

# ALAMA

Architecture

The mark of  
responsible  
design

COMPANY PORTFOLIO

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## Introduction

ALAMA ARCHITECTURE Is a Tanzanian architectural design firm registered with both Architects and Quantity Surveyor's Registration Board, AQRB (Reg.#APL300.342.11/20) and BRELA with Reg.#475436. The firm operate in accordance with the terms of the Architects and Quantity Surveyors Act No.16 of 1997, by laws of 2000 and Companies Act of 2002.

With a team of experienced and enthusiastic design professionals, ALAMA ARCHITECTURE can handle a broad scope of assignments including, interior design and project management. Our work is done with meticulous attention to our client's requirements, site contextual and environmental, cultural and economic factors of a place. The firm makes an effort to keep up-to-date with the latest tools in computer-aided design and building information management to allow for a smooth work flow with other consultants in the industry.

The focus of the firm is to spearhead the adoption of Green Building Design in the region. We tackle design and project management assignments in a way that reflects our awareness that buildings can positively contribute to environmental protection, enhance building user pleasure and increase investment returns to building owners.

## Our design approach

### Team work

ALAMA ARCHITECTURE's team design approach utilizes a dynamic, collaborative and interactive team of designers from the inception of the design concept for every project. Our team design approach harnesses the individual strengths of our creative, committed and technical excellent team members creating a synergy that ensures delivery of outstanding design work and project management services.

### Green design and sustainability

Using the Green Design Approach we strive towards solutions that harmoniously integrate buildings with the surrounding-natural and built environment. Hallmarks of our designs are efficient use of energy, water, greenery and careful selection of building materials synthesized to create sustainable responsive buildings, we also work to protect economic, social and natural resources of a place.

### Integrated design

An integrated design approach balances ideas from the client and the design team and specialists, merging those inputs towards the final success of the project. With an integrated design approach, we develop a liaison between our clients, design team, specialists and local government by working closely together from the early design stage to consider the development conditions, space requirements, material selection, structural system, building services system and how they coordinate with supporting systems at the site through a systematic analysis of the building-project utilizing the shared skills of an integrated group, a unique and sustainable project can be achieved.

## Services we offer

### Master Planning

We undertake master planning projects from an environmental, cultural and economic stand point. This takes into consideration the connection between different land use zones using sustainable transportation systems and circulation, storm water drainage and water conservation techniques, embodied energy requirements, social cultural issues and future expansion requirements to create a more dynamic master plan.

### Green Building Design, Rehabilitation Projects

Green Building Design harmonizes the building, site with client needs. LEED, DGNB and Green Mark rating system are consulted to analyze site, water, energy materials and indoor air quality before we begin the actual design phase. Through the process of integrated design, the ALAMA ARCHITECTURE DESIGN TEAM identifies different green design opportunities and then evaluates and modifies them to meet our client's needs and budgets.

### Interior Design, Landscape Design

Sustainable materials, indoor air quality, day lighting, natural ventilation and connection to the outdoor environment are the key consideration in creating green interior spaces. ALAMA ARCHITECTURE use their expertise to provide interior spaces that are well designed within budget for occupants to enjoy, add to building owners, and provide benefits to the local environment.

### Energy Analysis

Energy analysis is key to achieving green buildings. ALAMA ARCHITECTURE use CAPSOL software to analyze the energy performance of the building shell. The goal is to minimize energy use while reducing construction and running costs of the building.

### Modeling and Graphics, Physical Model Making

ALAMA ARCHITECTURE can provide simple or detailed 3d computer models, animation and videos for presentation purposes. Services of hand renderings, physical model making and project related graphics are also available. We place a high value on our professional image in conveying our architectural intent.

### Project Management, Documentation of Historic Buildings

Our focus on project management ensures effective management and co-ordination so that time objectives will be met and the financial resources of the client are used in the most efficient way.



## Selected projects

### RESIDENTIAL PROJECT

**Client:**

Private client

**Location:**

Jangwani Beach  
Dar es Salaam

**Program:**

High profile  
residential House

**Project:**

Design and construction  
supervision

**Year:**

2011

**Project Status:**

Completed

**Concept:**

Green design  
and sustainability



With a site that is uniquely shaped with none of the four sides meeting at right angles and a significant depression on the southern side, in conjunction with the client ALAMA ARCHITECTURE chooses a y-shaped plan with each of the 3-legs rotated in a radial symmetry around a central atrium space that houses the stairwell running from the basement to the roof terrace three levels above.

