



ARCHITECTURE PORTFOLIO

Aden Saitabau Kumary

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I'm a Graduate Architect with Medium level experience looking to broaden my experience and skills.

I'm equipped with knowledge in the field of Architecture,Interior design and Landscape architecture. I can handle a project from the Inception/concept stage to production of detail drawings.

I'm looking for a position where my knowledge and skills will be an asset to the organization, whilst exposing me to the industry and furthering my experience especially on how to run and manage Architectural projects. I'm an enthusiastic and competent individual with strong work ethics and integrity.

Personal Information

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@kiungakumary



Aden saitabau kumary

Career Objectives

To work in a challenging environment that will foster growth of both skills and knowledge. To grow into a dependable individual with capacity, who's qualifications and aptitude will be an asset to the organization and help in the achievement of the organization's goals and visions.

Education

2017 - 2019

University of Nairobi
Bachelor of Architecture

2013 - 2016

University of Nairobi
Bachelor of Architectural studies

2011 - 2013

Kenya Institute of Highways & Building Technology
Higher Diploma in Structural Engineering

2008 - 2010

Kabete National Polytechnic
Diploma in Architecture

2003- 2006

Ilkisonko Boys High school
Kenya Certificate of Secondary Education

1995- 2002

D.E.B Primary School Oloitokitok
Kenya Certificate of Primary Education



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School projects

- Kajiado west Technical Training college
- The River Front (MUD in downtown Nrb)
- Low cost Housing- Kariakor,Nairobi
- Malindi Tourist Terminal
- Architecture school



Internship projects

- National Assembly & County Hall
- Kenya Insitute of supplies & management
- Kiambu traders market
- Community Centre
- Ngong Road Apartments



Private Commissions

- Oldonyo Oibor Sacco Hotel
- Mashua Business Complex
- Leonard Mpaayo Residence
- Maxwel Kimeu Residence
- Odeke kirapa residence



Architectural Visualization

- Arch.Collins Atego Town houses
- Naomi Wangari
- Reagan Wege
- Julius Mburu

table of content



Interior design projects

I have carried out several interior design projects from Small Residential Projects to Office interior designs

- Kenya Institute of supplies & management (Ngong road)
- Shilpa Choudari Villa Residence (Gachibowli, India)
- Arch Collins Atego Town Houses

SCHOOL PROJECTS



5th



6th



4th

Dissertation Project :Kajiado west Technical & vocational college

PROJECT BACKGROUND

For significant economic growth a country has to invest in human development. A prudent government assigns priority to human development in its policy formulation. One of the important component in HD is the technical vocational education and training (TVET).

TVET refers to education and training that prepares you for employment. In 2013 Kenya established the Technical and Vocation Training Act, to provide for establishment of technical and vocational education training system and to provide governance and management of institutions offering technical and vocational training.

Vision 2030, the country's development blue print, aims to transform Kenya into a newly industrializing "middle income economy by the year 2030. To Meet this target Kenya must avail a work force that is highly skilled, creative and innovative. TVET is recognized to play a major role in the preparation of such man power.

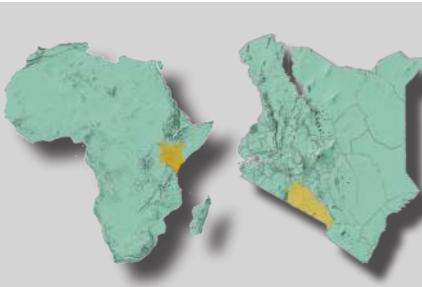
With the introduction of the Act in 2013, the government has shifted its focus on building and equipping new technical schools that conforms to international standards, infrastructural development that is a prerequisite for development of this skills.

PROJECT BRIEF

Design of a technical training college, one of its kind in Kajiado West, and fully equip it with proper equipment necessary for dissemination of skills that meets the demands of the job market. The college is going to be a spring board for the country's vision 2030, in recent times the government has identified 4 pillars that will catalyze growth this are Affordable Housing, Manufacturing, Food security and universal health care, for attainment and realization of this targets skilled man power is a prerequisite, thus provision of infrastructure where attainment of necessary skills needed to fuel the above mentioned sector is of much importance.

