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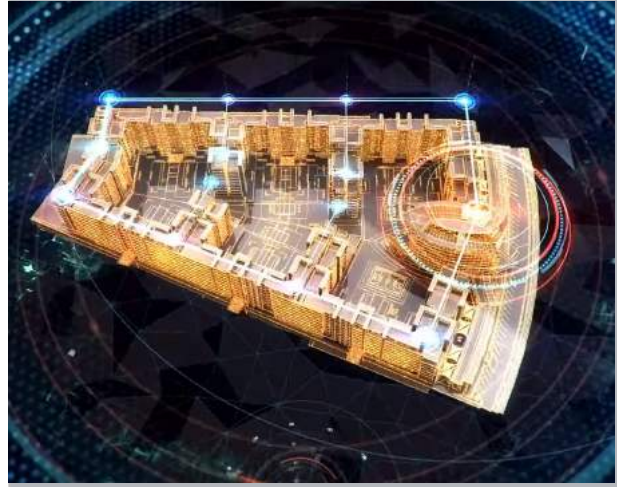
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WANGA TIMON

01

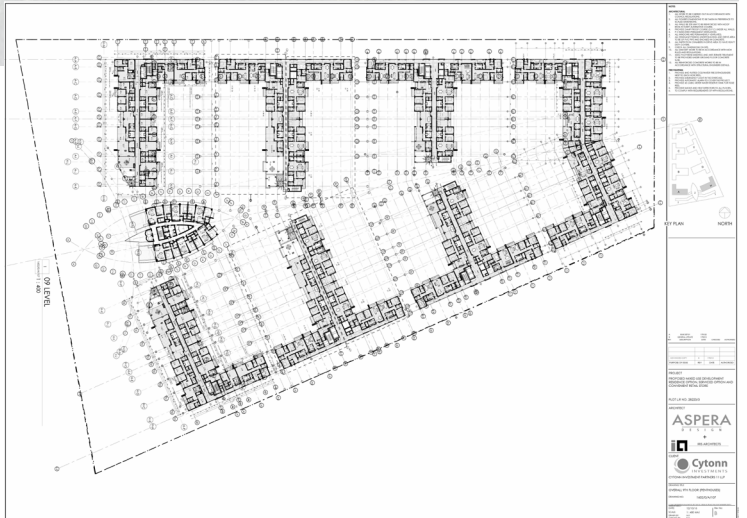
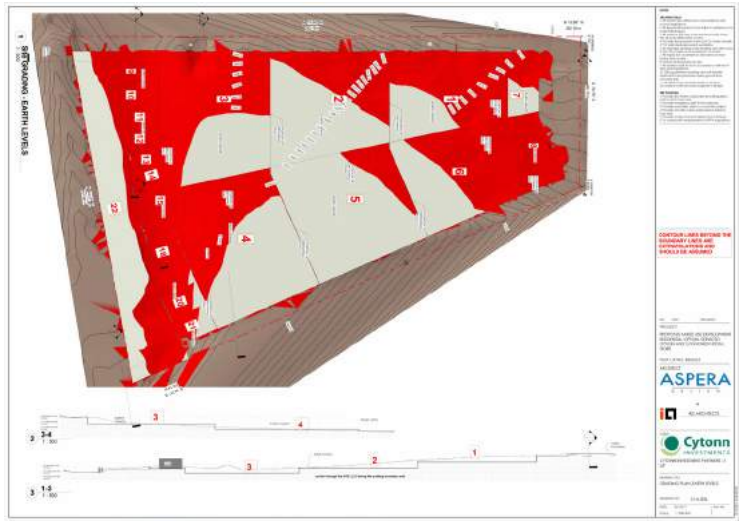
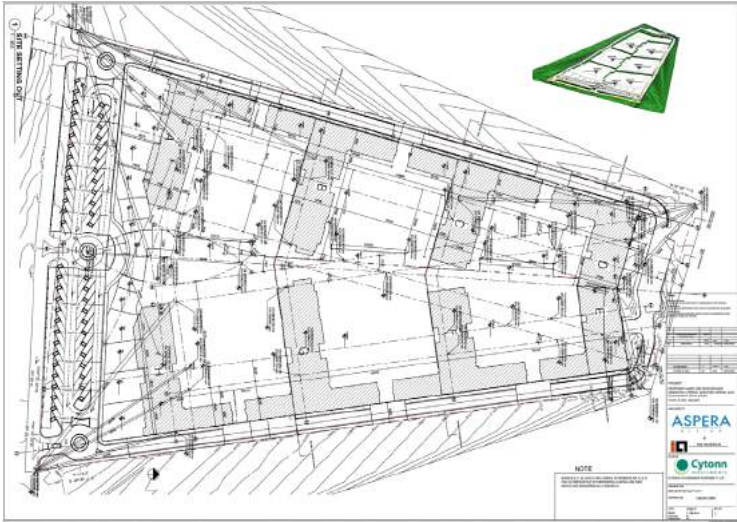


THE RIDGE

RESIDENTIAL PROJECT

The project is located in Ridgeways and is by Cytonn Real estate. The project required a quick time delivery of exquisite residential design to top the residential development maps in the country's capital. at the same time, the client was concerned about the initial design impact on cost stimulating myriads of design simulations which I did on the topography to design an efficient basement for the highly dramatic site. the longest of my hours were spent in the detailed model generation and the project is currently under construction





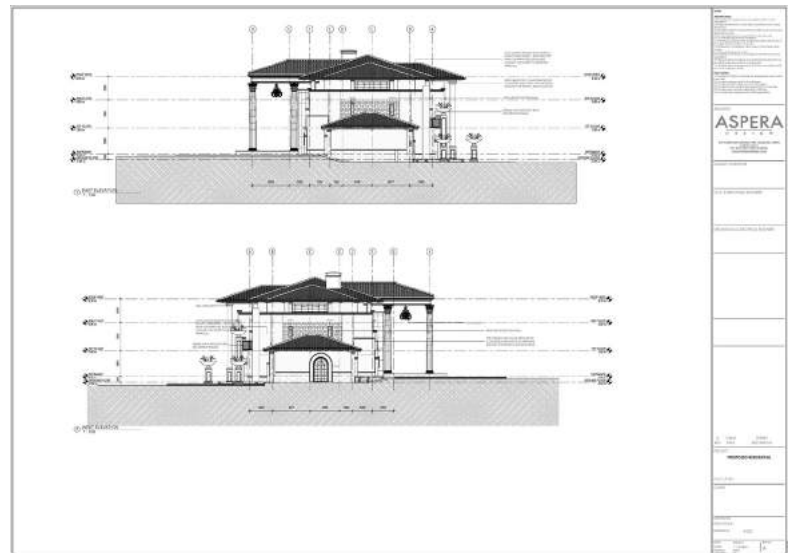
02



THE CLASSICAL HOUSE

RESIDENTIAL PROJECT

the design was inclined to meet the clients desire for a Neoclassical building prompting my design to focus on several classical features into the Revit model



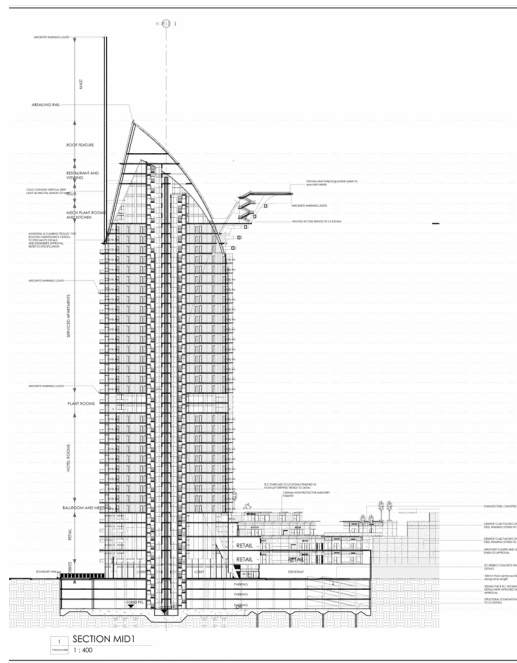
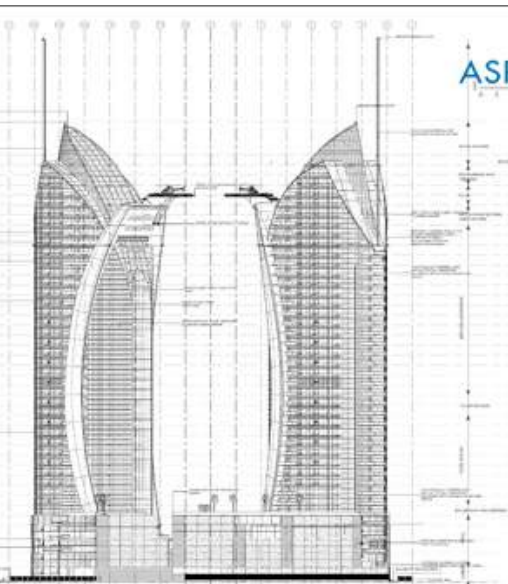
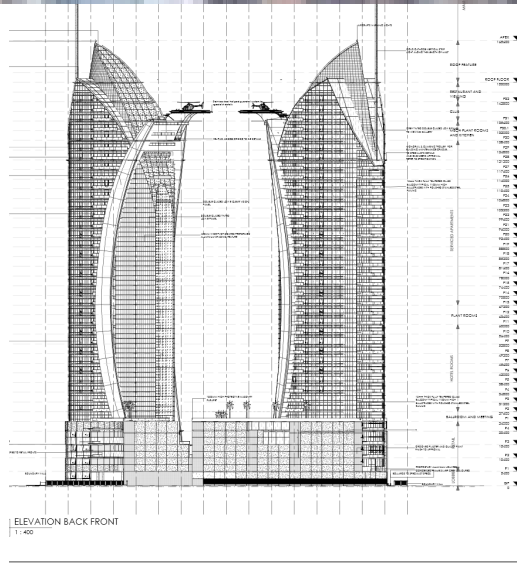
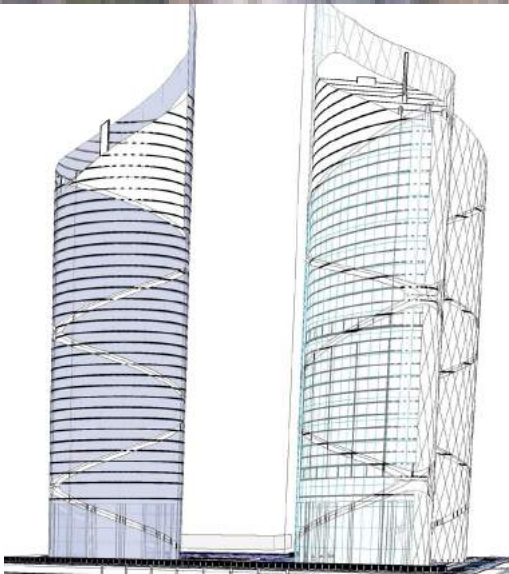
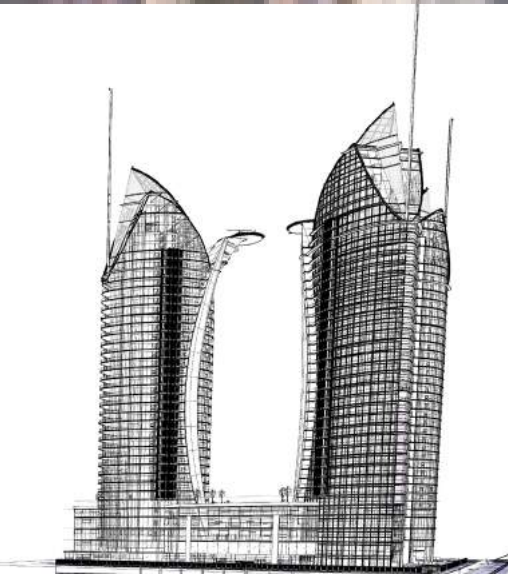
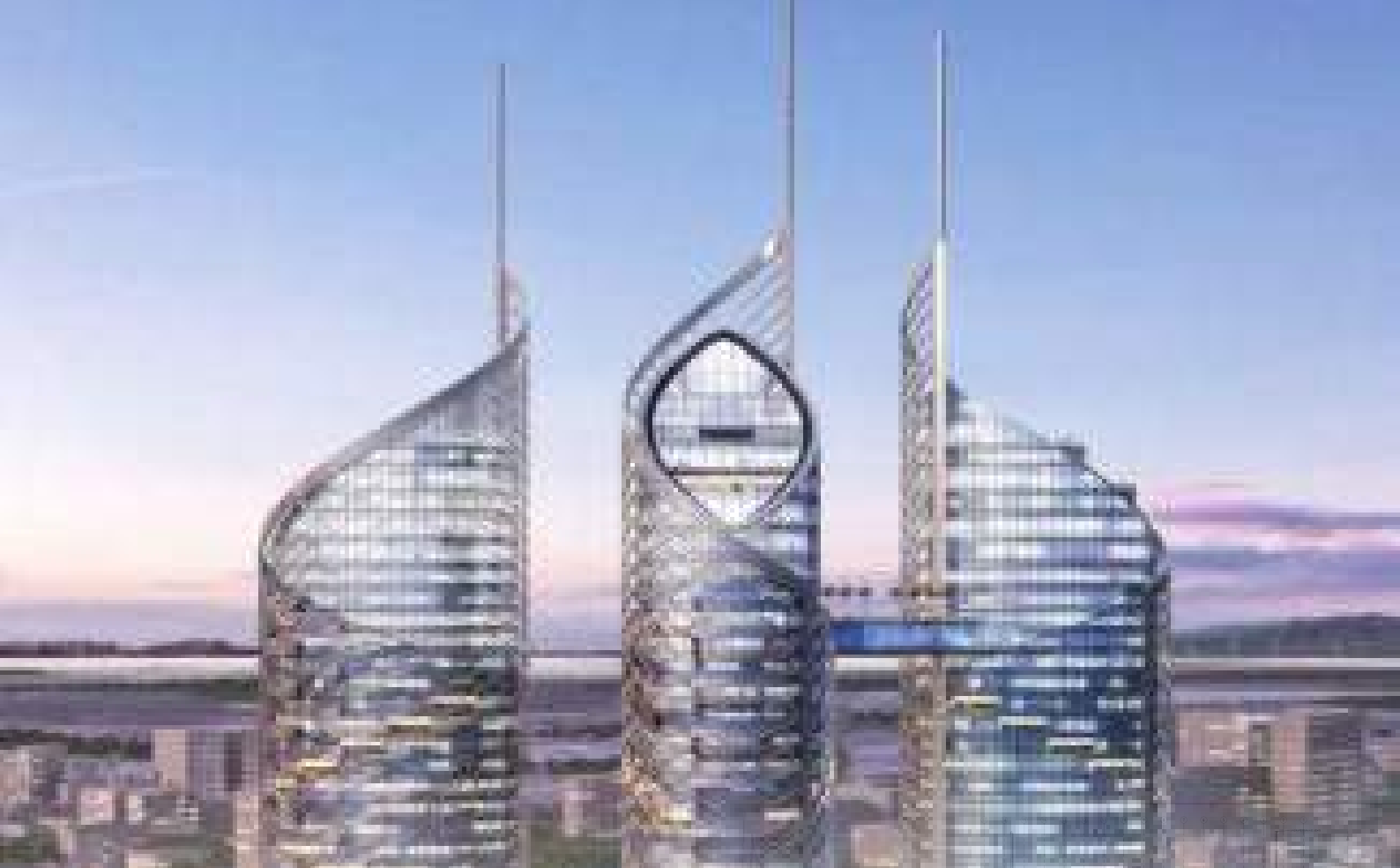
03



