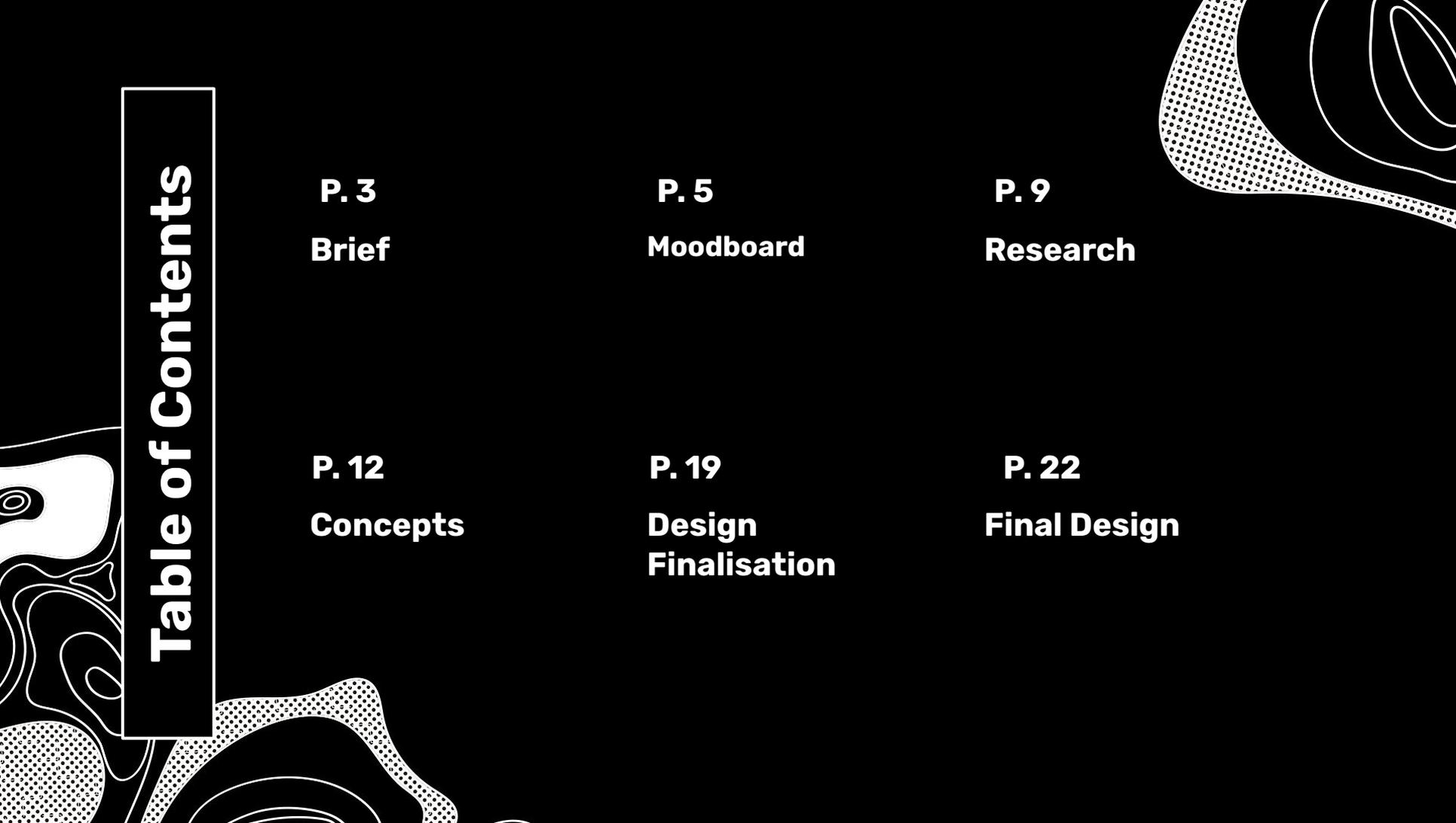


The background features a complex, abstract pattern of white lines and halftone dots on a black field. The lines are fluid and organic, resembling topographical contours or organic forms. Some areas are filled with a dense grid of small white dots, creating a halftone effect. The overall composition is dynamic and visually rich.

# Architectural Design Process

A Design Inspired by Harry Seidler's *Rose Cottage*



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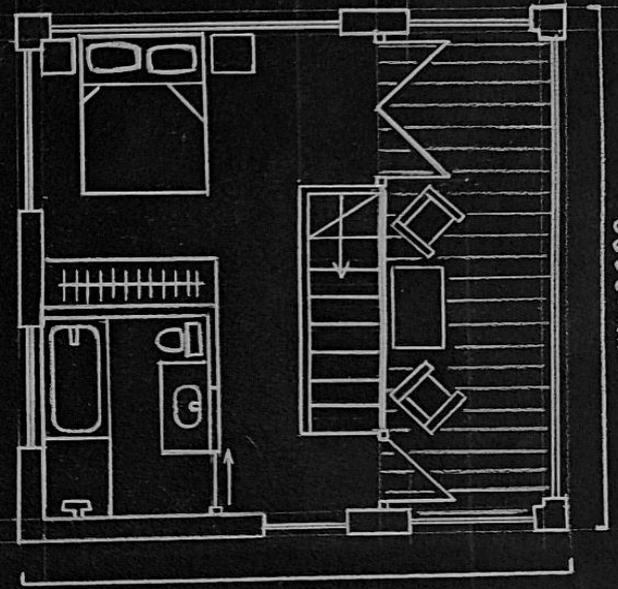
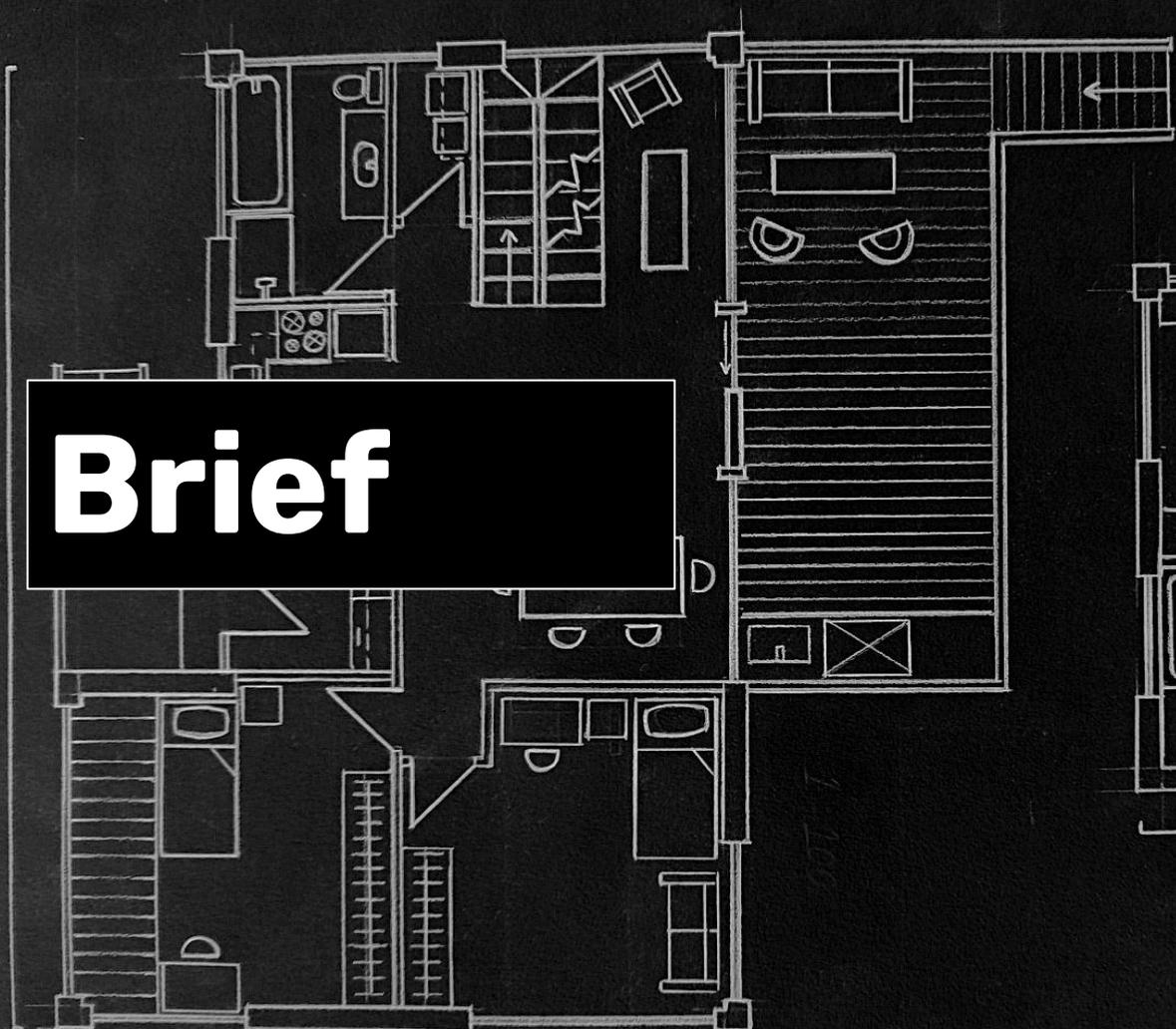
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**Final Design**