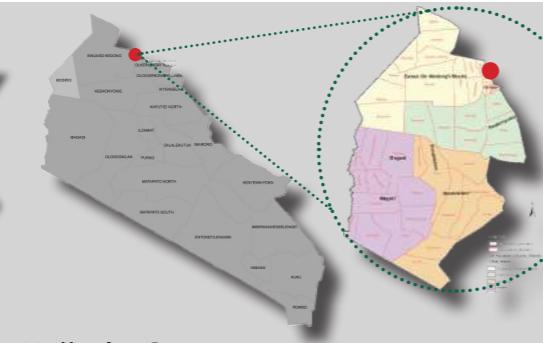


Kajiado west Technical & vocational college|Dissertation Project



Africa

Kenya



Kajiado County

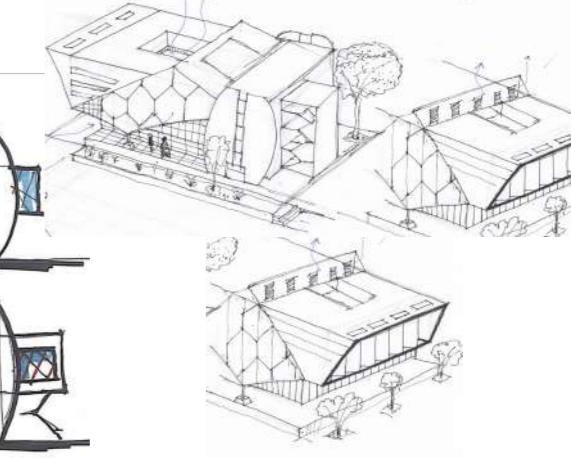
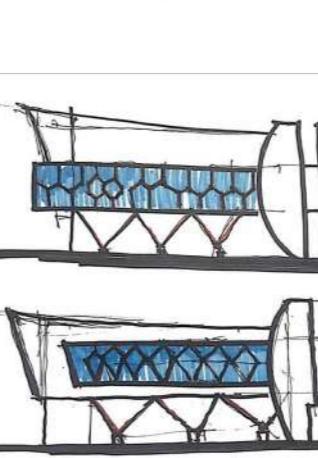
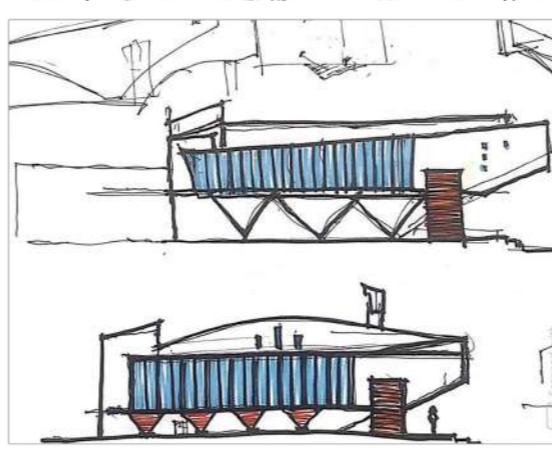
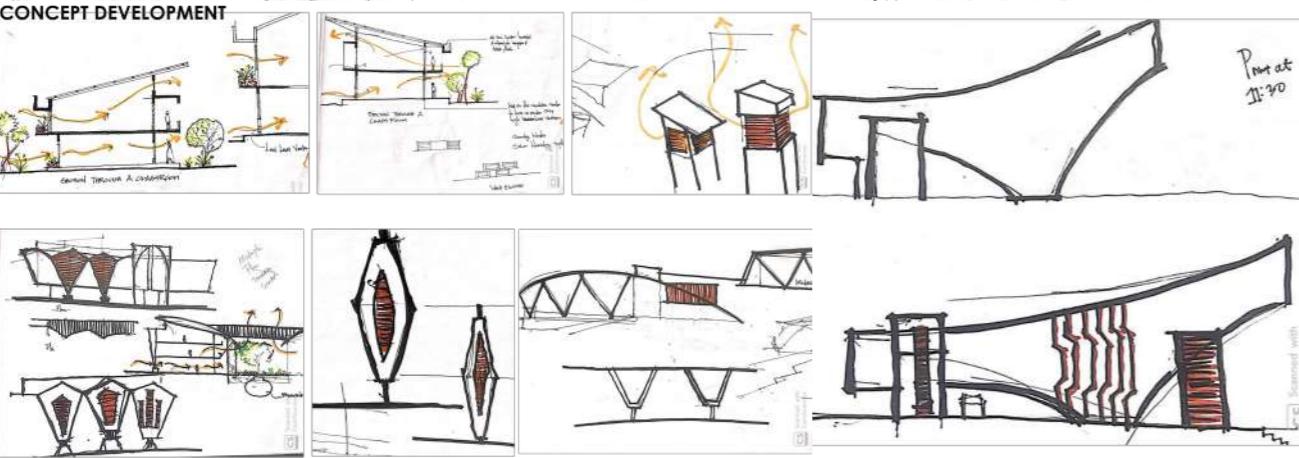
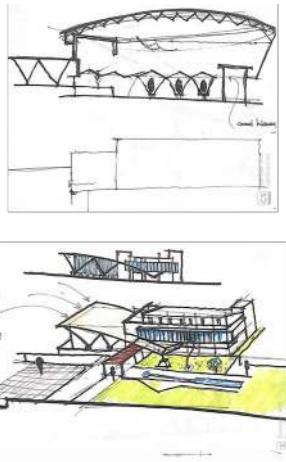
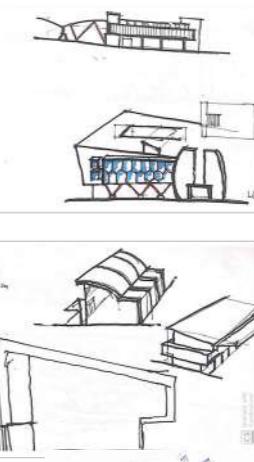
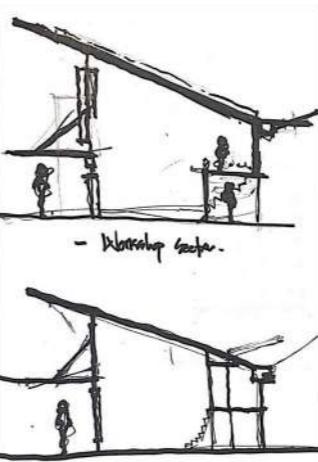
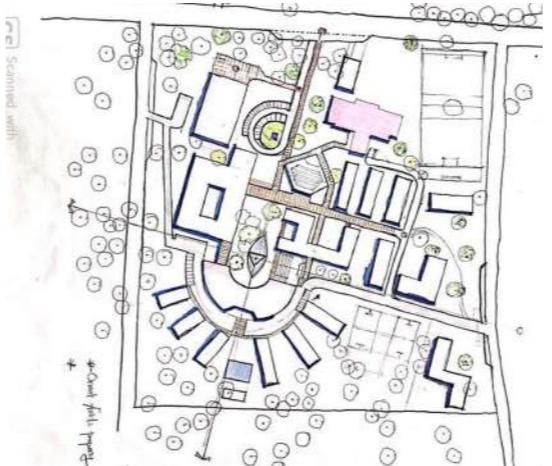
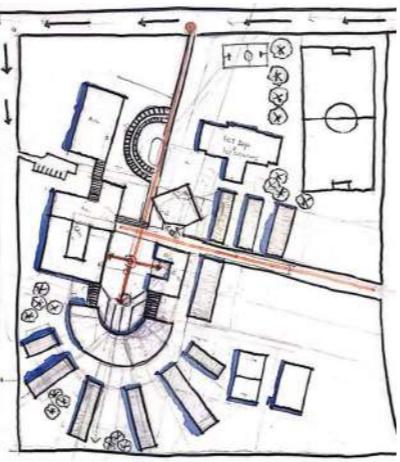
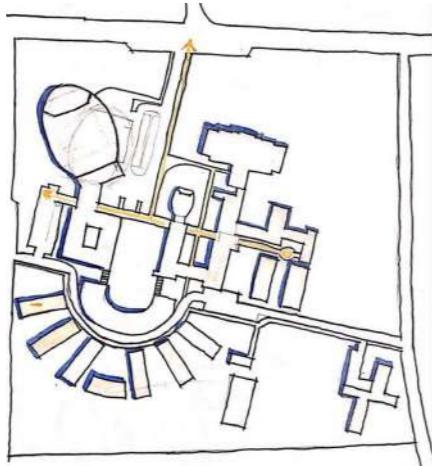
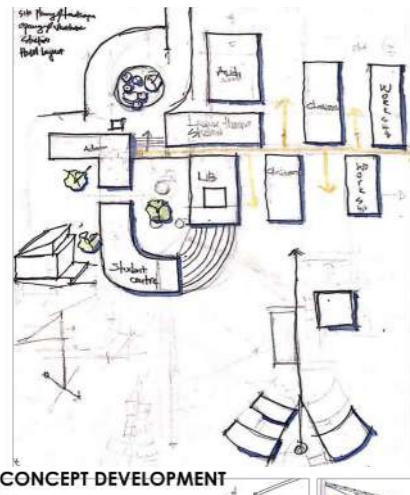


Kajiado West

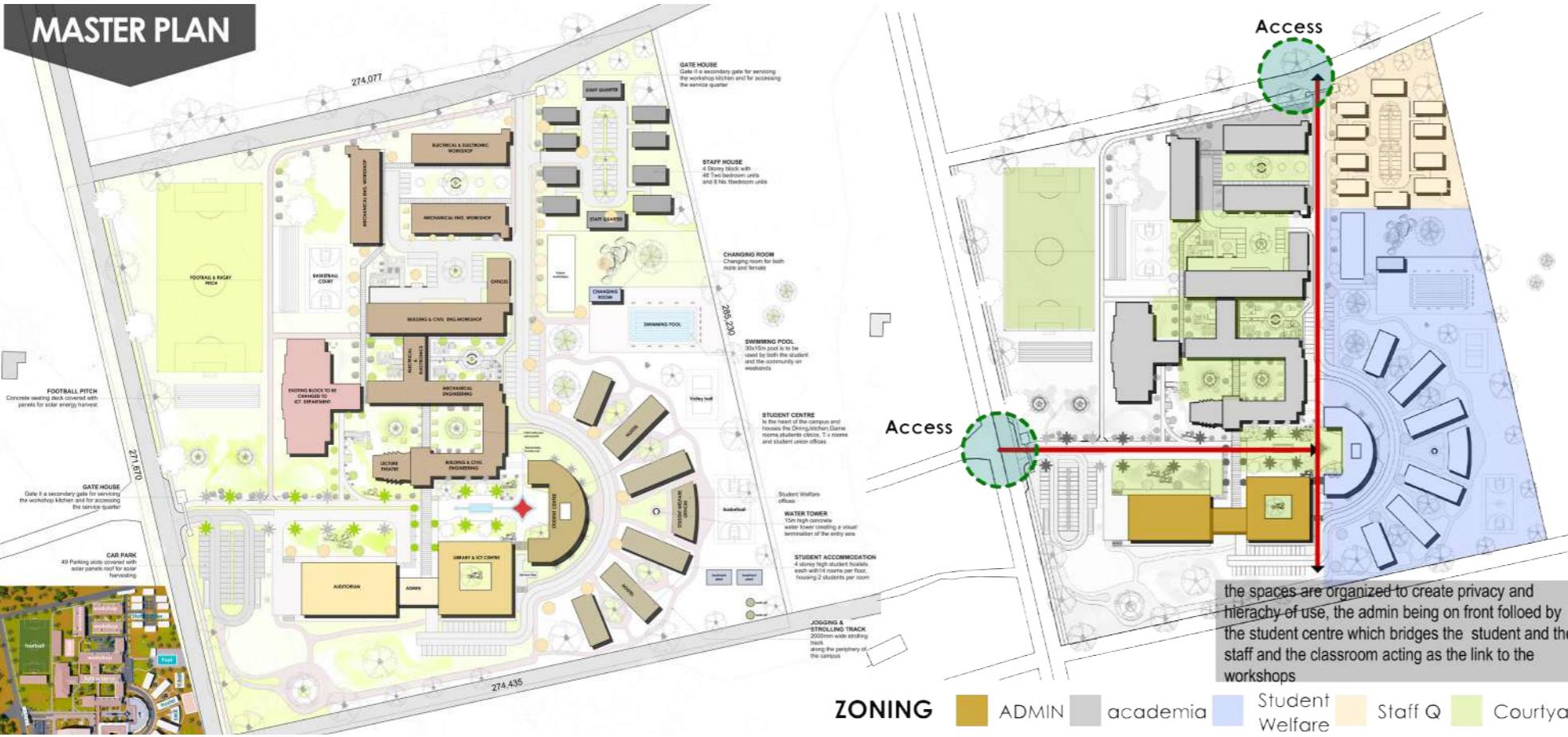
The site is located in an area called Oloshoor Oibor Allong Kimuka-Kisames road and approx. 4 kilometres from Kimuka town in kajiado west constituency,Kimuka is approximately 18 Kilometres from Ngong town.The site is an 18 Acres piece of land along the Ngong-Magadi Road an all-weather road which is currently being tarmacked. The site is flat and dotted with shrubs and Acacia trees.



