



This design is intended to be simple in plan, function and construction. All while maintaining opportunities for modularity within a clean, comprehensive design.

Construction: By using advanced framing, which is the structural system of placing the roof joists directly above the 2x6 wall studs at 2 feet on center, the framework is cost effective and easy to construct. Combined with a linear plan this system has the potential for easy customization and modularity.

Materials: The materials are intended to be inexpensive and readily available. By designing around standard sheet sizes and lumber lengths, waste is reduced. The siding consists of high profile metal roof decking that wraps over the sloped roof and down the East and West facades, thus simplifying the necessary detailing and flashing requirements. The north and South facades use an inexpensive, durable fibrous cement board siding.

Lighting: The majority of the glazing is located on the North and South facades for maximum lighting control and efficiency. The Southern glazing is recessed within the building to provide optimal shading during the hot summer days yet still allowing for solar heating on the cool winter days.

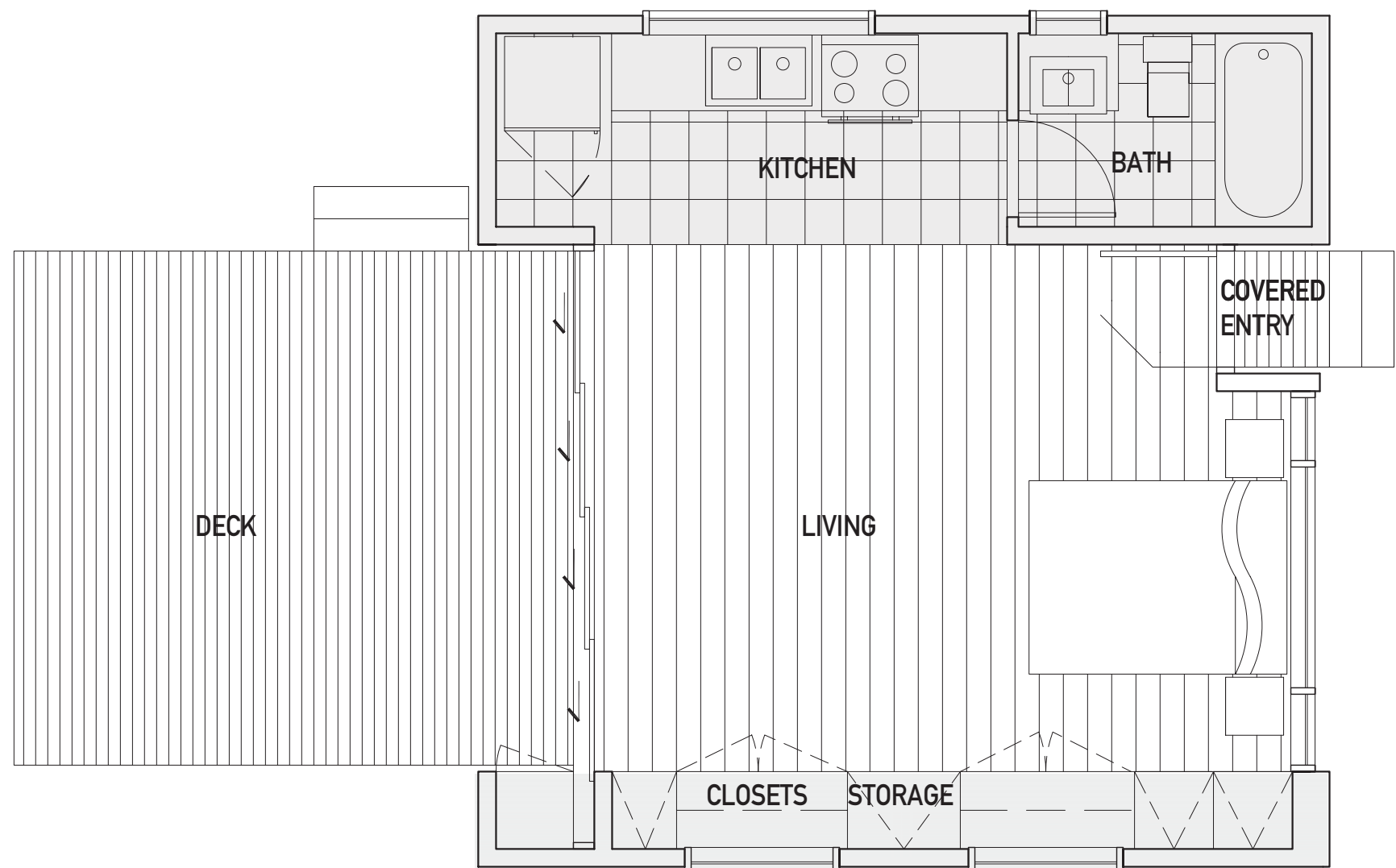


PROJECT NAME:	Secondary Dwelling Design Competition		Introduction
LOCATION:	San Luis Obispo County		DATE: March 16, 2007

