

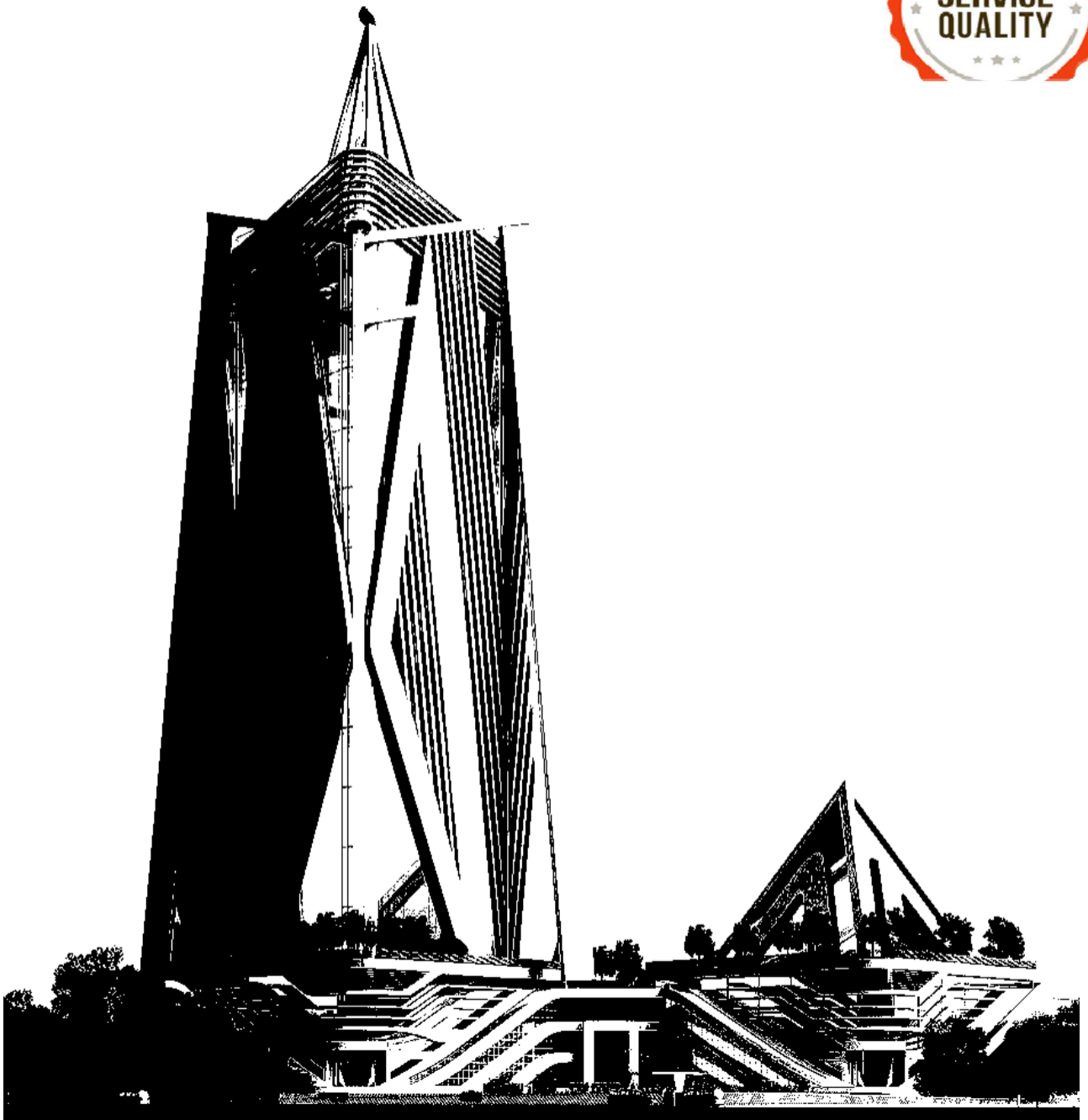
**BIOSYSTEMS CONSULTANTS
LTD+BRUNNEL ++ CONSTRUCTION
COMPANY LTD PRACTICE PROFILE**

2021

**ARCHITECTURE+ENGINEERING
+CONSTRUCTION+RENEWABLE ENERGY+REAL
ESTATE INVESTMENT ADVISORY**



<https://www.biosystemsconsultants.com>



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1.INTRODUCTION



1.1.COMPANY PROFILE

Biosystems consultants are a progressive architectural practice providing high quality architectural services for both the domestic and commercial sectors. We are committed to low energy sustainable design providing appropriate, imaginative, cost effective and technical solutions to meet our client's individual requirements. We implement and manage our input into each project to the highest professional standards, meeting with our clients requirements with clear communication throughout the project.

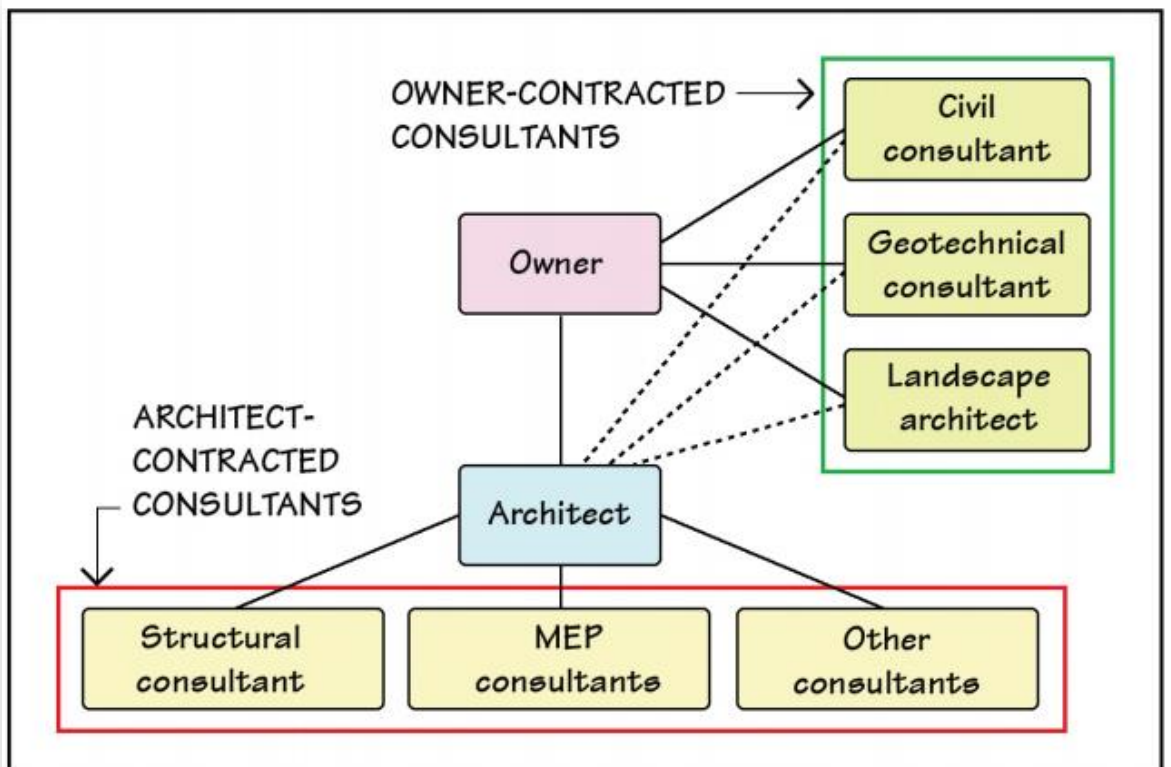
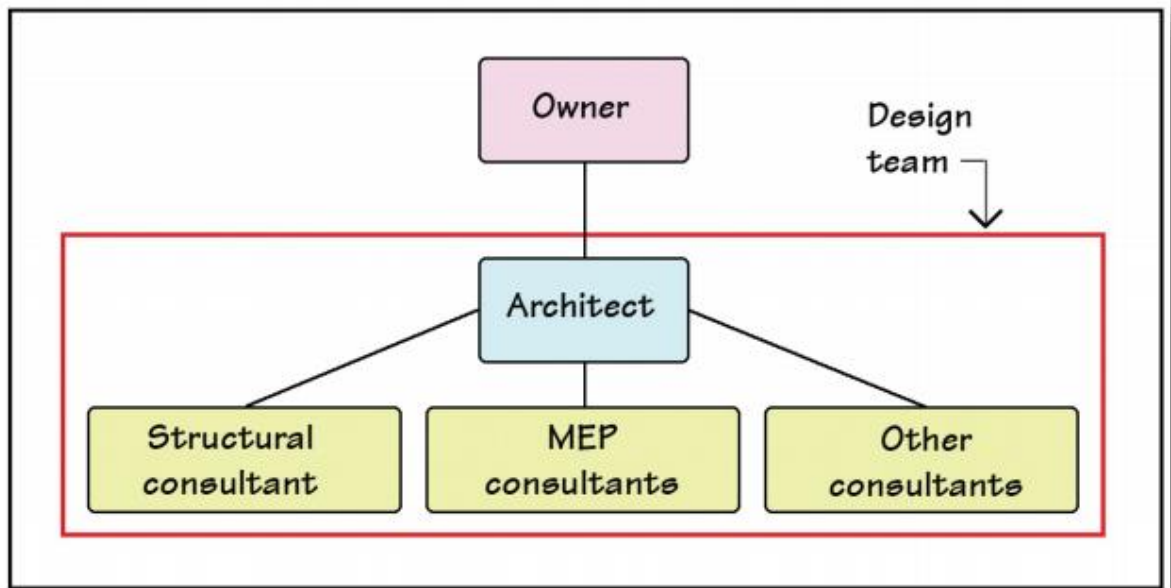
Biosystems consultants are led by Arch.Dancan odhiambo who has over 12 years' experience working with leading Architectural Practices in Kenya and has successfully completed a broad spectrum of projects both nationally & internationally.

Biosystems consultants provide a high quality service, having a reputation for delivering exceptional design, production information and management of projects at all stages.

The principles which drive our quality services are:

- Identify the client's needs and develop their brief
- Use of specialist consultants as and when required
- On-going CPD training
- Researching and developing best practices
- Effective & efficient turnaround of information

1.1.DESIGN TEAM



1.2.Membership of professional bodies



Board of Registration of Architects and Quantity surveyors of Kenya (BORAQS)



AAK | PROMOTING EXCELLENCE
IN THE BUILT ENVIRONMENT

Architectural Association of Kenya



National construction authority



2.0.Architectural services



2.1. Architectural services

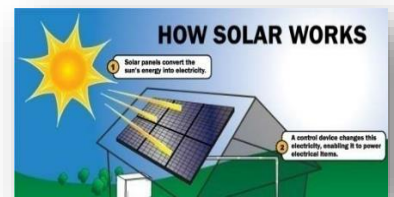
Biosystems consultants provide Architectural Services on a range of developments from small scale residential projects including one off houses, extensions and refurbishments to commercial developments.

