

J RENT HOUSING

Project Year : 2021
Location : Surabaya, Indonesia
Project Type : Commission Project
Project Team : Aryazopa Tjong
Bayu Afif
Fikri Izza
Josua Rio
Rahadito Baskara
Raihan Giri
Ravi Kukuh
Zulfikar Ibrahim

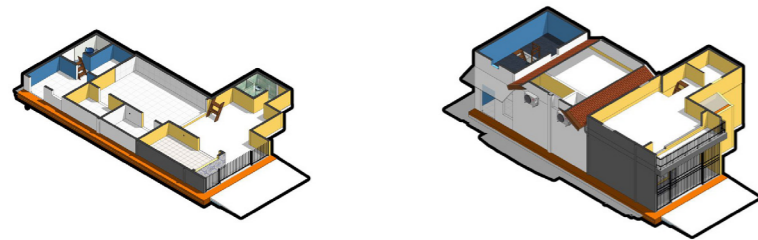
Short Desc. : A two-story office in Surabaya's Jagir District has been transformed into affordable yet comfortable housing targeted towards the middle class working force. The building is divided into five units which offer a desirable compact living space within a healthy environment. The fully furnished units feature an indoor garden with mezzanine bedroom, as well as parking for one motorcycle. The project repurposes vacant property, providing a practical solution to housing needs while fully utilizing the existing structure.

Tags : Residential, Surabaya, Adaptive re-use, Rent housing, Compact house

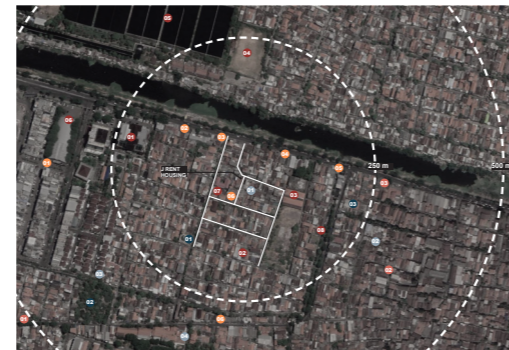


DESIGN WORKFLOW

existing building



project understanding



COMMUNITY	RESIDENTIAL AREA	RELIGIOUS PLACE	WORK PLACES
01. MANJARA PERUMBAH 02. BUKIT BOMBERAY 03. BANGKAY PERUMBAH 04. BANGKAY PERUMBAH 2	05. KAMPUNG PERUMBAH 06. GOLF PUTRA 07. DEKAT KAMPUNG PERUMBAH 08. DEKAT KAMPUNG PERUMBAH 2	09. MASJID BANGKAY PERUMBAH 10. MASJID BANGKAY PERUMBAH 2 11. MASJID BANGKAY PERUMBAH 3 12. MASJID BANGKAY PERUMBAH 4	13. MASJID BANGKAY PERUMBAH 14. MASJID BANGKAY PERUMBAH 2 15. MASJID BANGKAY PERUMBAH 3 16. MASJID BANGKAY PERUMBAH 4

The approach of designing the boarding house by answering several key questions concerning the residential project, which are defining the user, their needs, and what kind of house would fulfil them. Surrounding survey is done to accustom the designer to the context of the area, as well as background checks of the site from notable news and statistic sources. Research is also done to accurately define the concept of home and parameters which differentiate it from similar typologies. The gathered information is then compiled to reinforce the proposed design would be fitting to its context.

building strategy

The final design aims to minimize modifications towards the existing structure while upholding a standard of living which would make the compact house desirable to dwell in. Layout of each units would differ yet building features are kept a constant.

