

FINAL BASIC ASSESSMENT REPORT FOR THE PROPOSED PIET RETIEF EXTENSION 22

On Portion 100 (A Portion of Portion) of the Farm Piet
Retief Town and Townlands 149 HT; Mkhondo Local
Municipality in Mpumalanga Province.

REF NR: 17/2/3 GS-239

JULY 2015



Part 4 of 4

BOKAMOSO

LANDSCAPE ARCHITECTS AND ENVIRONMENTAL CONSULTANTS

Tel: (012) 346 3810

Fax: 086 570 5659

E-mail: lizelleg@mweb.co.za

P O BOX 11375

MAROELANA

0161





MKHONDO LOCAL MUNICIPALITY

OFFICE OF THE MUNICIPAL MANAGER

Tel: +27 17 826 8100 | Fax: +27 17 826 3129 | E-mail address: amahlangu@mkhondo.org.za
| P O Box 23 Piet Retief, 2380 | 33 Mark Street, Piet Retief 2380 | www.mkhondo.gov.za

Enquiries : **HT Phakathi**
SM: PMU

Date: **15 May 2015**


RE: COMMENT ON THE DRAFT BASIC ASSESSMENT REPORT

The submitted basic assessment report for the proposed establishment of a shopping complex in Mkhondo Local Municipality

Comments

Mkhondo Local Municipality has accepted the draft basic assessment report received from **Bokamoso Environmental** regarding the EIA application for the proposed shopping complex on property, (A Portion of Portion 100 of the farm Piet Retief Town and Townlands 149-HT.)

The municipality would like to draw your attention to the following issue other than the legislative requirement expected for such development:

- Clarity on the energy resource as to where it will be sourced and have the relevant authorities consulted if there will be a need for any power upgrade to a substation
-  Water source for the proposed shopping centre. Sourcing water from natural resources will require **water use license application in terms of the National Water Act, Act 36 of 1998**. The NWA guides the management of water in South Africa as a common resource. The Act aims to regulate the use of water and activities which may impact on water resources through the categorisation of 'listed water uses' encompassing water extraction, flow attenuation within catchments, as well as the potential contamination of water resources, where the Department of Water Affairs (DWA) is the administering body in this regard,

- All servitude currently existing should be adhered, this refers to Eskom power line, Telkom wire, infrastructure buried underground, existing roads servitudes etc.
- No development is expected until all necessary legislative requirement have been fulfil which include but not limited to the following

1. Development Facilitation Act, 1995

The Development Facilitation Act, 1995 was specifically aimed at creating a single legal mechanism to deal with all the diverse aspects of land development in an integrated fashion. This may include the simultaneous subdivision/consolidation of the affected land portions and the cancellation of whatever conditions of title or servitudes may encumber the site. This process allows a prospective applicant to approach a single provincial planning tribunal for authorisation rather than to submit the matter to the municipal sphere of Government. The planning tribunal, at provincial level, has wide powers to incorporate and decide on various issues including the possibility of cancelling servitudes, amending zoning provisions and authorising subdivision of land (where relevant).

2. Town Planning and Townships Ordinance, 1986 (Ordinance 15 Of 1986)

As an alternative to the Development Facilitation Act, a similar application may be submitted and processed under Ordinance 15 of 1986 (the Ordinance). The important difference in this regard lies in the fact that, in terms of the Ordinance, the decision making authority rests with the Municipality, in this case the Mkhondo Local Municipality. In the first alternative, the decision lies with a provincial tribunal appointed by the Premier. Whilst an application in terms of the Development Facilitation Act requires of the applicant to comply with various mandatory requirements (i.e. specialist reports by a conveyance, engineers, land surveyor, geotechnical expert, environmental consultant and the town planner), the Ordinance does not, per se, enforce the same mandatory requirements as part of the submission. However, in both alternatives, the applicant is usually required to provide the same information/specialist reports, albeit at different stages throughout the application procedure.

3. Local municipal regulations (By –Laws)

Local regulations in terms of the following aspects will need to be taken into account in the development of the project:

Occupational health and safety;

Protected natural environments;

Limited development areas; and

Noise, vibration and shock

4. Occupational Health and Safety Act, Act 85 of 1993

Employees on the facilities sites may carry out work which exposes them to the intake of hazardous chemical substances. The regulations under the Occupational Health and Safety Act of 1993 require that an employer shall ensure that employees are adequately trained and informed of the potential source of exposure, the risks of exposure, protection measures, personal protective equipment, and maintenance of safety equipment, air sampling and medical surveillance, safe working procedures and emergency actions.

The municipality does not oppose the proposed development since it will have a positive impact to the local community in the area and further create more business and job opportunities.

Regards

MJS Mabuza

Acting Municipal Manager



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

MPUMALANGA

Private Bag x11259, Mbombela, 1200, Prorom Building, Cnr Brown & Paul Kruger Street

Enq: Sampie Shabangu

Tel : 013 759 7440

Email: shabanguh@dwa.gov.za

Fax :

Our Ref: 27/1 – TE/ Piet Retief Ext. 22

Your Ref:

Zerafusion (Pty) Ltd

Attention:

**RECOMMENDATIONS AND COMMENTS: APPLICATION FOR THE PROPOSED PIET
RETIEF EXT. 22 ON THE FARM PIET RETIEF TOWN AND TOWNLANDS 149 HT/ 100**

General

- 1.1. You are informed that these comments and recommendations are only applicable to the specified property(s) and it cannot be conducted anywhere else other than on the property on the subject line. Additionally, note that these comments do not exempt you to comply with any other legislation(s) applicable to the proposed activity (ies).
- 1.2. Special care and treatment as well as duty of care should be complied with as required by section 19 of the National Water Act of 1998 (NWA) and section 28 of the National Environmental Management Act of 1998 (NEMA) and specify the environmental management plan and mitigation measures.
- 1.3. Lest there are no significant changes between the draft and the final environmental impact studies, this comments remain relevant.
- 1.4. You are informed that by law, this property(s) where this recommendations; comments and water use(s) will be applicable must be made available for inspection by an authorised person in terms of section 124 and 125 of the National Water Act 1998, (Act 36 of 1998) hereafter referred as the Act.
- 1.5. For the water use authorisation application, the community resolution should comprise of a map of the area, minute of the community meeting and attendance register as well as the legal person representing the community, which can be in any legal form deemed necessary by the community.

2. Water use Entitlement

- 2.1. The extent route of the bulk water supply and sewer lines schemes are to a degree comprise of water course and unfortunately the provided maps cannot indicate it clearly, thus note the below advise prudently.

- 2.2. It is highly advisable to construct potential waste generating facilities away from major aquifers, independent of the vulnerability level unless a localized aquifer vulnerability assessment is conducted by a competent and qualified person.
- 2.3. The development of the cemetery facility constitutes section 21 (g) water use, which requires an authorisation from the DWA, before it's commence. Therefore consult the relevant section of the NWA to obtain the relevant authorisation.
- 2.4. Strict control and monitoring of the groundwater resource is imperative, given the character and significance of the groundwater resource.
- 2.5. During the operation/ occupancy phase, there should be no maintenance workshops within 100 meters from the edge of any water course including wetlands unless authorised. Moreover no stockpile of any material will/ is allowed within the sensitive areas and regulated areas referred to by the National Water Act, Act 36 of 1998 (henceforth referred to as the Act). Otherwise a section 21 (c) and (i) authorisation is required.
- 2.6. Exercise measures to protect and conserve the water resources by removing existing alien plants and discourage recruitment and recolonisation of the alien plants at and around the disturbed area(s).
- 2.7. Any degraded/ damaged water courses must be rehabilitated to encourage its functionality.

3. Services

3.1. Storm water Management

- 3.1.1. A storm water management plan and mitigations together with details regarding erosion control measures should be developed and adhered to and it should be approved by the relevant local authority before construction commences if necessary.
- 3.1.2. Appropriate measures should be implemented to avoid or minimize damming or ponding of water, as well as soil erosion.
- 3.1.3. The storm water drainage should not concentrate flow and should have multiple discharge points to diffuse flow, at discharge points monitoring should be done in respect of erosion control and energy dissipater should be implemented where needed.
- 3.1.4. All reasonable measures must be taken to prevent the introduction of storm water runoff containing waste or waste water emanating from the area of development into a watercourse, it must be collected and disposed properly.
- 3.1.5. Appropriate measures should be taken to ensure that the development and it associated storm water if possible is managed to improves but it does not alter:
 - 3.1.5.1. The Present Ecological State (PES) of the watercourse(s);
 - 3.1.5.2. The Ecological Importance and Sensitivity (EIS) of the water course(s);

3.1.5.3. The river banks stability, resulting from erosion

Please do not hesitate to contact this office if you require any additional information



PROVINCIAL HEAD: MPUMALANGA

DATE

9/4/2015

cc: 1. Bokamoso Landscape Architects and Environmental Consultants, P O Box 11375, Maroelana ,
0161, lizelleg@emweb.co.za, TEL: 012 346 3810, FAX: 0865705659

Mary-Lee

From: Bokamoso <lizelle@mweb.co.za>
Sent: 02 June 2015 10:50 AM
To: peter@practicegroup.co.za
Cc: lynette@practicegroup.co.za
Subject: Piet Retief x 22 [REF 17/2/3/GS-239]
Attachments: Geotechnical Report.pdf

Flag Status: Flagged

Good day,

The abovementioned project and your comments dated 4 May 2015 has reference.

Point number 2 in your comments on the Draft Basic Assessment Report refers to an unrelated geotechnical report. Please note that an administration error occurred and the incorrect geotechnical report was attached to the annexures, our apologies for this. Attached to this email is the correct geotechnical report that relates to the geotechnical information in the Draft Basic Assessment Report itself.

The Final Basic Assessment Report will have the correct geotechnical report attached to the annexures.

Thank you very much for picking up on this error.

Kindest Regards,

Mary-Lee van Zyl

Senior Environmental Assessment Practitioner



**Landscape Architects &
Environmental Consultants cc**

T: (+27)12 346 3810 | F: (+27) 86 570 5659 | E: lizelle@mweb.co.za | www.bokamoso.biz
36 Lebombo Street, Ashlea Gardens, Pretoria | P.O. Box 11375 Maroelana 0161

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www.avast.com

Mary-Lee

From: Juanita <user3@bokamoso.net>
Sent: 02 June 2015 11:32 AM
To: 'shabanguh@dwa.gov.za'; 'vusih.dube@gmail.com'; 'thuli.phakathi1@gmail.com'; 'lbrussouw@yahoo.com'; 'helmuthgevers@gmail.com'; 'tpotgieter@twkagri.com'; 'koosb@twkagri.com'; 'chanie@origintrp.co.za'; 'gawie@origintrp.co.za'; 'carolycoo@gmail.com'; 'eckie@pmica.co.za'; 'nadas@lando.co.za'; 'cindy.r@mweb.co.za'; 'bennie@frontierretail.co.za'; 'ovambo@lantic.net'; 'KaviS@sivest.co.za'
Subject: Piet Retief x 22
Attachments: Geotechnical Report.pdf

Dear Interested and Affected Party,

Please note that erroneously the incorrect geotechnical report was attached to the Draft Basic Assessment of the proposed Piet Retief x 22. Attached to this email is the correct geotechnical report that relates to the geotechnical information in the Draft Basic Assessment Report itself.

The Final Basic Assessment Report will have this correct geotechnical report attached to the annexures.

Trust you find the above in order.

Kind Regards,

Kind Regards/Vriendelike Groete

Juanita De Beer

Public Participation Consultant



**Landscape Architects &
Environmental Consultants**

T: (+27)12 346 3810 | F: (+27) 86 570 5659 | E: lizelleg@mweb.co.za | www.bokamoso.biz
36 Lebombo Street, Ashlea Gardens, Pretoria | P.O. Box 11375 Maroelana 0161

Mary-Lee

From: Dashentha <user4@bokamoso.net>
Sent: 24 July 2015 01:14 PM
To: 'Mary-Lee'
Subject: FW: PIET RETIEF EXTENSION 22
Attachments: 600912bs0207.docx

From: Peter Dacomb [<mailto:Peter@practicegroup.co.za>]
Sent: 02 July 2015 10:53 AM
To: ceo@mtpa.co.za
Cc: lizelle@mweb.co.za; 'Adriaan Venter'; mmkhonza@mkhondo.org.za
Subject: PIET RETIEF EXTENSION 22

Our Ref: 600/912
PJ Dacomb

2 July 2015

Attention: Ms B Shabalala

Department of Economic Development, Environment and Tourism
Mpumalanga Province

Dear Sir/Madam

**APPLICATION FOR ENVIRONMENTAL AUTHORISATION
NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998)
PROPOSED TOWNSHIP: PIET RETIEF EXTENSION 22**

Herewith a letter in the above regard for your attention.

Yours faithfully

PETER DACOMB Pr. Pln. A/521/1987 (B. TRP UP)



PRACTICE GROUP
townplanners

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PRACTICE GROUP
townplanners

Our Ref: 600/912
PJ Dacomb

2 July 2015

Attention: Mr SS Maluleka/Ms B Shabalala

Department of Economic Development, Environment and Tourism
Mpumalanga Province

Dear Sir/Madam

**APPLICATION FOR ENVIRONMENTAL AUTHORISATION
NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998)
PROPOSED TOWNSHIP: PIET RETIEF EXTENSION 22**

With reference to the above we act for Dr HS Joubert in this matter. We are instructed to withdraw from the above matter, as an interested and affected party.

We confirm that our client will no longer participate in the environmental evaluation process with regard to the aforesaid application and you are kindly requested to remove his particulars from the records accordingly.

We thank you for your kind co-operation herein and await to receive your written confirmation accordingly.

Yours faithfully



PETER DACOMB
per: THE PRACTICE GROUP

- cc: Ms L Gregory
Bokamoso Environmental Consultants
- cc: Mr A Venter
Adriaan Venter Attorneys and Associates
- cc: Municipal Manager
Mkhondo Local Municipality

D:600912bs0207(PJD'15/hww)

Mary-Lee

From: Juanita <user3@bokamoso.net>
Sent: 24 July 2015 01:21 PM
To: 'Peter@practicegroup.co.za'
Subject: Piet Retief X22

Dear Peter,

Thank you for your response, we have noted your comments.

We have removed your contact details on our I&AP's list.

