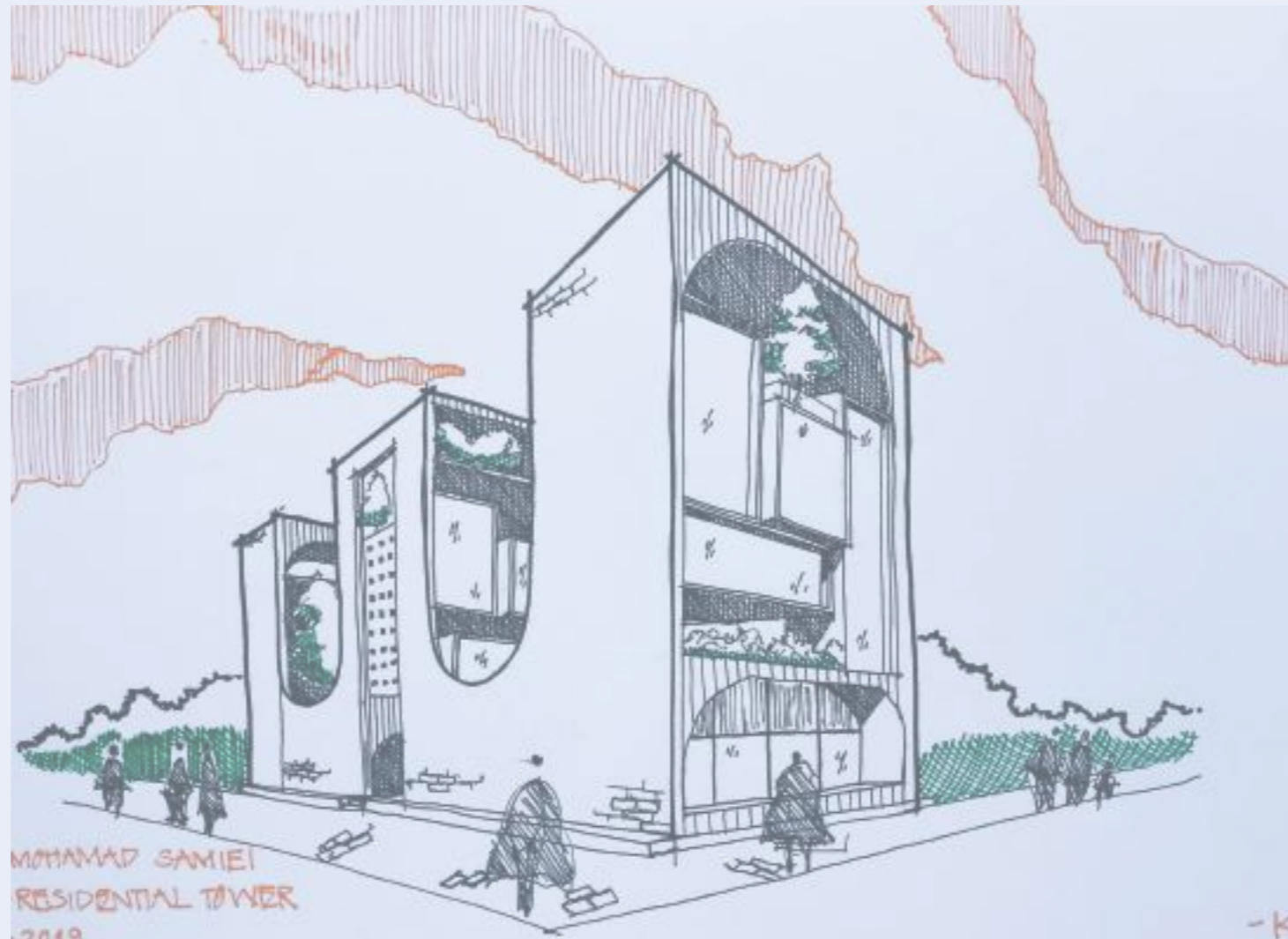


P O R T F O L I O



kabi stacy



Kabi Stacy

Hello! I am an architecture student currently studying for my degree.

After having gone through the diploma for architecture, i have gained more knowledge about design, its influence on users and environment too.

This portfolio contains works both scholar and work that portray my experiences well.

Tel. no.: +254 701831798

Email: stacykabi@gmail.com

TABLE OF CONTENTS

01

pg. 1-4

HIGHRISE

A mixed use development project for Upperhill.

02

pg. 5-6

E-COMMERCE WAREHOUSE

A warehouse designed with thermal comfort and farmers in mind.