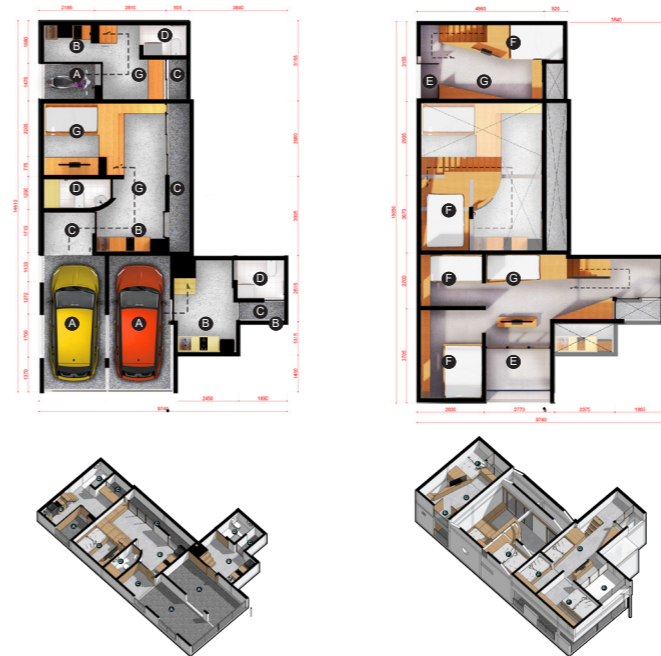
DESIGN EXPLORATION

proposed plan

option 01: apartment concept



option 02: housing concept

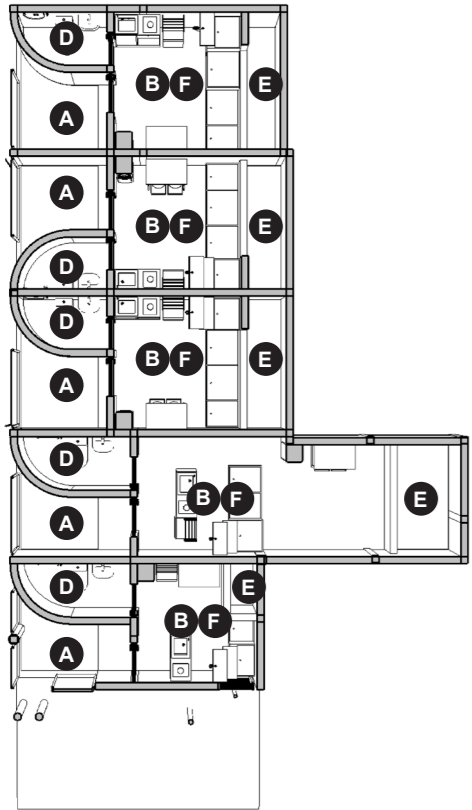


proposed perspective

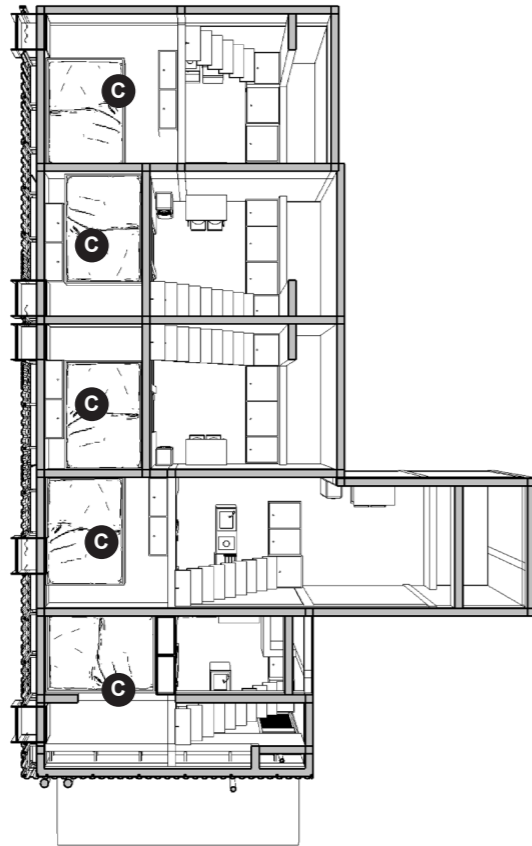


**DESIGN
OVERVIEW**

ground floor plan

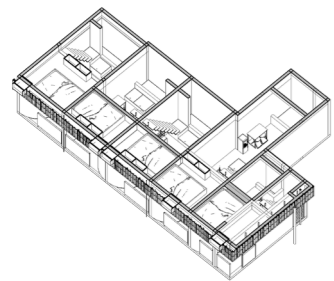


first floor plan

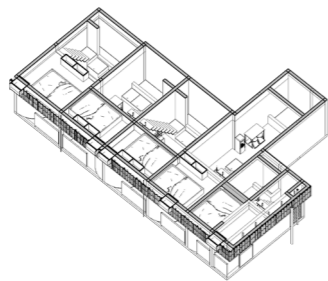


legend :

- A** parking
- B** dining/kitchen
- C** bedroom
- D** toilet
- E** outdoor
- F** living

