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Preliminary Design Work | Solar Decathlon 2014: Techstyle Haus

2013

Haus House

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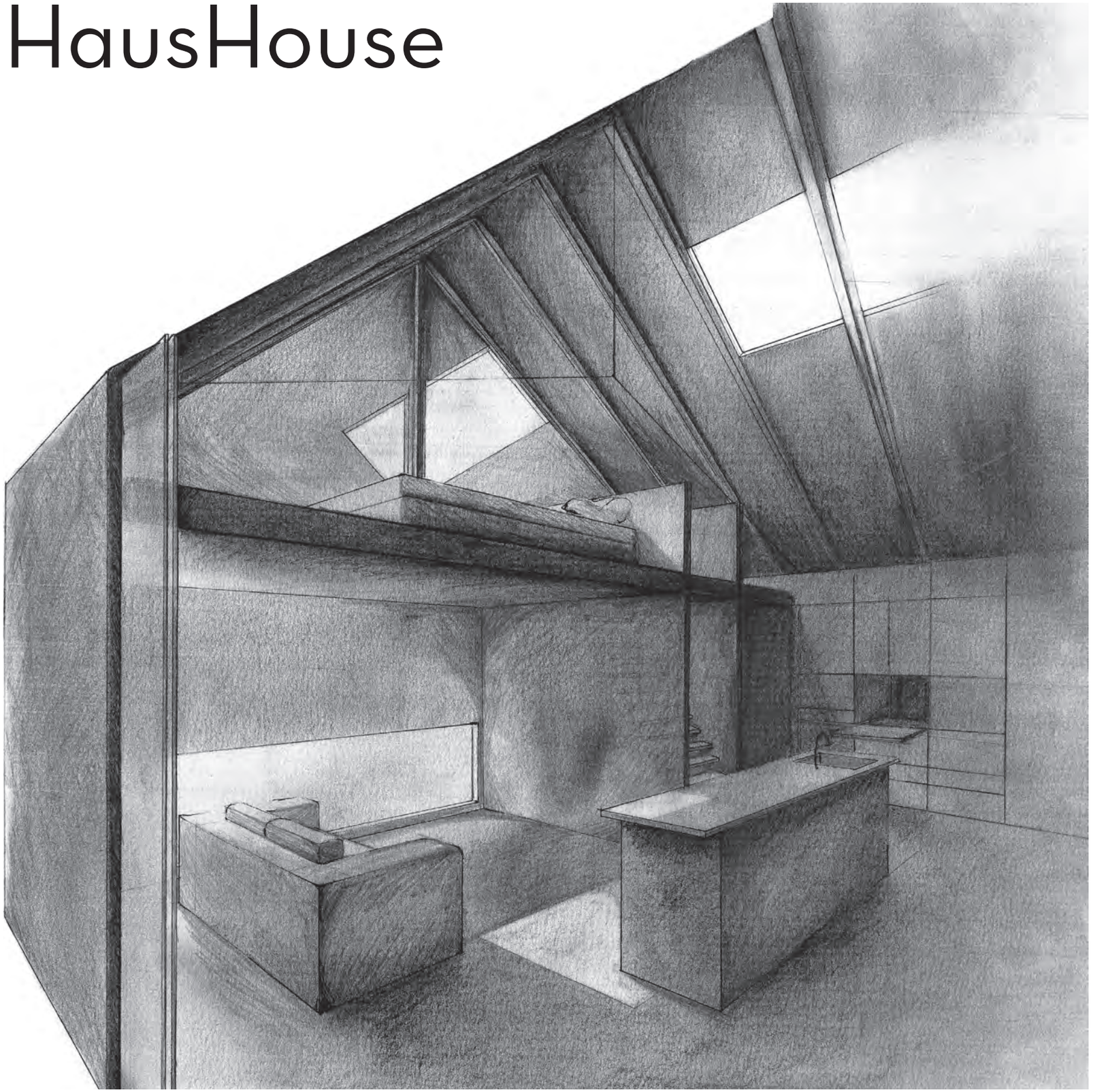
HausHouse

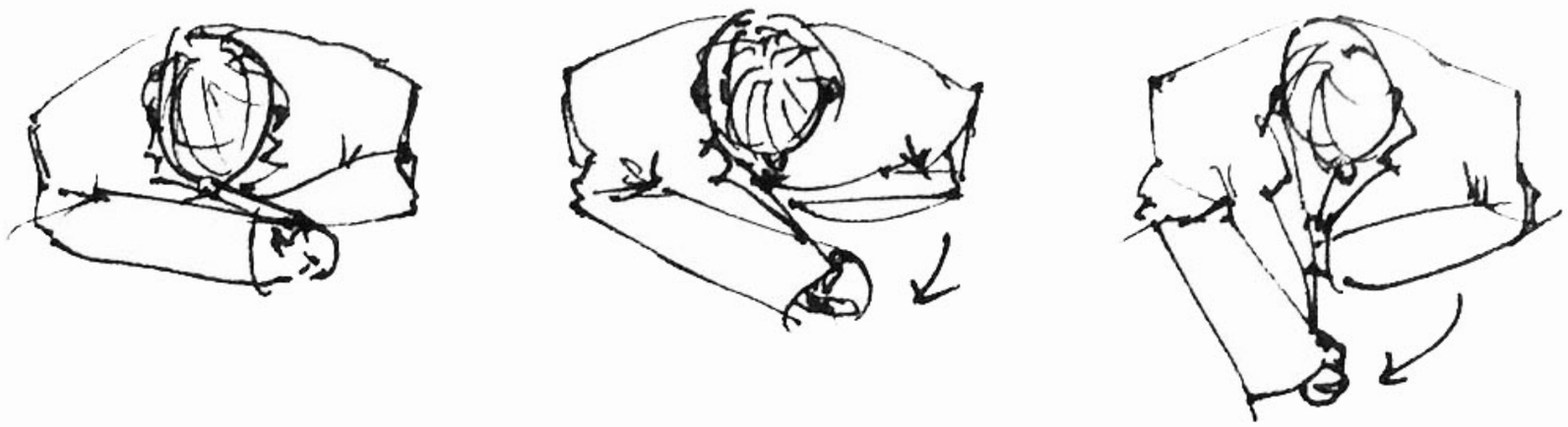


Concept

Just as a jacket can be adjusted to suit various weather conditions, so can HausHouse work to provide a living space that is capable of being tailored to the needs of the user and the changing seasons.

Using the familiar formal identity of the gable roof as a starting point, this proposal showcases the ability of textiles to challenge the material, programmatic, and ecological performance of the contemporary home.

Dynamic lighting, flexible partitions, and an expandable layered skin are just a few ways the user is empowered to make the house their own.



