The page features six decorative circles of varying shades of light purple. Three are solid and three are hollow. They are arranged in two rows: the top row has a hollow circle on the left, a solid circle in the middle, and a solid circle on the right; the bottom row has a solid circle on the left, a solid circle in the middle, and a hollow circle on the right. The title text is centered over the top row of circles.

# Tiny House Final Project

Gail Hug

December 2012

# Project Overview

**Location:** Door County, Wisconsin

## **Dimensions:**

Footprint: 19'x8'

Ceiling height: 6'-3"

Loft height: 3'-8"

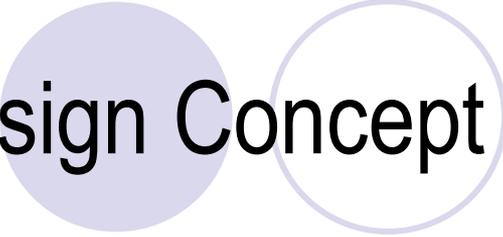
Bedroom: at least 6x6

Porch: 7'-6"x3'

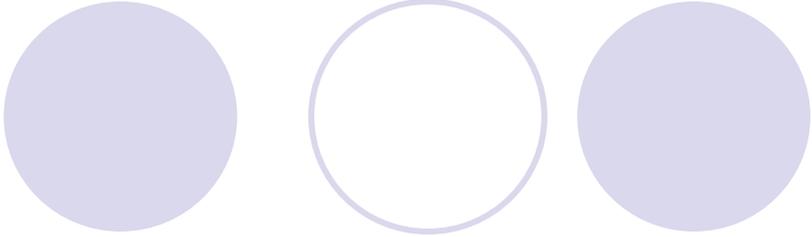
## **Client Needs**

- This project was requested by a couple who will use this tiny house occasionally as a summer home.
- Versatile elements
- "Urban Chic" style
- Queen sized bed

# Design Concept



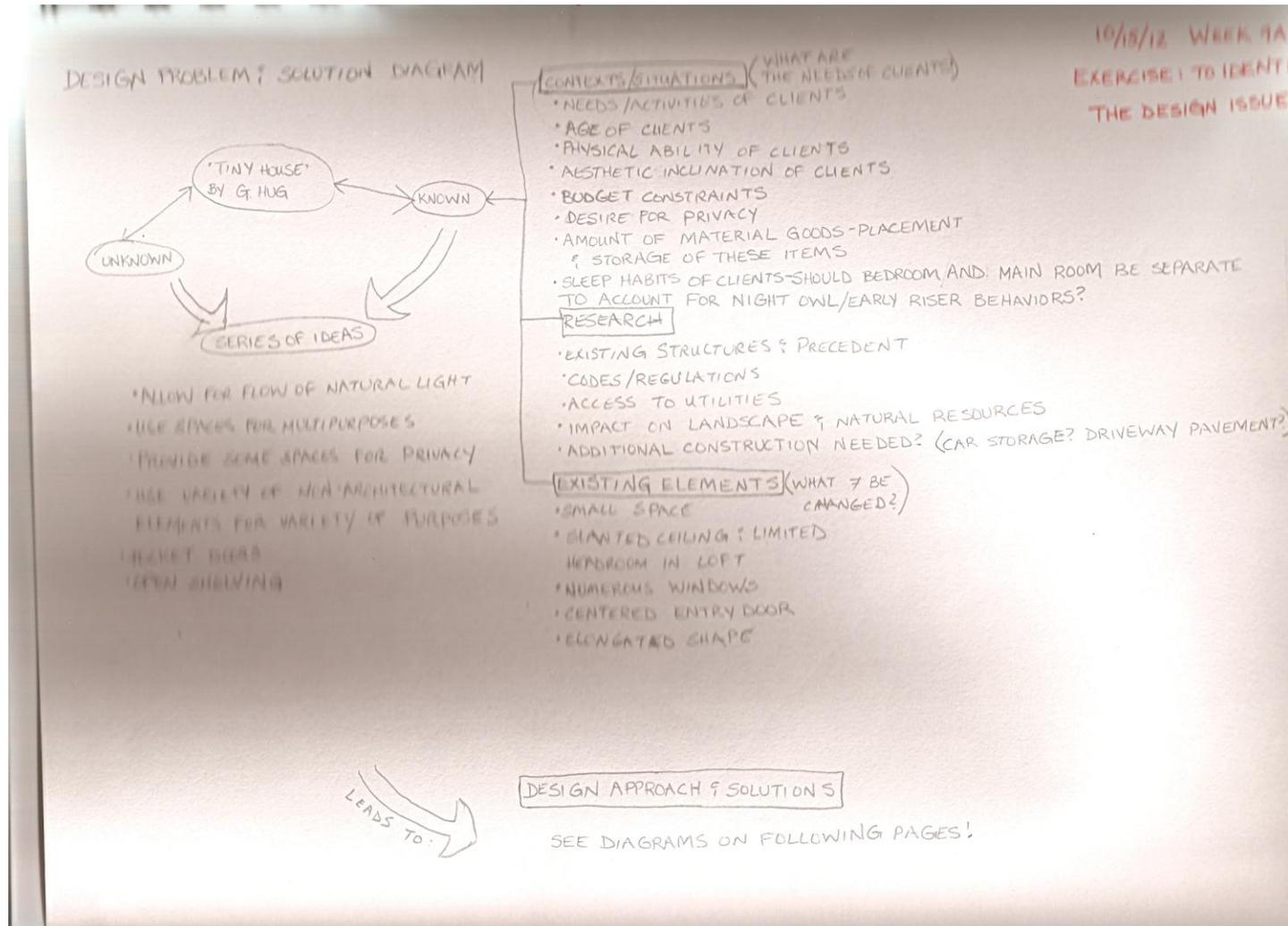
The simple goal is to maximize space given the small layout of this space. Utilizing techniques for storage, eliminating dead floor space, and the efficient use of space make this tiny house effective.



Emphasizing horizontal lines throughout the space unifies the tiny house.

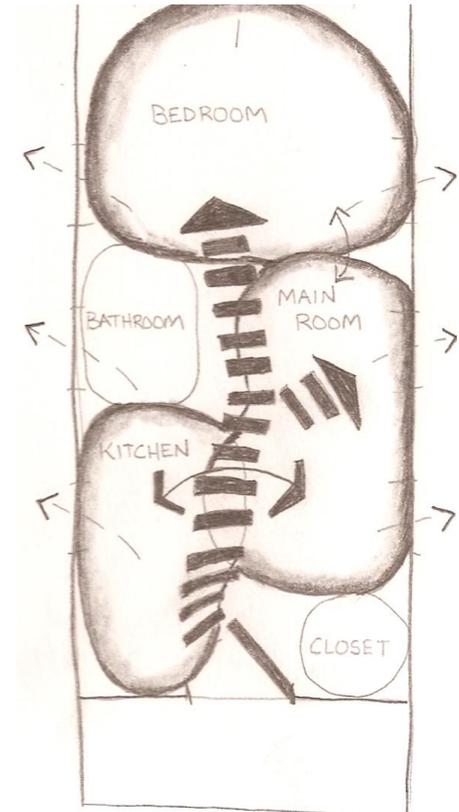
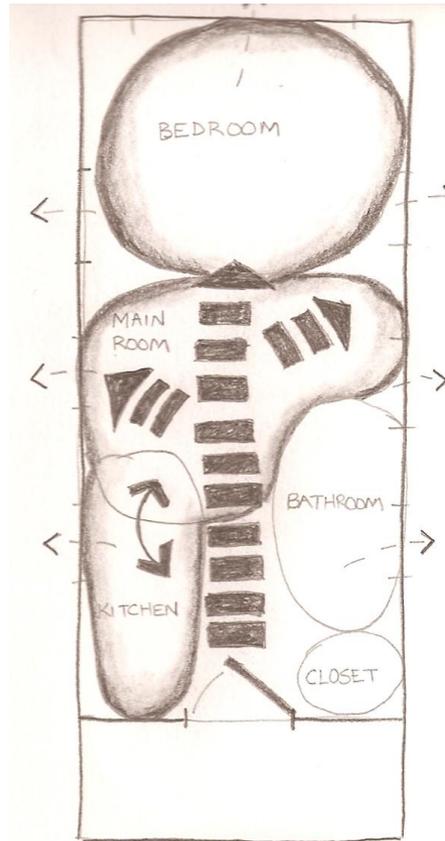
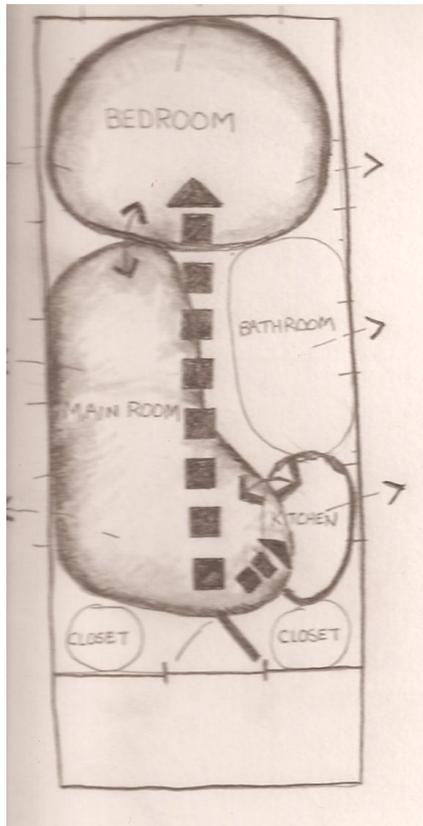
# Project Overview