Kind Regards/Vriendelike Groete

Juanita De Beer

Public Participation Consultant



**Landscape Architects &
Environmental Consultants**

T: (+27)12 346 3810 | F: (+27) 86 570 5659 | E: lizelleg@mweb.co.za | www.bokamoso.biz
36 Lebombo Street, Ashlea Gardens, Pretoria | P.O. Box 11375 Maroelana 0161

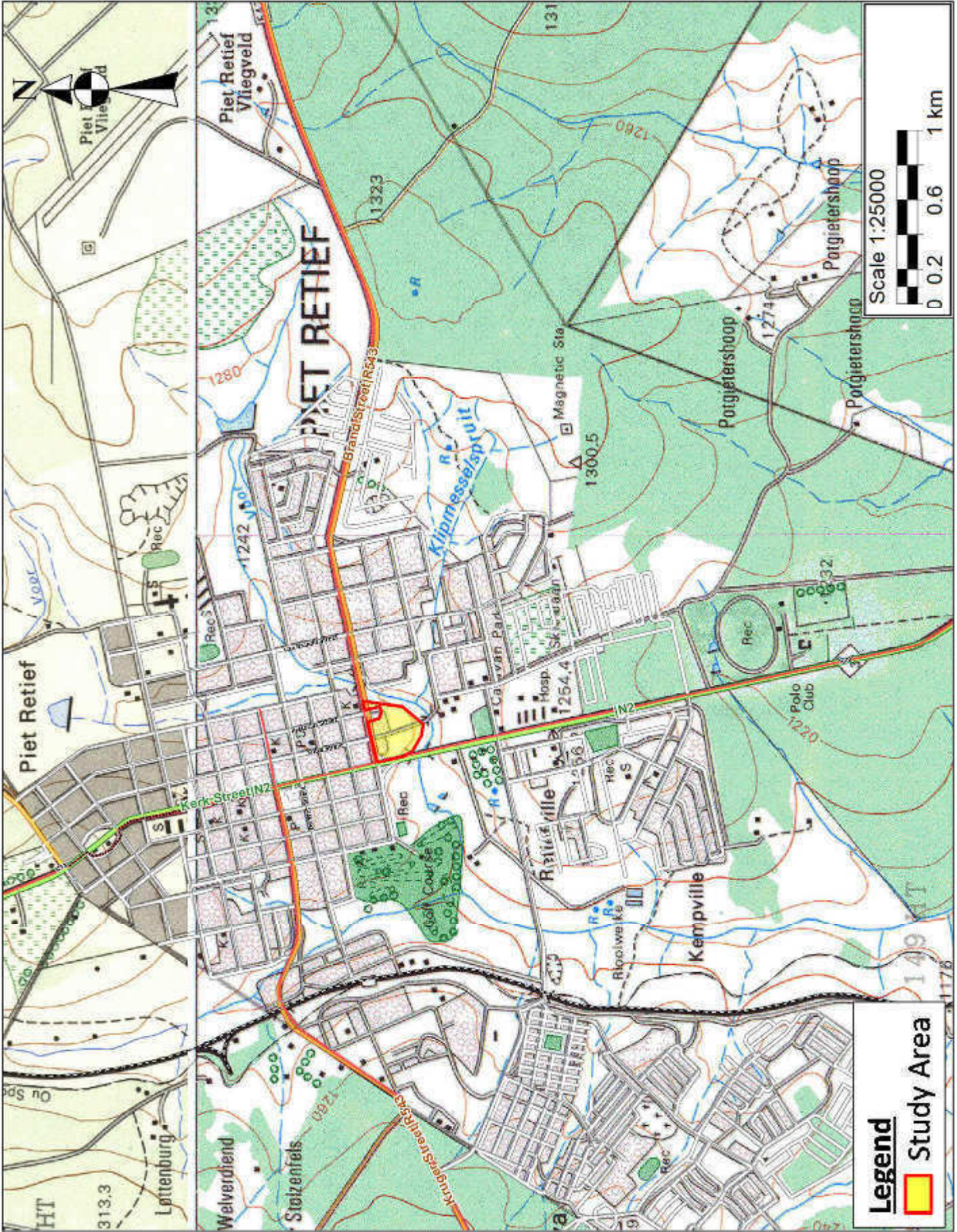
Appendix G:

Enlarged copies of figures



**Figure 1:
Locality Map**





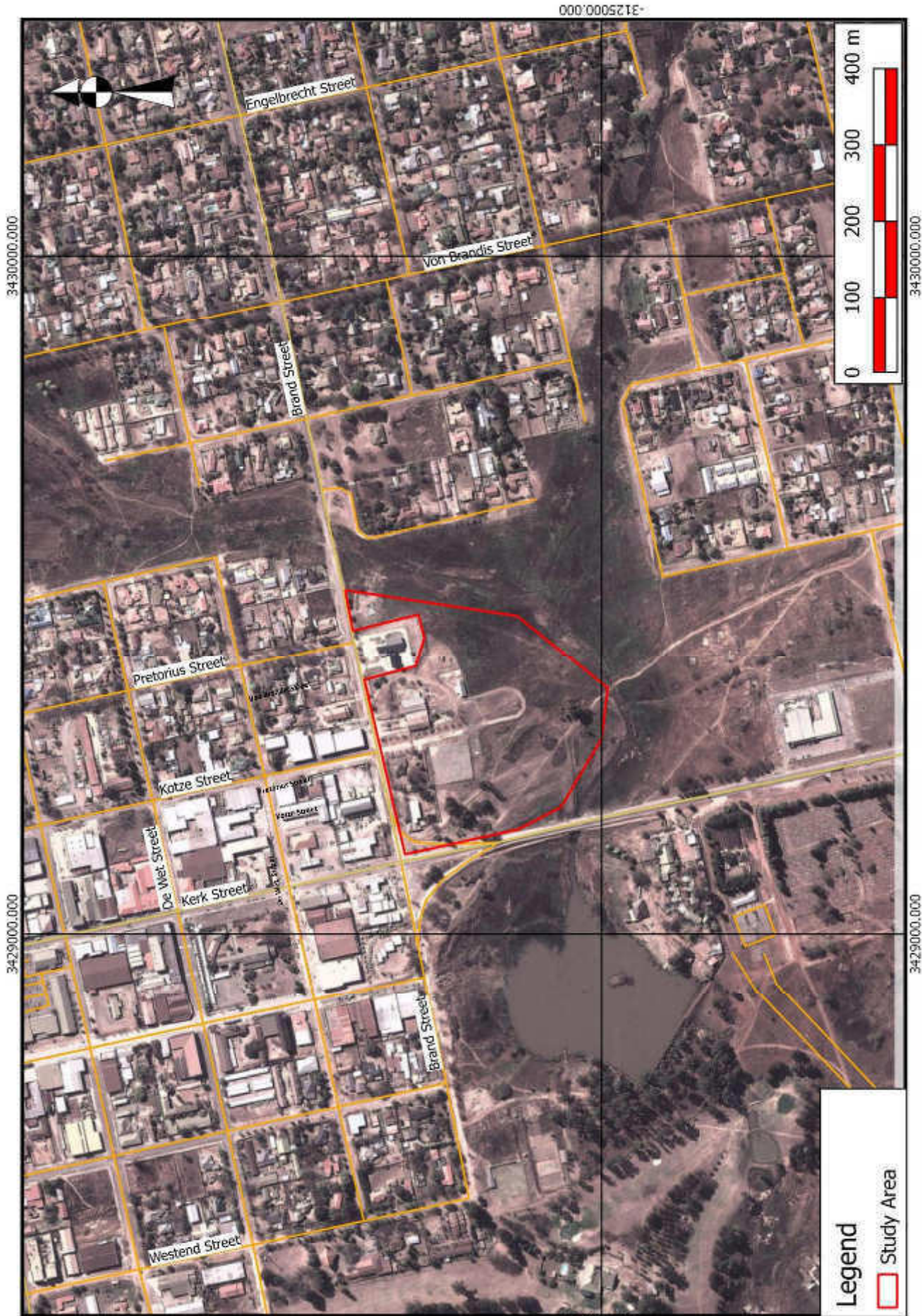
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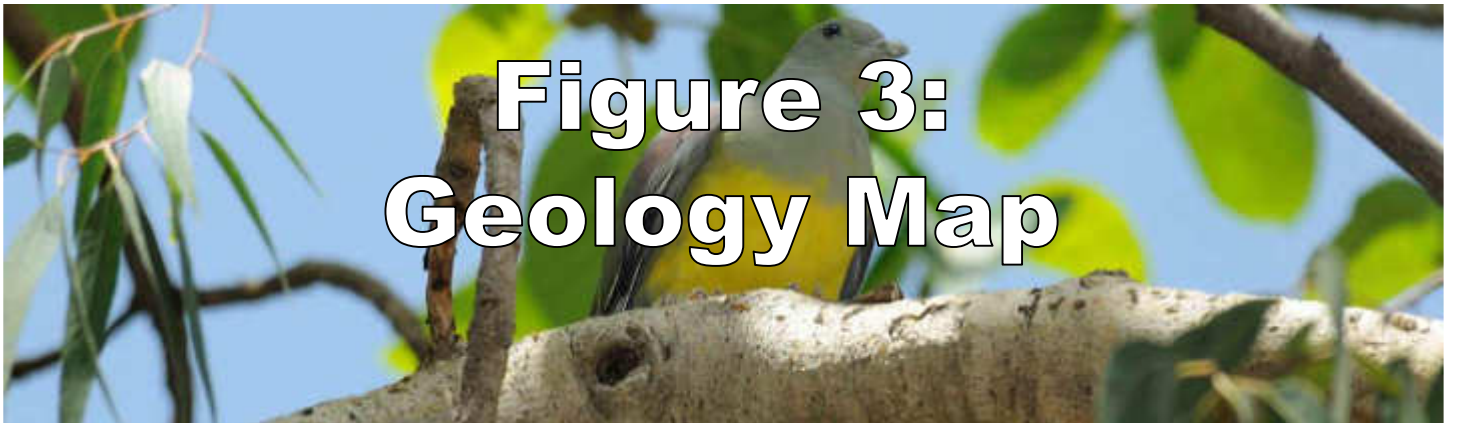
Legend
 Study Area

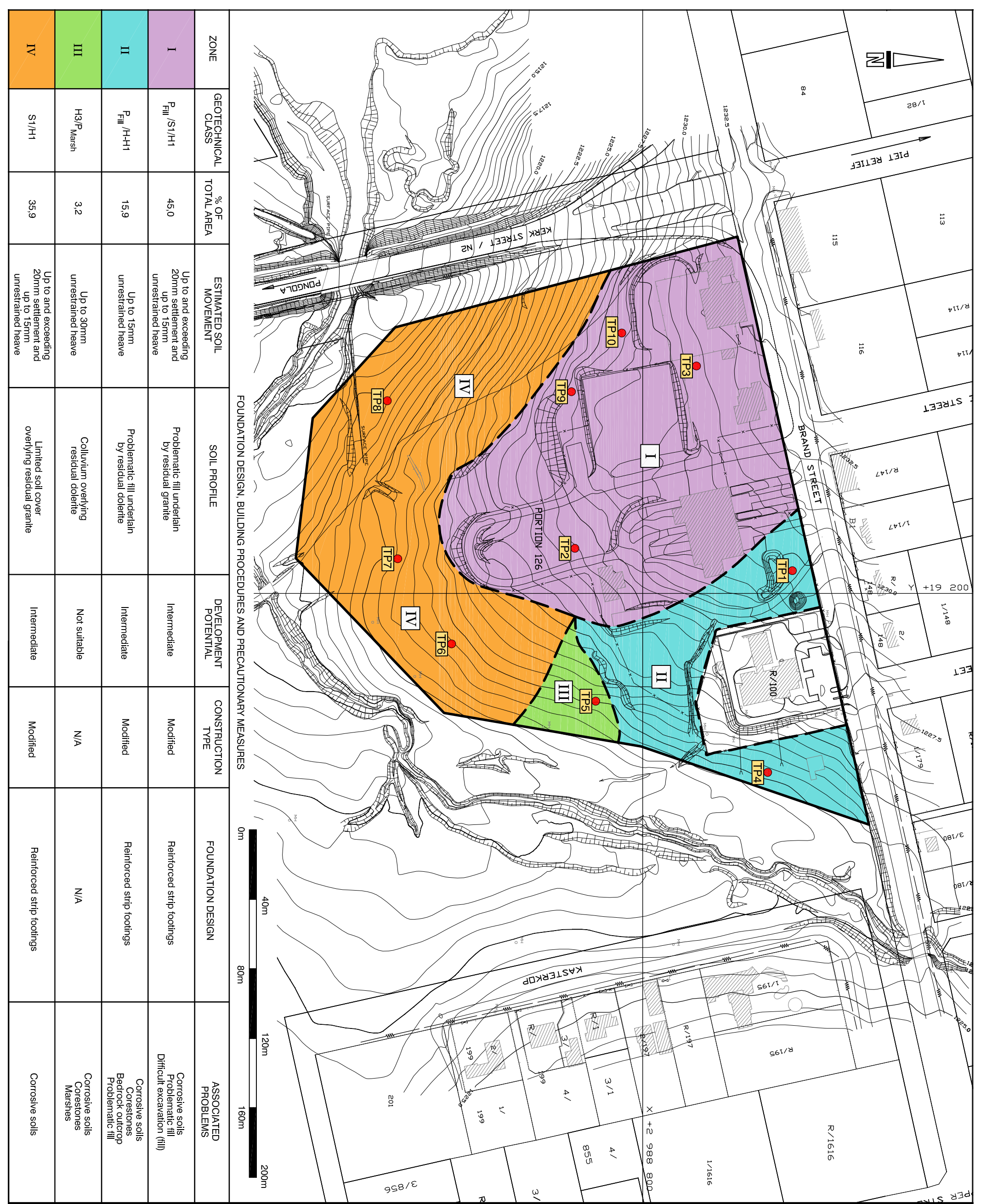
**Figure 2:
Aerial Map**





**Figure 3:
Geology Map**





ZONE	GEOTECHNICAL CLASS	% OF TOTAL AREA	ESTIMATED SOIL MOVEMENT	SOIL PROFILE	DEVELOPMENT POTENTIAL	CONSTRUCTION TYPE	FOUNDATION DESIGN	ASSOCIATED PROBLEMS
I	Fill /S1/H1	45.0	Up to and exceeding 20mm settlement and up to 15mm unrestrained heave	Problematic fill underlain by residual granite	Intermediate	Modified	Reinforced strip footings	Corrosive soils Problematic fill Difficult excavation (fill)
II	Fill /H/H1	15.9	Up to 15mm unrestrained heave	Problematic fill underlain by residual dolerite	Intermediate	Modified	Reinforced strip footings	Corrosive soils Corestones Bedrock outcrop Problematic fill
III	H3/P Marsh	3.2	Up to 30mm unrestrained heave	Colluvium overlying residual dolerite	Not suitable	N/A	N/A	Corrosive soils Corestones Marshes
IV	S1/H1	35.9	Up to and exceeding 20mm settlement and up to 15mm unrestrained heave	Limited soil cover overlying residual granite	Intermediate	Modified	Reinforced strip footings	Corrosive soils

