



COMPANY PROFILE

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PRINCIPAL MEMBER – RIAAN MÖLLER Pr Eng

Academic Qualifications

1975 – BSc, BEng (University of Stellenbosch)

1978 – ECSA Registration (Reg # 780149)

Professional Affiliation

Member of South African Institute of Civil Engineers

Member of Consulting Engineers South Africa

Member of the Engineering Council of South Africa

Field of Expertise

Structural analysis and design

Career Experience

1975-1981 Uitenhage Municipality (Bridge and Structural Design)

1981-1986 Africon Consulting Engineers (Bridge Design)

1986-present Viaplan Consulting Engineers (Bridge and Structural Design)

Detailed CV available on request.

ENGINEERING TECHNICIAN – ANNELIZE LLOYD Pr Techni

Academic Qualifications

2016 – N Dip (University of South Africa)

2018 – B Tech (University of South Africa)

2020 – ECSA Registration (Reg # 2020600487)

Professional Affiliation

Member of South African Institute of Civil Engineers

Member of the Engineering Council of South Africa

Field of Expertise

Structural analysis and design

Career Experience

2007 – Present Viaplan Consulting Engineers (Structural Design)

Detailed CV available on request.

COMPANY PHILOSOPHY

VIAPLAN Consulting Civil and Structural Engineers is an established consulting engineering practice in Port Alfred. We focus on providing the highest level of service by harnessing over 40 years of experience with dynamic innovation and the latest technology available.

At VIAPLAN, we strive to provide a service that sets us apart from our competitors.

Each project receives individual attention with the focus on our client's individual needs. Clients can be assured of hands on service, delivered ethically and with integrity while designs are kept aesthetic, safe, practical and economical. Clients and contractors are welcome and encouraged to visit our offices for consultations and advice.

SERVICES

Located in the heart of the Eastern Cape, we service the greater Port Alfred and Port Elizabeth areas. Our location, however, does not limit our services. VIAPLAN has been involved in many projects, nationally and internationally, these include: Pearl Valley Golf Estate in Paarl, Western Cape, and The Four Seasons Bilila Lodge in the Serengeti, Tanzania.

Local projects vary from show stopping luxury holiday homes, industrial warehouses and indulgent lodges to small additions and alterations. We have completed award winning projects such as Shamwari Eagle's Crag Lodge and House Hidden, Kenton-On-Sea.

Using the latest technology and methodology, we specialise in structural design and analysis and have completed projects in the following categories:

- Residential Structures
- Hotels and Lodges
- Apartment Blocks
- Industrial Structures
- Educational and Institutional Structures
- Sports Stadia
- Bridges
- High Rise Structures
- Shopping Centers

Our client base is made up of:

- Private Clients, Architects, Contractors and Developers
- Local Authorities
- Eastern Cape Provincial Department
- South African National Roads Authority
- Gauteng Department of Transport
- Western Cape Provincial Department
- Mpumalanga Provincial Department
- Transnet
- Anglo American Corporation

PROJECTS

Bridge Design and Management

Bridge structures designed by VIAPLAN include: structural steel, pre-stressed concrete and reinforced concrete structures. Assessments of existing bridges are conducted for widening, rehabilitation and maintenance purposes. Specifications are provided for remedial work.

High Rise Structures

The Telkom Towers Building in Pretoria consists of two 23 floor towers, connected by a steel bridge.

Residential Structures

We have designed and supervised the construction of over a 1000 new homes and renovations. Projects vary from minor additions and alterations to luxury homes featured in lifestyle magazines. We strive to realise our clients' dreams, no matter the size, budget or complexity of their project.

Hotels and Lodges

Royal St Andrews Lodge situated in Port Alfred – the project morphed from the minor restoration of a historical hotel to a state of the art, luxury facility, boosting Port Alfred's economy and creating jobs across the board as conferences, events and tourism needs are catered for. The design sensitively blends a bygone era with modern convenience, luxury and technology.

www.royalstandreshotel.co.za

Bilila Lodge and Melia Lodge are both located in the Serengeti, Tanzania. Projects in far reaching areas such as the Serengeti pose many challenges – all building materials are either manufactured and tested on site, or transported over great distances, labour is generally unskilled and language barriers often come into play. Communication and trust between all parties involved is thus crucial to the success of the project. www.fourseasons.com/serengeti/

Local lodges and hotels that have been designed by VIAPLAN include:

Oceana Beach and Wildlife Reserve (www.oceanareserve.com)

Eagles Crag Lodge, Shamwari Game Reserve (www.shamwari.com)

Kariega Lodge, Kariega Game Reserve (www.kariega.co.za)

Fort House, Kwandwe Private Nature Reserve (www.kwandwe.com)

Apartment Blocks

VIAPLAN has designed and supervised numerous apartment blocks. The designs have had to be especially economical in order to keep the unit selling price as affordable as possible. The majority of apartment blocks are aimed at students in neighbouring university towns.

Sports Stadia

The swimming pool and stadium for the South African Military Health Service in Pretoria was an interesting and challenging project. The design is made up of an Olympic sized swimming pool, underwater viewing gallery and stadium with a retractable roof, covering the pool and surrounding buildings.

Educational/Institutional Structures

VIAPLAN has designed and supervised numerous educational facilities. The Library, Hobson Boarding House and the High Performance Centre on the Kingswood College Campus in Grahamstown showcase how modern design and technology can complement the Victorian-Gothic Revival style of the Kingswood College campus. The new accommodation facilities at St Andrews College (Grahamstown) marry an existing historical structure with functional modern elements.

Interesting projects constantly arise and challenge us to broaden our design horizons – projects like the extensions of the Letaba Hospital (Mopani District), South African Military Health Services Officer's Mess and the additions to the Correctional Service Facilities in Brits, to name a few.

Low Cost Housing Developments

The involvement in turnkey projects has given VIAPLAN the opportunity to design and administer low cost housing projects. Over 500 units have been constructed to date. Thornhill, just outside Port Alfred, is a shining example of what low cost housing should look like. VIAPLAN conducted site supervision and administration on behalf of Bigen Africa.

Industrial Structures

Various steel structures have been designed and erected under the supervision of VIAPLAN. Designs have had to be economical, practical and adaptable. Often industrial structures change tenants and with that their function. VIAPLAN has been integral in accommodating and designing for the changing needs of our clients.

Reservoirs and elevated water retaining structures

Numerous reservoirs have been designed over the years.

Foundation design in coastal geotechnical conditions

Being located on the coast, VIAPLAN has extensive experience in the design of foundations in coastal geotechnical conditions. Drilled and hand excavated piles have been used often to realise the vision of our clients, whilst being sensitive to the natural environment and accommodating often poor founding conditions.

Supervision, structural reports and failure assessments

VIAPLAN is able to administer site supervision and administration for out-of-town Engineers working on local projects. Transparency, trust, ethics and communication is vital between Engineers in such situations. The Port Alfred Waste Water Treatment Works (valued at over R35 million) was designed by Bigen Africa Services (Pty) Ltd and supervised by VIAPLAN. Thornhill Low Cost Housing development was supervised and administered by VIAPLAN on behalf of Bigen Africa.

Private clients, estate agents and potential home buyers often require inspections and reports on existing and potential structural issues. We offer practical and economical advice for the repair and prevention of such issues.

Please do not hesitate to contact us should you require any further information.

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