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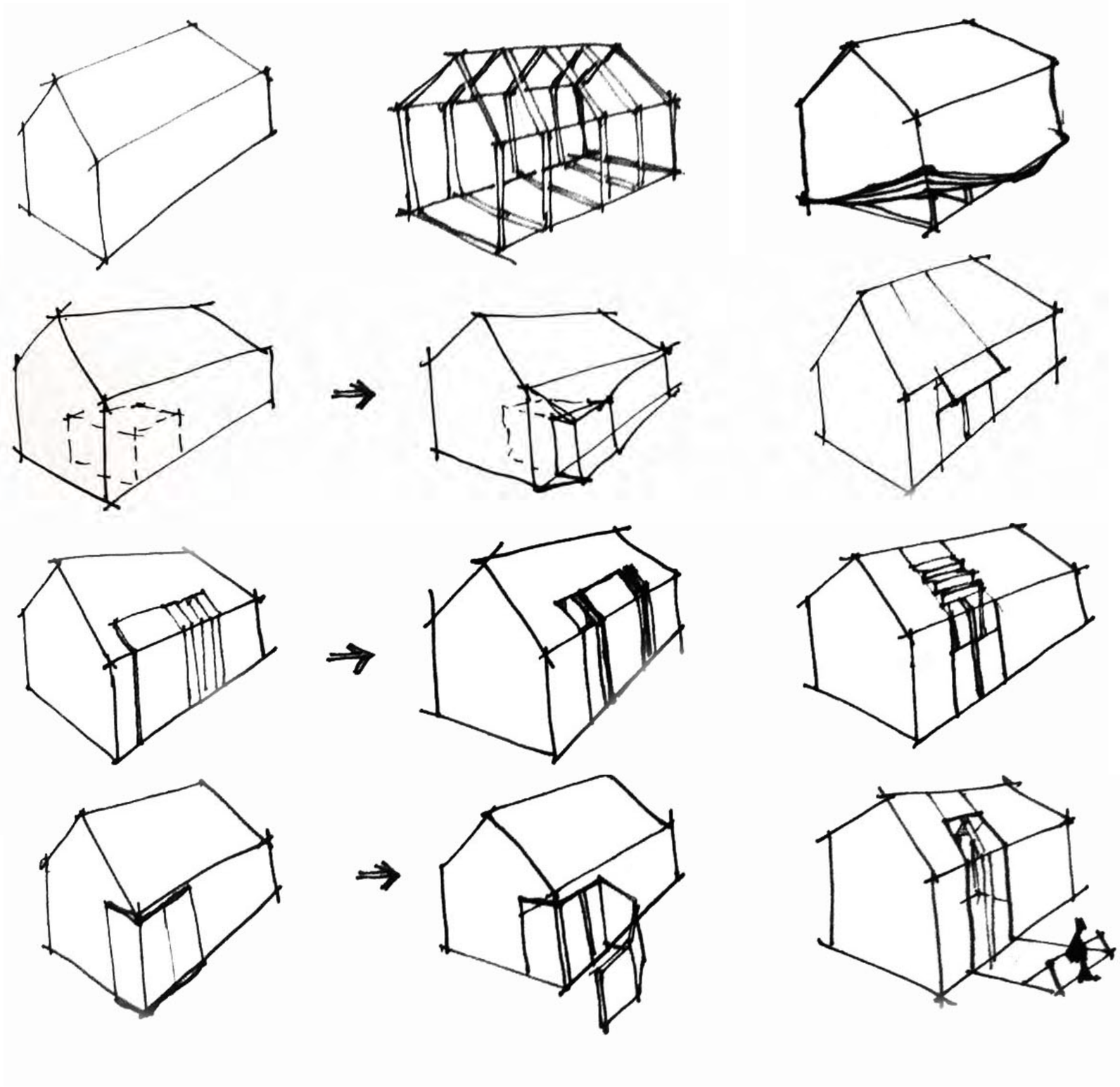
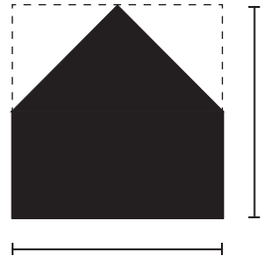
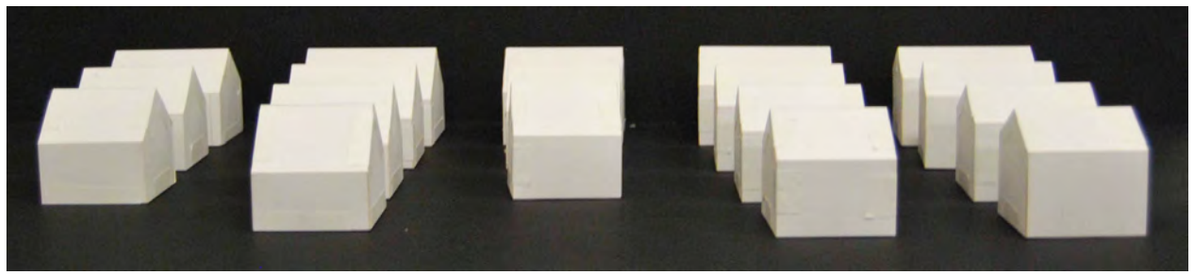
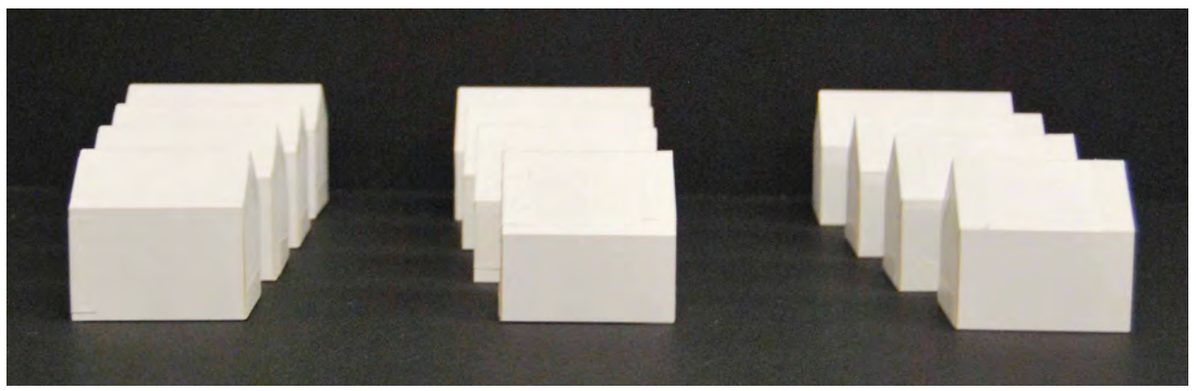
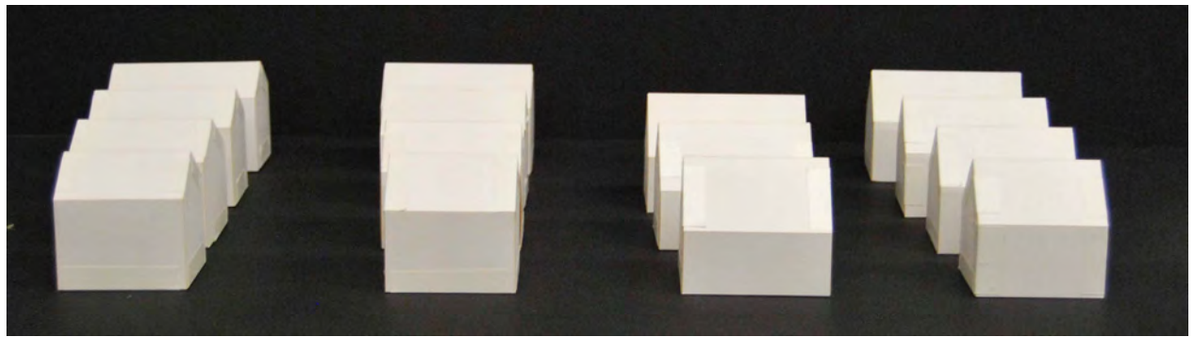