FIGURE 4

LEGEND

- TP1 TEST PITS
- INFERRED BOUNDARY

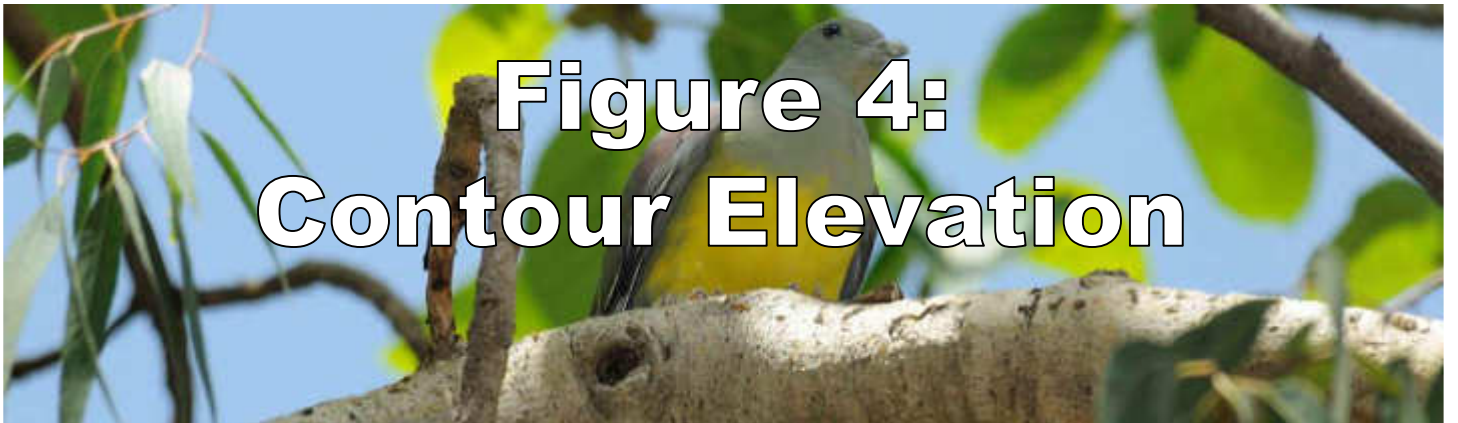
FOR ILLUSTRATIVE PURPOSES ONLY

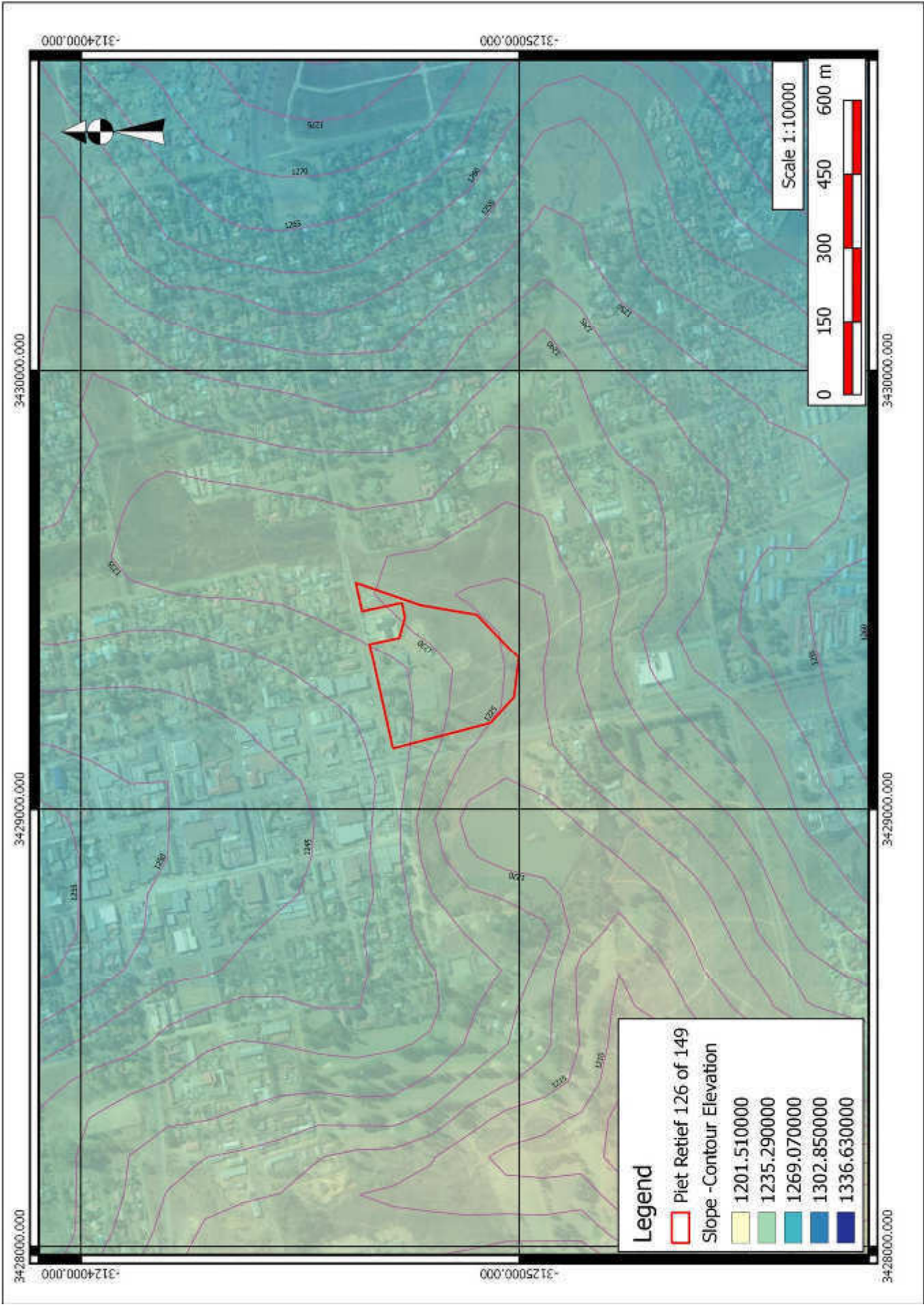
SOILKRAFT

PO BOX 73478
LAWWOOD RIDGE
TEL: (0121) 991-0426
FAX: (0121) 991-2555
EMAIL: info@soilkraft.co.za

CLIENT: Zaratusion (Pty) Ltd
PROJECT: Geotechnical Zoning
DATE: 7 October 2013

**Figure 4:
Contour Elevation**





Legend

- ▭ Piet Retief 126 of 149
- Slope - Contour Elevation
- ▭ 1201.510000
- ▭ 1235.290000
- ▭ 1269.070000
- ▭ 1302.850000
- ▭ 1336.630000

Scale 1:10000

0 150 300 450 600 m

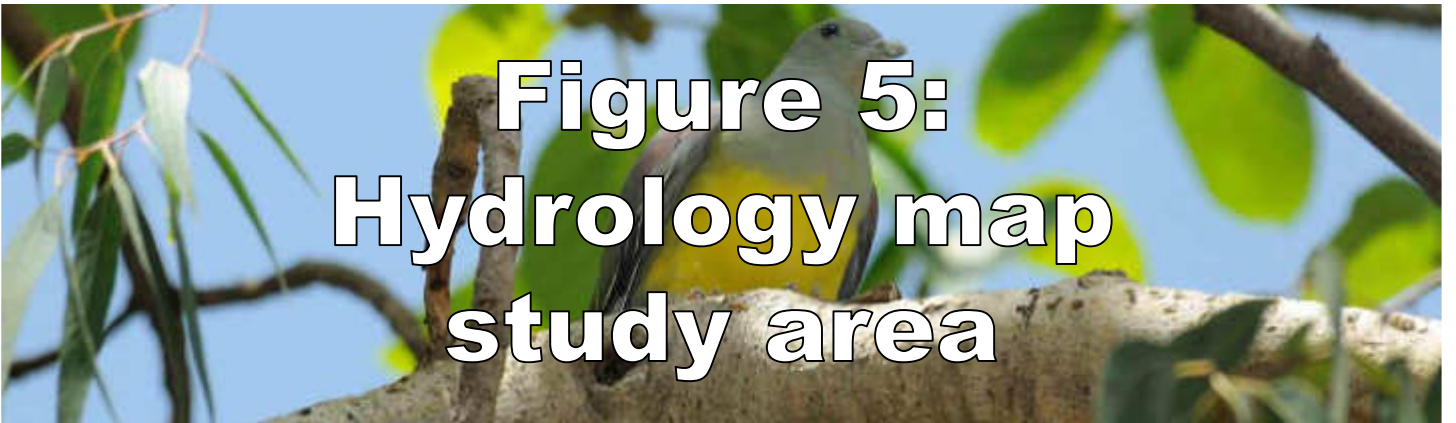


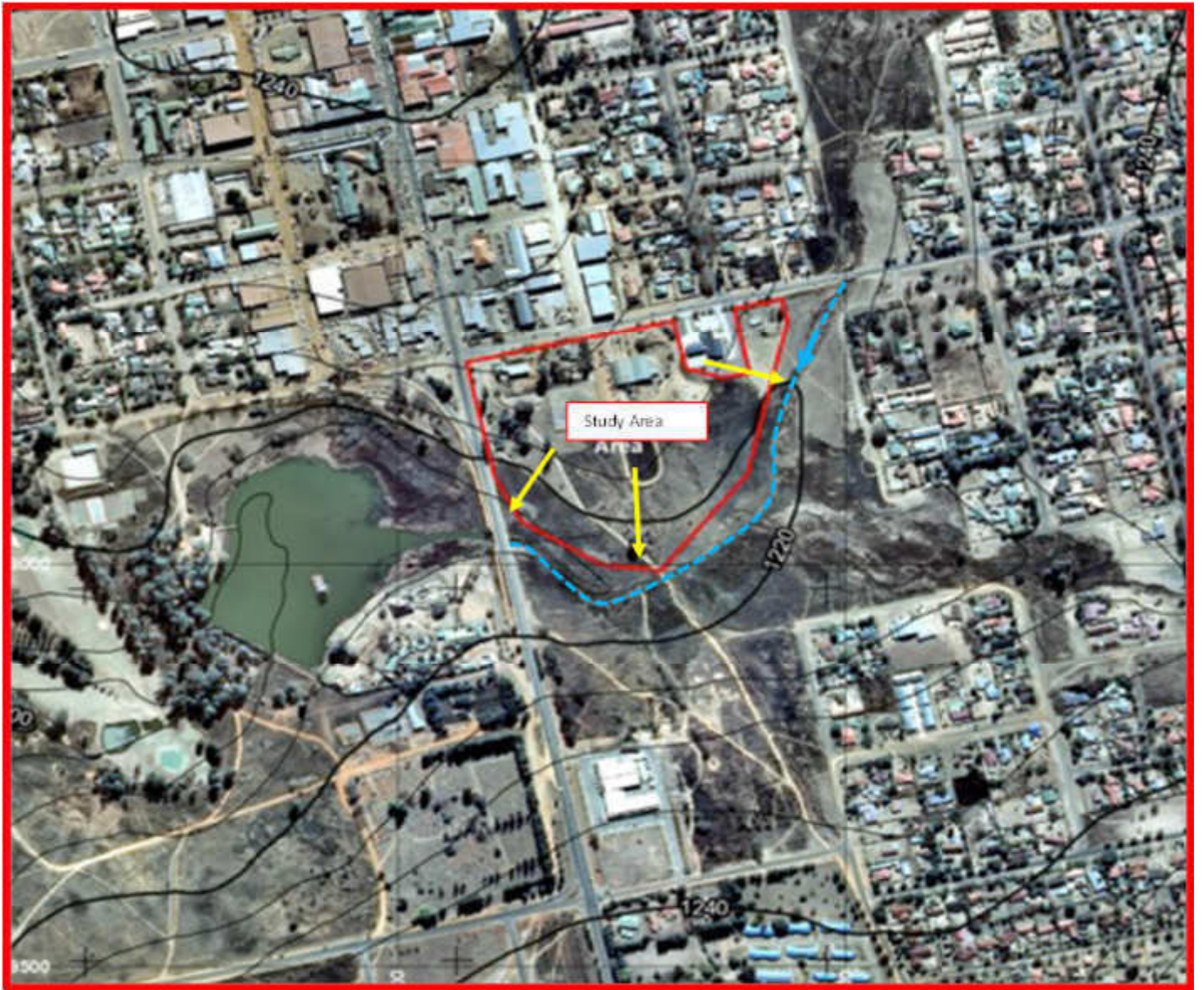
3428000.000 3429000.000 3430000.000 3428000.000