Architecture Portfolio

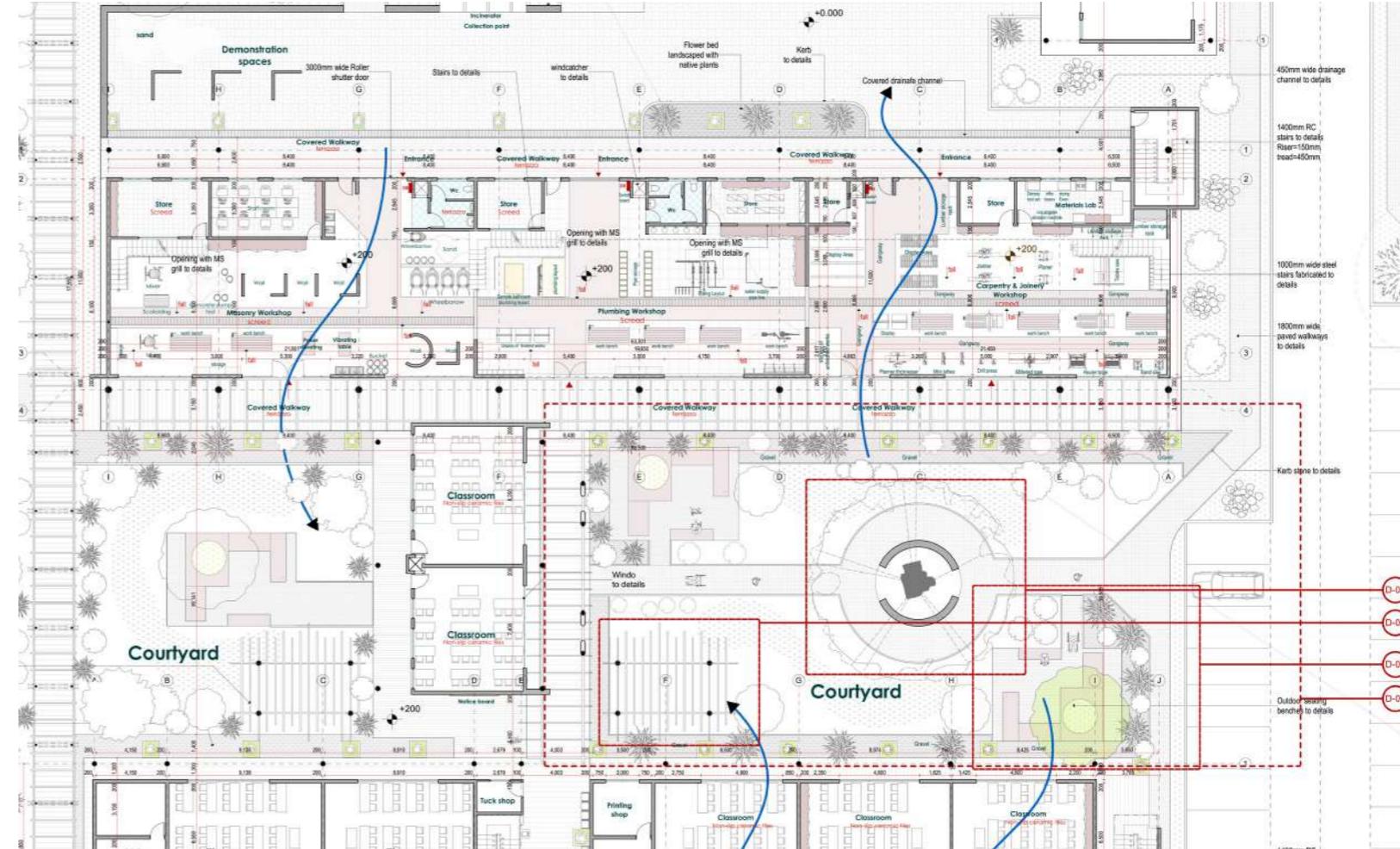
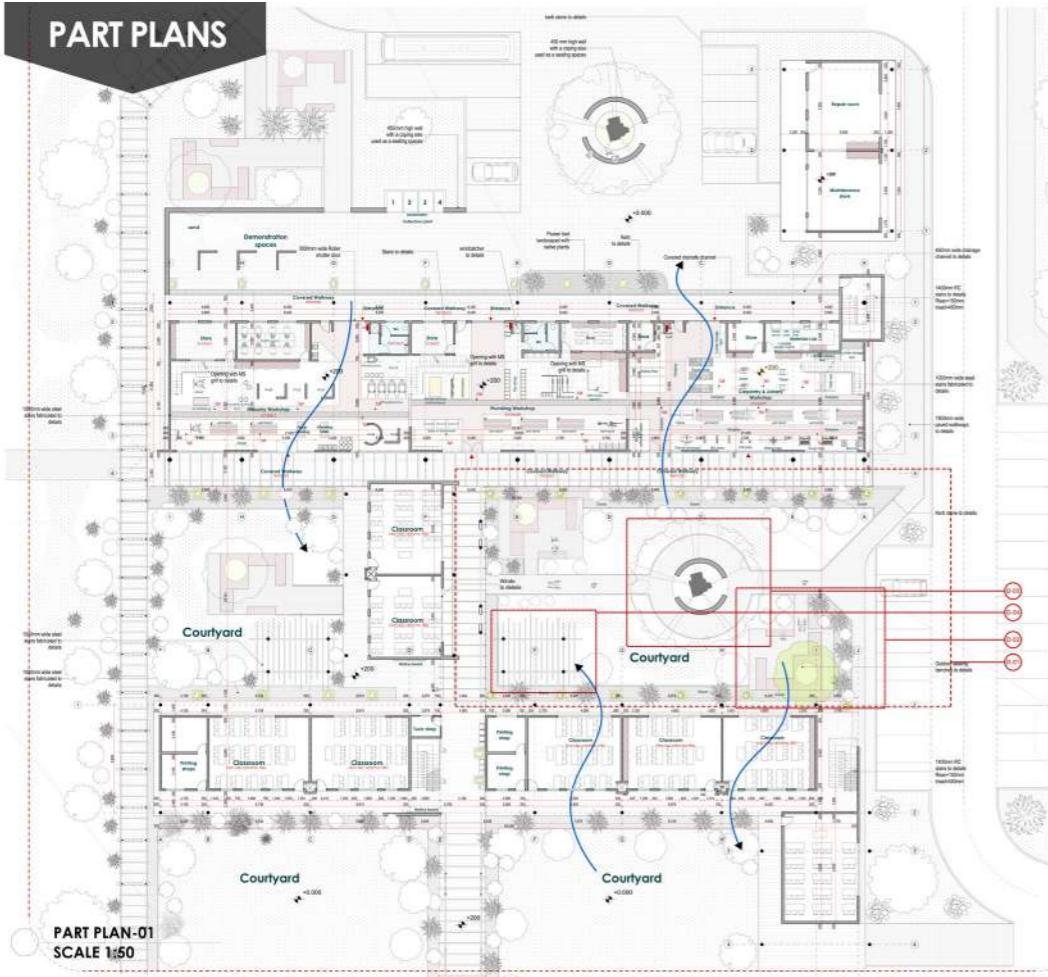


MASTER PLAN



setup in a rural center with hot dry climate the designer intended to design a school which offers the learners with an apt and conducive learning environment. The design sought to pave the way and give direction in matters design and construction in the region. The concept is having the learning spaces around pockets of landscaped courtyards, these courtyards are intended to foster and encourage out of class discussion and interactions between students of different faculties, it also improves the experience of movement through campus. The buildings are narrow and elongated this helps reduce surface area exposed to solar radiation thus minimized heat gains. The planning zones the school into four zones namely; Academia, Student welfare, Administration, and staff area. the layout is design to create a sequence in both heirarchy of spaces and privacy with the administration and more public spaces fronting the road and the more private spaces on the rear as can be seen from the layouts above