03

pg. 7-8

THE FLOATING RESTAURANT

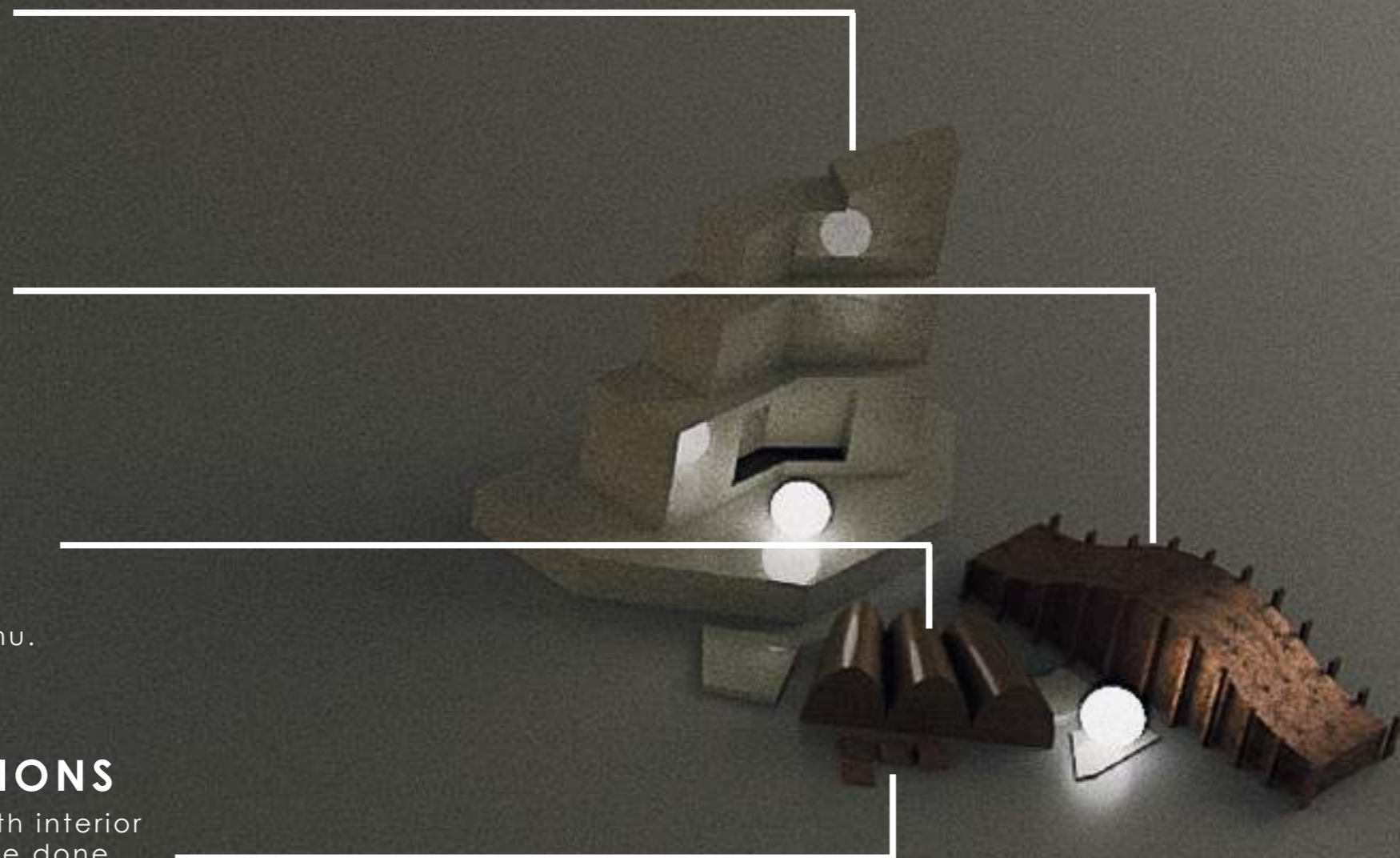
Designed as part of a coastal lodging in Kisumu.

04

pg. 9-10

3D VISUALIZATIONS

Selected works from both interior and exterior works I have done.



