

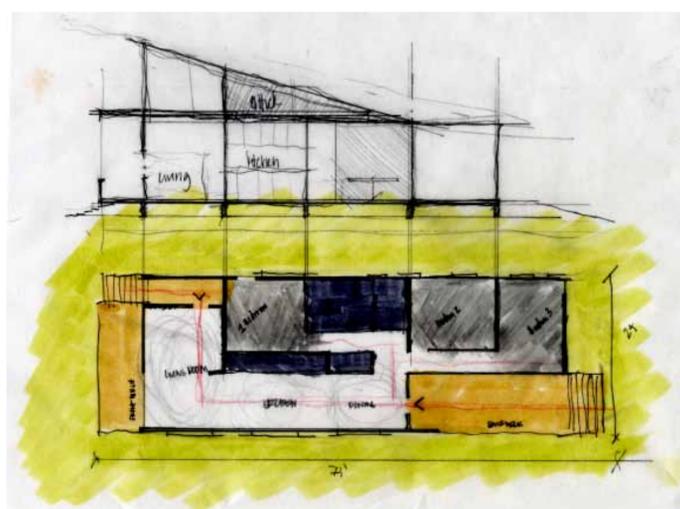
TULANE URBANbuild 04



images taken from tulaneurbanbuild.com



PLAN



PROGRAMMATIC LAYOUT/CIRCULATION

PROJECT DATA:

DESCRIPTION:

Tulane URBANbuild 04 is a house built in New Orleans, LA, that explores the relationship between public and private spaces and the connection of the house to the street. Design efforts were focused on sustainability and ultimately achieved LEED Silver Certification.

The design process involved investigating typical characteristics of the neighborhoods including lot orientation, programmatic elements, and spatial typologies, etc. The intention of URBANbuild was to create "low-cost, well designed, environmentally responsive houses... with the goal of contributing substantial and relevant proposals of progress amidst the preservation of an existing historic fabric." from urbanbuild.net

TYPE: single family home

CONTEXT: prototype, New Orleans, LA – post Katrina, hot and humid climate

COMPLETION: 2009

ARCHITECT: Tulane URBANbuild

TOTAL SF: 1200

UNIT/ACRE: 1

UNIT BREAKDOWN: 3 bedrooms, 2 baths, kitchen, living, dining, and private garden

HOME QUALITIES:

The design of the house puts emphasis on its connection with the street and takes advantage of the corner lot on which it was built. Porches allow for this connection, and movable screens controlled by the homeowner provide flexibility with privacy as well as the amount of light that enters the house. This flexibility allows the occupier of the house to control his own comfort level. An efficient plan also provides for comfort and ease of use.

MATERIALS AND ASSEMBLIES:

wood- stick built on site, concrete foundation, siding, bamboo floors, ceiling fans, low-e coated windows, zero-VOC interior paint

SUSTAINABLE STRATEGIES:

The use of certain materials allows for better energy efficiency: advanced insulation, low-e coated windows, Energy-Star electrical fixtures, an energy saving air conditioner, sustainably harvested and manufactured materials like bamboo flooring and zero-VOC interior paint. The house also takes advantage of natural daylight, which can be controlled via the exterior screening system. The lot location is also close to public transportation and community services.