PART PLANS



KWTVC RENDERS



Simple facade design with light colored finishes, recessed glazing and repeated vertical sunshades. The repeated vertical sunshade unifies the campus and gives it a distinct character and pattern language



PASSIVE STRATEGIES USED

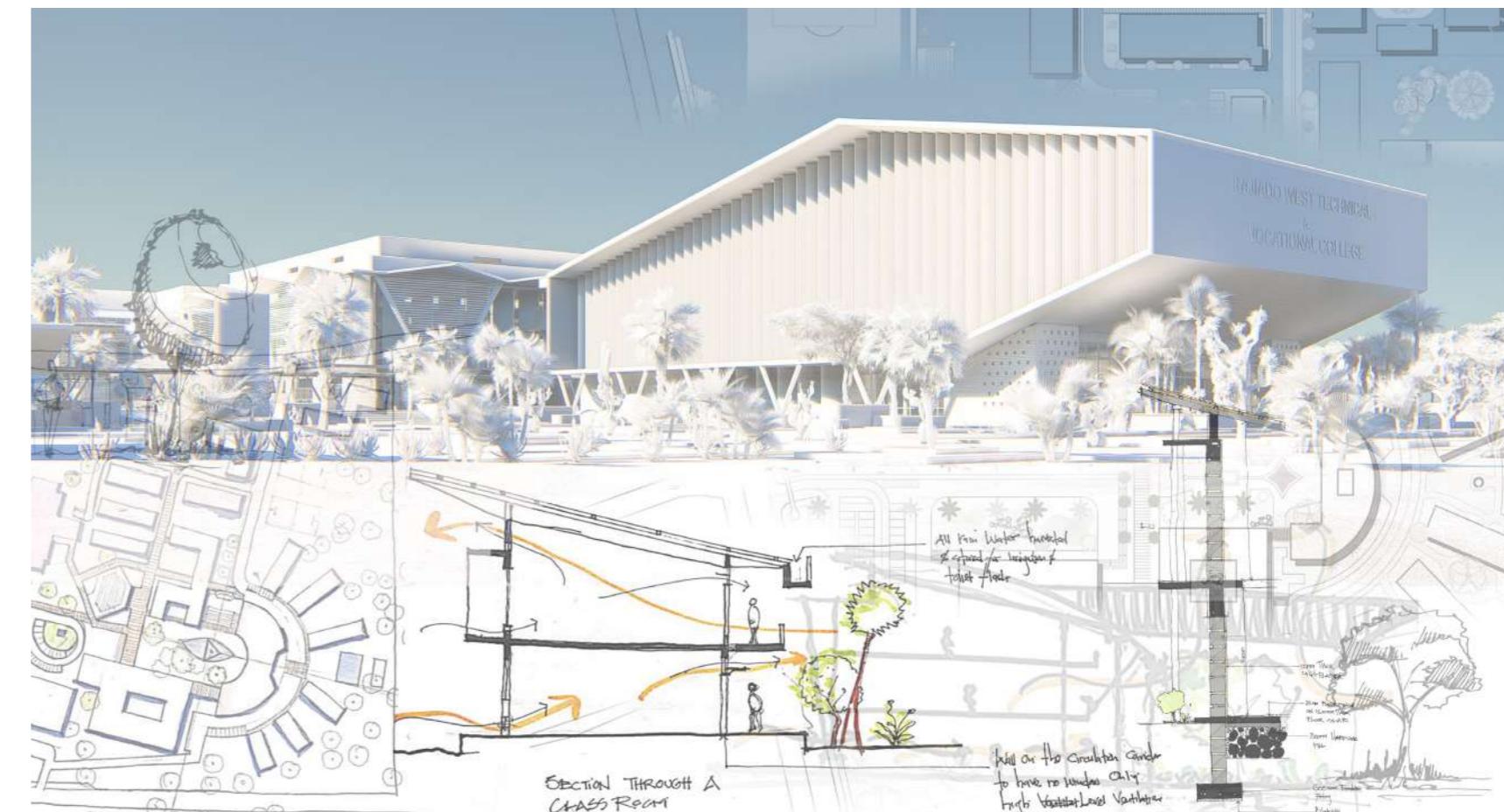
- Compact planning
- Orientation
- Use of courtyards
- Smooth light colored finishes
- walls with high thermal mass
- Deep overhangs
- sunshading devices
- Rain water harvest
- Solar energy
- use of native plants for landscaping
- Wind catcher(malqafs)



TUITION & WORKSHOPS BLOCK



AUDITORIUM



STUDENT CENTRE



ELEVATIONS



WORKSHOP
This is one of the most important space in this institution it is where hands on skills are acquired. Apart from the stores, open workspaces the workshop also has classrooms, staff rooms and laboratories.

ELEVATION 01 1:100



LIBRARY
The library is a 3 storey block housing different functions on ground floor is the reception/issuing desk, reading space and carrels. The first floor accommodates more reading spaces staff offices and the staff lounge. Second floor is the college ICT data centre.

FORECOURT
The forecourt is a democratic space designed to boost spontaneous interaction between students of different department and member of staff. It fronts the library and student centre creating a focal breakout space which eventually forms the heart of the college.

TUITION BLOCK
The tuition block is a two-level building with classrooms on both levels. The circulation is on one side this makes which faces the courtyard on this side. The designer deliberately avoided large opening to control noise level. the windows are sunshaded and design to boost cross ventilation.

COURTYARD
The courtyard bridges the quiet classrooms and the workshops. It is landscaped to create pocket of relaxation spaces which are ideal for continuation of discussion of lectures and practical sessions.

WORKSHOP
This is one of the most important space of this institution its where hands on skills are acquired. Apart from the stores, working, the open workspaces the workshop also has classrooms, staff rooms and laboratories.

GATE HOUSE
The gate house is the main entry to the college it houses the security office, holding cell and waiting space.

ELEVATION 02 1:100



GATE
The gate house is the main entry to the college it houses the security office, holding cell and waiting space.

AUDITORIUM
The auditorium is the most prominent building on campus both by design and size it has a capacity of 900 and has been design to fit in the hot and dry climate of kajiado west the coffee lounge on the main entrance serves as a waiting space.

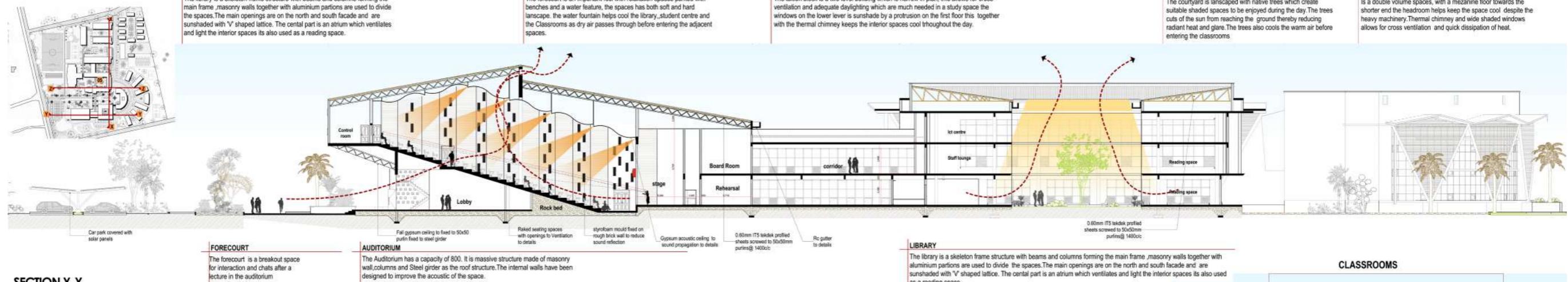
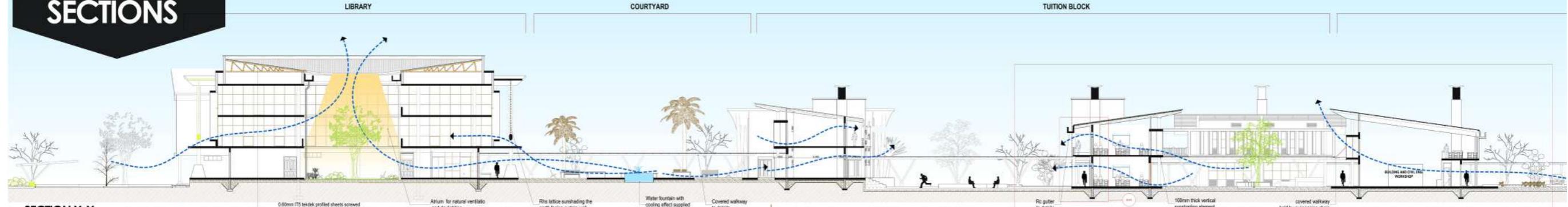
ADMINISTRATION
The admin is sandwiched between the library with some functions overflowing to other buildings its visible from the main entrance for ease of access by the public.