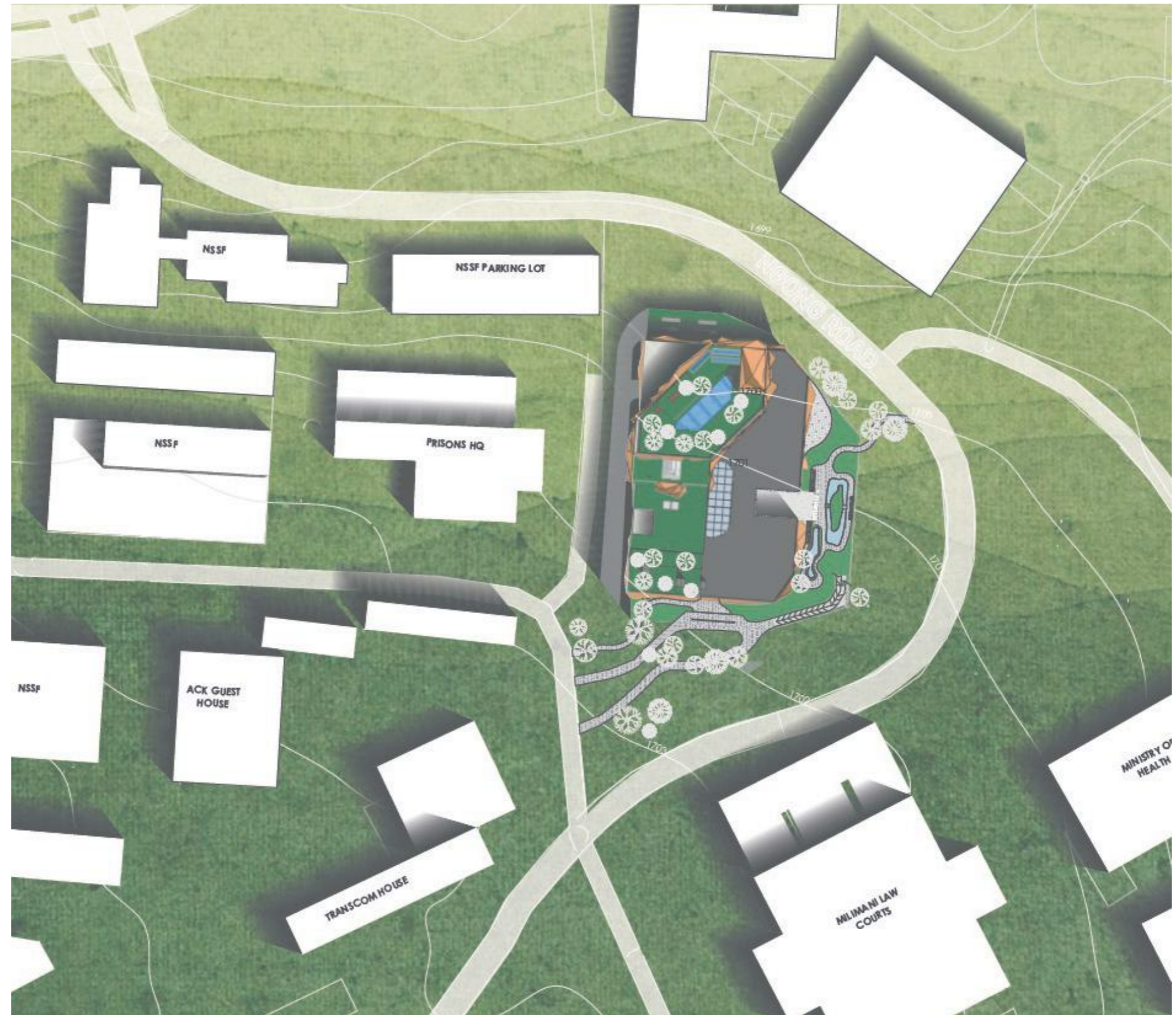
HIGHRISE

Location: Upperhill, Nairobi
Year: 2022
Individual.

Highrise is a proposed mixed use development to be located in Upperhill right opposite Milimani courts.

The purpose of the project was to design a structure that had various functions in one while applying the principles of new urbanism.

The principles applied were sustainability, mixed housing and walkability.



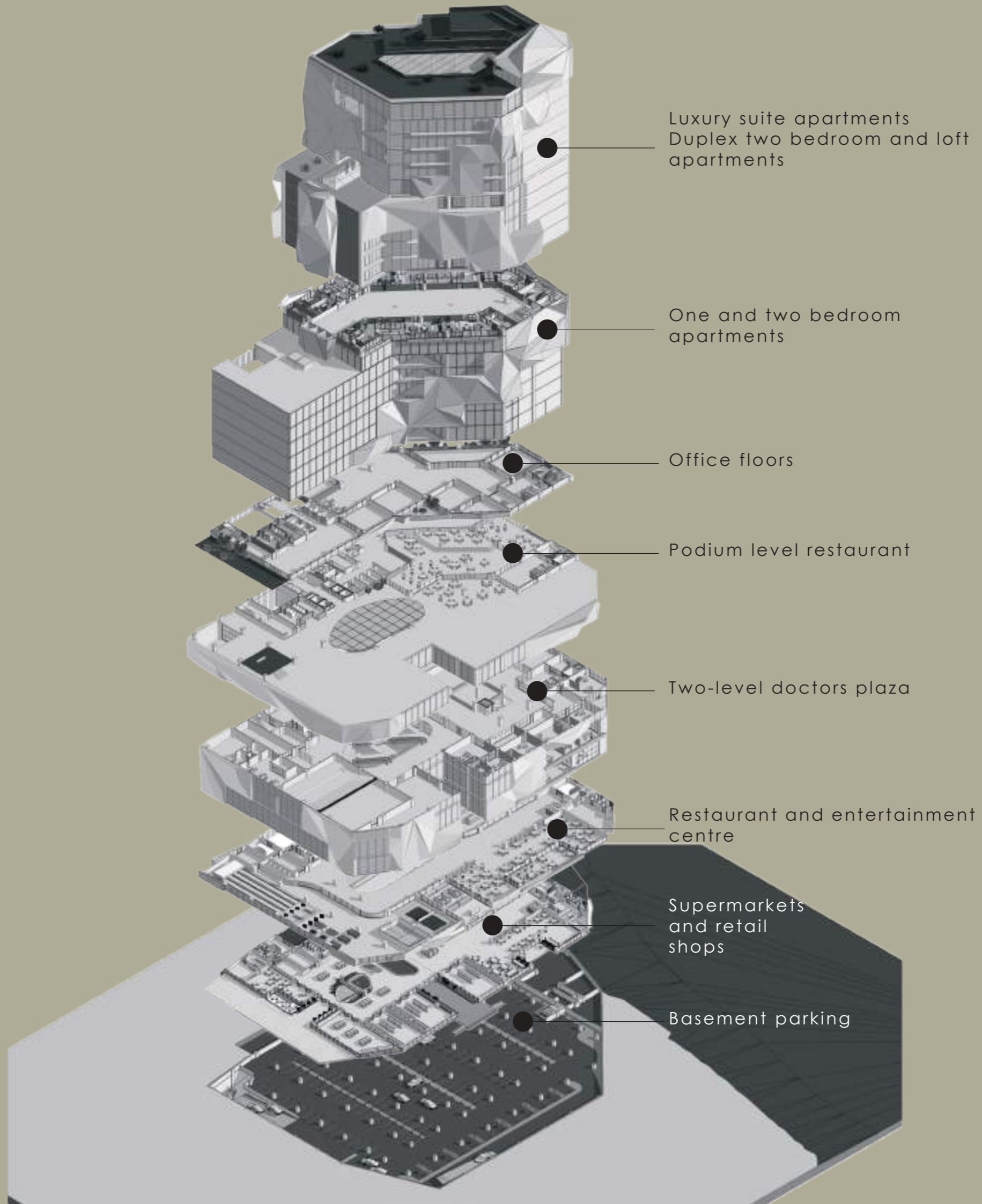
The podium is comprised of 5 floors including retail stores, cafeterias and restaurants, theatres and cinema halls, religious centre, a two-floor doctors plaza, banking services and an entertainment floor.

