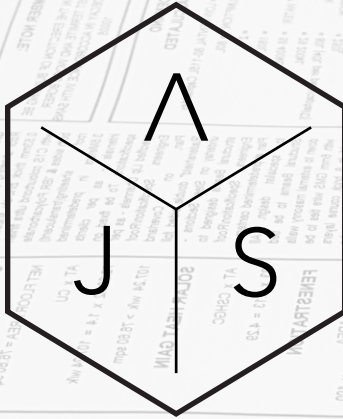




ANDRIES J SMITH

ARCHITECTURAL SOLUTIONS & CREATIVE STUDIO

IN ASSOCIATION WITH



G-SQUARED

CONSULTING ENGINEERS &
ARCHITECTURAL PROFESSIONALS

INTRODUCTION

Andries J Smith

In association with

G-Squared Project Management (PTY) LTD

We are a multi-disciplinary consultancy working in the built environment industry collectively in excess of 125 years experience on a wide variety of projects. Our vision is to be the preferred professional service provider in the following fields:

- Architectural
- Civil/Structural Engineering
- Project Management
- Fire Protection Services
- Town Planning Services
- Electrical engineering
- Quantity surveying
-

MISSION STATEMENT

We strive to provide quality, effective and timely service to our clients and to establish and maintain sound relationships with clients based on mutual respect. Committed to making a difference to our planet and those who inhabit it, by designing healthy and energy efficient buildings, using recycled and recyclable materials where possible in the built environment.

VALUES

We believe that through our ideals and principles we can contribute positively to society and industry as well as the environment. We believe in Integrity, Excellence and Teamwork.

We take pride in introducing our team:

- Andries J Smith
- Diane Garcia
- Don Garcia
- Stefaan deMeyer
- Hendrik McLeod
- Maartje Weyers
- Tony Rudman
- Markus Burri

MEET THE TEAM



Mr Andries J Smith (PA)

Mr Andries Smith is a Registered Professional Architect with over 7 years' experience in the architectural environment. The key focus of projects falls under the following categories: medium to high-end residential buildings, small country/ urban developments, light industrial structures, and small commercial projects.



Mrs. Diane Eileen Garcia (PAT)

Mrs. Diane Eileen Garcia (PAT) is a Registered Professional Architectural Technologist and the South African Institute of Architectural Technologists, with more than 35 years of experience. She gained much of her experience with the Jeffreys Bay municipality, working in the engineering and architectural offices. She has been involved in various projects, ranging from residential dwellings to factories and warehouses. She has a flair for design and is passionate about her work.



Mr Don Bruce Garcia (Pr Eng, PSAT)

Mr. Don Bruce Garcia heads the consulting Engineering division of the company. He is a Registered Professional Engineer and a Registered Professional Senior Architectural Technologist, with more than 50 years' experience in the design, fabrication, erection and management of various steel and concrete structures in South Africa and abroad and all aspects of structural and civil engineering.

He is a member of Engineering Council of South Africa and of the South African Institution of Civil Engineers.

He was also involved in the design of various high-rise concrete framed buildings in Port Elizabeth, Jeffreys Bay and elsewhere over the last 30 years.

MEET THE TEAM



Mr. Stefaan Demeyer (Pr. Eng.)

Born in Belgium, he completed a 5 year degree in “burgerlijk bouwkundig ingenieur” (civil and structural engineering) at the Vrije Universiteit van Brussel (Belgium).

Mr. Stefaan Demeyer is a registered professional engineer with more than 35 years of extensive experience gained in Belgium, Mozambique and South Africa.

He is a member of the Engineering Council of South Africa and of the South African Institution of Civil Engineers.



Mr. Hendrik McLeod (Btec fire technology, Btec management)

Mr. Hendrik McLeod, is a specialist Fire engineer. He is a specialist with 35 years of Fire Engineering experience.

Fire Wise consultants review the architectural design of a building; establish fire safety objective of the building; identify fire hazards and possible consequences; establish trial fire safety designs; identify acceptance criteria and methods of analysis and establish fire scenarios for analysis and their consequences.



Mrs. Maartje Weyers (Professional Planner)

Mrs. Maartje Weyers has 25 years of Professional Planning in both the Public and Private environments. Maartje gained 12 years' municipal planning experience whilst working at the Ekurhuleni Metropolitan Municipality and Nelson Mandela Metropolitan Municipality – specifically in the role of Chief Town and Regional Planner and Area Manager at Edenvale, Alberton and Kempton Park Customer Care Centers. Maartje furthered her career in private practice and worked 7 years for AECOM (previously known as Khuthele Projects and BKS) in the Eastern Cape Region, Port Elizabeth Office and participating in multi-disciplinary projects in various Provinces of South Africa. Maartje has since 2015 start her own free-lance consultancy business trading as Route2EC Town Planning Services.

Maartje has extensive experience in Land Use Management Policies, SPLUMA Land Use Management Applications, Spatial and Local Spatial Development Frameworks including Precinct Plans, Integrated Transport Planning and Project and Office Management.

MEET THE TEAM



Mr. Tony Rudman (PR. TECH ENGINEER)
Registered as an Incorporated Engineer (London).

The experience gained at the consulting firm covers a wide spectrum of work in Building Services and MV reticulation.

- I am able to offer full Electrical design, preparation of estimates, tender documents and bills of quantities.
- Adjudication of tenders, tender reports, project planning, project supervision and/or commissioning of the electrical installation.
- Project cost control, preparation of interim certificates and final account valuations.
- I can also offer insurance claim investigations to determine the causes of failure of electrical equipment etcetera.



Mr. Markus Otto Burri (BSc, Quantity Surveying)

I hold a BSc in Quantity Surveying qualification and I am a Registered Professional Quantity Surveyor. My experience incorporates Private and Public Sector. I have gathered experience on both Construction Project Management as well as Quantity Surveying practice.

My experience encompasses:

- Cost Advise and Cost Planning: Estimates, feasibilities, cost plans and budgets, cashflows,
- Contract Documentation: BOQ's, final accounts, specifications, contract correspondence
- Tendering and Contractual Arrangements: tender procedures, contract arrangements, tender evaluations
- Contract Services: cost control during construction, valuation certificates, variations, site meetings and minutes, agreeing final accounts

COMPLETED PROJECTS EXAMPLES



BOUTIQUE HOTEL - GQEBERHA

PROJECT SIZE: 1 152 sqm

PROJECT COST: R 13 800 000.00

COMPLETED: 2018

PROJECT DESCRIPTION

The client wanted to create a small, but exclusive hotel situated close to the airport. The property consisted of a dilapidated dwelling which was partly demolished.

The greatest project challenge was the restricted property size which effected the parking requirement while achieving the maximum profitable area.

The design was inspired by maximising space on the site using clean, uncluttered lines allowing the opulence of the interior finishes to surprise the guest.