# Brief

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# Return Brief

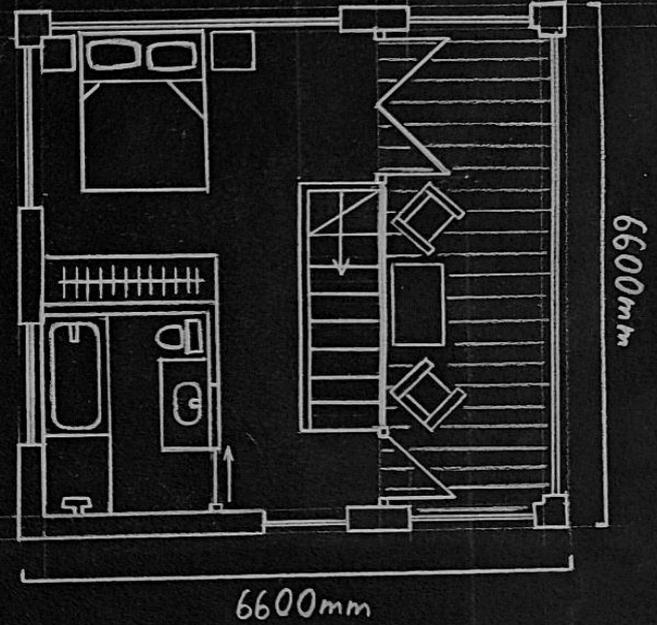
A coastal holiday house in Malua Bay, NSW must be designed for a family of four. The house is to be open plan and in the timeless style of Harry Seidler's Rose Cottage. It must be built at least 60 cm off the ground with a floor plan of no more than 160 square metres and it must have the ability to reasonably and independently survive bushfires. The house is to be a two story or split level and have at least three bedrooms, a bathroom, lounge, kitchen, dining area and a north-facing deck.

The exterior space requires a carport no smaller than 6 x 3 square metres with front vehicle access. The backyard should include a BBQ / firepit, outdoor shower, plunge pool, paths and garden while retaining the existing trees on the property, if possible.

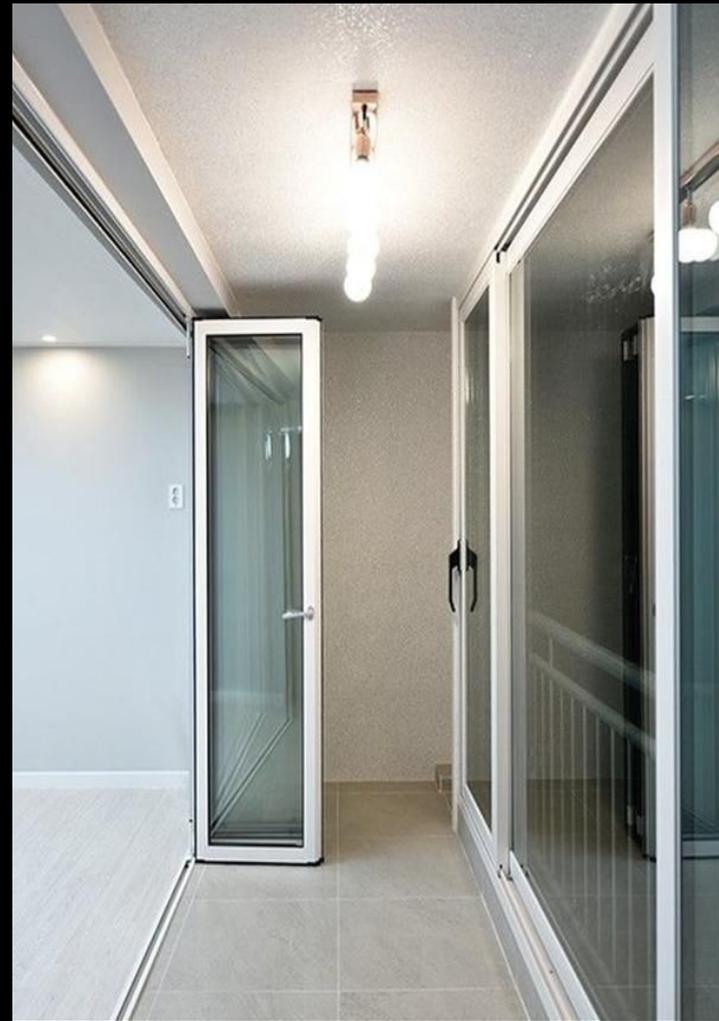
The clients are Trevor and Julia Alfalfa, and their two children Mungbean and Soya. Trevor and Soya enjoy fishing and mountain biking together, Soya also enjoys playing the piano. Julia likes reading and appreciates relaxing and spending time with her children. Mungbean is fond of painting, crochet and rollerblading. To allow for the full enjoyment of these activities, the addition of utilities made specifically to these activities is necessary.

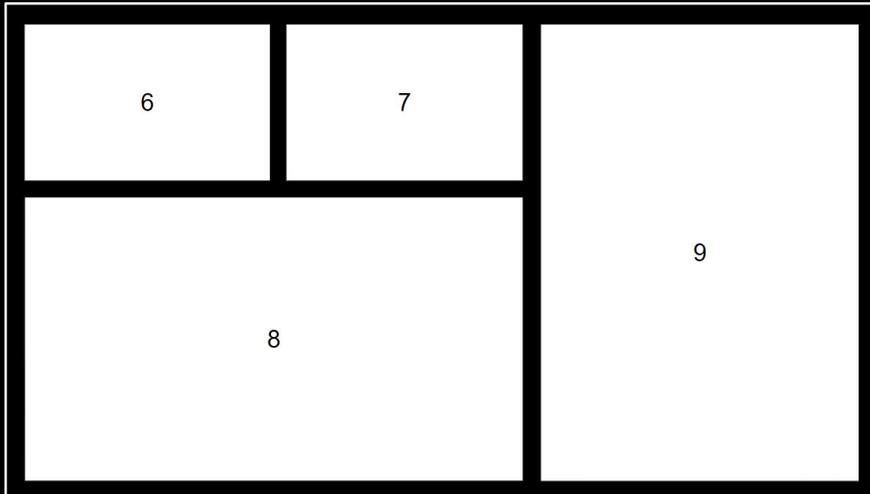
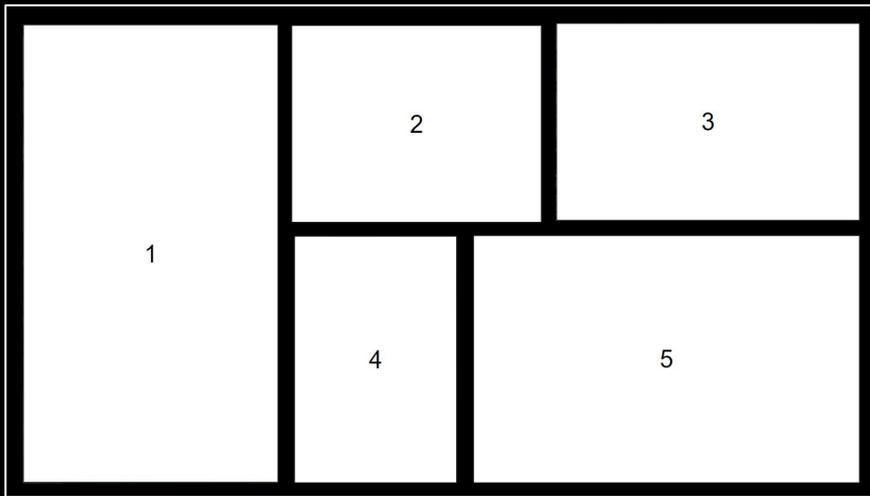
# Moodboard