The facade is designed using perforated corten steel. This is to mitigate heat gain from the Western sun while still giving the occupants visual continuity.

As for the exterior, greenery and water pools are included to create a cool humid breeze that helps against the hot and dry summer weather.



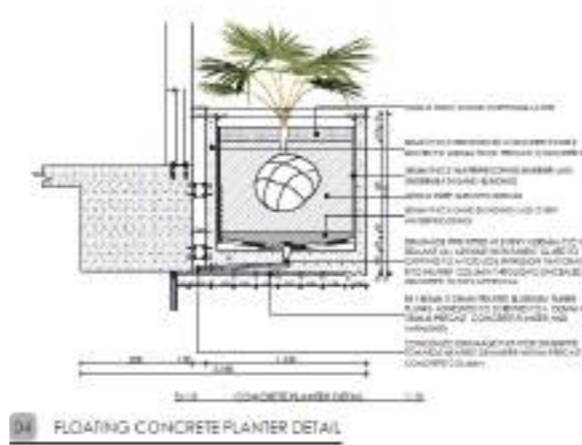
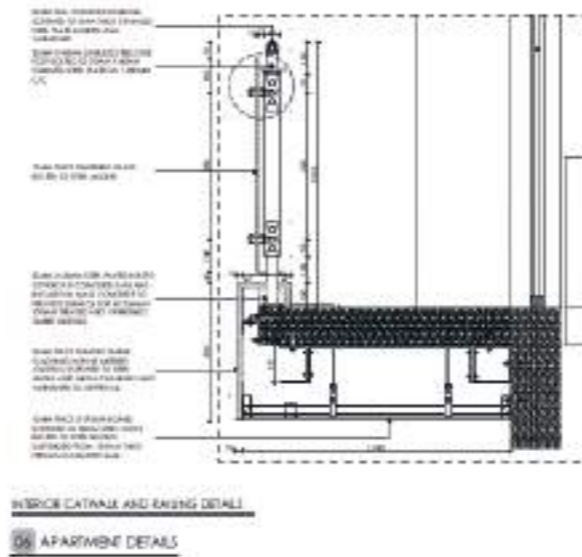
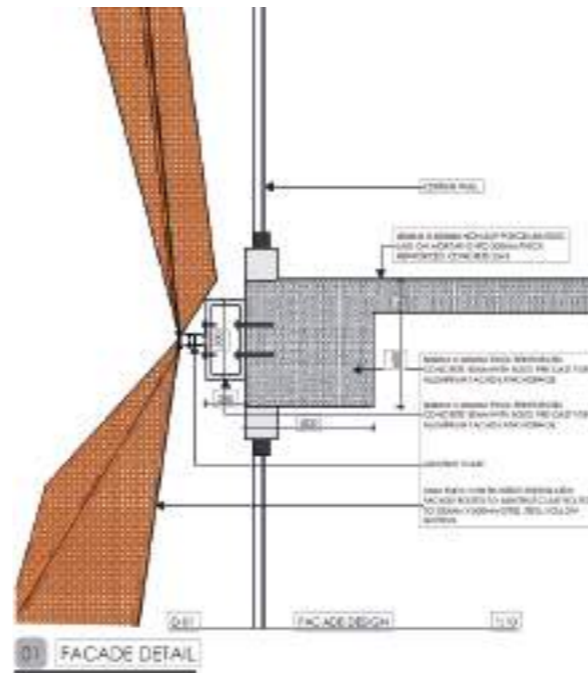
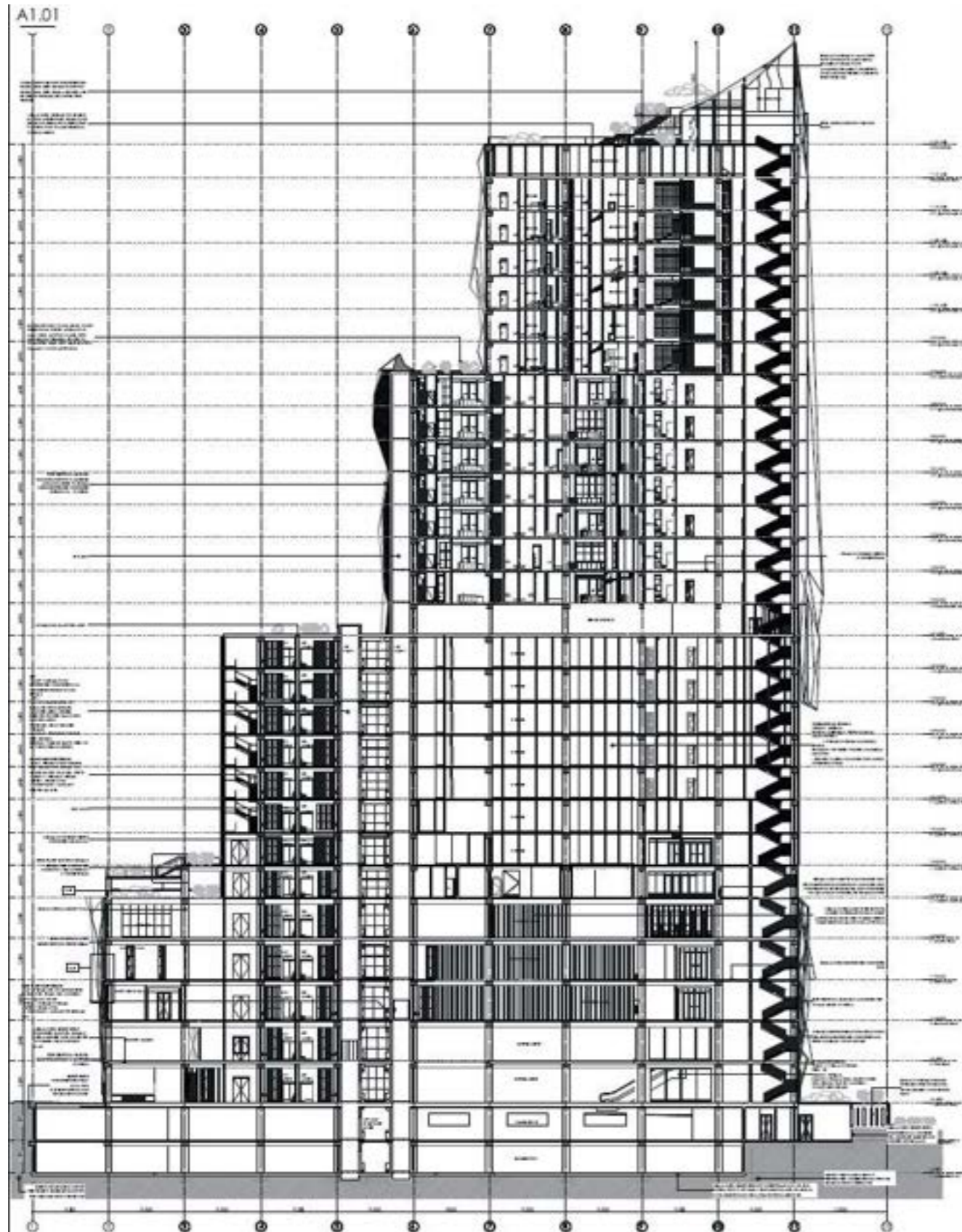
COMMERCIAL OFFICES RESIDENTIAL



