

Gerhard Schellingerhout

Director



Profession	Structural Engineering Technologist
Education	Nat Dip, Civil Engineering, Port Elizabeth Technikon, 1997
Registrations/ Affiliations	Professional Technologist - Pr Tech Eng (South Africa), 201270129 Member of Concrete Society

Professional Development

Concrex Concrete Cracking Exposed 2012
 SANS 10160 Induction Seminar, 2012
 Structural Steel design, SANS 10162:1-2005, 2008
 Design of Reinforced Concrete Structural Elements, SABS 0100-1:1992
 Technical Report writing 2010
 Typical Portal Frame Design, 2015

Specialisation

Project management, contract administration, contract documentation, construction supervision, design and detailing of Structural and Civil engineering infrastructure.

Expertise

Gerhard Schellingerhout has been involved in the field of Civil & Structural Engineering for the past 22 years. His expertise includes, but not limited to:

- Planning, design and detailing of structural engineering infrastructure, ranging from Industrial, Commercial, Private and Government projects.
- Project Management, Supervision and contract administration of general building infrastructure projects;
- planning, design and detailing of general civil engineering infrastructure;
- tender and contract documentation of general structural engineering infrastructure projects;

Employment

2020 – Present	GCK Square Projects (Pty) Ltd, Managing Director, Port Elizabeth
2019 – 2020	MJM Consulting Engineers (Pty) Ltd, Managing Director, Port Elizabeth
2016 – 2019	Bara Consult (Pty) Ltd, Port Elizabeth, South Africa: Projects Director
2008 – 2016	Hatch Goba, Port Elizabeth, South Africa: Structural Technologist
2004 – 2008	Elwandle Projects, Port Elizabeth, South Africa: Structural / Civil Technician
1999 – 2004	BKS, Port Elizabeth, South Africa: Structural Design Technician
1997 – 1999	SKC & Niemann, Port Elizabeth, South Africa: Civil design technician

Languages

Afrikaans – read, write, speak
 English – read, write, speak

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Relevant Experience

Industrial and Manufacturing / Processing:

Volkswagen South Africa (VWSA), Uitenhage, South Africa

- Major Structural Column removals for Autobahn Project
- Link Canopy between Final Assemble and Tyre Store for Autobahn Project
- Suspended walkway in roof trusses for server rooms
- Component plant renovations for VW plant upgrading
- Paint Store / flammable store building additions.
- Uitenhage: remediation of damage caused by burst fire main underneath the VWSA offices, wind lobby enclosure between factory buildings, tool room refurbishment, new Microdot facility, VW Auto Pavilion Museum building

South African Breweries (subsidiary of SABMiller), South Africa:

- Alrode: new Maltings Plant (2013)

Water retaining structures:

Nelson Mandela Bay Municipality (NMBM), South Africa

- Uitenhage: new 12 Ml reservoir
- Port Elizabeth: Pappenkuils sewer pump station; 4m deep into the ground (crack control design)

Local Municipality, Port St Francis, South Africa

- St Francis Bay: new sewer pump station for the Port St Francis development

Local Municipality, Klipplaat, South Africa

- Klipplaat: new drainage system and oxidation pond for the local community

Coca Cola, Namibia

- Windhoek: Water Treatment Plant; addition to the existing building, structural steel portal frame

Reinforced concrete design and corrosion control in aggressive coastal environmental conditions

Chris Hani Municipality, South Africa

- Queenstown, Chris Hani municipal Office building alterations. Lift added, Council Chambers alterations
- Whittlesea, New Community Centre. RC Frames building, with structural steel trusses.

Department of Public Works, South Africa

- Aberdeen: refurbishment of the existing SAPS building
- Humansdorp: extensions of and alterations to the heritage SAPS building facility; refurbishment of the existing Commando for the SAPS Dog Unit

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- Grahamstown: remediation of the severely cracked Magistrate Court building, including installation of sub-soil drainage system and underpinning of existing foundations.
- Uitenhage: refurbishment of the existing heritage Uitenhage SAPS clock tower building