THE CYTONN TOWERS

RESIDENTIAL PROJECT

The project is a masterpiece designed by Aspera Design. My efforts came in at both conceptualization of the design and further converting the design, which was in two options, into drawings first for council submission which was successful under the Nairobi County Council and second for tender action which is ongoing. The drawings below are by author for ASPERA Design and are copyright protected.



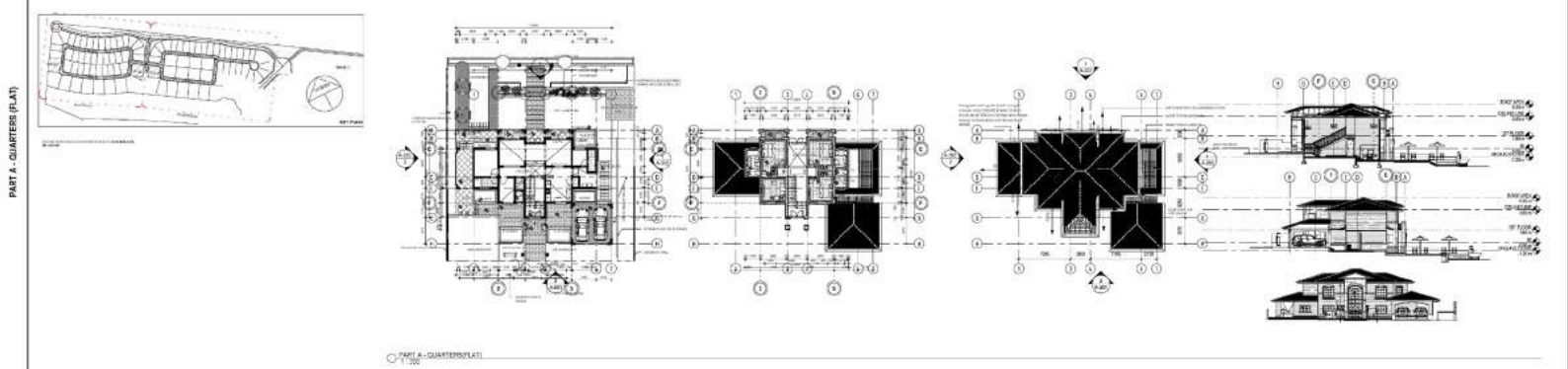
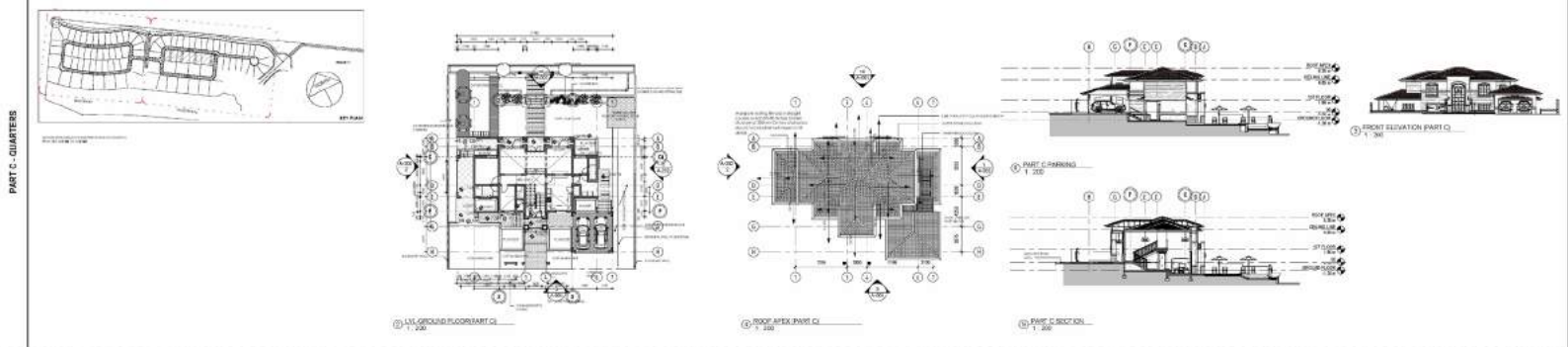
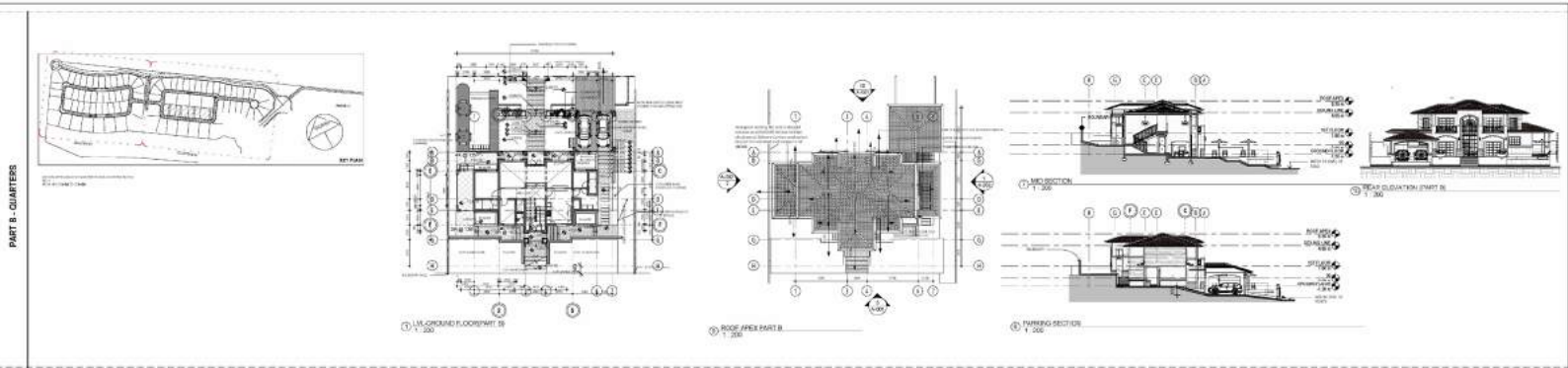
04

THE RIVERRUN estates UNITS

RESIDENTIAL PROJECT

The project is located in Kiambu county as part of the large River run estates masterplan developed by Aspera design wehere i fully engaged with the production of construction drawings for all the unit typologies for the client Cytonn. the uniqueness of the design comes into play in ensuring that each of the houses on the master responded uniquely to its surrounding topography which was defined as very steep.





05



THE AVIC HQ, WESTLANDS

MIXED-USE PROJECT

The project is located in Westlands Kenya. It is during my internship at Triad Architects that I coordinated a long-distant BIM collaboration between GMP Architects and TRIAD Architects in Kenya, taking charge of a 3-acre basement and podium structure in the complex, leading to a realization of a fluid design of AVIC International HQ towers.

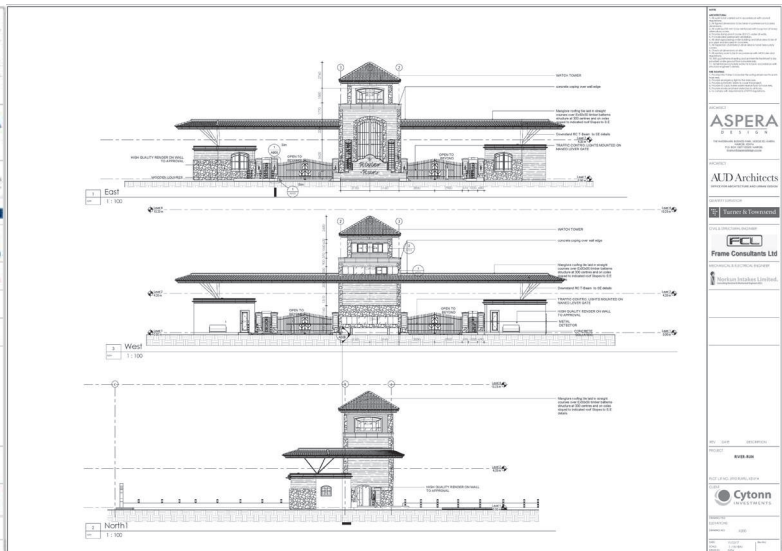
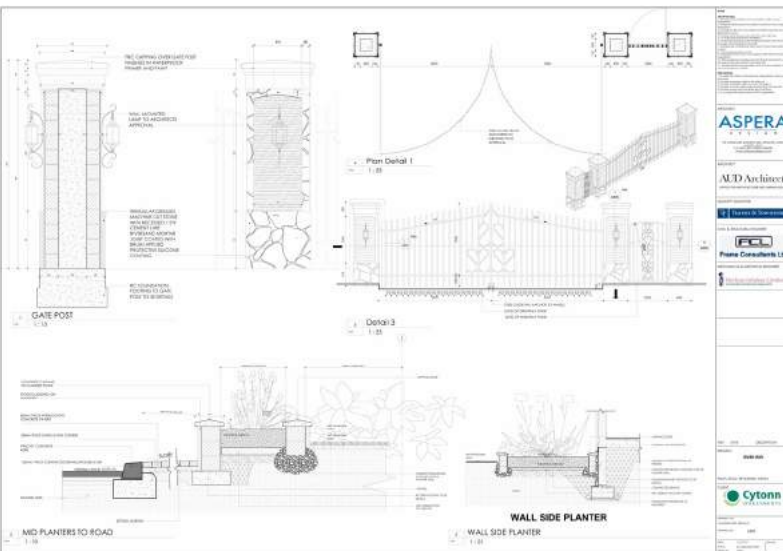
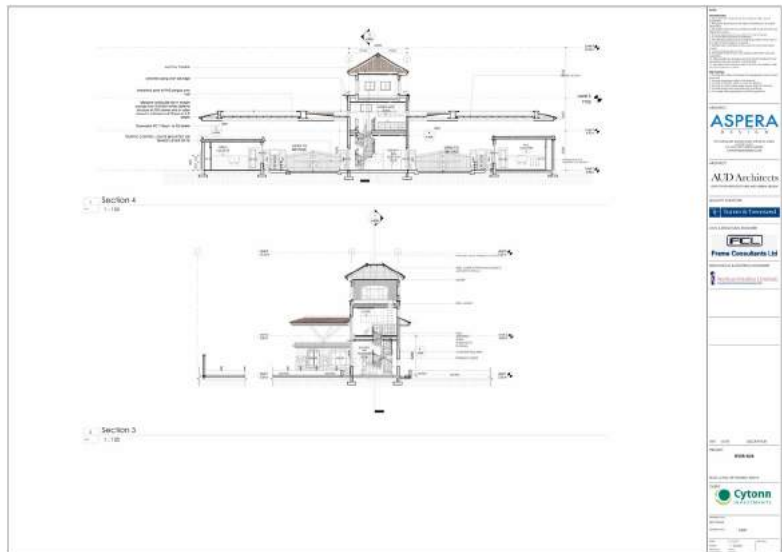