## Design Problem/Solution Diagram



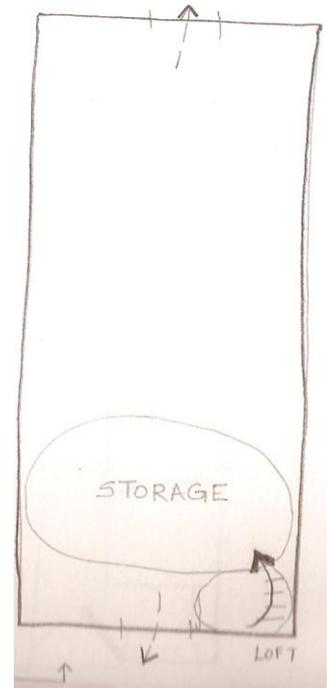
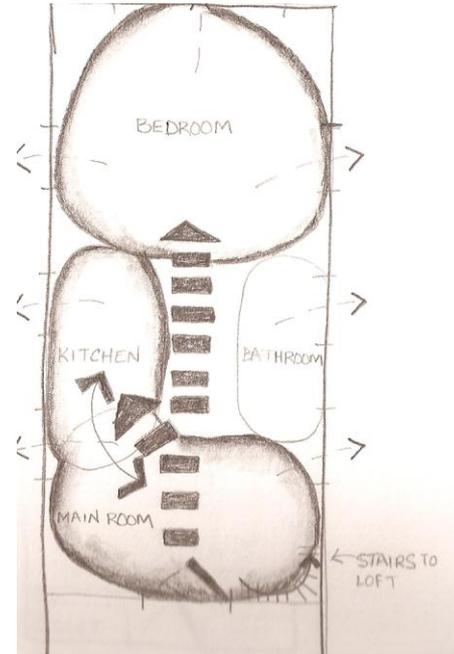
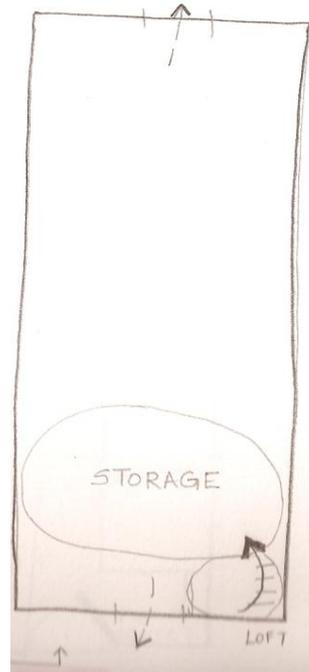
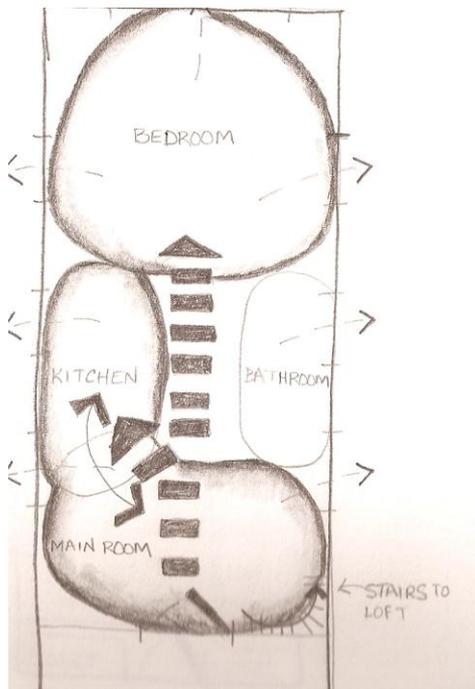
# Schematic Design

Bubble Diagrams



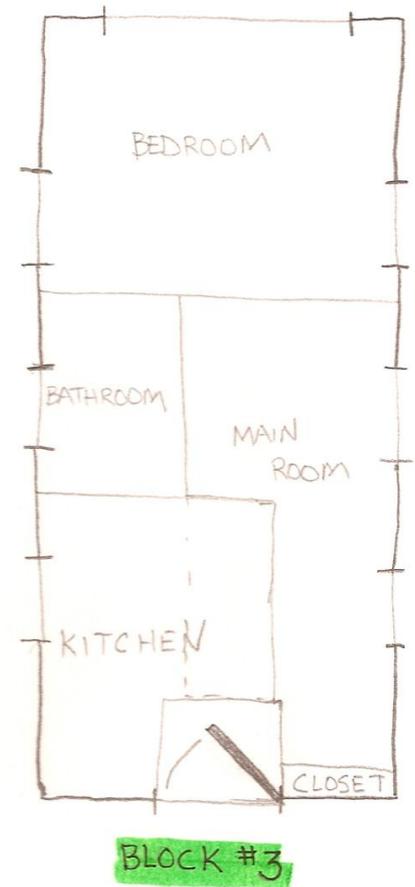
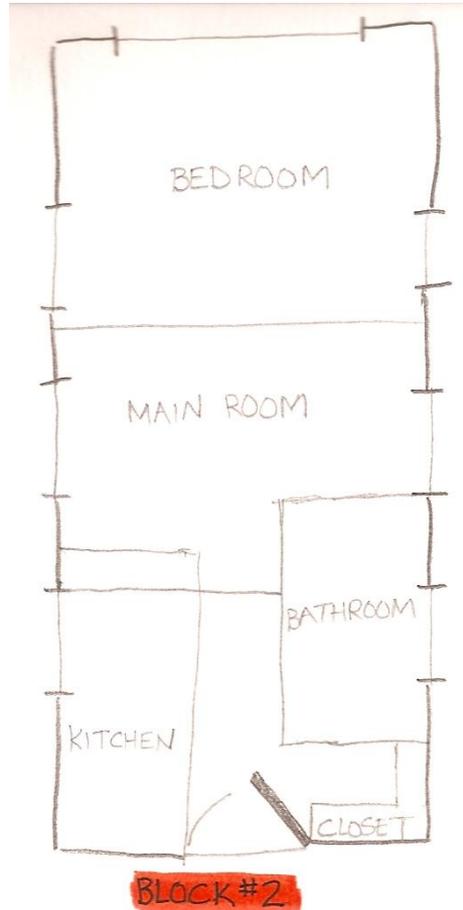
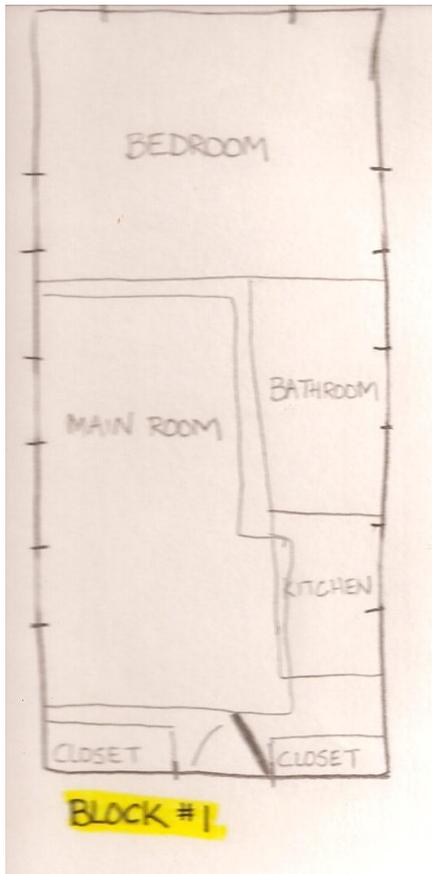
# Schematic Design

