

EI HABITAT

Project Year : 2021
Location : Surabaya, Indonesia
Project Type : Commission Project
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Short Desc. : This residence for a young couple in Surabaya is designed to be flexible and provide space for gatherings. Located beside the family's home in a moderately sloped section of the plot, the design adapts to the landscape by separating programs into small elevated masses, divided by lush greenery and water bodies, and united under a single massive roof. The unique house is designed to fit the owner's personality and needs while still feeling livable and homey.

Tags : *Surabaya, Residential, Elevated mass, Sloped site*

probono project research project
 commission project workshop
 built project exhibition



DESIGN WORKFLOW

The process begins understanding the context surrounding and existing building, where we try to preserve and utilize the existing building as much as possible. Reflective surfaces are utilized to widen the restrictive space and create a distinct and attractive feel. Corridors and canopy are added to accommodate the new function inside the building.

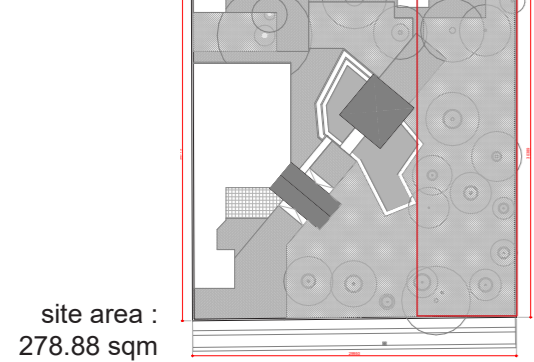
initial concept exploration



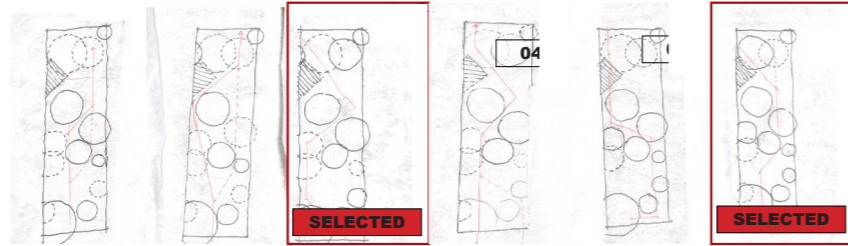
macro mapping overview



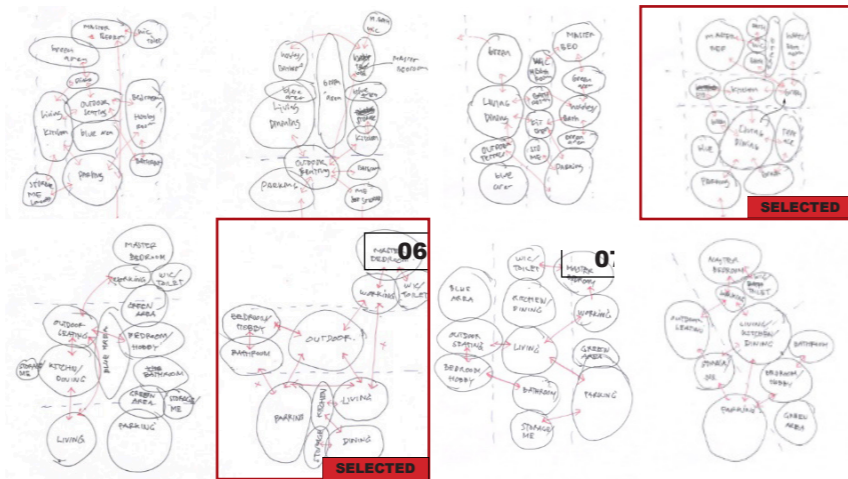
site profile



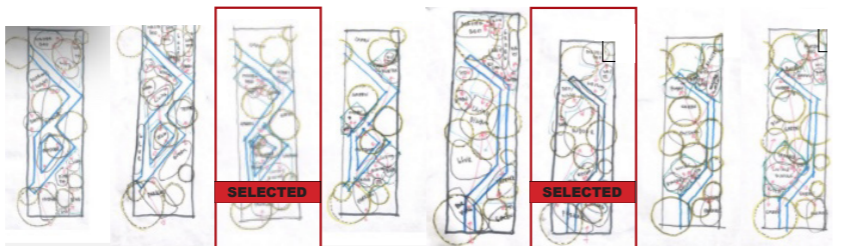
circulation exploration



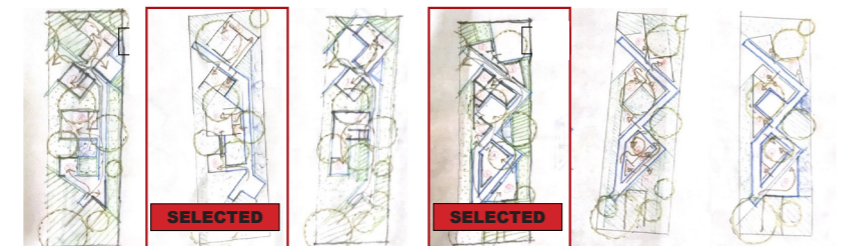
program exploration



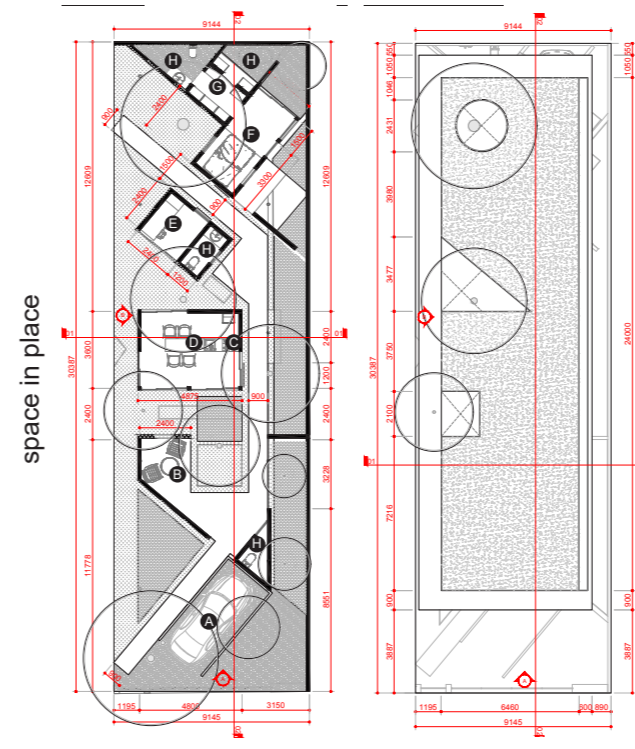
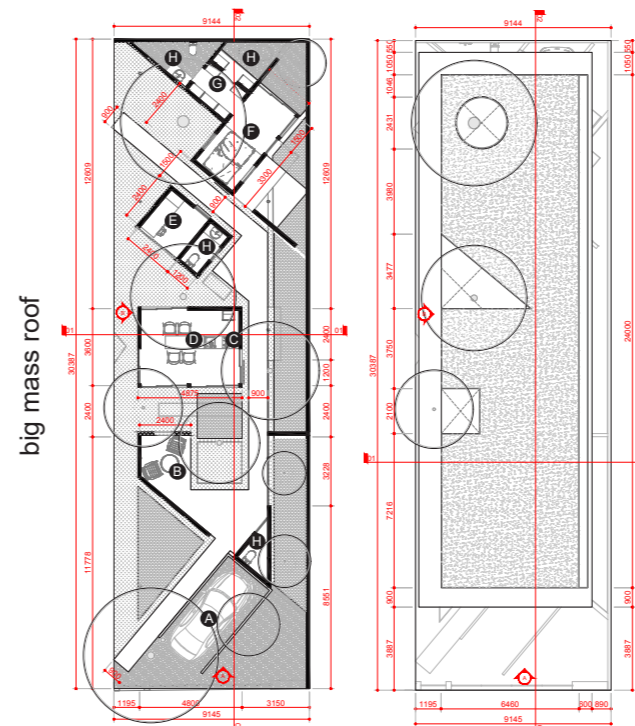
site context exploration



