

Universal Floorplan Design for FEMA Disaster-Relief Housing

Preliminary Design Survey

Name: _____

Affiliation: _____

Email address: _____

Phone: _____

Please complete and submit this survey in order to assist in the schematic design phase of the FEMA MHU floor plan project.

Experience from Prior FEMA Procurements

Given the project goal of developing a uniform set of designs and specifications that can be produced quickly using materials and products that are readily available and can be installed without significant retooling, identify current FEMA requirements that **do not** fit this criteria. Include materials and products that are not typically inventoried, building dimensions or use of products that impact cycle time and other examples of requirements that lead to higher cost, production inefficiencies, or will increase the time required to begin production of FEMA MHUs.

1. _____

2. _____

3. _____

4. _____

5. _____

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Design Constraints and Preferences

In this part of the survey, describe your plant's overall home dimensional constraints and preferences in building single-width MHUs. Identify typical (preferred) home dimensions and any limits on home size and configuration.

1. Please enter all MHU widths that your plant typically builds for single-wide units, as well as box widths that could be easily built in your manufacturing facility.

Typical box widths (ft.)

Limits on box width (ft.)

Comments

2. Please enter the range of lengths typical to your facility's single-wide MHUs, as well as the possible limits on box lengths.

Range of typical box lengths (ft.)

Limits on box lengths (ft.)

Comments

3. Please enter any side-wall heights that your plant commonly uses and those that the facility can easily accommodate.

Typical side wall heights (ft.)

Limits on side wall heights (ft.)

Comments

4. Please enter all roof pitches that your plant typically uses or is able to manufacture and ship.

Typical roof pitches (in./in.)

Limits on roof pitches (in./in.)

Comments

Please consider providing examples of floor plans of units produced for FEMA in the past. Email examples to Zoe Kaufman: zkaufman@research-alliance.org. Please indicate if this information should be kept confidential. Also contact Zoe with any suggested changes to the survey and with any questions or comments.

Thank you for completing this survey. Your responses will be extremely helpful in beginning the design process.