Bubble Diagrams



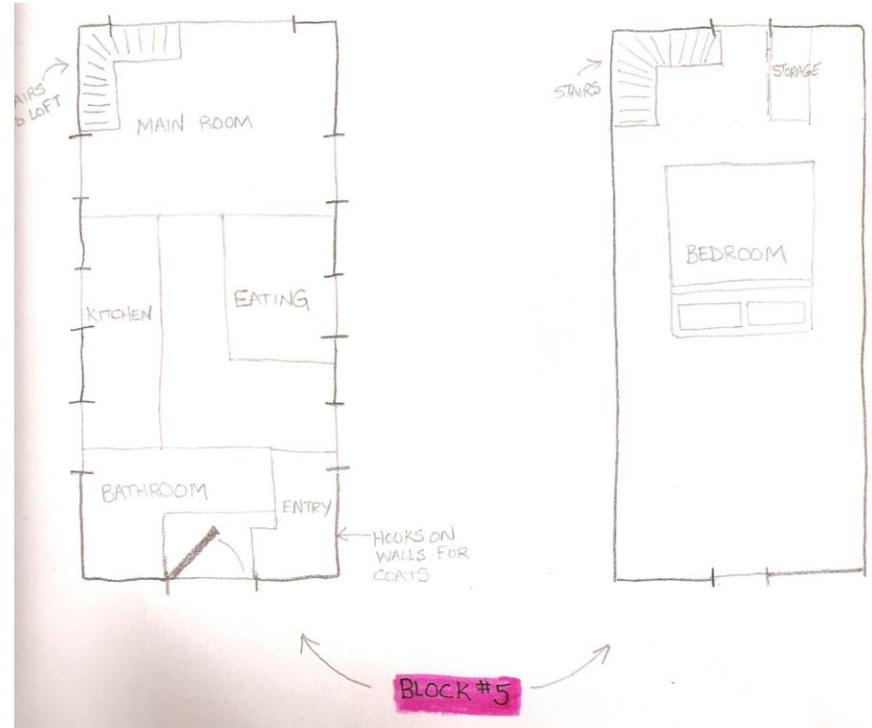
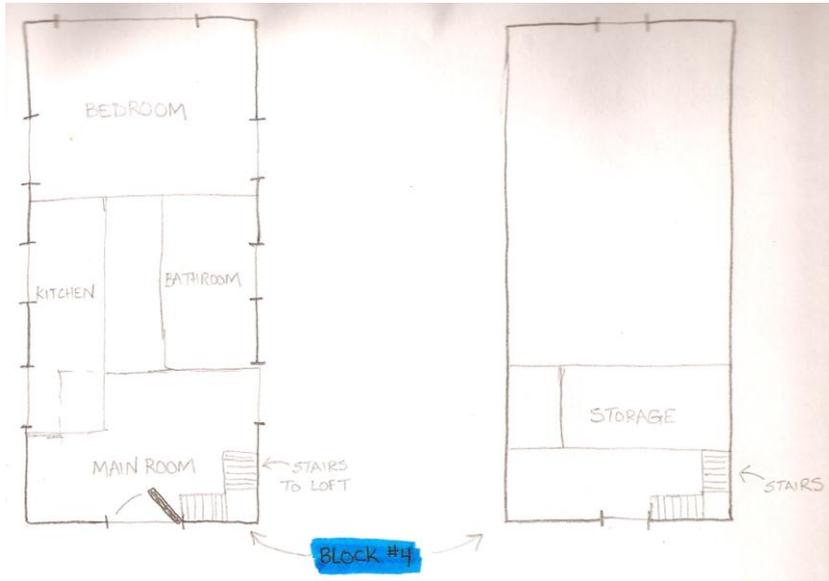
# Schematic Design

Block Diagrams



# Schematic Design

Block Diagrams

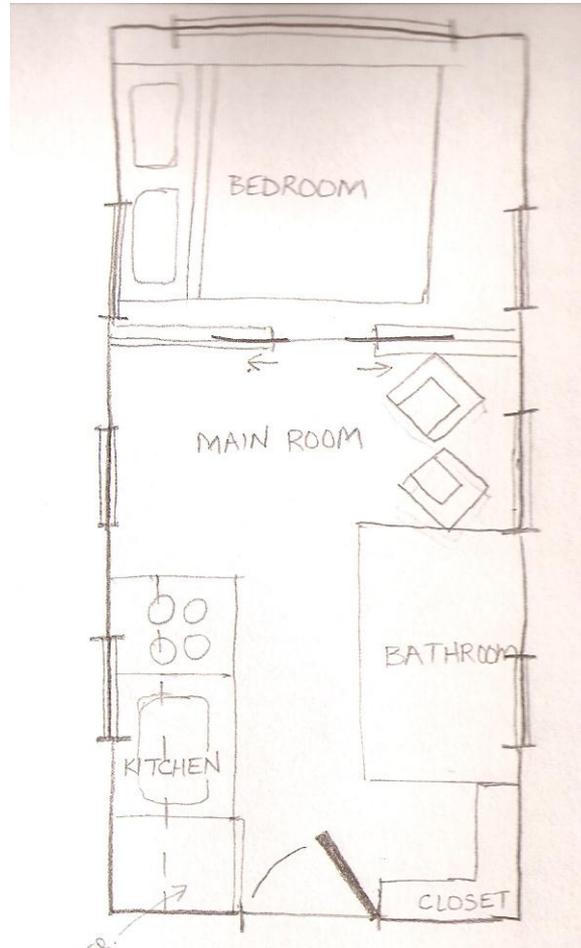


# Schematic Design

Loose Diagrams



LOOSE PLAN #1

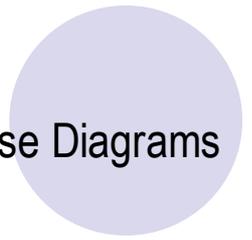
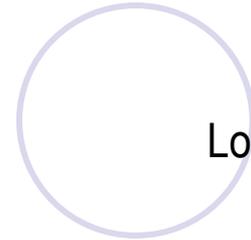
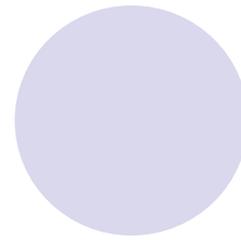


LOOSE PLAN #2

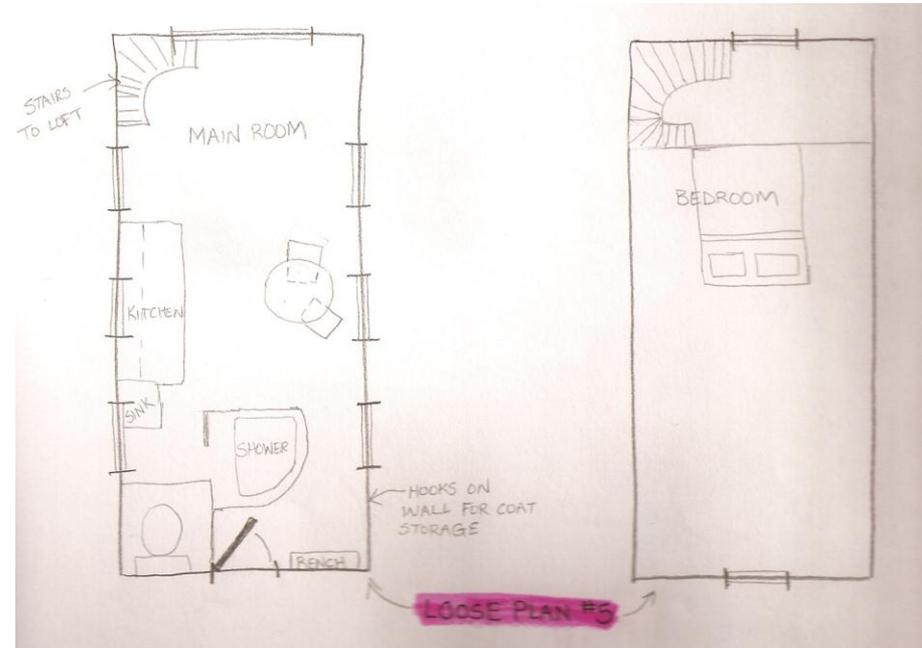
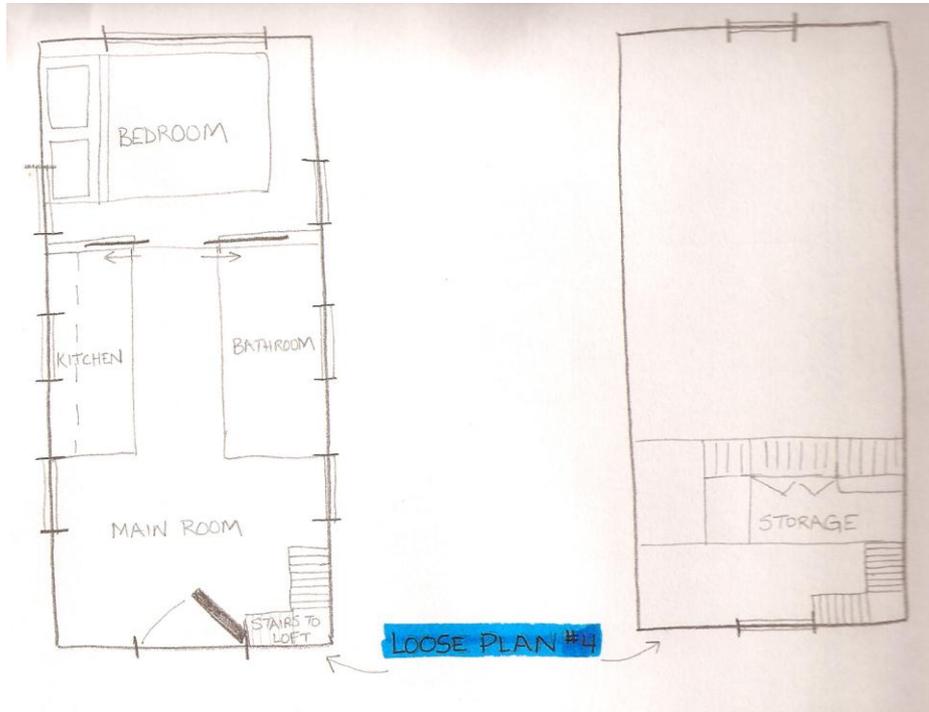


