

Subject Matter Expert Panel Meeting

Wednesday, November 18, 2015, 3:00 pm – 4:00 pm Eastern

Charley Boyer, COO/VP-Manufacturing Division,
Oak Creek Homes

Charles Fanaro, President, Hi-Tech Housing

Mark Mazz, Principal, Mark J. Mazz, AIA, LLC

Chet Murphree, General Manager, Deer Valley
Homes

Delmo Payne, President, River Birch Homes

Tom Rehrig, Special Projects Mgr., Clayton Homes

Manuel Santana, Director of Engineering, Cavco
Industries

Michael Wade, Director of Manufacturing
Operations, Cavalier Homes, *Panel Chair*

Harold Weaver, President, Lexington Homes

Bert Kessler, Vice President, Palm Harbor Homes

Mike Terrian, General Manager, Platinum Homes

Staff

Emanuel Levy, Executive Director, Systems

Building Research Alliance, *Panel Facilitator*

Pournamasi Rath, Senior Associate, Systems

Building Research Alliance

Zoe Kaufman, Associate, Systems Building
Research Alliance

Meeting Minutes

Project Goals

- Develop simple, logical, cohesive, and complete floor plans that are easy for manufacturers to build
- Address defects and design issues previously experienced by FEMA
- Provide disaster survivors with quality housing as quickly as possible by developing production-friendly designs that use common materials and specifications. Survivors' comfort is another key design consideration.
- Anticipate future DOE thermal requirements informing future solicitations
- Develop detailed designs and specifications for four unit types with UFAS and non-UFAS variations of each.
- Develop one universal "CONUS" design that can be deployed nationwide (obviating the need for northern and southern unit types).

Additional Industry Goals

- Use standard, readily available and inventoried components and materials shortening the home-procurement time in the event of a disaster
- Provide explicit building designs and specifications so that construction methods are standardized, creating a level playing field for manufacturers
- Share knowledge and expertise within the panel to inform the process and facilitate a mutually beneficial environment
- Facilitate a dialogue among stakeholders soliciting discussion of, among other issues, prior design issues, failures and process inefficiencies
- Articulate a streamlined process that enables clearer communication between FEMA and bidding organizations, speeding up the bidding process and achieving consistent product quality

Project Website

- Agreement that the project website is a good format for sharing materials. The format is subject to change based on SME panel feedback.
- Email address links will be provided for all panel members, unless requested otherwise (please email zkaufman@research-alliance.org with any concerns)
- Suggestion: use web meetings instead of audio conference call so that draft materials can be presented visually (e.g. GoToMeeting or other webcast)

Next Meeting

- The next meeting will focus on the first few numbered items on the Project Plan (Attachment A). Meeting materials will include conceptual designs and schematic layouts.
- Next meeting date is tentatively set for **Wednesday, December 16 at 3:00 pm EST.**