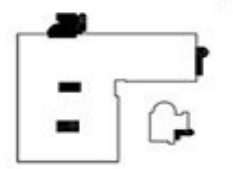
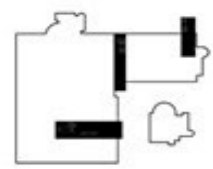


Concept
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 On the inside the space layout is re-designed through modules which actually replace fixed partitions and space with ease of assembly/disassembly, they facilitate maximum usage depending on specific needs; thus the reversible project is configured as partitions, either small living units or wide polifunctional rooms, all made by the same module. The infinite possible solutions achieved with the prefabricated, provide to the project a significant economic sustainability.

Interventions on the existin building



Permanent Project



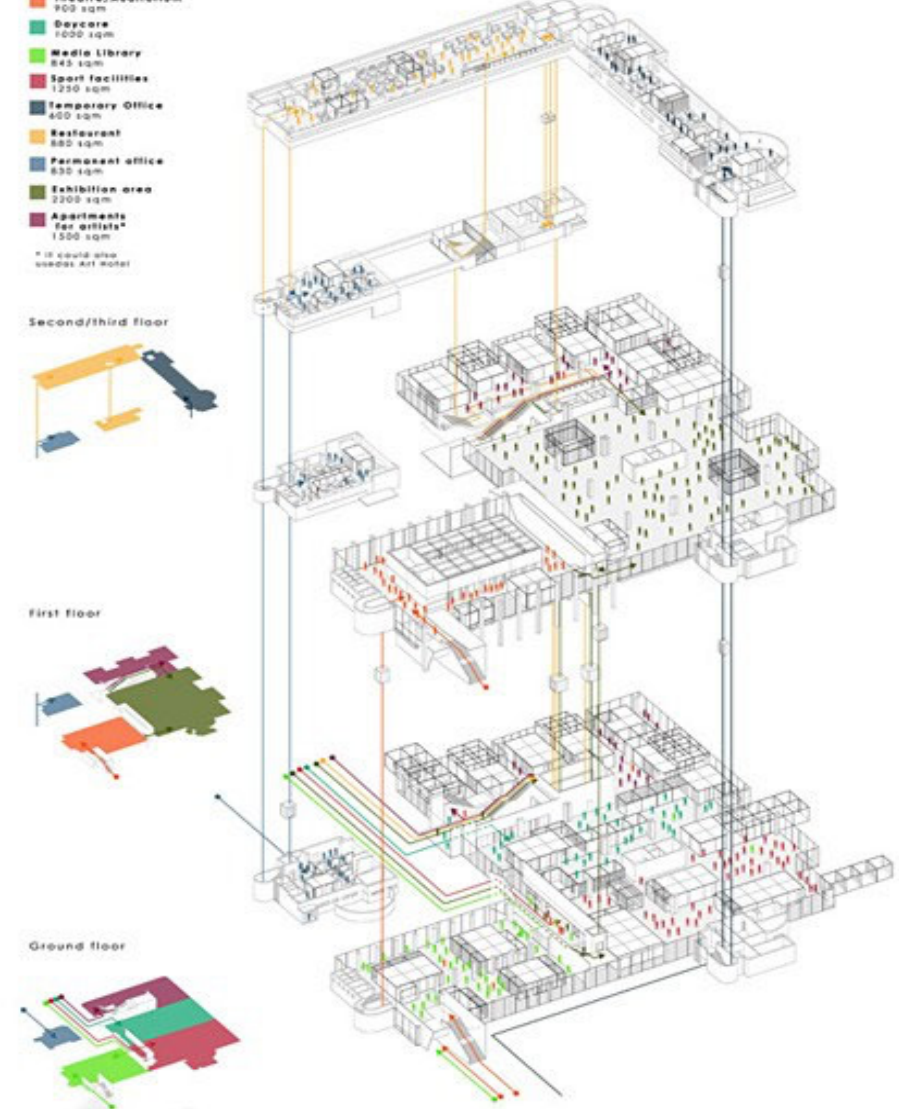
Reversible Project



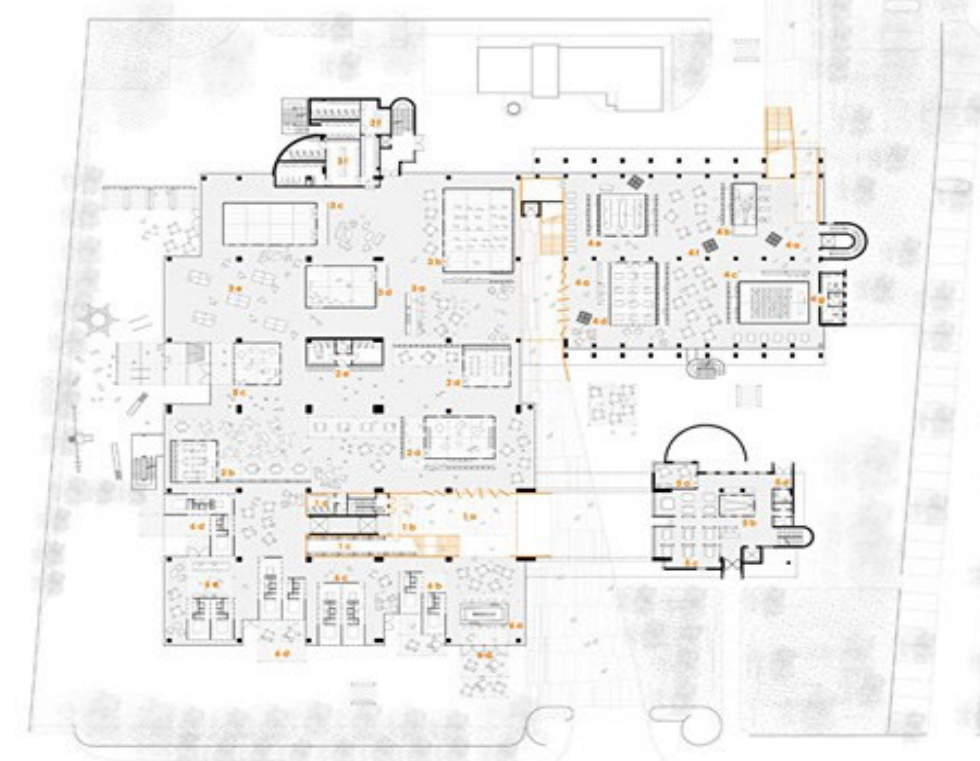
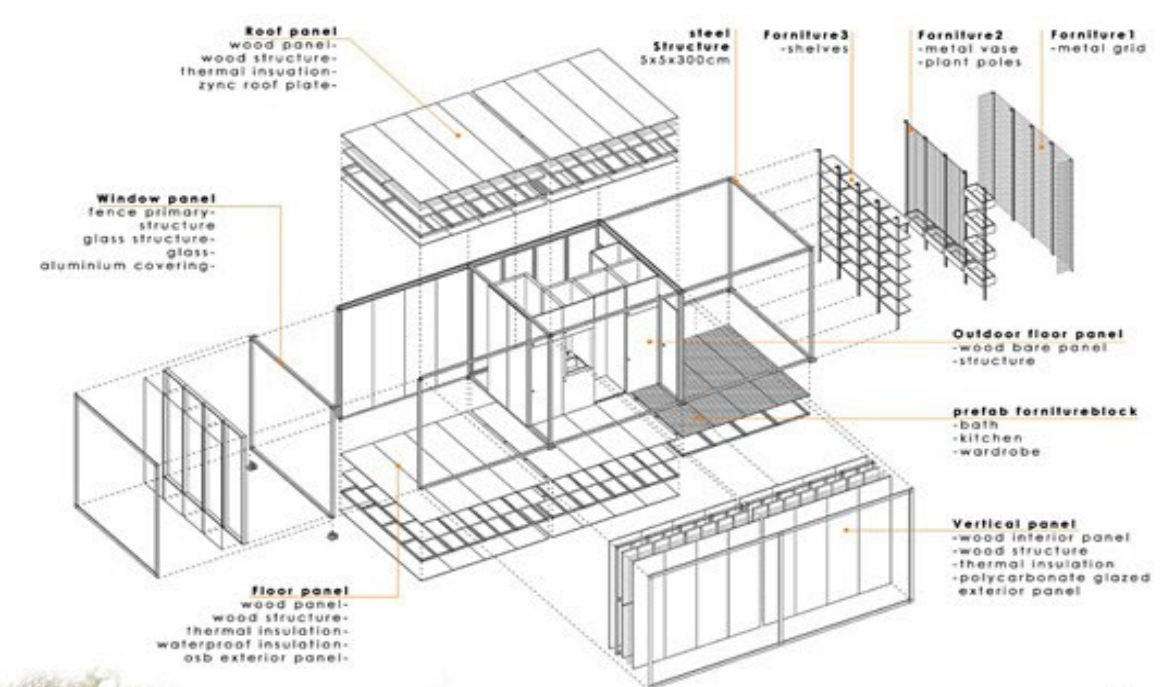
Plan - ground floor - scale 1:500

1. Reception	180 sqm	3. Sport facilities	220 sqm	5. Permanent offices	224 sqm
1a. Hall	80 sqm	3a. Hall	130 sqm	5a. coffee zone	20 sqm
1b. reception	10 sqm	3b. multipurpose room 1	120 sqm	5b. meeting area	13,5 sqm
1c. Back-office	60 sqm	3c. multipurpose room 2	90 sqm	5c. workspace	12,5 sqm
1d. w.c.	30 sqm	3d. multipurpose room 3	80 sqm	5d. w.c.	13,5 sqm
		3e. table tennis area	180 sqm		
		3f. w.c./change room	240 sqm		
2. Day care	1000 sqm	4. Media library	845 sqm	6. Apartments for artists	800 sqm
2a. game room 3-7ages	90 sqm	4a. Hall	160 sqm	6a. Bar	130 sqm