LOOSE PLAN #3

# Schematic Design

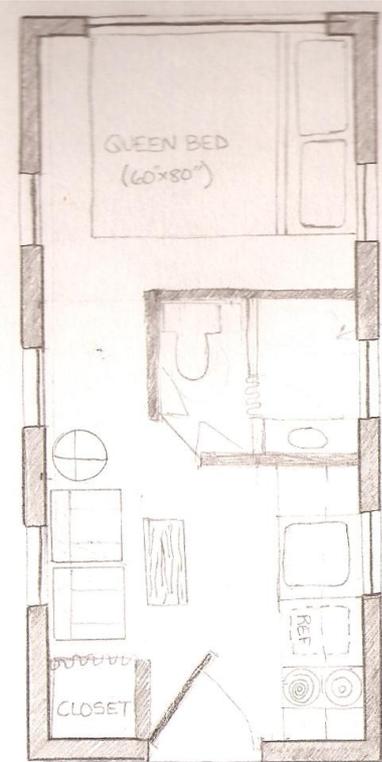


Loose Diagrams

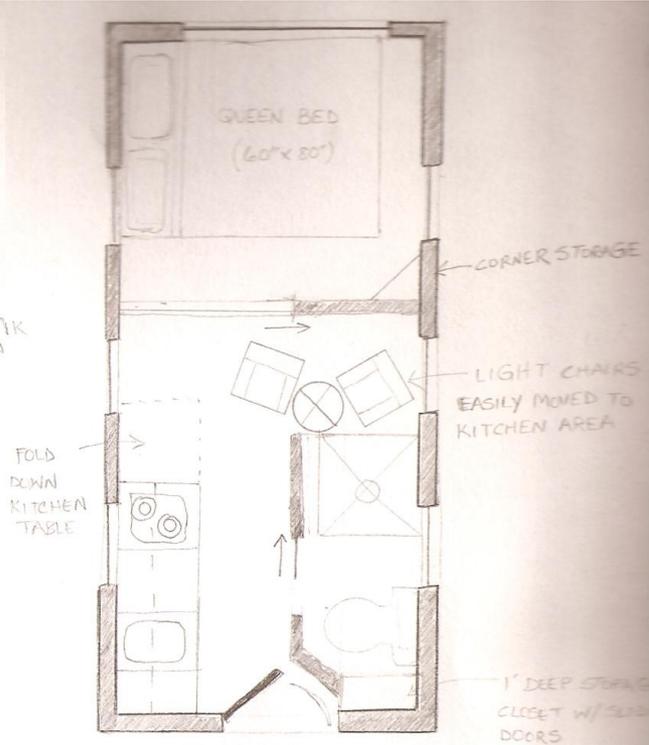


# Schematic Design

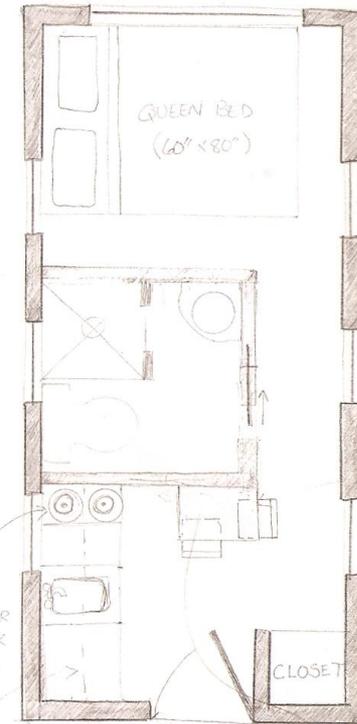
## Refined Plans



★ REFINED PLAN #1



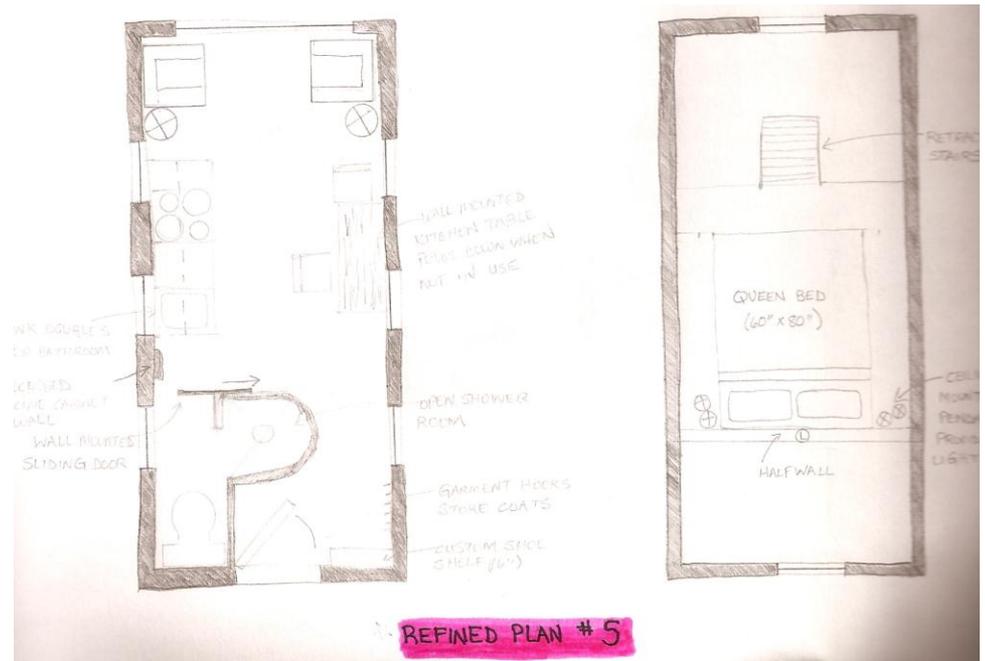
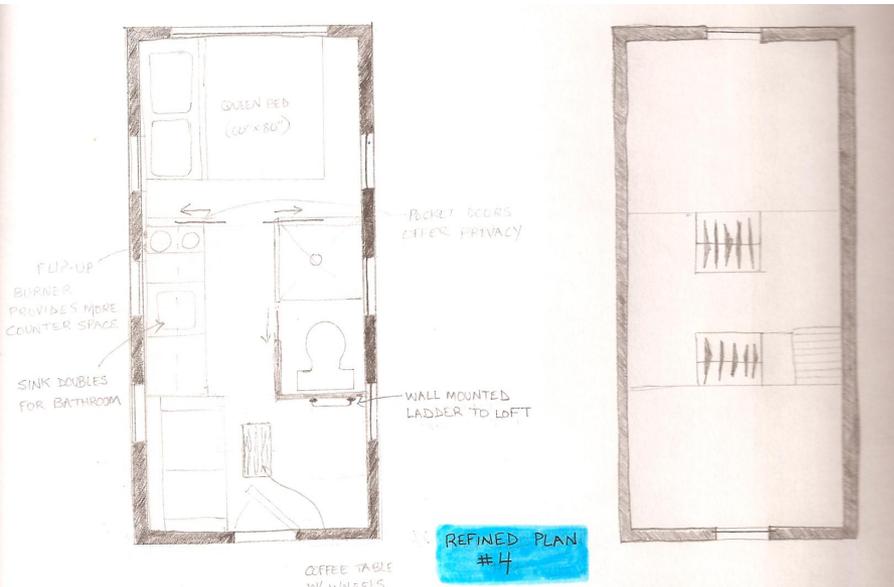
REFINED PLAN #2



