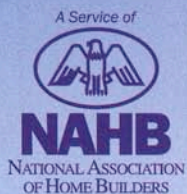


# THE NEW AMERICAN HOME® 2006

BUS SCHEDULE & GUIDE





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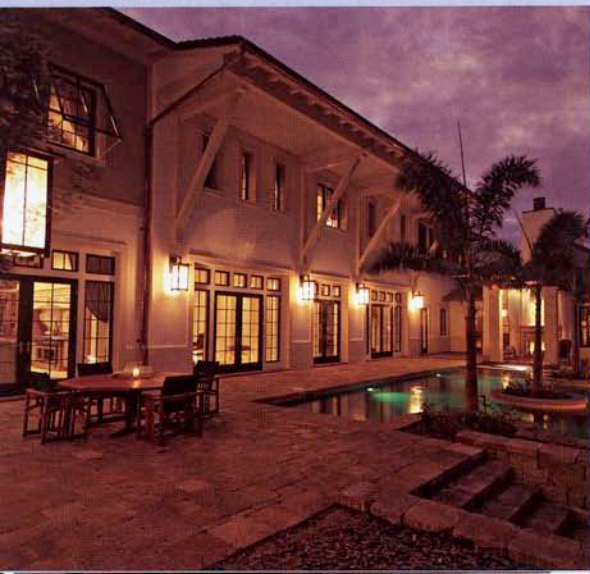
The Show Home is part of an initiative to test new concepts, materials, and techniques that improve efficiency and home performance and can be used in homes of any price range. It serves as both a showcase of new home features and a living laboratory where partners in the homebuilding industry can test their latest methods. The New American Home® 2006 blends comfort and picturesque aesthetics with high performance innovations. The result is a stunning, British-Caribbean inspired home that sets new standards for modern homebuilding. Located in Orlando, Florida, the house serves as the official demonstration home of the National Association of Home Builders International Builders' Show where it showcases the newest concepts, materials, designs, and techniques available to homebuilders today. These innovations can be replicated – in whole or in part – in houses built to any price range, in any climate.

The New American Home® 2006 came together through collaboration and teamwork. Builder, Hannigan Homes worked with IBACOS (Integrated Building and

Construction Solutions), a Building America partner; to develop an energy efficient design. WCI Architecture & Land Planning Inc. and Saxon-Clark handled the architectural design and the interior design, respectively. The National Council of the Housing Industry (NCHI) of the NAHB cosponsored the project with BUILDER Magazine.

The home was designed with a young retiree or someone near retirement in mind, and includes an abundance of amenities such as a pool, hot tub, media room, game room, second-floor library, home office, and a lake-front spa-room that even comes equipped with a massage table. So that the homeowners can fully enjoy the lakeside breeze, The New American Home® 2006 also includes a variety of outdoor spaces such as an outdoor kitchen, several loggias, two fireplaces and a boat dock. The flexible living spaces and wonderful amenities allow homeowners the freedom to entertain guests or bask in quiet seclusion with equal ease.

Inspired by the home's location on the shore of Windermere's Lake Burden, WCI created a long, shallow design, one





of the home's most unique characteristics. The middle of the 9,500-square-foot (7,000 sq. ft. A/C) house is only one room deep in order to take full advantage of the breathtaking lake view. WCI and Saxon-Clark also made sure that looking at the home is as enjoyable as the sights seen from the home. The front elevation incorporates a variety of points of interest to guide the eye across the home, including a two-story tower that houses a spiral staircase.

### **New Standards in Efficiency and Technology**

With the implementation of the Florida Green Building Coalition Green Home Designation Standard, the 2006-show home is the first certified "green" home built through The New American Home® program since it began 22 years ago. To make the home friendly to the environment construction consisted of as many earth-friendly materials as possible. Some of the "green" measures taken include mulch made from recycled building materials, a HEPA filtration system for clean indoor air, and an impressive roof gutter system that will collect rainwater and use it to irrigate the landscaping. Moreover, the home's design makes it ideal for cross ventilation when the air conditioning is turned off.

However, the home's environmental considerations don't stop there. Through the use of innovative technology and design practices, the home will achieve nearly 40% whole house energy savings. To reach this level of energy efficiency, IBACOS provided assistance in designing the home's systems and in choosing efficient technologies. The home is conditioned by four high efficiency heat pumps (SEER 15) and uses zone control to maintain ideal temperatures throughout the home's six zones. Each unit and all ductwork is located within the conditioned space of the home. Three tankless, propane fired water heaters serve the home and help to minimize piping and reduce standby losses, and specially coated windows reduce cooling and heating loads. These innovations result in a 61% reduction in energy usage for heating and cooling, and a 50% reduction for water heating compared to a comparably sized house in the hot and humid climate.

During its first year, The New American Home® 2006 will serve as a "real-world" laboratory of new building products and technologies. IBACOS will monitor the home's temperature and humidity to ensure a comfortable living environment. This research will be used by Building America to improve the design of future high performance homes.







THE NEW AMERICAN HOME® serves as the official showcase house of the annual International Builders' Show®. The show home is a 'real-world' laboratory demonstrating concepts, materials, designs and construction techniques that can be replicated – in whole or in part – in housing built any place and in any price range. Incorporating such elements as energy efficiency, indoor-air quality, safety, market value and other components of the building block is a principal goal of the program. The TNAH mission is to show that "housing performance" can be incorporated into the most simple or most complex homes, and that it's equally as important as aesthetics.

Since its inception in 1984, NCHI cosponsors the construction of this prestigious home with BUILDER Magazine and has the distinction of being both a show house and a for-sale product, balancing architectural design creativity and the bottom line. The design, construction and amenities are market-driven, and showcase the latest in innovative products for the future of homebuilding. It is a collection of ideas for the industry to take away – in large pieces, or bit-by bit – and put into millions of homes across the country each year.

The New American Home is open for scheduled tours to registered International Builders' Show attendees.

Rendering by Spine3D  
Photography by James F. Wilson