2b. library	73 sqm	4b. video room	31,5 sqm	6b. type 1	441,8 sqm
2c. playground 8-11 ages	124 sqm	4c. conference room	76,5 sqm	6c. type 2	4x27 sqm
2d. laboratory	43 sqm	4d. reading room	87,5 sqm	6d. outdoor terrace	142 sqm
2e. w.c.	30 sqm	4e. newspaper library	3,6 sqm	6e. public kitchen	36 sqm
		4f. reading room	440 sqm		
		4g. w.c.	30 sqm		

Axonometric exploded view - functional program/main connection



Block exploded - axonometric view



Second/third floor



First floor



Ground floor



A BASIC PLAN FOR PLANNING

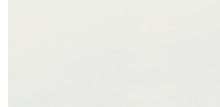
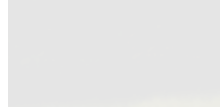
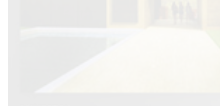
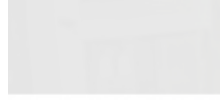
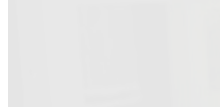
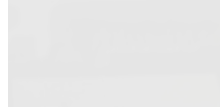
01. Research
02. Define
03. Brainstorm
04. Choose
05. Develop
06. Prototype
07. Test + Revise
08. Present

A BASIC PLAN FOR PLANNING

01. Research
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PRESERVATION as PROVOCATION

The new addition to the museum and library respects the architectural character of the existing building and site. The design is a response to the site's history and the building's role in the community. The new addition is a provocation to the existing building, not a replacement. The design is a response to the site's history and the building's role in the community. The new addition is a provocation to the existing building, not a replacement.