Nelson Mandela Metropolitan University (NMMU), South Africa

- Port Elizabeth (South Campus): lifts, disability hoist and carports at the NMMU buildings;
new Human Movement Science building with structural steel portal frame, reinforced concrete office double-storey slab, industrial kitchen extension and an 80m indoor tartan track; refurbishment and structural report of the NMMU Chemistry building 13 (fire damage)
- Port Elizabeth (2nd Avenue Campus): refurbishment the existing Library; new double storey entrance foyer with a disability hoist installation
- George (George Campus): student accommodation; three double storey residence units
- Port Elizabeth (Missionvale Campus): multi-storey library with glass lift structure, reinforced concrete slabs and structural steel trusses; lifts, mechanical hoists and link bridge; new glasshouse; new 664 seat pavilion at the sports facility
- Port Elizabeth (NMMU – Chemin Building): spalling repairs project
- Port Elizabeth (North Campus): strong room construction within the NMMU existing facilities
- Port Elizabeth: ex-PE Technikon (now NMMU North Campus); spalling repairs project
- Port Elizabeth (2nd Ave Campus) MM Loubser. Building alteration, converting hall into a lecture facility
- Port Elizabeth (Ocean Science Campus) Boat Garage structure. Building alterations converting an existing structure into a Boat Garage. Structural Steel frame
- Port Elizabeth (Ocean Science Campus) SRMO Offices. Building alterations converting existing house into offices
- Port Elizabeth (Ocean Science Campus) Ablutions additions to campus

Coega Development, South Africa

- Uitenhage – Industrial Park (Benteler facility): Paving replacement with concrete hardstand design

Nelson Mandela Bay Municipality (NMBM), South Africa

- Port Elizabeth: Health and Wellness Centre; new double-storey with concrete frame of curved structural steel roof trusses; refurbishment, additions and alternations of the existing structure for a local clinic
- Port Elizabeth: NMBM Customer Care Building; refurbishment, additions and alterations of the existing buildings

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- Port Elizabeth: NU2 Motherwell Stadium; new sport stadium pavilion, designed with concrete raking beams and precast concrete seating panels
- Port Elizabeth: Wolfesen Stadium; new sport stadium pavilion, designed with concrete raking beams and precast seating designed
- Port Elizabeth: Matthew Goniwe Township; all civil services on the township housing project

Mount Ayliff Municipality, South Africa

- Mount Ayliff: existing Municipal offices; refurbishment, additions and alterations

Department of Health, South Africa

- Uitenhage: Uitenhage Hospital; eight-storey lift addition, alterations to the existing building
- Alice: Victoria Hospital; additions and alterations to the existing hospital building

SANRAL, South Africa

- Cypress Grove N10 National Road (Cradock to Middleburg): design and detailing of various culverts

HMG, South Africa

- Port Elizabeth: Manganese Terminals, PE harbour; refurbishment of the severely corroded structural steel and spalled concrete structures

South African Breweries (SAB), South Africa

- Port Elizabeth: new SAB Building at the St Georges park cricket stadium (part of the 2003 cricket world cup stadium upgrades)

St Georges Park Cricket Ground, Port Elizabeth, South Africa

- Port Elizabeth: upgrades, refurbishment and additions to the St Georges park cricket ground

Alexander Forbes, South Africa

- Port Elizabeth: new multi-storey reinforced concrete office building, designed to accommodate additional concrete floors in the future

Netcare, South Africa

- Port Alfred: new Netcare Hospital building
- Grahamstown: additions and alterations to the existing Netcare Hospital building

Aberdare Cables, South Africa

- Port Elizabeth: new machine foundation pit inside the Aberdare Cable factory facilities

Mondelez, Port Elizabeth

- Port Elizabeth: Building – Health and safety Audits, 2016, 2017 & 2018
- Various building alterations / additions

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Commercial and Private Developments:

Waterfront Development, South Africa

- Port Elizabeth: New Humewood office park development. Building 4, 5, 6 & 7 (Coca Cola Office) 3 Storey office Building

Njoli Cashbuild building

- Port Elizabeth: New Cashbuild building extension to the Njoli Shopping Centre. Structural steel Warehouse structure

Wicklow Packhouse, South Africa

- Sunlands: New Packhouse structural steel Warehouse, and Civil works

House Mentz, South Africa

- Cape Town: New Reinforced Concrete dwelling

Servochem, Port Elizabeth

- Cape Town: Structural steel portal frame warehouse

Hopewell, Port Elizabeth

- Structural steel portal frame, wedding venue

Dummer Street, Cape Town

- Cape Town: 2 No. dwelling units. Multi-level concrete structure. Double storey Building