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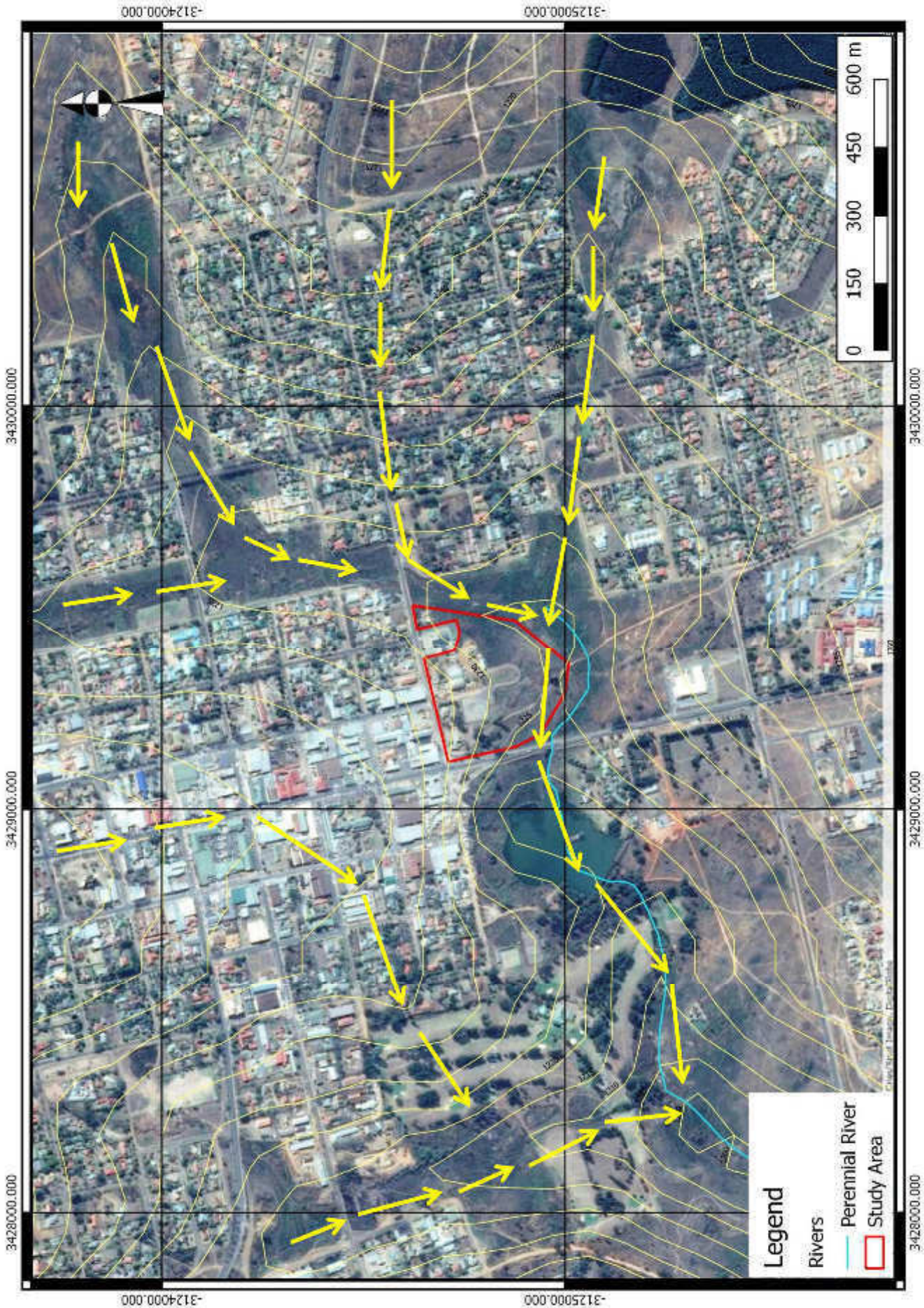
**Figure 5:
Hydrology map
study area**





**Figure 6:
Hydrology map
larger area**





Legend

Rivers

Perennial River

Study Area

0 150 300 450 600 m



3430000.000

3429000.000

3428000.000

3430000.000

3429000.000

3428000.000

-3124000.000

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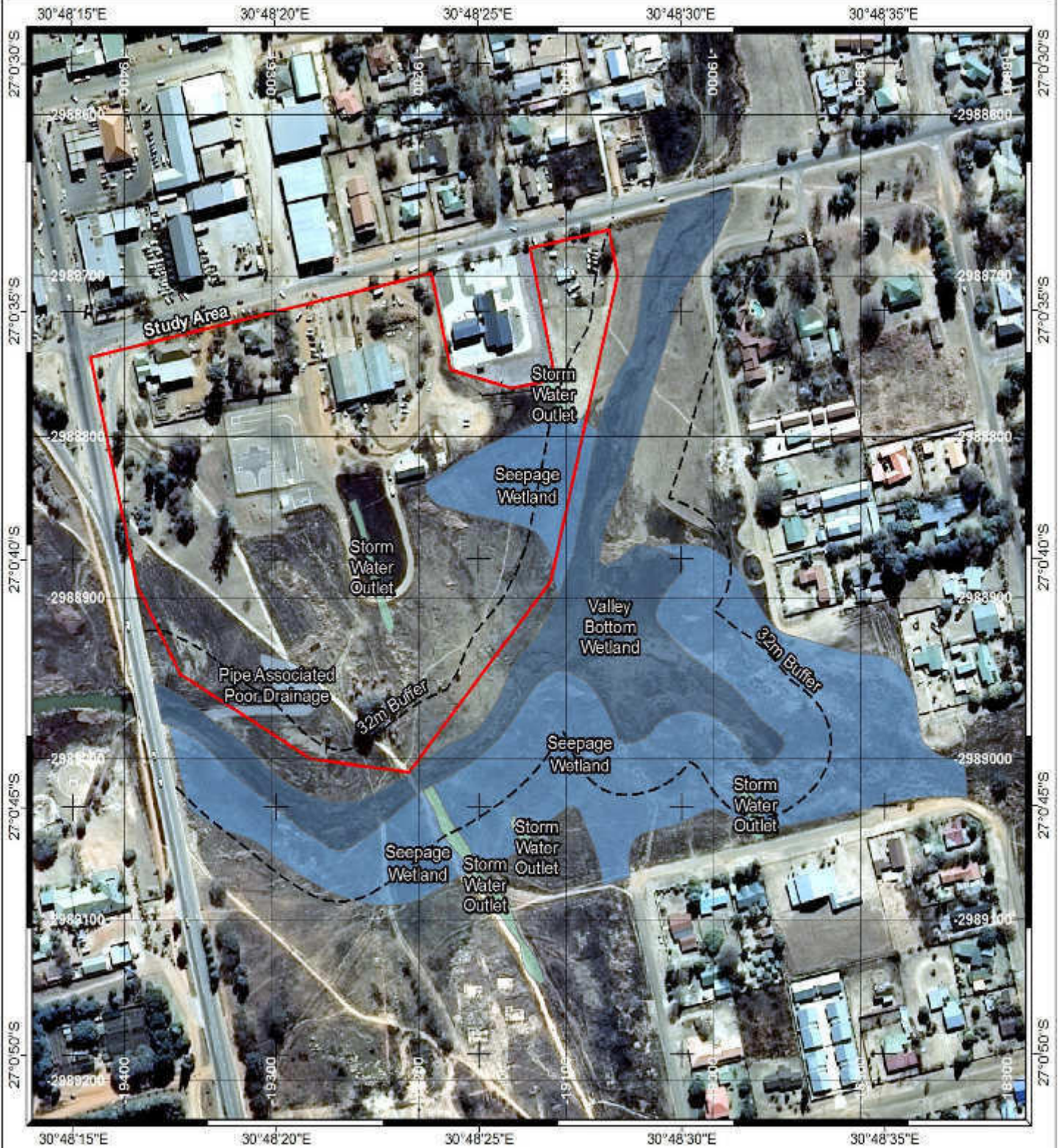
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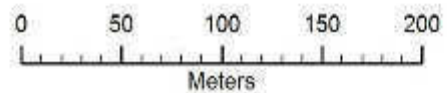


**Figure 7:
Wetland
Delineation Map**

PIET RETIEF Wetland Delineation

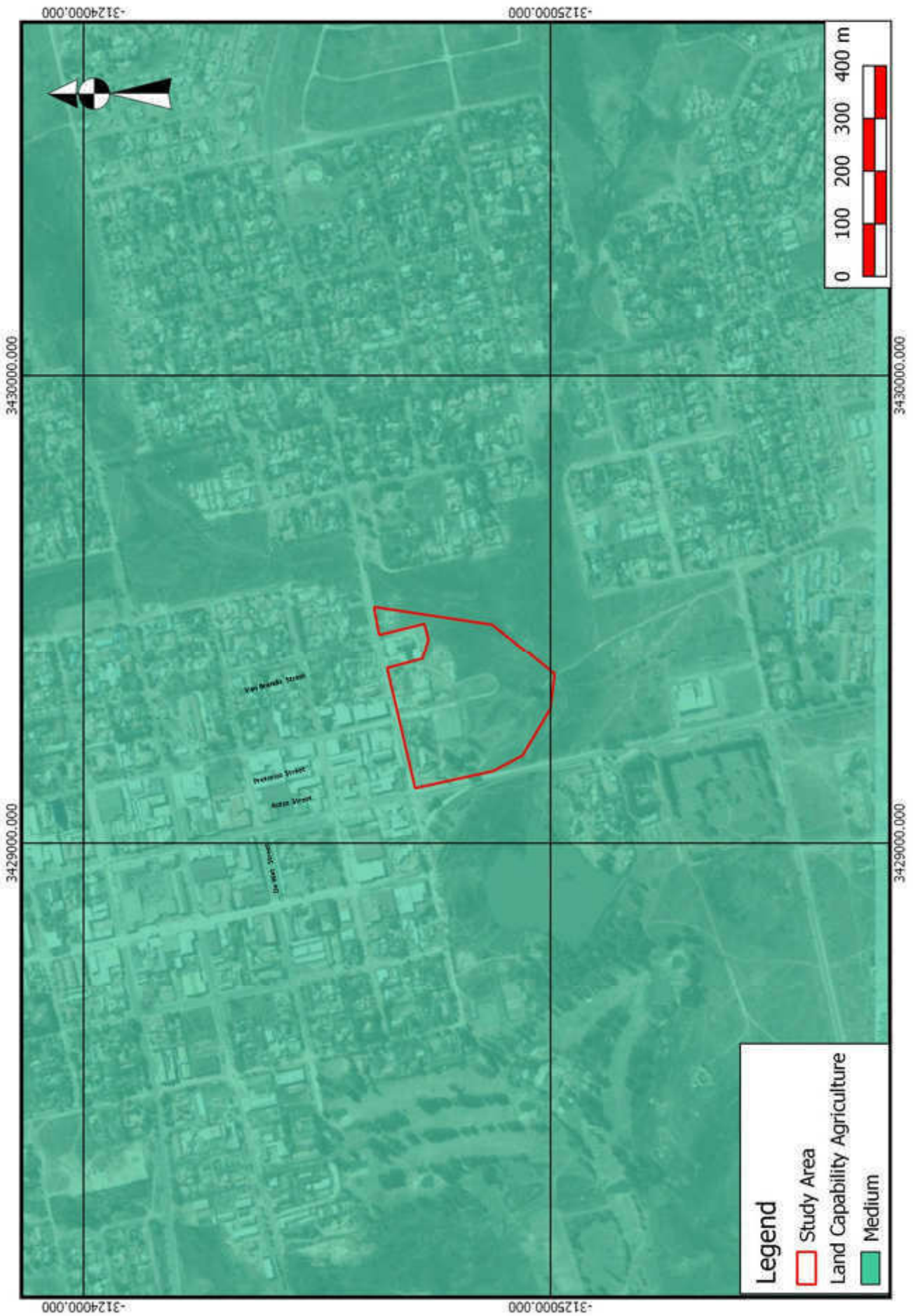


Projection - Transverse Mercator
Datum - Hartbeeshoek 1994
Reference Ellipsoid - WGS 1984
Central Meridian - 31



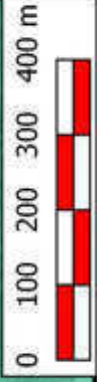
A small bird with a grey head and yellow body is perched on a tree branch. The background shows green leaves and a blue sky.