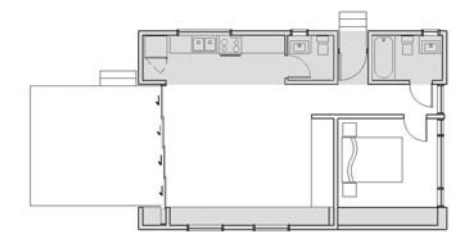
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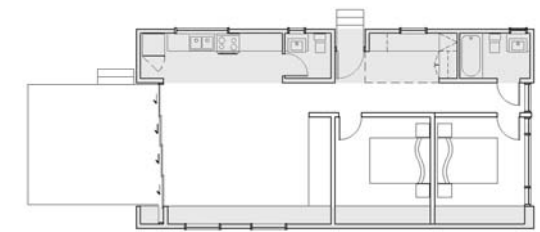
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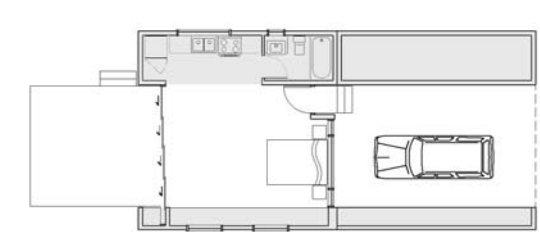
Plan: The 22' square modular plan is simplified by pushing the support spaces into bars along the sides of the main living space. One bar contains the "wet" spaces; the kitchen and bathroom as well as an optional washer/dryer, and the other contains the "dry" storage spaces, such as bookshelves and closets. The main living space slips between the support bars and is visually extended out onto the deck with the use of full width sliding doors. When the sliding doors are pulled back into the storage bar, the deck becomes part of the living space. Indoor becomes outdoor, outdoor becomes indoor. The simple structural concept allows for the plan to be extended linearly in 2 foot increments. Ideally, the structural frame could be pre-fabricated in ten foot modules and delivered to the site.



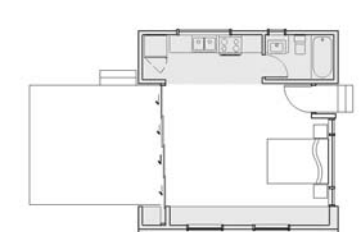
one bedroom option



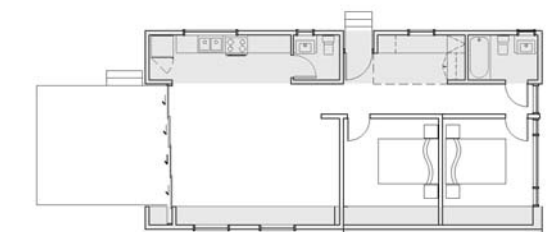
two bedroom



studio w/garage



studio w/garage



two bed w/garage

PROJECT NAME:	Secondary Dwelling Design Competition		Plan	
LOCATION:	San Luis Obispo County		SCALE: 1/4in=1ft	DATE: March 16, 2007