LIBRARY
The admin is sandwiched between the library with some functions overflowing to other buildings its visible from the main entrance for ease of access by the public.

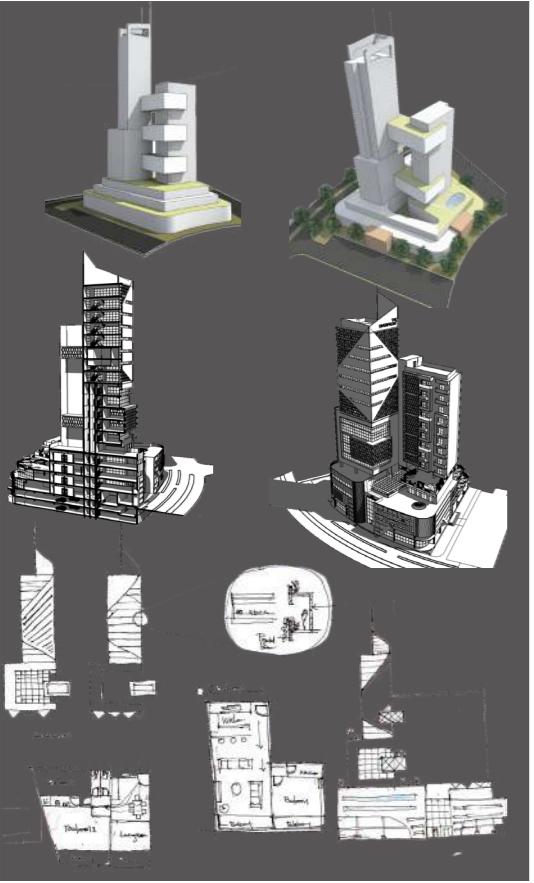
WATER TOWER
15metre high water tower

ELEVATION 03 1:100

SECTIONS



MUD -YR 5



An iconic Mixed urban development of its kind in down town Nairobi, The project involved densification of Kariakor area in Downtown Nairobi this involved Master planning to re-organize circulation arteries, introduce order and to open up the area. With Nairobi river cutting through site the Architect was able to revitalize the river and redesigned the area to have river front developments. a strip of green belt along the river gave the area a breathe of life and a comfortable relaxation park and circulation route for pedestrian

PLOT AREA:
1000m²-2500m²
GROSS FLOOR
AREA:
2000
PLOT RATIO:
200
TYPE OF DEVELOPMENT ALLOWED:
COMMERCIAL/RESIDENTIAL/LIGHT INDUSTRIES

1.RETAIL AND WHOLESALE
2.ACCOMMODATION(furnished apartments)
3.consultancy & professional services

The new development will be on a 2500sqm area and will comprise retail,wholesale,recre, entertainment, and accommodation i.e both hotel rooms and furnished apartments, creating "New CBD" in downtown Nairobi". Located in the heart of Nairobi the projects aims to create vibrance and bring life to this part of Nairobi, the will also regenerate the neglected Nairobi river through creation of ponds, gardens and activities aimed at attracting people to the area are the key concerns of the project.

The river will be cleaned up and used as a major movement corridor for pedestrian moving from the neighbouring estates and the busy Gikomba Market to Ngara,CBD and downtown Nairobi. The projects Capitalizes on this huge human transport create a busy hub with amenities,furnished apartments,retail shops,Luxury hotel suites,parking e.t.c this will be captured through the design of an open podium with arcades and thorough fares to invite the pedestrians into the building.

Functionality,sustainability and openness to the public forms the project backbone.

RETAIL AND WHOLESALE

Restaurant
M-pesa
Safaricom shop
Chemist
Gift shop
Boutique
Cafe
super market
Departmental Stores
Atm's lobby
Gaming arcade
Curio shop
Convinience store
Cosmetic shops
Florist
Electronics shop