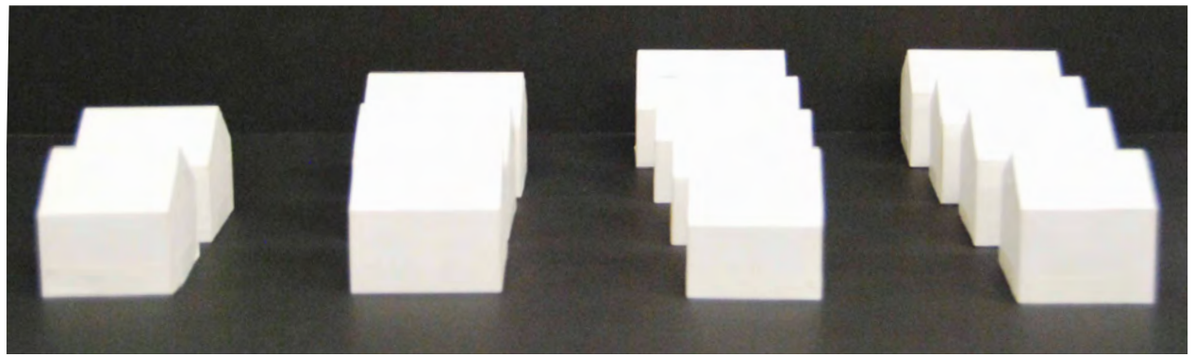
Process
proportional studies

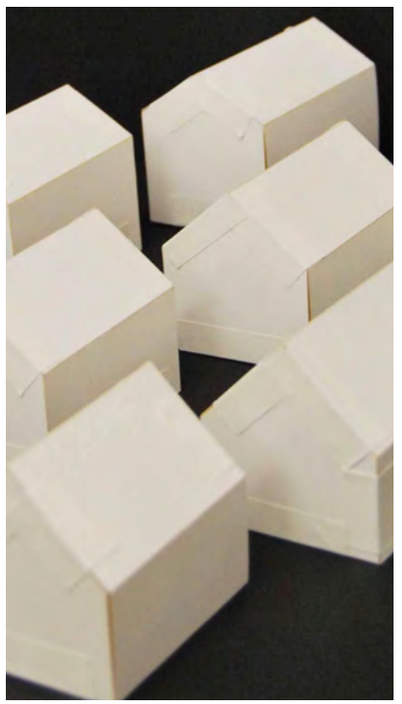




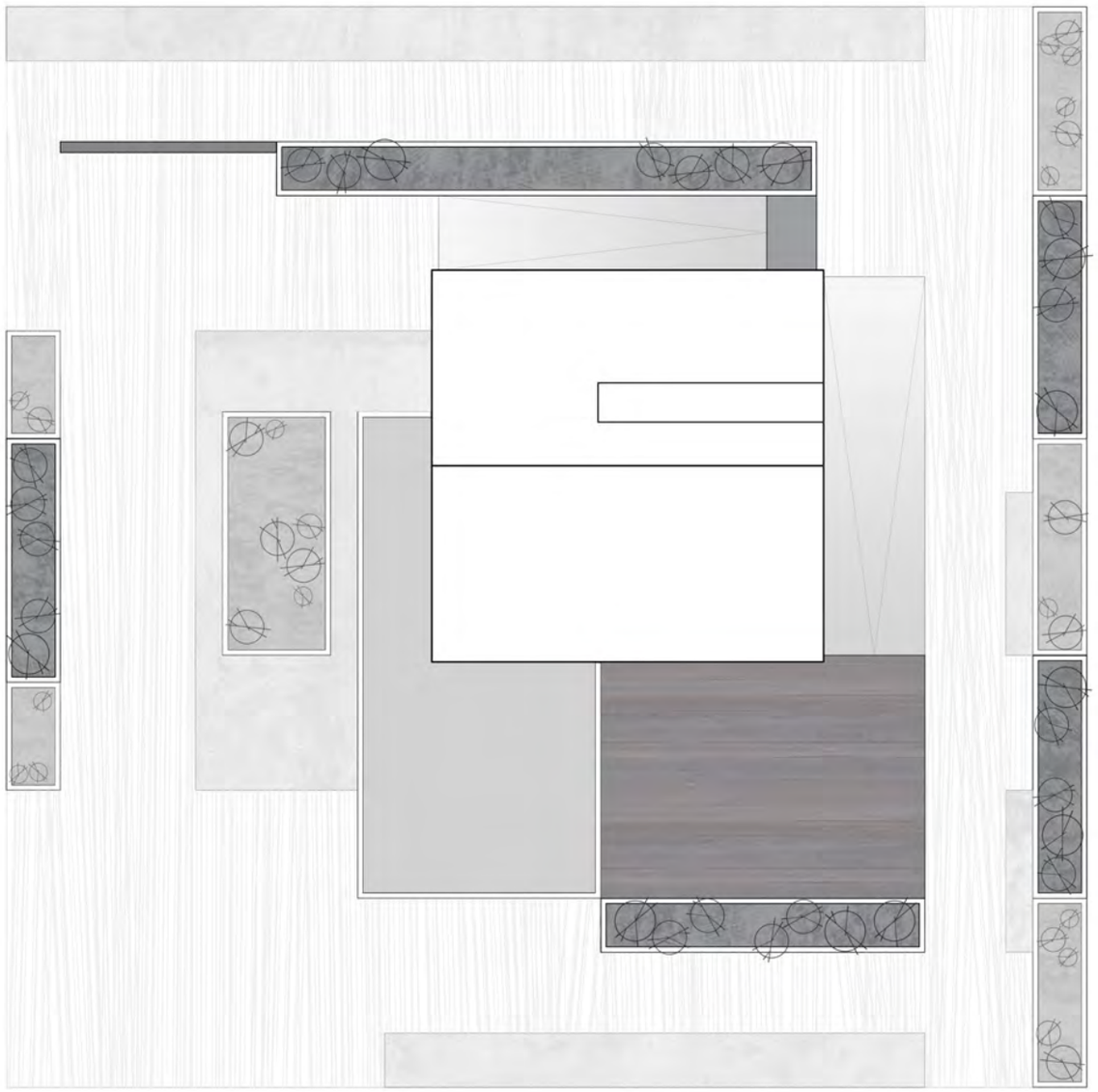




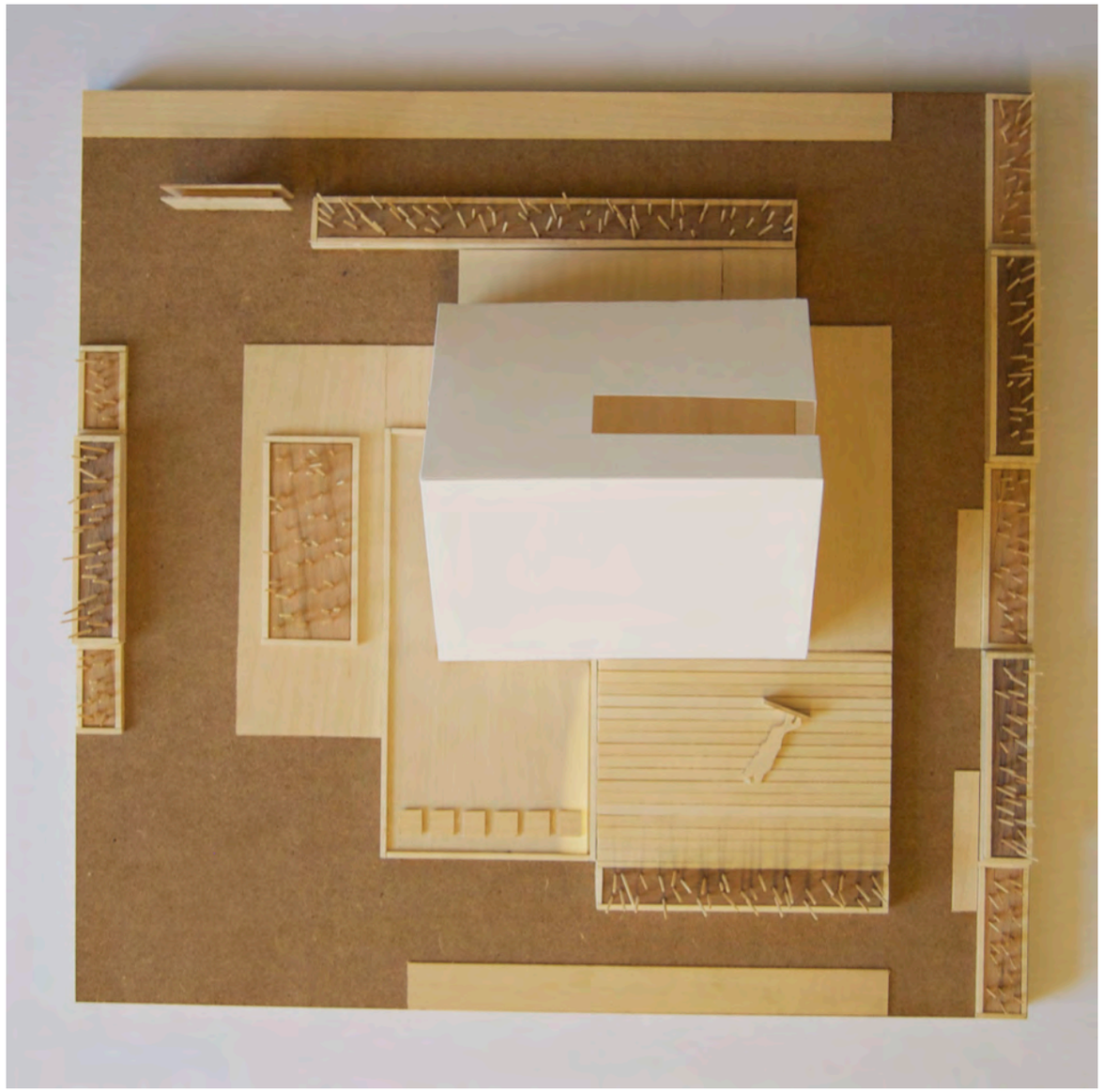




Inside HausHouse