The house is designed as a pavilion in the garden that envelops two thirds of the entire building. Most of the spaces in the house works as single bank space with very efficient cross ventilation. Natural light, cross ventilation and cross views to the garden outside are the running themes.

## Selected projects

### HIGH RISE PROJECT

**Client:**

Bondeni Seeds Ltd.

**Location:**

Oljoro, Arusha

**Program:**

Master plan

Affordable housing

Neighbourhood planning

Commerccail zones

**Project:**

Design and construction

**Year:**

2018

**Project Status:**

Ongoing

**Concept:**

Green Design.

High quality living environment



The proposed Bondeni city was designed with the conscious aim of promoting cultural identity, environmental friendly design, social interaction, comfort, privacy and flexibility in the use of spaces with respect to the potential of the culture and location of Arusha.

Houses are to be integrated into the site in a way that will alter the character of the city, while retaining the most important site potential. The overall design of Phase I creates an interlinking of spaces in which social and cultural interaction can take place easily.





## Selected projects

### REHABILITATION AND EXTENSION PROJECT

**Client:**

Private client

**Location:**

Mbezi, Dar es Salaam

**Program:**

Converting an existing single-storey residential house to a two storey office building.

**Project:**

Design and construction supervision

**Year:**

2014

**Project Status:**

Ongoing

**Concept:**

Modern and sustainability



Before rehabilitation

**AGLEX HOUSE**



After rehabilitation

The design solution for this rehabilitation and extension project emanates from a strong belief that a green design approach will provide the client with not only a modern office building but one that is user friendly and uses energy efficiently.

Interestingly, the point of departure for this design is an already existing building that imposes some limitations like a fixed orientation and setbacks from the property boundary lines. While maintaining some of the old building's features.

ALAMA Architects gave the building an entirely new exterior with a delicate balance between large glass openings to allow in a gracious amount of sunlight while employing sun shading devices to protect the eastern façade (front of the building). The color composition draws from AGLEX color themes as well as the architects' ingenuity.

## Selected projects

### HIGH RISE PROJECT

**Client:**

Kaya Amani

**Location:**

Msasani Peninsula,  
Dar es Salaam

**Program:**

Residential apartment building with luxurious amenities like gym, swimming pool, penthouses.

**Project:**

Design and construction supervision

**Year:**

2014

**Project Status:**

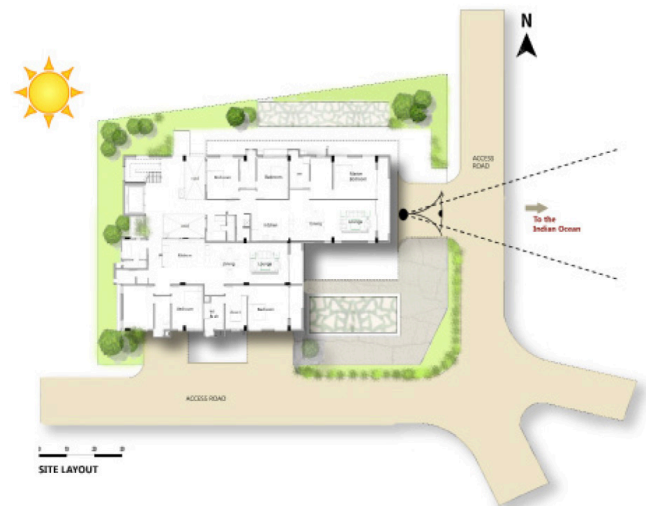
Ongoing

**Concept:**

Green Design.  
High quality living environment



A six level apartment building with parking on the ground level. Each apartment has a sumptuous balcony facing east from which the tenants can enjoy the view of the Indian Ocean as well as a soothing breeze. Light and natural ventilation and efficient circulation make the design unique. Each apartment is staggered from the adjacent one to give each family privacy and a sense of individuality.