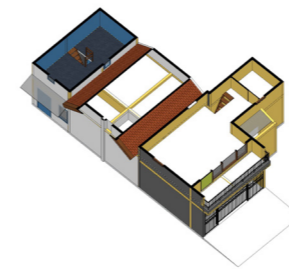


the building is divided into five units each with its own toilet, kitchen, and outdoor features

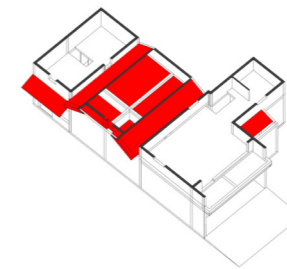


the added mezzanine as the first floor provides privacy barrier for the bedroom

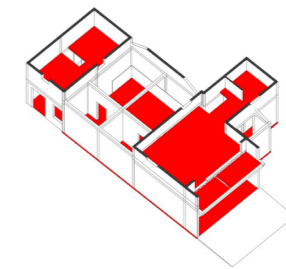
**DESIGN
TRANSFORMATION**



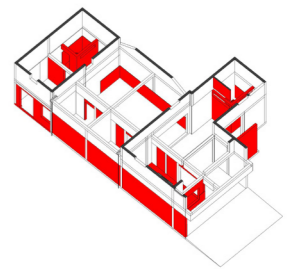
existing building



dismantled roof



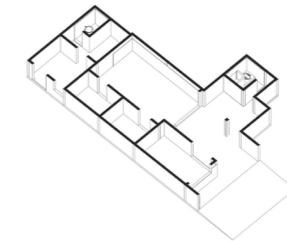
dismantled floor



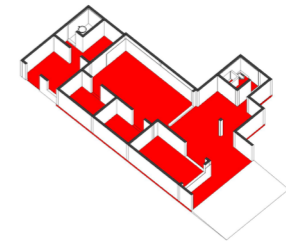
dismantled wall



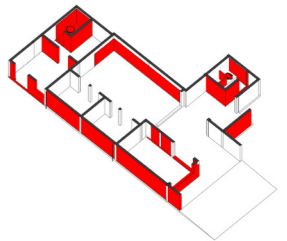
adding wall



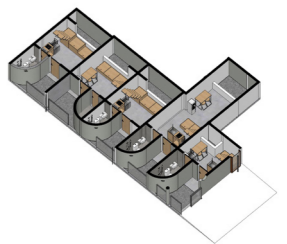
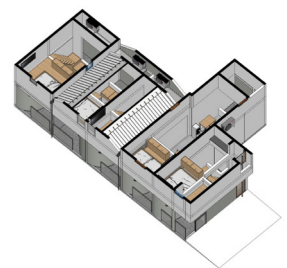
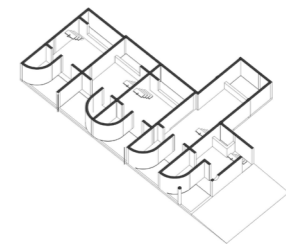
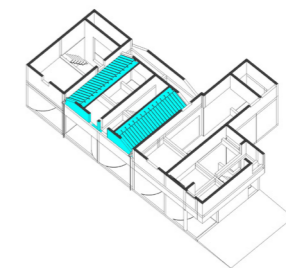
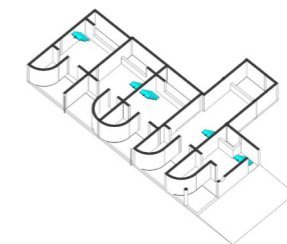
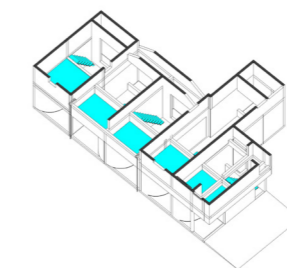
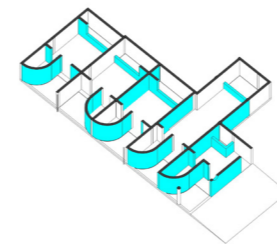
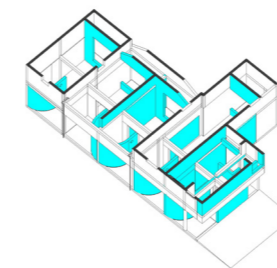
adding deck