12,600mm





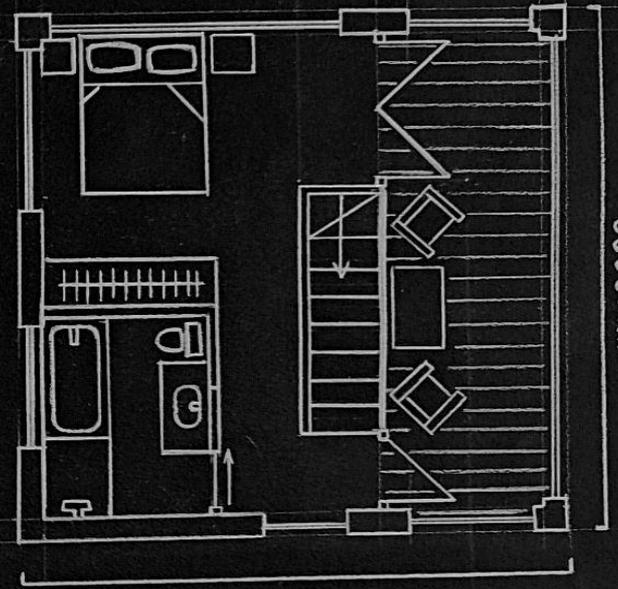
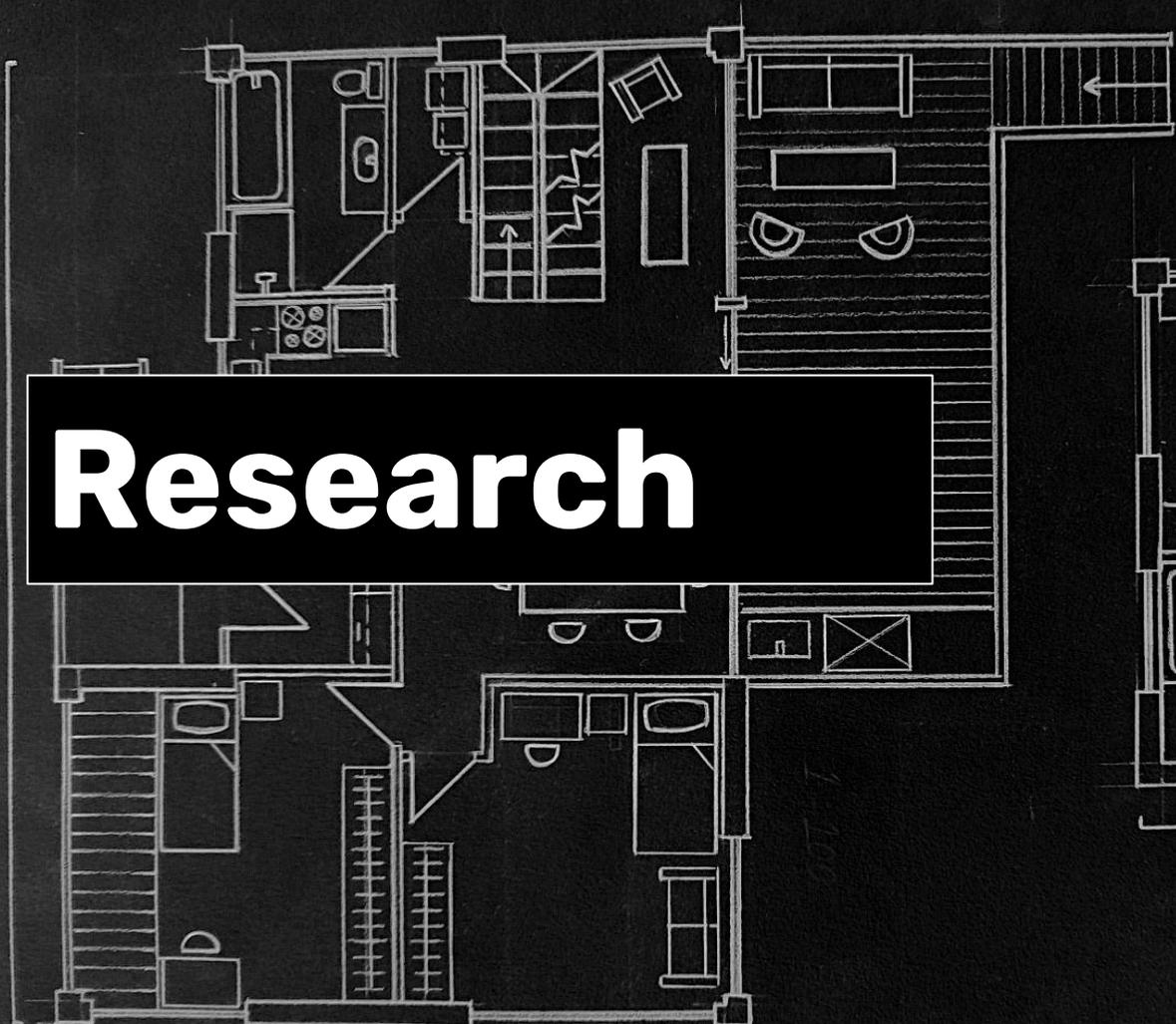




1. Window panel composition in corners, noting the panelled shades at the top of the windows.
2. An interior use of timber brings a natural element indoors, further blurring the lines between the house and the outdoors. Note the open living plan and natural light.
3. A minimalistic design with a clean finish, note the double story composition, large windows and stone wall.
4. The spiral staircase displays geometry that fits nicely within the style.
5. The window paneling composition allows for openable windows within large stretches of glass. Note the use of colour and balcony execution.
6. An idea on how a front staircase may attach to the house, noting the seamless transition with the materials used.
7. Shows how a front staircase may attach to the house entrance, and how people may interact with the space.
8. Strong, individual design within given style, an idea on how an ocean view may be appreciated with house placement on site.
9. How an indoor balcony might look like, noting the transition and interaction of difference spaces.

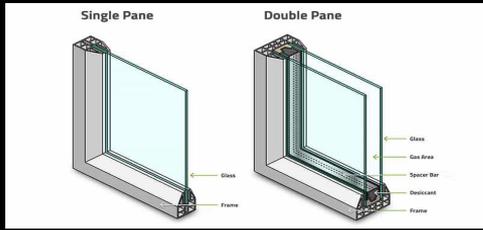
# Research

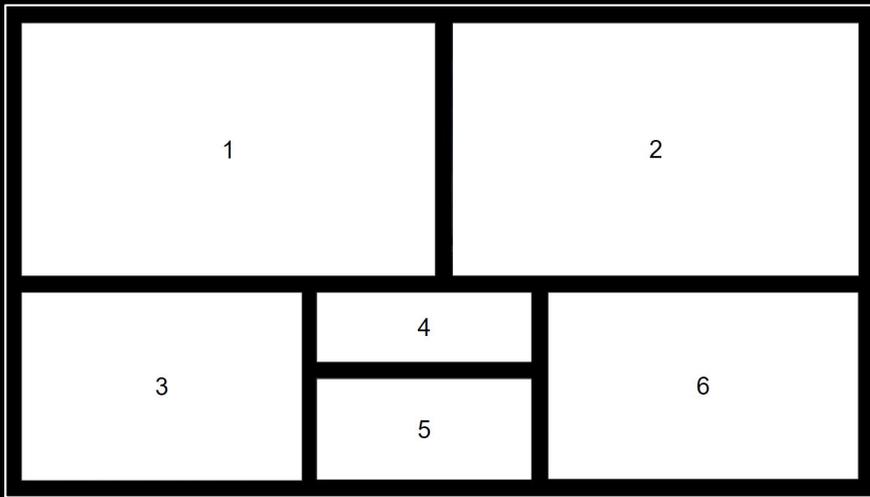
12,600mm



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6600mm





1. Harry Seidler's Rose Cottage - This is design and style inspiration that was specifically provided by the clients as a guideline to the conceptualisation of the beach house. Note the mid-century modern style, a flat roof and minimal structure colour palette. The window panes are arranged in an interesting and engaging composition. Seidler used lots of concrete, glass, steel and features such as stone walls and ramps.