The buildings' lower floor consists of a dining area, bar, entrance and relaxation areas, kitchen and guest ablutions.

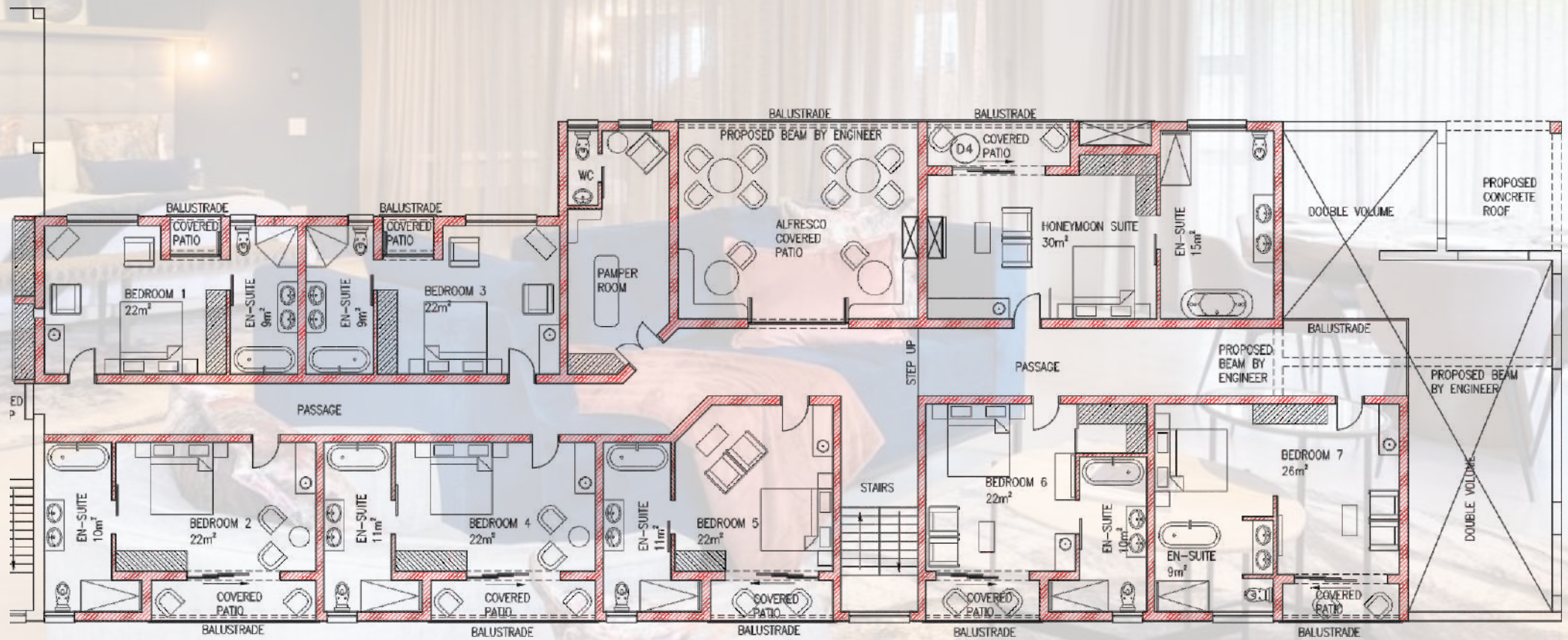
The upper level of the building consists of the luxury guest units including en-suite, coffee bar, seating area and balcony.

Also included on the upper level is a relaxation area and spa room for beauty treatments exclusive to clients.



BOUTIQUE HOTEL - GQEBERHA

FLOOR LAYOUT



HOUSE P - JEFFREYS BAY

PROJECT SIZE: 571 sqm

PROJECT COST: R 8 500 000.00

COMPLETED: 2022

PROJECT DESCRIPTION

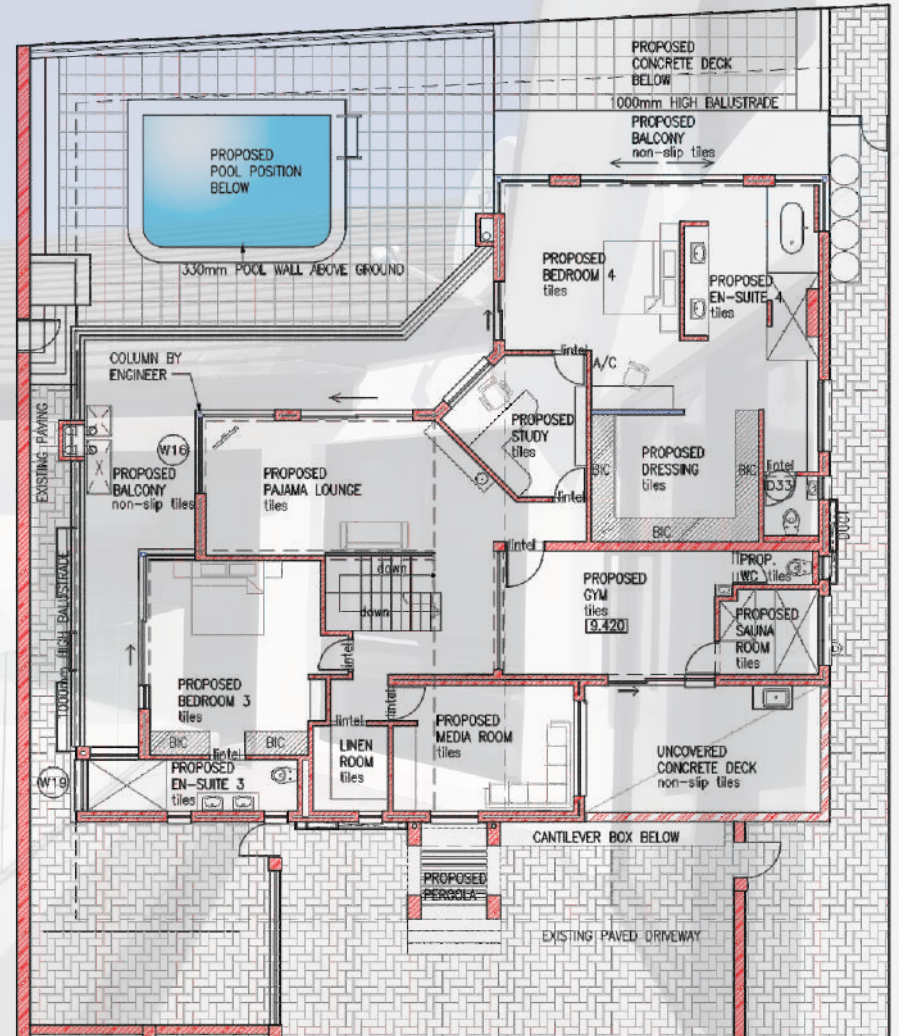
The clients purchased the building as a retirement home

This beautifully positioned house was an existing guesthouse situated next to a popular surf spot, boasting uninterrupted sea views. Due to structural issues the client had to demolish the existing structure and the house was redesigned using the original footprint.

