



# CONCRETE HOMES

July 2001

## ***Michiana Home & Garden Show Celebrates 25 Years***

### **Indiana ICF promotion group rallies stakeholders to build an ICF home inside the Joyce Athletic Center**



***The Michiana Home & Garden Show featured an ICF home built within the Joyce Athletic Center on the Notre Dame campus. Following the show, the home will be moved to its permanent location and part of the local Habitat for Humanity program.***

The *Michiana Home & Garden Show* was unique for the Indiana ICF promotional group. This year's show was the 25th anniversary, and Home & Garden Show promoter, Mel Wood, wanted a focal point for the event. He originally contacted the local Home Builders Association (HBA) to see if there was interest in constructing an actual "stick built" house as the show's centerpiece. This would also act to tie in the home with Habitat for Humanity. The HBA didn't want to participate and that is where the ICF promotional group stepped in. Ron Geater, Carl Pestow (Fidler Inc.—Aggregate Industries), Paul Wilson (AARX Building Systems), and Craig Jankowski (Essroc Materials) got involved and teamed up with Mel Wood and Habitat for Humanity to construct an ICF house to display inside Notre Dame's Joyce Athletic Center in South Bend, Indiana. The home was 28' x 28' with a vinyl front porch, a portion of the roof completed, and two rooms (kitchen with cabinets and the great room) finished with drywall, paint, cabinets, and floor coverings. The exterior of the home had brick 1/3 the way up the front facade, with vinyl siding for the remainder and tapering down on the side walls to expose the AARX building system. The blocks were filled

(continued from page 1)

with sand to give the walls a dense, solid feel. The show attracted approximately 15,000 attendees, with the ICF house clearly the highlight. There were some 250 radio and television spots talking about the show, with the television ads giving a brief overview of the ICF construction process. The local television station (WSBT 22), and Meijers (retail store), were sponsors of the home show. On opening night, the sponsors held a key presentation to the Habitat for Humanity recipient.

The ICF walls have been erected on a permanent site in South Bend. Final construction of the home is currently taking place. This project provides regional awareness of ICF technology to the consumer and builder, and creates a lot of curiosity within the local homebuilding community. Charlie Dixon, Executive Director for the local Habitat for Humanity, was very pleased with the show. It was a great place for Habitat for Humanity to network and recruit volunteers for labor and sponsorship of future projects.

*Special thanks to Craig Jankowski, Esroc Materials, for contributing to this article.*



*Top: Volunteers are busy constructing the ICF Habitat for Humanity home inside the Joyce Athletic Center in advance of the show.*

*Bottom: Final site construction is underway on the Habitat for Humanity home that was once on display during the Michiana Home & Garden Show.*



## California ICF activities abound ...

### San Diego CSI/AIA Construction Products Fair

The 32nd Annual San Diego CSI/AIA Construction Products Fair was held April 18, 2001. Among the attendees were specifiers, architects, engineers, building owners, contractors, government officials, developers, and sub-contractors. The Southern California Ready Mixed Concrete Association set up a booth featuring ICF construction. The booth was staffed by Sam Gallego (CCPC), Randy Daniels (ARXX), Guy Rosenlof (ConForm), and Carl Kane (ICE Block).

### Palm Springs developer to build ICF homes

A 16-home development in Palm Springs is going to be constructed with ICFs in lieu of wood frame construction. The custom homes will have a swimming pool, casita, and view of the mountains. The homes will be located in four cul-de-sacs. Prices will vary between \$500,000 and \$600,000, depending on the size and scope of the home. Consideration is being given to paving the streets in concrete to further enhance the overall value of the project.

### ICF development planned for Bakersfield

Life Style Homes in Bakersfield, California, is currently building 36-homes using the Fold-Form ICF wall system manufactured by Lite-Form. The homes are entry level and offer additional square footage through full or partial basements. Since the beginning of 2001, Life Style Homes is offering above grade ICF wall construction for the remaining homes under construction. Life Style Homes has an option on an additional one hundred home sites and is planning to promote the project as a total ICF development.



---



## EnergyValue Housing Awards feature concrete winners

According to a recent survey by *Professional Builder* magazine, energy efficiency is the number-one upgrade that homebuyers seek in a new home. Winners of the **EnergyValue Housing Award (EVHA)** recognize this market trend and, in response, successfully build and sell energy-efficient homes. Increasingly EVHA winners are adding green building features to their new homes. “Green building is not a passing fad—it is a growing trend, and the EVHA winners are trendsetters for the industry,” says Liza Bowles, President of the NAHB Research Center, Inc. “Other members of the building industry should look at EVHA-winning practices as they develop their green business strategies.”

The winners are as follows:

**Tierra Concrete Homes, Inc. (Gold Award)** has been building energy-efficient concrete homes for the past 5 years and currently builds 4 homes each year. Their entry home features passive solar orientation, ICF walls, concrete floors, and windows designed to collect the maximum amount of solar heat. This 2,200-square-foot house was built near Pueblo, Colorado, for \$68 per square foot.