2. Another architectural work of Harry Seidler. Again, a flat roof and minimal colour palette are present in the design. A staircase is now used to reach the entrance. Note the large windows on either side of the house that allow light to pass through the entirety of the structure.

3. Further exploration of Seidler's design style. Note the large, monolithic yet artistic and elegant structure. Reinforced concrete is a favoured material as it is strong, fire resistant, durable and low maintenance.

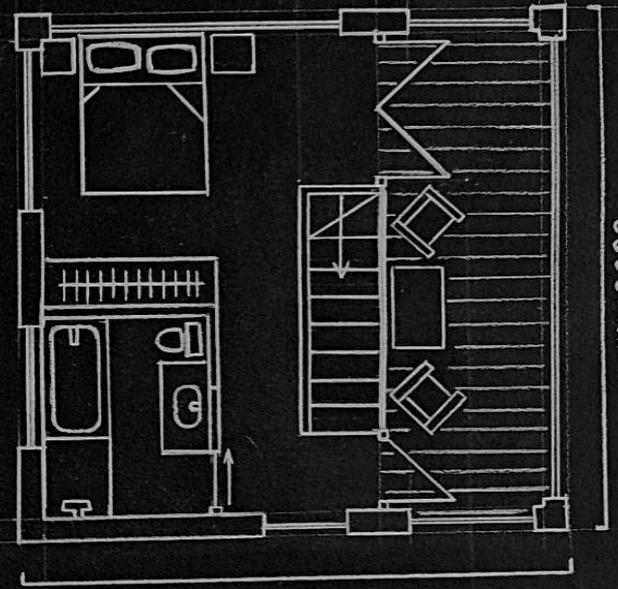
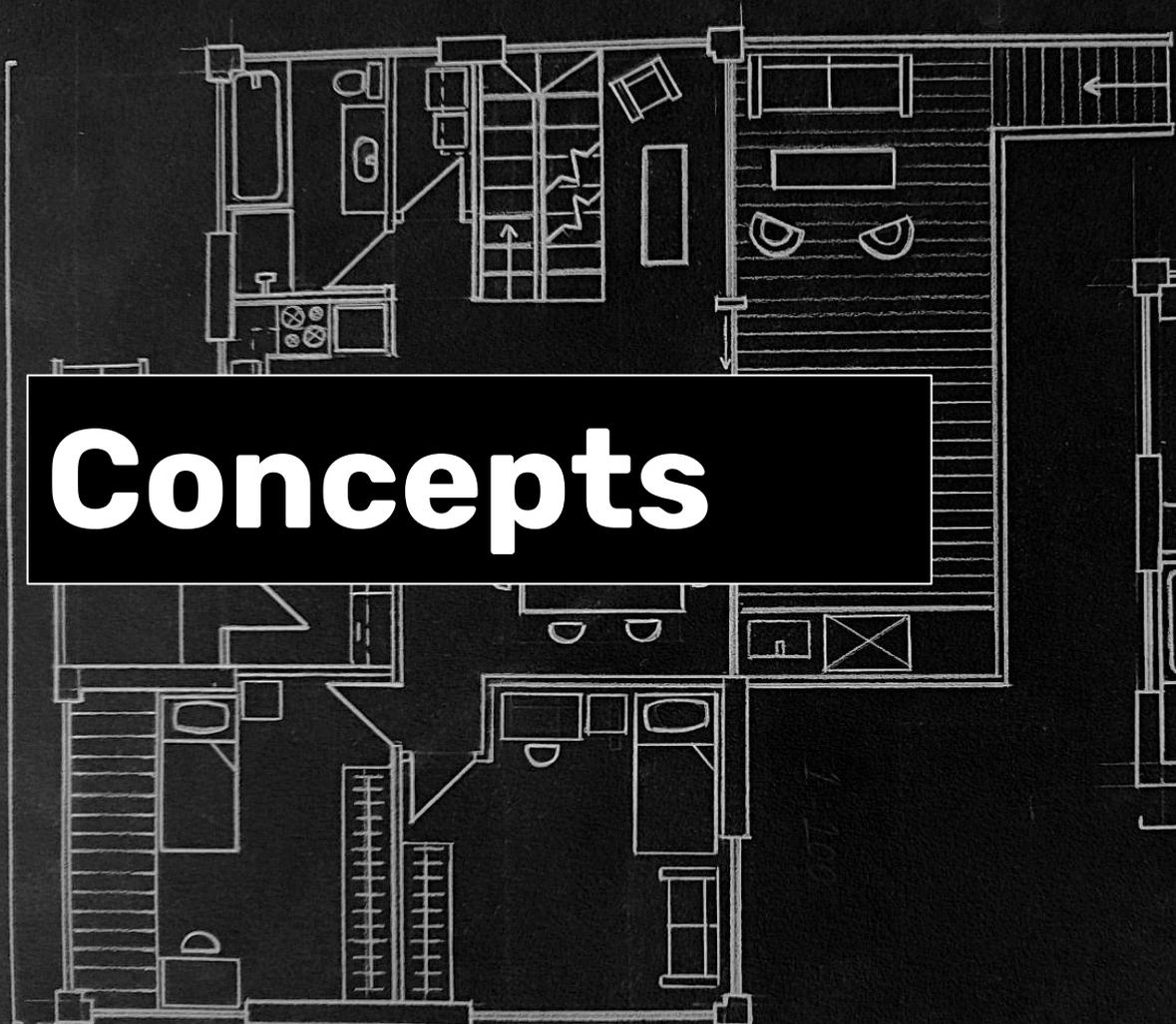
4. Spotted gum timber - A locally sourced timber that doesn't burn well and can only smoulder in fires when cared for properly.

5. Double pane windows - Stronger than single pane windows, especially in fires. Has the added benefit of excellent temperature regulation, creating a more sustainable living environment.

6. Bottlebrush hedges - Creates discrete privacy walls while providing food and habitat for more native animals. This will attract wildlife and supplement the living experience of the house and surrounding area. Must be planted 5 meters away from the structure to avoid increased fire risk.