Biosystems consultants have extensive experience in low energy / passive solar design projects both residential and commercial. As Certified European Passive House designers we strive to implement these principles within all projects.

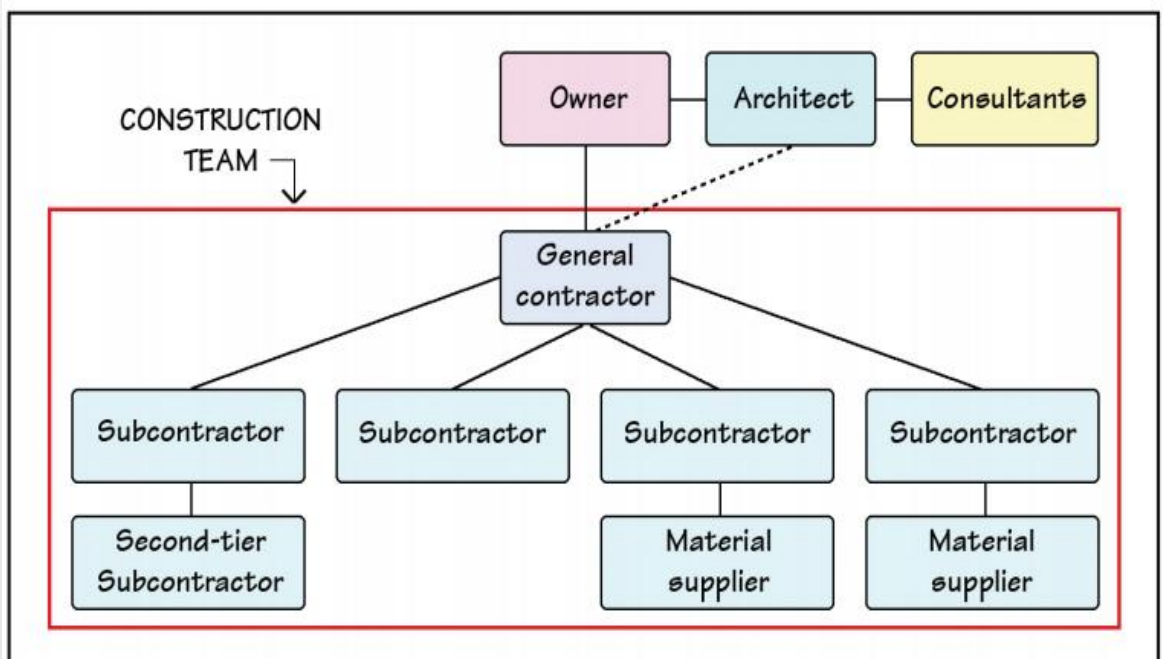
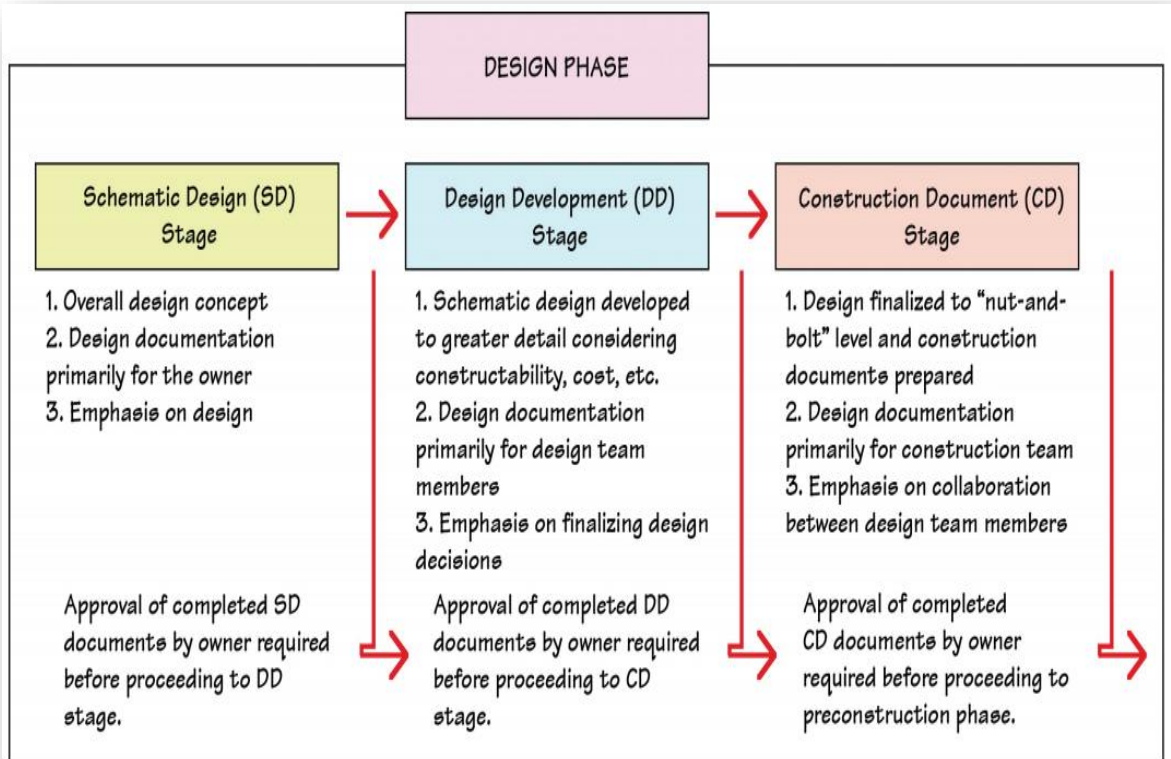
Biosystems consultants also provide a BIM modeling, design, technical & drafting outsource service to Architectural & Engineering practices and Construction companies.

The following are some of the services we provide: - Feasibility Studies

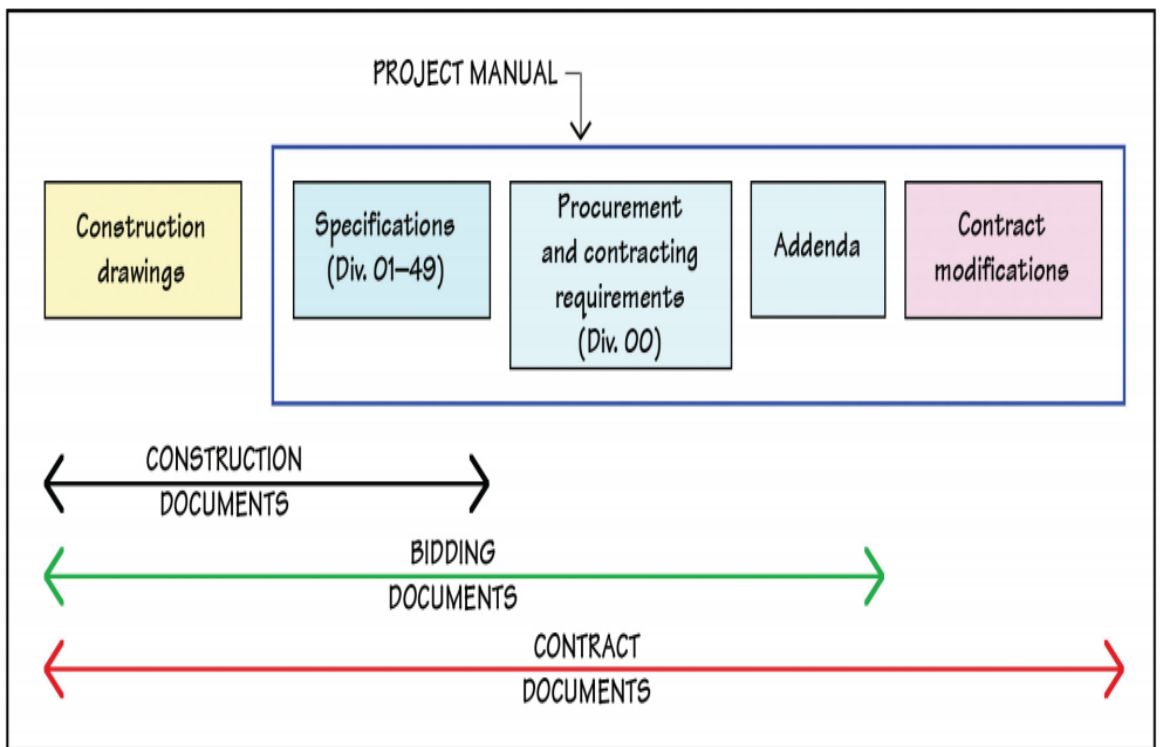
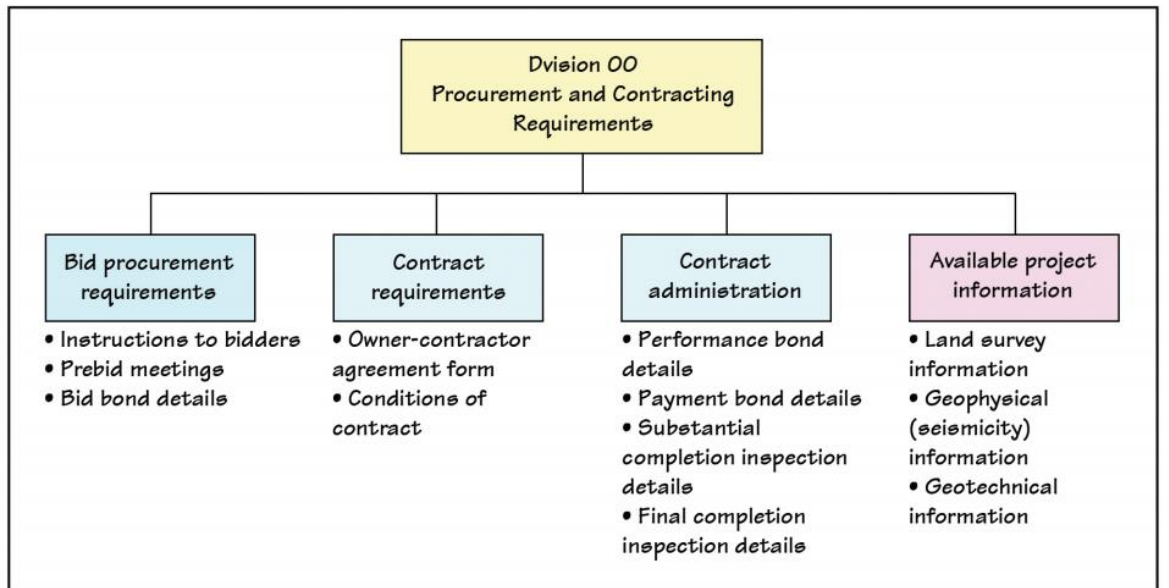
- - Measured Surveys
- - Design Solutions
- - Interior Design
- - Planning Applications
- - Fire Safety & Disabled Access Certificate Applications
- - Tender Information Packages
- - Construction in liaison with in-house prequalified contractors
- - Real estate investment advisory
- - Renewable energy, Solar, Biogas, Wind
- - Project Management
- - Contract Administration
- - Building Information Modeling (BIM) & 3D Visualization
- - Condition Reports, Defect/Snag lists
- - Compliance Certification
- - Conservation works in conjunction with specialist consultants



