

Years' Experience: 2.5 years

Citizenship: South African

Race: White

MEMBERSHIP

Engineering Council of South Africa: 201651236

PROFESSIONAL PROFILE

A Civil Engineer with 2.5 years' experience in various aspects of road planning and design, geometric design of rural and urban roadways, traffic engineering and level of service determination.

RELEVANT EXPERIENCE

- Report writing, with focus on Traffic Engineering.
- Standard drawings
- Bill of Quantities
- Level of Service determination and calculations
- Traffic counting

KEY SKILLS

- AutoCAD drawings
- Civil 3D
- Microsoft Word and Excel

PROJECT EXPERIENCE

DATE/YEAR: 2016 - Current
 CLIENT: SANRAL SOC Ltd Southern Region
 PROJECT NAME: R62 – Section 8
 PROJECT DESCRIPTION:
 Consulting Engineering Services for the special maintenance on National Route R62 Section 8 from Karee Douw (km 0.0) to N2/R62 I/C (km 33.0)

LOCATION: Western Cape
 CAPITAL VALUE: R120 million
 POSITION HELD: Engineer
 RESPONSIBILITIES:

- Documentation such as the Road Safety Audit
- Engineering management of civil packages during implementation
- Guardrail and culvert drawings
- Designing and drawings of rest areas
- Road sign design

DATE/YEAR: 2016 - Current
 CLIENT: Department of Transport and Public Works
 PROJECT NAME: Maitland GG: Civil
 PROJECT DESCRIPTION:
 Upgrading of the Voortrekker Road (R102) and Rusper Street Intersection

LOCATION: Western Cape
 CAPITAL VALUE: ± R2 million
 POSITION HELD: Engineer
 RESPONSIBILITIES:

- Designing possible intersection upgrades
- Gathering traffic count data (Site inspection)
- Progress report for traffic impact assessment
- Traffic statement report for tender stage
- Bill of Quantities

DATE/YEAR: 2016 - Current
 CLIENT: Medi Clinic South Africa
 PROJECT NAME: Constantiaberg Medi Clinic
 PROJECT DESCRIPTION:
 Extensions and additions to Constantiaberg Medi Clinic: All engineering services

LOCATION: Western Cape
 CAPITAL VALUE: ± R1 million
 POSITION HELD: Engineer
 RESPONSIBILITIES:

- Amending of traffic statement report

PROJECT EXPERIENCE CONTINUES

DATE/YEAR: 2016 - Current
 CLIENT: Murray and Roberts Infrastructure
 PROJECT NAME: De Aar Wind farm
 PROJECT DESCRIPTION:
 De Aar Wind farm – Base designs

LOCATION: Northern Cape
 CAPITAL VALUE: R60 million
 POSITION HELD: Engineer
 RESPONSIBILITIES:
 • Gathering data in Excel sheet format

DATE/YEAR: 2016 - Current
 CLIENT: SANRAL
 PROJECT NAME: N003 – Section 20
 PROJECT DESCRIPTION:
 Interchange and freeway capacity upgrades on National Route 3 Section 2 from North of M13 interchange (km 3.00) to South of Hammarsdale interchange (km 9.00)

LOCATION: KwaZulu - Natal
 CAPITAL VALUE: R1.2 billion
 POSITION HELD: Engineer
 RESPONSIBILITIES:
 • Gantry design
 • Hydraulic calculations
 • Research and report writing on types of barriers
 • Barrier drawings
 • Guardrail drawings
 • Cost estimates
 • Geometric design of service roads

DATE/YEAR: 2016 - Current
 CLIENT: Medi Clinic Upington
 PROJECT NAME: Cape Town Medi Clinic Parking
 PROJECT DESCRIPTION:
 The construction of a raised pedestrian crossing in front of Cape Town Med clinic.

LOCATION: Western Cape
 CAPITAL VALUE: T.B.D
 POSITION HELD: Engineer
 RESPONSIBILITIES:
 • Raised pedestrian crossing design
 • Bill of Quantities

DATE/YEAR: 2016
 CLIENT: Subsolar
 PROJECT NAME: Solar Farms – Prieska to Hotazel
 PROJECT DESCRIPTION:
 Traffic Impact Studies of various solar power plants in the Northern Cape Province.