The structure is 29 floors high, excluding 2 basement parking floors, and the tiered rooftop terraces. It is complete with 2 sets of elevators with one set for commercial and official use

while the other set is residential use. There are two fire escapes, one located on the extreme right while the other is right next to the lifts. Within the podium,

a large atrium ensures proper daylighting and ventilation throughout the spaces.



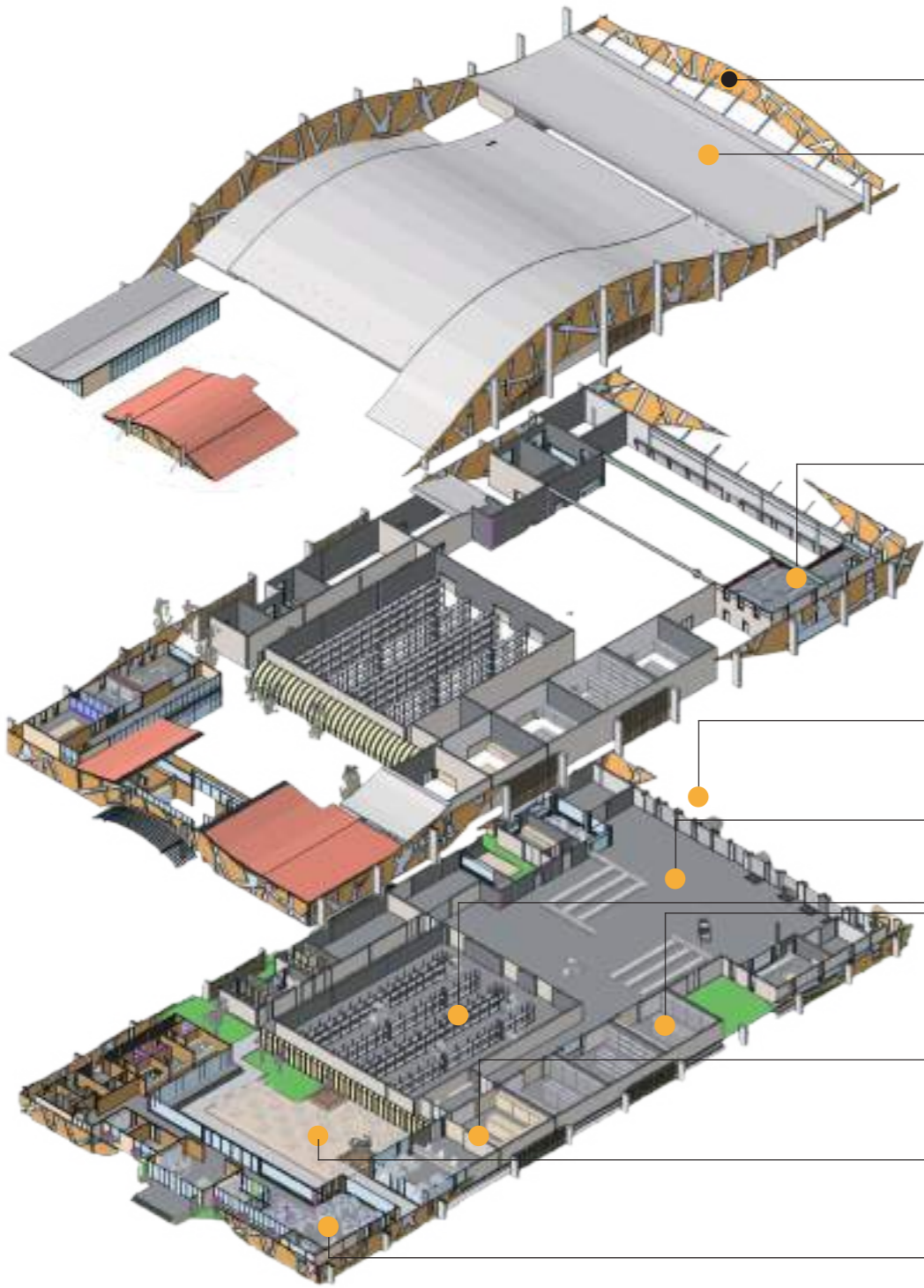
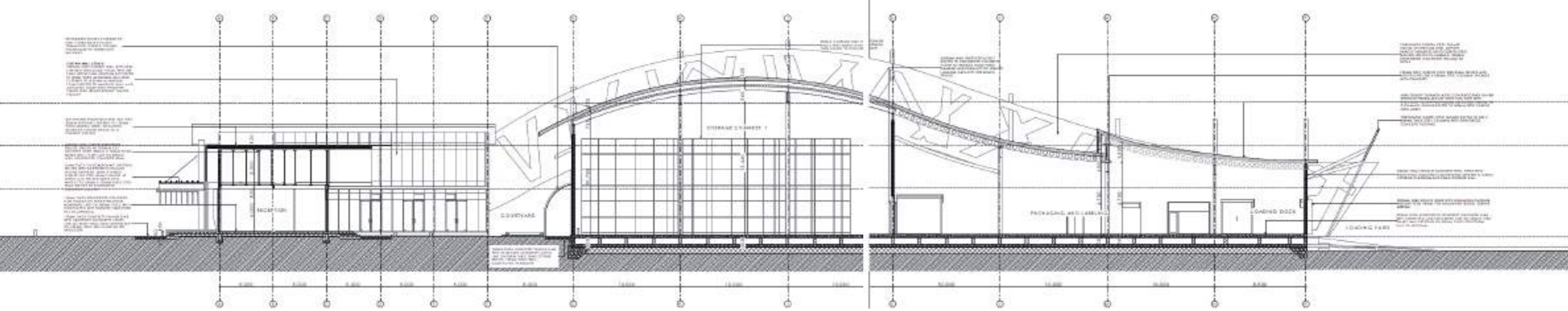
E-COMMERCE WAREHOUSE