## HOTEL PROJECT

**Client:**  
Kaya Amani

**Location:**  
Salasala, Dar es Sa-  
laam

**Program:**  
luxurious Inn on  
Salasala Hills

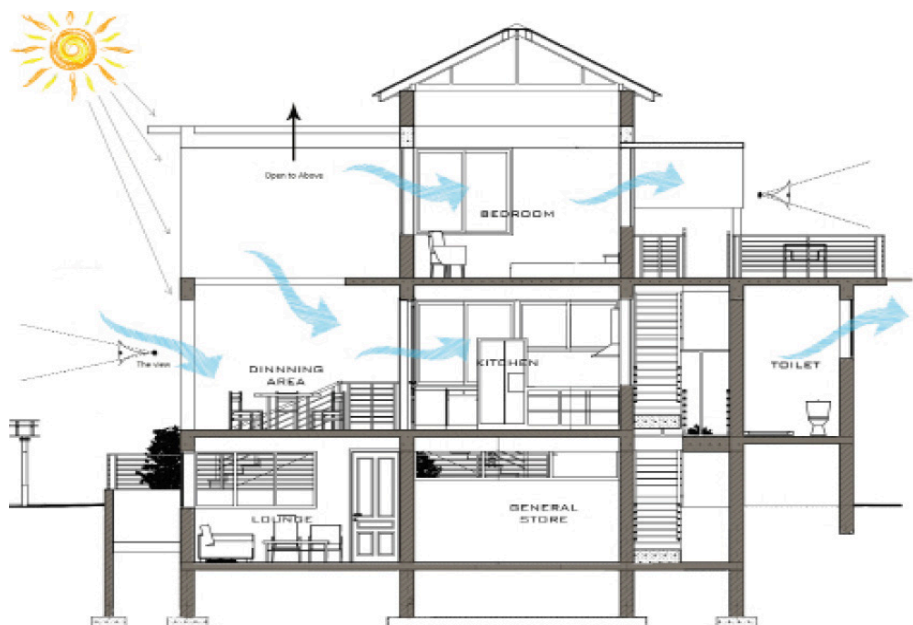
**Project:**  
Design and construc-  
tion  
supervision

**Year:**  
2012

**Project Status:**  
Ongoing

**Concept:**  
Green Design.  
High quality Inn

## Selected projects





## Selected projects

### GUEST HOUSE

**Client:**  
Private Client

**Location:**  
Dodoma, Area D,  
Block C

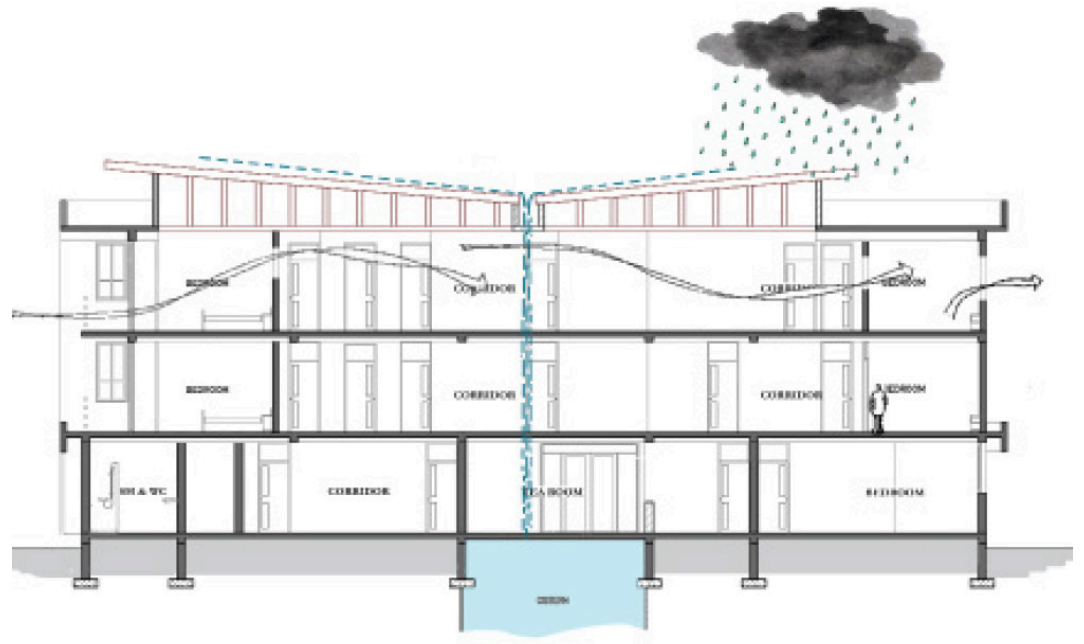
**Program:**  
Guest house with  
luxurious  
amenities