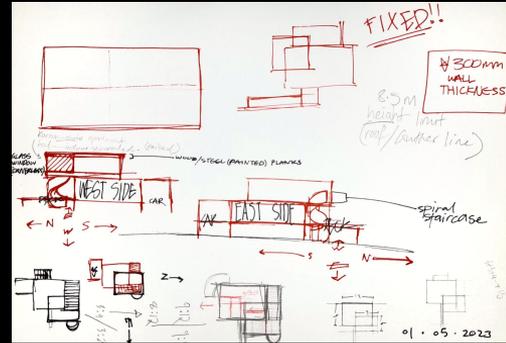
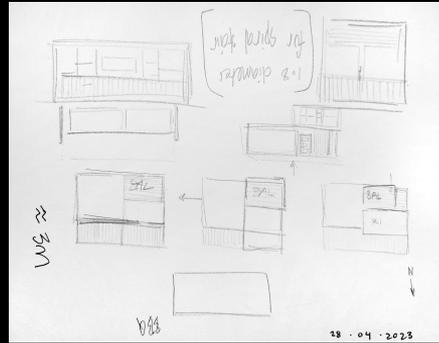
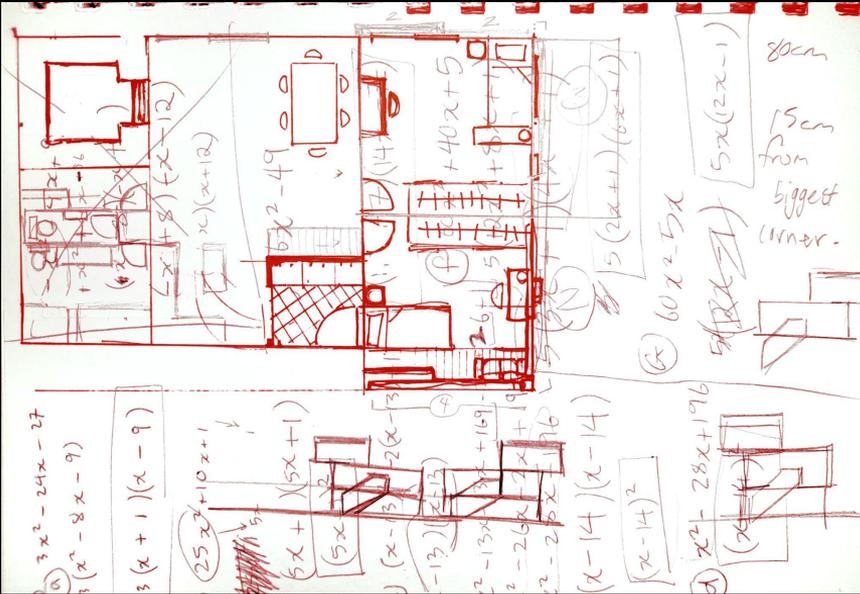
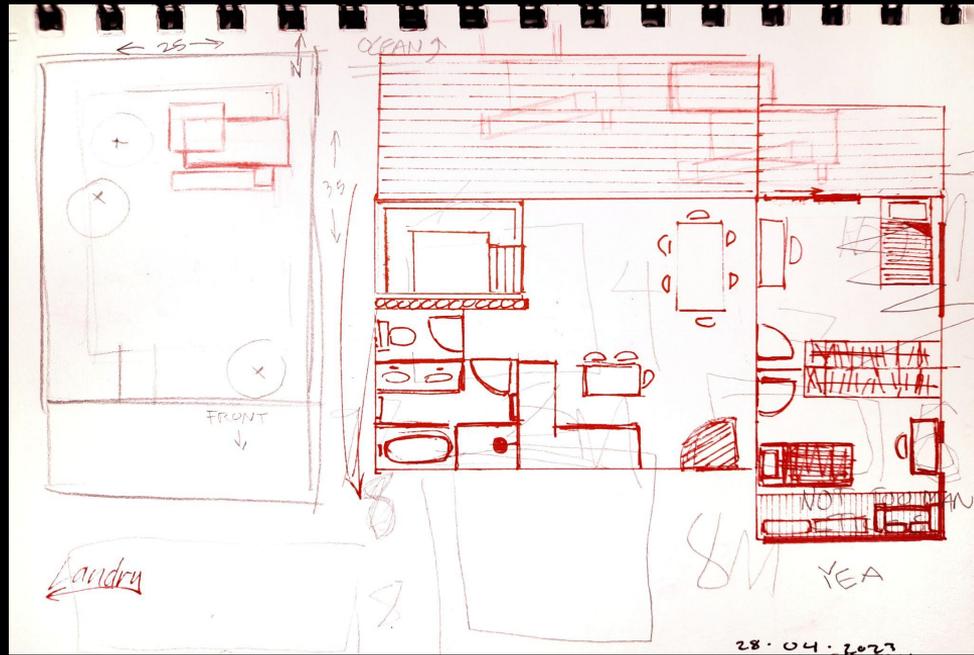
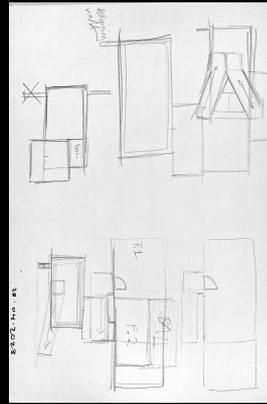
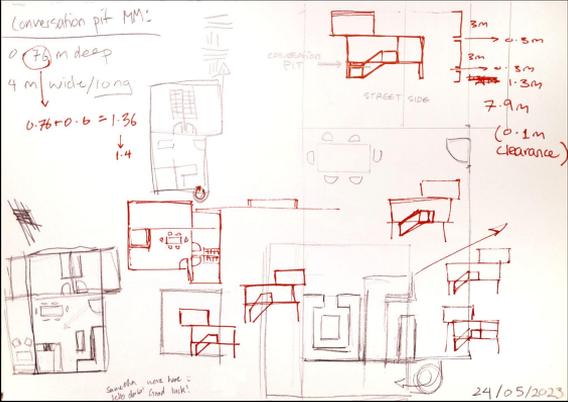
# Concepts

12,600mm



6600mm

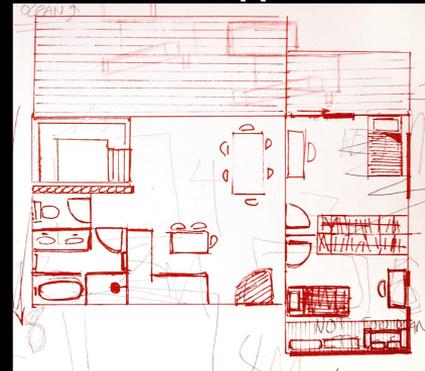
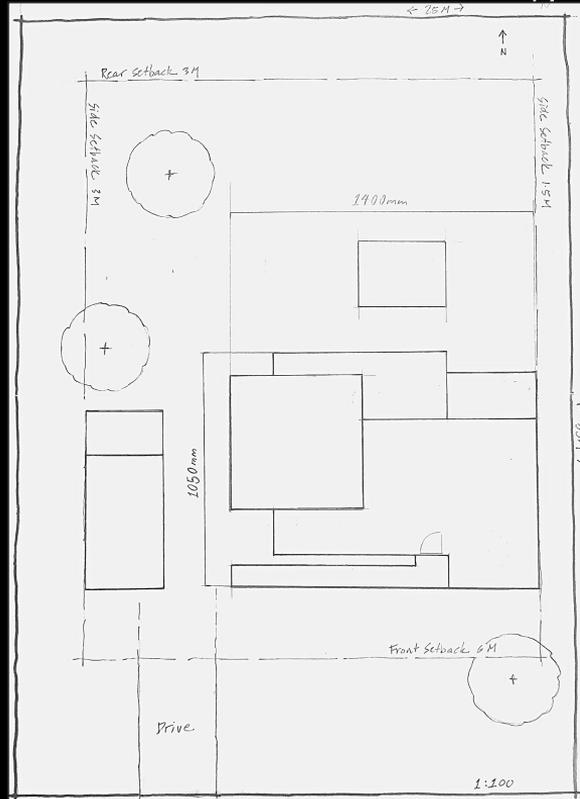
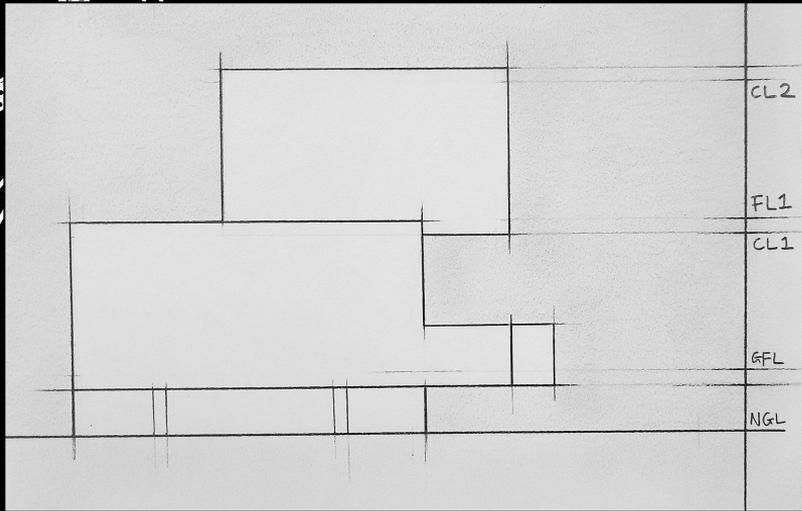
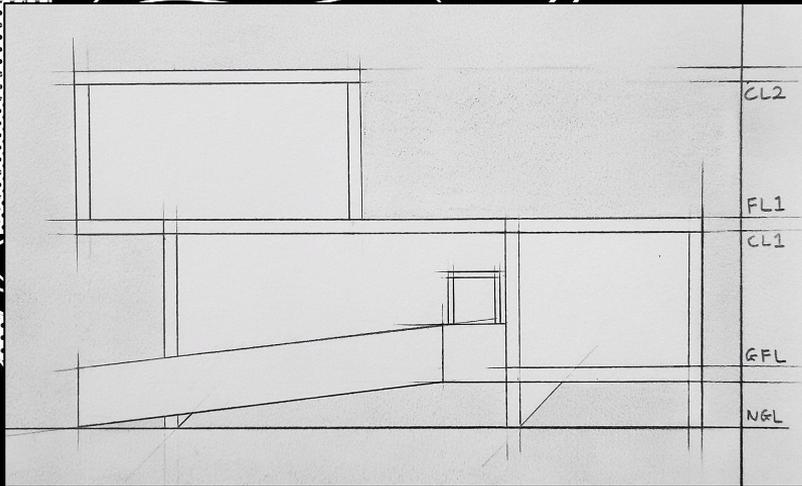
6600mm