Location: Ngoingwa, Thika
Year: 2022
Individual.

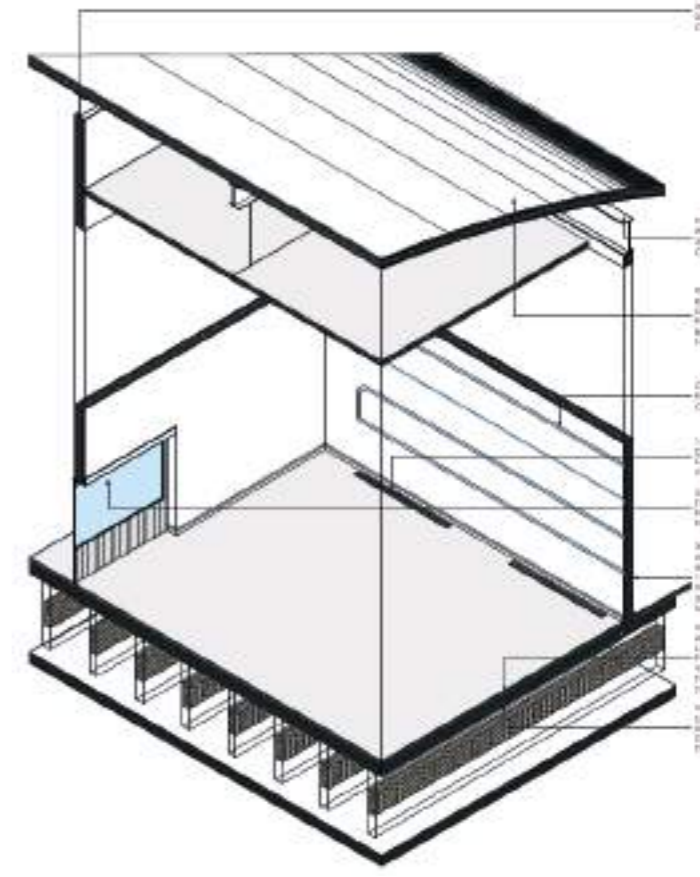
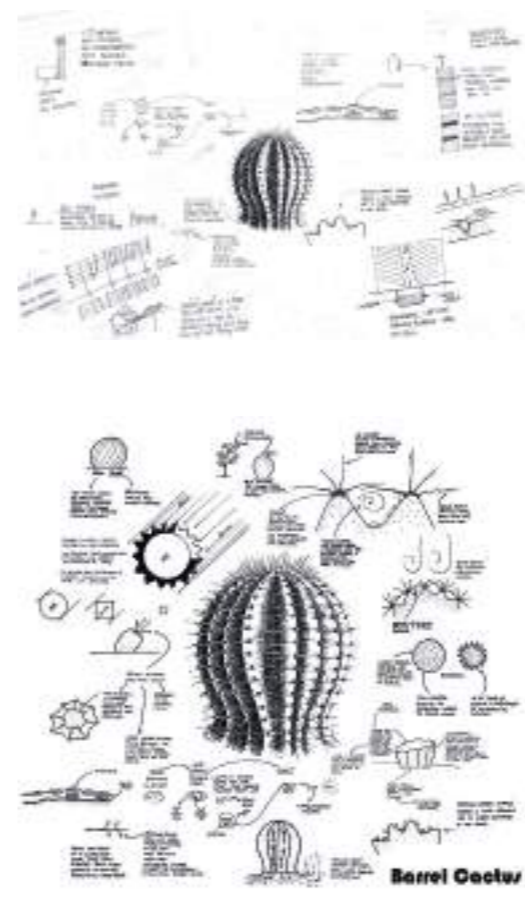
The project was a design solution to the following problem statement 'Influence of materials and construction technology on thermal comfort'.