**Mavor Design and Construction, Inc. (Gold Award)** has over 19 years of experience designing and building homes. Their home featured an energy-efficient building shell constructed with low-E, gas-filled windows, R-12 under-slab floor insulation, ICF walls, and R-42 urethane-filled cathedral ceilings. The company builds about 2 homes each year, with their entry being a 3,800-square-foot home located near Bozeman, Montana, for \$77 per square foot, excluding land.

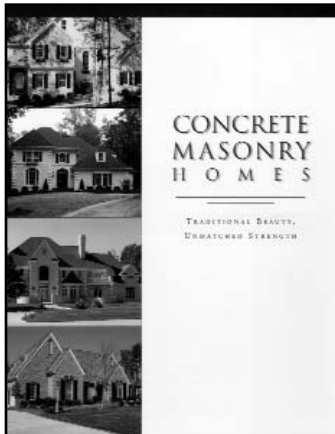
**Bruce Davis, Inc. (Silver Award)** has been in business for 27 years and builds 15 homes per year. Their entry features ICF walls rated at R-22, extensive air sealing, R-10 slab edge insulation, and R-38 attic insulation making this an energy-efficient building. The 1,460-square-foot house was built near Washington, DC, for \$57 per square foot, excluding land.

**Stitt Energy Systems, Inc. (Silver Award)** was founded in 1978 and builds about 24 homes per year. Energy efficiency and disaster resistance were achieved in this entry by the use of ICF walls. The 6,326-square-foot home was built near Springfield, Missouri, for \$110 per square foot, excluding land.



*This 2001 EnergyValue Housing Gold Award winning home was constructed by Tierra Concrete Homes, Inc., and features ICF walls and concrete floors.*

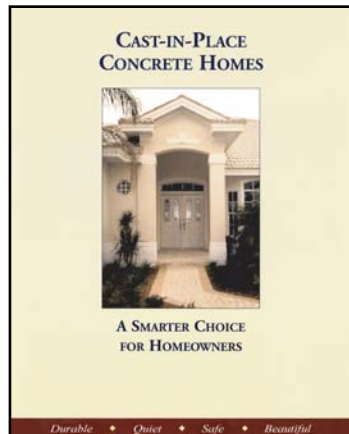
## Tools of our trade



Today's concrete masonry homes provide traditional beauty with unmatched strength. This attractive 4-color brochure describes the superior energy efficiency, safety, and soundproofing qualities that can be found in concrete masonry home construction. 4 pages. 1999.

**Concrete Masonry Homes (PL994) \$20.00, pack of 50**

To place your order for any of these items, call 1.800.868.6733, or visit our Web site at [www.concretehomes.com](http://www.concretehomes.com).



*Cast-in-Place Concrete Homes* features an overview of above-grade concrete homes using removable forms. It describes the benefits of durability, comfort, safety, energy efficiency, and versatility that concrete offers. 4 pages. 2001.

**Cast-In-Place Concrete Homes (PL977) \$36.00 ND, pack of 100**

## Upcoming summer meetings

The **Insulating Concrete Form Association (ICFA)** will hold its mid-year meeting and exhibition **July 15-17, 2001**. Registration materials are available by calling ICFA at 847.657.9730, or by visiting their Web site at [www.forms.org](http://www.forms.org).

The **Concrete Foundations Association (CFA)** will hold its annual summer meeting and exhibition **July 26-28, 2001**. Registration materials are available by contacting the CFA at 319.895.6940, or by visiting their Web site at [www.cfawalls.org](http://www.cfawalls.org).

The **National Concrete Masonry Association (NCMA)** will hold its mid-year meeting **August 15-19, 2001**. Registration materials are available by calling NCMA at 703.713.1900, or by visiting their Web site at [www.ncma.org](http://www.ncma.org).

# CONCRETE HOMES

*Concrete Homes* is a monthly newsletter published by the Residential department of the Portland Cement Association to communicate ideas for promoting the use of concrete in homebuilding. We are:

*Michael H. Weber*  
**Director - Residential**

*Brian T. Bock*  
**Manager - National Accounts**

*David D. Shepherd, AIA*  
**Manager - Residential Technology**

*James M. Niehoff*  
**Manager - Residential Promotion**

*Mike Collignon*  
**Promotion Coordinator - Residential**

For more information on concrete homebuilding, visit our Web site or call our toll free hotline:

*Concrete Homes Online*  
**[www.concretehomes.com](http://www.concretehomes.com)**

*Concrete Homes Hotline*  
**1.888.333.4840**

The Portland Cement Association is an organization of cement companies to improve and extend the uses of portland cement and concrete through market development, engineering, research, education, and public affairs work.