The design concept was modern beach-house, focusing the design to connect all spaces to the view and enforce the connection between inside and outside living. The house consists of five bedrooms all with en-suite and several living spaces all connecting to the view and beach.



FLOOR LAYOUTS



HOUSE D - ST FRANCIS CANALS

PROJECT SIZE: 570 sqm

PROJECT COST: R 6 500 000.00

COMPLETED: 2021

PROJECT DESCRIPTION

This property was one of the last large canal stands remaining.

The client wanted a large retirement home that was well equipped for entertaining.

The house was designed to capture the spirit of the St Francis canals, which is all about relaxation and holiday atmosphere.

As part of the design maximum canal frontage was achieved as there is a private beach, jetty unobstructed views. The house expression is in the typical St Francis style but with a modern twist also using materials and finishes which combine to make an easy living, comfortable home.



HOUSE D - PARADISE BEACH

PROJECT SIZE: 150 sqm

PROJECT COST: R 1 500 000.00

COMPLETED: 2011

PROJECT DESCRIPTION

The owner purchased this north facing property on a corner at the furthest point of Paradise Beach due to its beautiful natural flora and view towards the mountains and west.

With a limited budget the owner wanted provision for her privacy upstairs and provision for guests downstairs as well as being connected to the living areas inside and outside.

The property has a small footprint, fits into the landscape and is designed to limit the impact on the natural vegetation.

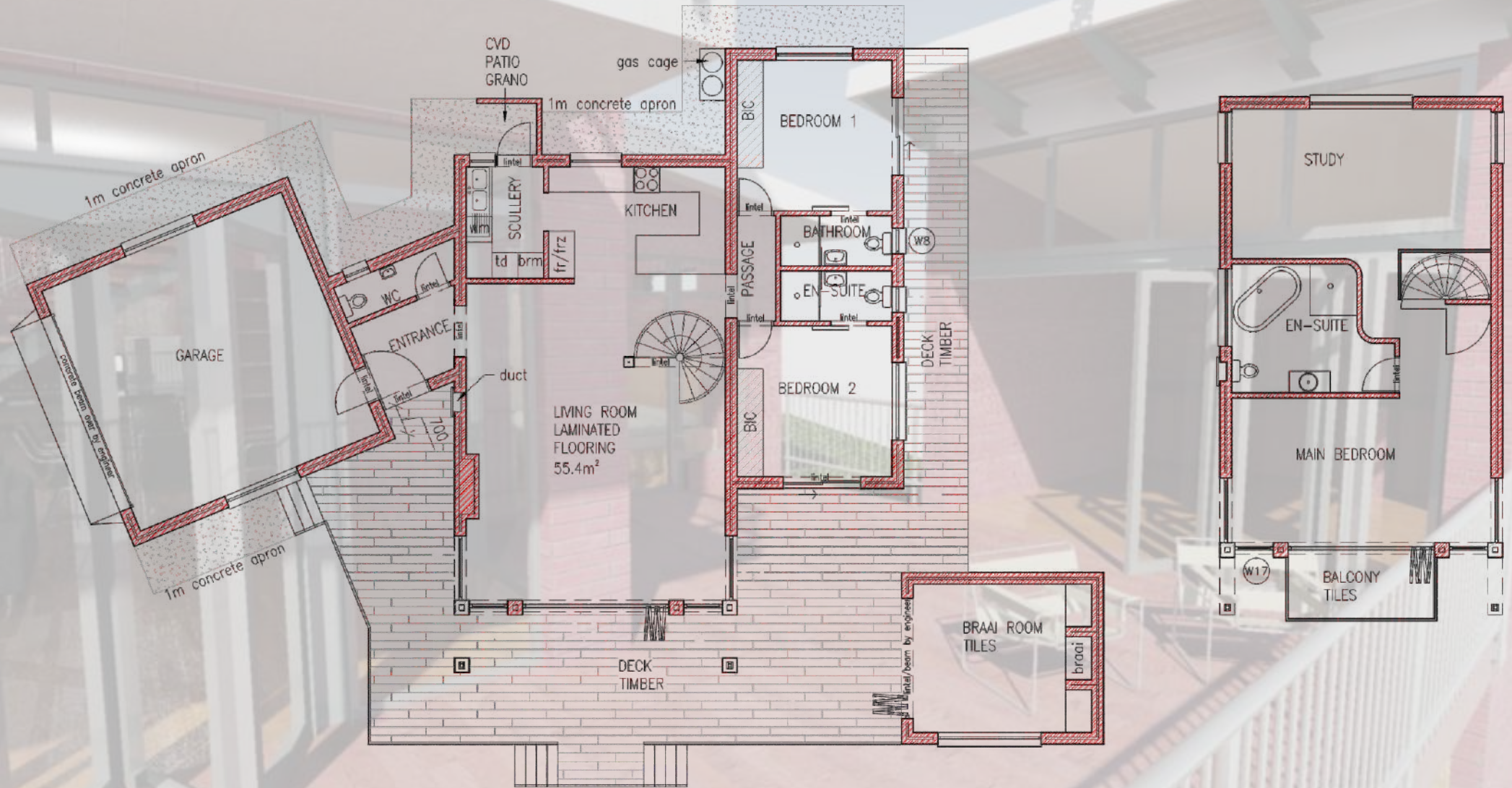
The guest bedrooms to the north and north-west fit snugly into the dense vegetation, while connecting to the living areas.

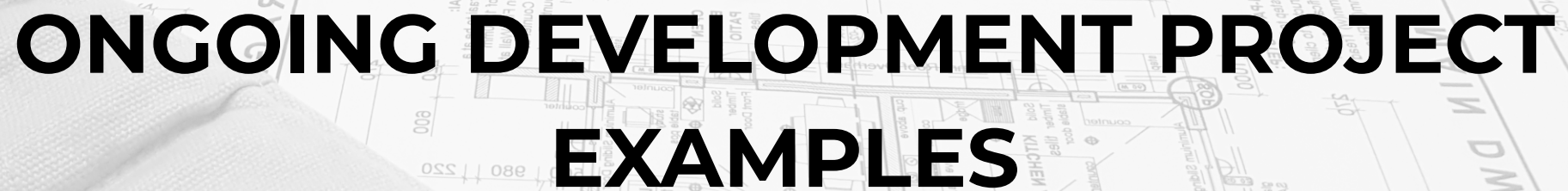
The choice of natural clay brick and internal materials add to this warm, comfortable home.