LOCATION: Northern Cape
 CAPITAL VALUE: R69 000
 POSITION HELD: Engineer
 RESPONSIBILITIES:
 • Traffic Impact Study (TIS) report of Tshepo Solar Power Plant
 • Traffic Impact Study (TIS) report of Boitshoko Solar Power Plant
 • Traffic Impact Study (TIS) report of Camel Thorn Solar Power Plant

DATE/YEAR: 2016 - Current
 CLIENT: SANRAL SOC Ltd Western Region
 PROJECT NAME: R27 – Section 9
 PROJECT DESCRIPTION:
 Consulting Engineering services for the intersection improvements at the Calvinia-Brandvlei-Williston intersection on National Route R27 Section 9

LOCATION: Northern Cape
 CAPITAL VALUE: T.B.D
 POSITION HELD: Engineer
 RESPONSIBILITIES:
 • Tender Evaluation report
 • Road markings drawing
 • Modelling of possible intersection upgrades

DATE/YEAR: 2016
 CLIENT: Mainstream Renewable Power
 PROJECT NAME: Platberg and Teekloof Windfarms
 PROJECT DESCRIPTION:
 Traffic Impact Study (TIS) for the transport of wind energy equipment to a facility in the Northern Cape Province

LOCATION: Northern Cape
 CAPITAL VALUE: R56 000
 POSITION HELD: Engineer
 RESPONSIBILITIES:
 • Transportation reports

DATE/YEAR: 2016
 CLIENT: Enviroworks CC
 PROJECT NAME: Grabouw Cemetery
 PROJECT DESCRIPTION:
 Traffic Impact Assessment of a proposed cemetery in Grabouw, Western Cape Province

LOCATION: Western Cape
 CAPITAL VALUE: R15 000
 POSITION HELD: Engineer
 RESPONSIBILITIES:
 • Traffic Impact Assessment (TIA) report

DATE/YEAR: 2017
 CLIENT: Department of Co-operative Governance, Human Settlements & Traditional Affairs Northern Cape (COGHSTA Northern Cape)
 PROJECT NAME: Traffic Impact Assessments NC
 PROJECT DESCRIPTION:
 Site Traffic Assessment of proposed housing developments in the Northern Cape Province.

LOCATION: Northern Cape
 CAPITAL VALUE: R22 800
 POSITION HELD: Engineer
 RESPONSIBILITIES:
 • Site Traffic Assessment (STA) reports for housing developments Bergsig and Vaalwater.

DATE/YEAR: 2017 - 2018
 CLIENT: Group Five Housing
 PROJECT NAME: Group 5 – Erf 6063
 PROJECT DESCRIPTION:
 Site Traffic Assessment of proposed housing development in Parklands, Western Cape Province.

LOCATION: Western Cape
 CAPITAL VALUE: T.B.D
 POSITION HELD: Engineer
 RESPONSIBILITIES:
 • Site Traffic Assessment (STA) report
 • Traffic counts

DATE/YEAR: 2017
 CLIENT: Department of Co-operative Governance, Human Settlements & Traditional Affairs Northern Cape (COGHSTA Northern Cape)
 PROJECT NAME: Traffic Impact Assessment Proteahof
 PROJECT DESCRIPTION:
 Traffic Impact Assessment of a proposed housing development in Delportshoop, Northern Cape Province.

LOCATION: Northern Cape
 CAPITAL VALUE: R22 264
 POSITION HELD: Engineer
 RESPONSIBILITIES:
 • Traffic Impact Assessment (TIA) report

DATE/YEAR: 2017
 CLIENT: Milnerton Estates Ltd
 PROJECT NAME: Sandown: Phase 1A & 1B
 PROJECT DESCRIPTION:
 Traffic Impact Study of a proposed office park development in Sandown, Western Cape Province.

LOCATION: Western Cape
 CAPITAL VALUE: T.B.D
 POSITION HELD: Engineer
 RESPONSIBILITIES:
 • Traffic Impact Study (TIS) report

DATE/YEAR: 2017
 CLIENT: Greenmined Environmental (Pty) Ltd
 PROJECT NAME: Malmesbury -TIA
 PROJECT DESCRIPTION:
 Traffic Impact Assessment for the development of a sand mine on the farm Doornkraal No.832, near Malmesbury, Western Cape Province.