landscape plan

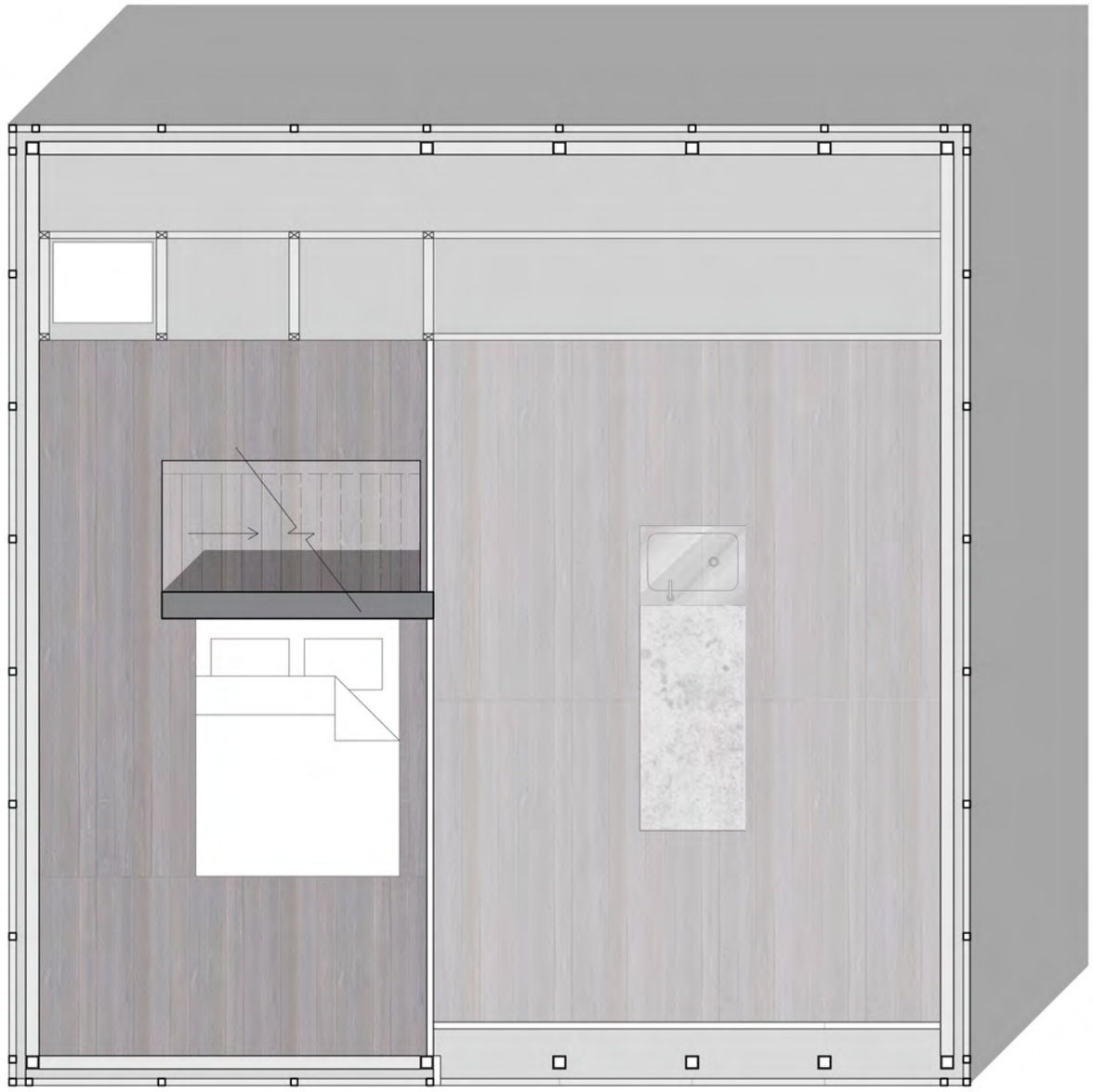


Inside HausHouse
landscape plan

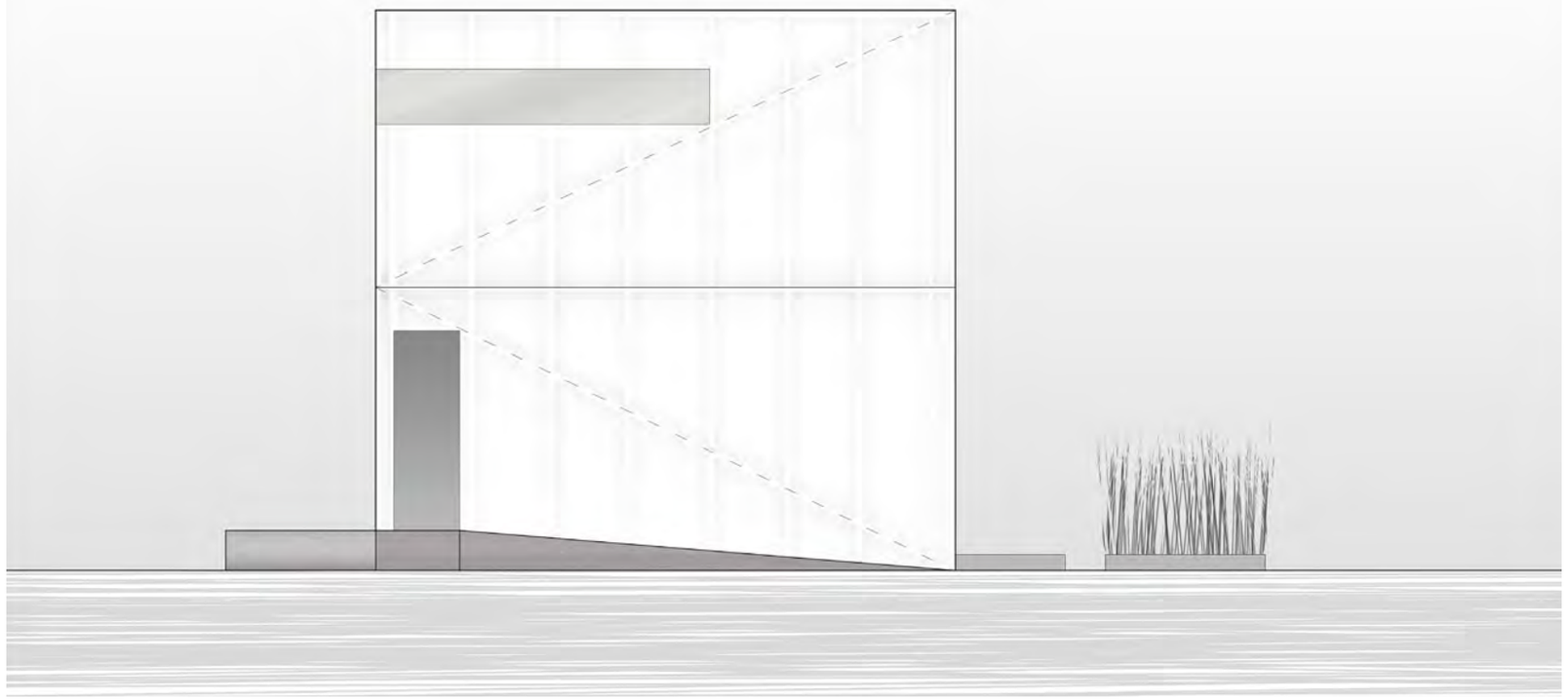


Inside HausHouse
ground plan

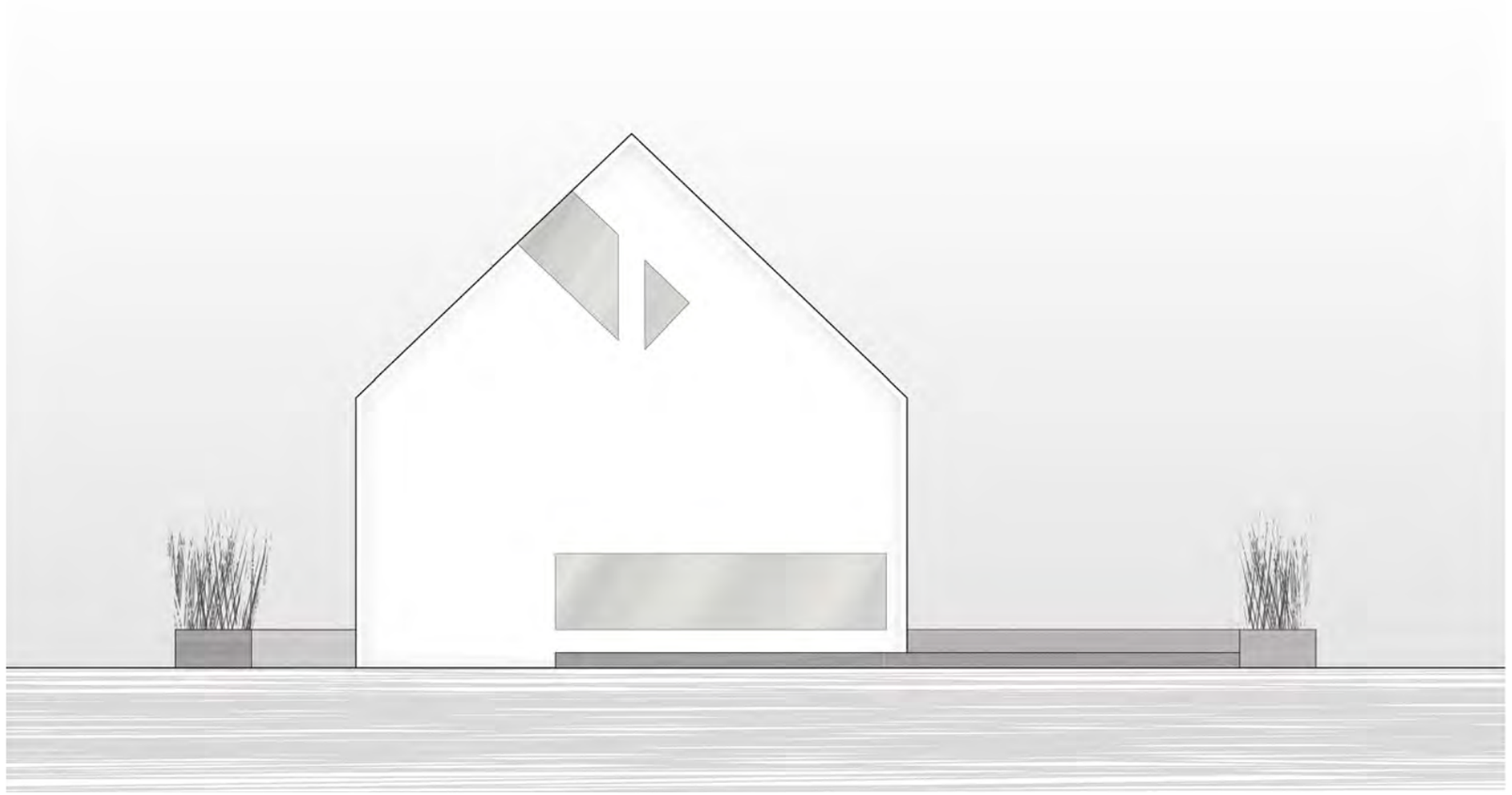
Inside HausHouse