REFINED PLAN #3

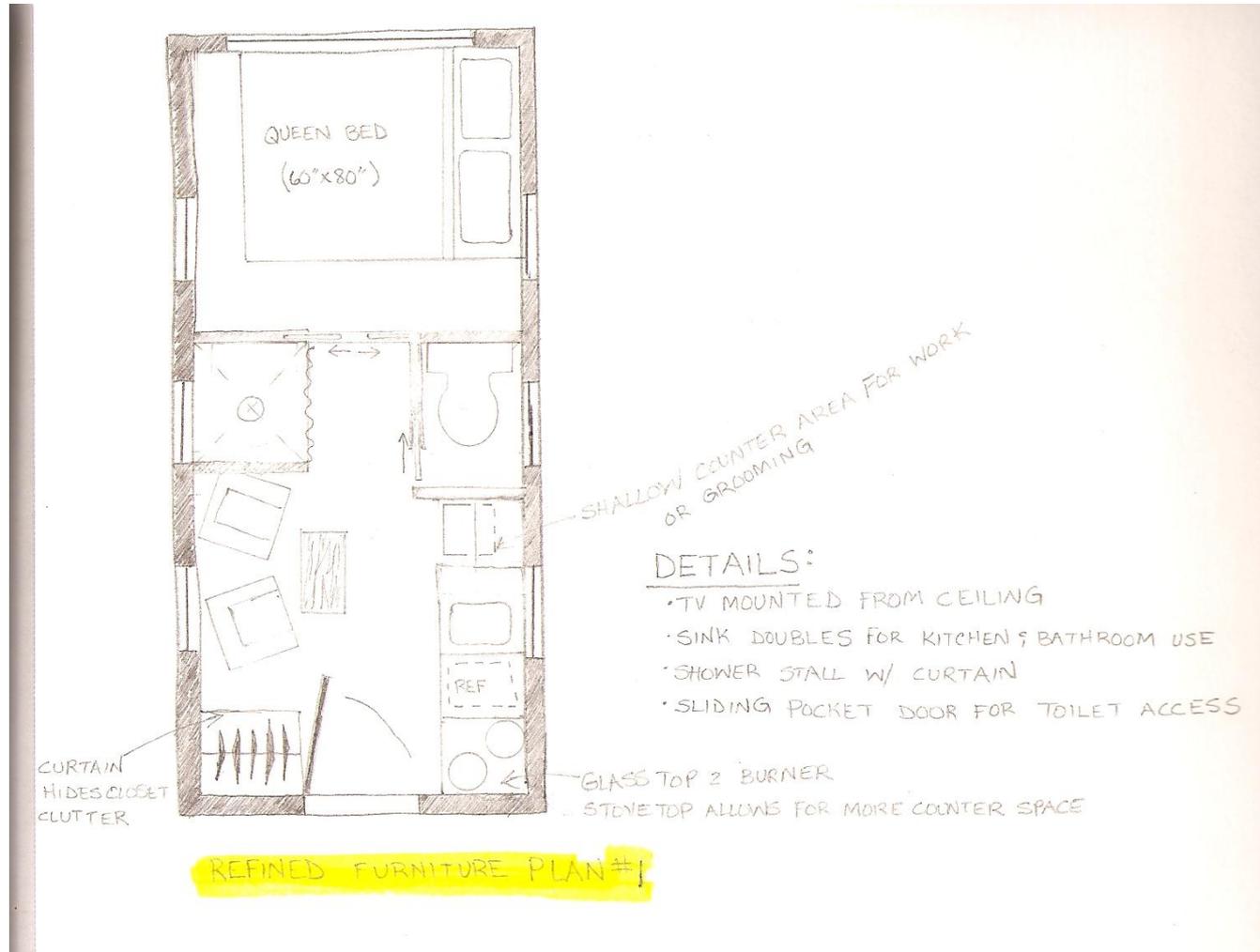
# Schematic Design

## Refined Plans



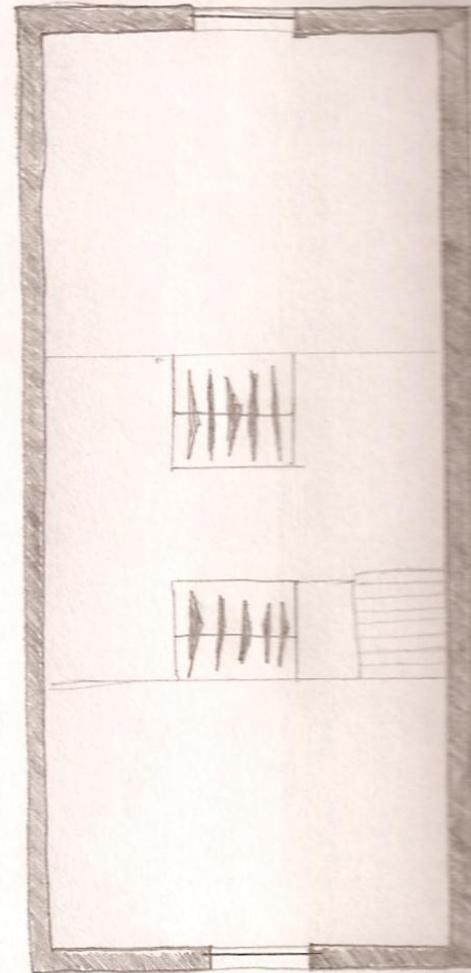
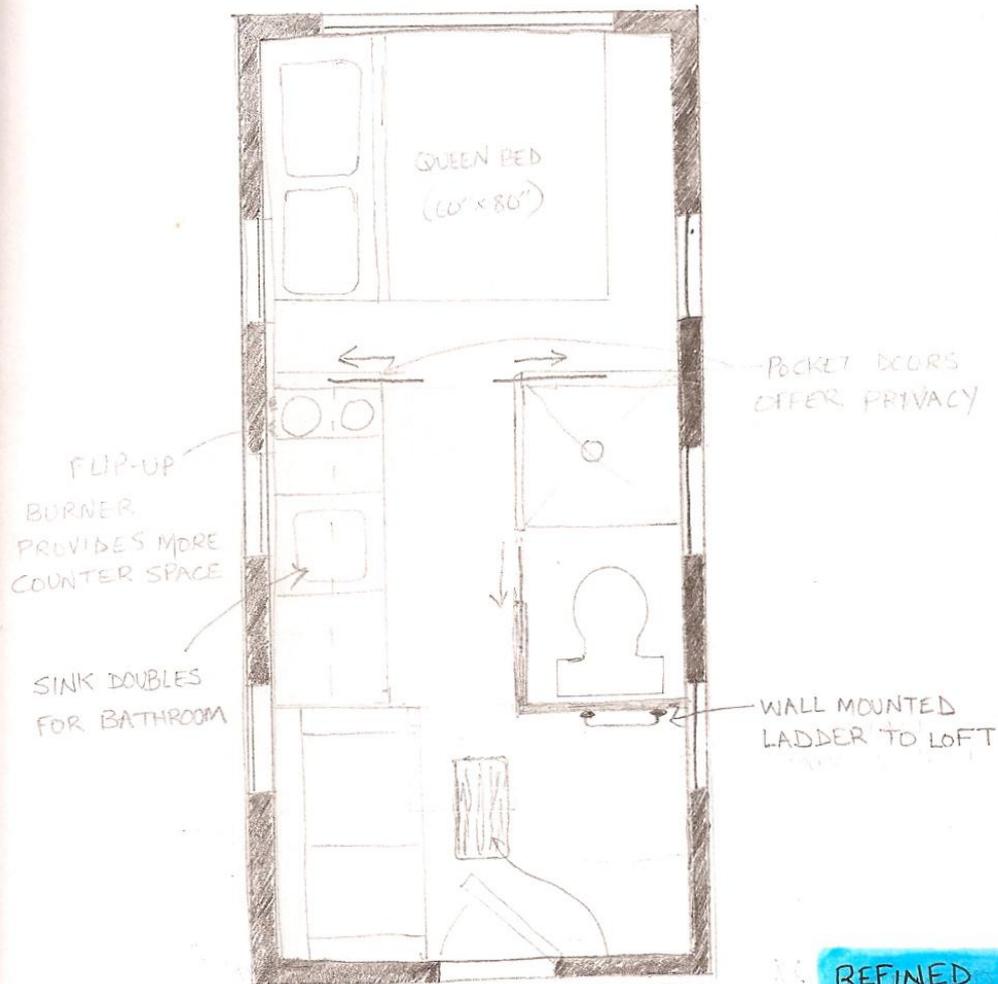
# Schematic Design