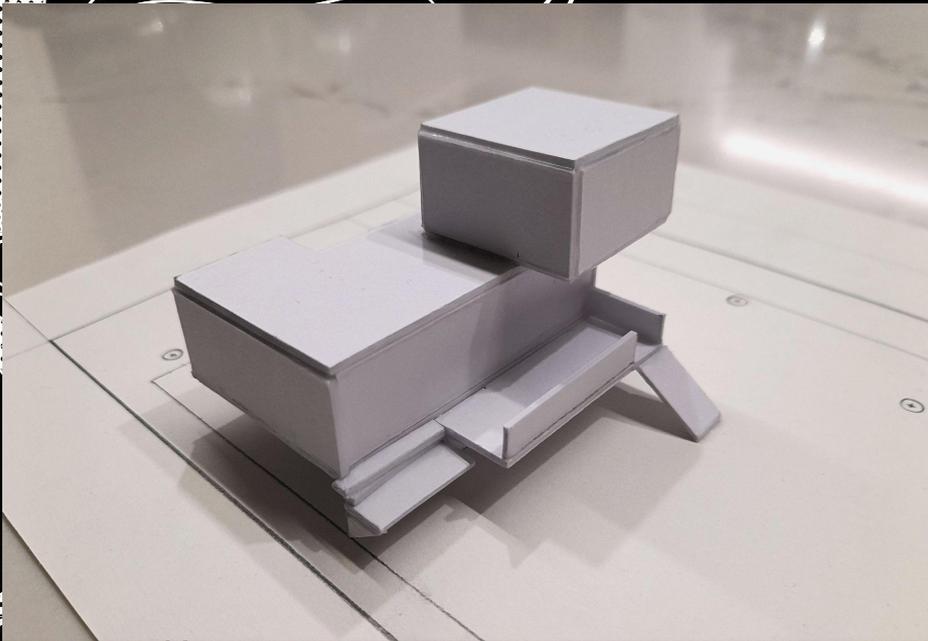
# 1st

**Concept**

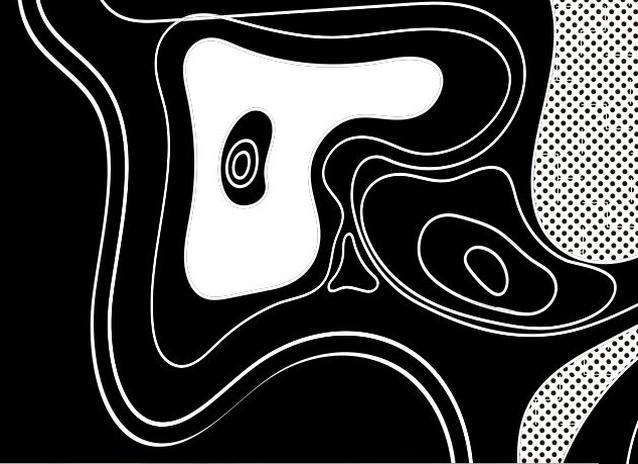
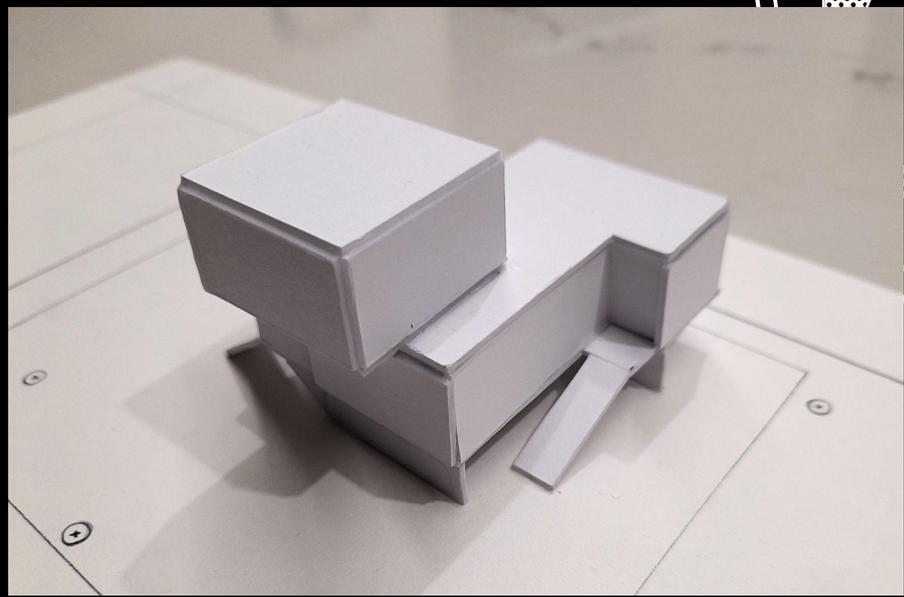