**Figure 8:
Agricultural Potential
Map**

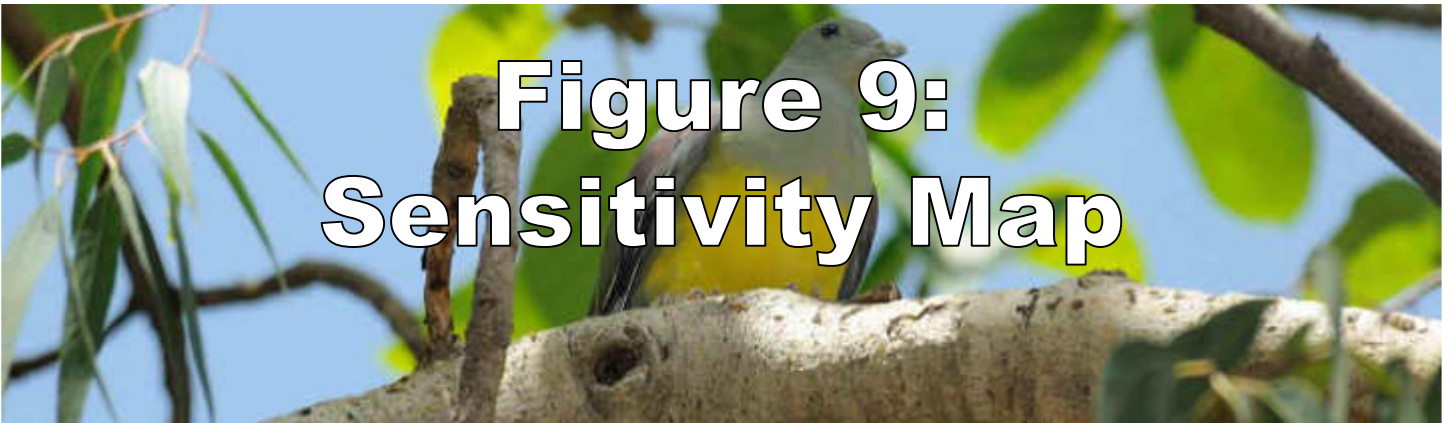


Legend

- Study Area
- Land Capability Agriculture
- Medium



**Figure 9:
Sensitivity Map**



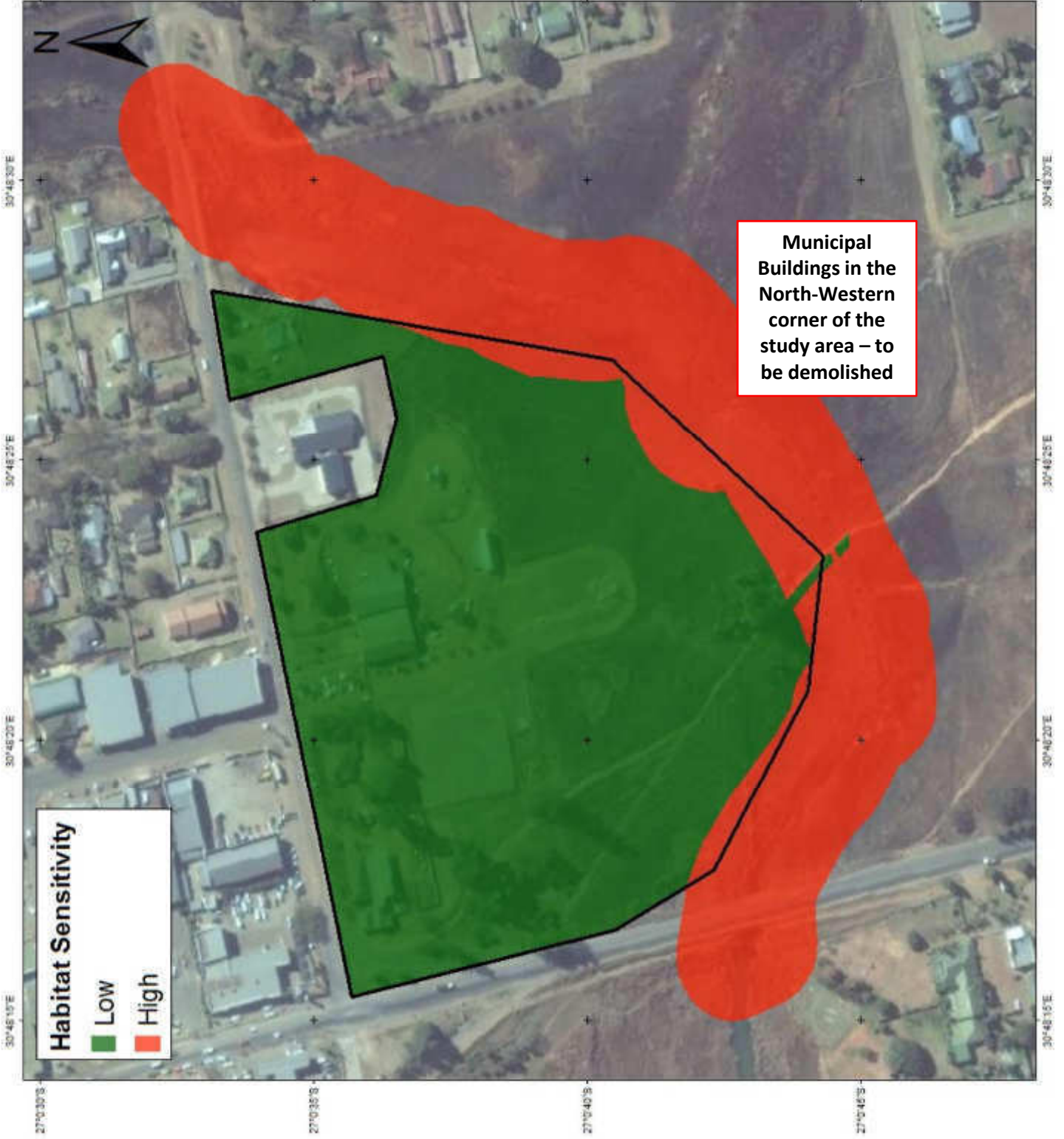
Legend

□ Study Area

Scale = 1:1 394



National Context



Habitat Sensitivity

- Low
- High

Municipal Buildings in the North-Western corner of the study area – to be demolished



**Figure 10:
Municipal Buildings
Brand Street**

**Municipal Buildings
in the North-
Western corner of
the study area – to
be demolished**

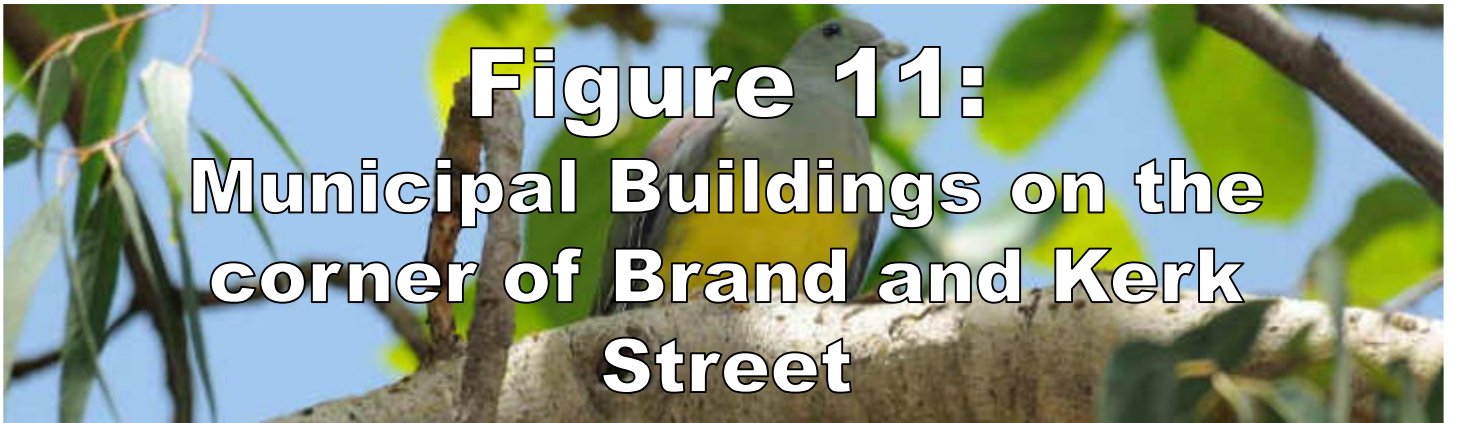


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Imagery Date: 11/2010 27°00'34.36" S 30°48'21.78" E elev 1238 m eye alt 1.24 km

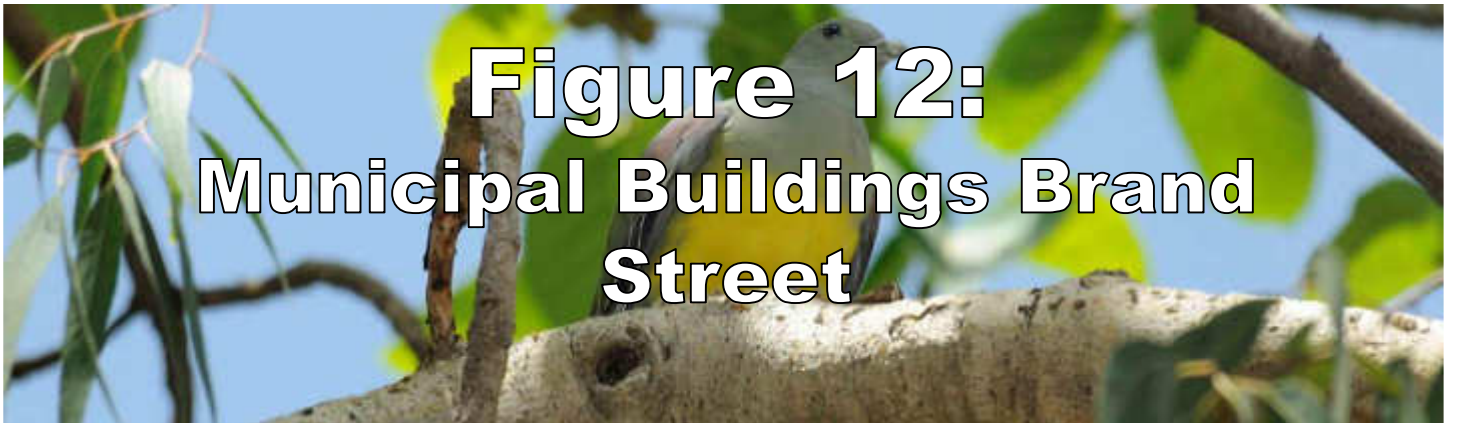
Figure 11:
Municipal Buildings on the
corner of Brand and Kerk
Street

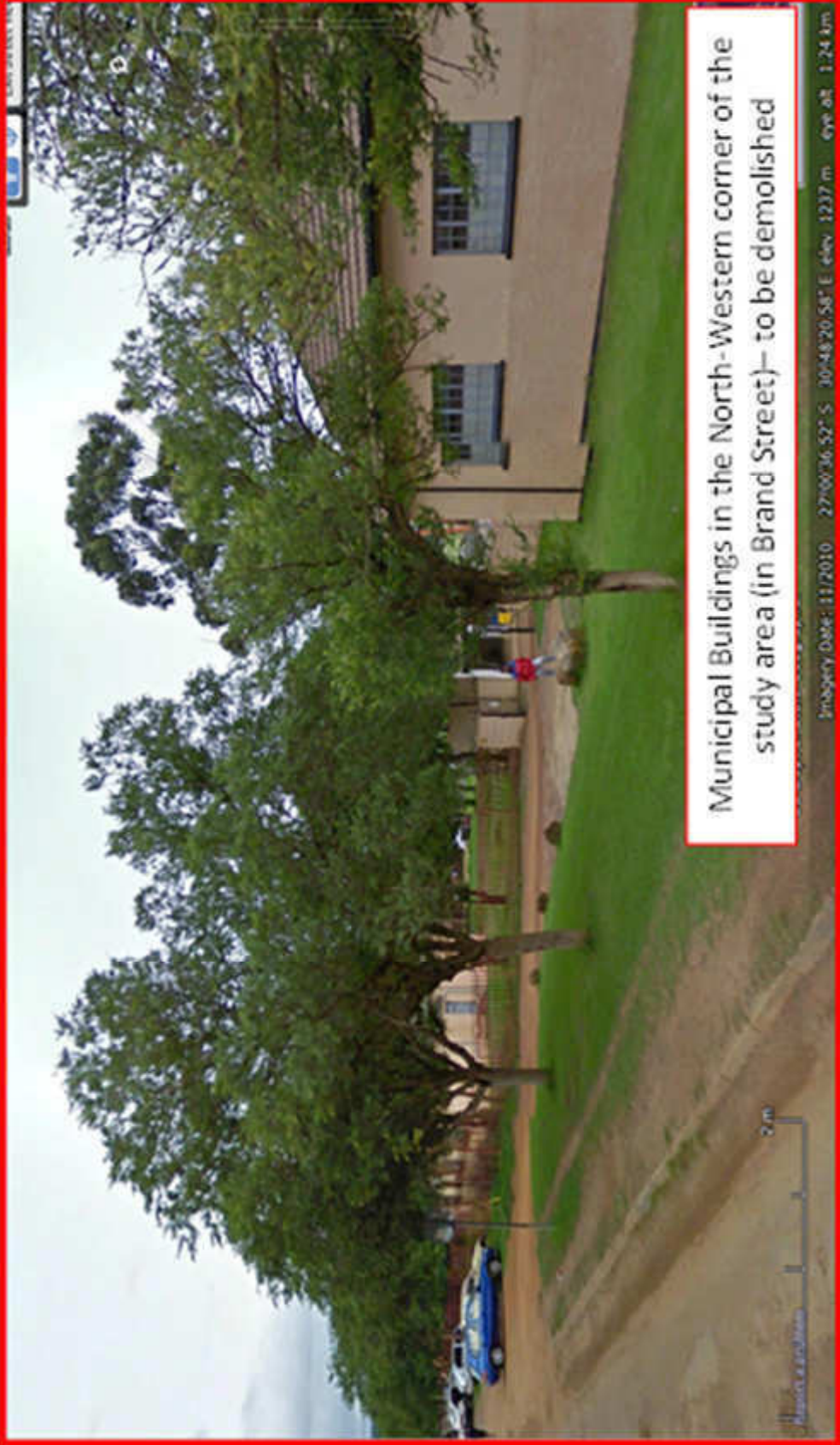


Municipal Buildings
in the North-
Western corner of
the study area – to
be demolished – on
the corner of Brand
Street and Kerk
Street



**Figure 12:
Municipal Buildings Brand
Street**





Municipal Buildings in the North-Western corner of the study area (in Brand Street)— to be demolished

**Figure 13:
Disaster management facility**





View towards the South from the Brand Street - drainage feature visible in the photo



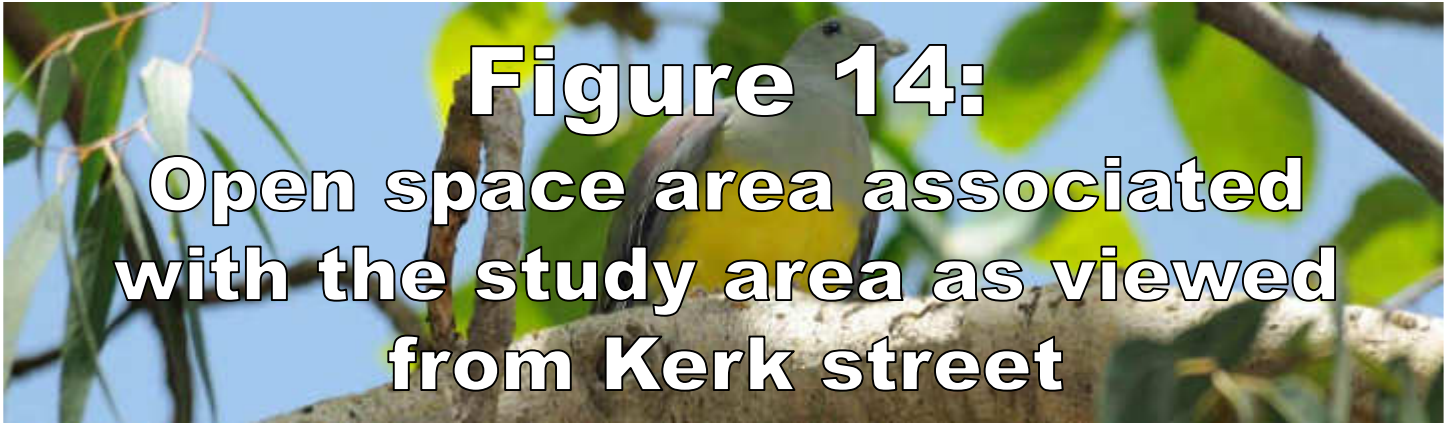


Figure 14:
Open space area associated
with the study area as viewed
from Kerk street