LOCATION: Western Cape
 CAPITAL VALUE: R29 469
 POSITION HELD: Engineer
 RESPONSIBILITIES:
 • Traffic Impact Assessment (TIA) report

DATE/YEAR: 2017 - Current
 CLIENT: Western Cape Government: Department of Transport and Public Works
 PROJECT NAME: Road Network Information System (RNIS)
 PROJECT DESCRIPTION:
 Road Network Information System (RNIS)

LOCATION: Western Cape
 CAPITAL VALUE: Time Based

POSITION HELD: Engineer
 RESPONSIBILITIES:
 • Updating previous road logs and inspection of minor culverts

DATE/YEAR: 2017 - 2018
 CLIENT: Group Five Housing
 PROJECT NAME: Group 5 – Erf 6287
 PROJECT DESCRIPTION:
 Site Traffic Assessment of proposed housing development in Parklands, Western Cape Province.

LOCATION: Western Cape
 CAPITAL VALUE: T.B.D
 POSITION HELD: Engineer
 RESPONSIBILITIES:
 • Site Traffic Assessment (STA) report
 • Traffic counts

DATE/YEAR: 2017
 CLIENT: Curro Holdings (Pty) Ltd
 PROJECT NAME: Curro School Facility
 PROJECT DESCRIPTION:
 Traffic Impact Assessment of proposed school facility by Curro in Hillcrest, Kwa-Zulu Natal Province.

LOCATION: KwaZulu-Natal
 CAPITAL VALUE: R54 500
 POSITION HELD: Engineer
 RESPONSIBILITIES:
 • Traffic Impact Assessment (TIA) report

DATE/YEAR: 2017
 CLIENT: Curro Holdings (Pty) Ltd
 PROJECT NAME: Curro School Facility
 PROJECT DESCRIPTION:
 Traffic Impact Assessment of proposed school facility by Curro in Midrand, Gauteng Province.

LOCATION: Gauteng
 CAPITAL VALUE: R64 980
 POSITION HELD: Engineer
 RESPONSIBILITIES:
 • Traffic Impact Assessment (TIA) report

DATE/YEAR: 2017
 CLIENT: Curro Holdings (Pty) Ltd
 PROJECT NAME: Curro School Facility
 PROJECT DESCRIPTION:
 Traffic Impact Assessment of proposed school facility by Curro in Soweto, Gauteng Province.

LOCATION: Gauteng
 CAPITAL VALUE: T.B.D
 POSITION HELD: Engineer
 RESPONSIBILITIES:
 • Traffic Impact Assessment (TIA) report

DATE/YEAR: 2017 - 2018
 CLIENT: Rallim House
 PROJECT NAME: Rallim House School Facility

LOCATION: Western Cape
 CAPITAL VALUE: R57 000
 POSITION HELD: Traffic Engineer

PROJECT DESCRIPTION:
 Traffic Impact Assessment of proposed school facility by Rallim House in Sunningdale, Western Cape Province.

RESPONSIBILITIES:
 • Traffic Impact Assessment (TIA) report

DATE/YEAR: 2018
 CLIENT: South African National Parks (SANParks)
 PROJECT NAME: Phalaborwa Wildlife Activity Hub
 PROJECT DESCRIPTION:
 Traffic Impact Statement of a proposed Wildlife Activity Hub in Phalaborwa, Limpopo Province.

LOCATION: Limpopo
 CAPITAL VALUE: T.B.D
 POSITION HELD: Engineer
 RESPONSIBILITIES:
 • Traffic Impact Statement (TIS) report

CONTINUOUS DEVELOPMENT**YEAR**

2018

2018

2016

INSTITUTE

South African Road Federation (SARF)

University of Cape Town

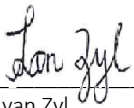
PROKON

QUALIFICATION

- Conducting Road Safety Audits
- Non-Motorized Transportation
- AutoCAD Civil 3D

STATEMENT:

"I Liza van Zyl, confirm that the above CV is an accurate description of my experience and qualifications and I agree to serve in the position indicated for me in the proposal and for the durations and at the locations indicated therein."



L van Zyl

25 July 2018

DATE