01. Background Research

The image is a screenshot of a Google Maps interface. On the left, there is a search results panel for "st boniface church chicago". The panel includes a search bar with the text "st boniface church chicago", a main image of the church, and a blue header with the text "St Boniface Catholic Church", "4 reviews", and "Church". Below this are buttons for "SAVE", "NEARBY", "SEND TO YOUR PHONE", and "SHARE". Further down are options to "Add missing information" such as "Add phone number" and "Add website". At the bottom of the panel is a "44 Photos" section with a thumbnail of the church and an "Add a photo" button.

The main part of the image is a satellite view of a city block. A red rectangular bounding box is drawn around the St Boniface Catholic Church building. The church is a large, dark-roofed structure with a prominent steeple. Surrounding streets include W Walton St, W Chestnut St, N Noble St, and N Noble St. Other nearby locations marked on the map include Noble Mini Mart, Work In Motion, and Community Garden. The Google logo is visible at the bottom center of the map area.

02. Define The Problem

“Can you design a new **house** for my family?”

-Client.



This is a place where people...?

- Cook/Eat
- Sleep
- Relax
- Entertain
- Play
- Store things

03. Brainstorm All Possible Solutions

List of Possible Spaces:

Kitchen

Dining Room

Master Bedroom

Kids Bedroom

Guest Bedrooms

Living Room

Great Room

Movie Theater

Kids Play Room

Garage

Attic

Basement



This is a place where people...?

-Cook/Eat

-Sleep

-Relax

-Entertain

-Play

-Store things

04. Choose the Best Solution

List of Possible Spaces:

Kitchen

Dining Room

Master Bedroom

Kids Bedroom

Guest Bedrooms

Living Room

~~Great Room~~

“Not enough space for this and a living room.”

~~Movie Theater~~

“Too expensive.”