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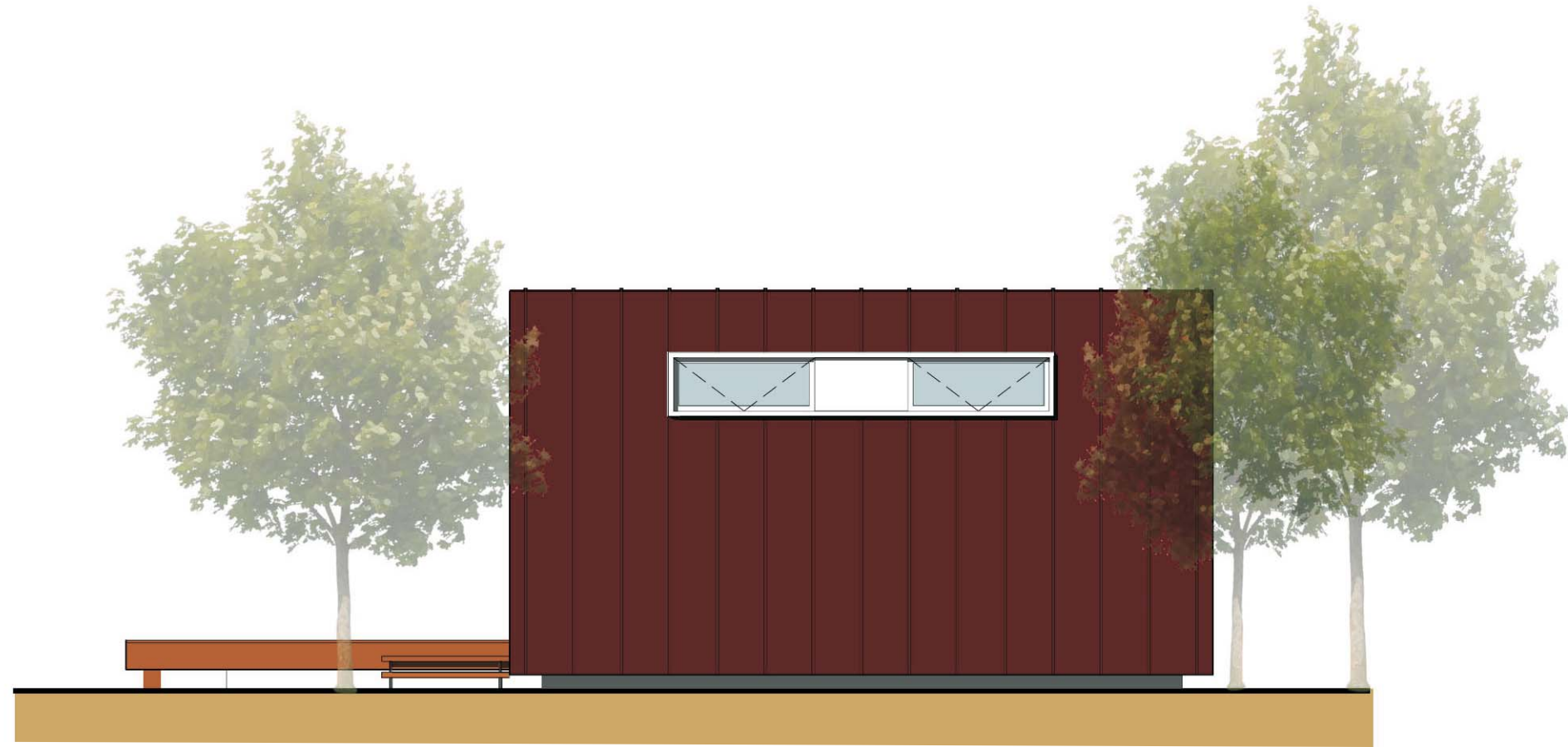
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joanna funke, architect joel snyder, designer ian withers, designer james jamieson, designer



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East Elevation

Elevations: The elevations are intended to clearly portray the concepts manifested in the plan as well as the structural system. The deck appears to slip in between the solid programmatic “bars” that reinforce the simplicity of the framework. The North and South facades are treated differently from the East and West facades in order to emphasize their unique roles in dealing with solar gain.