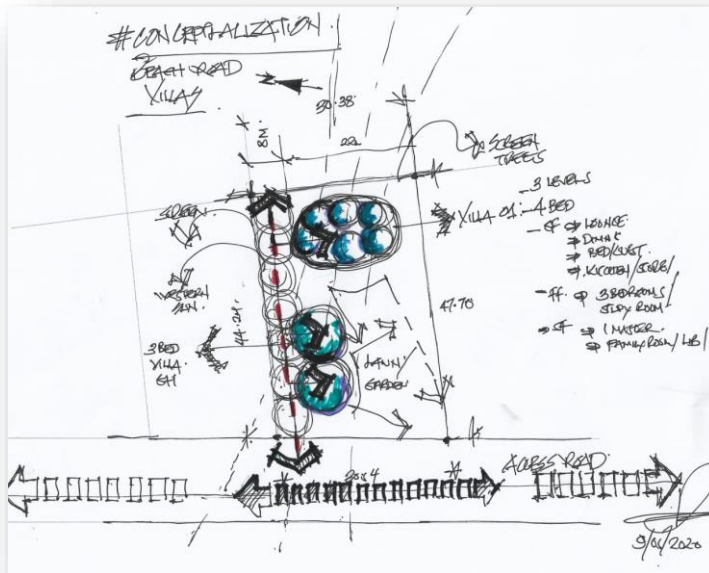
2.2.Design process +Execution



2.2.Design process +Execution

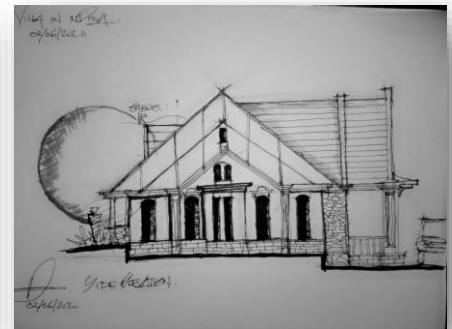


2.2.Design process



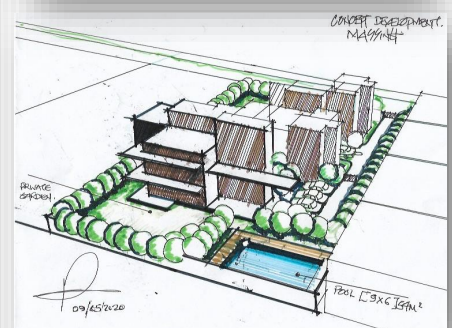
DESIGN PROCESS

- OUTLINE PROPOSAL/SCHEM
- DESIGN/DETAIL DESIGN
- VALUE PROPOSITION/ENGINEERING

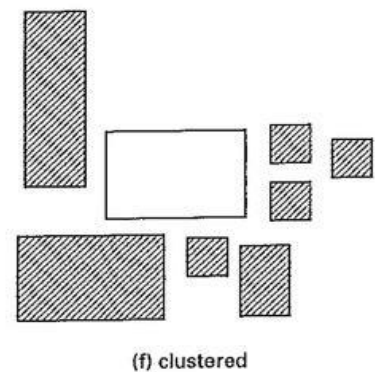
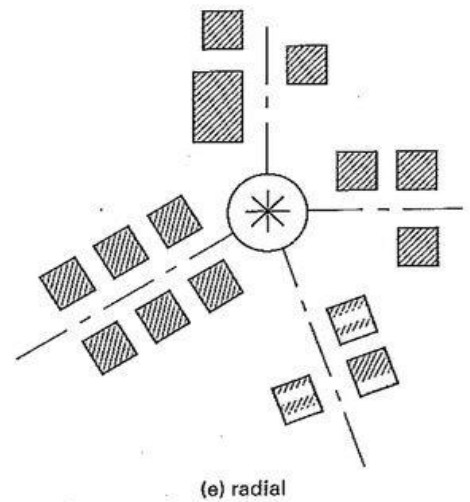
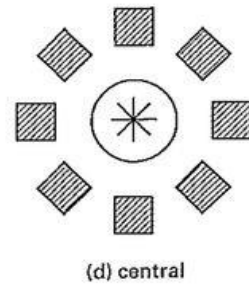
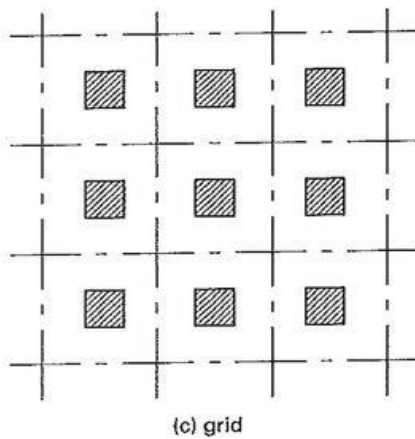
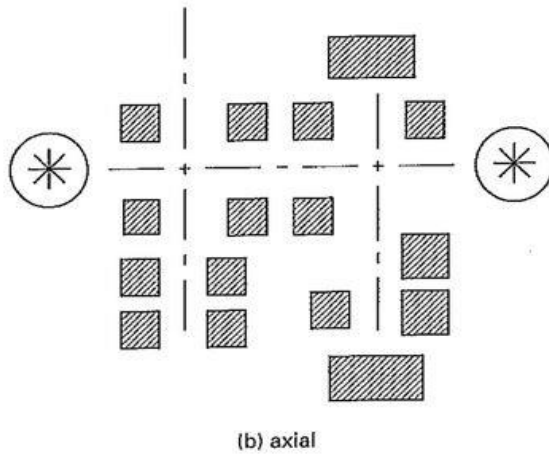
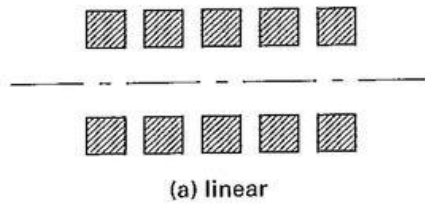


DESIGN PROCESS

- SITE ANALYSIS AND INVENTORY/
- INTERVIEWS/ACTIVITY ANALYSIS
- CLIMATIC ANALYSIS/GEOTECHNICAL SURVEYS
- CONCEPTUAL SKETCHES/BUBBLE DIAGRAMS
- SPATIAL DISPOSITION AND RELATIONSHIPS/HUMAN SCALE
- RETURNS ON INVESTMENT

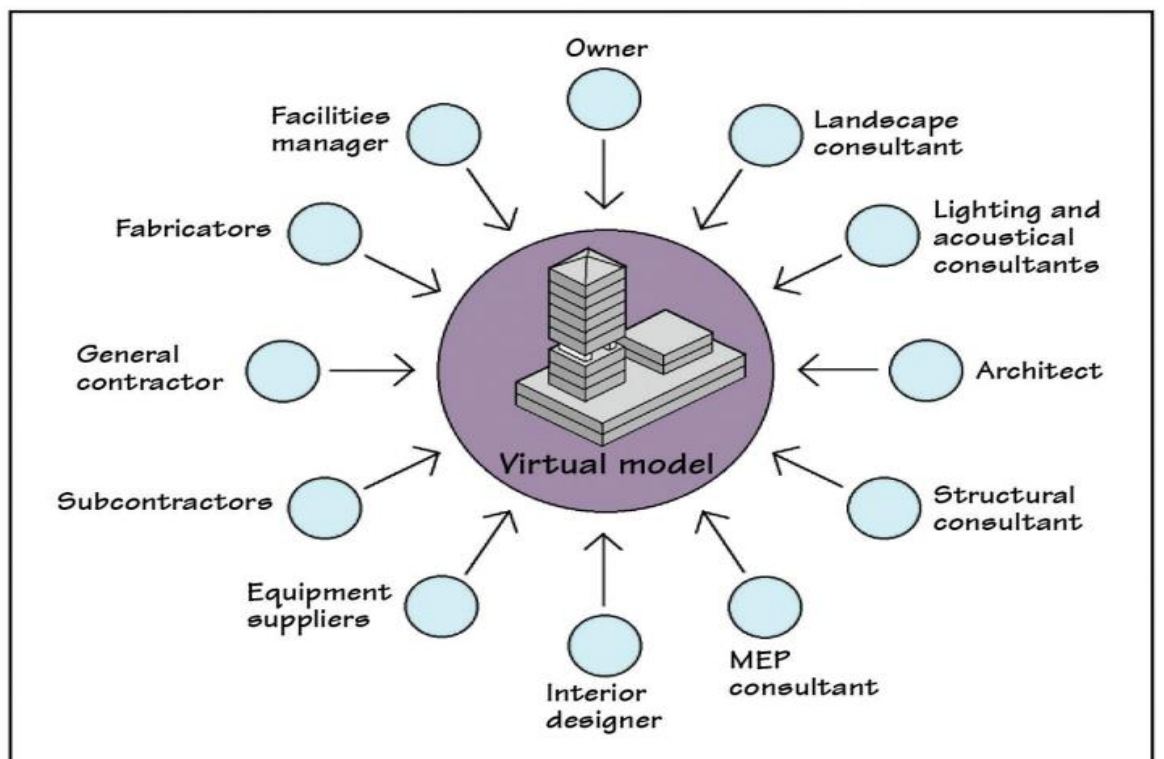
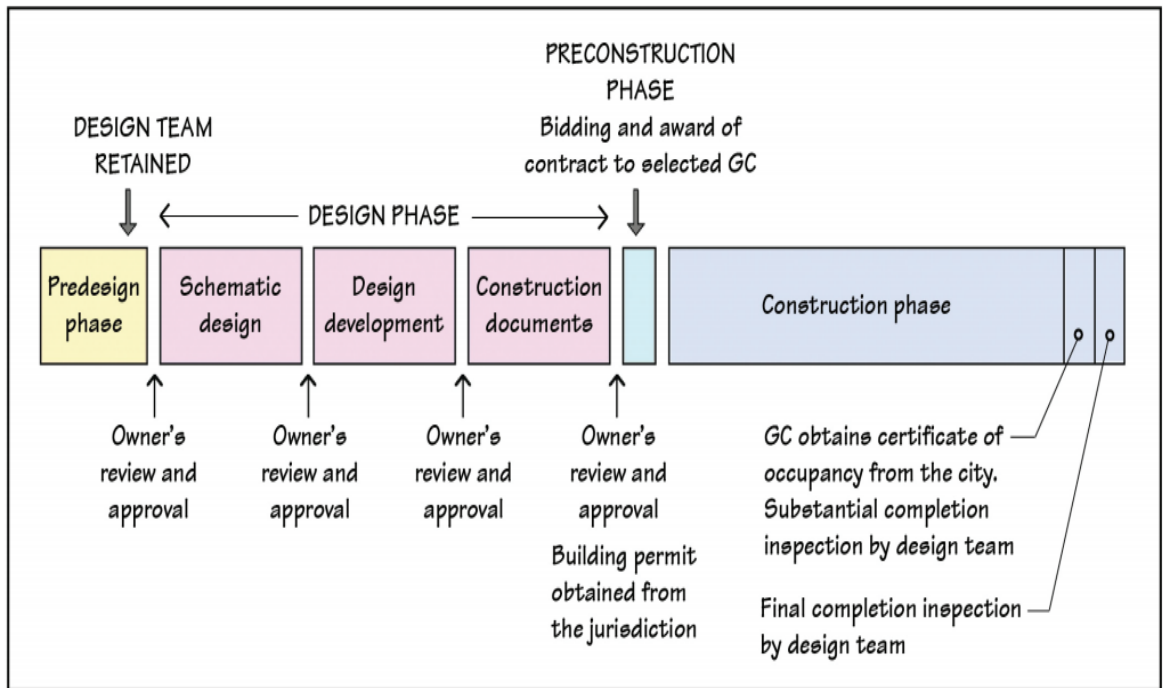