06

THE RIVERRUN GATEHOUSE

RESIDENTIAL PROJECT

The project is located in Kiambu county as part of the large River run estates masterplan whose engagement has been demonstrated in the previous folio. The design of the gatehouse was also crafted to match the overall theme of the masterplan which is under development by Cytonn and is marked for completion in 2020



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 A/D Architects
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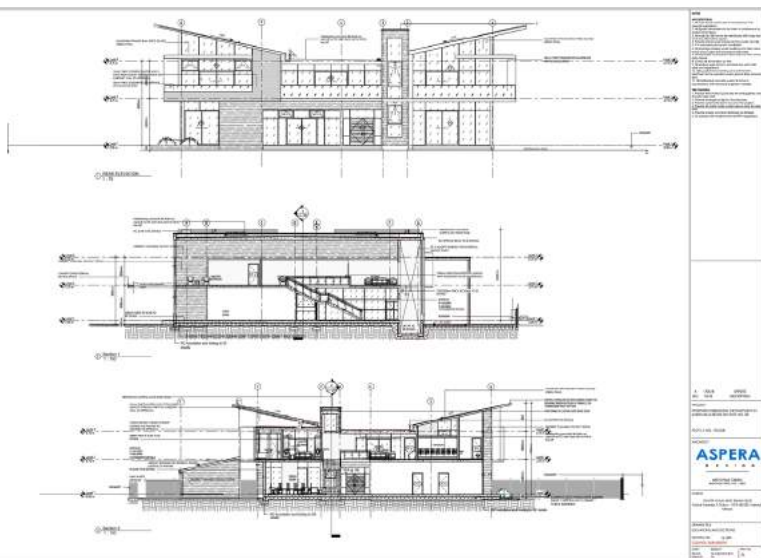
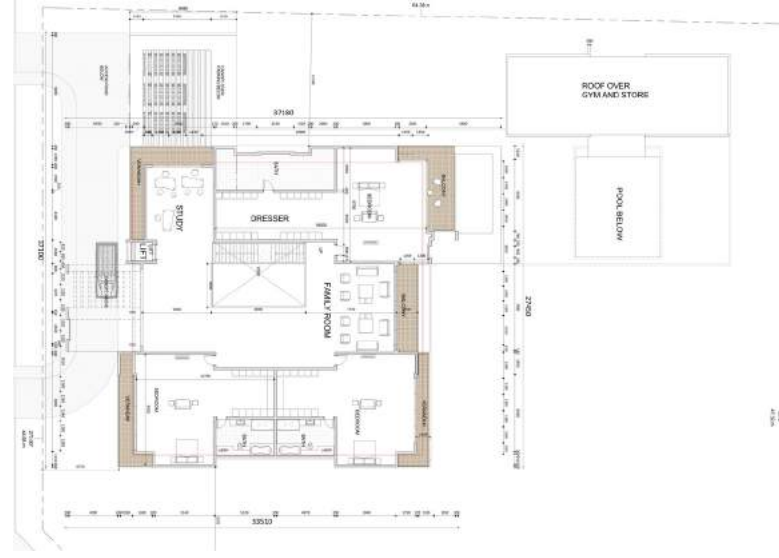
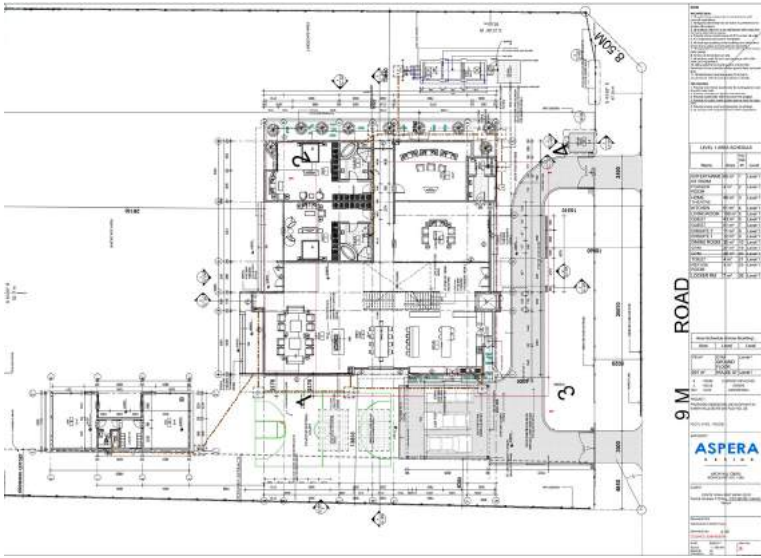
07



THE DOCTOR'S HOUSE

RESIDENTIAL PROJECT

The project is located in Karen under Lordship Africa development masterplan. The Client's preference was a Prairie type of architecture. The design conceptualized first in SketchUp was completed to construction drawings in Revit, the design was completed in 2018 and it is currently under construction.



08

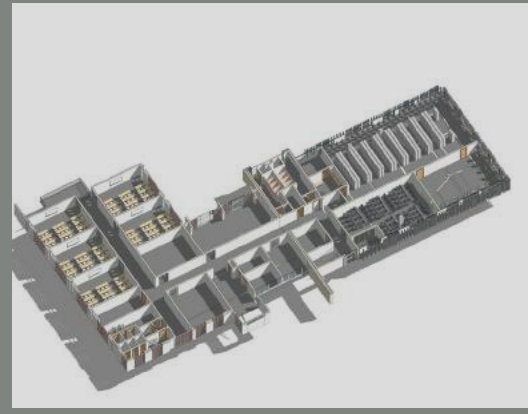
HOPEFUL RAYS ACADEMY

SCHOOL PROJECT

The project is located in Olare town, Homa Bay county. This design was fully conceptualized and designed by myself in full satisfaction of the client whose brief included a modern school design to accommodate 300 students with the inclusion of a library, a multi-use hall and teachers offices. With the warm climate in mind, the project's facade are designed and oriented to facilitate reduction of thermal loads due to the higher temperatures, this is important for the expected populace per room.



GROUND FLOOR



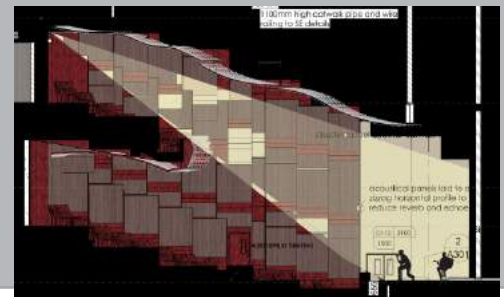
FIRST FLOOR

09

FADD ARCHITECTURE SCHOOL

SCHOOL PROJECT

The project includes an architectural design of a functional school with an auditorium as the main conferencing facility. The project demonstrates in fullness an ingenious response to the slopy site. This was a design fully undertaken in Revit and visualized in Lumion and Twinmotion as a response to the University of Nairobi 3rd year design brief which tested in the ability to respond to steep slopes through a good landscaping design approach including the production of detailed planting plan





THE CONCEPT

DESIGNING A NEW ARCHITECTURAL PROJECT THAT IS A
 STATE-OF-THE-ART AND A SOURCE OF INSPIRATION
 FOR THE FUTURE OF ARCHITECTURE

DESIGNING A NEW ARCHITECTURAL PROJECT THAT IS A
 STATE-OF-THE-ART AND A SOURCE OF INSPIRATION
 FOR THE FUTURE OF ARCHITECTURE

STATE-OF-THE-ART

STATE-OF-THE-ART



IT IS A NEW ARCHITECTURAL PROJECT THAT IS A
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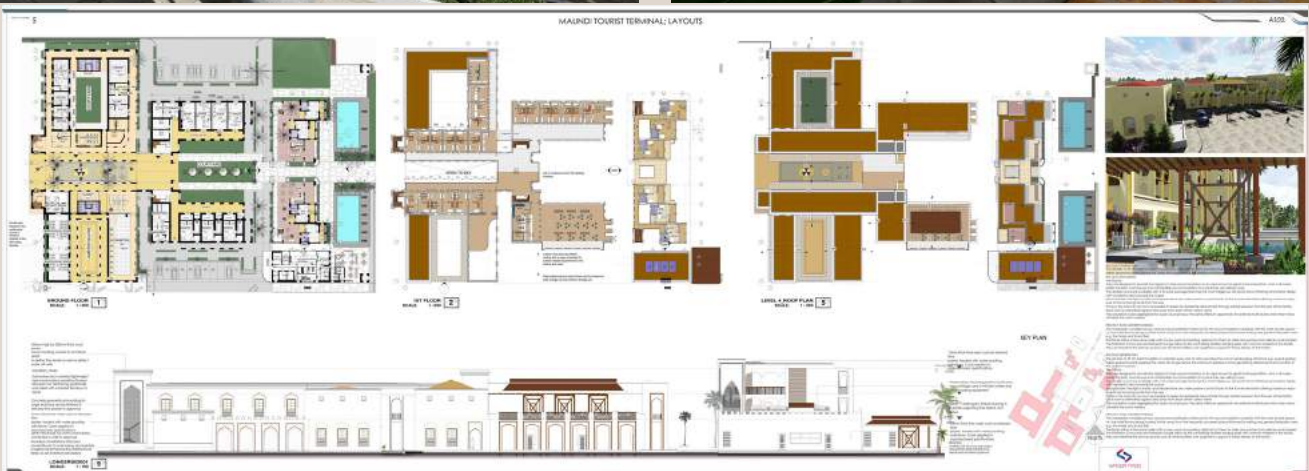
STATE-OF-THE-ART

10

MALINDI INFORMATION CENTER

SCHOOL PROJECT

The design is a response to the coastal climate and the agility to master into the design intricacy with the existing site which borders the shoreline. The design which was a class project focused on bringing out the qualities in the traditional Swahili architecture while sticking with the objective which was to maximize the possibility of the tools offered by Autodesk design suit to produce a sustainable design



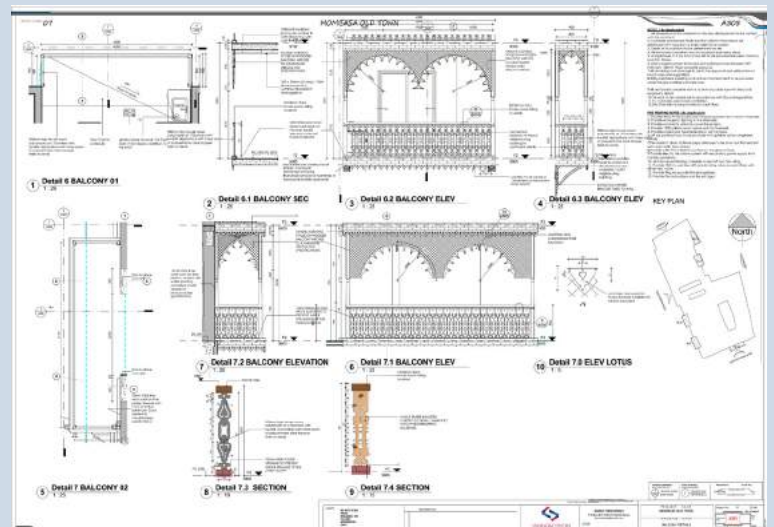
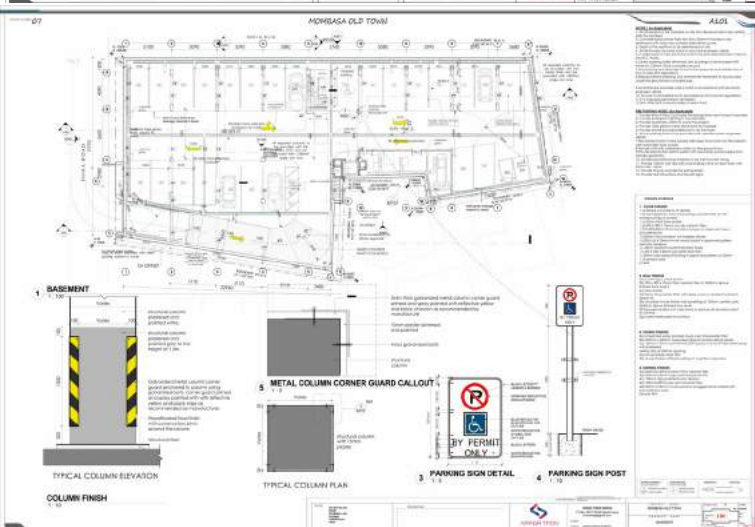
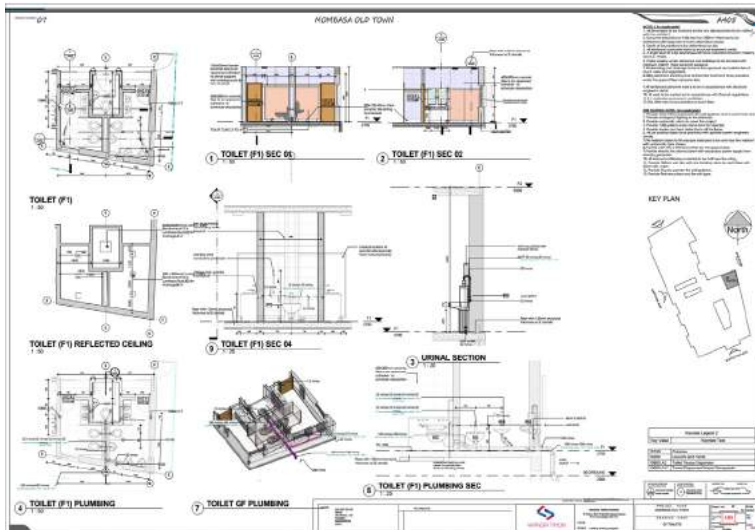
13