## Refined Furniture Plans



# Schematic Design

Refined Furniture Plans

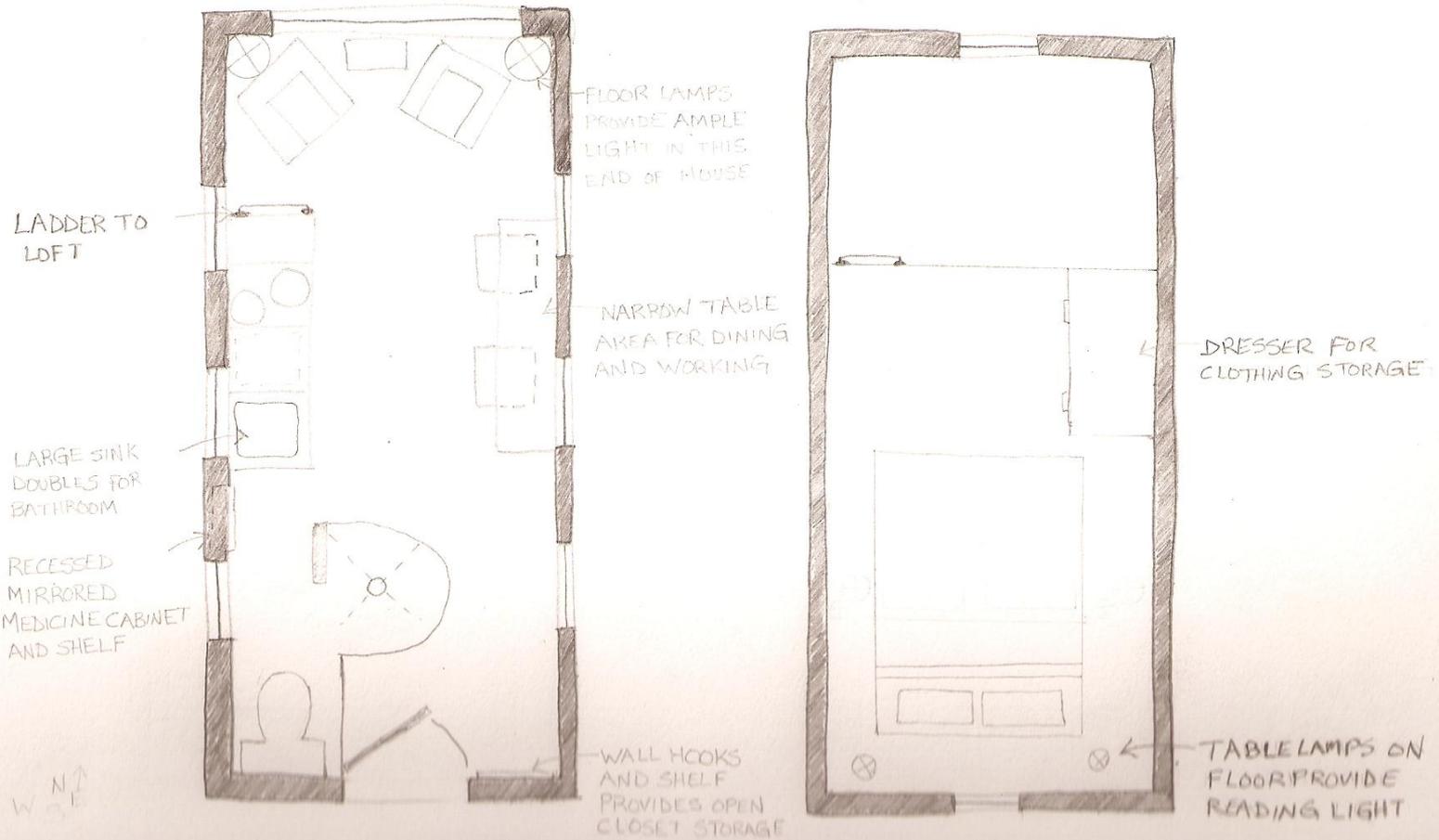


REFINED PLAN #4

COFFEE TABLE W/ WHEELS

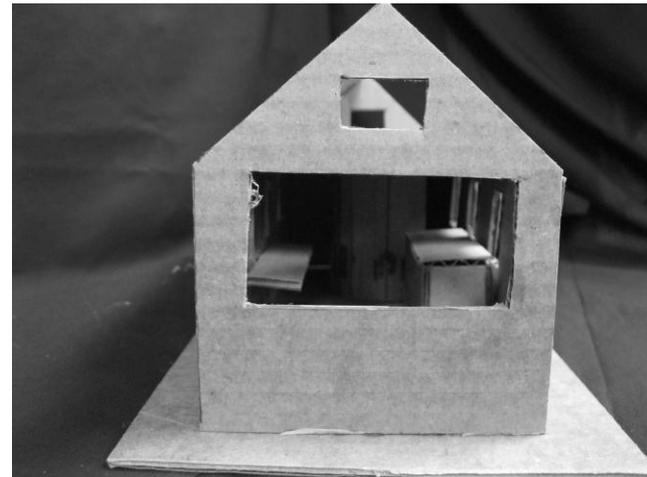
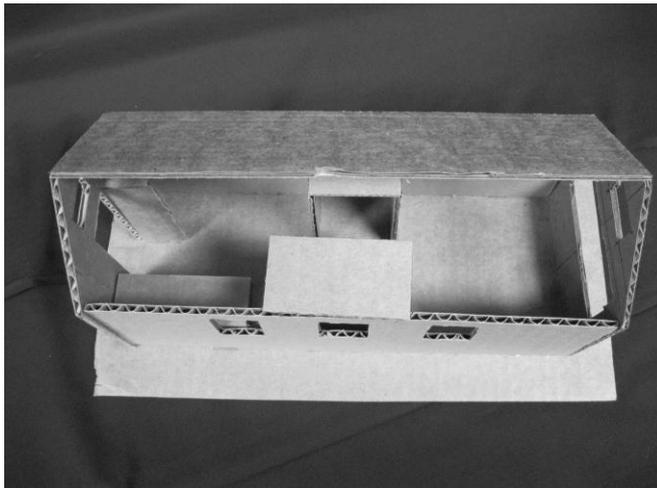
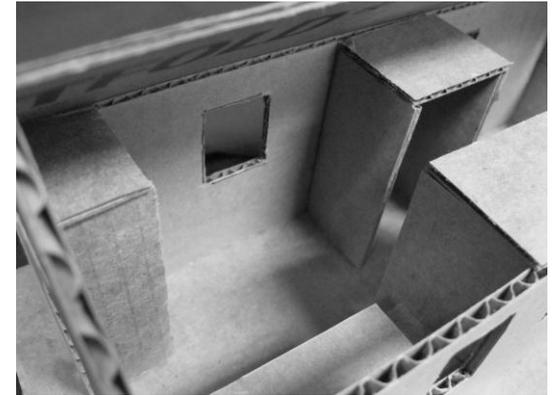
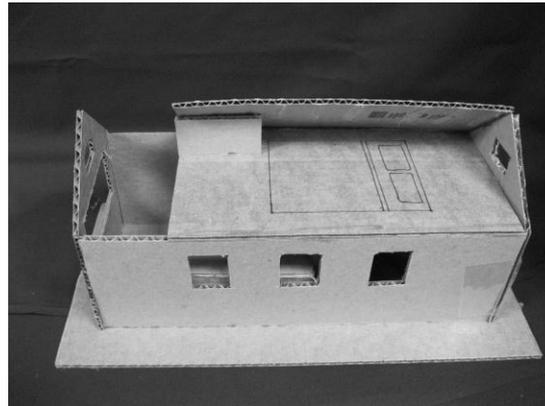
# Schematic Design