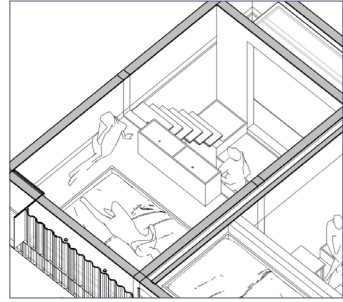
adding new roof



inject appliance and furnishing



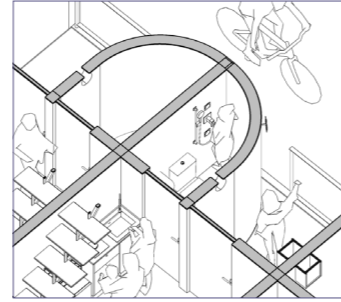
ACTIVITIES OVERVIEW



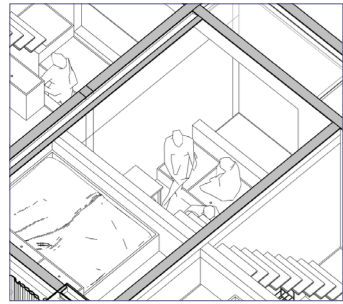
01 resting in bedroom



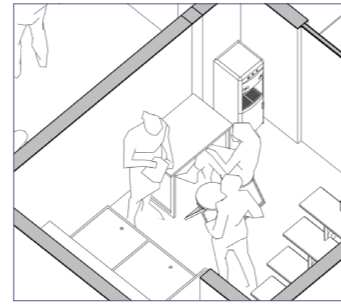
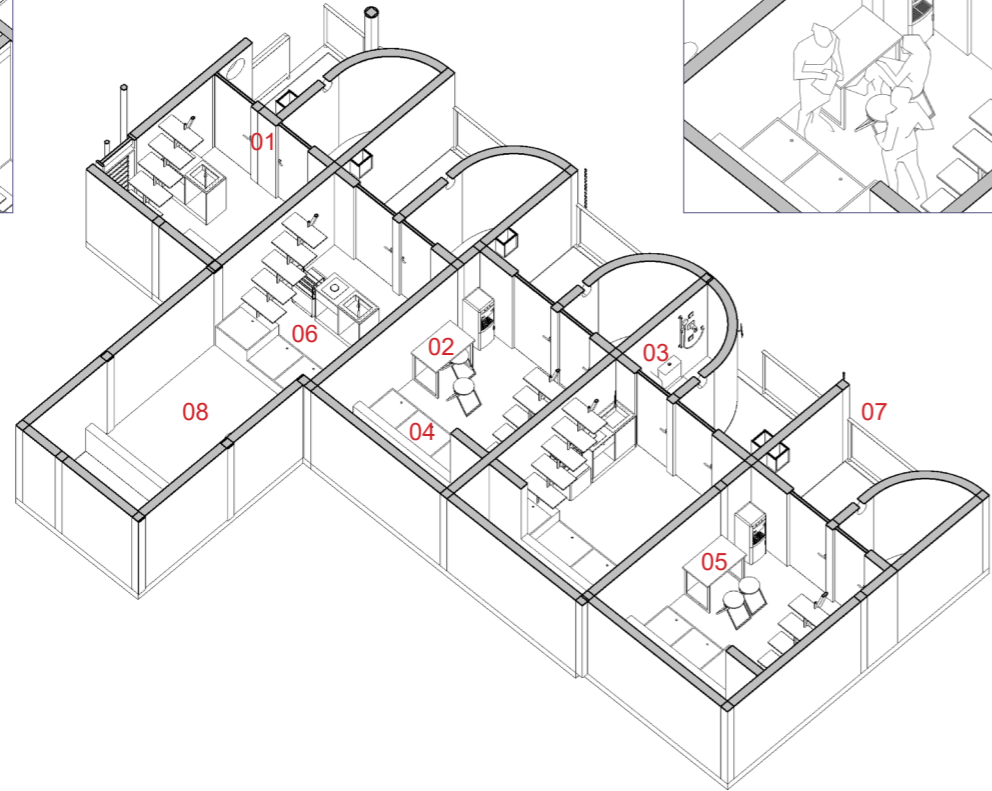
02 working in living room