MOMBASA OLD TOWN MUD

MIXED USE PROJECT

The site dynamics for this design competition required careful intervention to infill the spaces within the old conservation town of Mombasa in Kenya. The design responds to the character of the old town by carefully infusing the existing details into the design process producing a seamless infill building that resonates with the existing neighborhood



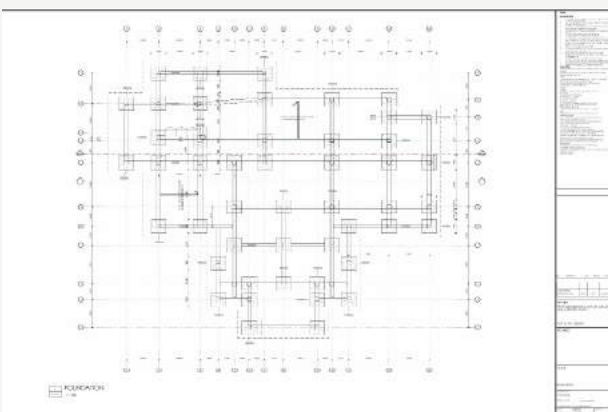
14



RUTH & JOHN'S RESIDENCE

RESIDENTIAL PROJECT

This design located in Kendu bay was done for Ruth and John Awino who also happen to be my parents. It is a simple 4 bedroom house. The design has extensively responded to the clients brief who's main need was an array of rest area along the exterior wall.



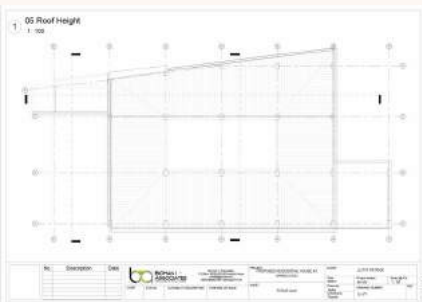
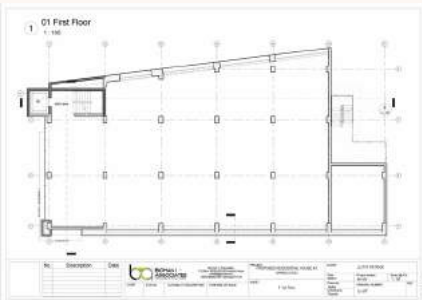
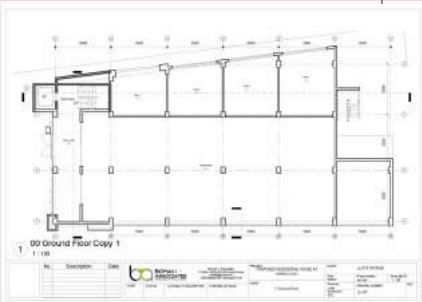
15



LURAMBI PLAZA

COMMERCIAL PROJECT

This project is located in Kakamega county for a commercial developer. It entails a mini-market at the lowest floor with an array of shops at the top. The last floor offers views justifying the location of the restaurant.



16



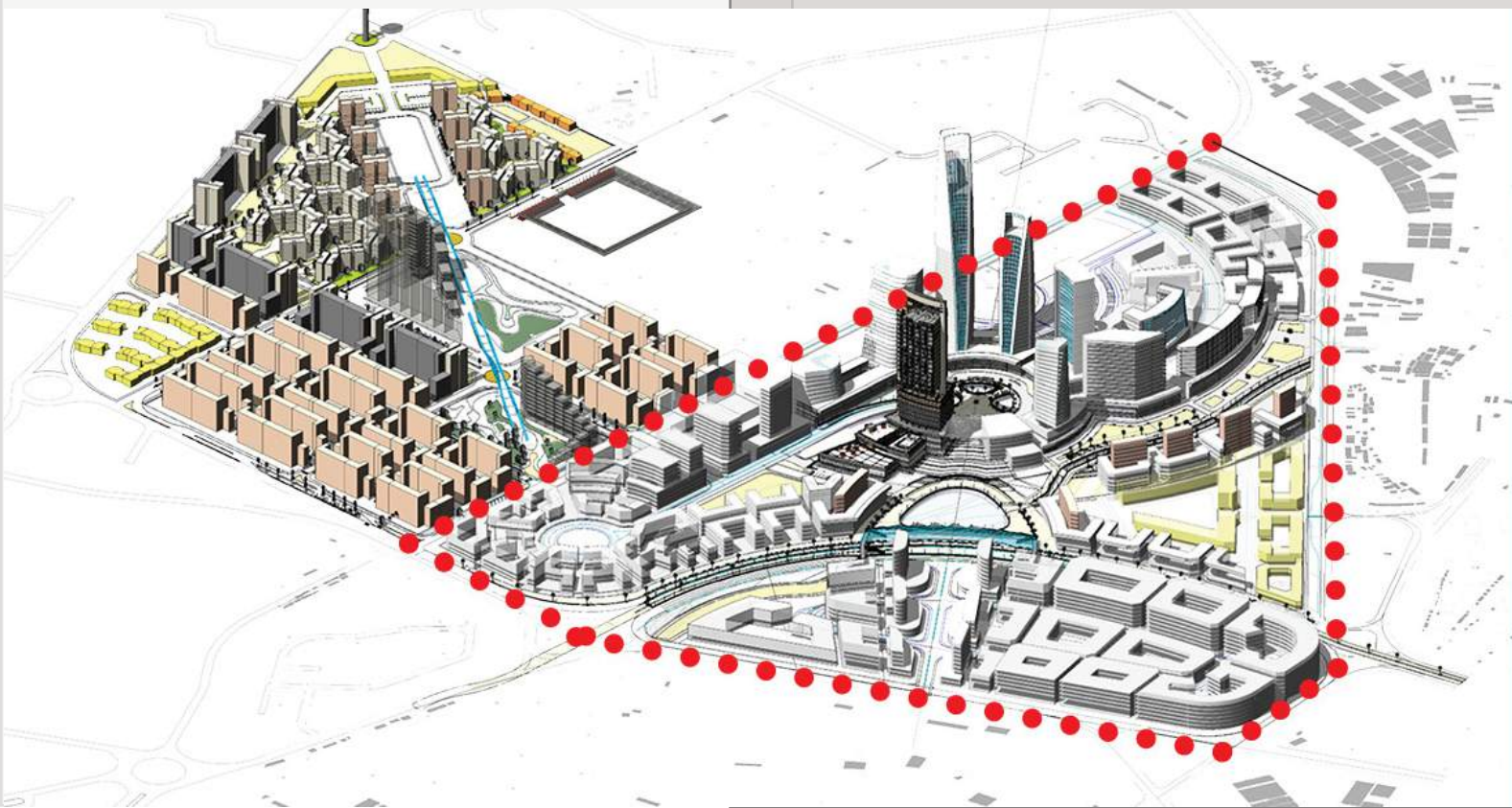
URBAN REGENERATION

PLANNING PROJECT

The project involved the ability to put together into a logical disposition various urban functionalities usually at larger scales hence various buildings are usually involved at this level of planning with the main aim of guiding future developments. Autodesk InfraWorks came into play in the overall infrastructure design

This was the 3rd winning entry for the Design Next Africa competition of 2018

<http://designnextafrica.com/winners/>



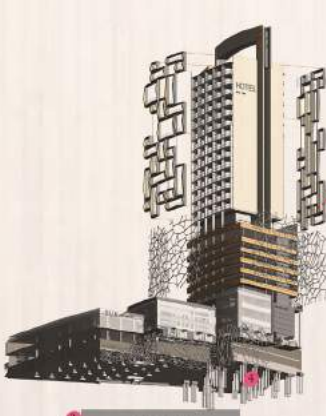
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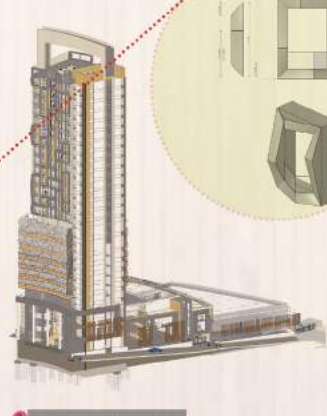
THE FACADE SYSTEM IS DESIGNED TO MATCH THE BUILDING'S STRUCTURE