2.2.Design process



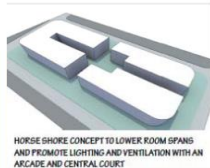
2.2.Design process

Design **build+BIM**

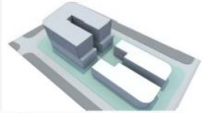


2.2.Design process

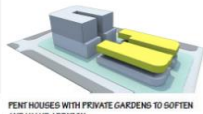
Renewable Energy centered design



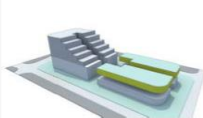
HOUSE SHORE CONCEPT TO LOWER ROOM SPANS AND PROMOTE LIGHTING AND VENTILATION WITH AN ARCADE AND CENTRAL COURT



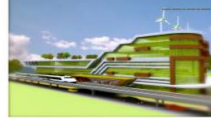
RESIDENTIAL AREA OVERLOOKING AN ELEVATED URBAN PARK



PENT HOUSES WITH PRIVATE GARDENS TO SOFTEN AND VALUE ADDITION



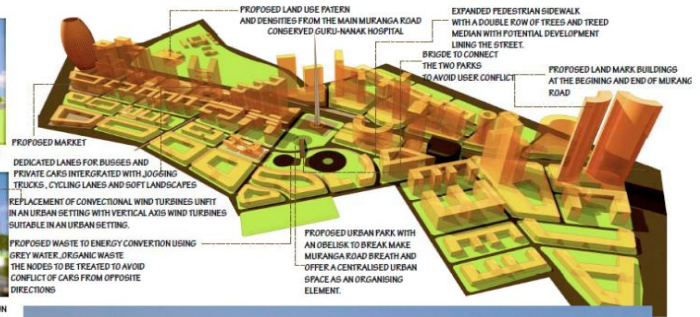
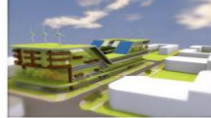
WIND TURBINES FOR MICRO-GENERATION AND URBAN RENEWABLE ENERGY REGIME



PROPOSED COMMUTER SKY TRAIN COMMUTER STATION



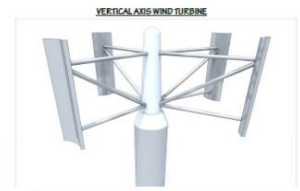
INTEGRATION OF WIND AND SOLAR TECHNOLOGIES TO ENHANCE RELIABILITY OF ENERGY



NORTH ELEVATION



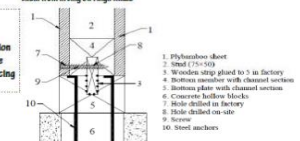
SOUTH ELEVATION



The Vertical axis wind turbine (VAWT) have the advantage of long and tolerance to changing and inconsistent wind directions making it ideal for utilization in an urban context.



Tenfold photovoltaic integrated roof system
Consist of mixed polycrystalline and amorphous silicon solar modules generating about 450,000 KWH supported using steel cables to protect them from lifting off high winds



USAGE OF ENGINEERED BAMBOO AND FLY BAMBUI
This is aimed at reducing the usage of steel, concrete and dimension stone by about 50 %

BUILDING INTEGRATED PHOTOVOLTAICS SYSTEM



This building intends to achieve energy neutrality through a combination of reduced consumption, solar energy generation, maximization of natural light to illuminate the interior, energy efficient office equipment reducing consumption to about 40-50 kWh/m²



ENERGY NEUTRAL URBAN REGENERATION MURANGA ROAD

STREET ELEVATIONS



{ODHAMBO D.O}

2.2.Design process

People centered design

PROBLEM STATEMENT

ENERGY CRISIS

Kenya is facing an energy crisis to the extent that rationing measures have been introduced. This is due to lack of adequate rainfall in the last several seasons. The current installed capacity is 1267 MW of which 56 % is from hydro and the peak demand is 1044 MW. The peak demand has been increasing steadily from 5.6 % in 2003/4 year to 7.8% in 2007/8 year. The current situation has damaging effects on the businesses because they are now operating below capacity and is a setback to economic recovery. In the next five years the government intends to increase the installed capacity by 1249 MW with thermal and wind being the major contributors; 390 and 350 MW respectively (J. Wafula et al)



FOOD CRISIS

Poor rains over four seasons had killed livestock, withered crops and dried up water sources in Kenya in 2009. This, combined with a rise in food prices, resulted in a chronic food crisis.

CHANGING LAND-USE PATTERNS

Massive infrastructural development towards Thika town has had a tremendous effect on land use in the rich agricultural land. Large tracts of fertile lands are being converted into housing and commercial ventures which affects agricultural output of one of Kenya's food basket. Due to poor returns from cash crops, most farmers have resorted to uprooting the crops and selling the land and afterwards involving in Matatu business or seeking livelihood in the crowded city of Nairobi. The real challenge is to accommodate the inevitable growth of Nairobi towards Thika town in line with the socio-economic and environmental dignity of the town.



2.2.Design process

Design synthesis



2.2.Design process

The building envelope+RE

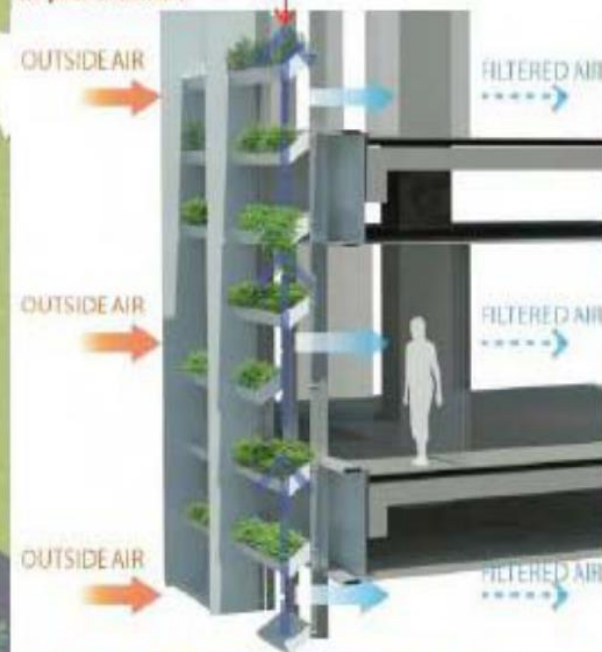
Aerial view of the complex and its immediate neighbourhood

The vertical axis wind turbine can rotate under low wind speeds that are a characteristic of most urban centres. They can be mounted in low rise buildings to generate enough electricity for small energy systems like automated systems.

This design proposes to power the tower with renewable energy sources: solar, wind and biogas. The main cancer centre will be powered by normal utility provider on a net metering system and feed in tariffs in an attempt to achieve a near zero energy status.

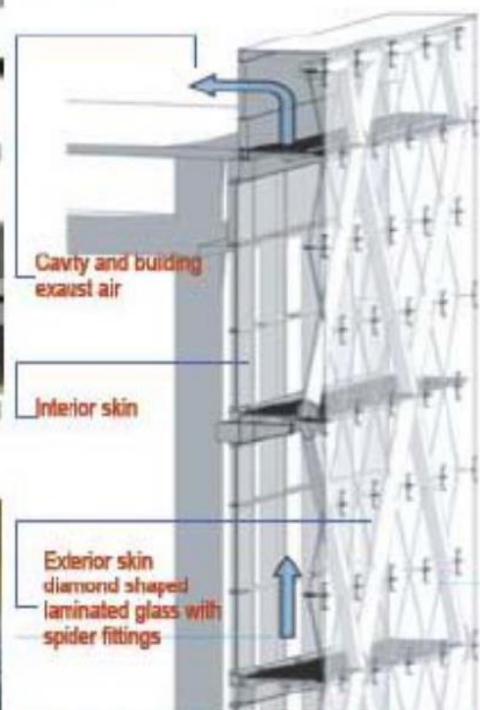
Green planter system as facade filter and vegetative cooler

Nutrient rich treated and recycled black and grey water used to irrigate the plant materials.



S-05

East facing facade treatment: Building envelope to act as a solar chimney:



Typical consultants clinic/office environment will have among other things elevated urban park to aid in the healing process through the usage of healing gardens with indigenous plant materials

**BIODIGESTER FOR BIOGAS PRODUCTION
BUILT OVER 60 IN KIBERA KENYA, RWANDA**

2.Selected projects

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2.2.Selected projects

2.2 Selected Projects

2.2.1 Recreational Nyali convention, business Centre And Hotel

Client:
Private

Service Provided:
Design, Planning and
Tender stages.
Site supervision

Project Description:
Futuristic 45 storied tower,
solar power,5000 capacity
auditorium, Hotel tower
A low energy design with
keen usage of local high
thermal materials Ample
natural ventilation and
lighting and nice front
garden. Proper orientation
of openings to avoid
western sun.

Status:
Ongoing





2.2.Selected projects

2.2 Selected Projects

2.2.1 Housing

Beach road villa and apartment

Client:

Private

Service Provided:

Design, Planning and
Tender stages.