loft plan



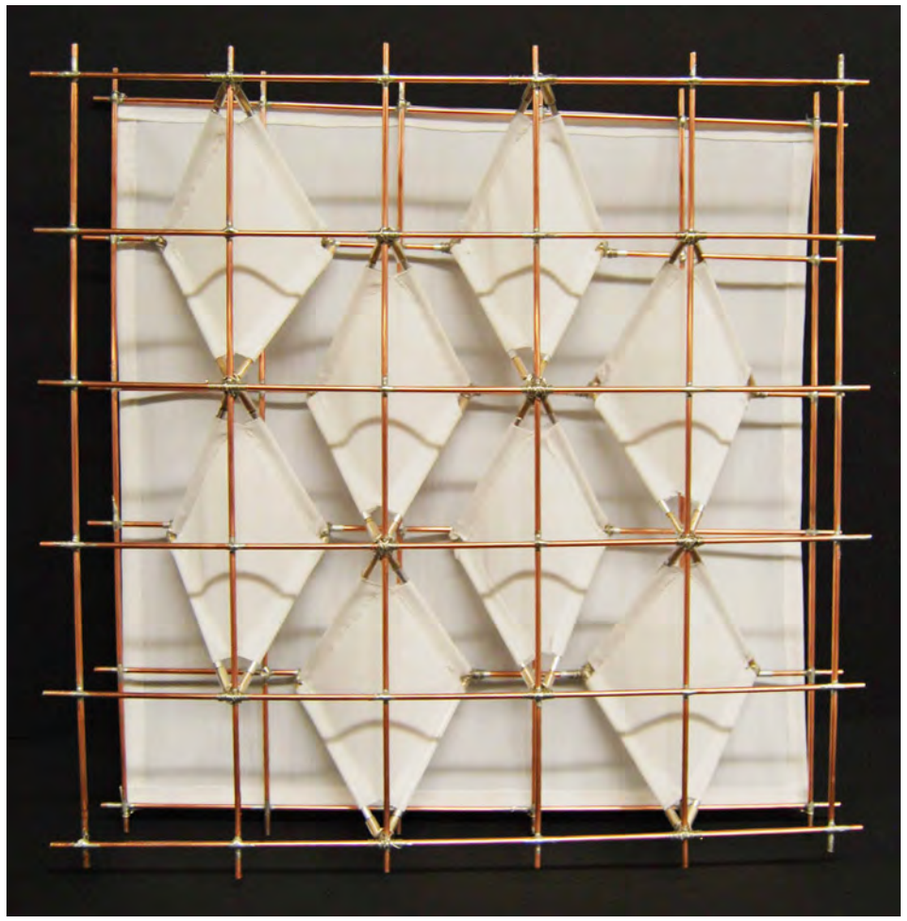
Skin
north elevation

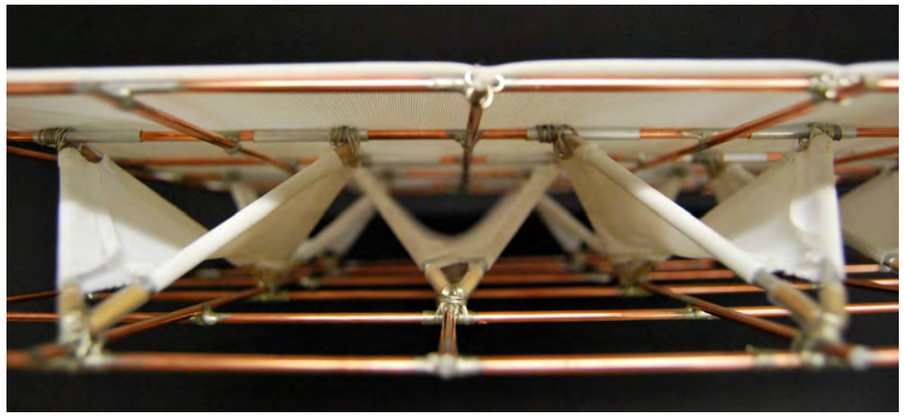


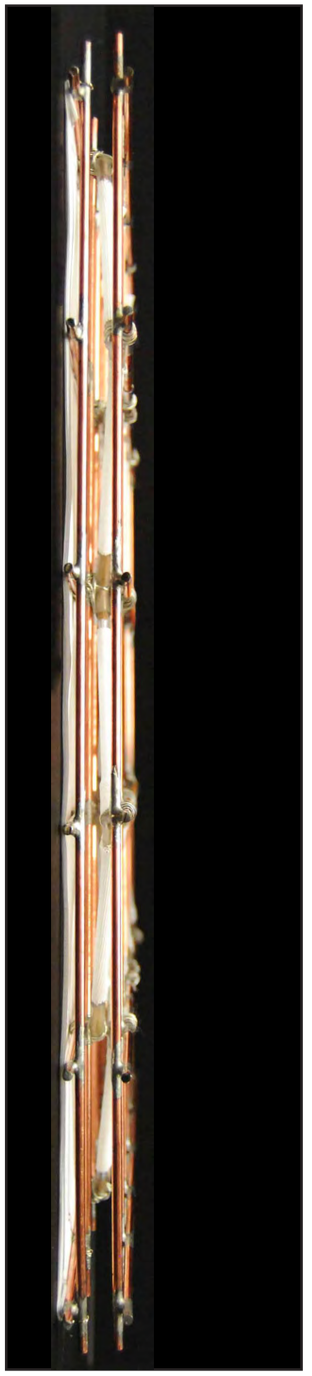
Skin
west elevation



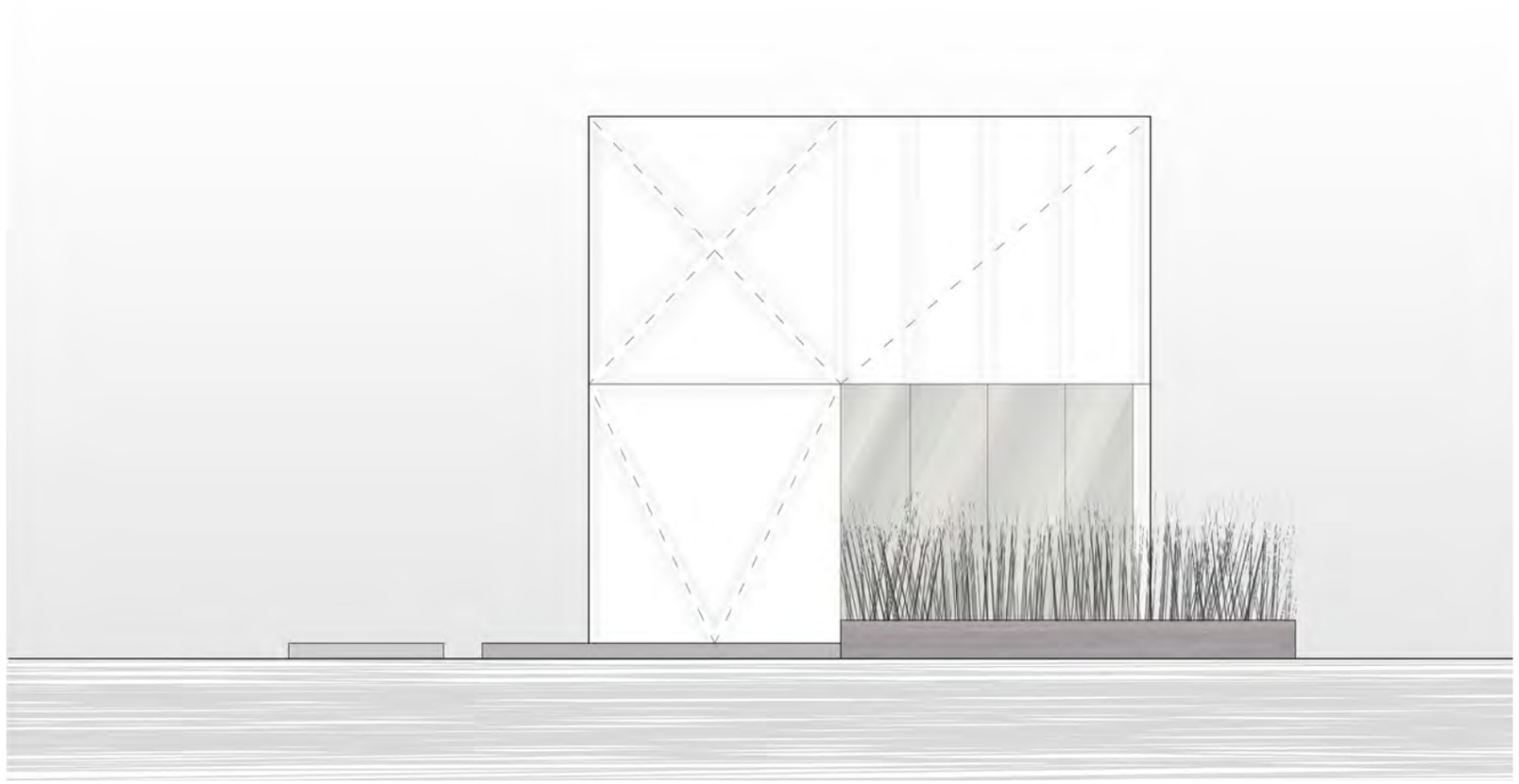