THE BUILDING IS COMPOSED OF TWO MAIN STRUCTURAL CORES AND A CONNECTING BRIDGE



THE DESIGN IS BASED ON A CONCEPT OF A 'CITY IN A CITY' WITH A MIXED USE PROGRAM



THE DESIGN INCORPORATES THE TOPOGRAPHICAL SLOPE OF THE SITE TO CREATE A NATURAL RAMP DOWN TO THE LOWER LEVELS

THE STRUCTURAL FRAMEWORK IS DESIGNED TO SUPPORT THE MIXED USE PROGRAM

THE BUILDING IS DESIGNED TO BE A MIXED USE DEVELOPMENT



17

MIXED USE DEVELOPMENT

MUD PROJECT

Project Name: MUD PROJECT

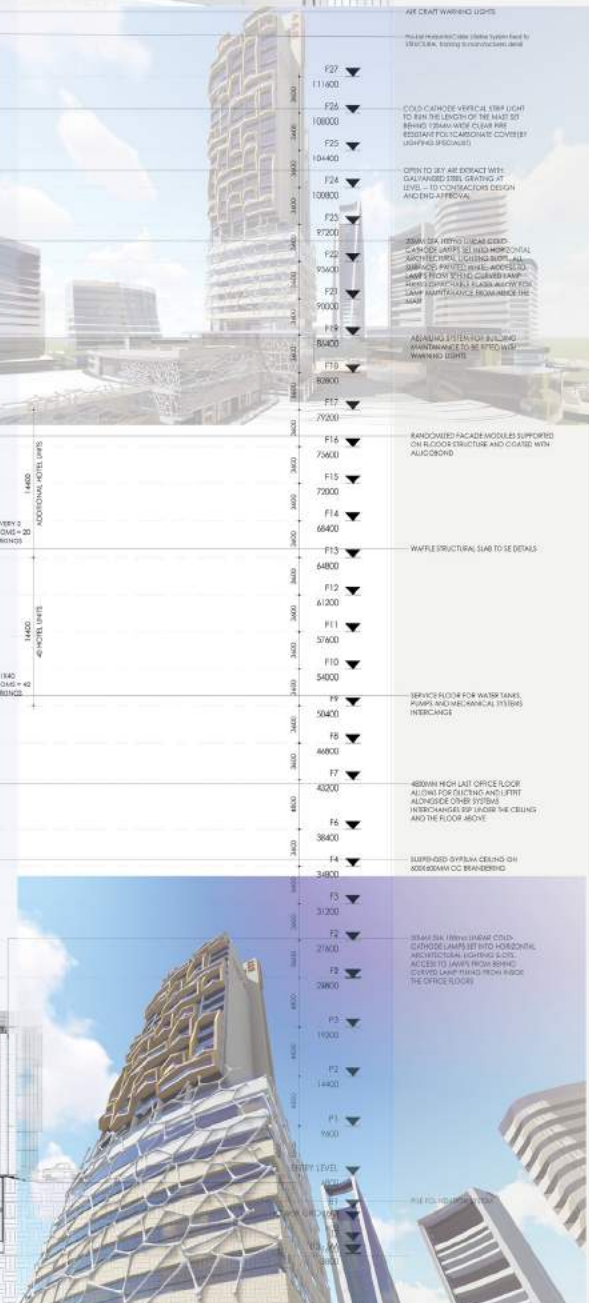
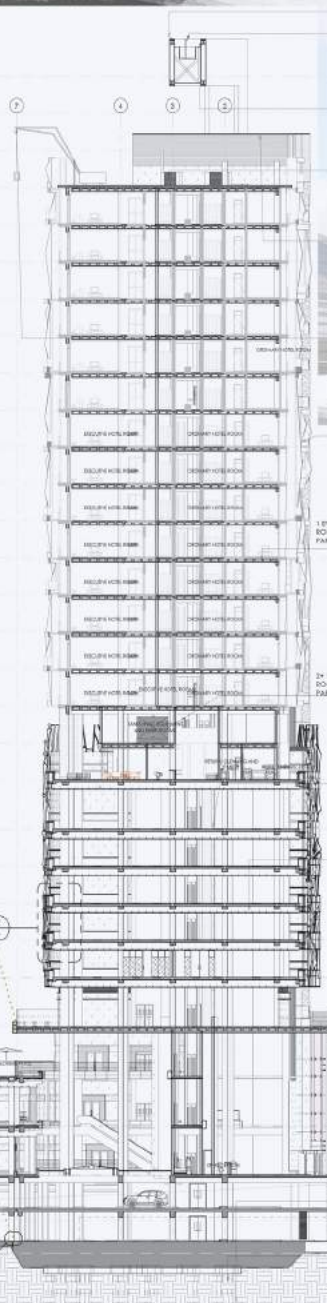
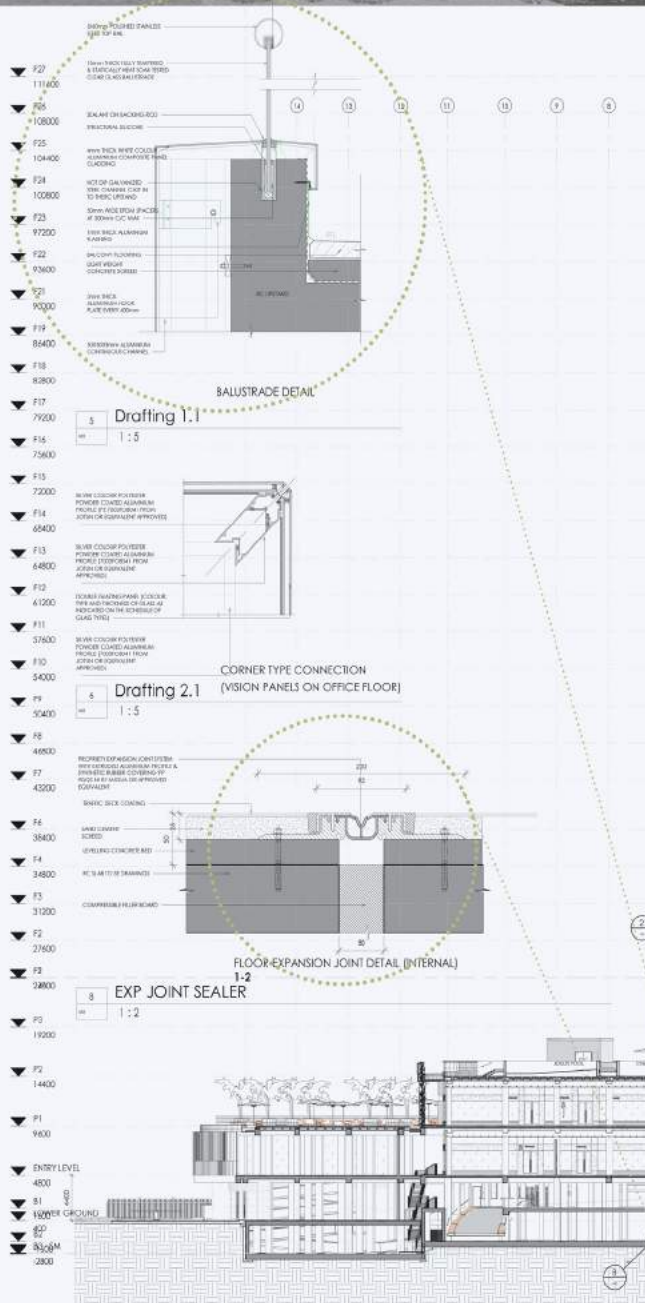
Client: MUD PROJECT

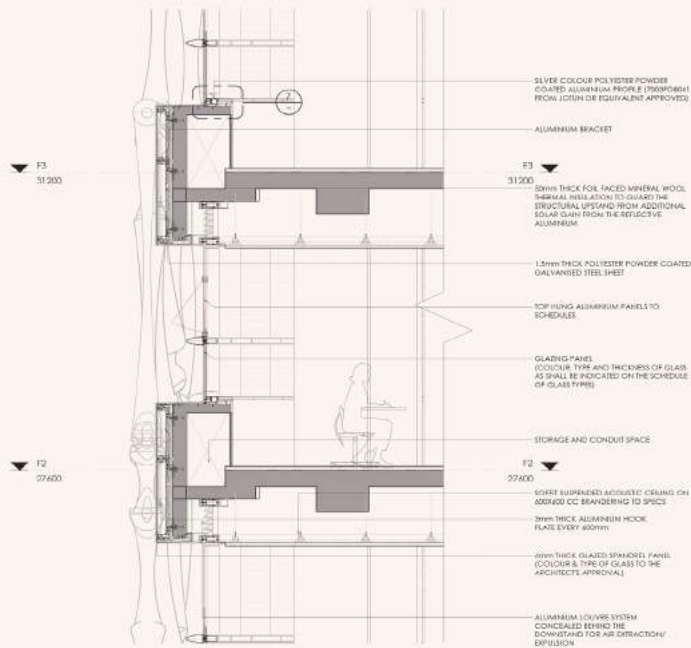
Location: MUD PROJECT

Architect: WANJA TIRON

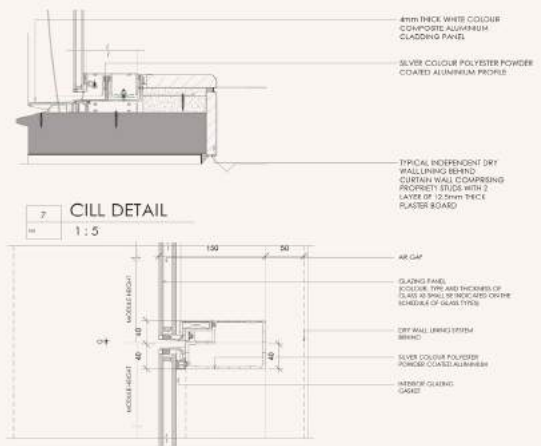
Project Status: PROJECT

This was the 3rd winning entry for the Design Next Africa competition of 2018
<http://designnextafrica.com/winners/>

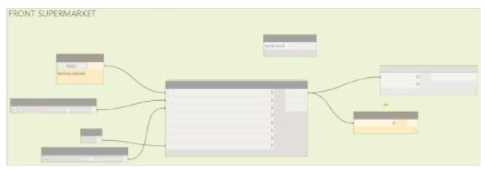
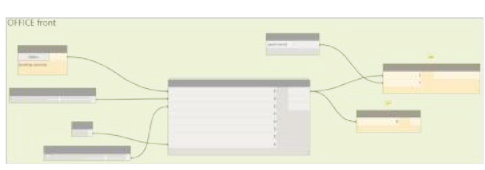




Section 1 - Callout 1
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SECTION STAINLESS STEEL FIN DETAIL
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18

MIXED USE DEVELOPMENT

MIXED USE PLANNING PROJECT

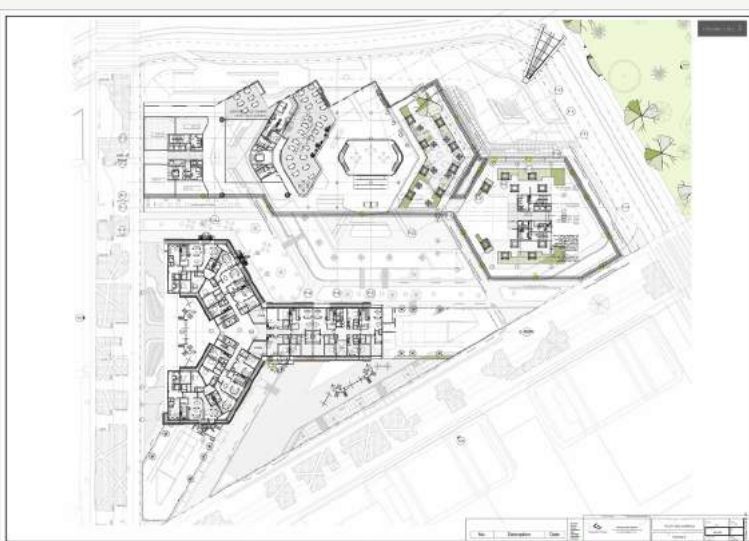
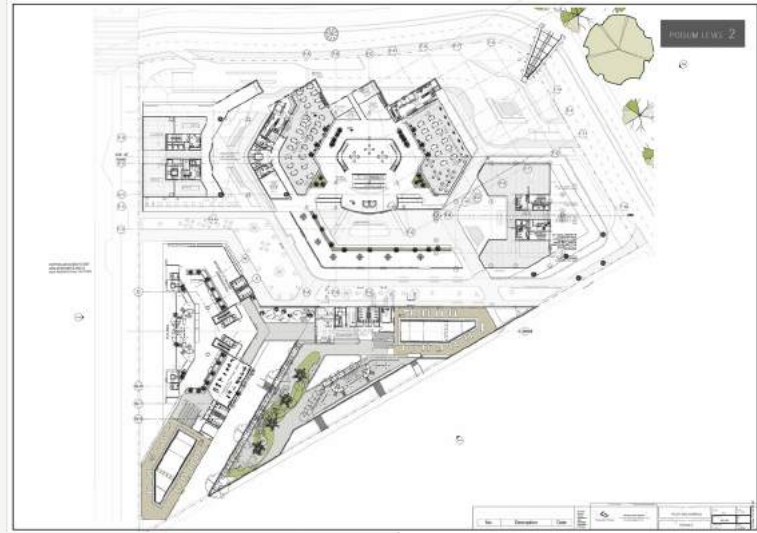
This project involves a mixed architectural experience taken into the design of the mixed use complex anchored on 3 major categories i.e office development, hotel and serviced apartments, rental apartments all bound together by general retail and convenience stores.

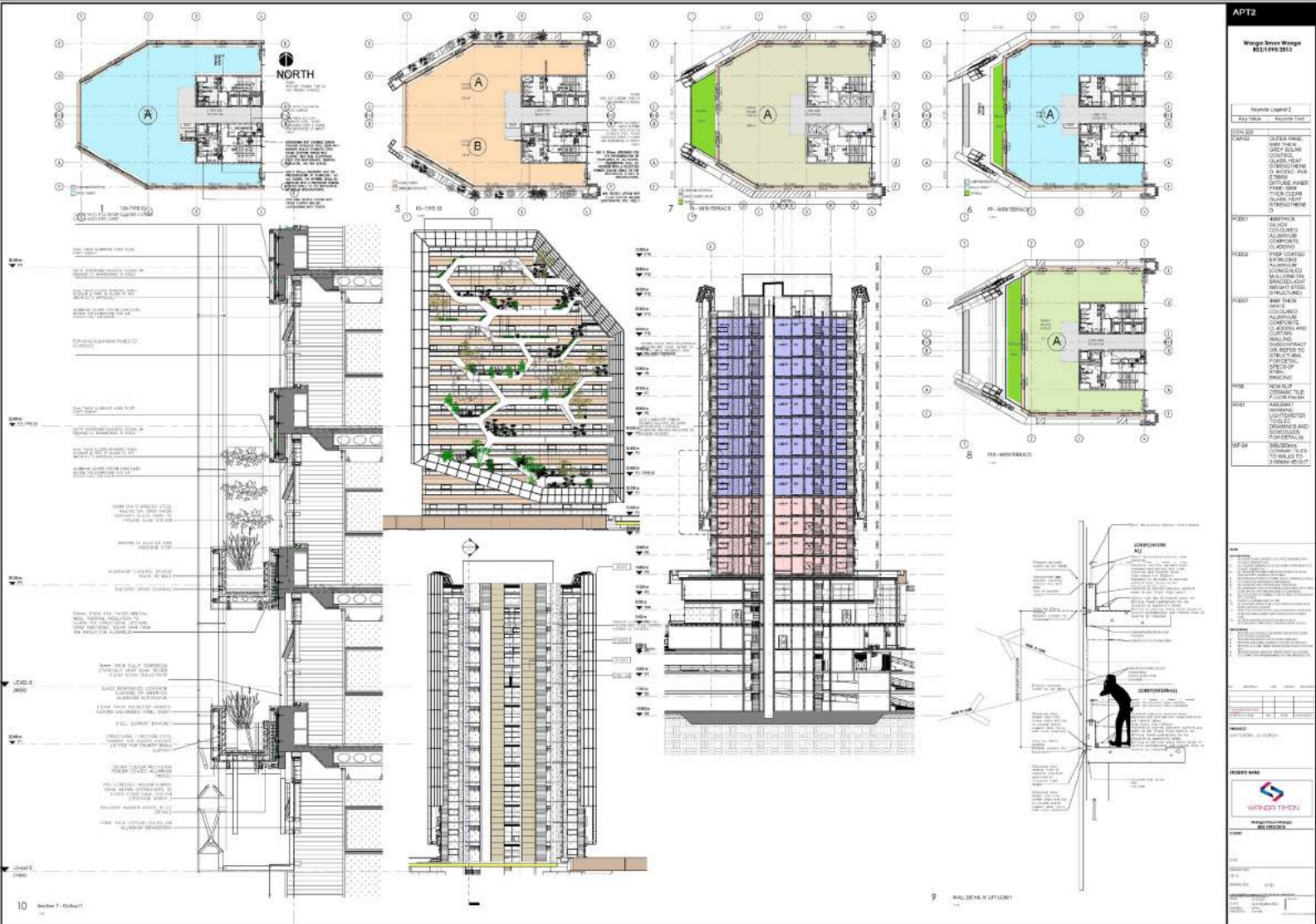
The project concept revolves around the idea that vegetation could be made part of our living environment with the closest association as possible to fully take advantage of this natural format