The site viewed from Kerk Street
- Drainage feature visible in lowest section



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US Dept of State Imagery

[Imagery Date: 10/2010] 27°00'40.01\"/>

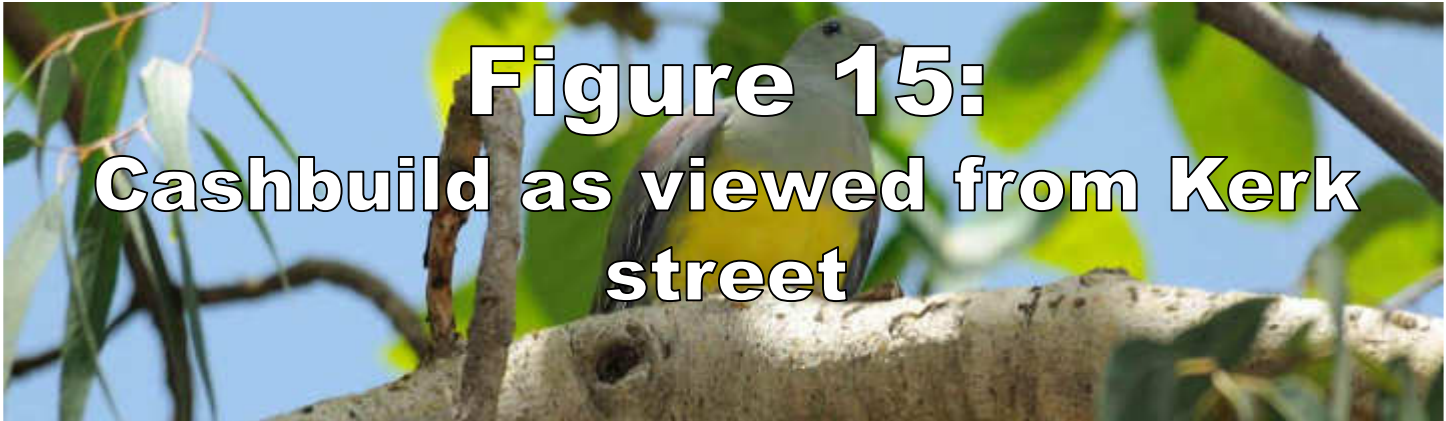
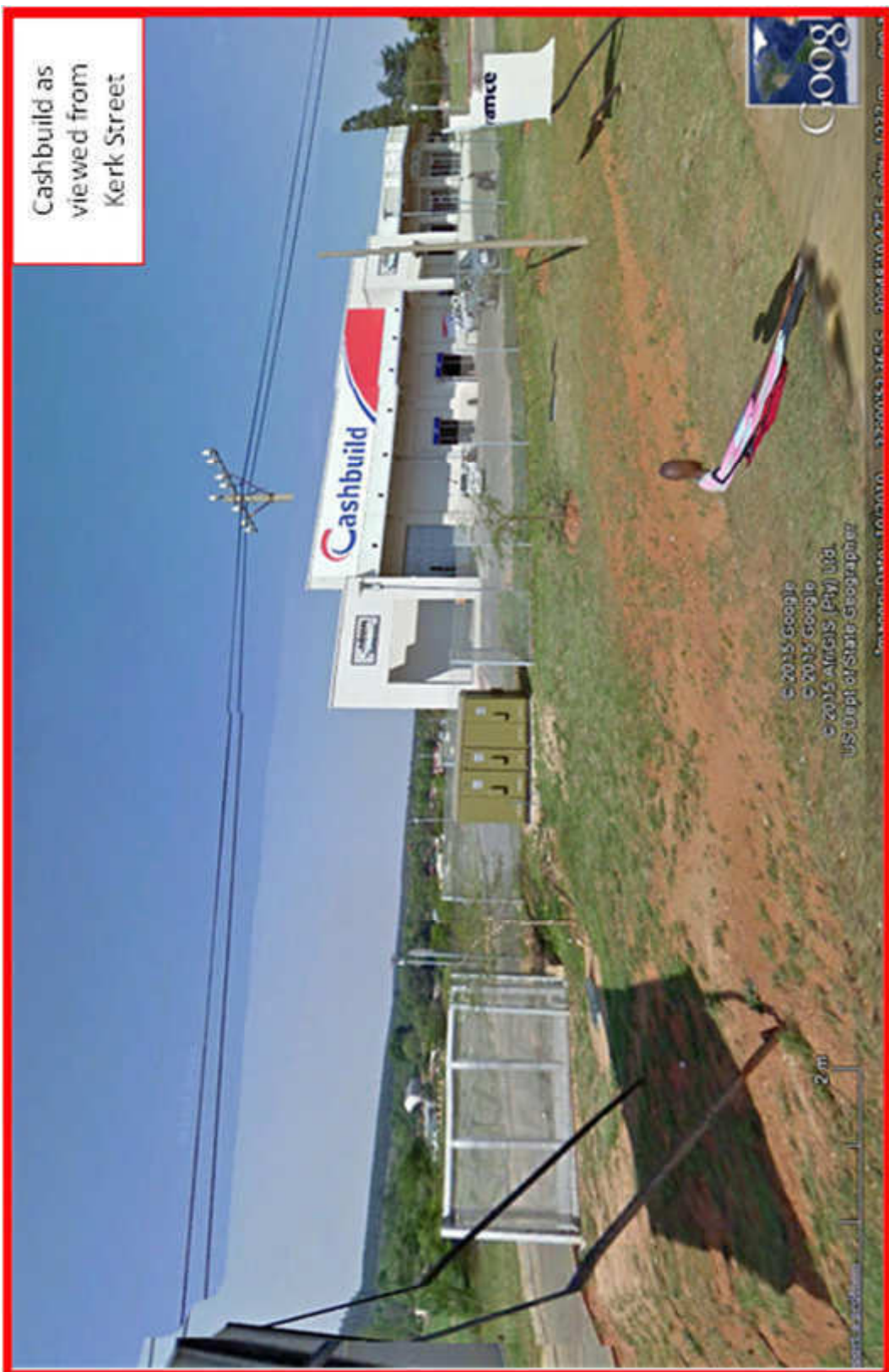
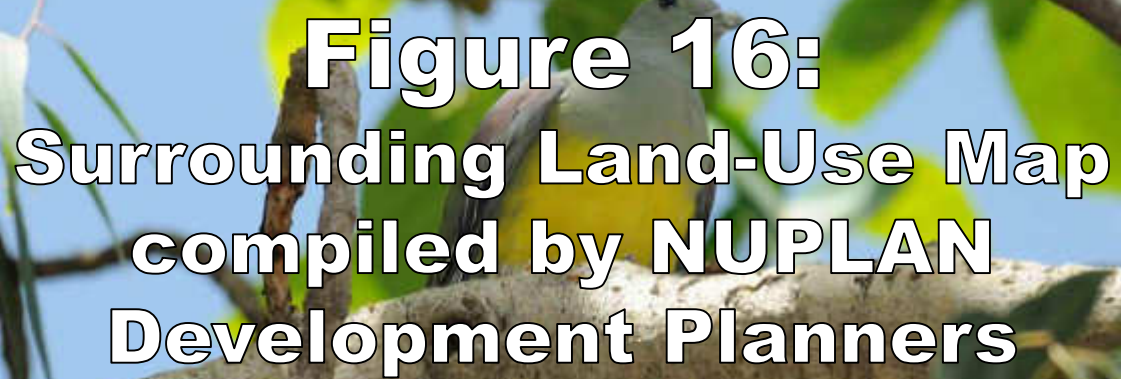


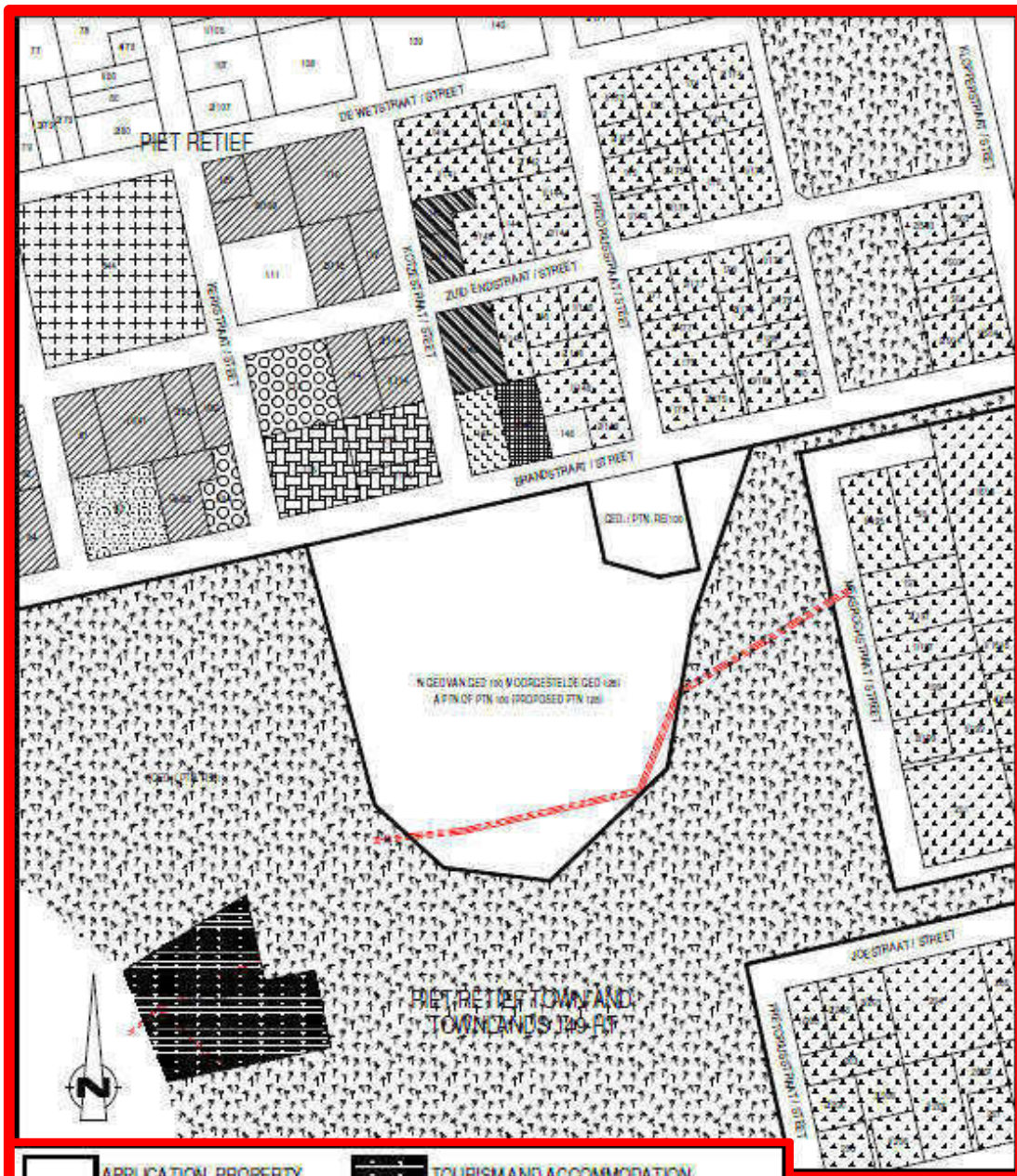
Figure 15:
Cashbuild as viewed from Kerk
street













Cashbuild as viewed from Kerk Street






**Figure 16:
Surrounding Land-Use Map
compiled by NUPLAN
Development Planners**



	APPLICATION PROPERTY		TOURISM AND ACCOMMODATION
	SHOPS / GENERAL DEALERS		OPEN SPACE AREA
	MOTOR TRADE INDUSTRY		RESIDENTIAL
	MINI-BUS TAXI RANK		
	SHOPS / RESIDENTIAL		
	PETROL FILLING STATION		
	RELIGIOUS		
	BUSINESS SERVICES		
	MUNICIPAL OFFICES		



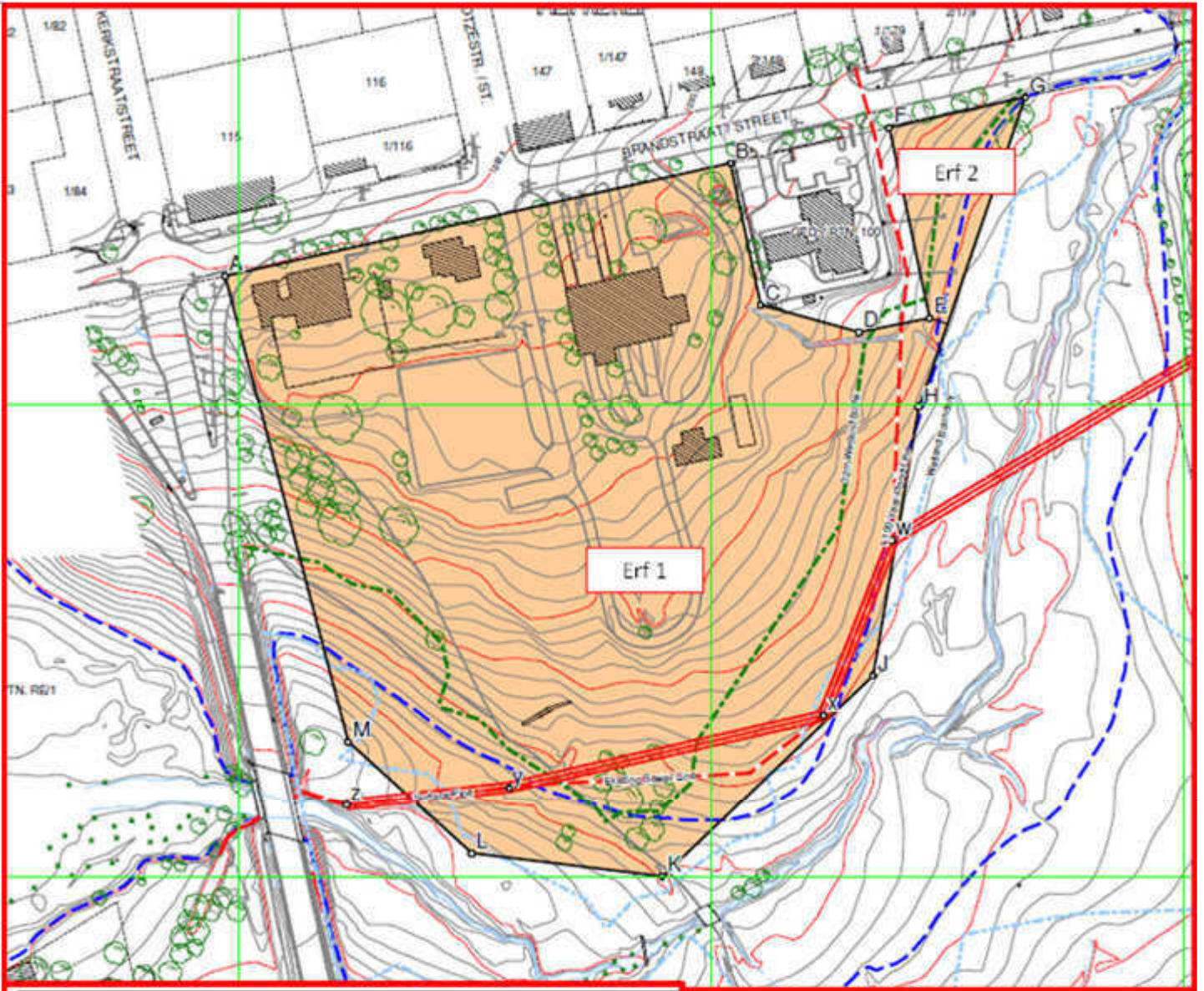
NUPLAN
development planners.