North Elevation

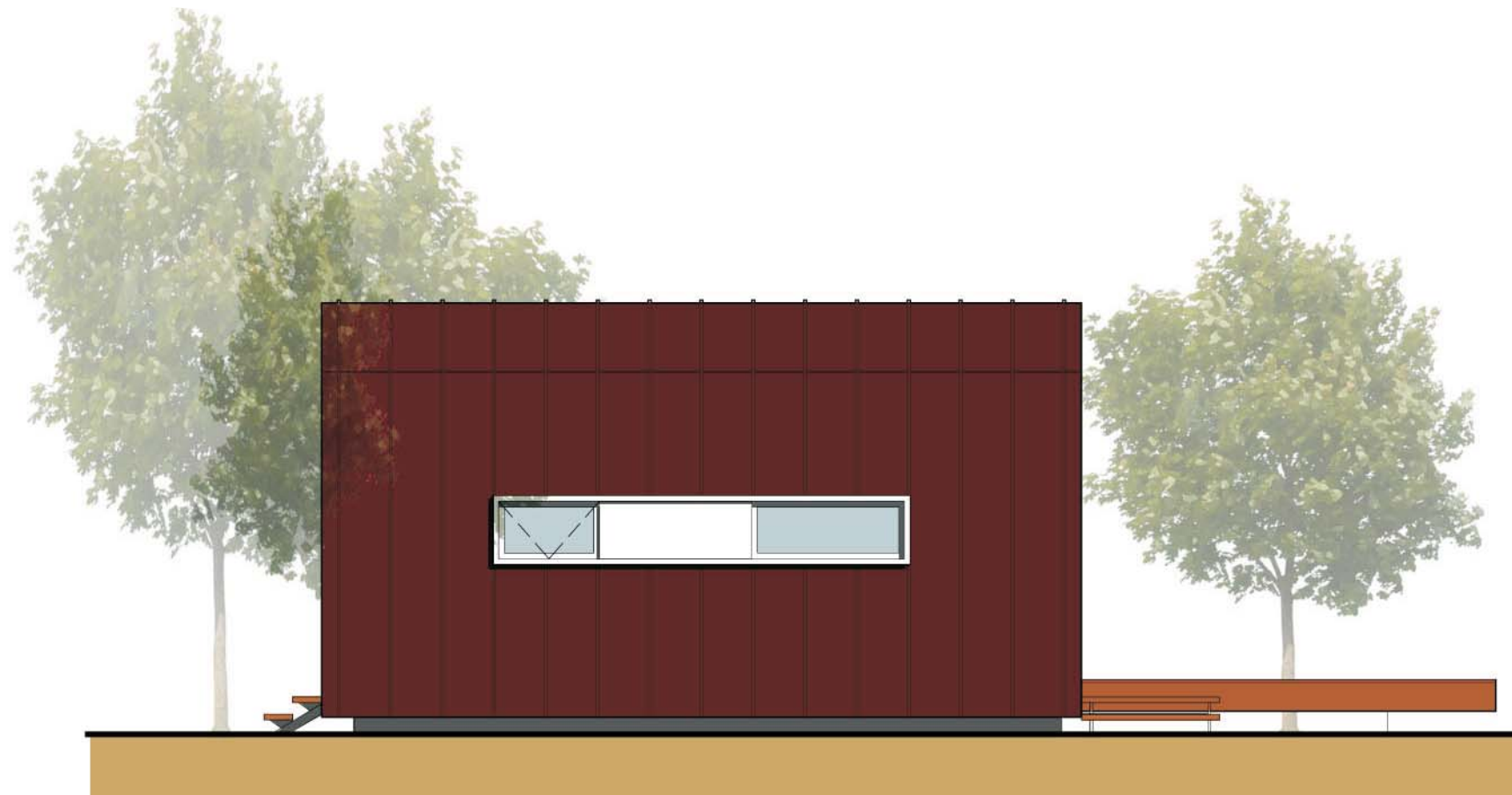
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PROJECT NAME:	Secondary Dwelling Design Competition		Elevations	
LOCATION:	San Luis Obispo County		SCALE: 1/4in=1ft	DATE: March 16, 2007

joanna funke, architect joel snyder, designer ian withers, designer james jamieson, designer



West Elevation



South Elevation



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LOCATION:	San Luis Obispo County		SCALE: 1/4in=1ft	DATE: March 16, 2007

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