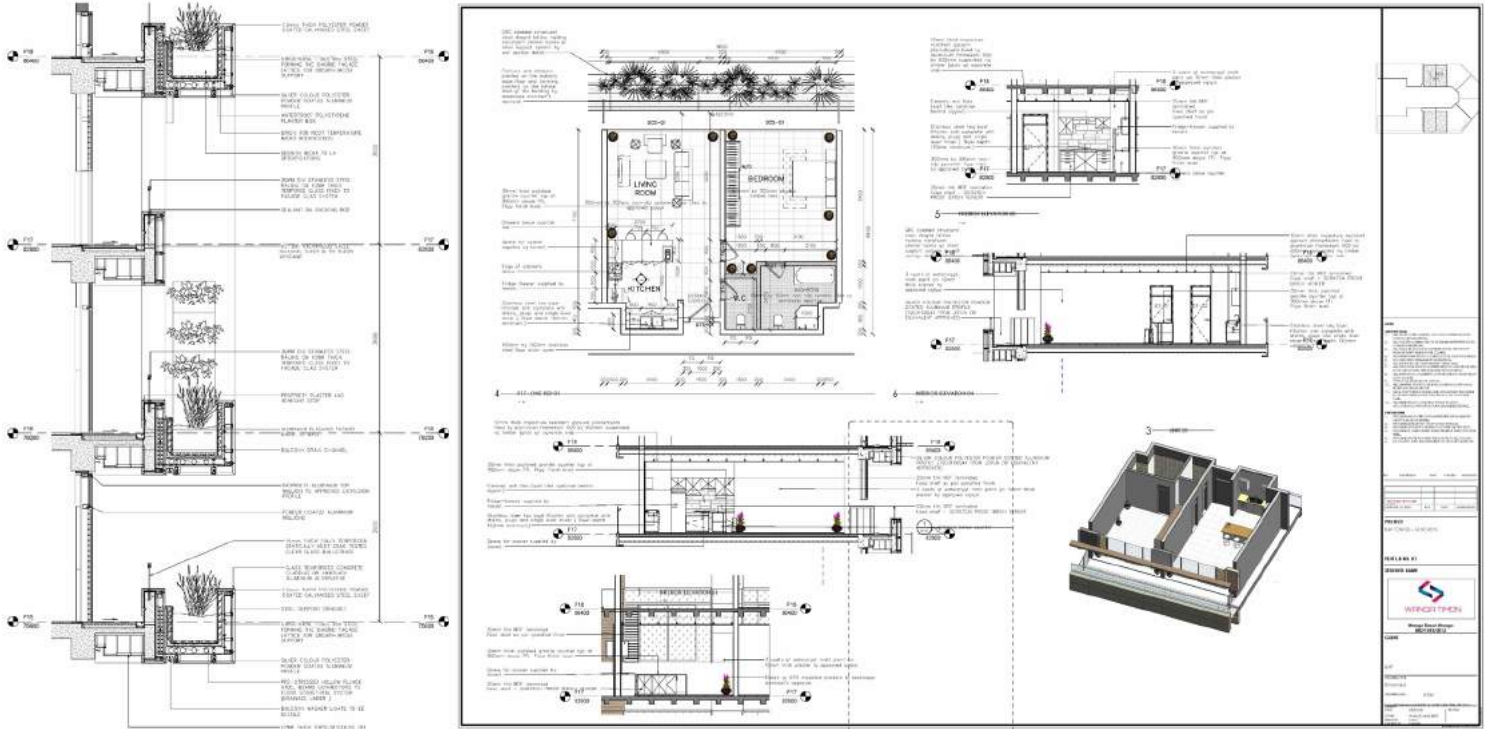
The design project was done in three months as a requirement for the award of a degree in Architecture 2019