Eskom, South Africa

- Humansdorp: Building alterations / additions – New structural steel wash bay

Alexander School, South Africa

- Port Elizabeth: Ablution additions and open clubhouse balcony

Bergsig School, South Africa

- Uitenhage: Classroom additions. Structural steel framed structure

Muir School, South Africa

- Uitenhage: Building additions

Brandwag School, South Africa

- Uitenhage: Clubhouse Alterations

Albertyn School, South Africa

- Uitenhage: Garage additions

Motherwell Spar, South Africa

- Port Elizabeth: Line Shop additions
- Building Alterations. Mezzanine structure support frame
- Fire Report

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- Solar panel installation report

House Scholtz, South Africa

- Port Elizabeth: New residential building

House Venter, South Africa

- Port Elizabeth: Building additions

House Holmes, South Africa

- Sundays River: New double storey dwelling unit

NG Kerk, South Africa

- Port Elizabeth: Structural steel frame to omit concrete column at hall (top open up the hall towards the building additions)

184 Main Road Walmer, South Africa

- Port Elizabeth: New commercial building. 3 No. office / restaurant buildings. Site Civil works

Falcon Fire Arms, South Africa

- Port Elizabeth: New office building. Offices and shooting range. Site Civil works

Spar, South Africa

- Kirkwood: New storage warehouse – Parking area

Invictus, South Africa

- Port Elizabeth: Truck maintenance pit in warehouse
- Truck wash bay structural steel portal frame

Kenton-on-Sea Housing project, South Africa

- Kenton-on-Sea: Civil work quality control / Housing rafts and superstructure quality control

Brookes Pavilion, South Africa

- Port Elizabeth: additions and alterations to the existing building, converting the building into offices and restaurants

Suzuki, South Africa

- East London: new Suzuki Showroom consisting of a double-storey reinforced concrete office and a structural steel portal over the vehicle showroom

Spargs Wholesale, South Africa

- Mthatha: additions to the existing Spargs building; RC and structural steel elements

Manie Steyn, South Africa

- Port Elizabeth: Execcu Business Centre; new five-storey RC office building, precast slab system

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Davau Developers, South Africa

- Port Elizabeth: Moffat Office Park; new multi-storey RC office building development
- Port Elizabeth: Saxon on Villiers; three-storey up-market residential building unit

Fasie Malherbe, South Africa

- Jeffreys Bay: La Caribe, Marina Martinique; civil services design to the housing development

Private Developments, South Africa

- Port Elizabeth: Laurentia and Twin Oakes townhouse developments; civil services design

Peter King, South Africa

- St Francis Bay: Village Square Shopping Centre; Cape St Francis Resort - 12 holiday resort housing units; commercial building development at Port St Francis; Round the Bend, Captains Reach, Yardarm and Spinnaker - multi-storey residential buildings at Port St Francis

Adrian Beyleveldt, South Africa

- Port Elizabeth: Albert Gardens; double-storey residential building

BMI Industries, South Africa

- Port Elizabeth: Regents View six-storey residential building; - civil services design to the FCU Building development; new double-storey Panasonic Office Building
- Uitenhage: KFC; civil services design to the development

Russel Dakin, South Africa

- Port Elizabeth: River Club and Quay One townhouse developments
- Port Elizabeth: The Bay; eight-storey reinforced concrete structure

Private Developers, South Africa

- Jeffreys Bay: new Pambili Shopping Centre; suspended concrete slab above the basement parking garage
- Mossel Bay: new Langeberg Mall; 20 000 m² suspended slab
- Port Elizabeth: Walmer Pick 'n Pay shop extensions and alterations; Walker Drive Shopping Centre with concrete roof slabs
- Plettenberg Bay: new Plettenberg Bay Shopping Centre development

VW Barons, South Africa

- Durban: new VW Barons Vehicle Showroom

Access, South Africa

- Port Elizabeth: Access Retail Park; civil services design to the Builders Warehouse development

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Lennons Pharmacare, South Africa

- Port Elizabeth: Lennons Pharmacare building; spalling repairs project

Oakley, South Africa

- Port Elizabeth: new Oakley warehouse and retail building

KPMG, South Africa

- Port Elizabeth: new office building

Goodyear, South Africa

- Uitenhage: new 12 000m² warehouse; various concrete elements

Spar, South Africa

- Port Elizabeth: Spar Distribution Centre warehouse extensions; various concrete elements

Johnson Controls, South Africa

- Uitenhage: new office building construction

Vodacom, South Africa:

- Port Elizabeth: new main distribution centre