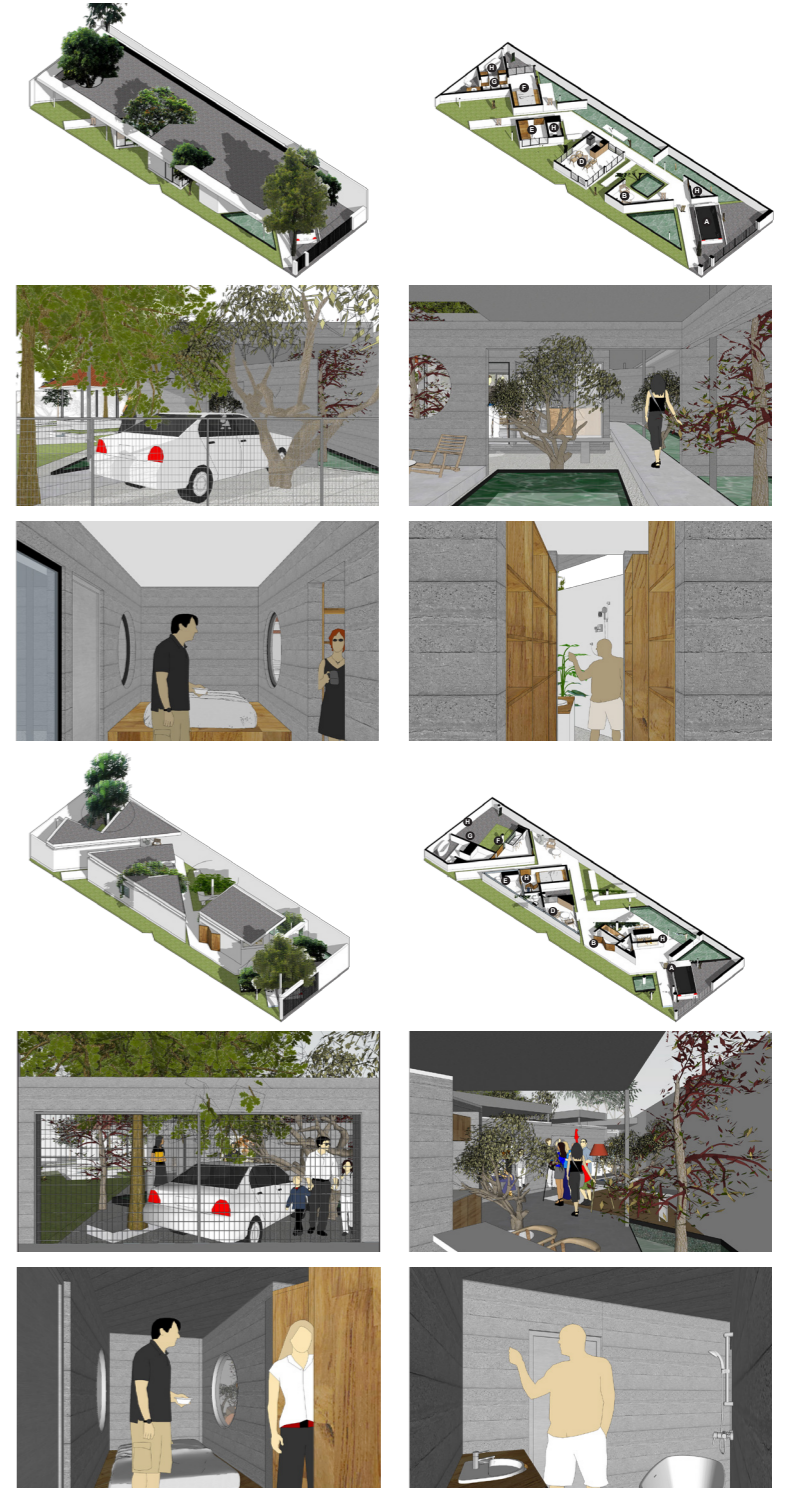
spatial development



proposed floorplan

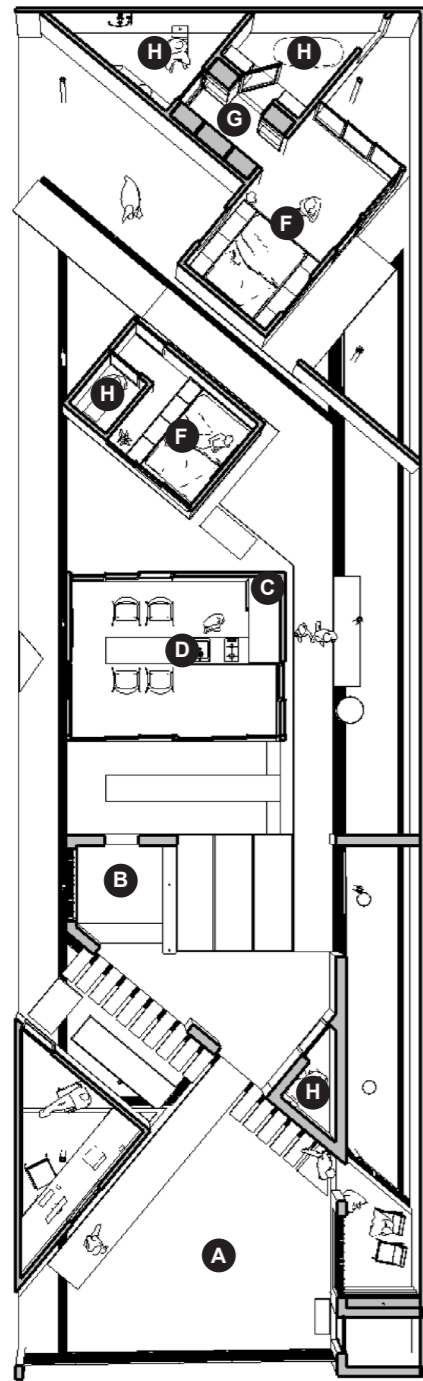


proposed floorplan



**DESIGN
OVERVIEW**

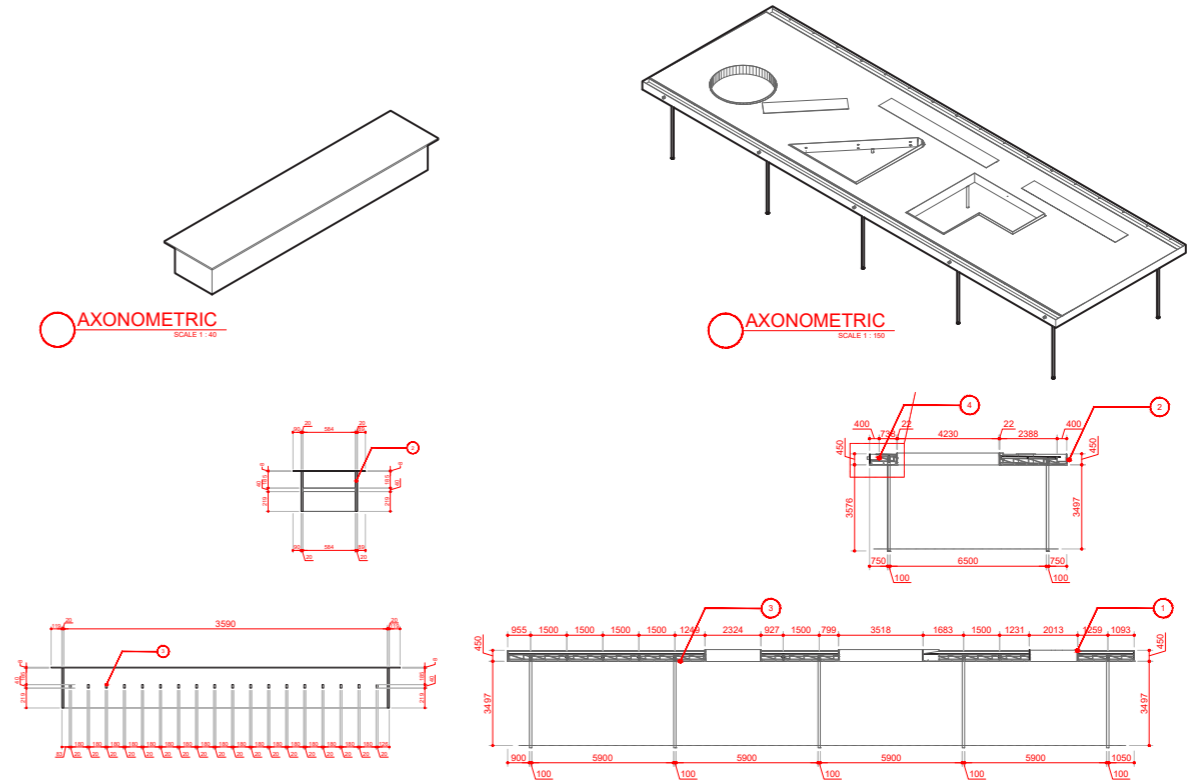
floorplan



legend :

- A** parking
- B** terrace
- C** storage
- D** living/dine/kitchen
- E** hobby/working
- F** bedroom
- G** walk in closet
- H** toilet

detail



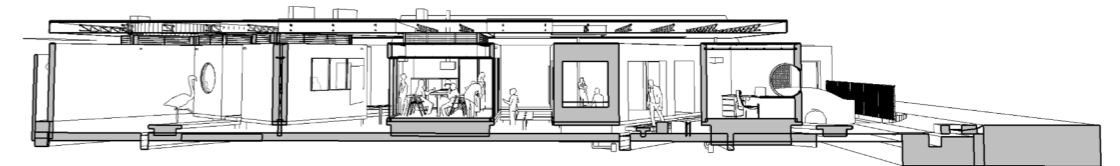
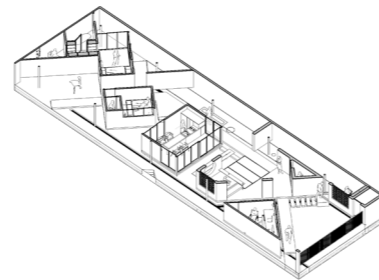
roof and skylight detail

the drawing shows the construction which makes up the massive roof looming over the site below, supported by multiple pilotis

