Living Lightly with Big House

RPG Grant Proposal

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Office for Example | Founder
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LafargeHolcim Next Generation Awards Lab
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A housing development in Cathedral City, near Palm Springs;
Image: Damon Winter/The New York Times
A home in Marfa utilizes tent structures; Marfa, TX
Image: Liz Gálvez
Living Lightly with Big House
Roof Infrastructures
(wi-fi internet, plumbing, heating, passive cooling, etc...)
Reflected Ceiling Plan
(wi-fi internet, plumbing, heating, passive cooling, etc...)
Pull apart programs of the Home to create interstitial spaces
Phase I:
A. Initial Preparatory Research
B. Interviews
   [1] residents / future clients,
   [2] government and code officials,
   [3] sustainability experts,
   [4] home builders and developers,
   [5] pre-fabrication and construction experts, and, lastly,
   [6] architects who have worked on similar models.

Phase II:
A. synthesize feedback to develop Big House as an affordable and sustain-
   able prototype through further understanding of real-world constraints
   and market conditions.
B. Respond to the collected data through:
   [1] design development / drawings
   [2] architectural model making
   [3] fabrication of a full-size module sample

Exhibition & Symposium: Prototype Launch
[1] interview data & selected invitees
[2] architectural models
[3] full size mock ups
Thank You!