Skin
expandable wall



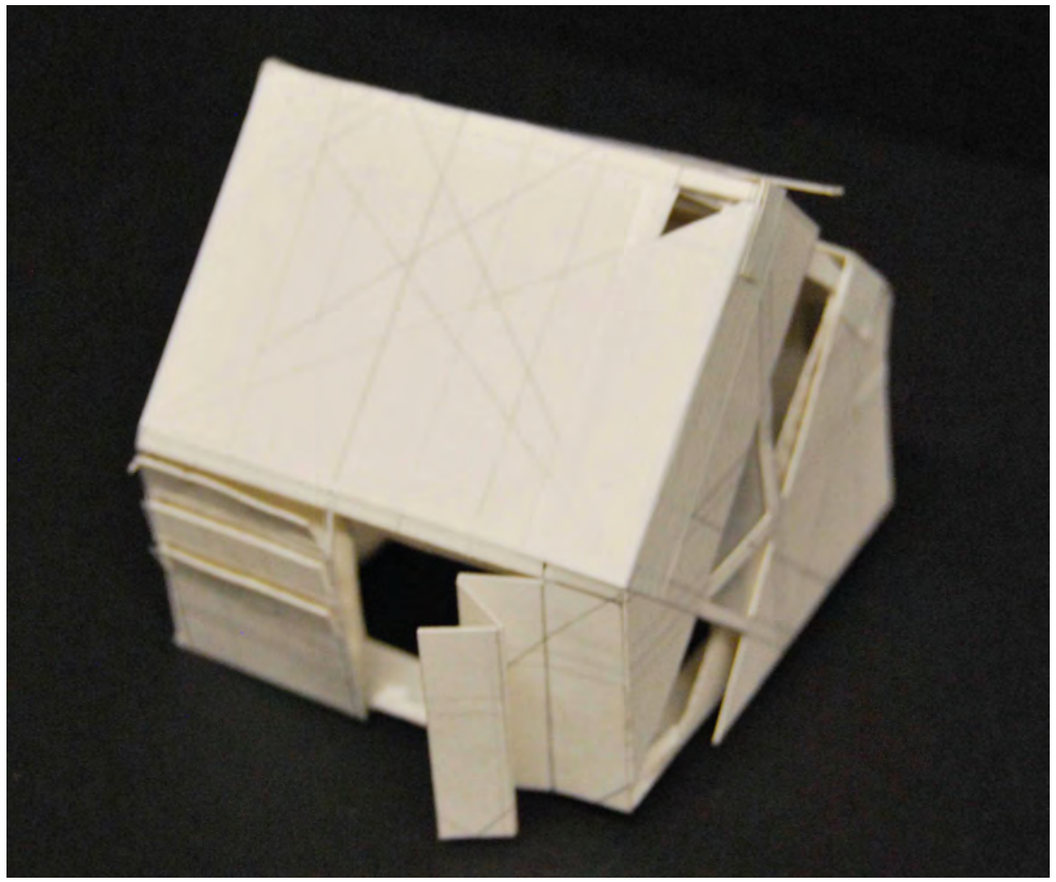


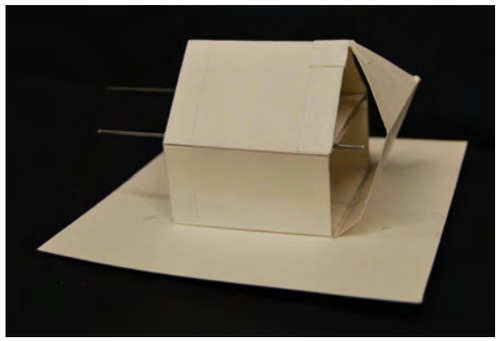


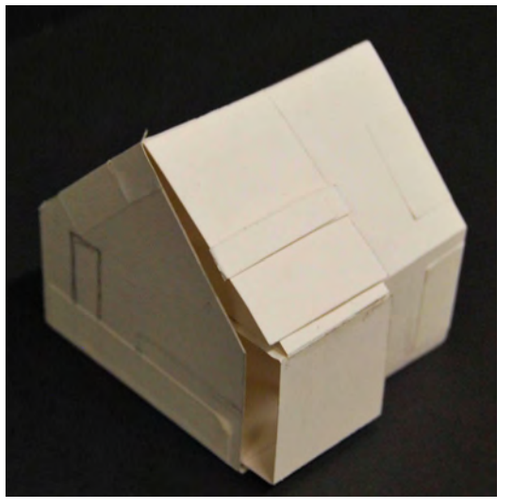
Skin
south elevation

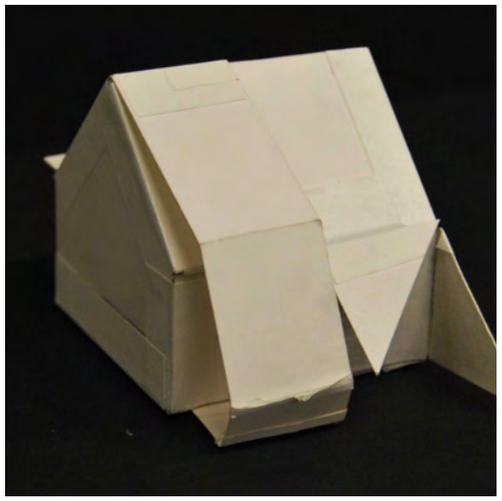