HOUSE D - PARADISE BEACH

FLOOR LAYOUTS





ONGOING DEVELOPMENT PROJECT EXAMPLES

THENANT RIDGE - DESPATCH

PROJECT DESCRIPTION

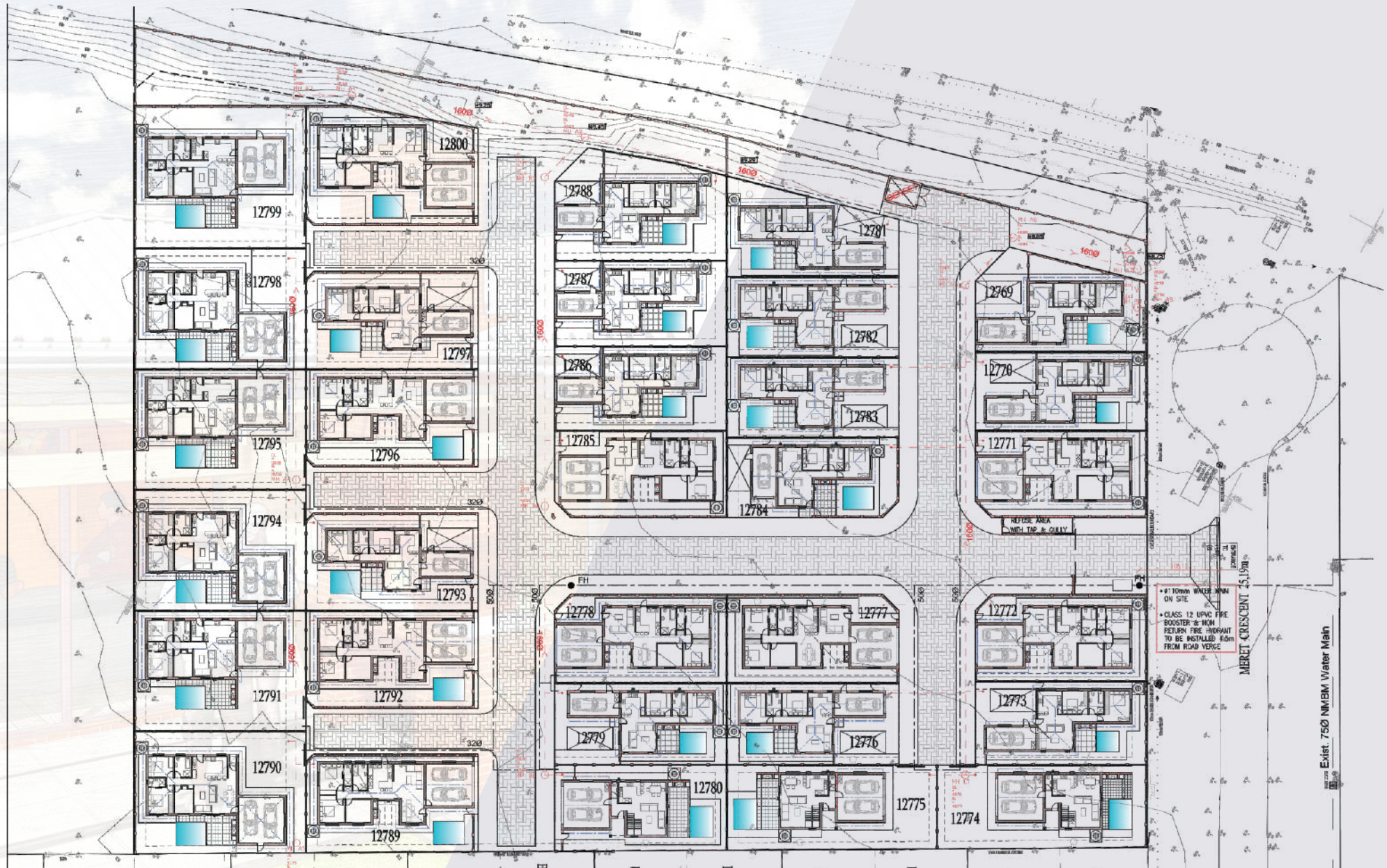
The project was conceived as a need arose for affordable and secure group housing. The client owns a parcel of land that is ideal for a development of this nature

The parcel of land is perfectly situated next to main routes which makes it ideal for a starter home and retirement development. The target market is first time home owners and the elderly in different price brackets. The key design focuses are affordability, security, and sustainability. The design and finishes took its queue from its surroundings and is sympathetic to traditional architecture in the area, yet modernised. A choice of unit sizes as well as single and double storey houses are offered.