**Project:**  
Design and construc-  
tion  
Supervision

**Year:**  
2015

**Project Status:**  
Ongoing

**Concept:**  
Luxurious self-con-  
tained  
rooms with lounges,  
gym and restaurant



GUEST HOUSE: Incorporating luxurious self-contained room with private lounge and balconies to accommodate high profile customers visiting Dodoma especially during the Bunge session. Other amenities provided includes gym, Breakfast room, and a mini bar. The designers sought to make this guest house as private living as possible to fit profile of building users and client's needs. Rainwater harvesting, use of natural ventilation, use of local building materials and achieving good indoor air quality are green design measures employed in this project.





## Selected projects

### LANDSCAPE DESIGN PROJECT

**Client:**  
Private client

**Location:**  
Makongo, Dar es Sa-  
laam

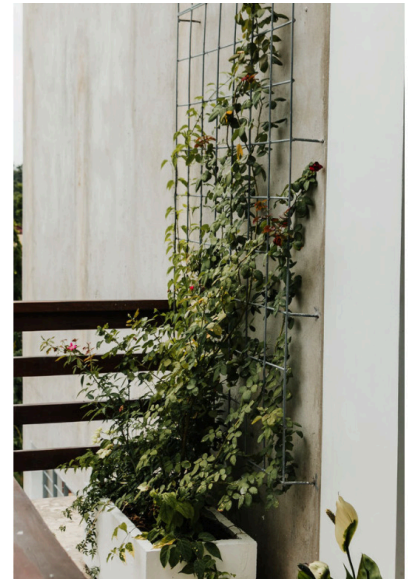
**Program:**  
Landscape design

**Project:**  
Landscape Design

**Year:**  
2012- 2020

**Project Status:**  
Completed

**Concept:**  
Sustainable Land-  
scape  
Design





## Selected projects

### RESIDENTIAL APARTMENT PROJECT

Client:

Kaya Amani

Location:

Mikocheni, Dar es  
Salaam

Program:

Residential apart-  
ment

Project:

Design and construc-  
tion  
supervision

Year :

2011

Project Status:

Completed

Concept:

Sustainable Interiors





## Selected projects

### RESIDENTIAL HOUSE PROJECT

Client:  
Private

Location:

Makongo

Program:  
Residential house

Project:  
Design and construc-  
tion supervision

Year :  
2018

Project Status:  
Completed

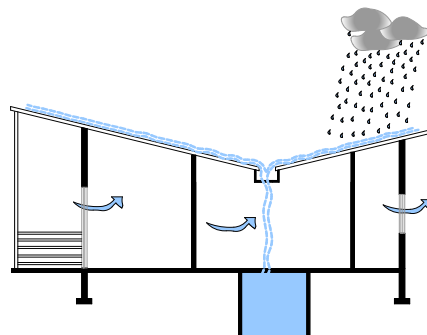
Concept:  
Environmental Sus-  
tainability



concrete gutter that cap-  
tures the runoff



Sustainably modifying gardens  
using available materials and  
resources



A sustainable design with the use of butterfly roof adding a unique flair to the design, this design directs rain water to an underground storage, on the other hand the runoff can easily be captured for gardening . this roof also tends to withstand wind damage much better.