Kids Play Room

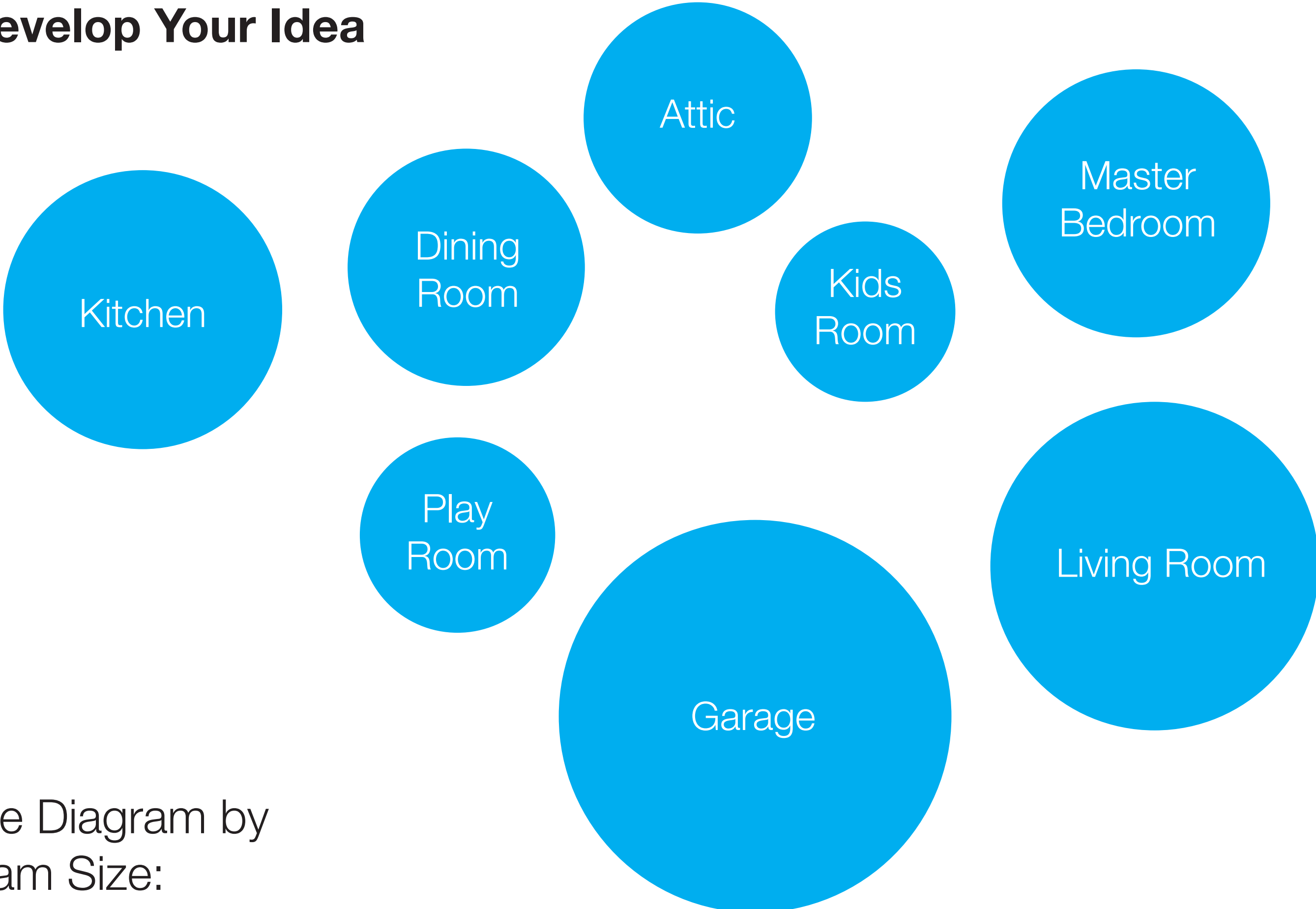
Garage

Attic

~~Basement~~

“We can not dig down on the site.”

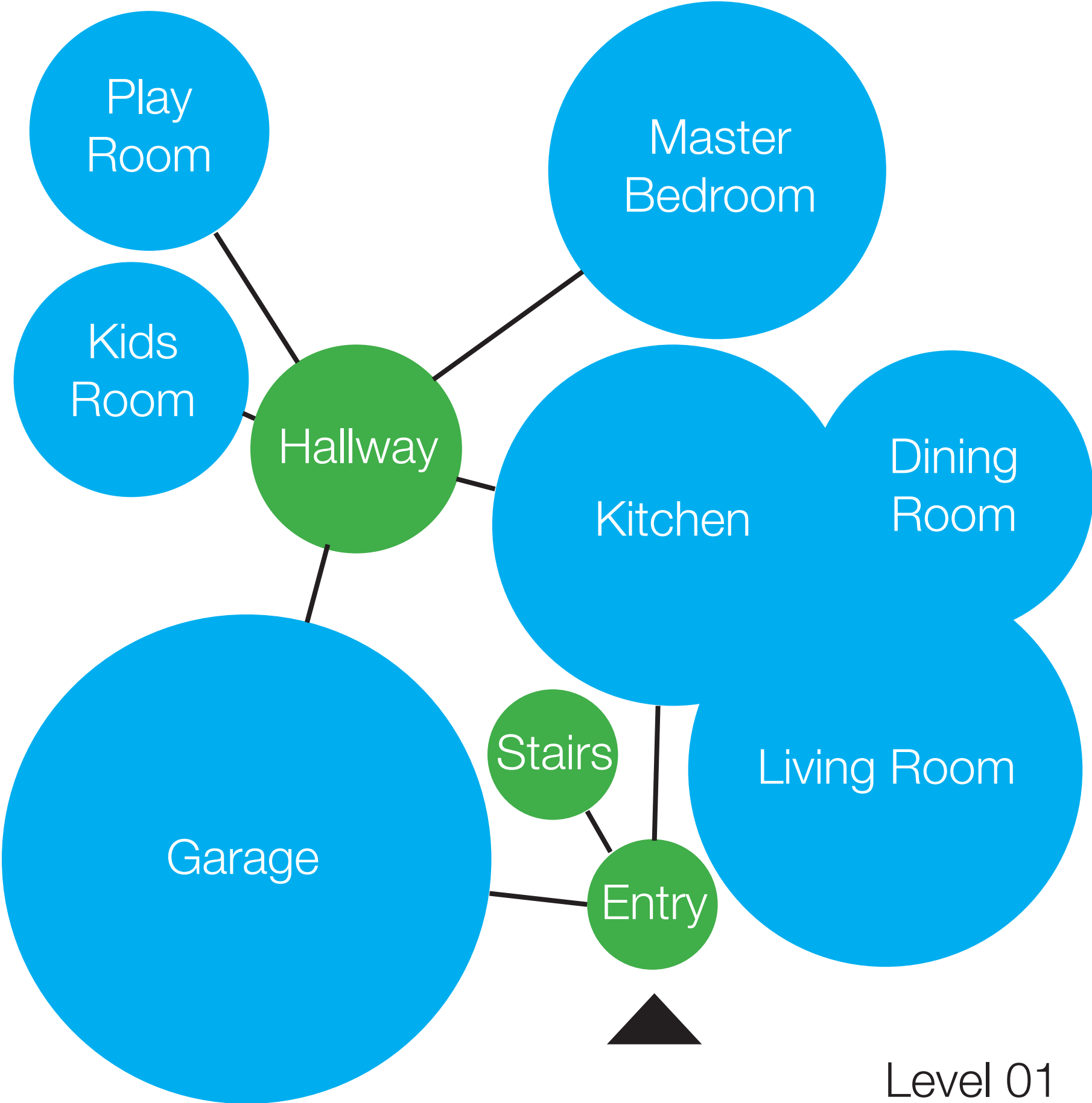
05. Develop Your Idea



Bubble Diagram by Program Size:

05. Develop Your Idea

Where are the Bathrooms???