## Refined Furniture Plans



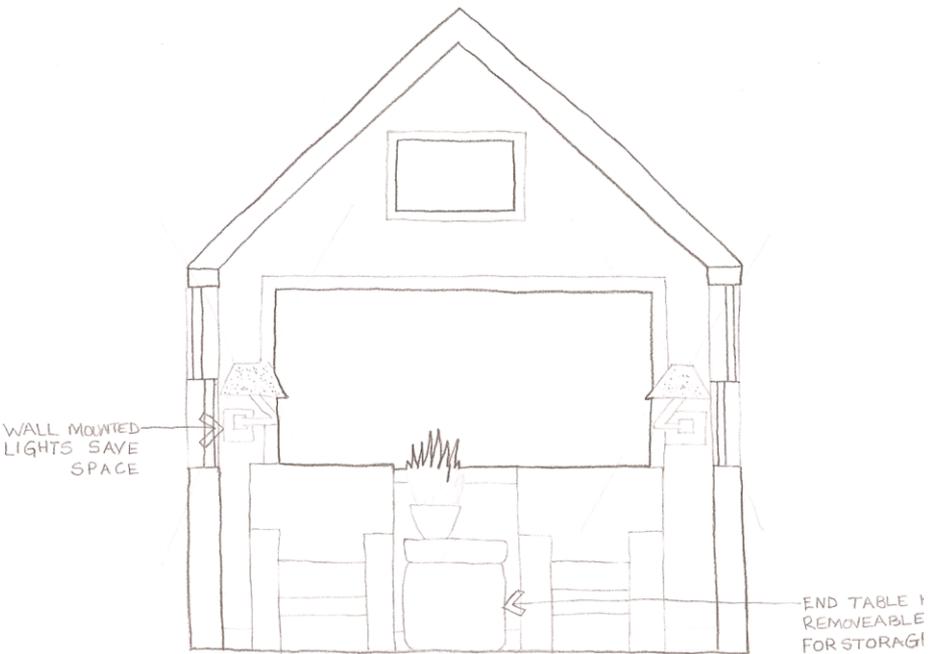
# Schematic Design

Initial Study Models

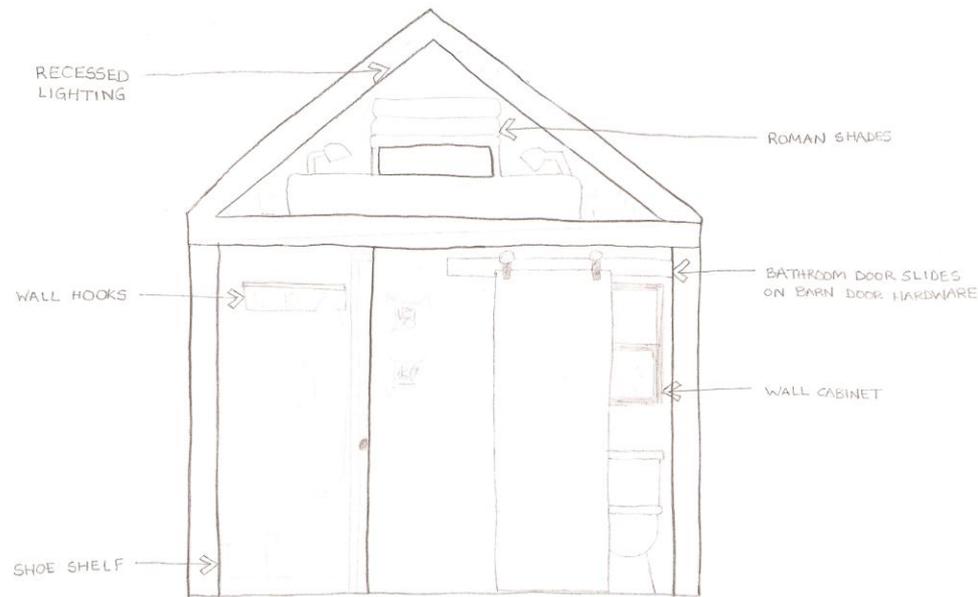


# Final Design

## Elevations



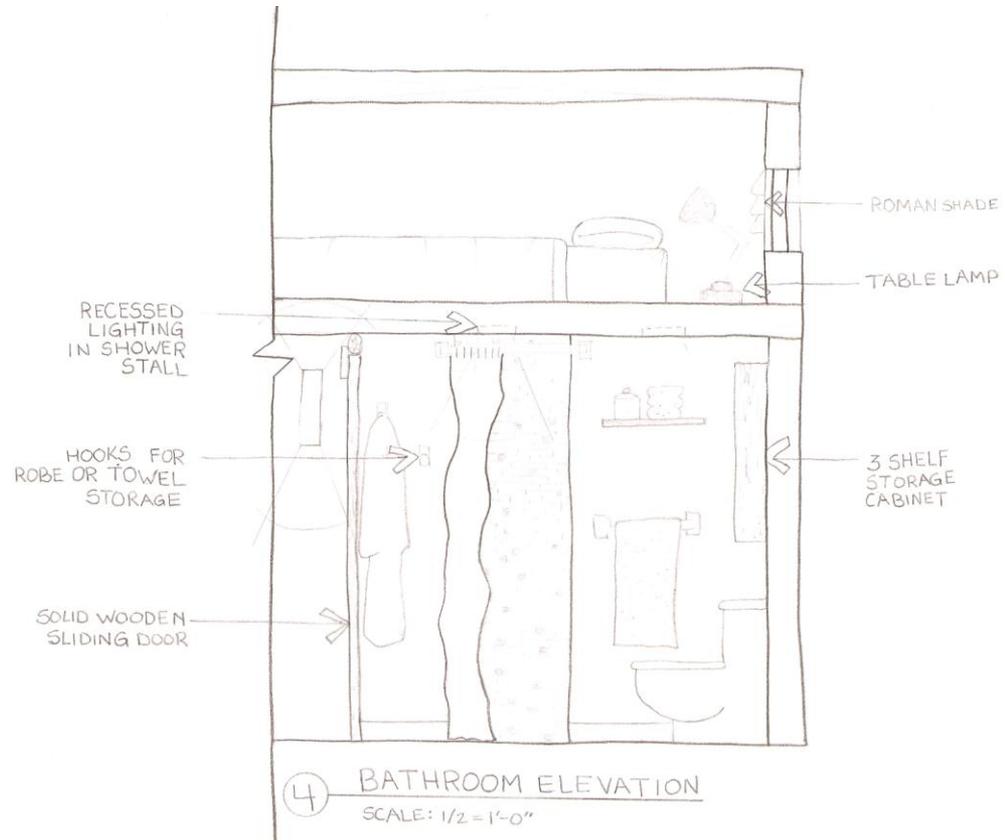
① BACK ELEVATION  
SCALE: 1/2" = 1'-0"



② FRONT ELEVATION  
SCALE: 1/2" = 1'-0"

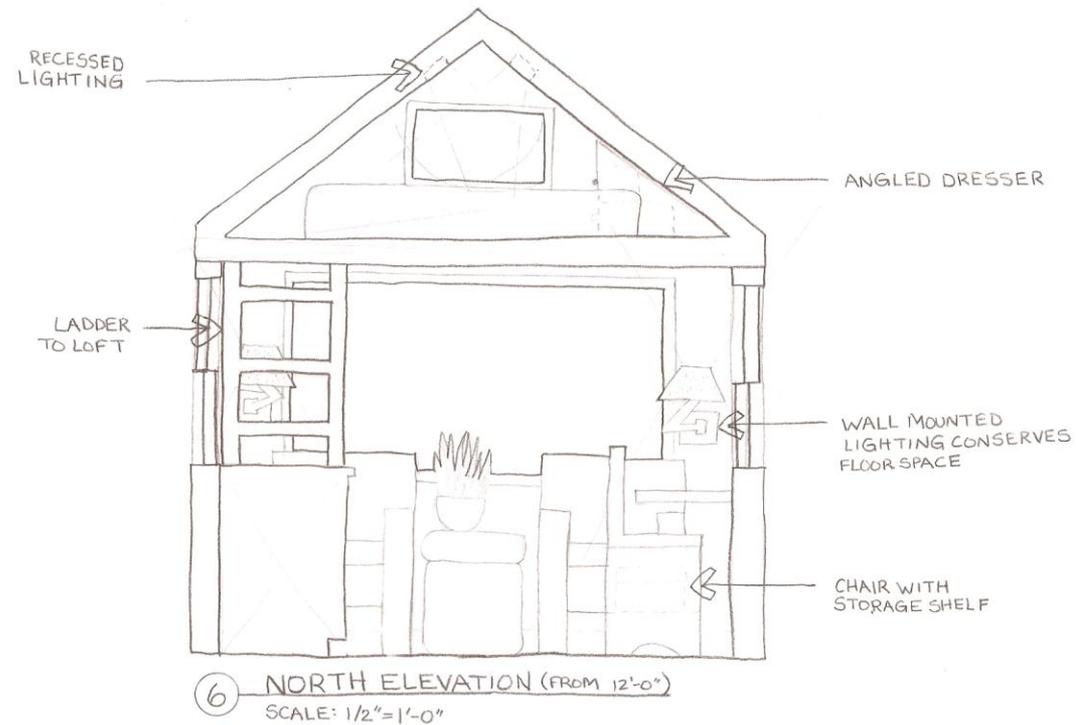
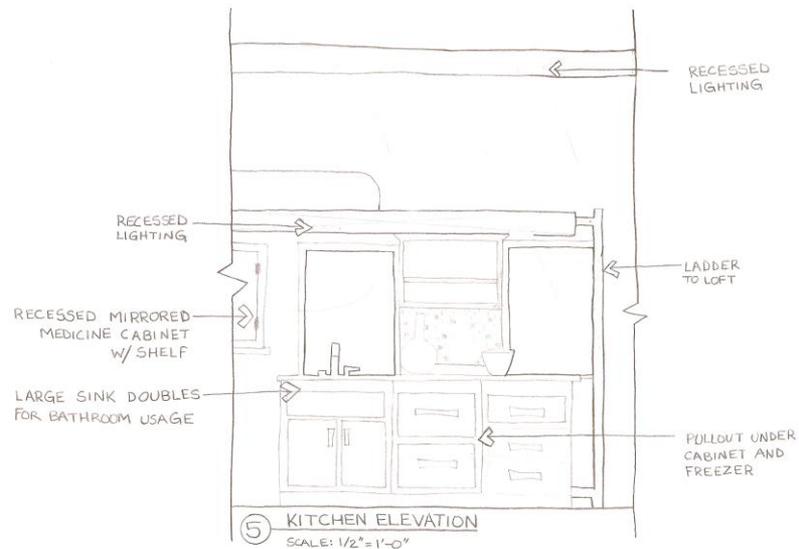
# Final Design