## Selected projects

### RESIDENTIAL HOUSE PROJECT

Client:  
Private

Location:  
Makongo

Program:  
Residential house

Project:  
Design and construc-  
tion supervision

Year :  
2019

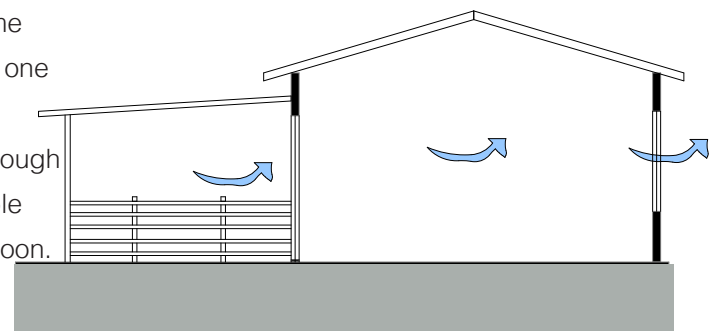
Project Status:  
Completed

Concept:  
Comfort and envi-  
ronmental sustain-  
ability, Design with  
climate



Designs that show continuity of space by providing an extended living space beyond the walls of a home and increase the amount of time one can spend outside.

Well oriented pergola casting enough light shade creating a comfortable resting area even on a hot afternoon.





## Selected projects

### RESIDENTIAL HOUSEPROJECT

Client:  
Private  
Location:

Makongo

Program:

Residential house

Project:  
Design and construction supervision

Year :  
2019

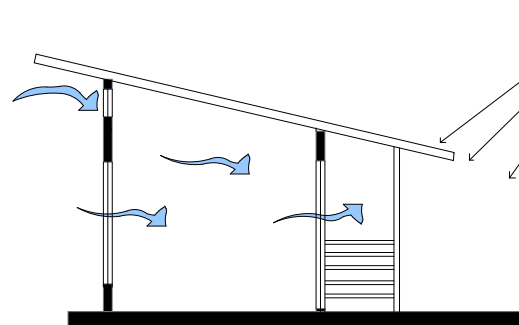
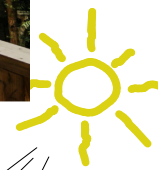
Project Status:  
Completed

Concept:  
Environmental sustainability, comfort, simplicity



The height of the outside wall in this design allows the provision of gallery windows thus allowing more natural light and air into the home.

Provision of large overhangs that helps to shade windows especially in hot climate, reduces the amount of rain that hits the windows, doors and sidings.



## Selected projects

### RESIDENTIAL HOUSE PROJECT

Client:  
Private

Location:  
Makongo

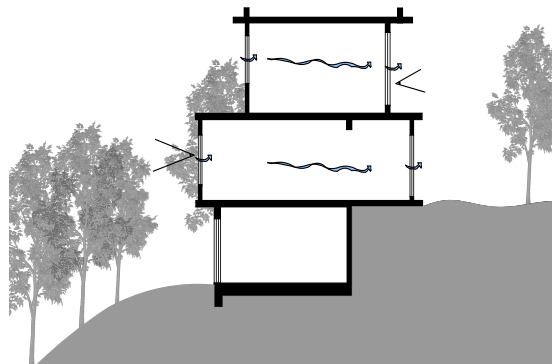
Program:  
Residential house

Project:  
Design and construc-  
tion supervision

Year :  
2020

Project Status:  
Ongoing

Concept:  
Comfort and environ-  
mental sustainability,  
Design with climate



Creative designs on sloping sites allow us to make the most of the view, the higher elevation gives this building greater views of the great scenery around the area.

This design has allowed more natural light and air to flow into the house through provision of larger openings hence increasing comfort to the occupants.

With a sloped feature it allows the manipulation of the site into creative landscape designs, while saving on excavation cost since the landscape would naturally follow the existing slope as it is.



## Selected projects

### RESIDENTIAL APARTMENT PROJECT

Client:  
Private

Location:  
Makongo

Program:  
Apartment building  
for three families

Project:  
Design and construc-  
tion supervision

Year :  
2018

Project Status:  
Completed

Concept:  
Comfort and envi-  
ronmental sustain-  
ability, Design with  
climate



Designs that ensures maximum view, the provision of large windows on spaces such as the living rooms facing the gardens allows the user to exploit the view available on site.