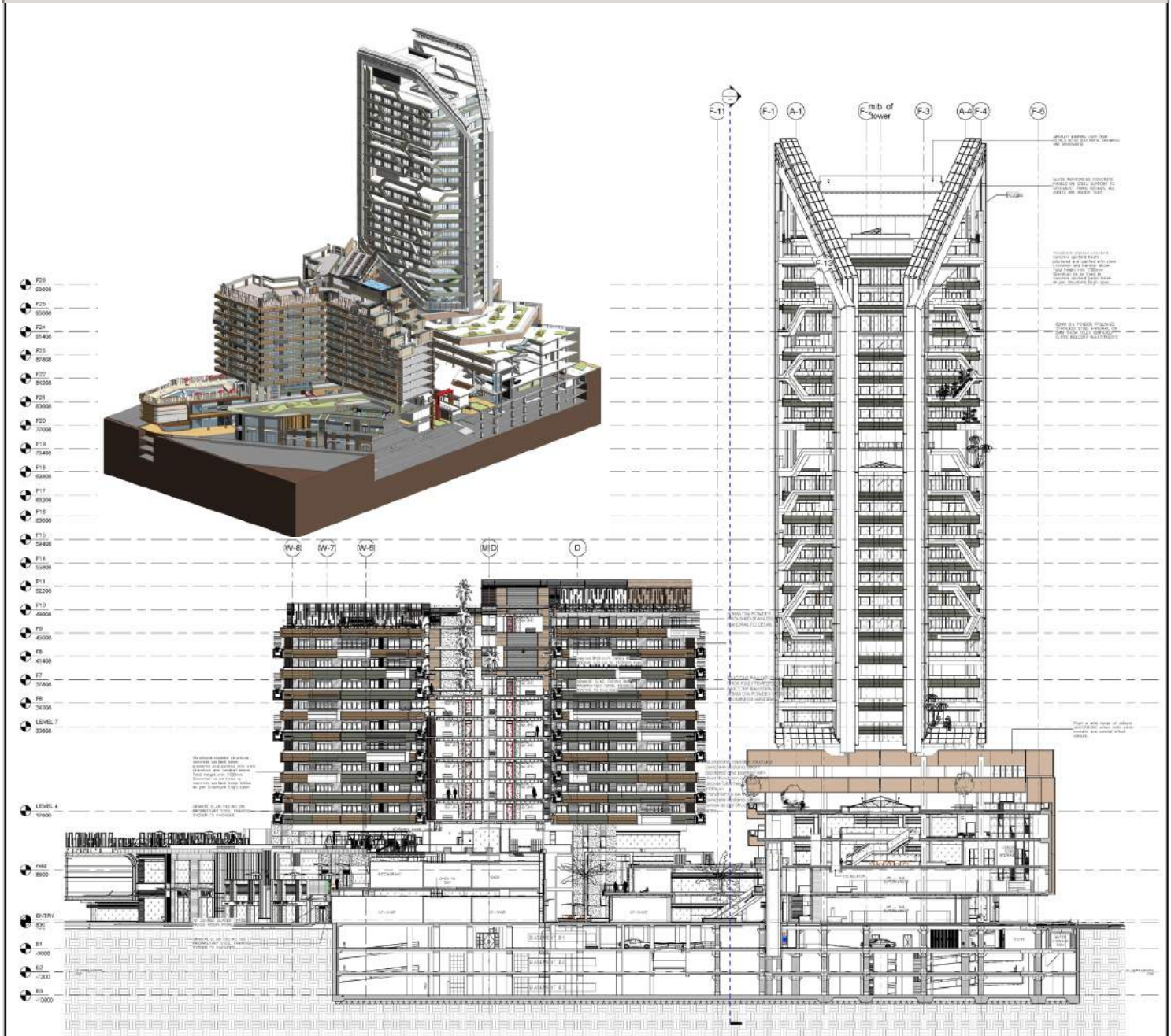


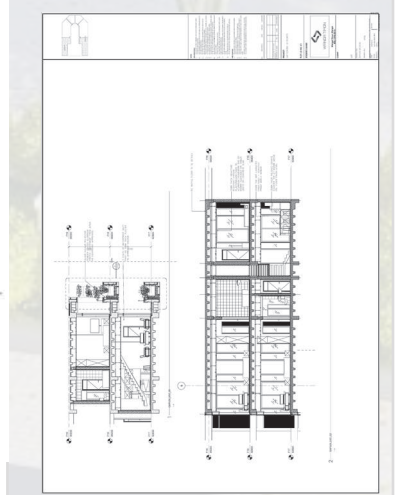
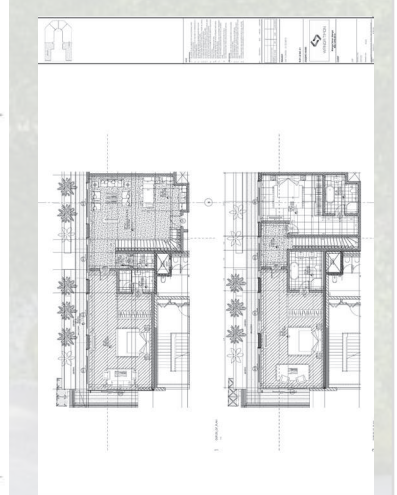
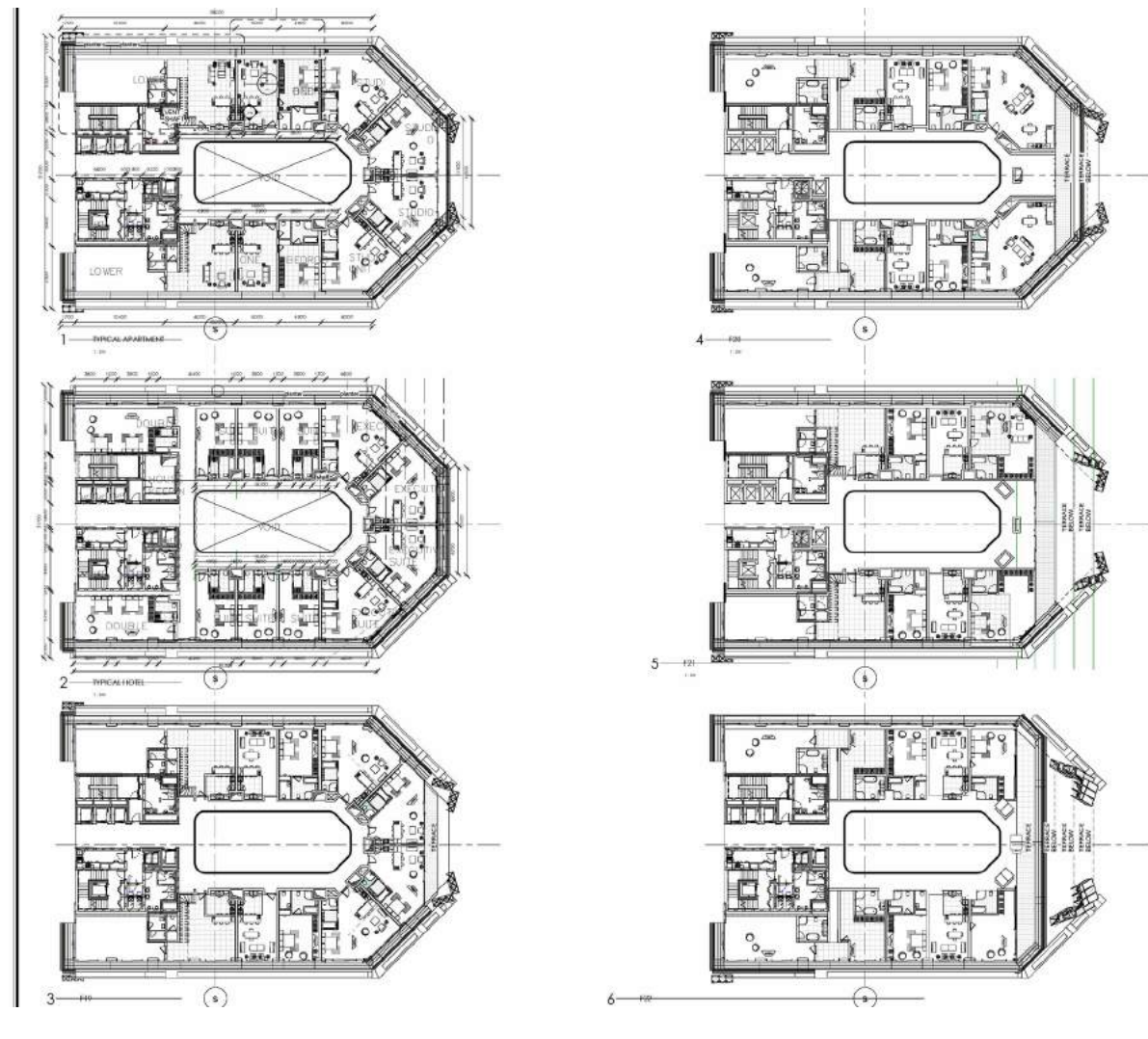
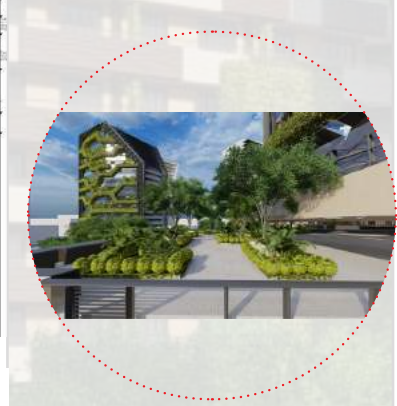
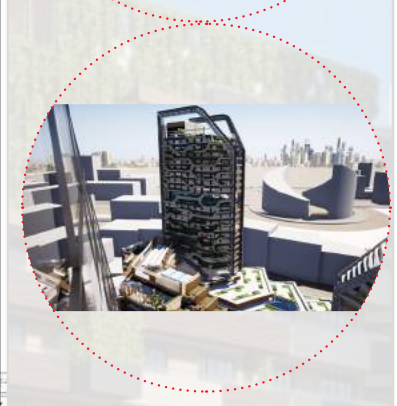
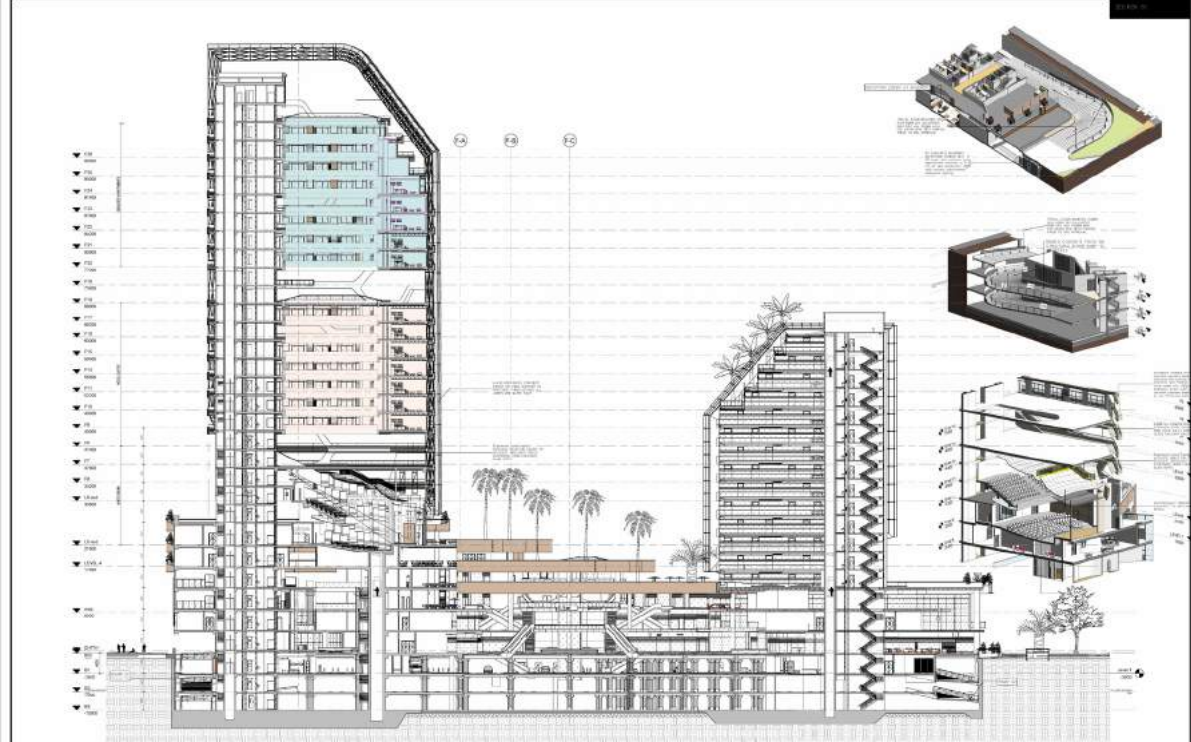
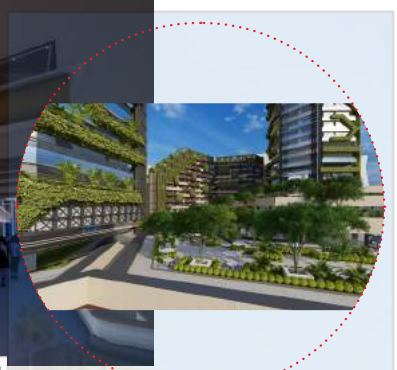






MUD PROJECT - SECTIONAL DETAILS

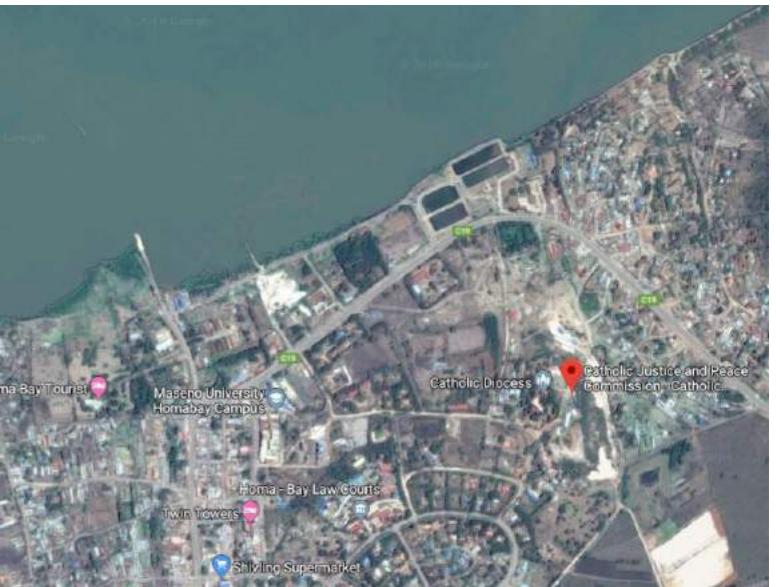




THE PROPOSED HOMA BAY DIO- CESE - CHURCH

THE concept is contextualised in Homa Bay town, a town that enjoys promixity and beneficial adjascency to Lake Victoria, in Kenya. The proporsal seeks to capture the skyline by taking advantage of the existing dorminance of height in the hilly location of the current diocese

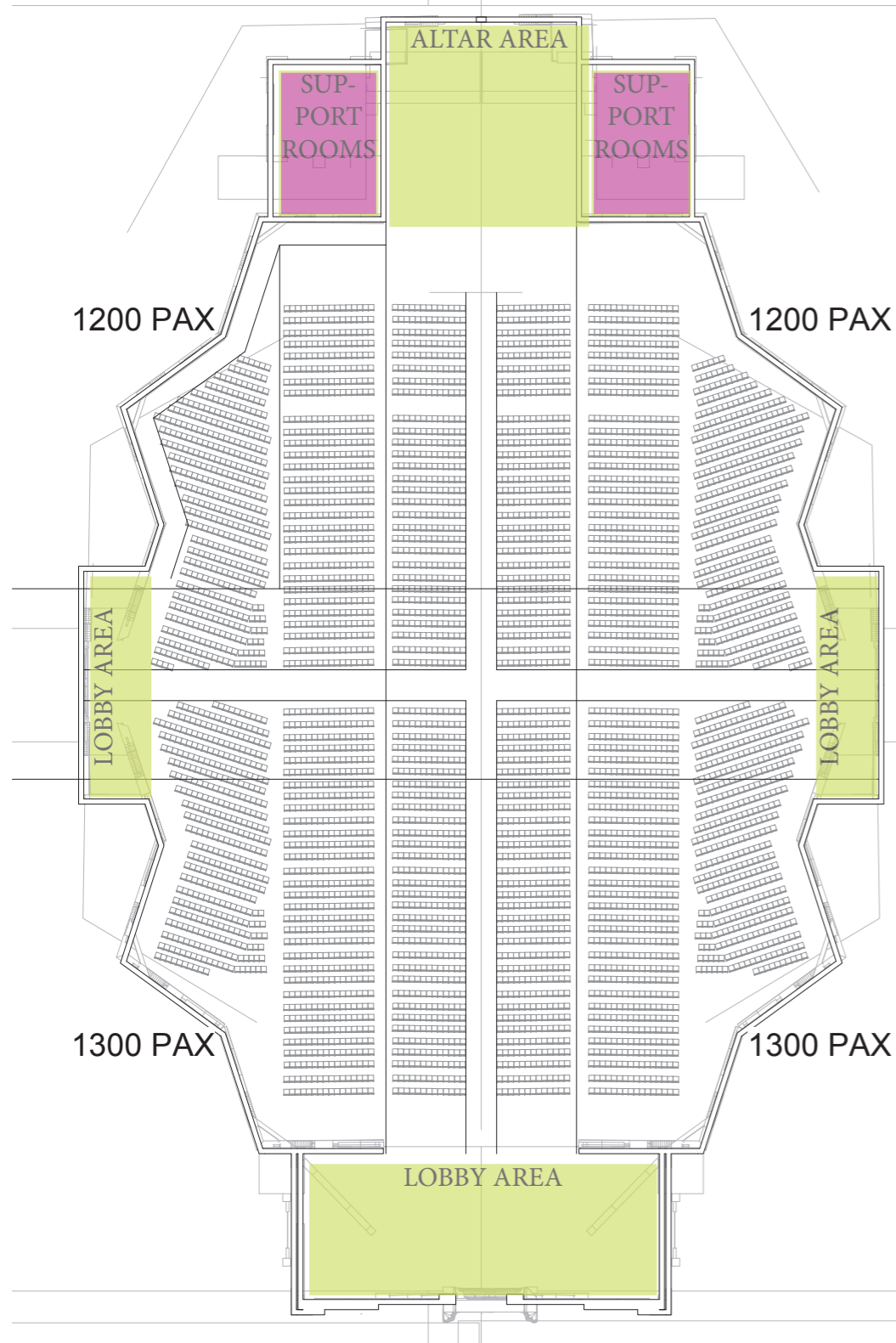
If completed to the design proporsal, the facility will be able to take upto 5000 users in a single sitting



Site location and context . Sourced from Google maps

CAPACITY PROJECTION

THE design concept by preliminary design scheduling reveals a 5000pax accomodation capabilities of the ground floor i.e without an additional terrace seating
 The hall is accessed mainly from the three arms of the cross as an abstraction, while the head is left to host the altar
 Future calculations onto the schematics will be easily adjustable towards an increase or decrease of the total seating capacity
 Support facilities and rooms shall be incorporated into the planning at a more precise design stage; the intent is however as declared in the layout shown on the left.