+Construction (BRUNNEL)

Project Description:

**Contemporary architecture
5 bedroom villa and an
apartment block consisting
Of 10 units**

A low energy design with keen usage of local high thermal mass coral stones which acted as load bearing walls. Ample natural ventilation and lighting and nice front garden. Proper orientation of openings to avoid western sun.

Status:

Complete



2.2.Selected projects

2.2 Selected Projects

2.2.1 Commercial Nyali links arcade

Client:
Private

Service Provided:
Design, Planning and
Tender stages.

+Construction (BRUNNEL)

Project Description:
**Modern Islamic
Architecture**

A low energy design with keen usage of local high thermal mass coral stones which acted as load bearing walls. Ample natural ventilation and lighting and nice front garden. Proper orientation of openings to avoid western sun.

Status:
Complete



2.2.Selected projects

2.2 Selected Projects

2.2.1 Commercial Mixed use development +Petrol station (SHELL)

Client:
Private

Service Provided:
Design, Planning and
Tender stages.
Site supervision

Project Description:

Contemporary

A low energy design with keen usage of local high thermal mass coral stones which acted as load bearing walls. Ample natural ventilation and lighting Proper orientation of openings to avoid western sun.

Status:

Partially
complete/ongoing



2.2.Selected projects

2.2 Selected Projects

2.2.1 Affordable Housing

Progressive homes
Syokimau.

Client:

Progressive homes Ltd

Service Provided:

Design, Planning and
Tender stages.

+Construction (BRUNNEL)

Project Description:

A low energy design with keen usage of local high thermal mass stones which acted as load bearing walls. Ample natural ventilation and lighting and nice back garden. Proper orientation of openings to avoid western sun.

Cost per unit ksh.6.5M

Status:

Completed 2017



2.2.Selected projects

2.2 Selected Projects

2.2.1 Housing

Vipingo ridge Renovations

Client:

Private

Service Provided:

Design, Planning and
Tender stages.

+Construction (BRUNNEL)

Project Description:

Contemporary architecture
4 bedroom villa all ensuite

A low energy design with keen usage of local high thermal mass coral stones which acted as load bearing walls. Ample natural ventilation and lighting and nice front garden. Proper orientation of openings to avoid western sun.

Status:

Completed in 2020



2.2.Selected projects

2.2 Selected Projects

2.2.1 Religious St Francis of Assisi catholic church, Nyali

Design, Planning and
Tender stages.
Site supervision

Project Description:
African renaissance
Interior architecture
650 capacity catholic
church

A low energy design
with keen usage of local
high thermal mass coral
stones which acted as
load bearing walls.
Ample natural
ventilation and lighting
and nice front garden.
Proper orientation of
openings to avoid
western sun.

Status:
Completed in 2019



2.2.Selected projects

2.2 Selected Projects

2.2.1 iNDUSTRIAL Car service centre

Design, Planning and
Tender stages.

Site supervision

Project Description:

A low energy design
with keen usage of low
high thermal mass con-
crete stones which acted as
load bearing walls.
Ample natural
ventilation and lighting
and nice front garden
Proper orientation of
openings to avoid
western sun.

Status:
Complete 2018





2.2.Selected projects

2.2 Selected Projects

2.2.1 Housing Utange villa

Client:
Private

Service Provided:

Design, Planning and
Tender stages.

+Construction (BRUNNEL)

Project Description:
Modern Victorian
architecture 4 bedroom all
ensuite

A low energy design with
keen usage of local high
thermal mass coral stones
which acted as load bearing
walls. Ample natural
ventilation and lighting and
nice front garden. Proper
orientation of openings to
avoid western sun.

Status:
Complete



2.2.Selected projects

2.2 Selected Projects

2.2.1 Housing

Kingorani apartments

Urban renewal

Client:

Private

Service Provided:

Design, Planning and
Tender stages.

+Construction(BRUNNEL)

Project Description:

Urban renewal project

Modern Swahili

contemporary

architecture mix

**consisting of 10 units of 2
bedrooms and shops**

A low energy design with
keen usage of local high
thermal mass coral stones
which acted as load
bearing walls. Ample
natural ventilation and
lighting and nice front
garden. Proper orientation
of openings to avoid
western sun.

Status:

Completed in 2020



2.2.Selected projects

2.2 Selected Projects

2.2.1 Recreational Char choma restaurant

Client:
Private

Service Provided:
Design, Planning and
Tender stages.
Site supervision

Project Description:
Modern Architecture
A low energy design with
keen usage of local high
thermal mass coral stones
which acted as load bearing
walls. Ample natural
ventilation and lighting and
nice front garden. Proper
orientation of openings to
avoid western sun.

Status:
Completed in 2019



2.2.Selected projects

2.2 Selected Projects

2.2.1 Housing

Crescent homes Nyali

Client:

Private

Service Provided:

Design, Planning and
Tender stages.

+Construction(BRUNNEL)

Project Description:

Modern architecture

**18 no.3 bedrooms and 4
bedroom apartments**

A low energy design with
keen usage of local high
thermal mass coral stones.
Ample natural ventilation
and lighting and nice front
garden. Proper orientation
of openings to avoid
western sun.

Status:

Completed in 2019



2.2.Selected projects

2.2 Selected Projects

2.2.1 INDUSTRIAL

Bulk grain handling facility mazeras

Design, Planning and
Tender stages.

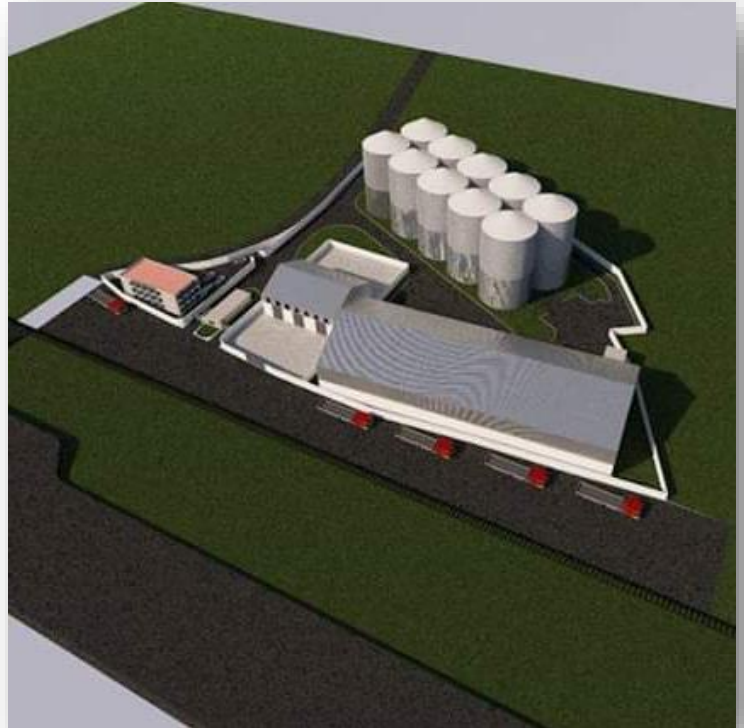
Site supervision

Project Description: Grain storage silos and Ware housing,bagging units

A low energy design with keen usage of local high thermal mass materials. Ample natural ventilation and lighting and nice front garden. Proper orientation of openings to avoid western sun.

Status:

Completed in 2020



2.2.Selected projects

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2.2 Selected Projects

2.2.1 Housing

Kanamai villa

Client:

Private

Service Provided:

Design, Planning and

Tender stages.

Site supervision

Project Description:

Contemporary architecture

5 bed room villa al ensuite

A low energy design with keen usage of local high thermal mass coral stones.

Ample natural ventilation and lighting and nice front garden. Proper orientation of openings to avoid western sun.

Status:

Ongoing



2.2.Selected projects

2.2 Selected Projects

2.2.1 Housing

Abby villa

Client:
Private

Service Provided:
Design, Planning and
Tender stages.
Site supervision

Project Description:
Contemporary architecture
4 bed room villa al ensuite
A low energy design with
keen usage of local high
thermal mass coral stones.
Ample natural ventilation
and lighting and nice front
garden. Proper orientation
of openings to avoid
western sun.

Status:
Ongoing



2.2.Selected projects

2.2 Selected Projects

2.2.1 Housing Marijani-By Solian

Client:
Private

Service Provided:
Design, Planning and
Tender stages.
+Construction(BRUNNEL)

Project Description:
Contemporary architecture
4 bedroom villa all ensuite
A low energy design with
keen usage of local high
thermal mass stones.
Ample natural ventilation
and lighting and nice front
garden. Proper orientation
of openings to avoid
western sun.

Budget ksh.11M

Status:
Ongoing



2.2.Selected projects

2.2 Selected Projects

2.2.1 Housing

Kikambal town houses

Client:

Private

Service Provided:

Design, Planning and
Tender stages.

+Construction(BRUNNEL)

Project Description:

Contemporary architecture

4 bedroom villa all ensuite

A low energy design with
keen usage of local high
thermal mass stones.

Ample natural ventilation
and lighting and nice front
garden. Proper orientation
of openings to avoid
western sun.

Status:

Ongoing



2.2.Selected projects

2.2 Selected Projects

2.2.1 Housing

The Shamba-Mtwapa creek

Client:

Private

Service Provided:

Design, Planning and
Tender stages.

+Construction(BRUNNEL)

Project Description:

Contemporary architecture

5 bedroom villa all ensuite

A low energy design with
keen usage of local high
thermal mass stones.

Ample natural ventilation
and lighting and nice front
garden. Proper orientation
of openings to avoid
western sun.

Status:

Ongoing



2.2.Selected projects

2.2 Selected Projects

2.2.1 Housing

The Shamba-Mtwapa creek

Client:
Private

Service Provided:
Design, Planning and
Tender stages.

+Construction(BRUNNEL)

Project Description:
Contemporary architecture
5 bedroom villa all ensuite

A low energy design with keen usage of local high thermal mass stones. Ample natural ventilation and lighting and nice front garden. Proper orientation of openings to avoid western sun.

Status:
Ongoing



2.2.Selected projects

2.2 Selected Projects

2.2.1 Housing

Diani town houses

Client:

Private

Service Provided:

Design, Planning and
Tender stages.

+Construction(BRUNNEL)

Project Description:

Contemporary architecture

4 bedroom villa all ensuite

A low energy design with
keen usage of local high
thermal mass stones.

Ample natural ventilation
and lighting and nice front
garden. Proper orientation
of openings to avoid
western sun.



Status:

Complete

2.2.Selected projects

2.2 Selected Projects

2.2.1 Housing

Royal estate Syokimau

Client:
Private

Service Provided:

Design, Planning and
Tender stages.

Site supervision

Project Description:

Contemporary Architecture
4 bedroom villa all ensuite

A low energy design with
keen usage of local high
thermal mass stones.
Ample natural ventilation
and lighting and nice front
garden. Proper orientation
of openings to avoid
western sun.