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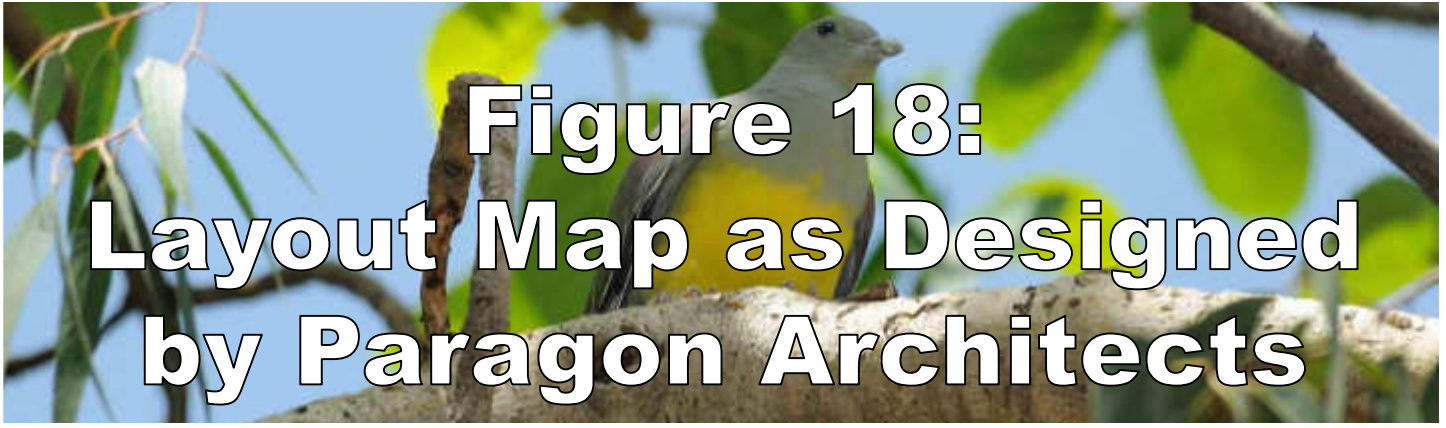
**Figure 17:
Proposed Land Uses**



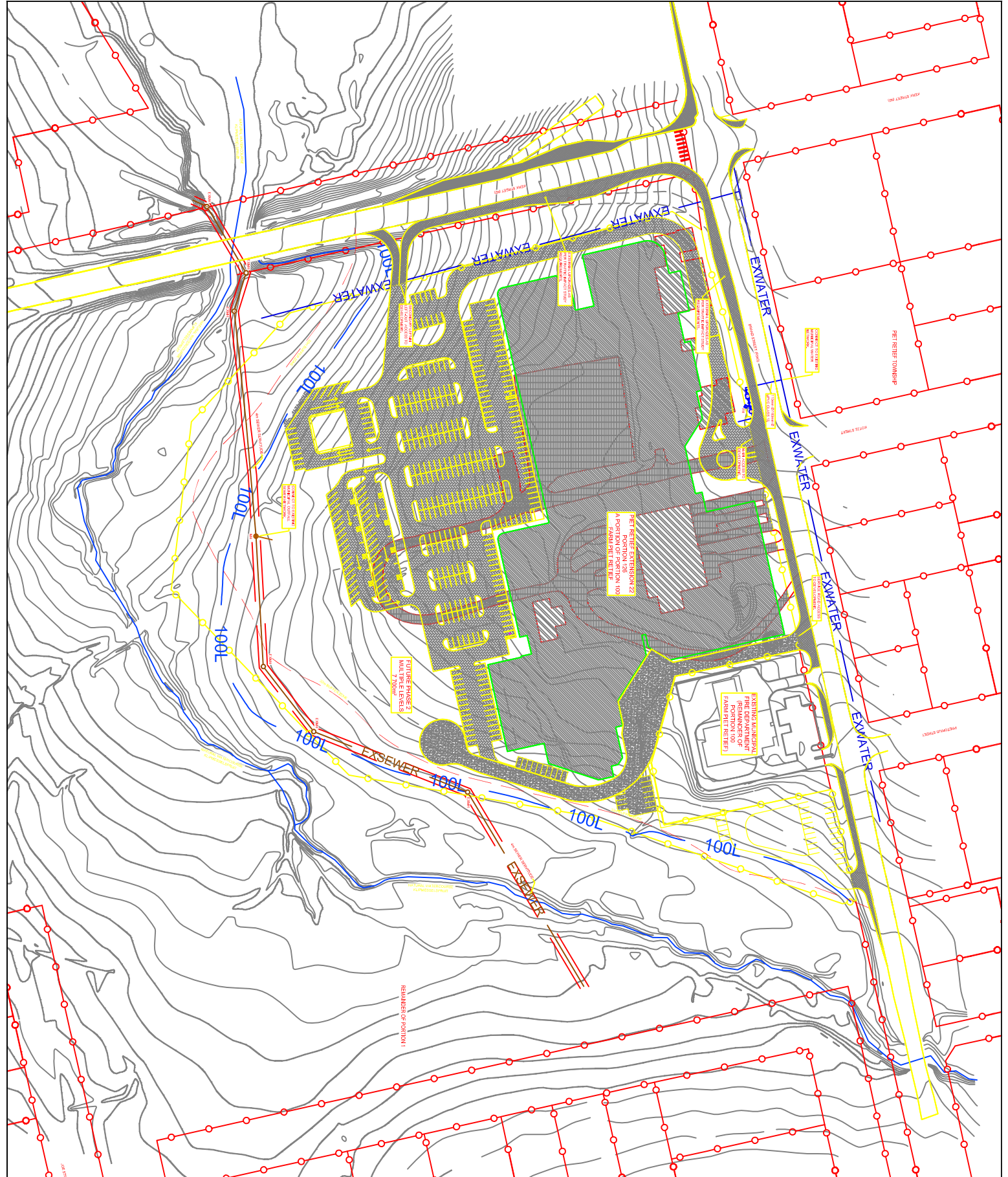


LAND USE TABLE:

USE ZONE	NOTATION	ERF NUMBER	AREA (m ²)	% OF TOWNSHIP	NUMBER OF ERVEN
Special		1	82,185	95.64%	1
Special		2	2,834	4.36%	1
TOTAL		1-2	85,019	100.00%	2



**Figure 18:
Layout Map as Designed
by Paragon Architects**

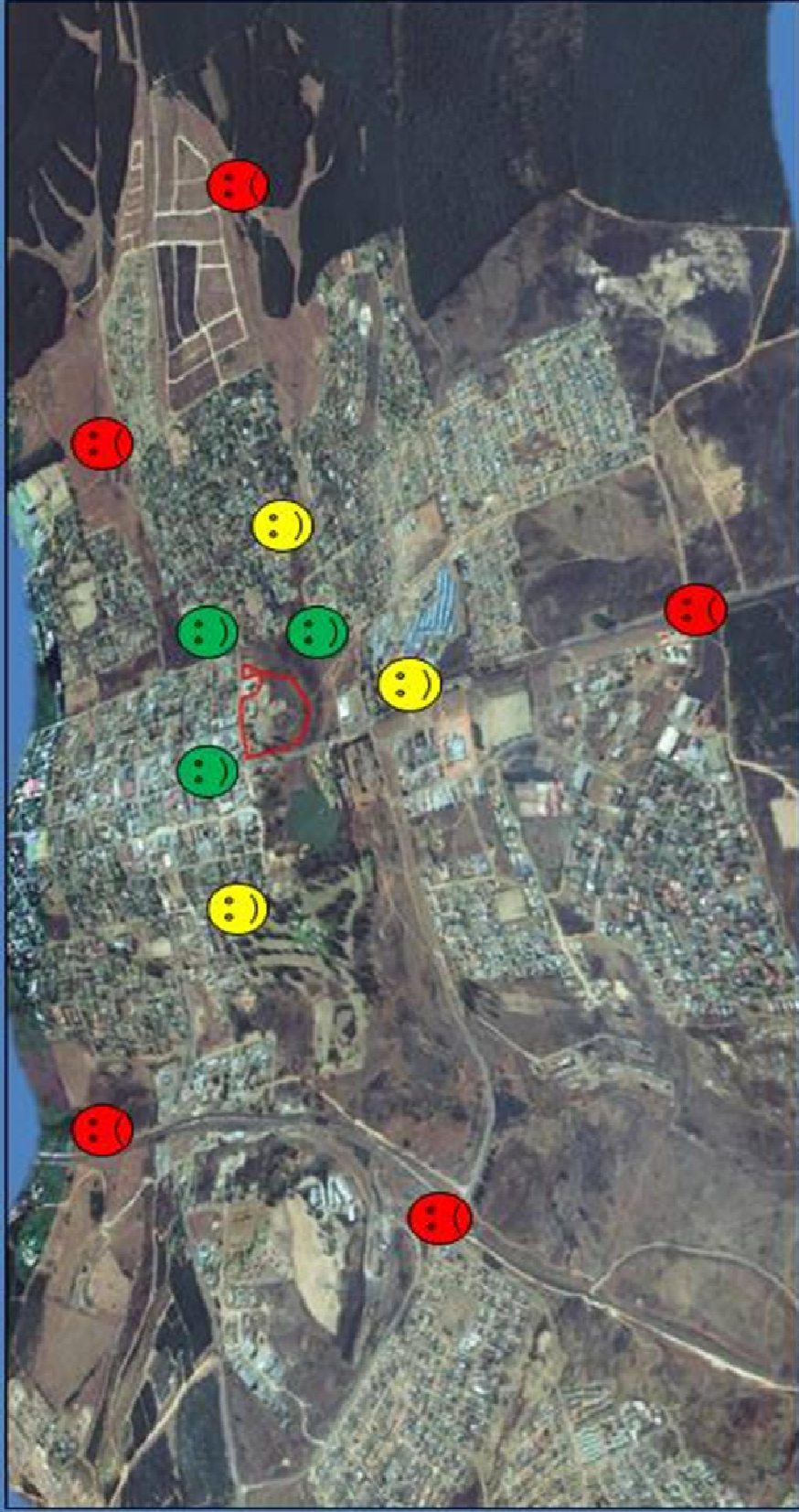


<p>SEWER LEGEND:</p> <ul style="list-style-type: none"> PROPOSED SEWER LINE EXISTING SEWER LINE PROPOSED MANHOLE EXISTING MANHOLE 	<p>ROAD LEGEND:</p> <ul style="list-style-type: none"> PROPOSED ASPHALT PROPOSED PAVERS OR ASPHALT PROPOSED HARDSTAND PROPOSED BUILDING EXISTING STRUCTURES EXISTING ROADS 	<p>WATER LEGEND:</p> <ul style="list-style-type: none"> PROPOSED WATER LINE EXISTING WATER LINE PROPOSED ISOLATING WATER VALVE PROPOSED NON RETURN WATER VALVE PROPOSED BULK WATER METER PROPOSED FIRE HYDRANT PROPOSED BOOSTER 	<p>GENERAL LEGEND:</p> <ul style="list-style-type: none"> ERF BOUNDARY 1 IN 100 YEAR FLOODLINE
--	---	---	---



**Figure 19:
Visibility Map**

3D Visibility Map Piet Retief X22



Visible



Partial Visibility



Not Visible



SCALE: 1:500

LEGEND:



CLIENT
ANAPRO PROPERTY
MANAGEMENT

PROJECT
CIVIL INFRASTRUCTURE
PETROLEUM STORAGE CENTRE

DRAWING TITLE
WATER & SEWER
CONNECTION LAYOUT



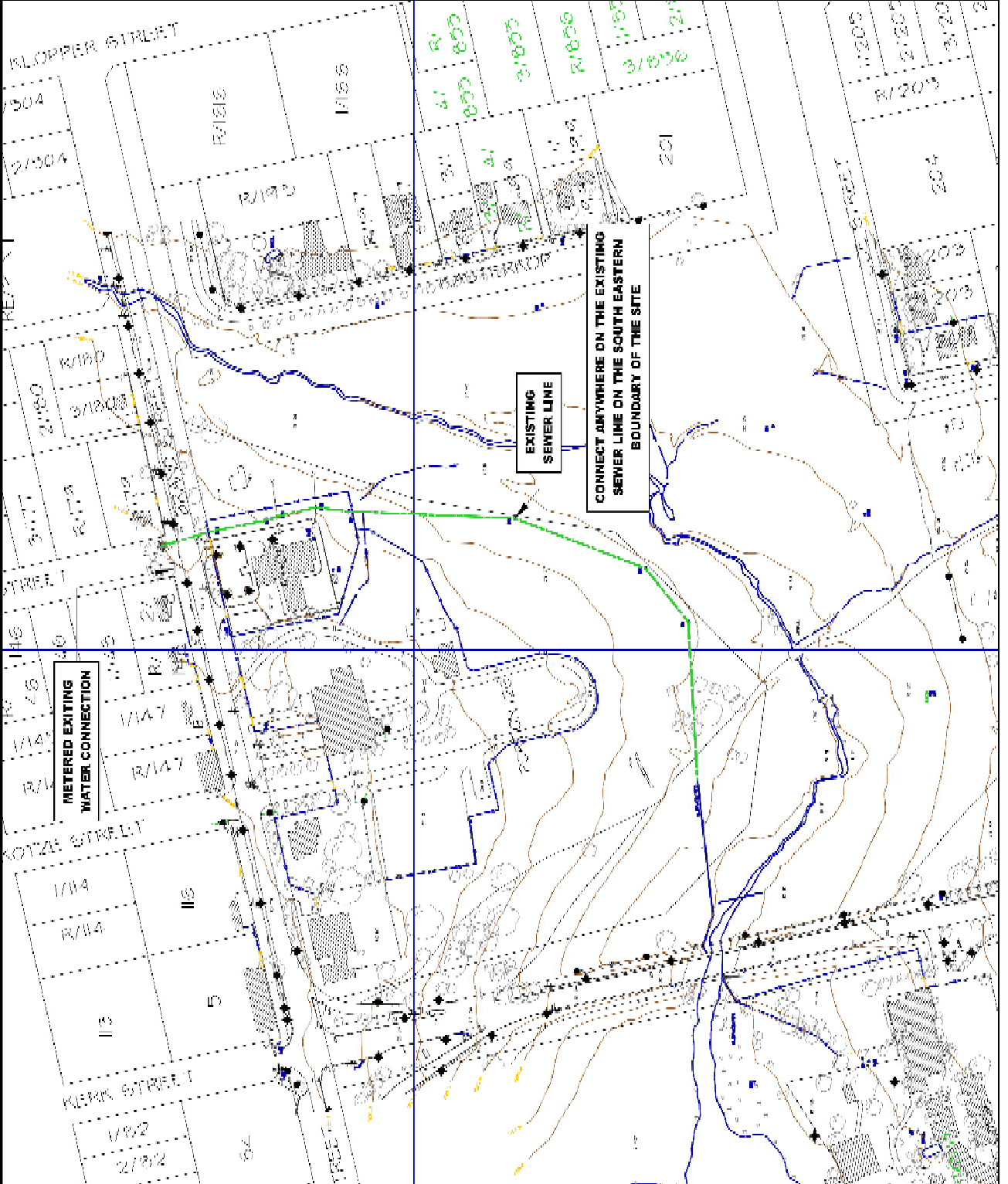
PREPARED BY: SEE DRAWING
DATE: 2013

PROJECT NUMBER: 2013-01
CONTRACT NO.