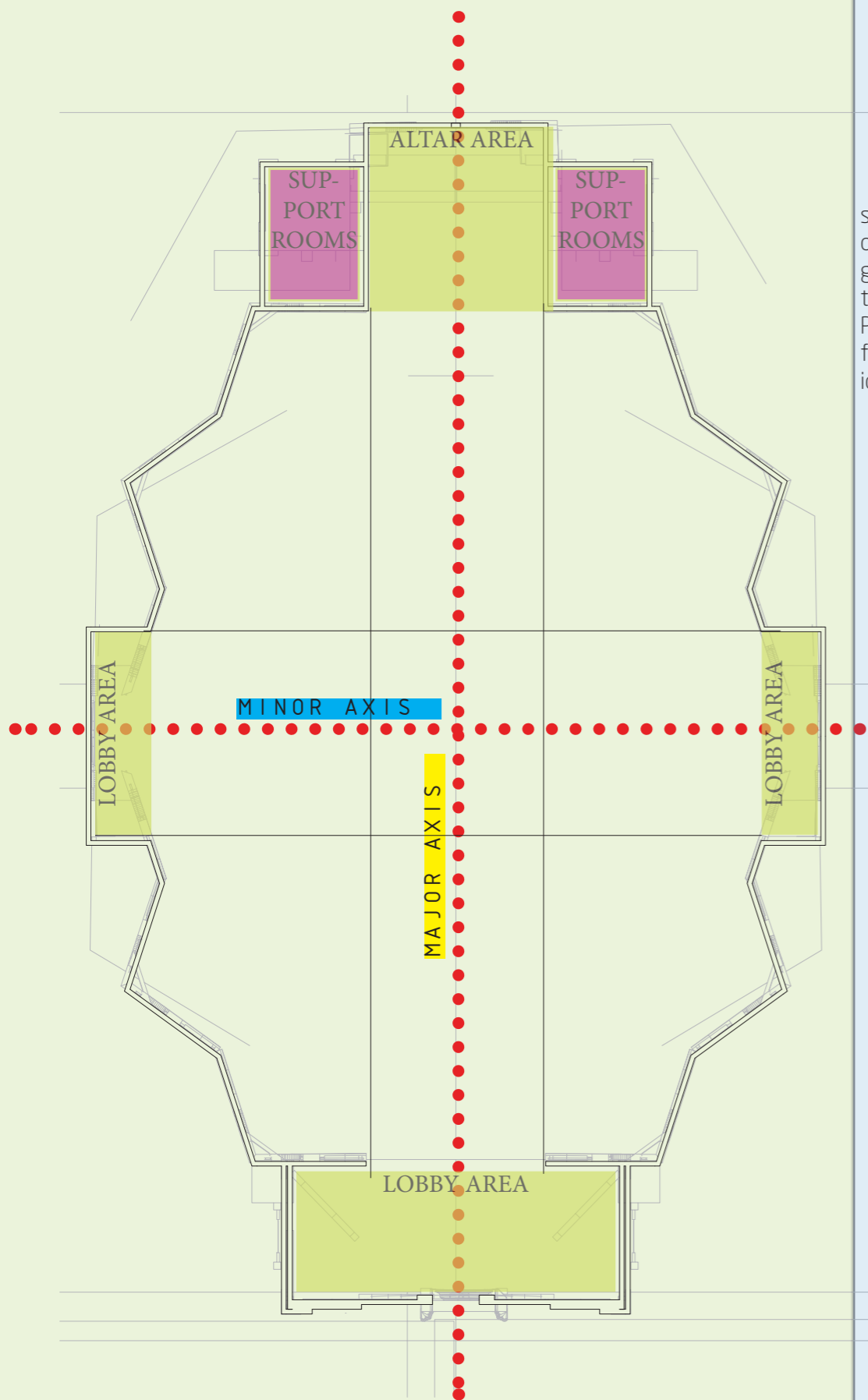


PROJECT	Project Name	ARCHITECTURAL DESIGN BY	 WANGA TIMON WANGA P.O.Box 59529-00100 Nairobi Kenya timonwanga@gmail.com	CLIENT	 Catholic Diocese of Homa Bay P.O BOX 326-40300, HOMA BAY	Project number 0001	Scale (@ A3) 1: 500	
PURPOSE OF ISSUE		STRUCTURAL DESIGN BY	 OLIVER OTIENO KISERA P.O.Box 59529-00100 Nairobi Kenya oliverkisera@gmail.com	APPROVED BY	Approver	DRWING NUMBER A101	REV	
SHEET ACCOMODATION PROJECTION								

11-Sep-18 3:27:22 AM

DESIGN CONCEPT

THE design concept originates from the simplicity of the cross in trying to inform the overall layout for the major and minor axes ; giving a kickstart to the overall functional allocations
 Proportionalism and abstraction dominates the form making with a bit to create an identifiable icon for both Homa Bay and the whole world



PROJECT	Project Name	ARCHITECTURAL DESIGN BY	 WANGA TIMON WANGA P.O.Box 59529-00100 Nairobi Kenya timonwanga@gmail.com	CLIENT	 Catholic Diocese of Homa Bay P.O BOX 326-40300, HOMA BAY	Project number 0001	Scale (@ A3) 1:500
PURPOSE OF ISSUE		STRUCTURAL DESIGN BY	 OLIVER OTIENO KISERA P.O.Box 59529-00100 Nairobi Kenya oliverkisera@gmail.com	APPROVED BY	Approver	DRWING NUMBER A102	REV
SHEET CONCEPT DEVELOPMENT							

DESIGN CONCEPT

THE design by most geometrical projections attempt to borrow and abstract from the historic design movements which went into the design of the earliest Cathedrals and Churches ; among them the Gothic design movement



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PURPOSE OF ISSUE		STRUCTURAL DESIGN BY	 OLIVER OTIENO KISERA P.O.Box 59529-00100 Nairobi Kenya oliverkisera@gmail.com	APPROVED BY	Approver	DRWING NUMBER A103	REV
				P.O BOX 326-40300, HOMA BAY		SHEET Unnamed	

DESIGN CONCEPT

ACOUSTIC design is also a major concept into the non parallel side walls layout eliminating most of the volumetric echoes into the structure



PROJECT	Project Name	ARCHITECTURAL DESIGN BY	 WANGA TIMON WANGA P.O.Box 59529-00100 Nairobi Kenya timonwanga@gmail.com	CLIENT	 Catholic Diocese of Homa Bay	Project number 0001	Scale (@ A3)
PURPOSE OF ISSUE		STRUCTURAL DESIGN BY	 OLIVER OTIENO KISERA P.O.Box 59529-00100 Nairobi Kenya oliverkisera@gmail.com	APPROVED BY	Approver	DRAWING NUMBER A103	REV
				P.O BOX 326-40300, HOMA BAY		SHEET Unnamed	

DESIGN CONCEPT

FACADE design is a simple abstraction from the cross inscribed into a pentagon giving the facade its proportions



PROJECT	Project Name	ARCHITECTURAL DESIGN BY	 <p>WANGA TIMON WANGA P.O.Box 59529-00100 Nairobi Kenya timonwanga@gmail.com</p>	CLIENT	Project number 0001	Scale (@ A3)	REV	
PURPOSE OF ISSUE		STRUCTURAL DESIGN BY	 <p>OLIVER OTIENO KISERA P.O.Box 59529-00100 Nairobi Kenya oliverkisera@gmail.com</p>	APPROVED BY	DRWING NUMBER A103 SHEET Unnamed		01-Sep-18 3:27:32 AM	
			 Catholic Diocese of Homa Bay P.O BOX 326-40300, HOMA BAY		Approver			

11



PARBATH RESI- DENCE

RESIDENTIAL PROJECT

This is a residential house for a client in Saudi Arabia linked to one of the projects mentioned above, the concept has been done in sketchup and i have translated it to Revit for the first schematics for approval by the client



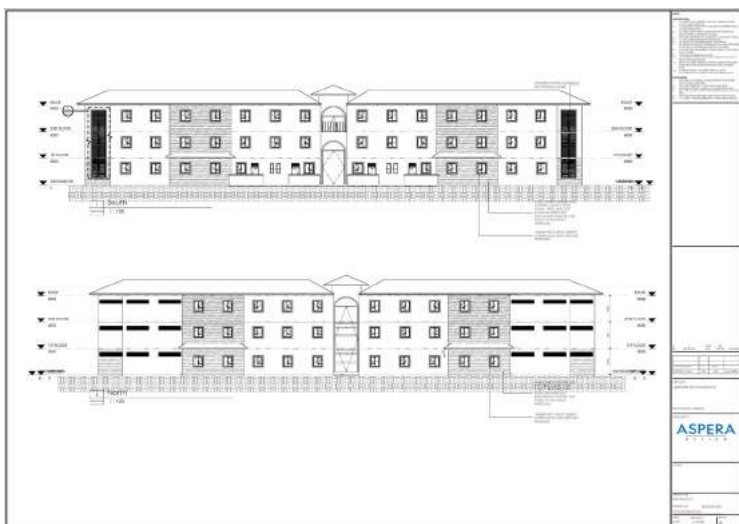
NO.	DESCRIPTION
1	FOUNDATION
2	GROUND FLOOR
3	FIRST FLOOR
4	SECOND FLOOR
5	ROOF
6	MECHANICAL
7	ELECTRICAL
8	PLUMBING
9	PAINTING
10	LANDSCAPING
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12

COLOMBO MIXED USE DEV

RESIDENTIAL PROJECT

This development located in Sri Lanka composes of a mixed use housing with several typologies e.g 2 BED - This two bedroom apartment is part of a master plan developed for a Cement processing company in Sri Lanka whose aim was to get all their categories of workers housed within the same facility. The project was undertaken in sketch up for concept development and then Revit by myself as indicated in the drawings. The status of the project is still ongoing in terms of construction with the Labor accommodation on completion





AWARD CERTIFICATE

This certificate is presented to

Timon Wanga

For winning **Third Prize** in the **Building Design** category of
DesignNext Africa 2018 International Student Design Competition
on 25 October 2018

 **AUTODESK**. Make anything.

tozer
marketing
& events

UNIVERSITY OF NAIROBI



This is to certify that

Timon Wanga Wanga

having satisfied the requirements
for the award of the degree of the

BACHELOR OF ARCHITECTURAL STUDIES

First Class Honours

was admitted to the degree
at a Congregation held at
this University on the

Twenty Second Day of September in the Year
2017

VICE-CHANCELLOR

DEPUTY VICE-CHANCELLOR (ACADEMIC AFFAIRS)

CV

WANGA TIMON WANGA

Born in Homa Bay, KE
Lives & works in Nairobi, KE
timonwanga@gmail.com
+254700040330

Education

2017- date Bachelors of Architecture
University of Nairobi

2013 - 2017of Architectural Studies (1st Class Hons)
University of Nairobi

2008 - 2011Kenya Certificate of Secondary Education (A - 86.68 out of 100 - 1st Position Migori; 39th position nationally)- St Joseph's Rapogi High School

Masogo Primary School
Graduated: December 2007 - Top in Got Oyaró Zone; 399 out of 500

Experience

2011 - Cashier. At Bliss Park Tourists Hotel in Migori Town.

2012 - Assistant tutor. Sombro School.

2015 - TRIAD Architects. For 4 months, I interned at TRIAD architects engaging at the Schematic and Tender Design stage of AVIC African Headquarter towers in Nairobi

2016 - ASPERA Design; Fully involved at initial and advanced schematic design of Cyttonn's The Ridge, Project completion set for 2020

2017 – DATE. Design - Involved in ALL design stages except Inception and practical completion for the number of projects i.e the River Run, the Ridge, Miotoni Ridge, Dr Wala's House and Cyttonn Towers

Grants & Awards

2011- Best Student in Migori County, 39th Position Nationally KCSE

2017 - Hons Degree - 1st Class Hons, Bachelors of Architectural Studies

2018 - For winning Third Prize in the Building Design category of DesignNext Africa 2018 International Student Design Competition on 25 October 2018 (<http://designnextafrica.com/winners/>)

Skills

SOFTWARES:

Autodesk® REVIT®
Autodesk® Fusion®
Dynamo for Revit
Autodesk® Civil3D®
Autodesk® InRoads®
Adobe Indesign®
Adobe Photoshop®
Sketchup Pro®
Lumion®
TwinMotion®

OTHER:

Architectural Sketching (70%)
Computational Site grading (90%)
Detail Design (90%)
Schematics
Site Inspection
BIM Co-ordination

Publications

2016 - Video Publications on Autodesk ® Revit®

Follow vid- Youtube : <https://www.youtube.com/watch?v=cp-ifaTIWGc&list=PLnO IOy6Lj0e5FlBa wXx4zOlkErJhmyr>.

2019 – Thesis on INTEGRATION OF VEGETATION IN HIGHRISE BUILDINGS – A CASE OF NAIROBI- Presented to The Academic Faculty in Partial Fulfillment of the Requirements for the Degree BACHELOR OF ARCHITECTURE in the UNIVERSITY OF NAIROBI

Referees

1. ASPERA DESIGN
The Watermark Business Park, Ndege Rd, Karen
P.O BOX 15877-00509, Nairobi, KENYA
info@speradesign.co.ke
2. TRIAD ARCHITECTS
TRIAD HOUSE, 83 Muthaiga Road,
P.O. Box 30725,
Nairobi - 00100, Kenya.
Tel: 3749655/6/8
Fax: 3740721/54
Email: info@triad.co.ke
3. University of Nairobi
Department of Architecture