## Elevations



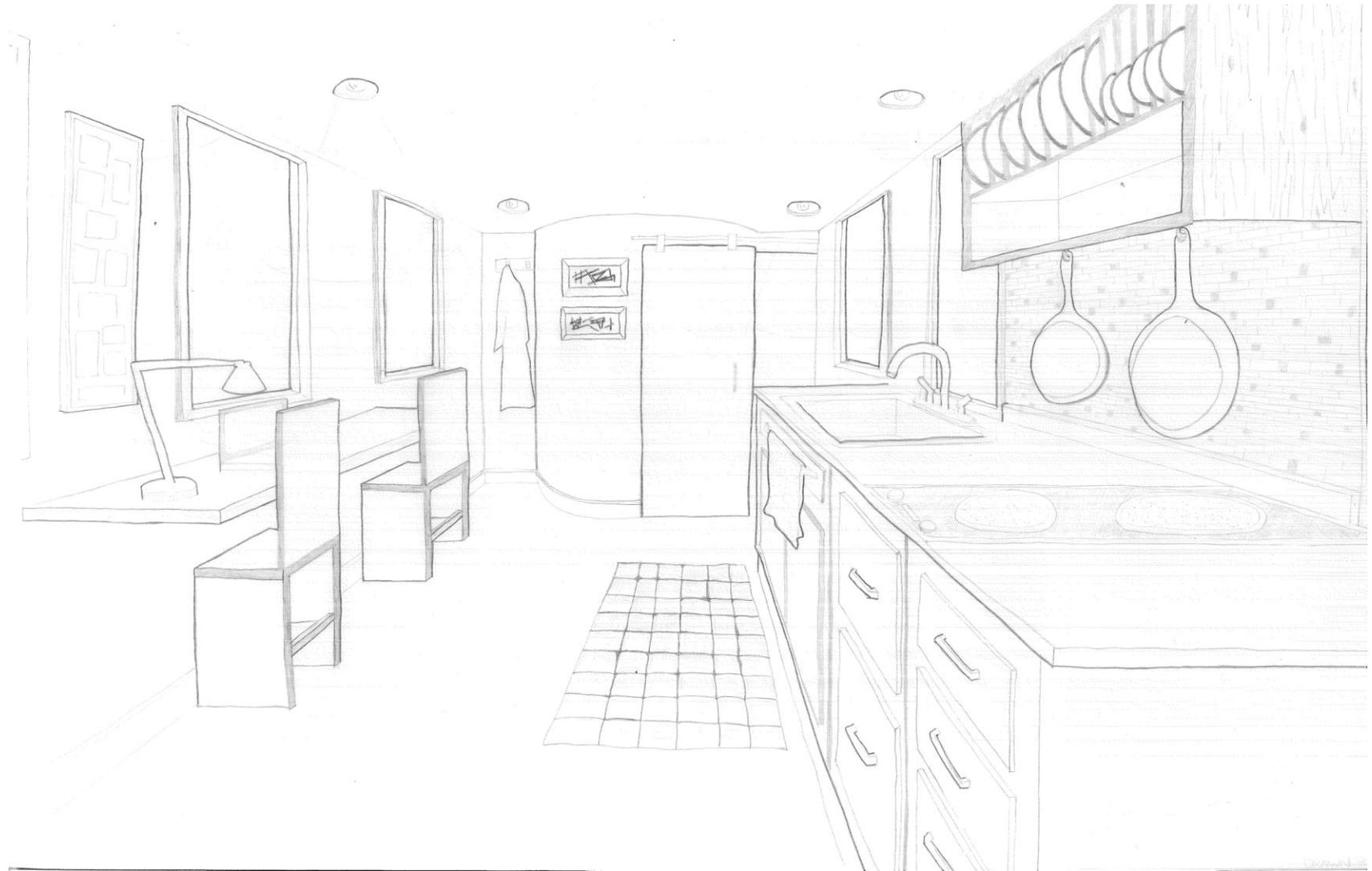
# Final Design

## Elevations



# Final Design

Perspectives



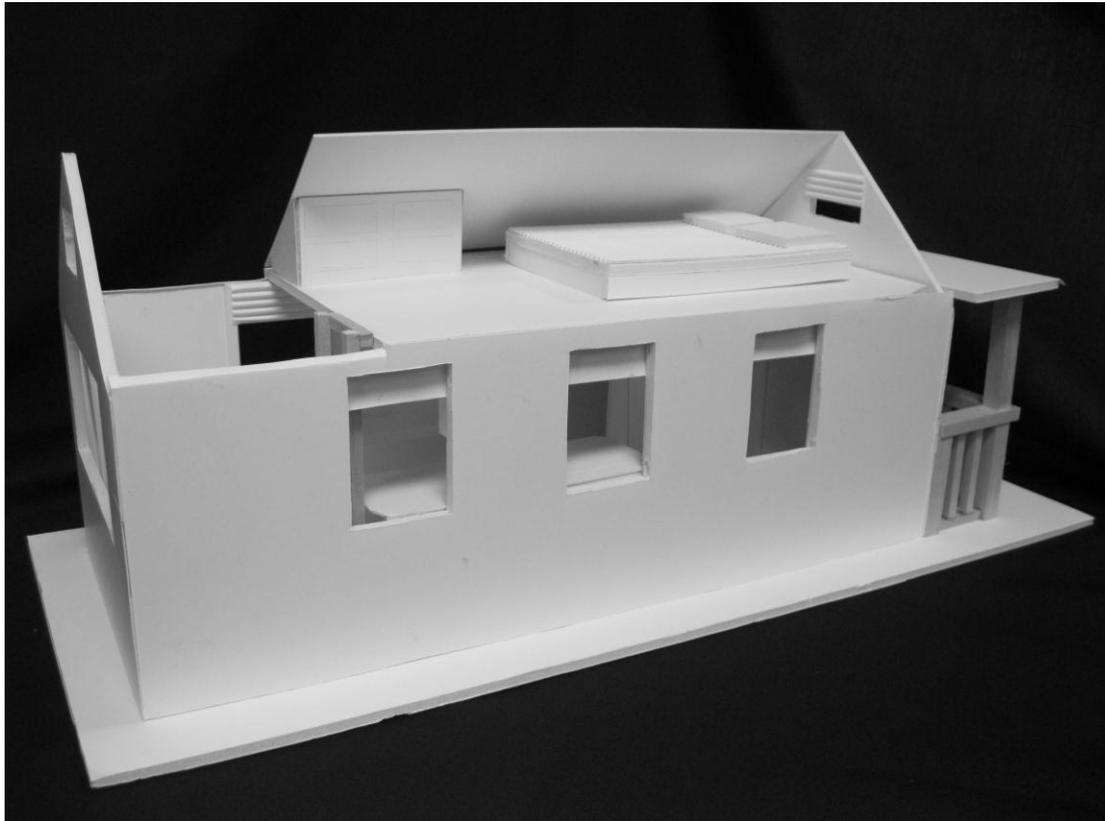
# Final Design

Perspectives



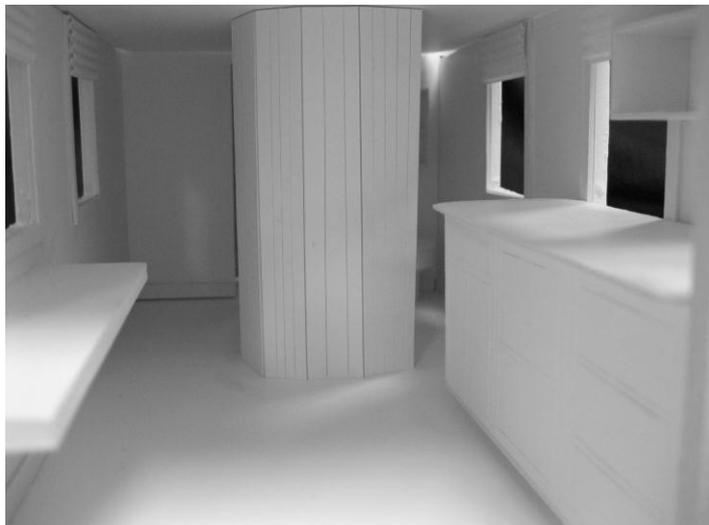
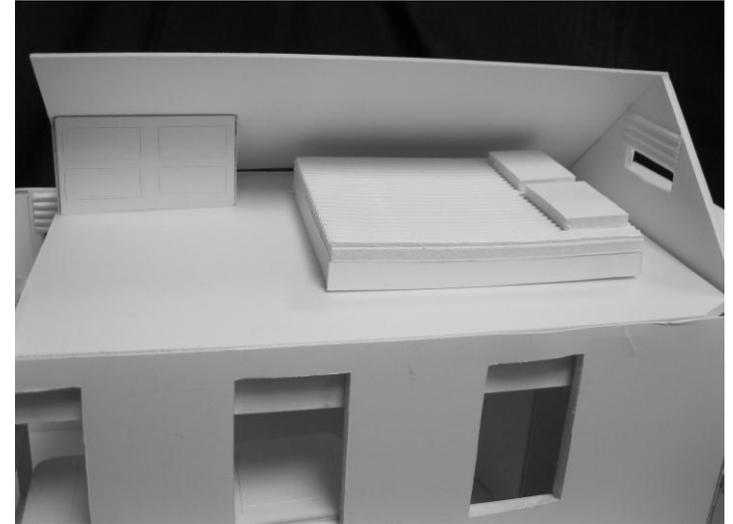
Final Design

Study Model



# Final Design

Study Model



# Final Design

## Non-Architectural Details



### Lighting

- Swing arm wall mounted lights in seating area save floor space.
- Table light provides task lighting. Adjustable design makes it versatile.
- Reading lamps on floor provide focused light for bedroom without illuminating entire loft.
- Recessed lighting throughout tiny house provides ample illumination.

# Final Design

Non-Architectural Details

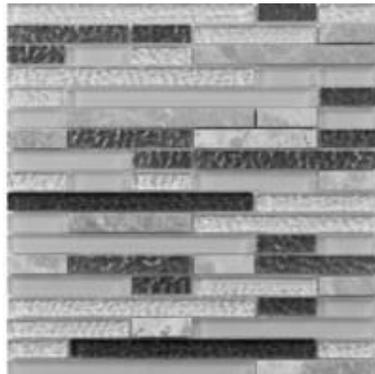


## Furnishings

- Compact and sleek arm chairs are comfortable and emulate “Urban Chic” style.
- Ottoman used as side table with storage inside.
- Kitchen chairs have built-in shelf for additional storage.

# Final Design

## Non-Architectural Details



### Additional Details

- Roman shades provide privacy. The sleek, compact shape saves space and the horizontal pleats emphasize linear quality of the house.
- Coat hooks store jackets within easy grasp and eliminates the need for dead closet space.
- A sliding door provides bathroom privacy without the need for door swing floor space.
- The linear pattern of the tile emphasizes horizontal lines of the space. Using the same tile in bathroom and kitchen backsplash unifies the small space.