Status:
Ongoing

2.2.Selected projects

2.2 Selected Projects

2.2.1 Housing

Nakuru Kabarak retirement homes

Client:
Private

Service Provided:
Design, Planning and
Tender stages.
Site supervision

Project Description:
Modern Victorian
architecture,4 bedroom
villa all ensuite

A low energy design with keen usage of local high thermal mass stones. Ample natural ventilation and lighting and nice front garden. Proper orientation of openings to avoid western sun.

Status:
Complete



2.2.Selected projects

2.2 Selected Projects

2.2.1 Housing

Siaya villas

Client:
Private

Service Provided:
Design, Planning and
Tender stages.
Site supervision

Project Description:
**Modern Victorian
architecture 4 bedroom
villa all ensuite**

A low energy design with keen usage of local high thermal mass stones. Ample natural ventilation and lighting and nice front garden. Proper orientation of openings to avoid western sun.

Status:
Ongoing



2.2.Selected projects

2.2 Selected Projects

2.2.1 Housing

Diani beach Town houses

Client:

Private

Service Provided:

Design, Planning and
Tender stages.

Site supervision

Project Description:

**Contemporary design
consisting of 5 no. 2
bedroom town houses
tastefully designed**

A low energy design
with keen usage of local
high thermal mass coral
stones which acted as
load bearing walls.

Ample natural
ventilation and lighting
and nice front garden.
Proper orientation of
openings to avoid
western sun.

Status:

Ongoing



2.2.Selected projects

2.2 Selected Projects

2.2.1 Housing

Mbezi beach villas Dar es salam

Client:

Private

Service Provided:

Design, Planning and
Tender stages.

Site supervision

Project Description:

**Contemporary design
consisting of 2 no 4
bedroom villas
tastefully designed**

A low energy design
with keen usage of local
high thermal mass coral
stones which acted as
load bearing walls.

Ample natural
ventilation and lighting
and nice front garden.
Proper orientation of
openings to avoid
western sun.

Status:

Ongoing



2.2.Selected projects

2.2 Selected Projects

2.2.1 Affordable

Housing.masterplanning
Dominion park estate Kilifi

Client:
Private

Service Provided:
Design, Planning and
Tender stages.
Site supervision

Project Description:
Middle income housing
Project consisting of 57
units..Contemporary
architecture..simplified
A low energy design with
keen usage of local high
thermal mass coral stones
which acted as load bearing
walls. Ample natural
ventilation and lighting and
nice front garden. Proper
orientation of openings to
avoid western sun.

Unit cost ksh.3M

Status:
Ongoing



2.2.Selected projects

2.2 Selected Projects Hurlingum apartments

Client:
Private

Service Provided:
Design, Planning and
Tender stages.
Site supervision

Project Description:
Mixed use
Contemporary
architecture,24 no.4
bedroom sunits,solar PV
roof

A low energy design with
keen usage of local high
thermal mass stones
Ample natural ventilation
and lighting and nice
front garden. Proper
orientation of openings
to avoid western sun.

Status:
Ongoing



2.2.Selected projects

2.2 Selected Projects Diani apartments

Client:
Private

Service Provided:
Design, Planning and
Tender stages.
Site supervision

Project Description:
Mixed use
Contemporary
architecture,50 no.
studios sunits,solar PV
roof

A low energy design with
keen usage of local high
thermal mass stones
Ample natural ventilation
and lighting and nice
front garden. Proper
orientation of openings
to avoid western sun.

Status:
Ongoing



2.2.Selected projects

2.2 Selected Projects

2.2.1 Housing

TIMSHEL APARTMENTS

Client:

Private

Service Provided:

Design, Planning and
Tender stages.

Site supervision

Project Description:

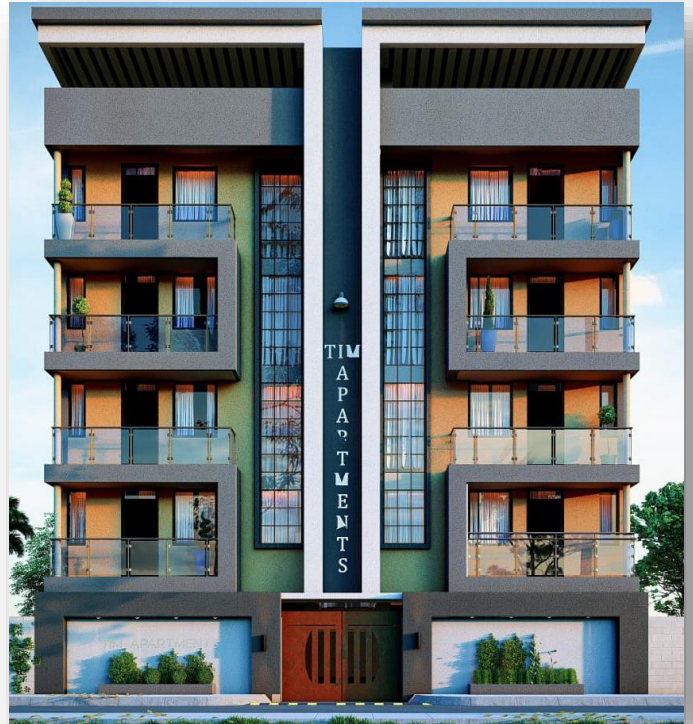
Contemporary architecture

24 no.1 bedroom units

A low energy design with keen usage of local high thermal mass coral stones. Ample natural ventilation and lighting and nice front garden. Proper orientation of openings to avoid western sun.

Status:

Ongoing



2.2.Selected projects

2.2 Selected Projects

2.2.1 Housing

Coral pearl executive apartments

Client:

Coral pearl executive apartments ltd

Service Provided:

Design, Planning and
Tender stages.
Site supervision

Project Description:

Contemporary architecture
40.no.3 bedrooms
apartments all
ensuite,solar power
Central garden

A low energy design with keen usage of local high thermal mass coral stones. Ample natural ventilation and lighting and nice front garden. Proper orientation of openings to avoid western sun.

Status:

Ongoing



2.2.Selected projects

2.2 Selected Projects

2.2.1 Recreational Mama Ngina Ballroom

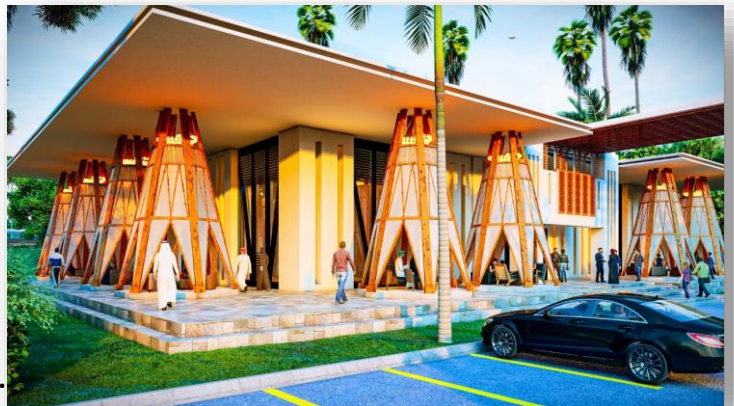
Client:
Private

Service Provided:
Design, Planning and
Tender stages.
Site supervision

Project Description:
**Modern Islamic
Architecture**

A low energy design with keen usage of local high thermal mass coral stones. Ample natural ventilation and lighting and nice front garden. Proper orientation of openings to avoid western sun.

Status:
Ongoing



2.2.Selected projects

2.2 Selected Projects

2.2.1 Recreational The Rub spa and Berber

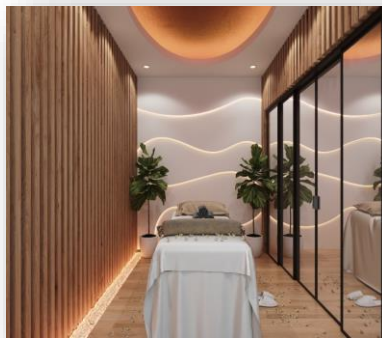
Client:
Private

Service Provided:
Design, Planning and
Tender stages.
Site supervision

Project Description:
**Contemporary
Arabic/Moorish
Architecture**

A low energy design with keen usage of local high thermal mass coral stones. Ample natural ventilation and lighting and nice front garden. Proper orientation of openings to avoid western sun.

Status:
Ongoing



2.2.Selected projects

2.2 Selected Projects

2.2.1 Commercial Alrayaan Mall Mtwapa

Client:
Private

Service Provided:
Design, Planning and
Tender stages.
Site supervision

Project Description:
**Modern Islamic
Architecture**

A low energy design with keen usage of local high thermal mass coral stones which acted as load bearing walls. Ample natural ventilation and lighting and nice front garden. Proper orientation of openings to avoid western sun.