## Selected projects

### RESIDENTIAL APARTMENT PROJECT

Client:  
Private

Location:  
Makonggo

Program:  
Residential apart-  
ment

Project:  
Design and construc-  
tion supervisiom

Year :  
2016

Project Status:  
Ongoing

Concept:  
Comfort and envi-  
ronmental sustain-  
ability, Design with  
climate



Simple and economic roofing de-  
signs that go along with improv-  
ing the building aesthetics and comfort,  
monopitch designs provide a larger  
headroom in buildings.



## Selected projects

### RESIDENTIAL APARTMENT PROJECT

Client:  
Private

Location:  
Makongo

Program:  
Residential apart-  
ment

Project:  
Design and construc-  
tion supervision

Year :  
2017

Project Status:  
ongoing

Concept:  
Modern and  
sustainability



Butterfly roof design



steel framed balcony designs



Steel work



Staiwork

## The team

ALAMA ARCHITECTURE has a team of specialist architects with full membership in their professional governing organizations and who are bound by the codes of professional conduct and ethics of these bodies. ALAMA ARCHITECTURE zealously guards its role as an independent professional consultancy.

### VICTORIA HEILMAN



### Principle Architect

Dr. Victoria Marwa Heilman is a registered practicing architect in Tanzania; she holds a Doctorate degree in Architecture from the University of Stuttgart in Germany, 2016, a Master degree in Architecture from the Catholic University of America (CUA) through a Ford Foundation scholarship, and a Bachelor of Architecture from the University of Dar es Salaam – UCLAS in Tanzania. Dr. Victoria is a member of the Architects Association of Tanzania (AAT) and a cofounder of an NGO called Tanzania Women Architects for Humanity (TAWAH). Victoria works professionally as a principal architect at Alama Architecture (formerly known as VK Green Architects Ltd.) A company that she started in 2012 while teaching in the School of Architecture and Design at Ardhi University (ARU) in Dar es Salaam from 2001 to 2018.

Victoria is a strong advocate of Sustainable Design and Construction and this can be seen in her teachings, research and designs. In addition to her professional activities at ALAMA Architecture, Victoria is passionate about helping communities in need through her knowledge and expertise in architecture. She has volunteered with Habitat for Humanity Tanzania for a number of projects in rural Tanzania as a coordinator and a construction supervisor. She is the founding director of Tanzania Women Architects for Humanity (TAWAH) NGO. Since its creation in 2010, TAWAH has had success in building houses and classrooms using locally available materials and involving communities. Victoria was a Ford Foundation IFP fellow 2004, an Eisenhower Fellow in 2016 and a Mama Hope Global Advocate in 2020 and she used her fellowships in the USA and in Tanzania to learn different ways to expand TAWAH's work building adequate shelters in Tanzania.

In 2018, Victoria left her teaching career at Ardhi University to devote more time to Alama Architecture and TAWAH. Victoria continues her passion in sustainable architecture through ALAMA ARCHITECTURE and TAWAH's mission of bringing hope in communities by working together with women and youths to build adequate shelter for poor communities in Tanzania.



## The team

ERIC.A.MNGUMI



Architect

Eric Mngumi graduated with a Master's Degree in Architecture from Rostov-on-Don State Institute of Architecture, Russia, in 1997. He had previously obtained his Bachelor of Architecture from the same school. Subsequently, Eric worked as an assistant lecturer at Ardhi University for 11 years and he is currently teaching at the University of Dar es Salaam in the department of Architecture. Among other subjects, his teaching interests included 'History of 20th Century Architecture', and 'CAD as a Tool for Analysis and Design'. He was keenly involved in a research project on Documentation of Architectural Heritage Kilwa Kisiwani in Tanzania. Eric advocates for an organic approach to design where the architect carefully integrates material choices, structural considerations, purpose of the design and the site context. He believes that is what makes a design green and sustainable.

BEATRICE MHAGAMA



Assistant Architect

Beatrice Mhagama is a graduate Architect with a bachelor of architecture degree from Ardhi University, Dar es Salaam. She is an assistant architect at ALAMA ARCHITECTURE. Beatrice is a strong advocate of Sustainable designs. Her approach towards architectural design is focused on minimizing negative environmental impacts, the use of practical building materials and delivering cost efficient designs.

JOYCE SAID



Assistant Architect

Graduate Architect