A  
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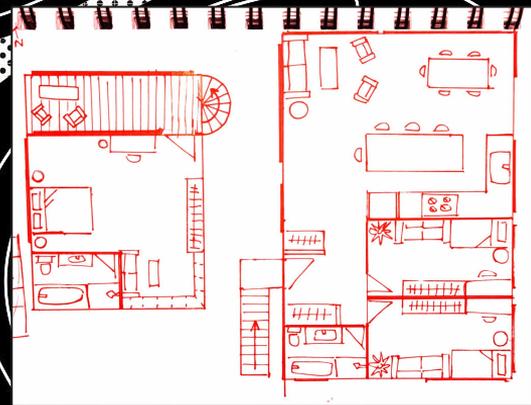
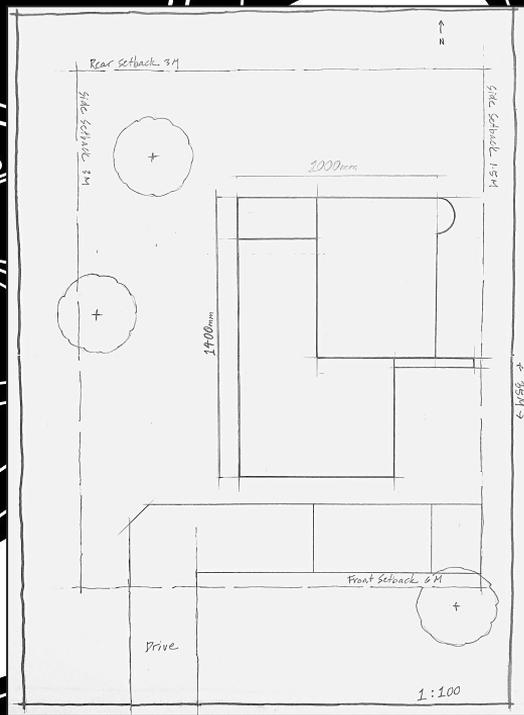
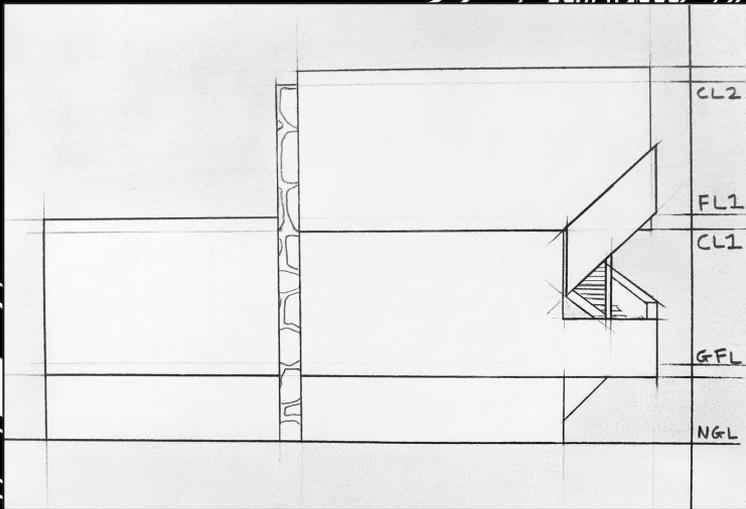
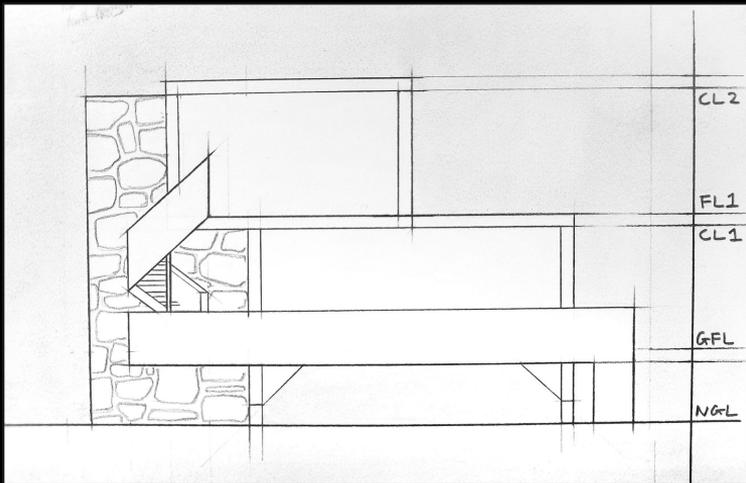
1:200



# 2nd

**Concept**



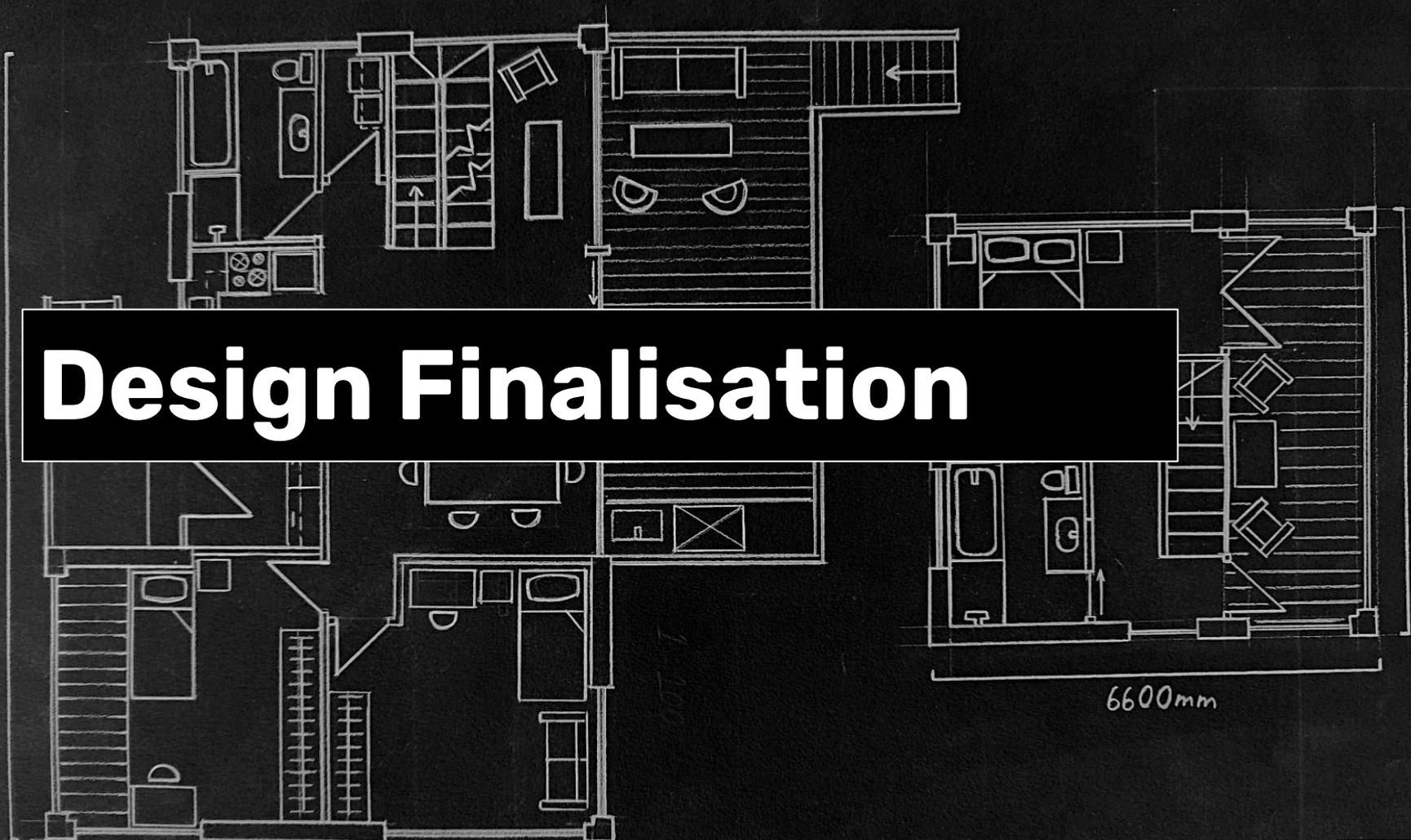


# Design Finalisation

12,600mm

6600mm

6600mm



# Design Finalisation

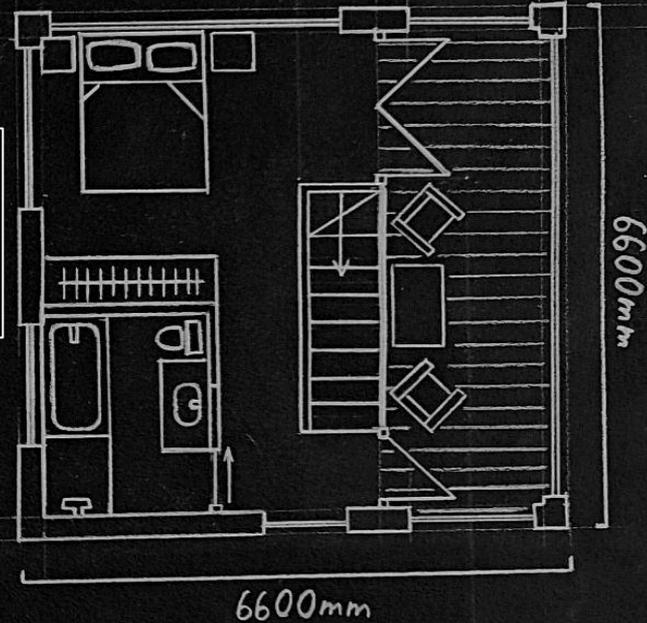
The final design was based largely on concept 1, but they are not identical. Where concept 1 utilises a ramp to access the entrance, the final design took the staircase from concept 2. This decision was made to save space outside the house and to prevent clashes in flow between the carport and base of the ramp, as the ramp would have had to be considerably long. Concept 1 also features a separate, smaller deck that is accessible from the back bedroom. This was later removed after evaluation of the 1:200 model. The first concept neglected to include a laundry or mudroom, which was later added in the final design.