Status:
Ongoing



2.2.Selected projects

2.2 Selected Projects

2.2.1 Commercial Kitengela mixed use development

Client:
Private

Service Provided:
Design, Planning and
Tender stages.
Site supervision

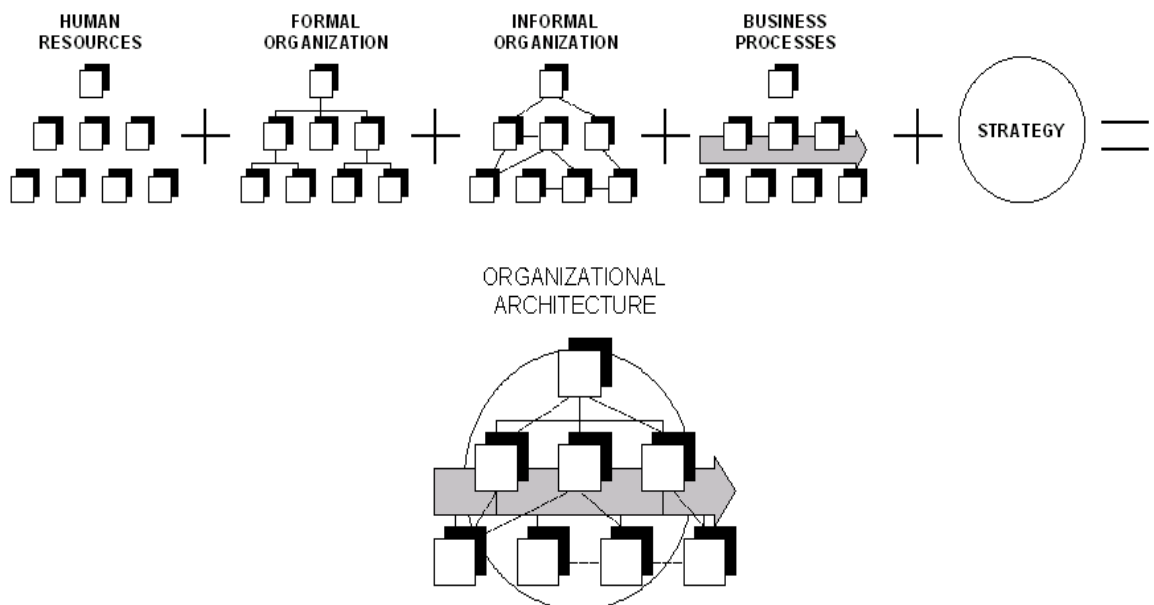
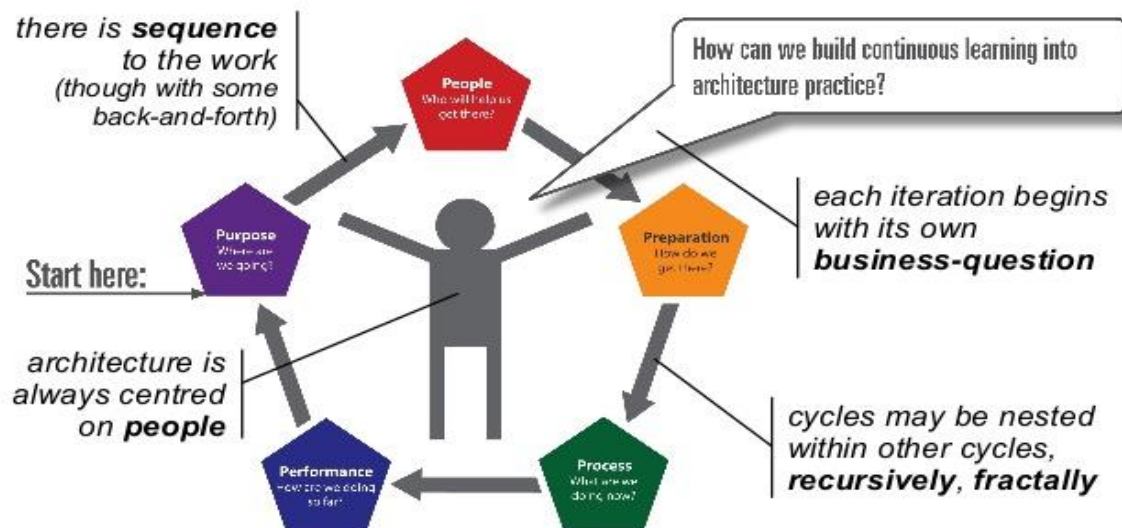
Project Description:
Modern Architecture
A low energy design
with keen usage of local
high thermal mass
stones which. Ample
natural ventilation and
lighting and nice front
garden. Proper
orientation of openings
to avoid western sun.

Status:
Ongoing



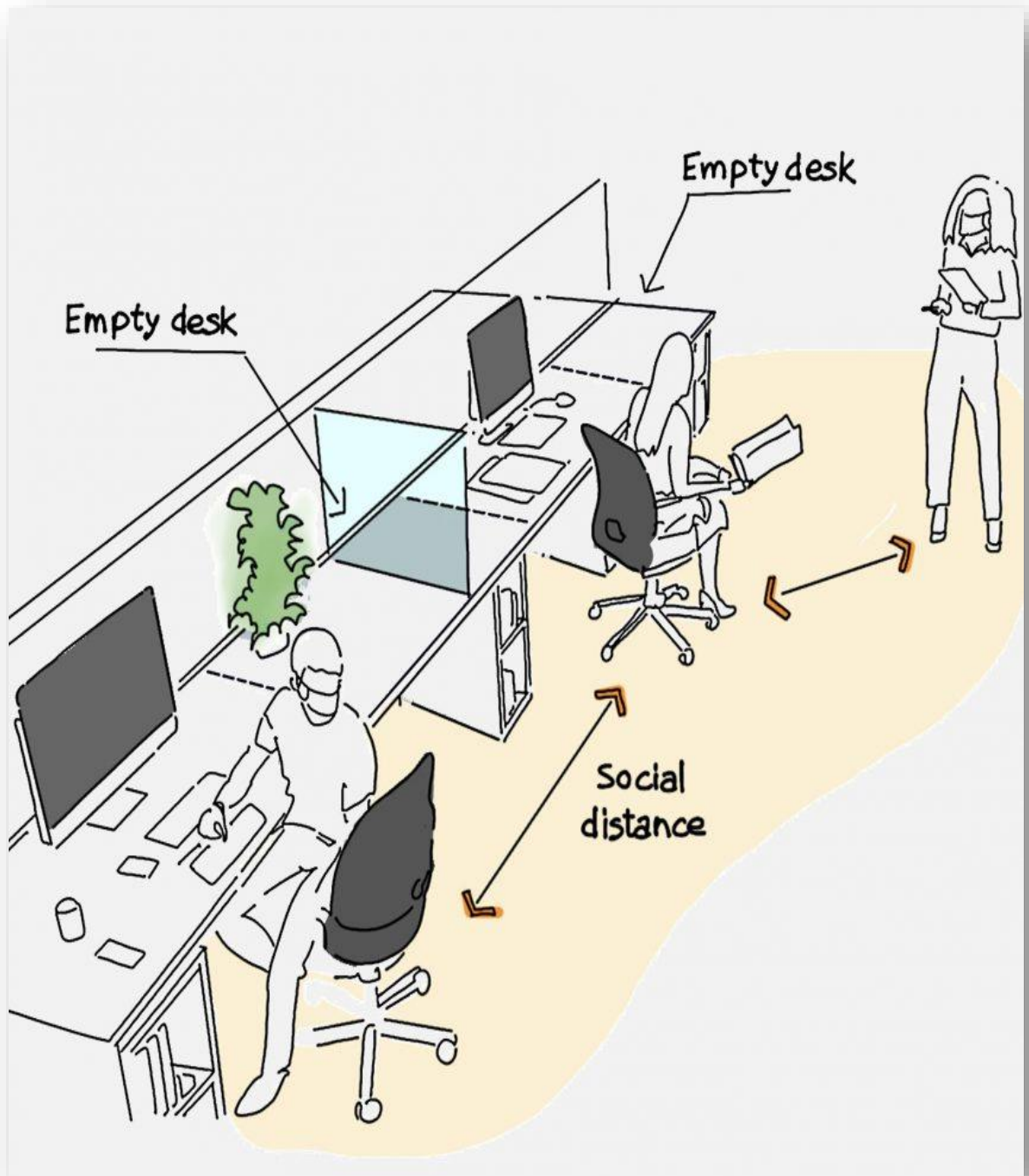
3.Capacity and working approach

The architecture-cycle

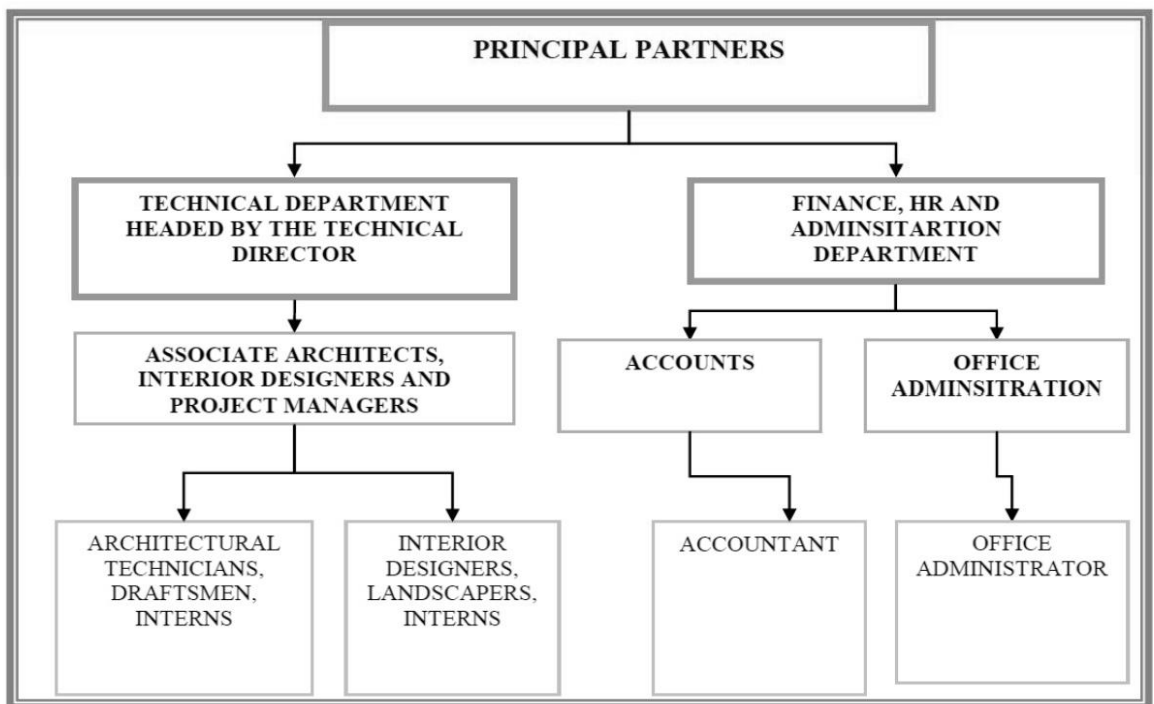


3.Capacity and working approach

Health and safety



3.1.Organizational structure



3.3.Our Team/Capacity

| STAFF | QUALIFICATION | RESPONSIBILITIES |
|--|--|---|
| ARCH.DANCAN ODHIAMBO | B.ARCHITECTURE U.O.N REGISTERED ARCHITECT A1604 MAAAK | MANAGING DIRECTOR CREATIVE DIRECTOR.PROJECT MANAGEMENT AND SITE SUPERVISION |
| GRAD.ARCH NYAKUNDI KENANI | B.ARCHITECTURE U.O.N] MAAAK | PROJECT DOCUMENTATION AND SITE SUPERVISION ,VISUALIZATION,BIM |
| ASSISTANT ARCH KATANA MILAN | DIPLOMA IN ARCHITECTURE TUK | ASSISTING THE ARCHITECTS WITH PROJECT DOCUMENTATION , TECHNICAL DRAWINGS |
| PATRICIA MUITA | CPA-K,DIPLOMA IN INFORMATION TECHNOLOGY VISIONS INSTITUTE | ACCOUNTS DEPARTMENT HR,OFFICE MANAGER,PERSONAL ASSISTANT TO THE MANAGING DIRECTOR |
| ASSISTANT ARCH MAUREEN KEMELI | DIPLOMA IN ARCHITECTURE TUK | ASSISTING THE ARCHITECTS WITH PROJECT DOCUMENTATION , TECHNICAL DRAWINGS |

3.2.Managing Director

CV

ARCH.DANCAN ODHIAMBO
MAAK,BORAQS REG.NO.A1604,UON

**MANAGING DIRECTOR/
 CREATIVE DIRECTOR**



PROFILE

I am a self driven, God fearing and energetic team player with the capacity and the will to rally men and women to a common purpose and the character which inspires confidence

"Wonder is not knowledge, neither is it ignorance. It's something which is suspended between what we believe we can be, and a tradition we may have forgotten."