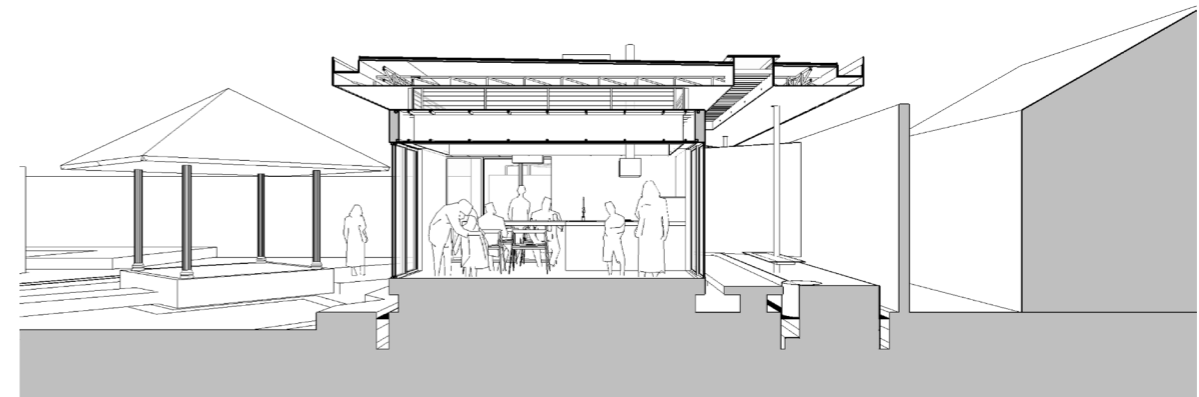
holes and slits decorate the roof surface, which open up the site for light and ventilation access.

axonometric

ground floor
it consists of dynamic corridors which connect the program modules spread around the site



Section that shows various programs and circulation featured in ei habitat



Section that shows alternating elevation which is featured in ei habitat design

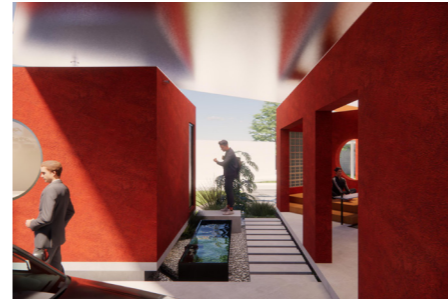
ATTACHMENT



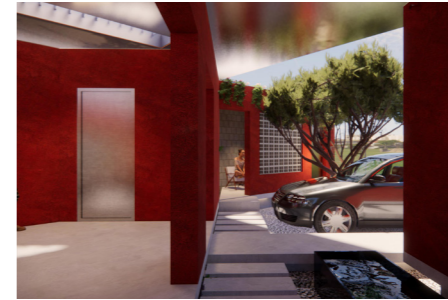
street view of ei residence



view of ei residence from the family house



main pathway into gathering area



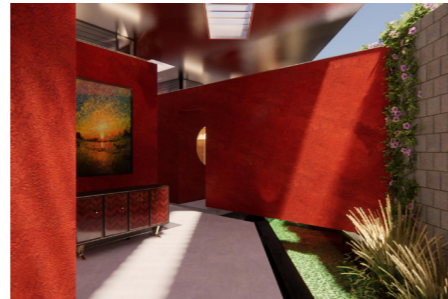
alternate view of the main entrance pathway



gathering area featuring pond and sitting podium



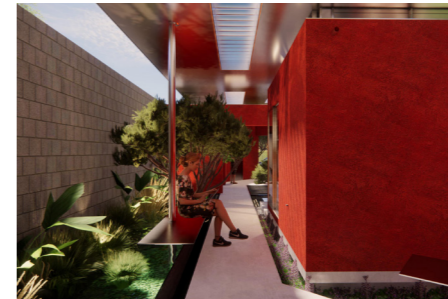
main pathway towards private zone with lush greenery on both sides



gateway towards master bedroom



alternate view of the master bedroom gateway and bedroom



view towards the public area from the private area



reading area view neighbouring the garden



office interior view



kitchen interior view



bedroom interior view



master bedroom interior view decorated with double circular windows



master bathroom interior view