FURNISHED APARTMENT

1Bedroom
2Bedroom



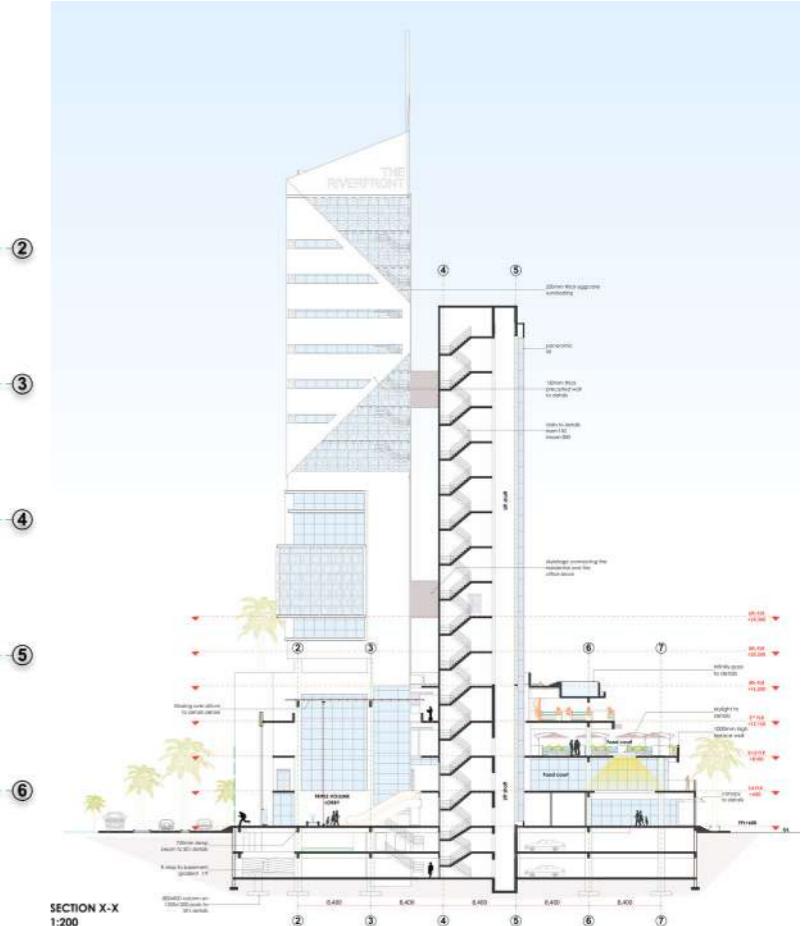
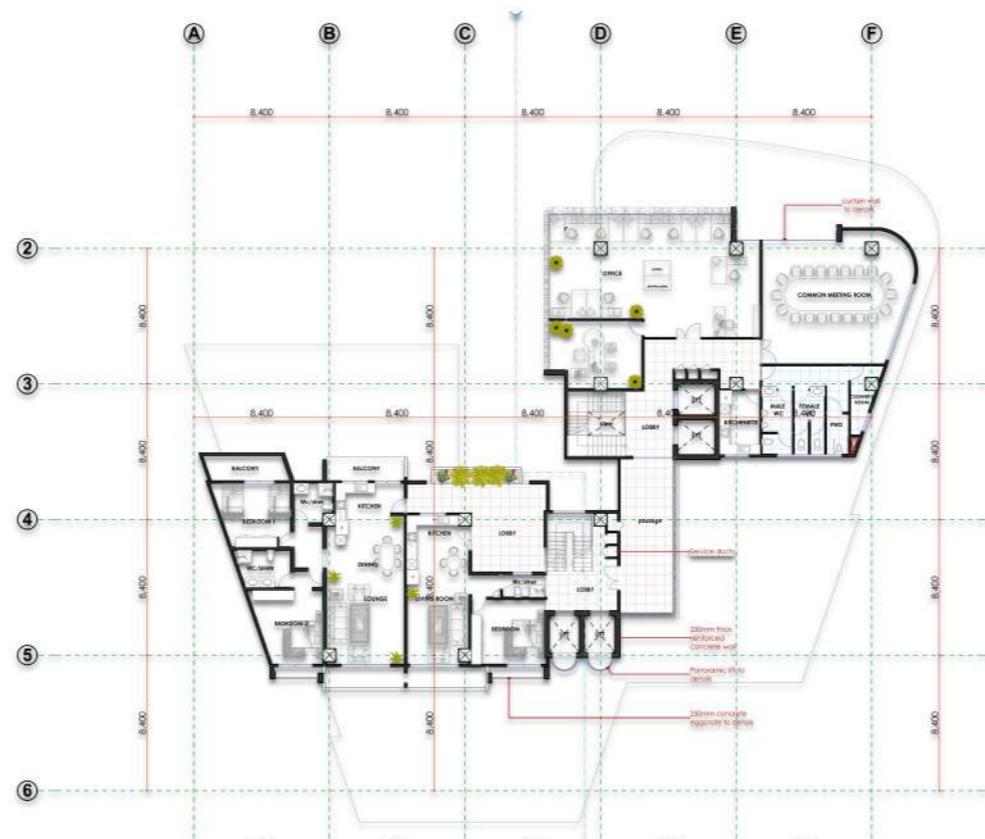
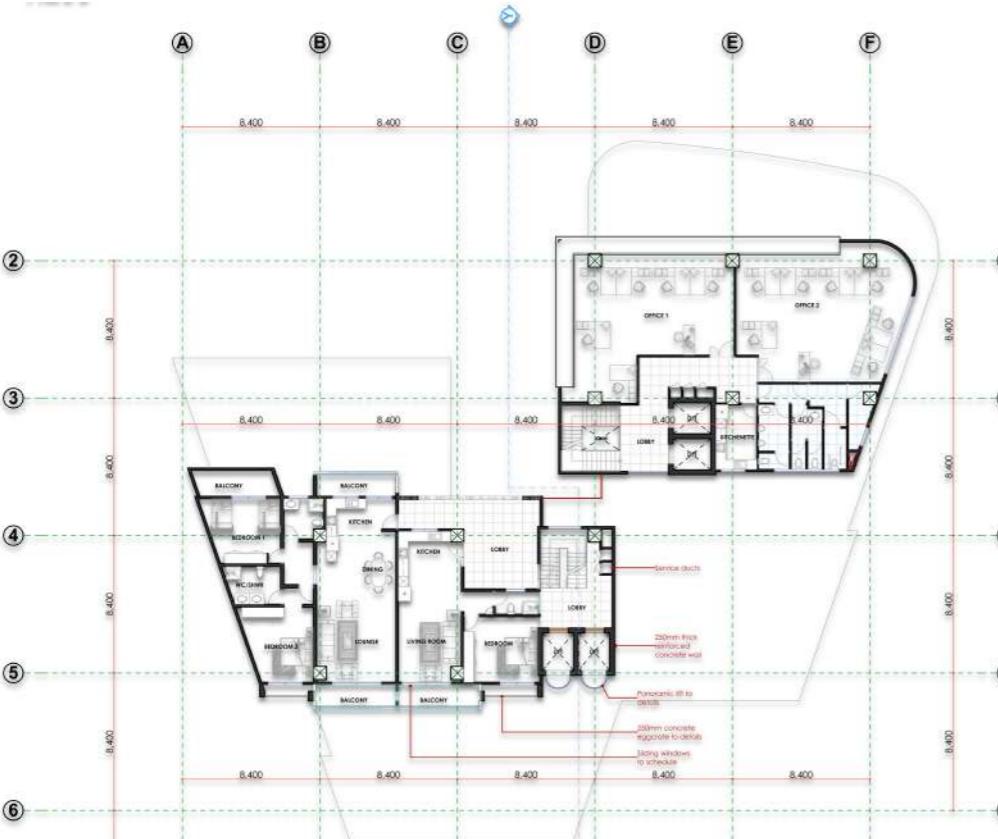
RECREATION AND ENTERTAINMENT

Cinema Halls
Gaming Arcades
Bowling
Food courts
Swimming pool

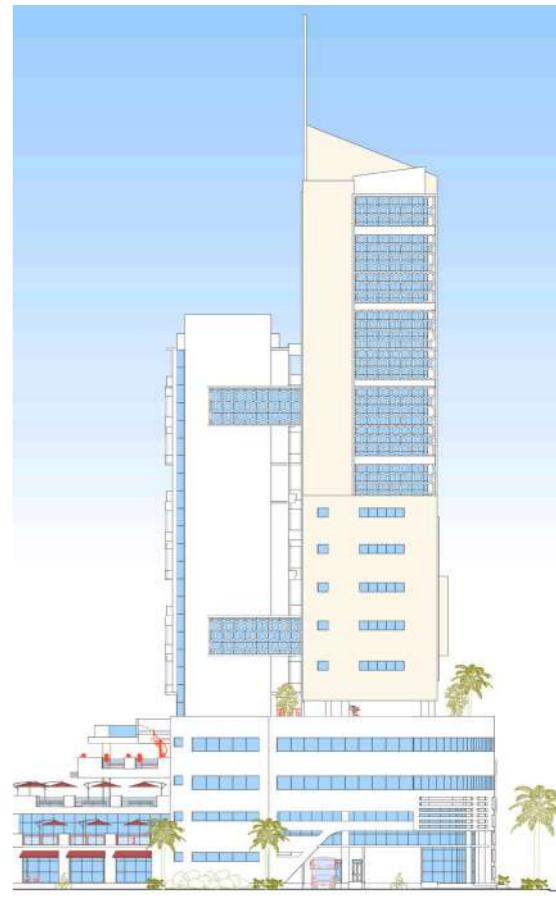


MUD with assorted commercial activities on the lower ground





ELEVATION DESIGN



LOW INCOME HOUSING-YR 5



MALINDI TOURIST TERMINAL YR-4

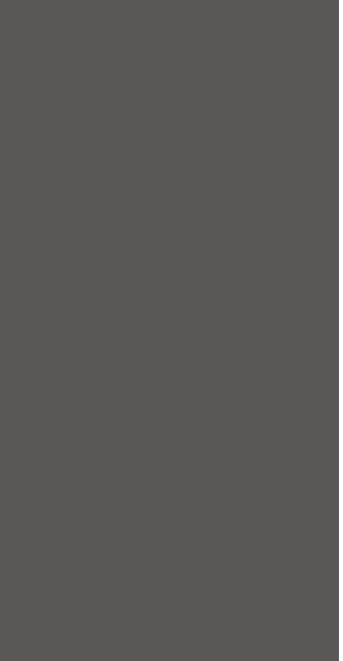
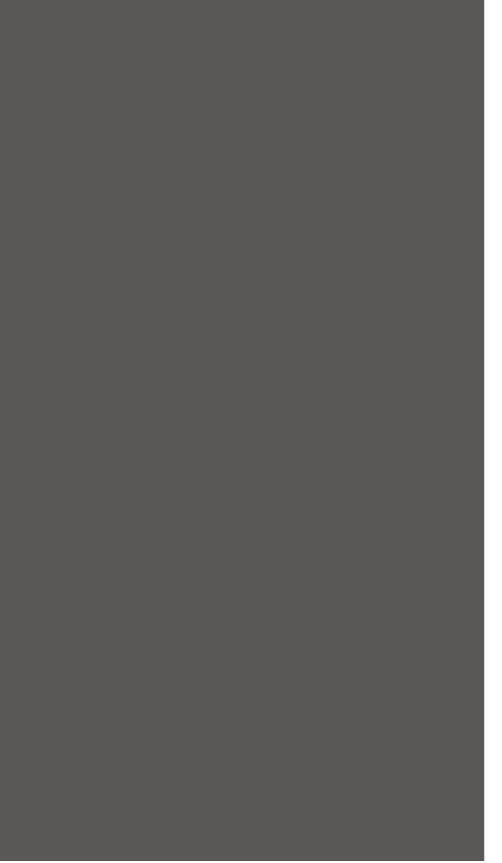


The facade design of this Tourist terminal is a fusion of both Swahili and Modern architecture intelligently combine to give a subtle but powerful composition that respects the history and rich culture of the place whilst keeping tabs with the current style of architecture.