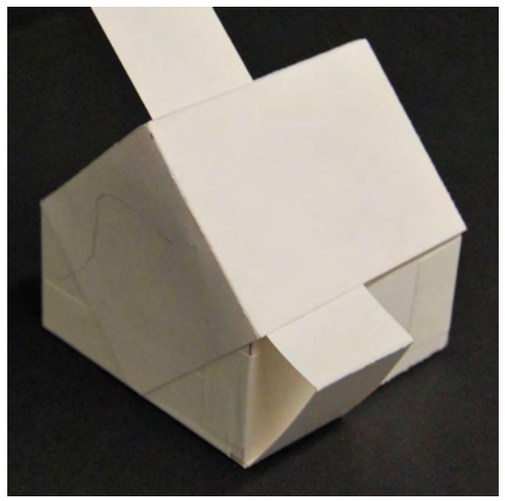
Skin
expansion

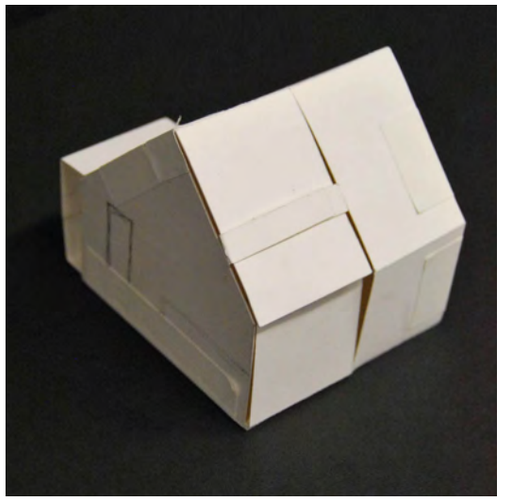




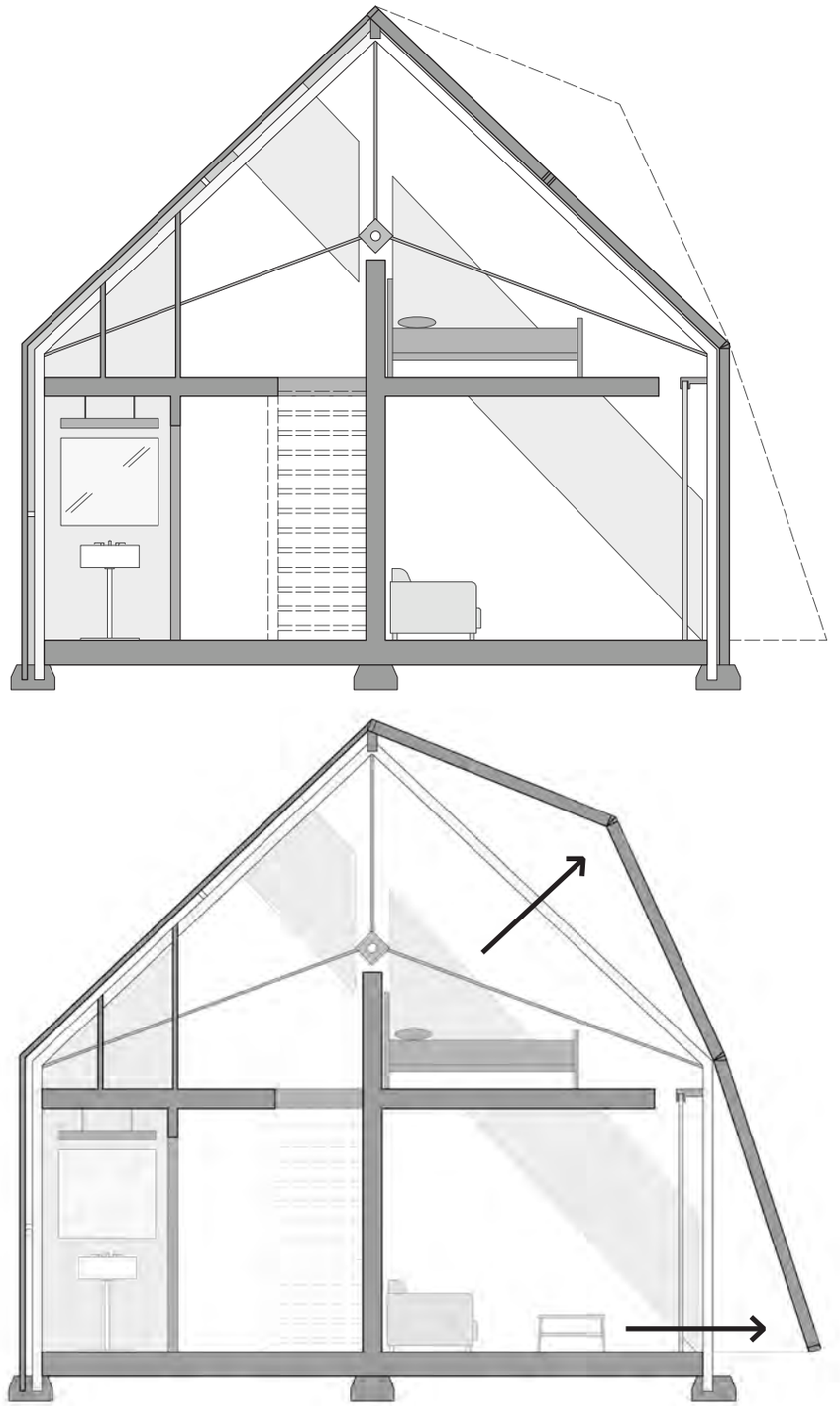




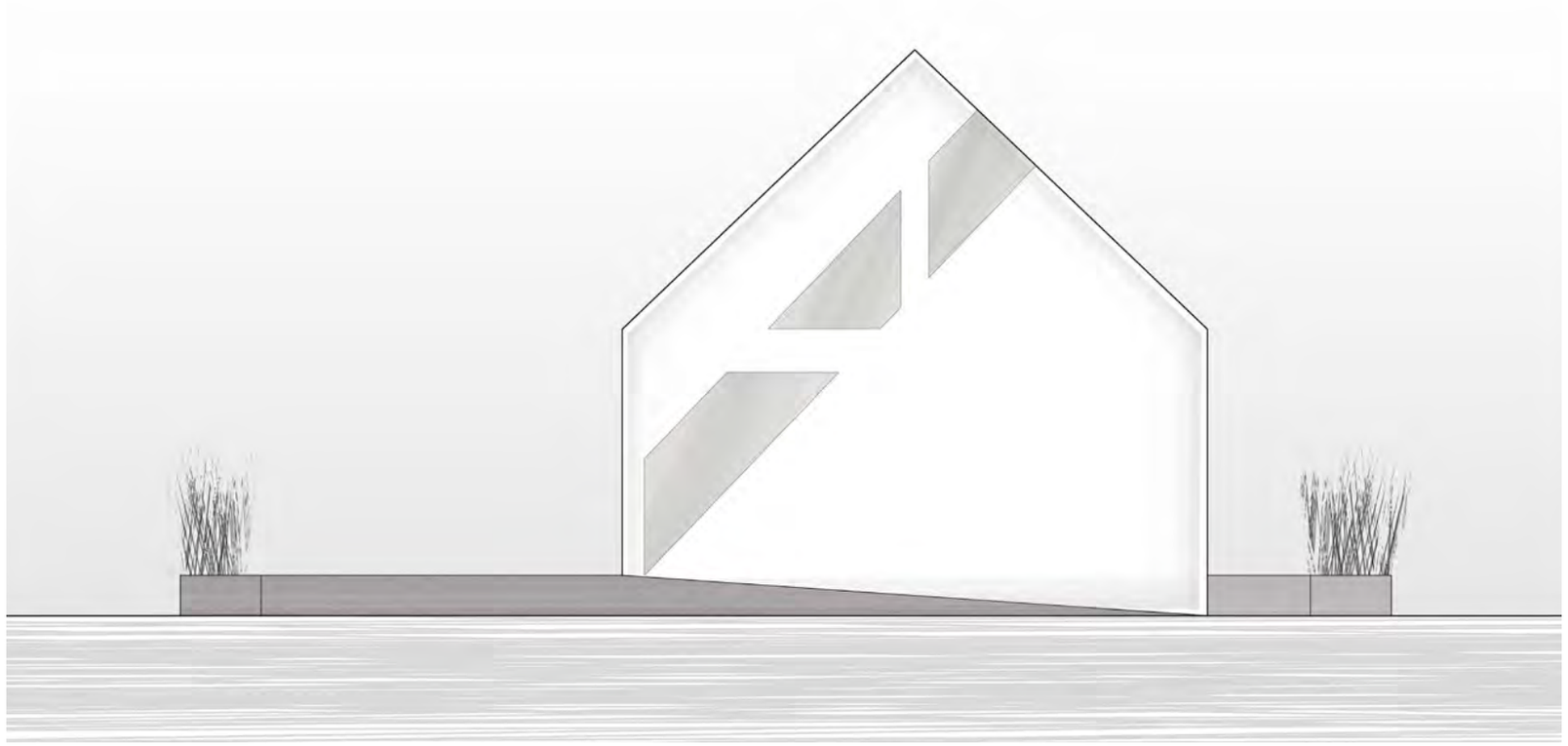




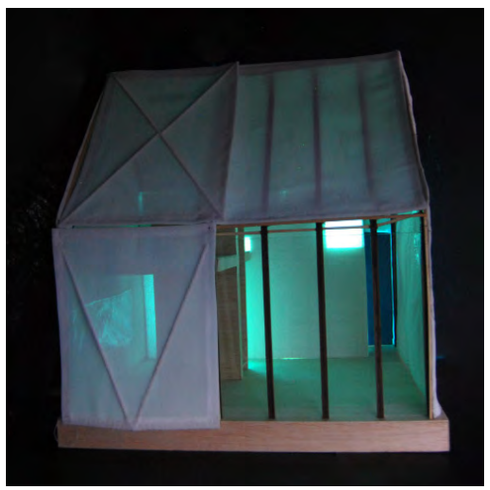