Bubble Diagram by Program Size + Adjacency:

05. Develop Your Idea



Block and Stack
Diagram:

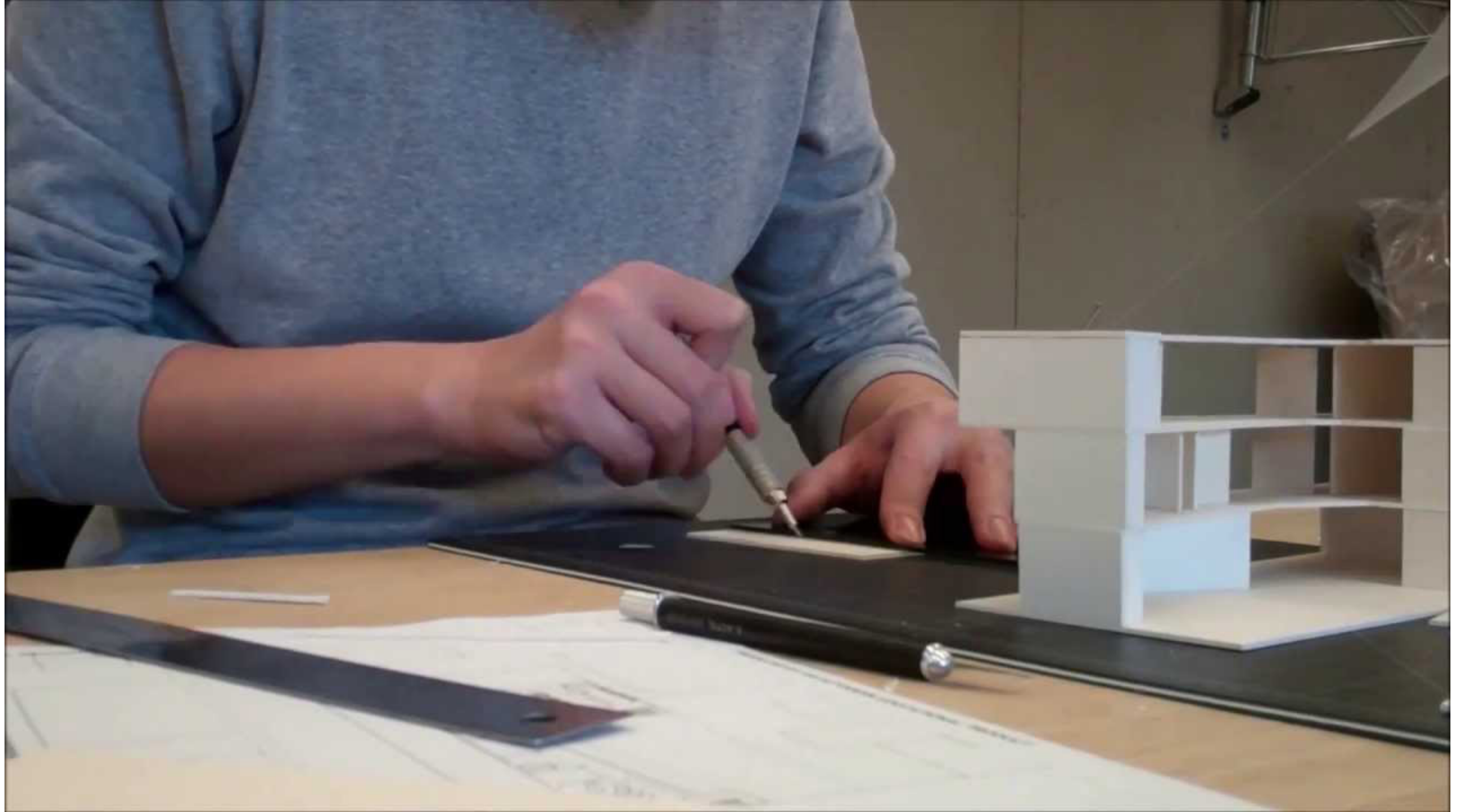
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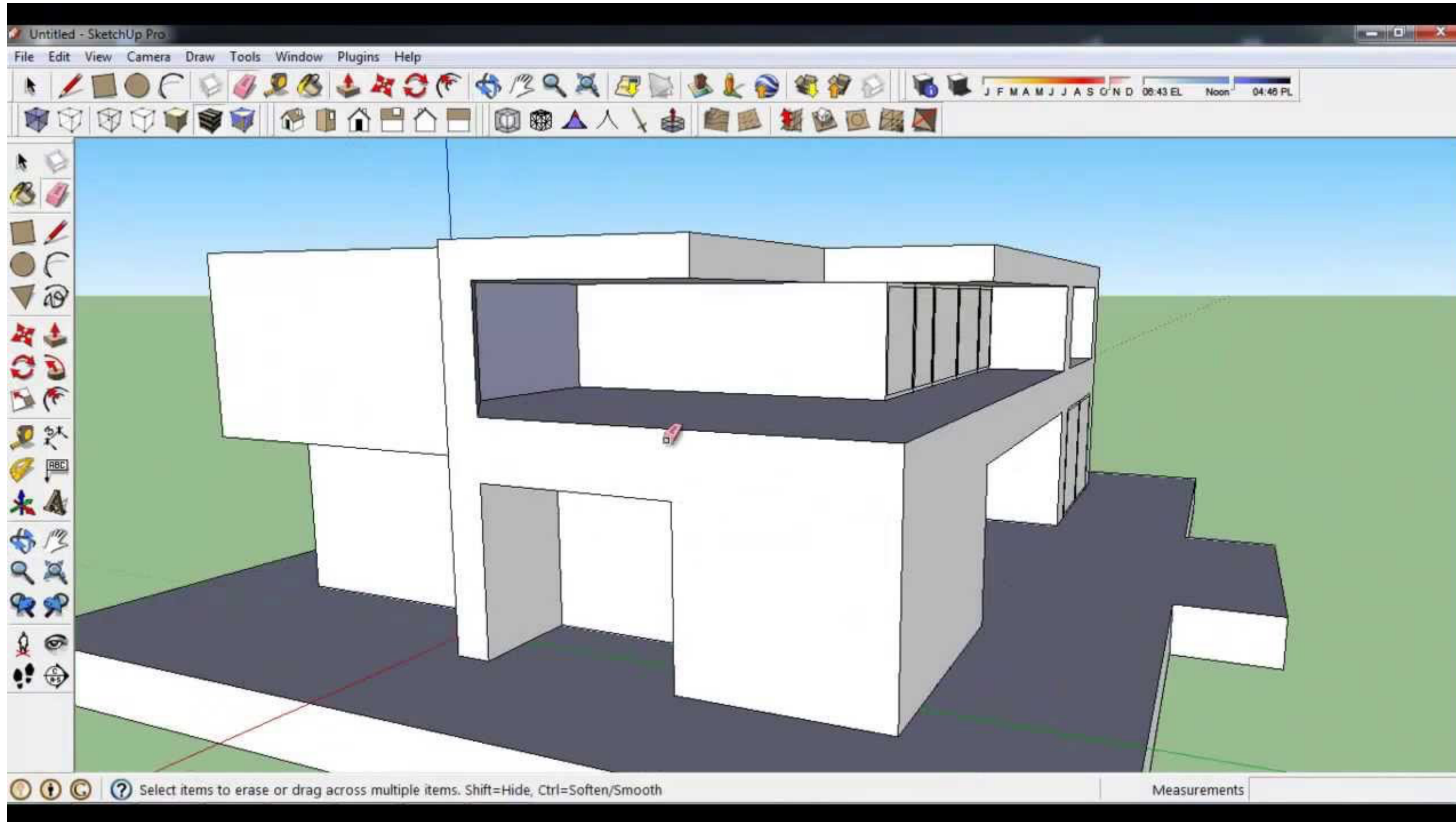
Sketch Floorplan:

06. Build a Prototype

Physical
Study
Model:



06. Build a Prototype



Digital
Study
Model:

07. Test + Revise



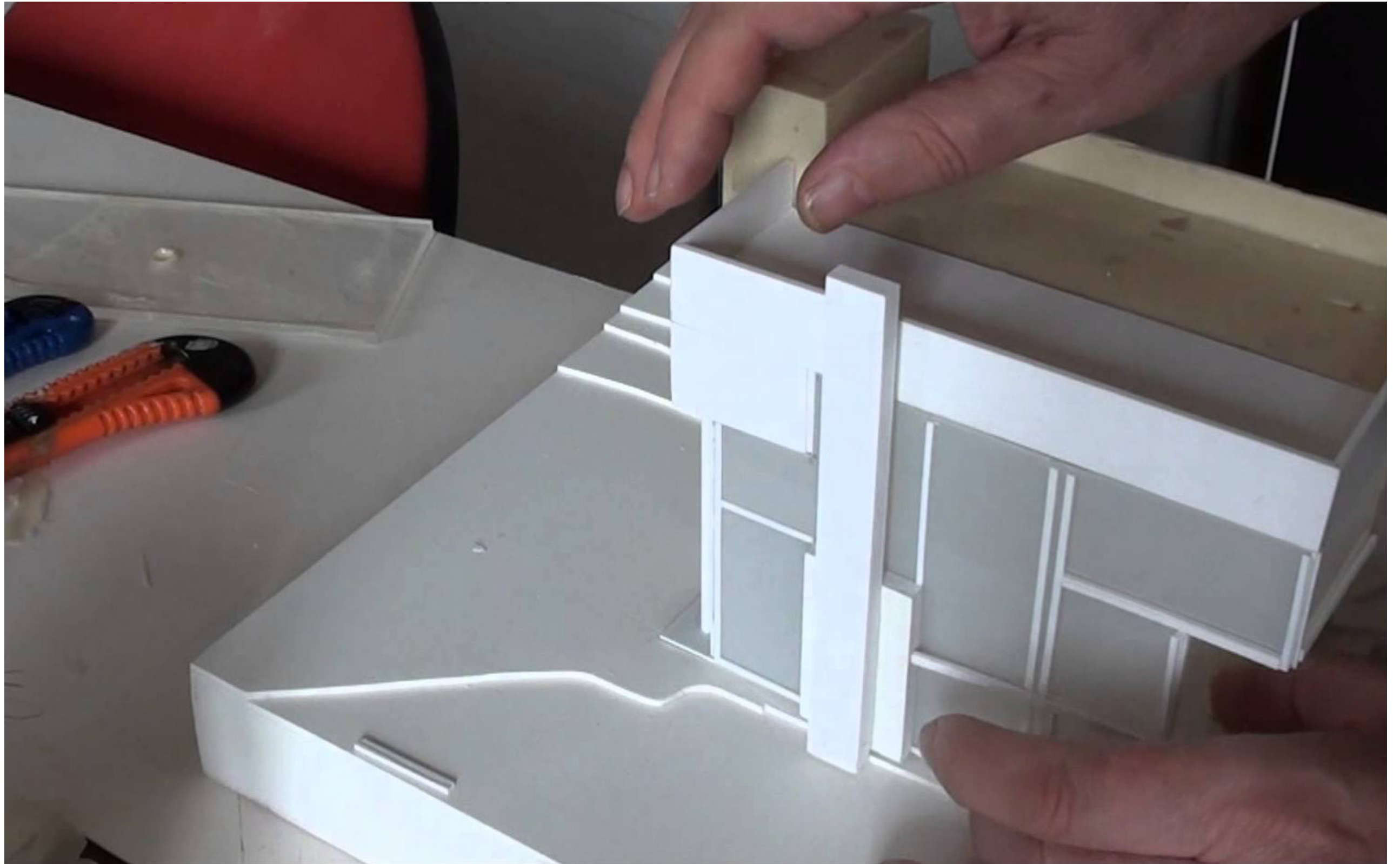
Sketch Floorplan:

07. Test + Revise

Detailed Plan:

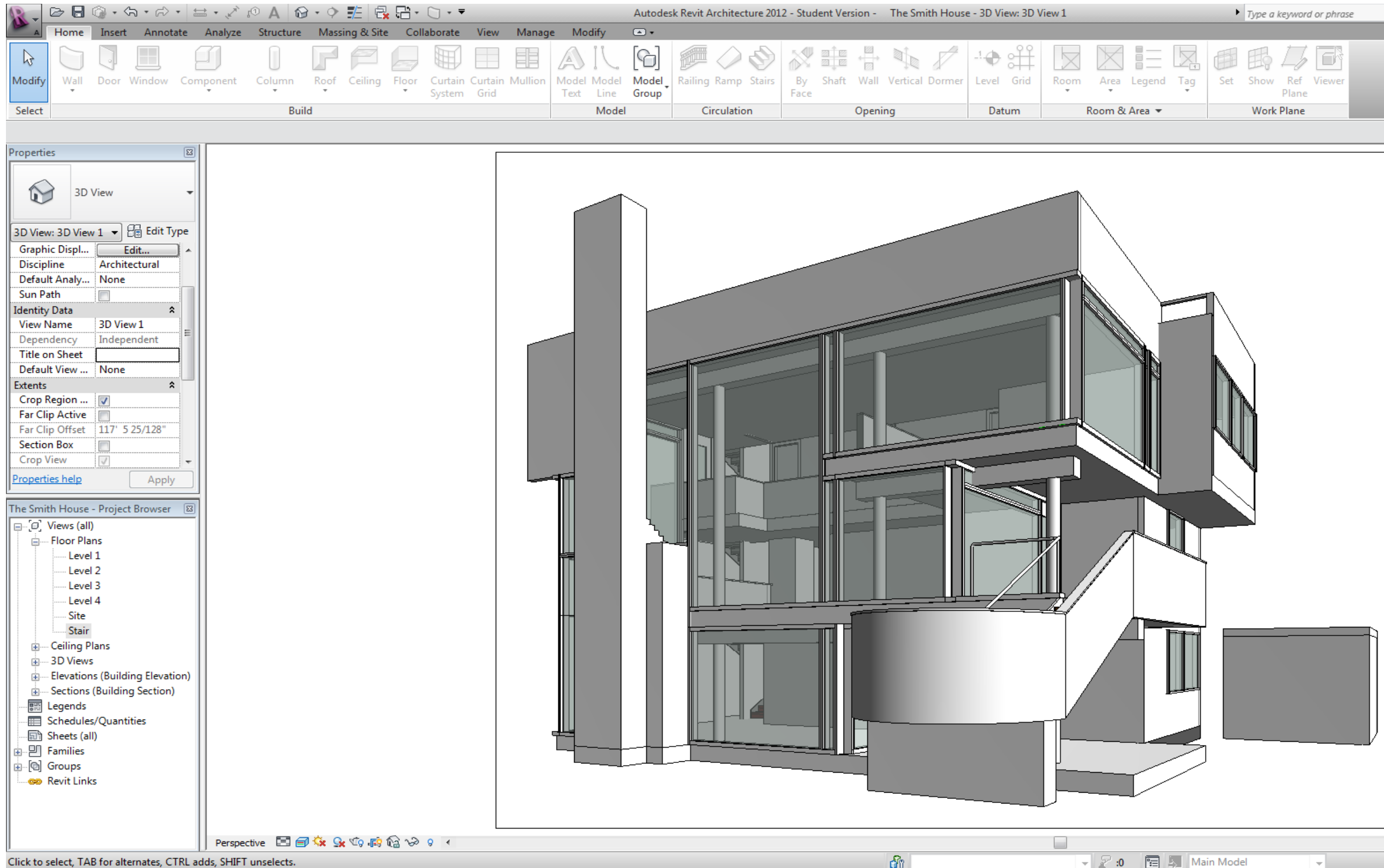


07. Test + Revise



Final
Physical
Model:

07. Test + Revise

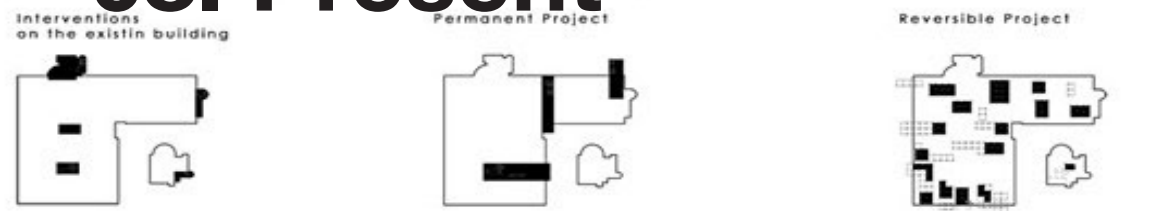


Final
Digital
Model:

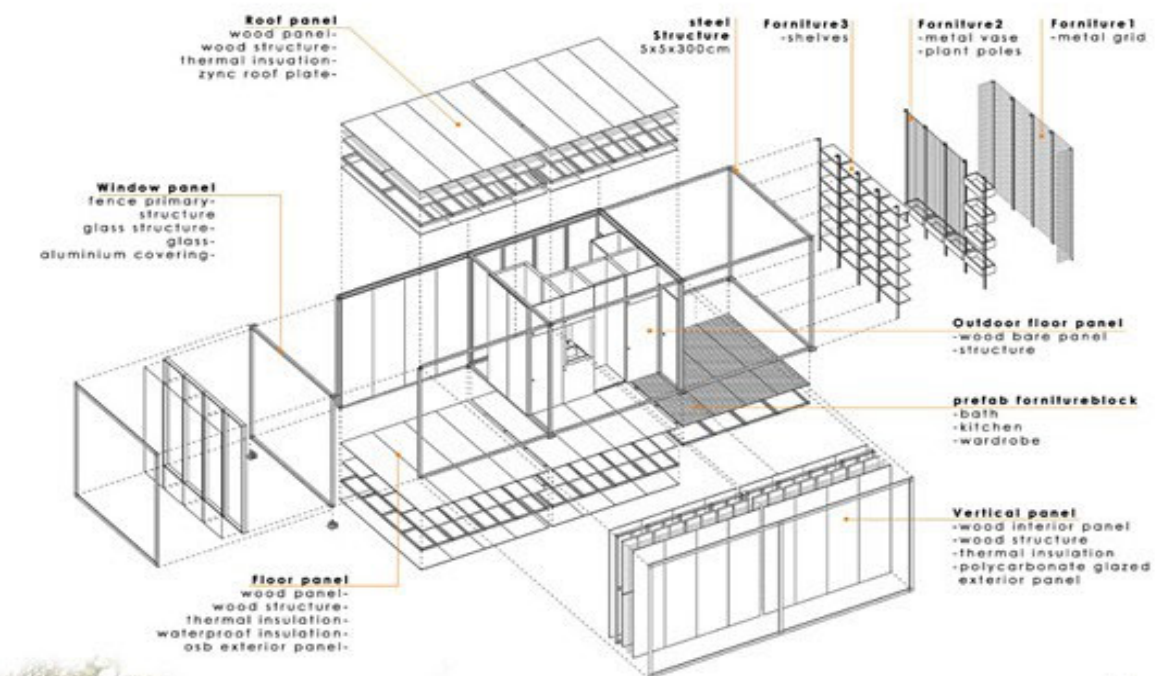
08. Present

Concept
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On the inside, the space layout is re-designed through modules which actually replace fixed partitions and space with ease of assembly. In this way, the space can adapt to the maximum usage depending on specific needs; thus the reversible project is configured as partitions, either small or wide, tall or low, to be assembled or disassembled as needed. The infinite possible solutions achieved with the prefabricated modules provide the maximum flexibility and adaptability.

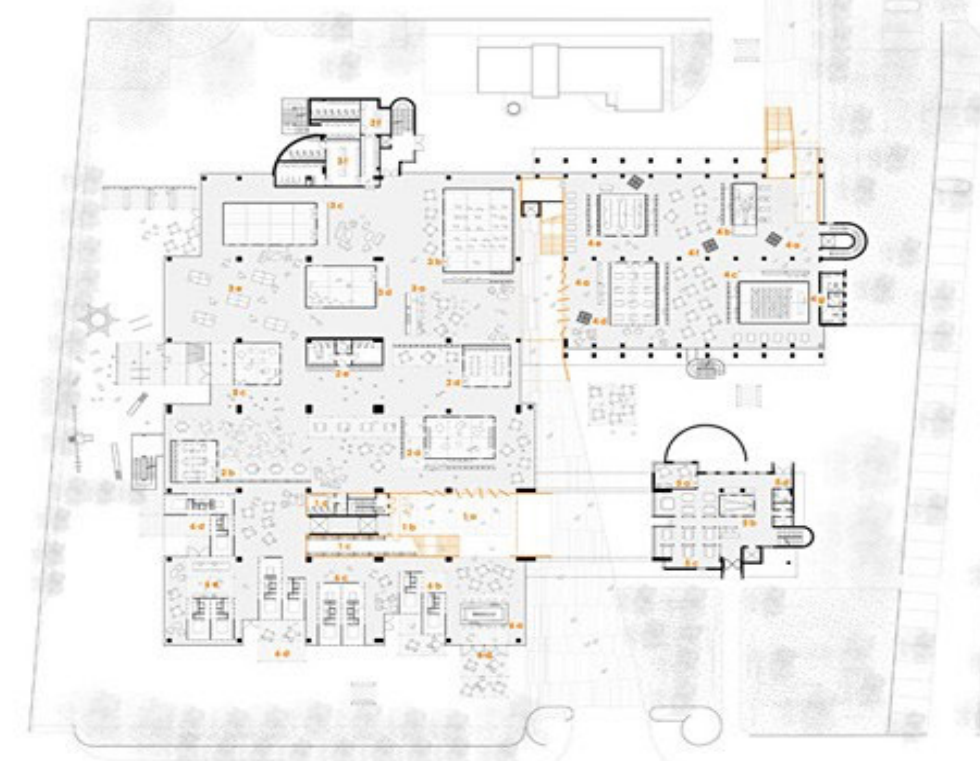


Block exploded - axonometric view



Plan - ground floor - scale 1:500

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Axonometric exploded view - functional program/main connection