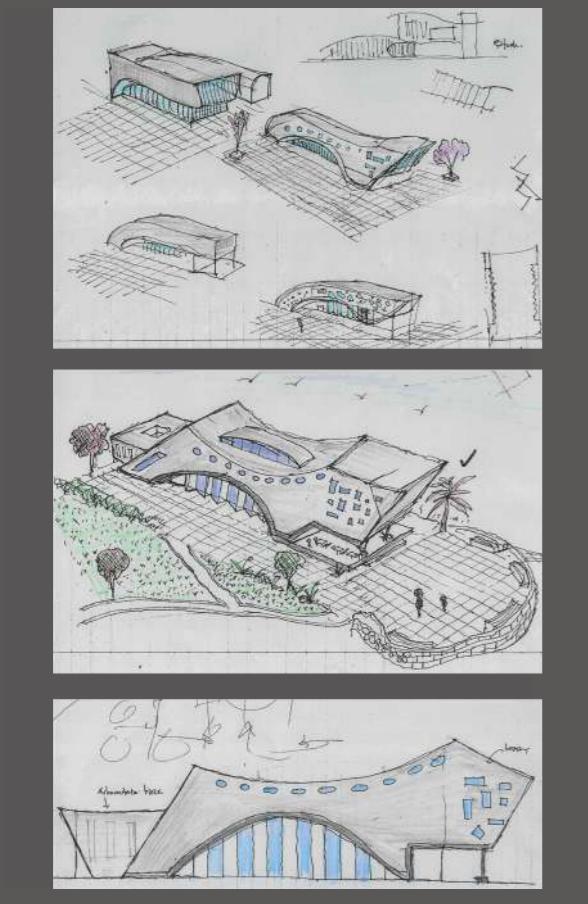
ARCHITECTURE SCHOOL YR-4



MUD -3rd YEAR



RESOURCE CENTRE -3rd YEAR



WANGARI MAATHAI MUSEUM-2nd YEAR



Wangari Maathai was an Icon of change. She fought for peace and freedom. The Nobel laureate was a visionary leader who was able to envision the importance of preserving forest and planting trees to counteract global warming and Climate change at a time when it wasn't even imagined. at the University of Nairobi 2nd Year studio we design a Museum in her honor. For my design I chose an Eagle as my concept. I felt it embodies wangari's qualities. An eagle is a strong bird with Impecable visual acuity and precision. The bird can see far same way wangari was able to see far into the future.



KURA FOOTBRIDGE COMPETITION

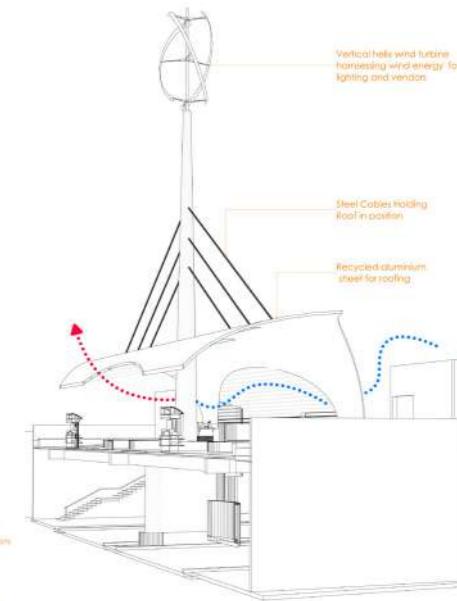
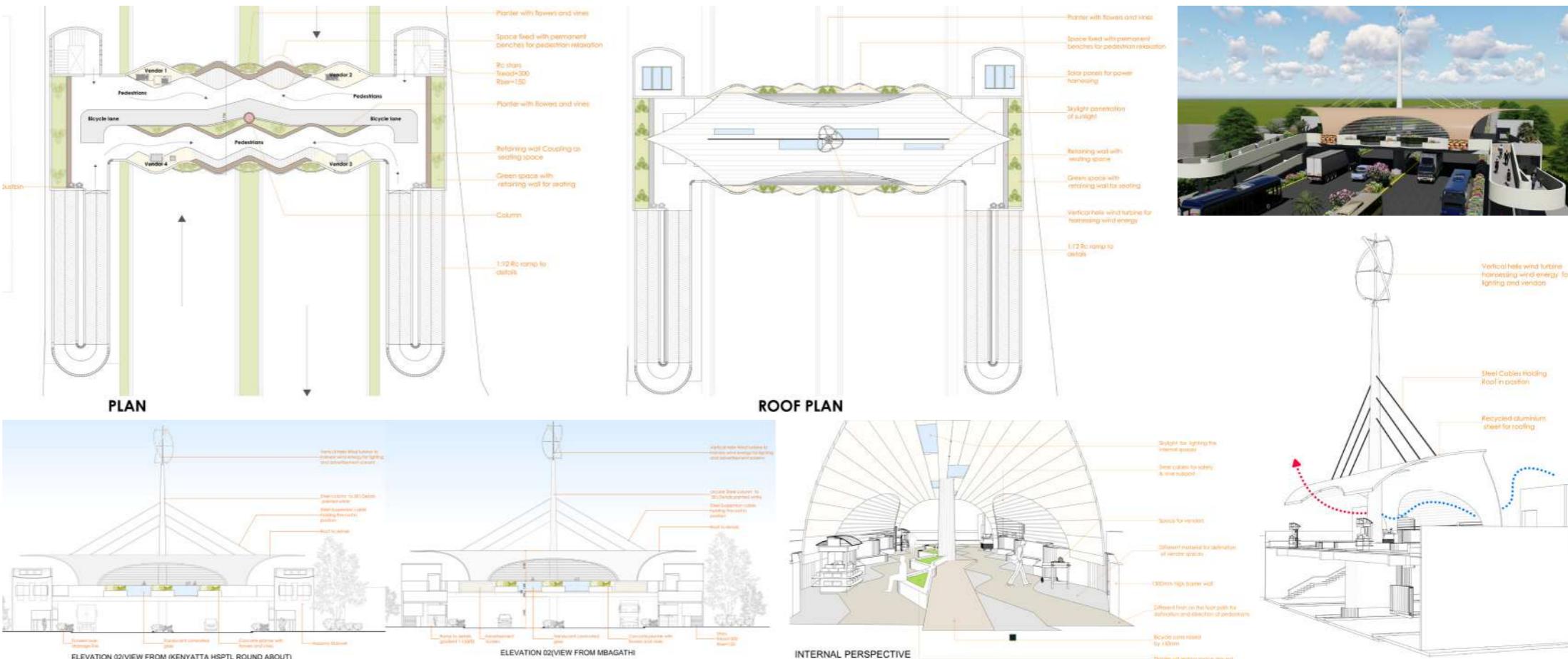


THE PEDESTRIAN BRIDGE

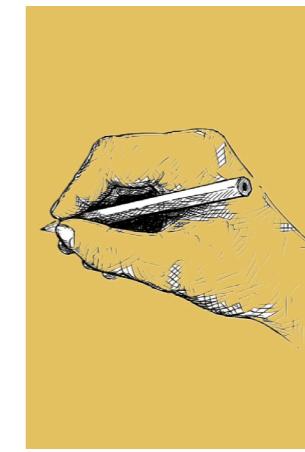
Most footbridges around Nairobi are unused ugly structures largely because of poor design, this is attributed by a weak response to the pedestrian needs, the bridges are now used by vendors and hawkers considerably reducing the walking space to a narrow path that meanders around their merchandise making movement hard and uncomfortable. The bridge also lacks advert spaces and sustainable energy source, as such my design has responded to the issues above by:

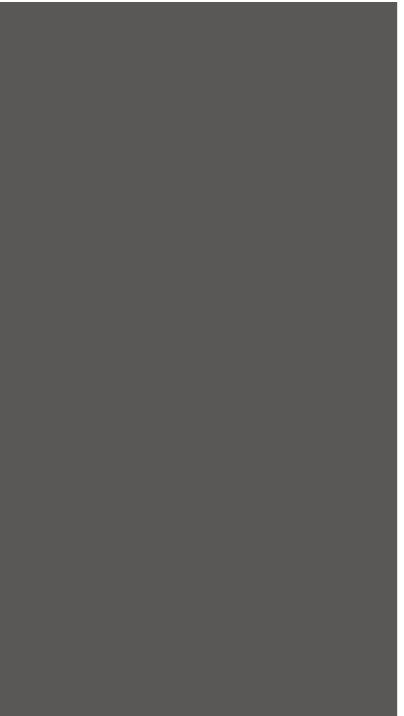
1. Providing space for vendors
2. Providing Space for adverts (income generation)
3. Provision of wind turbine and solar panel for generation of energy
4. Adequate headroom for Trailer to pass

A footbridge is more than a transitory structure, as such my bridge is wide enough to accommodate vendors, pedestrian relaxation space, bicycle lane and a pedestrian space, this activities should enliven the bridge making it more comfortable and usable. The bridge has a energy harnessing system i.e. Solar panels and a windturbine this provides power for lighting the bridge during the night and for running the advertisement screens.



