

# Farm House

Architectural Brief



# Client necessities

My client is a farmer on the plot of land Gerri told us about. I think for this client, the basics are the most important. I wanted good air circulation, cost effective plumbing and bright lighting. Although I have no clue how air circulation works, I designed my home how I thought the air might move. Then for cost effective plumbing, I made it a staple for the house to have the bathroom and kitchen nearby. For bright lighting, the entire back half of the house will be permanently lit during the day due to the massive widows on the sides and the irregular windows at the top of the house will hopefully act similarly to sky lights.

# Site

I decided to put my client in the Farm. My client is a migrant worker. This exemplifies the importance of temporarity for the client as well as easy mobility. This house offers easily accessible storage as well as a cheap building price, both which would be necessary to house my client. The house offers large enough space while still being tight and compact. Visibility is a high priority for this house and the windows allow for my client to enjoy the outside simultaneously as doing indoor activites.

# Characteristics of the site

The front of the building faces north so that the southern facing roof can get as much light for the solar panels on its top. That would make the sides facing east and west, resulting in both a view of the sunrise, good as a natural alarm at a farm, and sunset. The house is not on a trailer, although theoretically made out of shipping containers. The house will be permanently dug into the ground which can allow for permanent planting outside the house as well.

# Physical/ Mechanical Restraints

The biggest and most fun idea I had was to have one of those elevator beds. My understanding of the elevator bed meant that you would bring the bed down so that you could get onto the bed then click a button and, while you were on it, the bed would raise to the level you desired. This definitely a mechanical feat and I am still not sure if it is worth it to have. The other option is to have a separate floor and a ladder that leads up to the bedroom which is definitely more practical however not as exhilarating.

# Type of shelter

I made a permanent full grounded home. The size is pretty big and although a tiny home, much bigger than the typical tiny house. My building is 40x12 on the first floor, the second floor is 12 x 10. That makes for a 600 sq ft home. There definitely could be 2 people who live here, 3 if you want to push it and 4 if you want to be uncomfortable and constantly in each others space.

# How does the Design fit?

My site is a little bigger than the home. I do not intend for this to be a multiple home site, I just want to make one home. I am very into the individuality aspect of homes, and although I understand the necessity of replication, I prefer not to be part of that movement.

# Materials

The materials to use this is shipping containers, the large ones are the same size of the bottom of my house and we would have to modify a smaller one to fit the top. I have no clue what the material for my glass is, I am not sure if i can get circus colored glass or it needs to be a different material, but that being said, I also would not make the glass rainbow in real life, that sounds unpleasant.



# Aesthetic

I think my aesthetic properties are somewhat counter to enhanced living. I think the colored windows, although fun, would be terrible to actually have. I also think that rain and other things hitting the house will make intense sounds due to the materials. I think the corrugated material shipping containers use looks cool but would not be fun to live in.