03 taking a bath



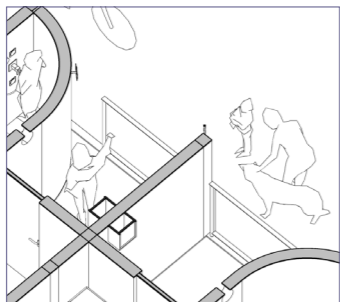
04 hosting a gathering



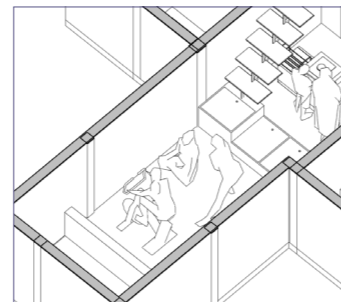
05 eating together



06 cooking in the kitchen



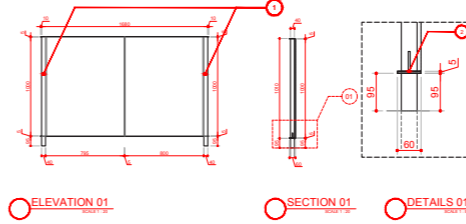
07 baby-sitting



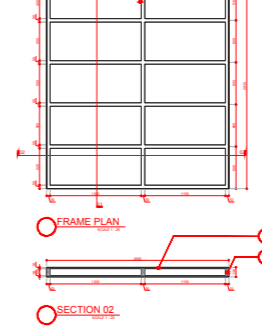
08 working out

DETAIL OVERVIEW

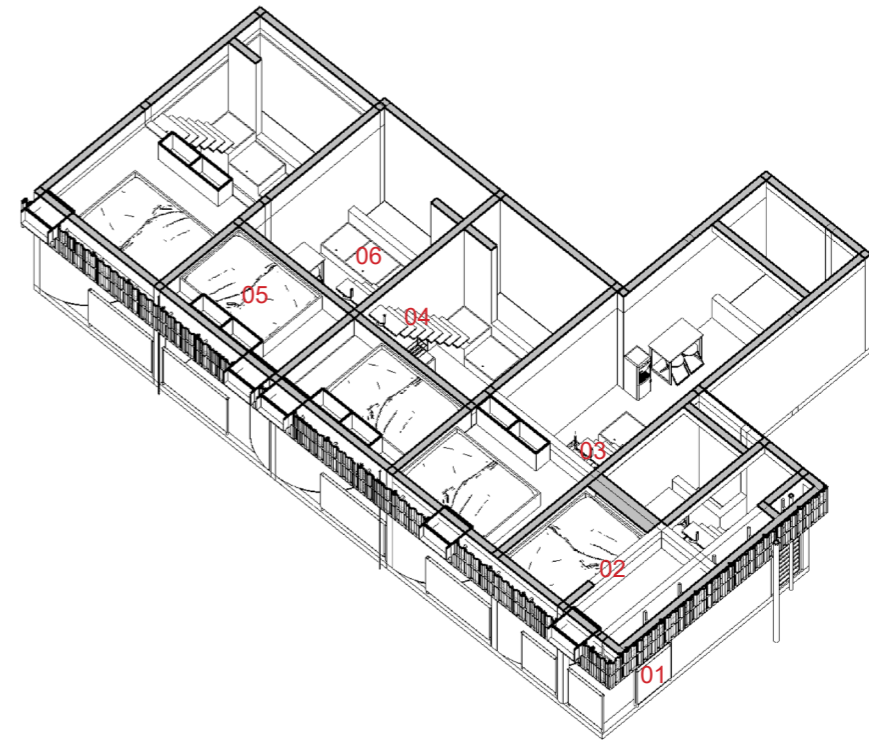
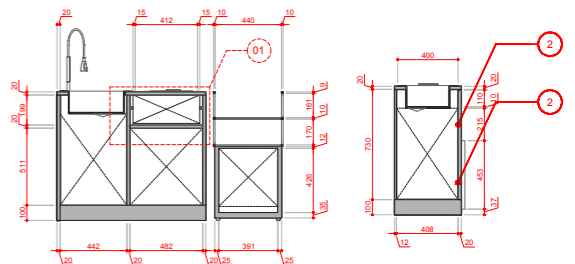
01