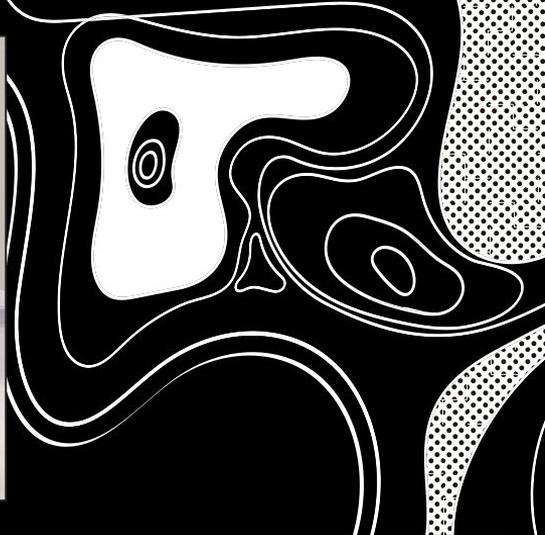
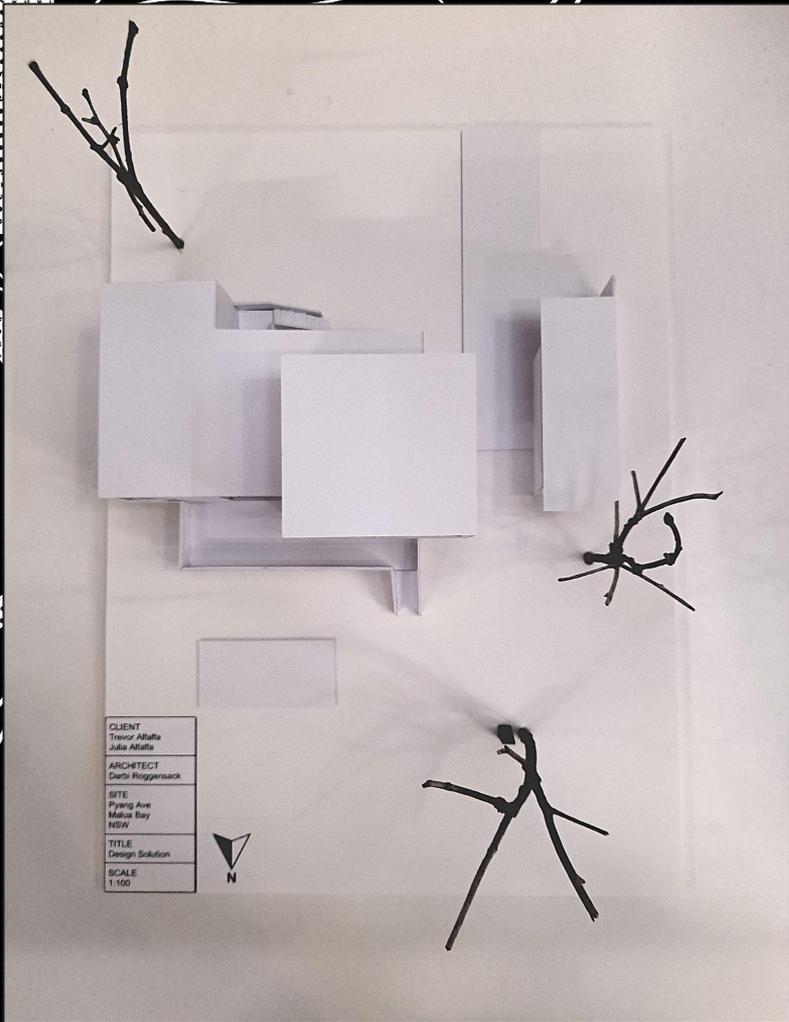
Concept 2 was discarded also due to its composition. The rectangular sections created satisfying hierarchy and demonstrated interlinked ratios, but was ultimately deemed too unlike the style of Harry Seidler's Rose Cottage. The square-shaped second floor was much more demonstrative of the style, and created better balance.

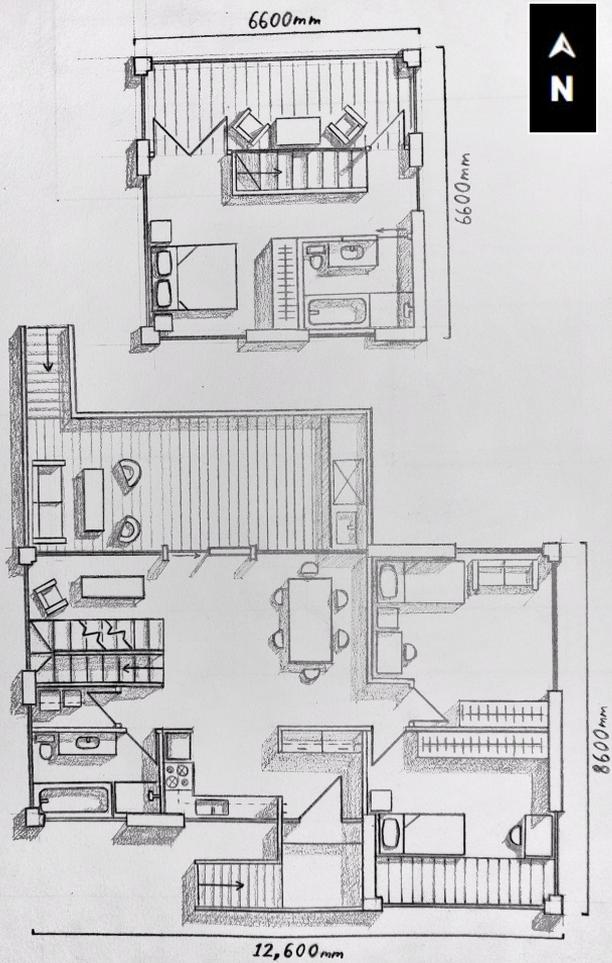
The type of balcony to be used was explored in the two concepts; concept 1 having an indoor balcony where concept 2 had an outdoor balcony. Ultimately, an indoor balcony with openable windows was selected, as it is a sheltered place to observe nature, allowing for full enjoyment in all weather conditions. Large glass doors separate the bedroom from the indoor balcony, which allows for flexible configurations and gives control to the clients on what atmosphere they wish to inhabit.

# Final Design

12,600mm







# Architect's Statement

The final concept of the mid-century modern style holiday house was built for the appreciation of the local sights and available activities of the coast of Malua Bay, NSW. Inspired by Harry Seidler's Rose Cottage, the 138 square meter design largely incorporates natural light and open plan living, dining and kitchen areas. An appreciation for the outdoors is highlighted with a large deck, pool, outdoor cooking area and shower. All original on-site trees were retained.

Each bedroom is spacious and has plenty of individual storage space; the master bedroom sports a largely private upstairs area with a private bathroom, indoor balcony and reading nook overlooking the backyard. The layout of the floorplan intends to create flow and seamless integration between the outdoor and indoor components of the design using large windows and sliding glass doors to create connection between the living area and outdoor living space; as well as an outdoor cooking utility placed next to the dining area. The window and room placement has also been strategically planned in order to maximise light coming from the east in the mornings in bedrooms and north in the noon in living spaces. The separate carport is backed by a small storage unit where fishing and biking equipment may be stored. A decently spacious paved area allows for various outdoor activities, such as rollerblading. Vegetation is strategically placed in order to increase privacy while keeping a distance so as not to jeopardise the safety of the house in the event of a fire. The materials chosen reflect those of the designs of Harry Seidler, incorporating reinforced concrete, double glazed glass and treated timber. The materials were chosen with an awareness to fire resistance and durability in the event of a bushfire. This concept boasts eye catching and exciting design, utilising balance, asymmetry and hierarchy to enhance its unforgettable aesthetics.

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