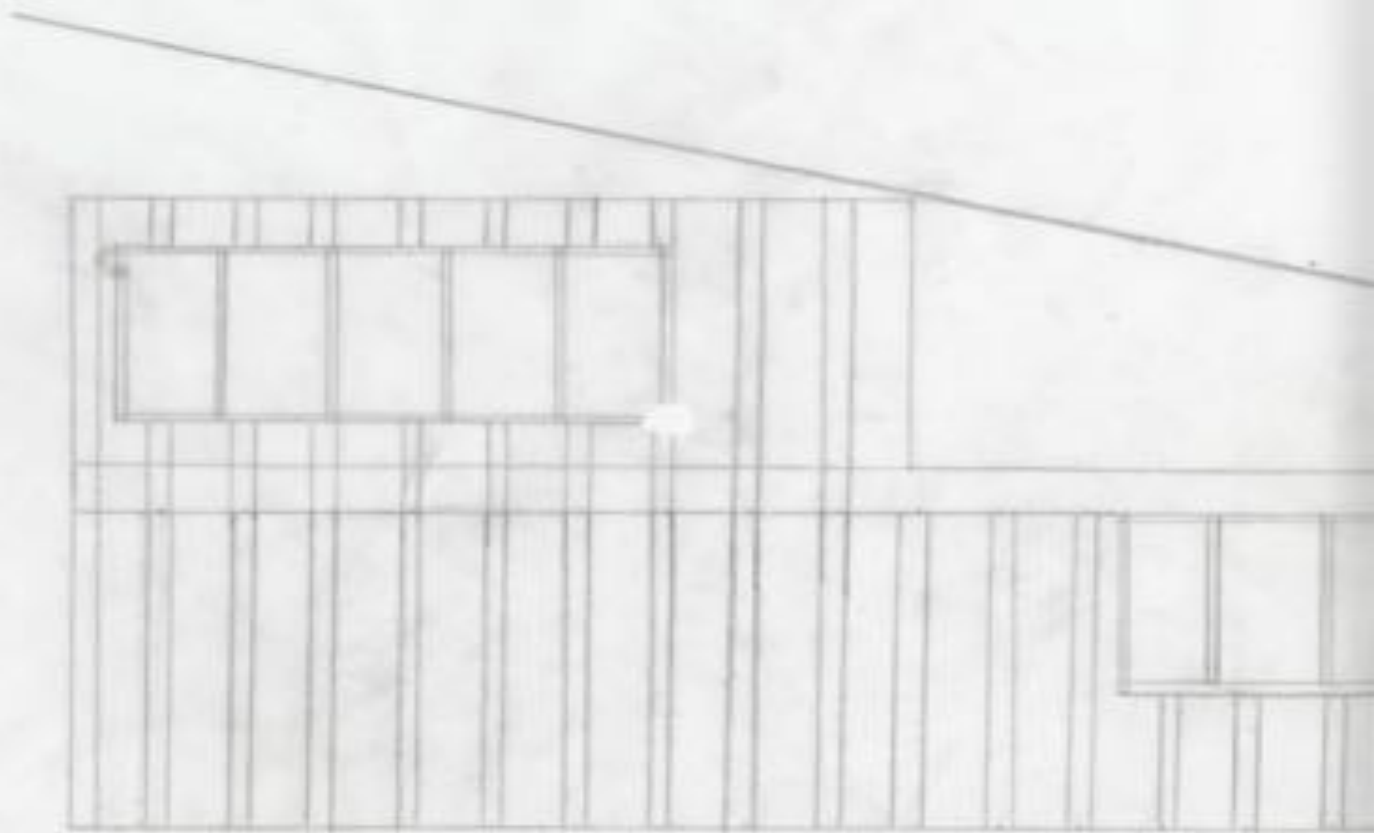
# Main motivation

I wanted to make a small home that would serve all the basics for two while making the home funky and a different style than most farm homes. I think it's fun to change pace and to change architectural styles, I did not concern myself much with greenery or privacy. I intend for it to be like living in an experimental art piece/ space. I think farms are very traditional and set in their ways, we have been doing it forever, so changing up the space around my client when they are at home was the biggest appeal to me.

