



# Tiny House Project

By Antonio Kim

# Needs of the Individual

## The Cost Efficiency:

- Single Mother
- Homeless Individual(s)
- Small Family



## The Needs:

- Bedroom
- Bathroom
- Kitchen
- Relaxation Space
- Workplace Area

# Site of Building?

## The Steele Parking Lot Characteristics:

- Close to Downtown Portland
- Metropolitan Area

## Why Parking Lot?

- Aesthetic of the Building
- Contrast of the Nature to Concrete
- Steele St. is South
- 28th is West



# Physical/Mechanical Needs?

## Garden

- Japanese Zen Style

## Building

- Water Hookups
- Built on Concrete
- 2 Floors



# Size/Design

1st Building: 12ft/30ft

→ 2 Floors, Includes 2 Bedrooms, Kitchen

2nd Building: 12ft/12ft

→ 2 Floors, Includes Bathroom, Office

People?

→ Fits up to 3-4 people



# Unit Count

Front Side: Facing South/Steele

Right Side: Facing East

Left Side: Facing West

Back Side: Facing North

720 square foot

About 6 units fit comfortably



# Materials for Building

Building Exterior/Roofing: Reclaimed/KaiserPath Wood and Corrugated Metal

Building Interior: Primarily lighter colored wood, Bamboo, Tatami Mats

Japanese Garden: Bonzai (Expensive, but continuity), gravel, white rocks, moss

# Aesthetics

Stylistic Choice: Japanese, open-air concept

Ways: I was thinking about using Japanese elements as it encapsulates the connection between outside and inside. I felt that the use of tatami and lighter wood would allow a more bright interior, alongside a hybrid of traditional and the modern.





# Motivations

I wanted to create a home that could be welcoming to a single family, or a house-less individual. My previous work has had Japanese influence, and I wanted to stick with the theme, so I decided to make a modern-Japanese home.

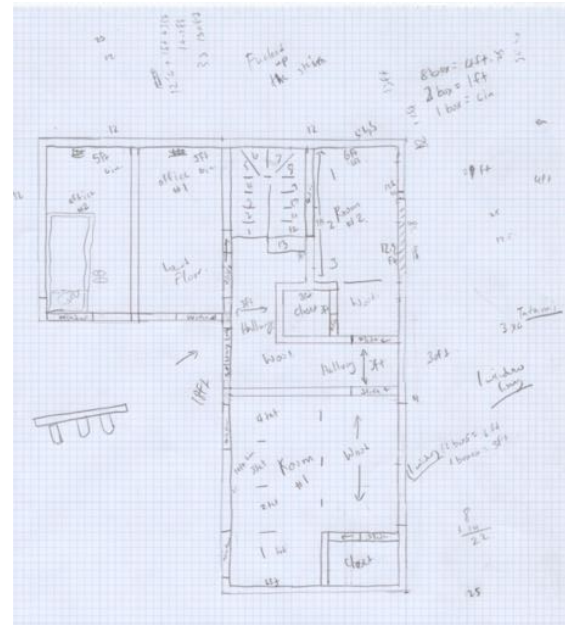
While I regarded a community building, I felt that a sense of individuality and privacy was important to the individuals I am targeting, such as the single mother. Integration with nature is important, as I feel that the green scene provides a sense of comfort that is missed in city-life.

Manipulation of light was extremely important as it is crucial to the feeling of outside-in-inside theme.