THENANT RIDGE - DESPATCH

MASTER DEVELOPMENT PLAN

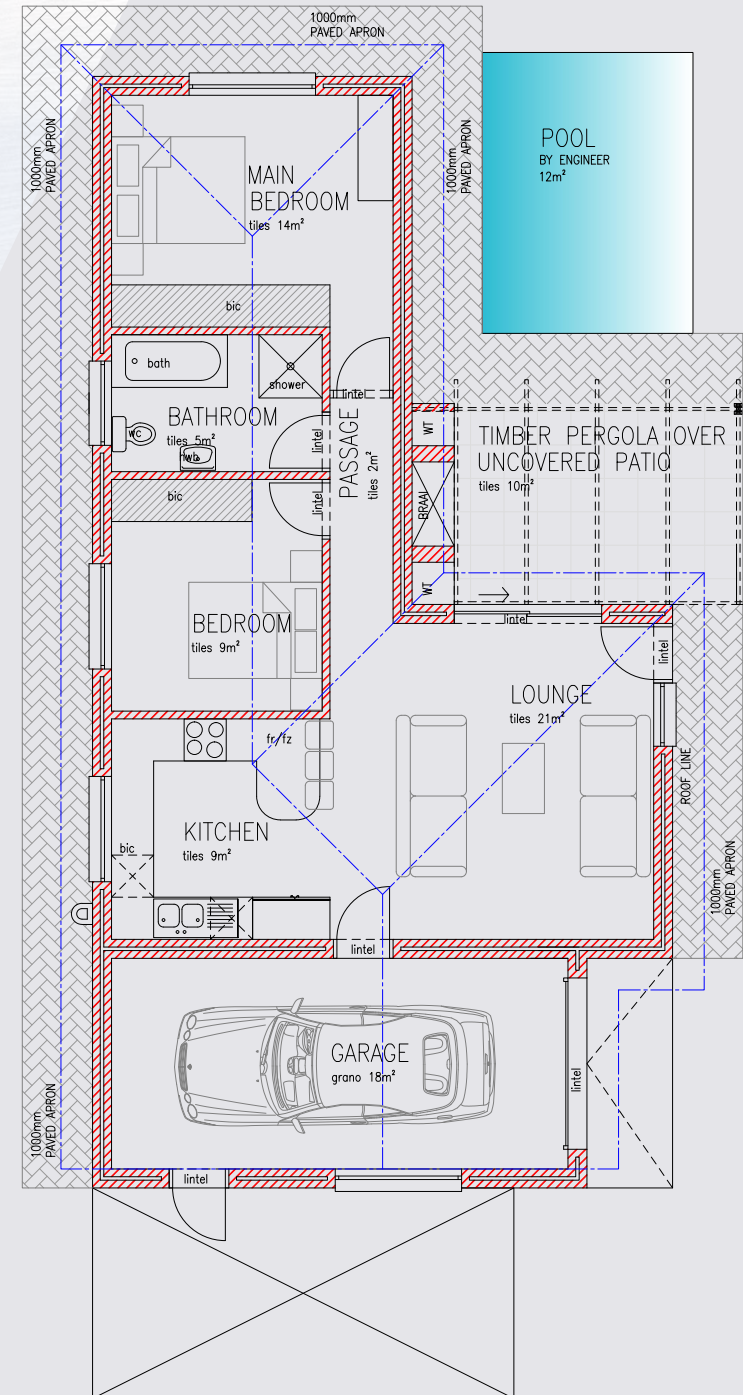


THENANT RIDGE - DESPATCH

UNIT TYPE - A

UNIT SIZE: 100 sqm

ESTIMATED BUILDING COST: R 1 000 000.00

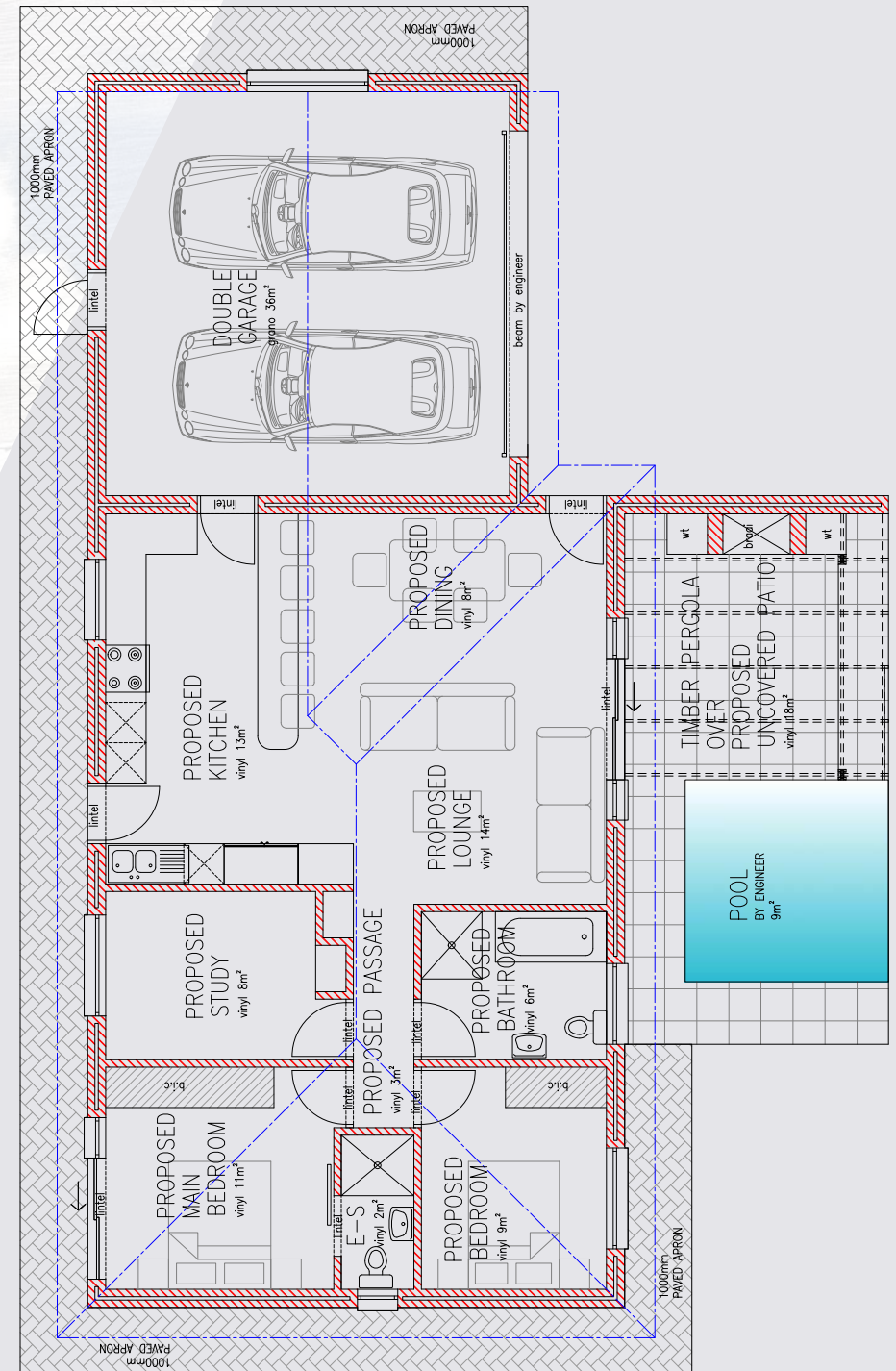


THENANT RIDGE - DESPATCH

UNIT TYPE - C

UNIT SIZE: 140 sqm

ESTIMATED BUILDING COST: R 1 400 000.00

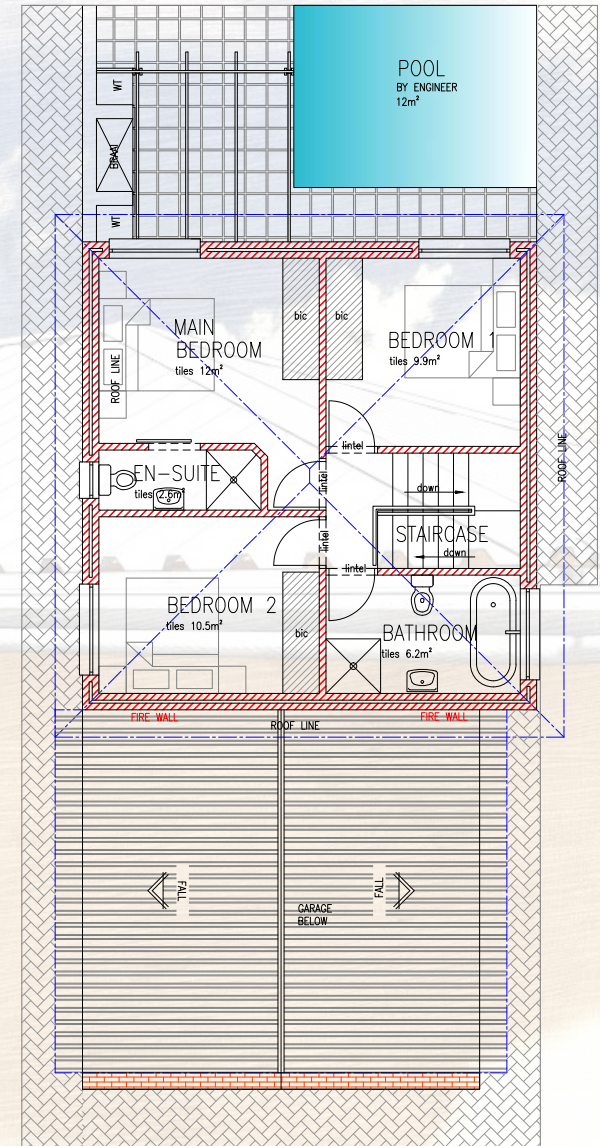
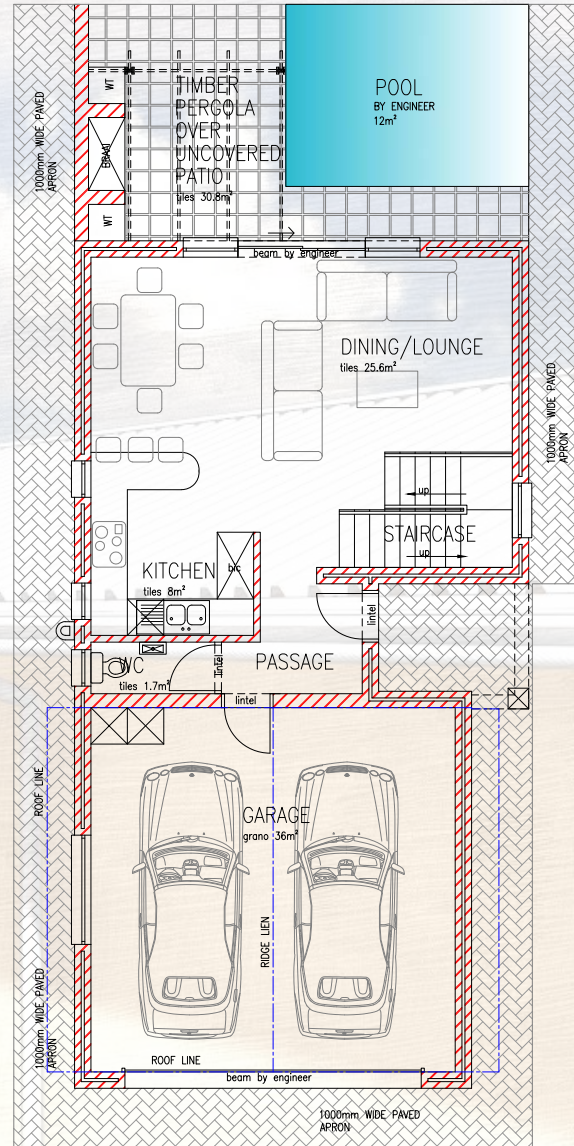