BOTH SIDES



5m  
94



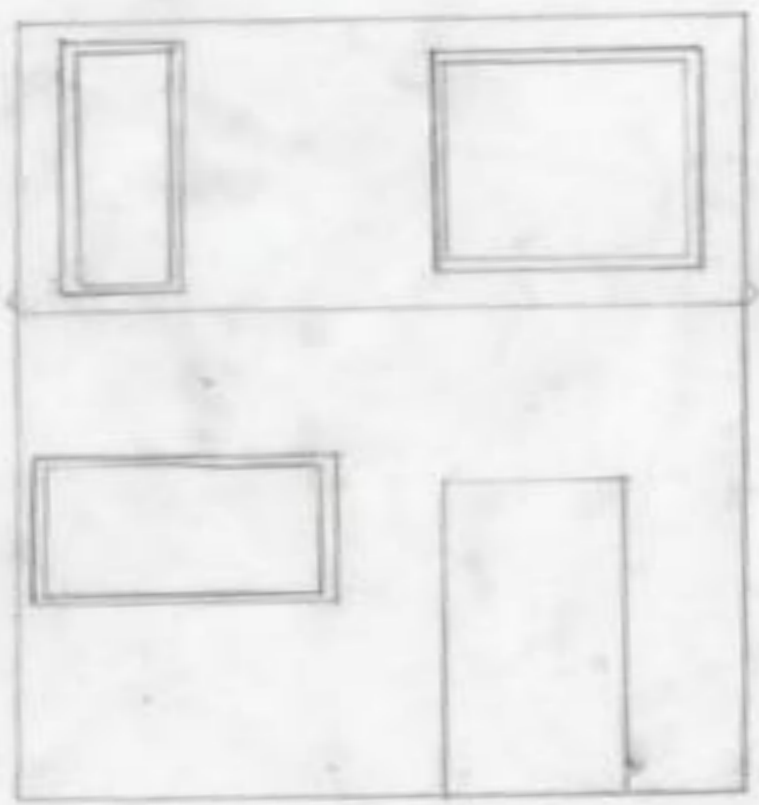


BEDROOM

BACK



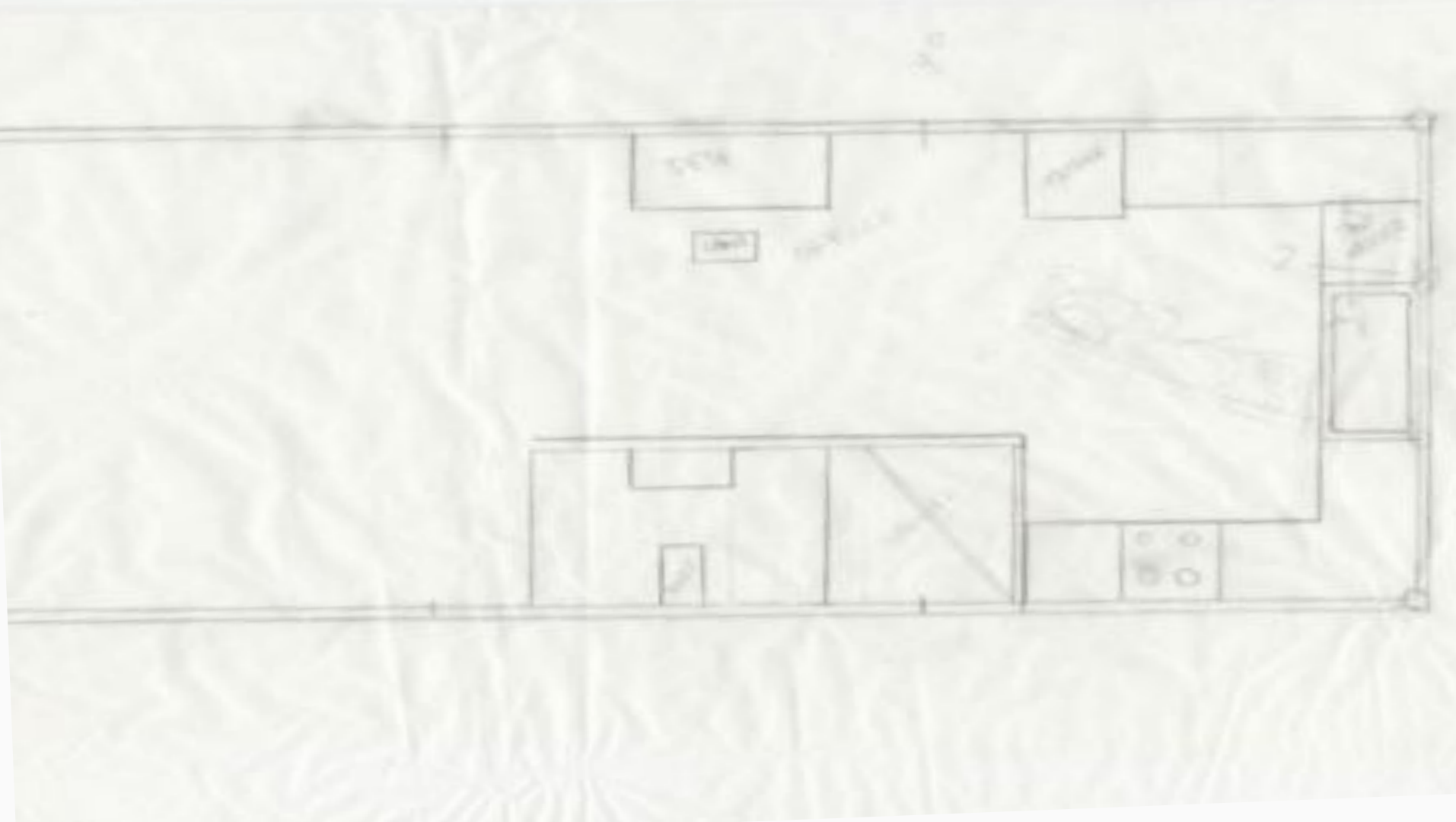
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LIVING

A hand-drawn floor plan of a living area. The plan is rectangular and divided into several sections. The largest section on the left is labeled 'LIVING'. To the right of this section, there is a smaller rectangular area containing a sofa and a chair. Further to the right, there is a kitchen area with a sink and a stove. The drawing is simple and appears to be a preliminary sketch.





House from  
behind :D



House From the front :3



Sideways house at  
night :)



Same side but this  
time a little darker >.<



Front but from the other  
side! :P



Full frontal 8)



Got to the other side! >:)





Back View :/



Another Back view  
:DDDDD



Full back >:D



Far away view of  
the back from the  
other side :)



This is the approximate size of my building.



SCALE BASED ON A PARKING SPACE- 10' WIDE X 20' LONG