# Floor Plans

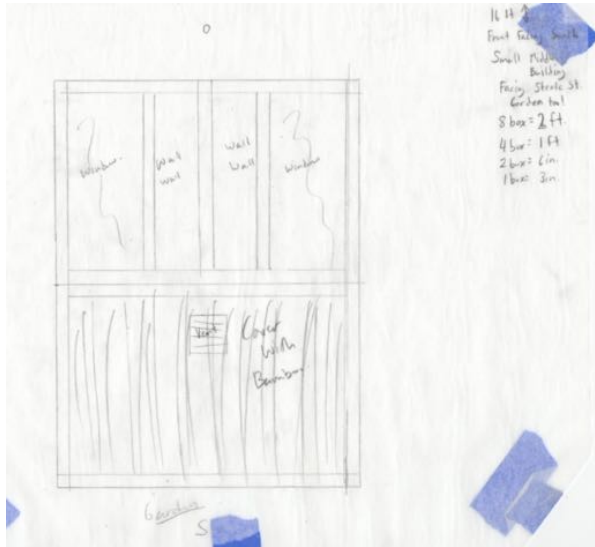


The First Floor

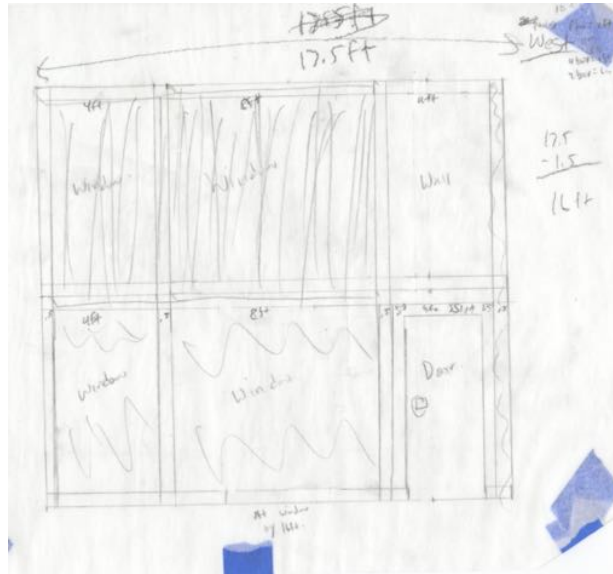


The Second Floor

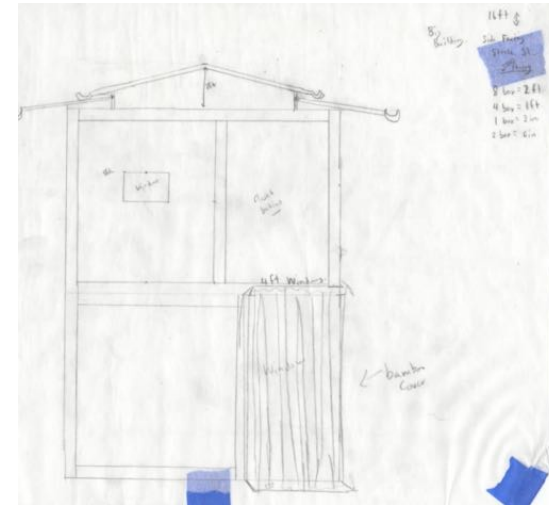
# Wall Plans



Facing South/Garden  
(Bathroom/Office)



Facing West/Garden

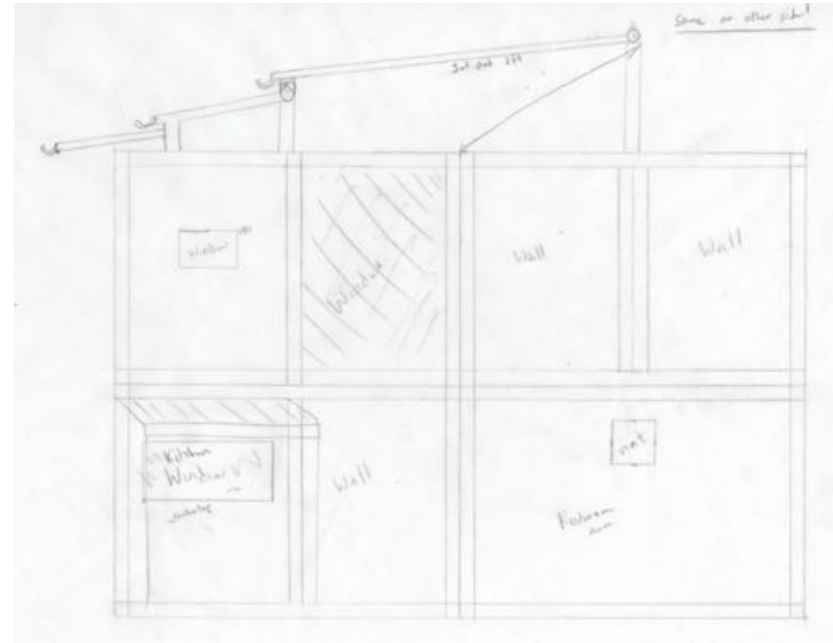


Facing South

# Wall Plans cont.



Facing East, 30ft Wall, Mega Window



Facing North, Back Wall,  
Kitchen/Bathroom/Office

# Photoshop Incompetence.



This is what it would have looked like.



# Better Pictures of Building