Skin
section



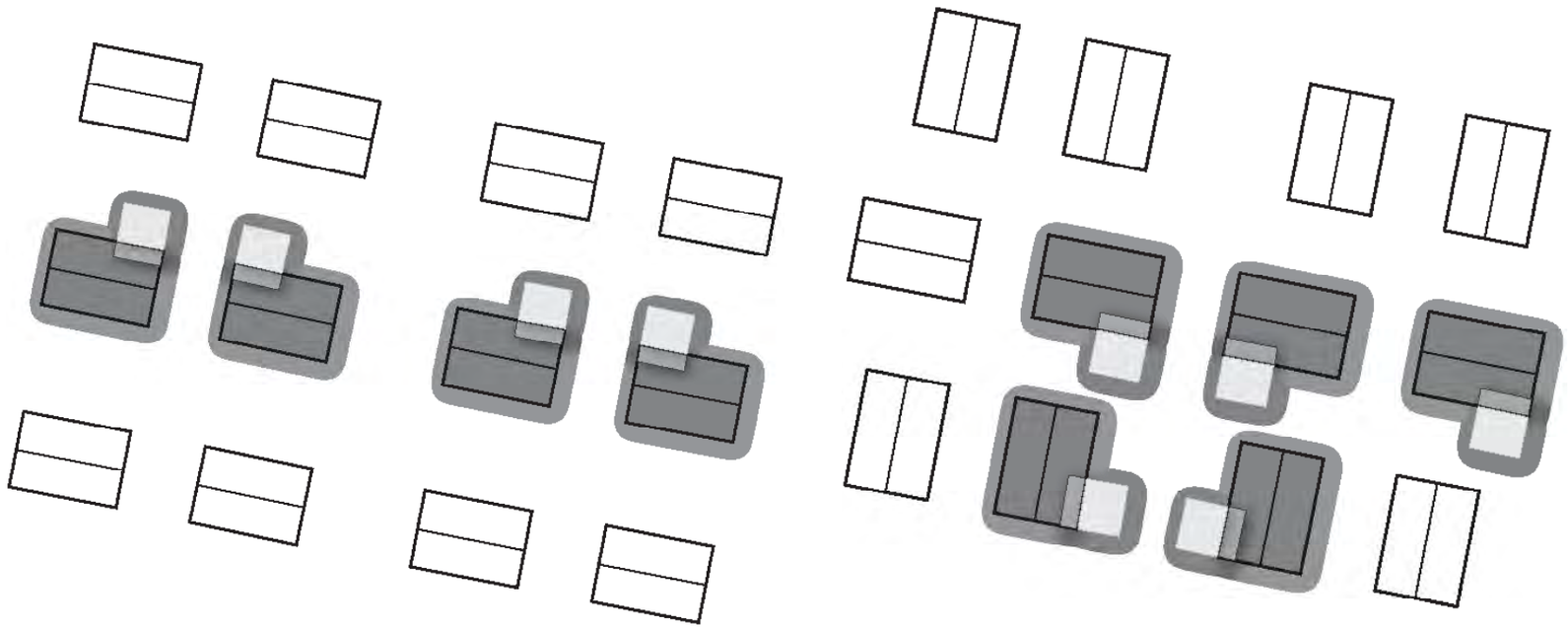
Skin
east elevation

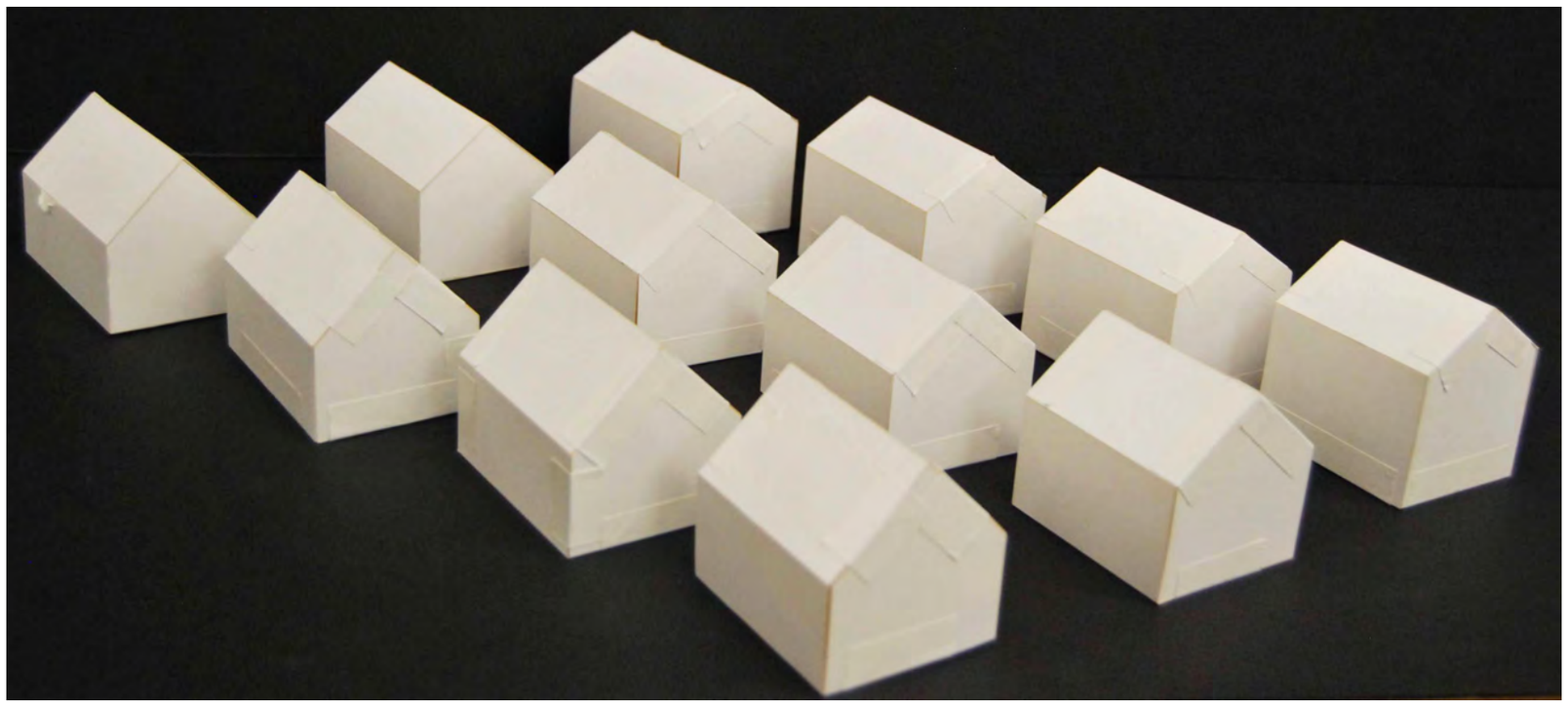
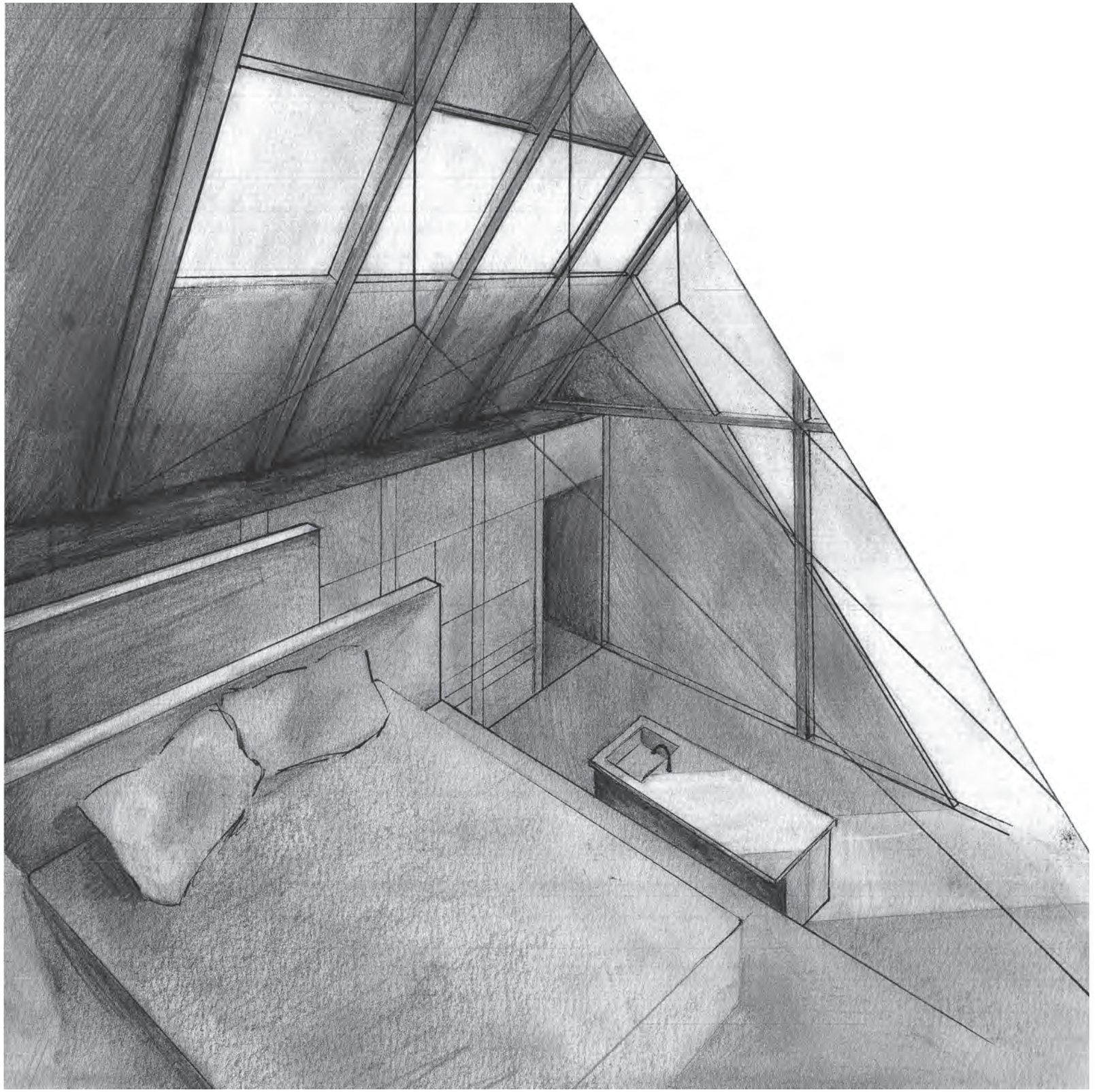


Skin
lighting



Urban Aggregation





Interior Views