THENANT RIDGE - DESPATCH

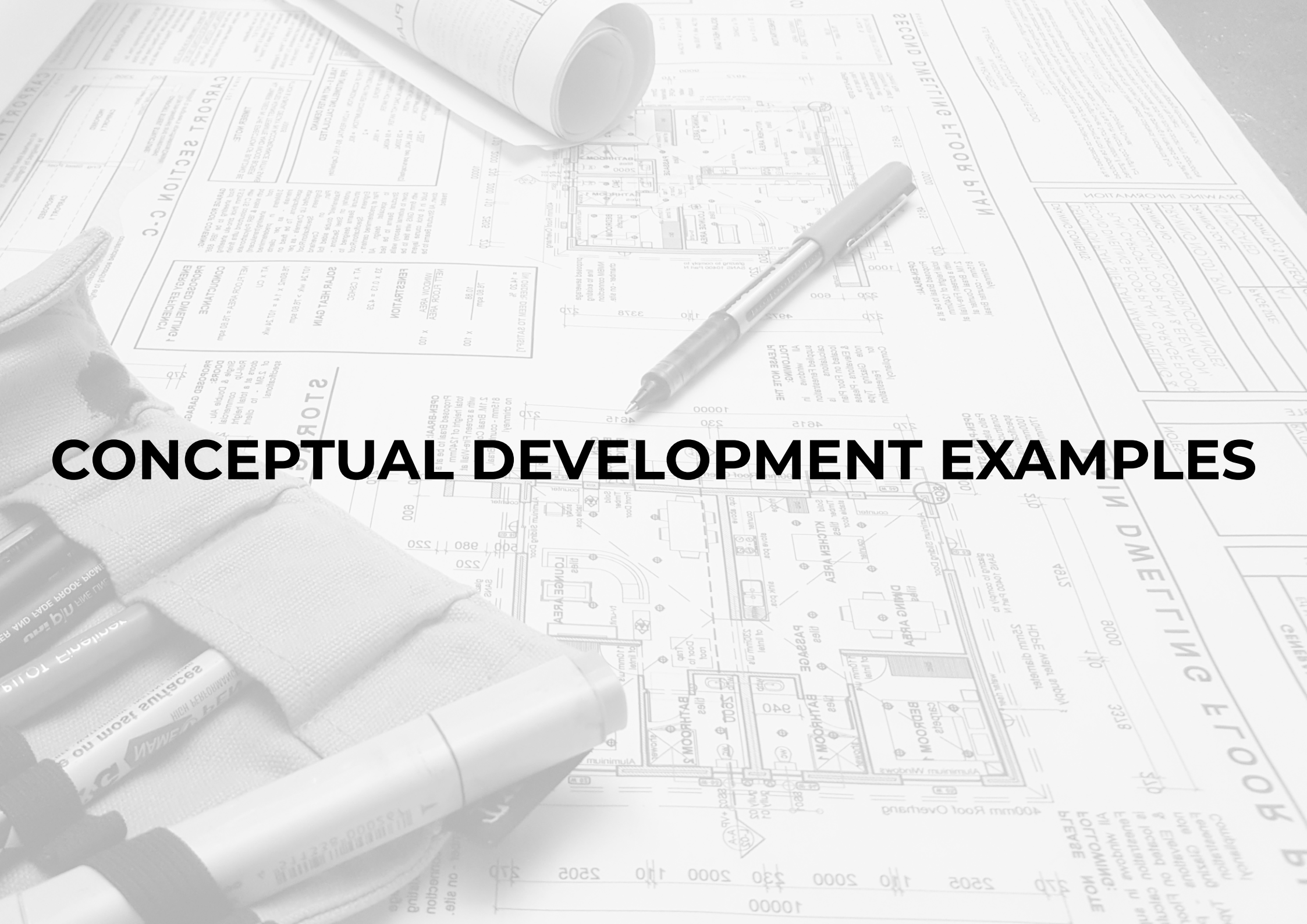
UNIT TYPE - E

UNIT SIZE: 151 sqm

ESTIMATED BUILDING COST: R 1 800 000.00



CONCEPTUAL DEVELOPMENT EXAMPLES



THE SANDS - DEVELOPMENT UNIT

UNIT TYPE A

This two-bedroom unit is an ideal starter home for a young family; the design focuses on privacy gradients within the structure, utilizing every square meter to keep costs as low as possible.