For this, a cold warehouse was chosen to show how the workers will stay warm while storing agricultural produce from the farmers around and from Thika.





- Perforated corten steel facade
- High density thermoplastic covering
- Workstations
- Loading and offloading zone
- Sorting and packaging area
- Storage
- Sales and pick-up
- Outdoor cafeteria / waiting area
- Administration



THE FLOATING RESTAURANT

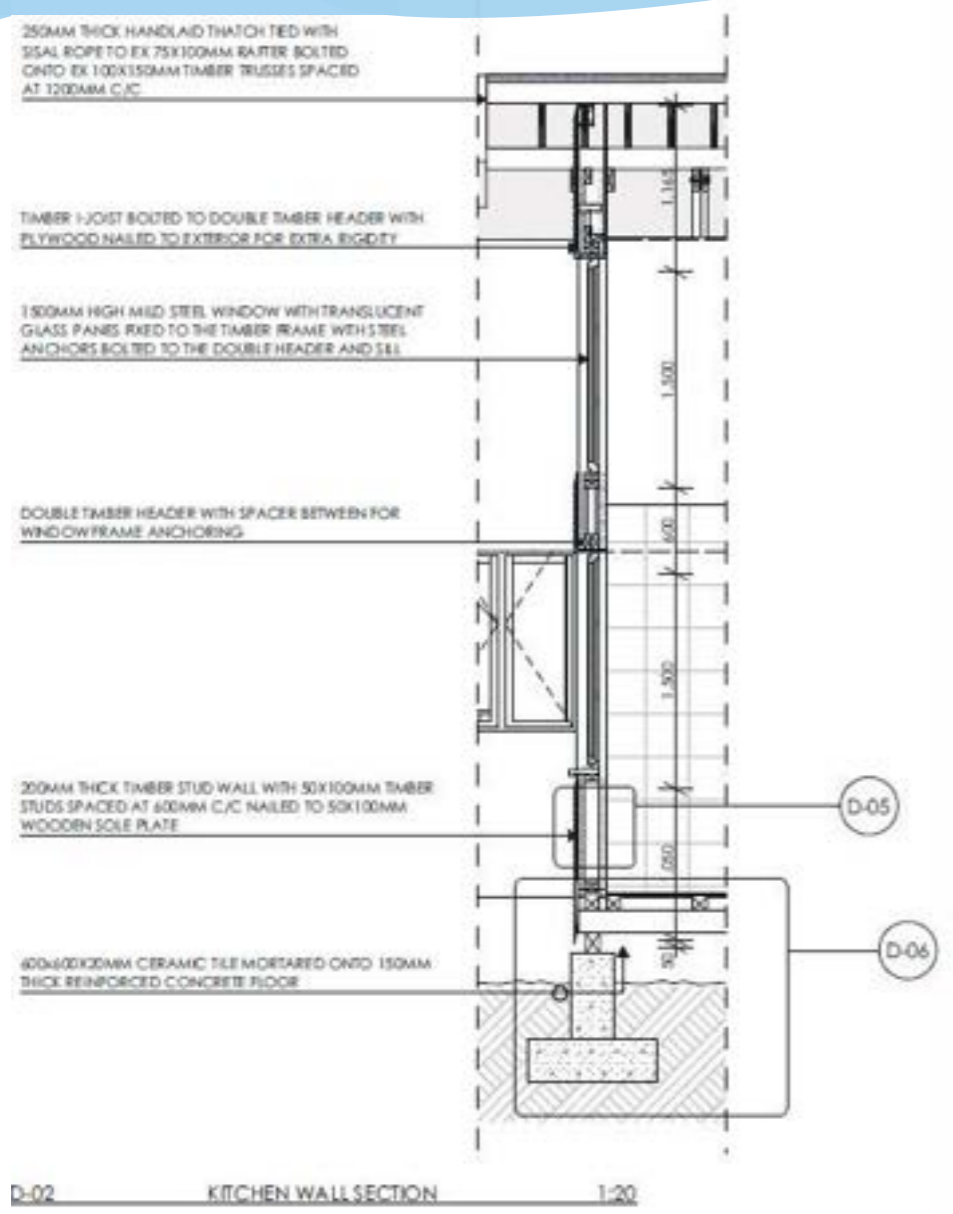
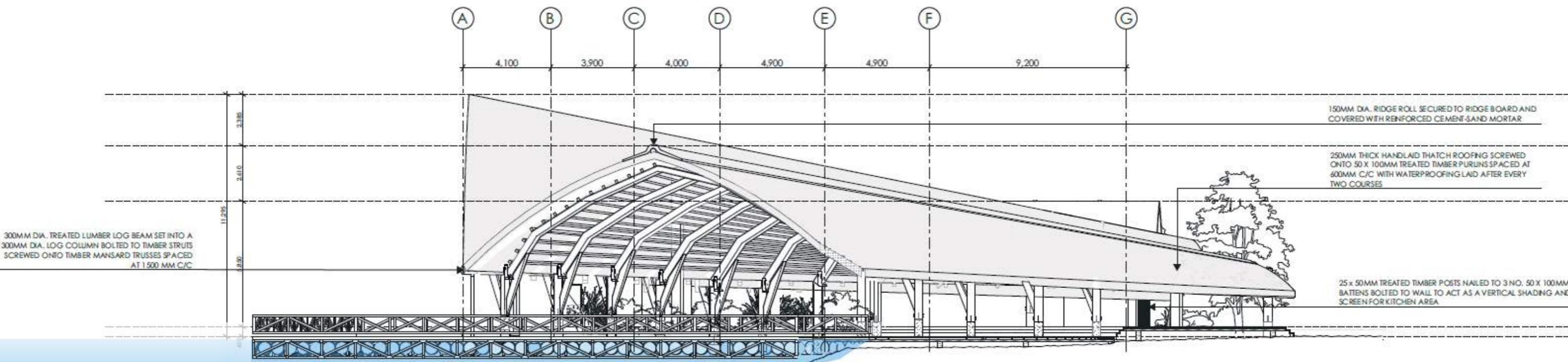
Location: Kisumu
Year: 2021
Individual.