E.Dickinson



WORK

2017

MANAGING DIRECTOR/DESIGN DIRECTOR
 BIOSYSTEMS CONSULTANTS LTD SINCE 2009

PORTFOLIO/COMPANY PROFILE
www.bsconsultants.co.ke



2013

ARCHITECT
 SYMBION ARCHITECTS...URBAN DESIGN



2011

ARCHITECT
 AAKI CONSULTANTS.....URBAN DESIGN



2010

ARCHITECT
 LARIAK LANDSCAPES.....MASTERPLANNING

2010

ARCHITECT
 UN.HABITATMURBAN ENERGY SECTION
BIOGAS,SOLAR,WIND
CLEAN ENERGY CENTRES (CEC)



EDUCATION

2010

B.ARCHITECTURE
 THE UNIVERSITY OF NAIROBI,
THESIS.
ZERO ENERGY BUILDINGS,TOWARDS ENERGY SECURITY

COLOGNE INTERNATIONAL SCHOOL OF DESIGN-GERMANY
STUDENT EXCHANGE PROGRAMME
Publication.Learning from Nairobi.Mobility
 Publisher KISDedition Cologne, 2010
 ISBN 3981245938, 9783981245936

2003

O-LEVELS
 KANGA HIGH SCHOOL .

2003

PRIMARY SCHOOL
 BONDO NYIRONGE PRIMARY SCHOOL

SOFTWARE/SKILLS

ARCHICAD

ARTLANTIS/3DS MAX/PIRANESI

MS WORD/EXCEL/POWERPOINT/PROJECTS

HAND SKETCHES

HOBBIES



PERSONAL

Name Dancan. O. Omondi
Birthday 1ST January 1984
Relationship Married
Nationality Kenyan
Languages Swahili,Luo,English

CONTACT

Mobile 0725068805
Office 0205209087

Email.arch.dancan@gmail.com
info@bsconsultants.co.ke

REFERENCES

Dr.Arch.Vincent Kitio
 Chief Urban energy section
 U.N Habitat

LINKS

www.bsconsultants.co.ke

www.linkedin.com/username

www.facebook.com/username

3.3.Registration certificate University degree certificate

UNIVERSITY OF NAIROBI



This is to certify that

Duncan Omondi Odhiambo

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

BACHELOR OF ARCHITECTURAL STUDIES

Second Class Honours (Upper Division)

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

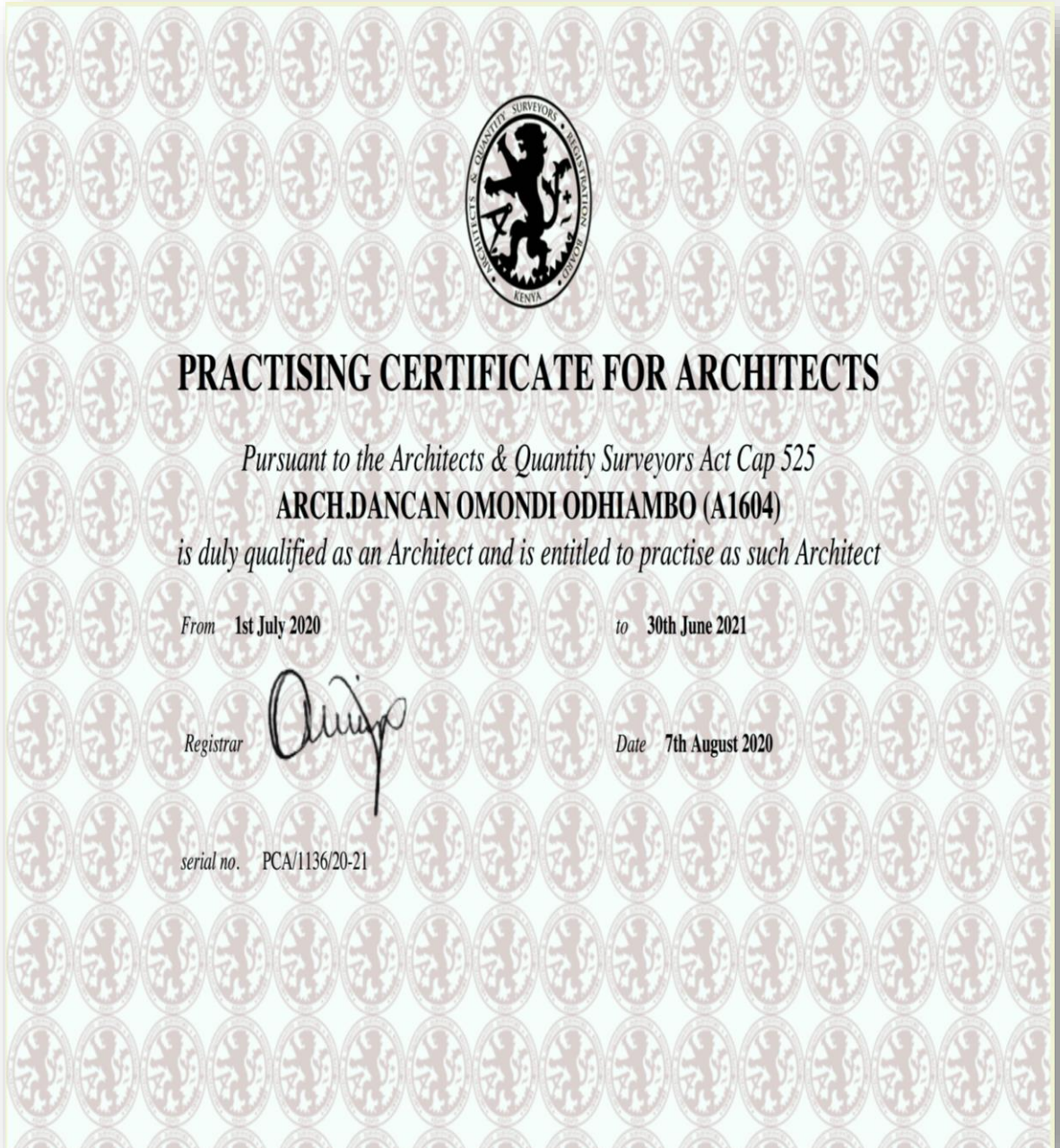
Twenty-fourth Day of September in the Year
2010

VICE-CHANCELLOR

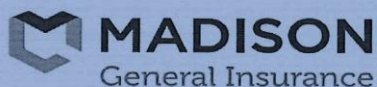
DEPUTY VICE-CHANCELLOR (ACADEMIC AFFAIRS)

2024

3.3.Registration certificate Architects Practicing license



3.3.Registration certificate Professional indemnity cover



MADISON GENERAL INSURANCE KENYA LIMITED
P.O. BOX 46666 , 00100 - NAIROBI , KENYA
MADISON INSURANCE HOUSE, UPPER HILL ROAD
TELEPHONE:2864000 FAX:
/2721970 / 1
E-MAIL:magik@madison.co.ke WEBSITE:

Professional Indemnity Insurance Certificate

DATE: 13/01/2021
POLICY NUMBER: MSA/506/187430/2021
POLICY HOLDER NAME: Dancan Odhiambo Omondi T/A Biosystems Consultants Ltd
ADDRESS: P.O. BOX 76-40400, MIGORI

Kenya

The above policy holder having successfully applied to MADISON GENERAL INSURANCE KENYA LIMITED for a Professional Indemnity Insurance for 20000000, it is hereby agreed that the benefits of the policy issued are available to Dancan Odhiambo Omondi T/A Biosystems Consultants Ltd .

Period of Insurance: From 13/01/2021 To 12/01/2022
Subject to the terms, conditions and exceptions of the Professional Indemnity Policy Issued.

The maximum Limit per Event 20000000 per year 20000000
(In KSH'S)

Speciality grouping of Policy Holder: ARCHITECT

Authorised Signatory:

| | | |
|-------------|---|--|
| Signature | : | |
| Name | : | |
| Designation | : | |
| Date | : | |

This certificate is not valid unless signed and bearing the Insurer's rubber stamp as shown above



3.3.Registration certificate Certificate of incorporation



No. CPR/2014/158215

CERTIFICATE OF INCORPORATION

I hereby CERTIFY, that -

BIOSYSTEMS CONSULTANTS LIMITED

is this day Incorporated under the Companies Act (Cap. 486) and that the Company is **LIMITED**.

GIVEN under my hand at Nairobi this **27th** day of **August**
Two Thousand and Fourteen


Registrar Of Companies

3.3.Registration certificate PIN certificate



www.kra.go.ke

PIN Certificate

For General Tax Questions
Contact KRA Call Centre
Tel: +254 (020) 4999 999
Call: +254(0711)099 999
Email: callcentre@kra.go.ke

Certificate Date : 20/06/2016

Personal Identification Number
P051597110B

This is to certify that taxpayer shown herein has been registered with Kenya Revenue Authority

Taxpayer Information

| | |
|---------------|------------------------------------|
| Taxpayer Name | BIOSYSTEMS CONSULTANTS LIMITED |
| Email Address | BIOSYSTEMSCONSULTANTSLTD@GMAIL.COM |

Registered Address

| | |
|--------------------------------|-----------------------------|
| L.R. Number : | Building : TEC HOUSE |
| Street/Road : LINKS ROAD NYALI | City/Town : MOMBASA |
| County : Mombasa | District : Kisauni District |
| Tax Area : Nyali | Station : Mombasa North |
| P. O. Box : 76 | Postal Code : 80118 |

Tax Obligation(s) Registration Details

| Sr. No. | Tax Obligation(s) | Effective From Date | Effective Till Date | Status |
|---------|-----------------------|---------------------|---------------------|--------|
| 1 | Value Added Tax (VAT) | 01/06/2016 | N.A. | Active |
| 2 | Income Tax - Company | 01/06/2016 | N.A. | Active |

The above PIN must appear on all your tax invoices and correspondences with Kenya Revenue Authority. Your accounting end month is June unless a change has been approved by the Commissioner-Domestic Taxes Department. The status of Tax Obligation(s) with 'Dormant' status will automatically change to 'Active' on date mentioned in "Effective Till Date" or any transaction done during the period. This certificate shall remain in force till further updated.

4.0.Contacts

Physical address, Office line
Email address

Mombasa office

Nyali Links arcade ,First floor

Tel.No.+254 205209087

Mobile.+254725068805

Email.info@bsconsultants.co.ke

Website.www.bsconsultants.co.ke

Postal address.

0725068805-80100 Mombasa