The aesthetic of the building is a modern Cape Dutch style with clean lines and simple finishes, which will stand the test of time.

Dwelling - 65sqm

Patio - 11sqm

Carport - 19sqm



THE SANDS - DEVELOPMENT UNIT



THE SANDS - DEVELOPMENT UNIT

UNIT TYPE B

This three-bedroom unit is an ideal starter home for a young family; the design focuses on privacy gradients within the building, utilizing every square meter to keep costs as low as possible.

The aesthetic of the building is a modern Cape Dutch style with clean lines and simple finishes, which will stand the test of time.

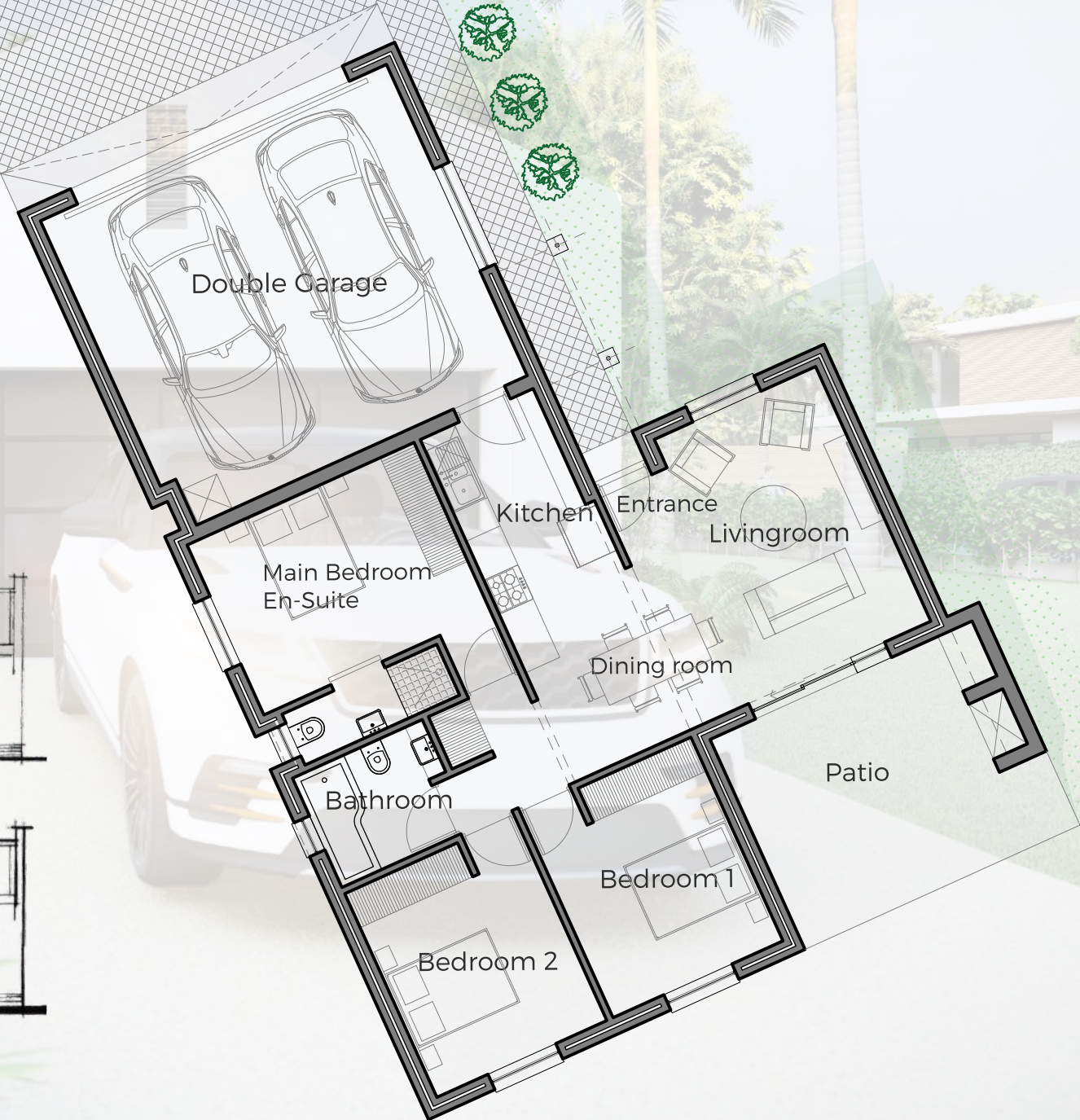
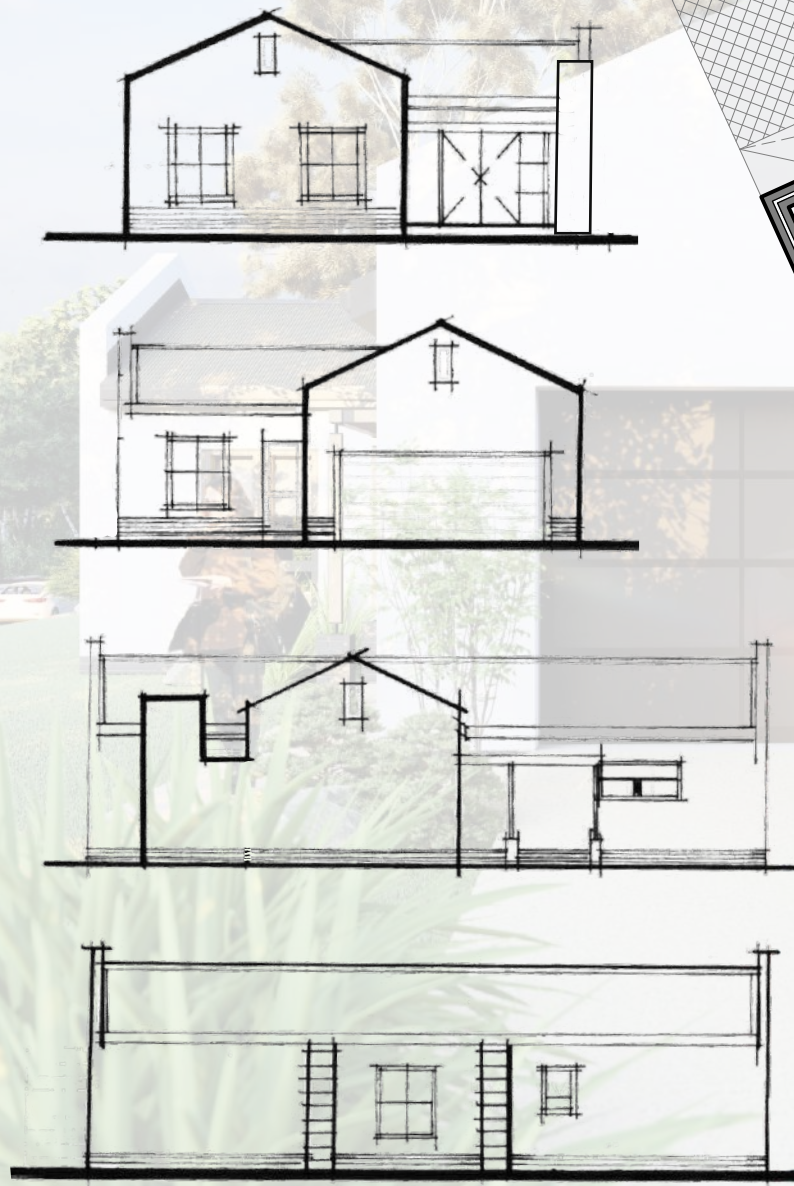
Dwelling - 90sqm