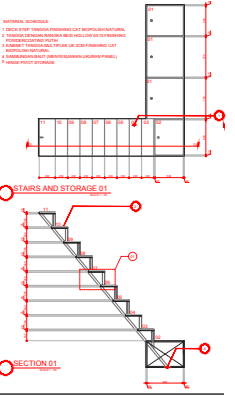
02



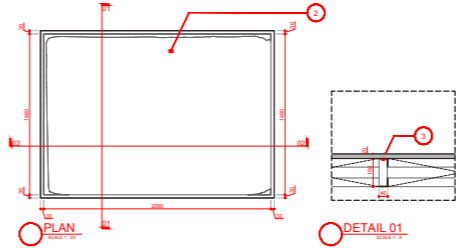
03



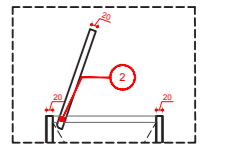
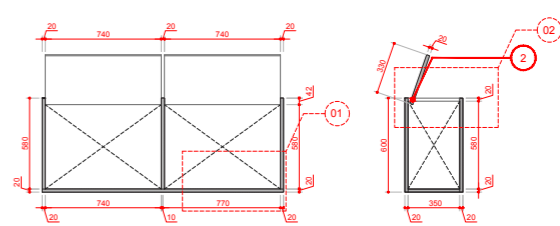
04



05



06



ATTACHMENT



the j rent housing is located among the alleys of Jagir District, thus access to units are placed on the side of the build-



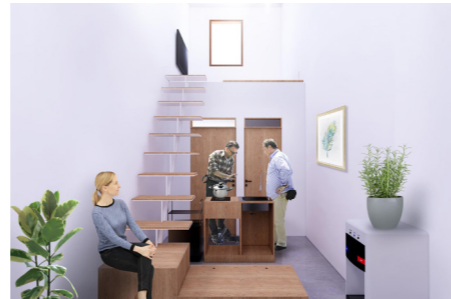
j rent housing facade from street view



the outermost unit living area featuring front windows and skylight



bedroom of the outermost unit featuring skylight



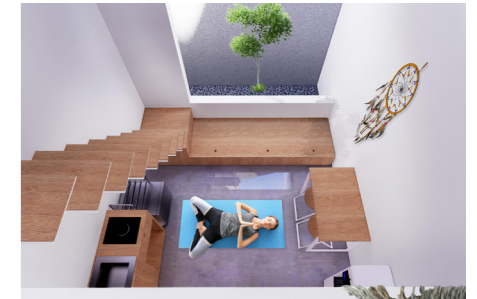
second unit which is more compact, featuring a mezzanine bedroom above the entrance



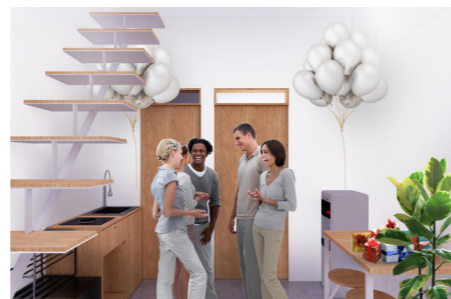
mezzanine bedroom close up featuring double beds and television



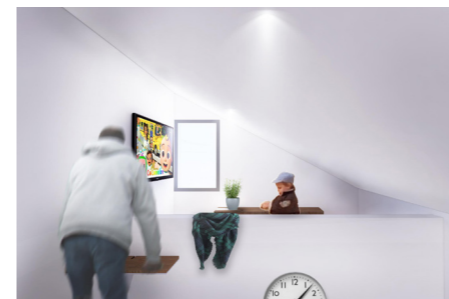
each units are fitted with indoor gardens equipped with skylight to allow physical activities and make space livelier



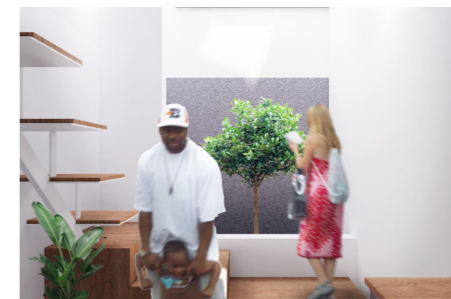
the living area, equipped with kitchen and compartments, is spacy enough to enable exercise



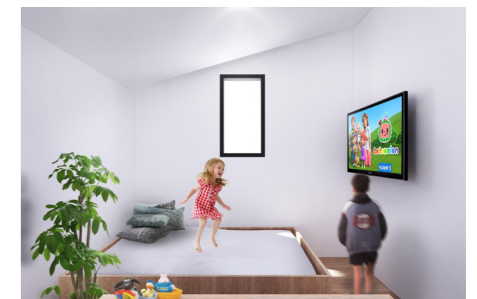
holding small gatherings are possible within the unit



third and fourth units feature a more intimate bedroom with slanted roof



j rent housing aims to target young families which keep up with hustle culture of Surabaya city



children having fun within the space of j rent housing mezzanine bedrooms