

KAPITBAHAY

BUILDING A FAMILY WITH THE COMMUNITY

DESIGN CONCEPT

"DEVELOPMENT THROUGH SOCIAL ECOLOGICAL THEORY"



SELF

Bedroom and bathroom spaces with sufficient space for work and relaxation are provided.



FAMILY

An open plan living, dining, and kitchen area is enough to families of about 5 people.



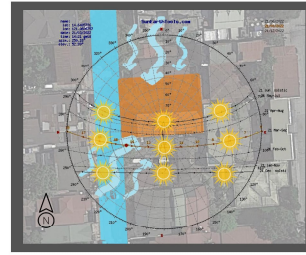
COMMUNITY

Communal areas like the yard and the vertical garden allows interaction within residents and the community.



Design Problem. The community plays an essential role to building a family. However, there can be difficulty adapting to a new set of people. Besides this, the increasing density of the area causes the lack of greenery, views, and communal spaces.

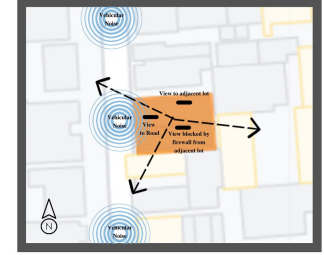
SITE ANALYSIS



Microclimate



Location & Site Features



Sensory



Residents

Public Transportation Providers

Neighborhood Context

SWOT ANALYSIS

STRENGTH

- **Flat terrain:** The site has a generally flat slope.
- **Trees:** There are existing trees on the left side of the site from the road. The avocado tree within the site must also be noted.
- **Regular Lot:** The shape of the lot allows for maximization of the site.

WEAKNESS

- **Hazards:** The site is susceptible to hazards like ground shaking and flooding.
- **Poor Ventilation:** This is due to the density of the area and how adjacent residences are almost near each other.
- **Views:** There are no notable views from the site.

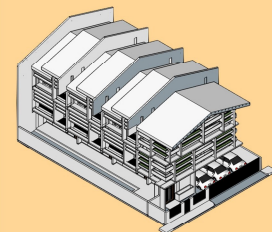
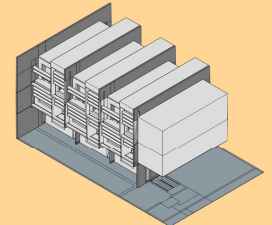
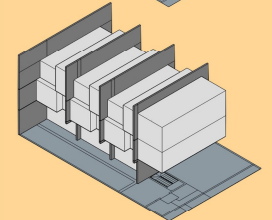
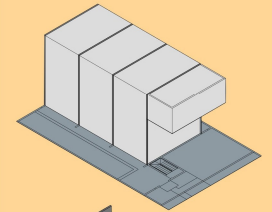
OPPORTUNITY

- **Tricycle:** There is existing public transportation around the area.
- **UP Campus:** An educational institution is just a tricycle ride away from the site.

THREAT

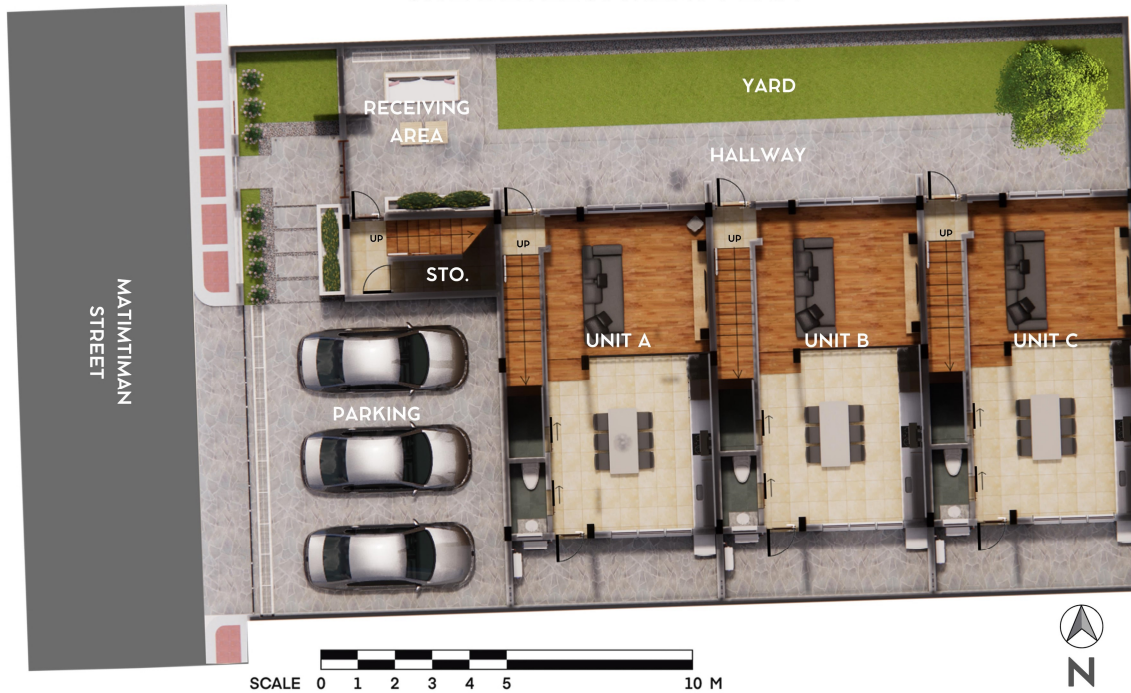
- **Maginhawa:** Shop keepers and customers from Maginhawa can access the site which may be a problem with regard to privacy and safety.
- **Noise:** Vehicular noise may be prevalent on the front of the site.
- **Density:** There is an increasing density within the area.

FORM PROGRESSION



Schematics

SITE DEVELOPMENT PLAN



Approach View from the site



Yard and Hallway

2ND FLOOR PLAN OF BUILDING



3RD FLOOR PLAN OF BUILDING



Vertical Garden