Patio - 12sqm

Garage - 39sqm



THE SANDS - DEVELOPMENT UNIT



ZONNEBLOEM- MOSSELBAY

The client purchased a parcel of land in Mosselbay for the purpose of development.

The client had to get 16 units onto the property to get the most of the parcel of land for maximum profits.

We had to design 3 bedroom units for the starter housing market in the area with an attached garage.

Due to the property constraint we had to design walk up units with a one way ring road around the development to be able to accommodate the client's brief.

The client wanted simple aesthetics with clean lines that would fit into its context that took its cues from a fishing village.



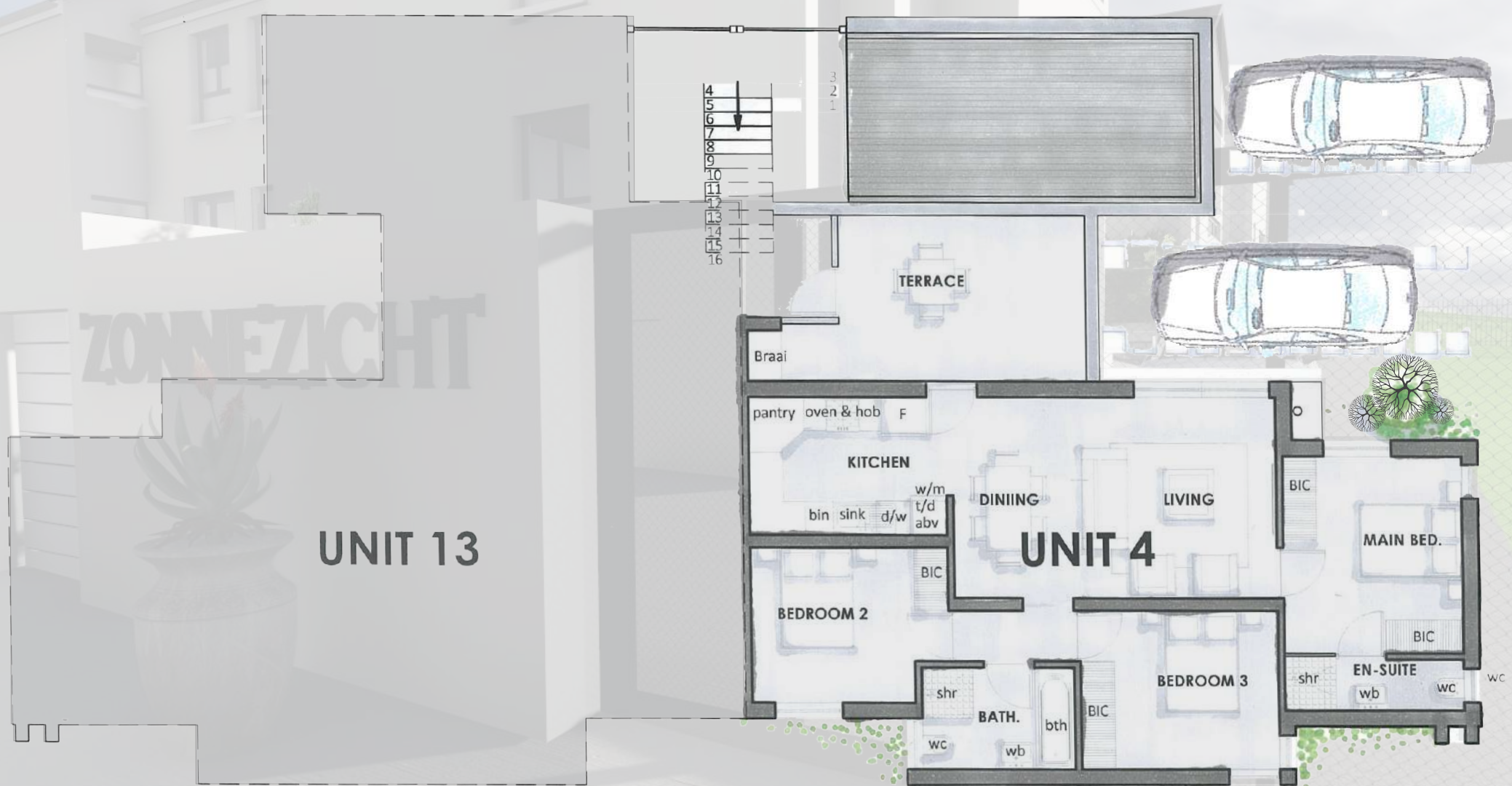
ZONNEBLOEM- MOSSELBAY

MASTER DEVELOPMENT PLAN



ZONNEBLOEM- MOSSELBAY

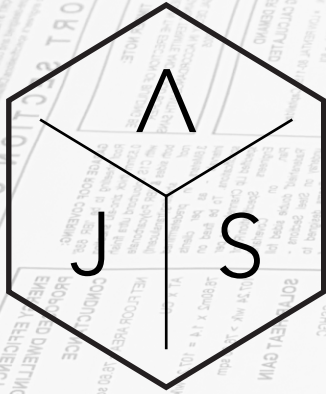
FIRST FLOOR UNIT



ZONNEBLOEM- MOSSELBAY

GROUND FLOOR UNIT





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JEFFREYS BAY OFFICE

ADDRESS: The Greenroom, J-Bay Surf
Village, 2a Da Gama Rd, 6330

CELL: 083 658 1139

EMAIL: andriesjamith89@gmail.com

G²SQUARED
**CONSULTING ENGINEERS &
ARCHITECTURAL PROFESSIONALS**

GQEBERHA BAY OFFICE

ADDRESS: 1 Kingston Rd Adcock Vale, 6001

POSTAL ADDRESS: P.O. Box 27719, Greenacres, 6057

CELL: 03 656 0708

TEL / FAX: 041 374 1551

EMAIL: diane@gsquaredpm.com