This project involved designing a recreational hotel which required the designer to choose a main space to focus on, I settled on the restaurant.

Made with timber poles, vaulted timber beams and thatch roofing, the restaurant boasts of indoor ponds giving a glimpse of the lake. Furthermore, a platform floats right off the edge allowing visitors to interact directly with wildlife without hurting them.

7





Due to the height of the curved beams, steel has to be used in all of the connections to ensure the structure remains sturdy and gives a continuous view.

Furthermore, since the whole structure is timber, including the kitchen, it has

to be placed on stilts to keep the wooden platform dry.

Thatching has been used as it is locally available as is the timber. It has also been made waterproof and designed with concealed gutters.





3D VISUALIZATIONS

EXTERIOR WORKS





There are a variety of spaces within a structure, these are some I felt would show the simplicity of rendered images.

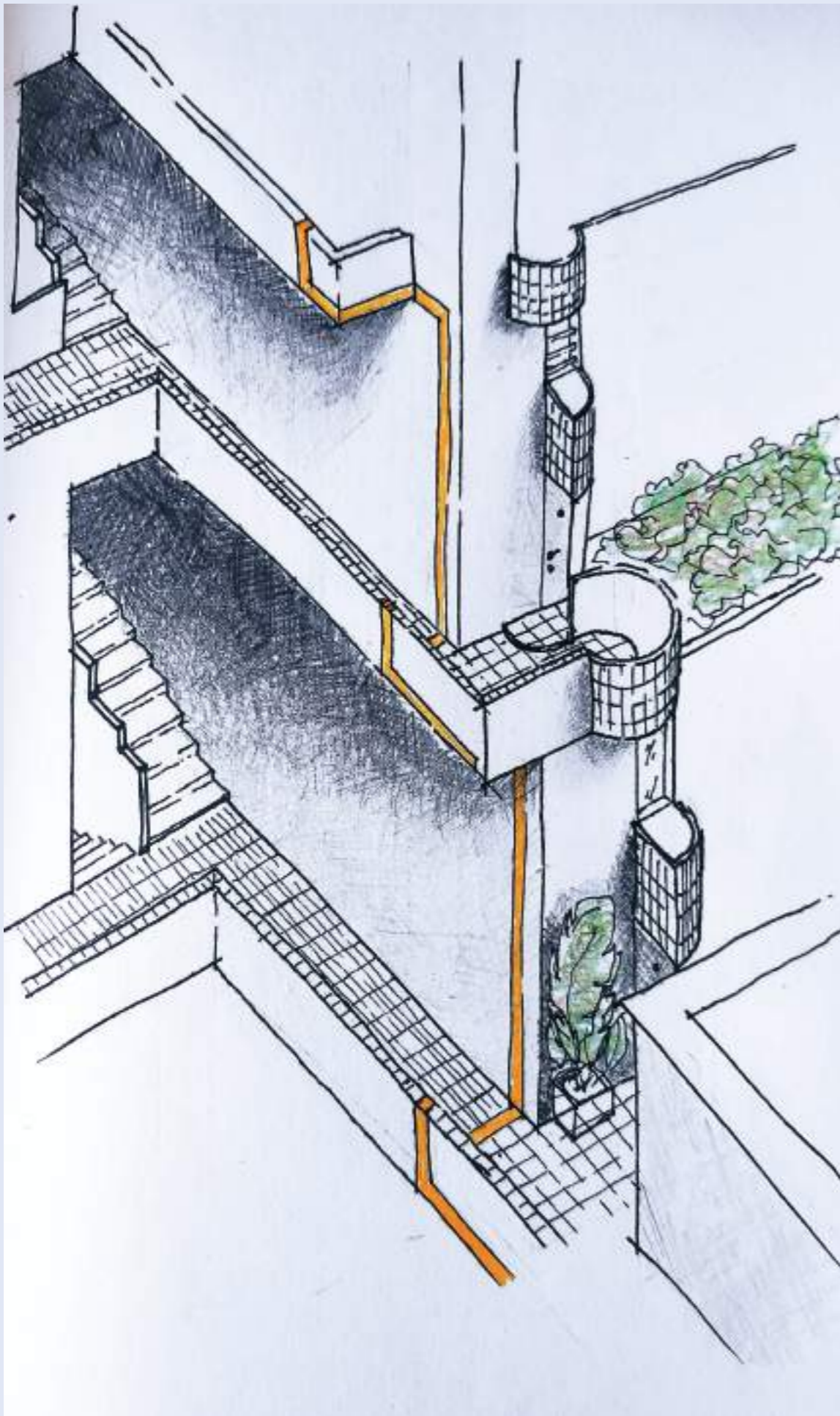
Since the inside is where the user spends most of their time, comfort is key.



This could be achieved through fabrics, upholstery and furnishings, wall and window treatment.

These are some of my interpretations for interior spaces.





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kabi stacy

Tel. no.: +254 701831798
Email: stacykabi@gmail.com