PRIVATE COMMISSIONS





Client: Mashua Tomboo
site : Oloitokitok
Status :Not built
Year: 2014

Project Description

A mixed use development with retail spaces on the lower levels and accomodation on the others



Client: Oldonyo Oibor
site : Illasit
Status :Not built
Year: 2014

Project Description

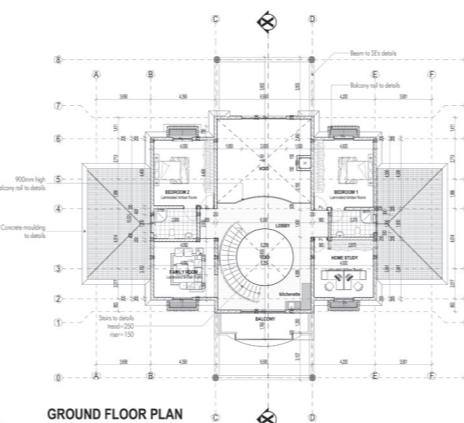
Hotel

Residential house 2019

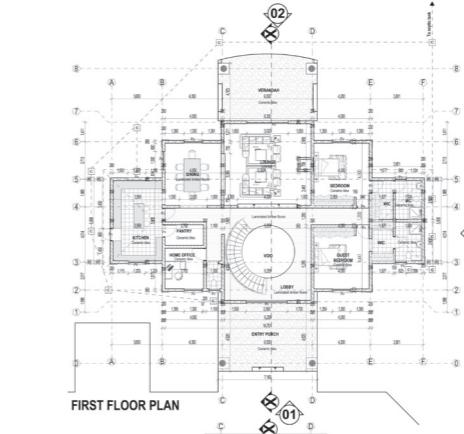
Project Description

Design, Exterior visualization
and working drawings
for a private residential
in Garden Estate, Nairobi

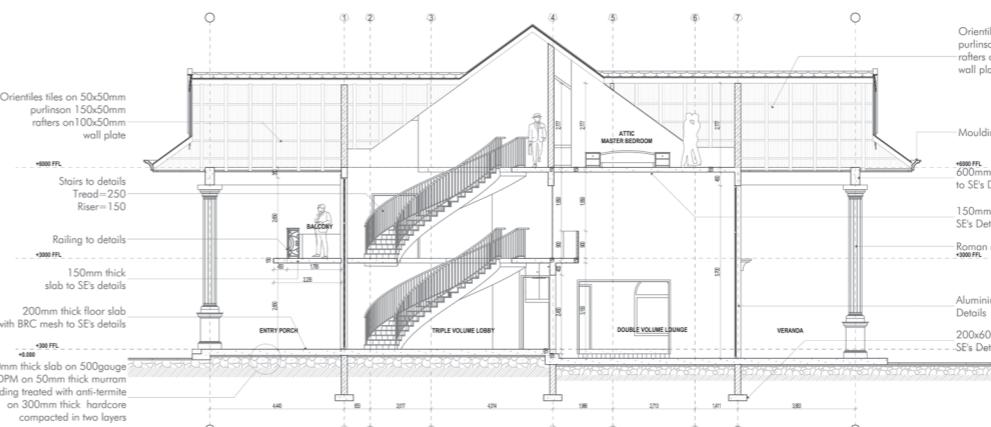
|Ongoing|



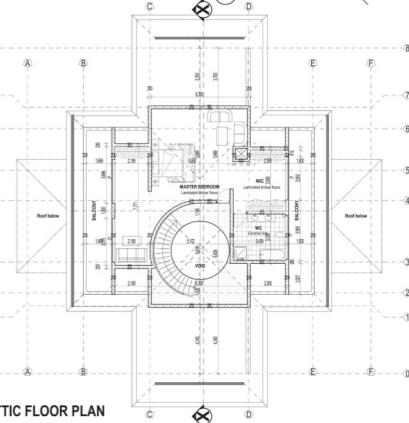
GROUND FLOOR PLAN



FIRST FLOOR PL



SECTION X-X



STANDARD FLOOR PLAN





Client: Petro Massawe
Site : Moshi,Tz
Status :Built
Year: 2017

Project Description
Residential development in moshi town Tanzania



Client: Ndengwa K.
Site : Limuru
Status :Not Built
Year: 2015

Project Description
Apartments

Coffee Shop

Project Description

Exterior visualization for
Coffee Shop
| Render Practise |



Forest House

Project Description

Exterior visualization for
Forest House
| Render Practise |



Lugano Lake House

Project Description

Exterior visualization for
Lugano House
| Render Practise |



Client: Alphonse Kimambi
Site : Morangu,Tz
Status :Proposed
Year: 2018

Project Description

Proposed Residential House



Client: Community centre
Site : Ngong road,Nairobi
Status :Proposed
Year: 2017

Project Description
a community centre for
a proposed housing
project along Ngong road
the centre has clinic,
swimming pool and
meeting halls



Client: Petro Massawe
Site : Utawala,Nairobi
Status :Ongoing
Year: 2017

Project Description

Residential development

Client: Julius Mburu
Site : Ngong,Kajiado
Status :Built
Year: 2014

Project Description

Lodging



Client: Ayedos
Site : The Hub,Nairobi
Status :Built
Year: 2018

Project Description

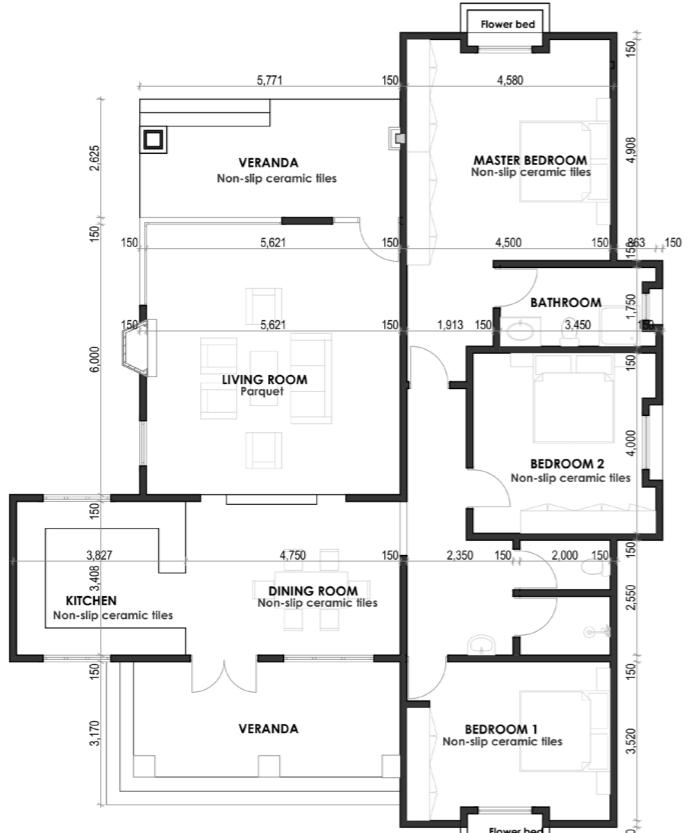
Interior design of a linen and curtain shop



Client: Maxwell Kimeu
Site : Mwala,Machakos
Status :Built
Year: 2018

Project Description

Residential development



GROUND FLOOR PLAN





Client: Samuel Wangombe
Site : Ruiru,Kiambu
Status :Proposed
Year: 2019

Project Description

Residential development



Client: Rohan Parachuri
Site : India
Status :Proposed
Year: 2018

Project Description
Visualization for proposed
town house



Client: Arch.Collins Atego
Site : Ruiru,Kiambu
Status :Proposed
Year: 2016

Project Description

Interior Visualization for proposed town houses



Internship projects





Aden Saitabau Kumary
Graduate Architect

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