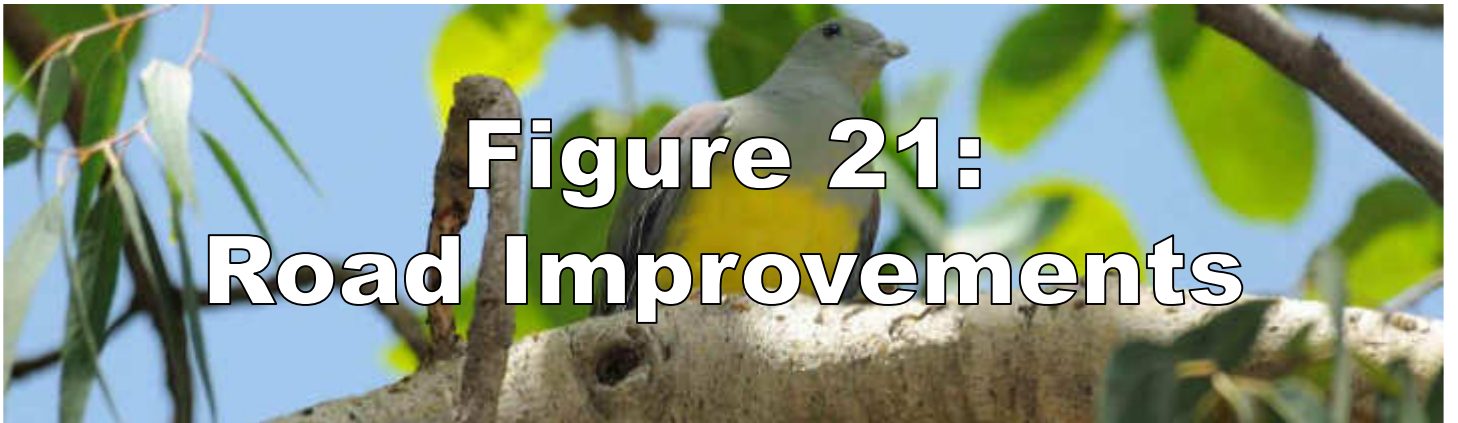
SCALE: 1:500
DATE: 2013

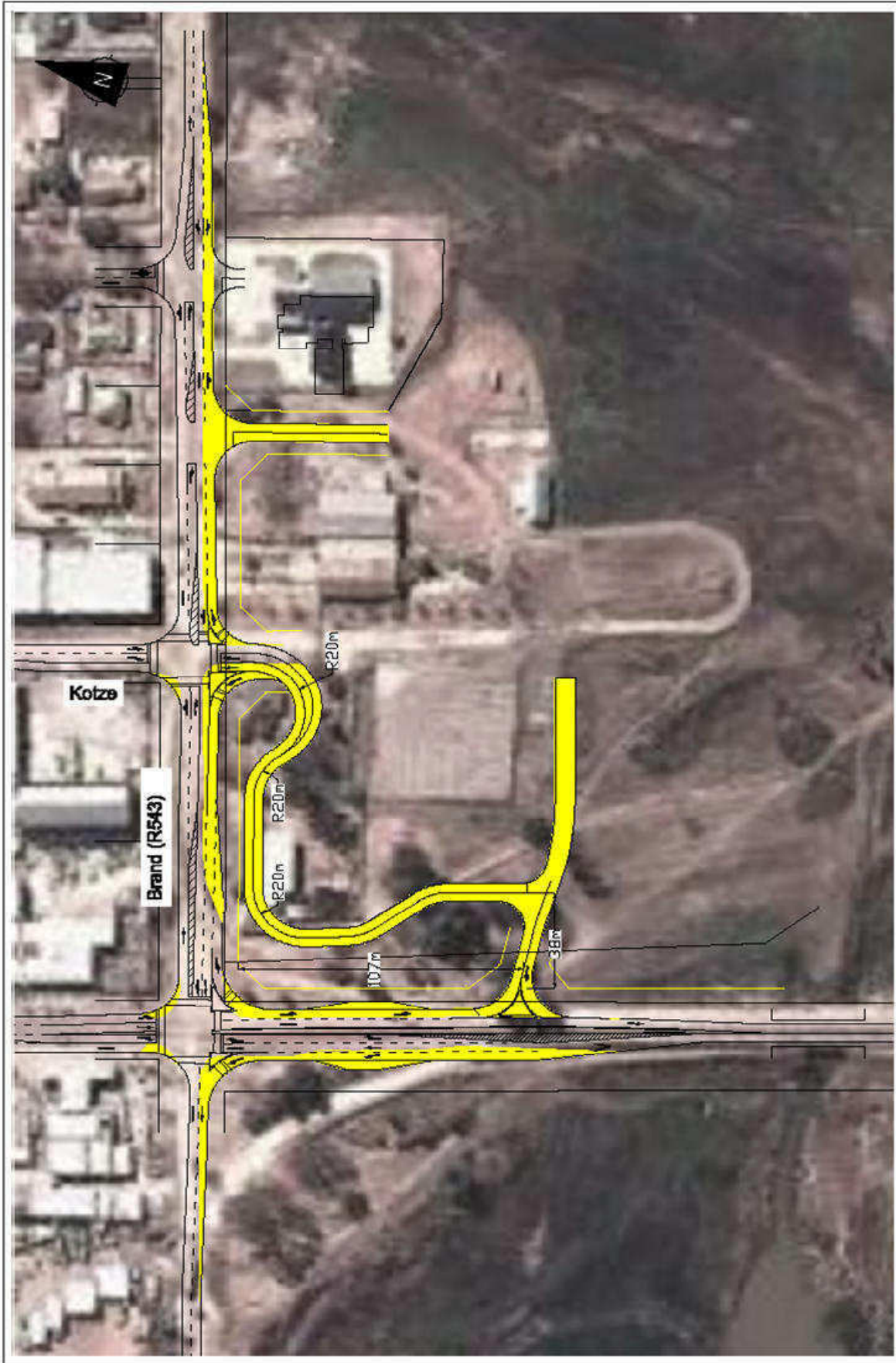
DATE: OCTOBER 2013
DRAWING NO.

L209-L-01-00



**Figure 21:
Road Improvements**







TECHNORWORLD
 ENGINEERING AND PLANNING
 111, 113, 115, 117, 119, 121, 123, 125, 127, 129, 131, 133, 135, 137, 139, 141, 143, 145, 147, 149, 151, 153, 155, 157, 159, 161, 163, 165, 167, 169, 171, 173, 175, 177, 179, 181, 183, 185, 187, 189, 191, 193, 195, 197, 199, 201, 203, 205, 207, 209, 211, 213, 215, 217, 219, 221, 223, 225, 227, 229, 231, 233, 235, 237, 239, 241, 243, 245, 247, 249, 251, 253, 255, 257, 259, 261, 263, 265, 267, 269, 271, 273, 275, 277, 279, 281, 283, 285, 287, 289, 291, 293, 295, 297, 299, 301, 303, 305, 307, 309, 311, 313, 315, 317, 319, 321, 323, 325, 327, 329, 331, 333, 335, 337, 339, 341, 343, 345, 347, 349, 351, 353, 355, 357, 359, 361, 363, 365, 367, 369, 371, 373, 375, 377, 379, 381, 383, 385, 387, 389, 391, 393, 395, 397, 399, 401, 403, 405, 407, 409, 411, 413, 415, 417, 419, 421, 423, 425, 427, 429, 431, 433, 435, 437, 439, 441, 443, 445, 447, 449, 451, 453, 455, 457, 459, 461, 463, 465, 467, 469, 471, 473, 475, 477, 479, 481, 483, 485, 487, 489, 491, 493, 495, 497, 499, 501, 503, 505, 507, 509, 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3583, 3585, 3587, 3589, 3591, 3593, 3595, 3597, 3599, 3601, 3603, 3605, 3607, 3609, 3611, 3613, 3615, 3617, 3619, 3621, 3623, 3625, 3627, 3629, 3631, 3633, 3635, 3637, 3639, 3641, 3643, 3645, 3647, 3649, 3651, 3653, 3655, 3657, 3659, 3661, 3663, 3665, 3667, 3669, 3671, 3673, 3675, 3677, 3679, 3681, 3683, 3685, 3687, 3689, 3691, 3693, 3695, 3697, 3699, 3701, 3703, 3705, 3707, 3709, 3711, 3713, 3715, 3717, 3719, 3721, 3723, 3725, 3727, 3729, 3731, 3733, 3735, 3737, 3739, 3741, 3743, 3745, 3747, 3749, 3751, 3753, 3755, 3757, 3759, 3761, 3763, 3765, 3767, 3769, 3771, 3773, 3775, 3777, 3779, 3781, 3783, 3785, 3787, 3789, 3791, 3793, 3795, 3797, 3799, 3801, 3803, 3805, 3807, 3809, 3811, 3813, 3815, 3817, 3819, 3821, 3823, 3825, 3827, 3829, 3831, 3833, 3835, 3837, 3839, 3841, 3843, 3845, 3847, 3849, 3851, 3853, 3855, 3857, 3859, 3861, 3863, 3865, 3867, 3869, 3871, 3873, 3875, 3877, 3879, 3881, 3883, 3885, 3887, 3889, 3891, 3893, 3895, 3897, 3899, 3901, 3903, 3905, 3907, 3909, 3911, 3913, 3915, 3917, 3919, 3921, 3923, 3925, 3927, 3929, 3931, 3933, 3935, 3937, 3939, 3941, 3943, 3945, 3947, 3949, 3951, 3953, 3955, 3957, 3959, 3961, 3963, 3965, 3967, 3969, 3971, 3973, 3975, 3977, 3979, 3981, 3983, 3985, 3987, 3989, 3991, 3993, 3995, 3997, 3999, 4001, 4003, 4005, 4007, 4009, 4011, 4013, 4015, 4017, 4019, 4021, 4023, 4025, 4027, 4029, 4031, 4033, 4035, 4037, 4039, 4041, 4043, 4045, 4047, 4049, 4051, 4053, 4055, 4057, 4059, 4061, 4063, 4065, 4067, 4069, 4071, 4073, 4075, 4077, 4079, 4081, 4083, 4085, 4087, 4089, 4091, 4093, 4095, 4097, 4099, 4101, 4103, 4105, 4107, 4109, 4111, 4113, 4115, 4117, 4119, 4121, 4123, 4125, 4127, 4129, 4131, 4133, 4135, 4137, 4139, 4141, 4143, 4145, 4147, 4149, 4151, 4153, 4155, 4157, 4159, 4161, 4163, 4165, 4167, 4169, 4171, 4173, 4175, 4177, 4179, 4181, 4183, 4185, 4187, 4189, 4191, 4193, 4195, 4197, 4199, 4201, 4203, 4205, 4207, 4209, 4211, 4213, 4215, 4217, 42



Appendix H:

Application form and correspondence to and from Mpumalanga Provincial Government

LEBOMBO GARDENS BUILDING
36 LEBOMBO ROAD
ASHLEA GARDENS
0081

P.O. BOX 11375
MAROELANA
0161

Tel: (012) 348 3810
Fax: 086 570 5659
E-mail: lizelleg@mwep.co.za
Website: www.Bokamoso.net



Landscape Architects, Environmental Consultants,
Environmental Auditing, Water License Applications

**Department: Economic Development, Environment and Tourism
Mpumalanga Provincial Government
Gert Sibande District
13 De Jager Street
Ermelo
2351**

**Attention: Thabile Mahlaku
Tel: 017-811 4830**

22 January 2014

RE: Basic Assessment for the proposed Plet Retief X 22 regional shopping mall

Please find attached 3 x hard copies (including 1 x original) of the Application form for the above mentioned project.

We trust you find the above in order. Please do not hesitate to contact our office should you have any questions in this regard.

Sincerely,

Anè Agenbacht

Bokamoso Landscape Architects
and Environmental Consultants CC

REG NO: CK 2010/087490/23
VAT REG NO: 4080260872

BOKAMOSO LANDSCAPE ARCHITECTS AND ENVIRONMENTAL CONSULTANTS CC

MEMBER: Lizelle Gregory



Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2010

File Reference Number:	(For official use only)
NEAS Reference Number:	
Date Received:	
Responsible Official:	

PROJECT TITLE

Piet Relief Extension 22

Kindly note that:

1. This application form is current as of 2 August 2010. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
2. The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
3. Where applicable black out the boxes that are not applicable in the form.
4. Incomplete applications may be returned to the applicant for revision.
5. The use of the phrase "not applicable" in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the Regulations.
6. This form must be submitted to the Department at the postal address of the relevant DISTRICT OFFICE given below or by delivery thereof to the relevant DISTRICT OFFICE. Should the application form not be submitted at the relevant district office, it will not be considered.
7. No faxed or e-mailed applications will be accepted.
8. If the applicant is not the owner or person in control of the land on which the activity is to be undertaken, the written notice of the proposed activity as referred to in Regulation 15, as well as proof of serving such notice on the owner or person in control of the land, must be attached to this form. Should the application form not be accompanied by such notice, it will be rejected.
9. If permission has been granted in terms of Regulation 20(3) to apply S&EIR instead of basic assessment to the application, or if permission has been granted in terms of 20(4) to apply basic assessment instead of S&EIR to the application, a copy of such authorisation must be attached to this application form.
10. Unless protected by law, all information filled in on this application will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this application on request, during any stage of the application process.

HEAD OFFICE (18 Jones Street, Nelspruit)	EHLANZENI DISTRICT (18 Jones Street, Nelspruit)	NKANGALA DISTRICT (Pavilion Centre, Cnr Botha & Northey Streets, Witbank)	GERT SIBANDE DISTRICT (13 De Jager Street, Ermelo)
Attention: Directorate: Environmental Impact Management Private Bag X 11219 Nelspruit, 1200 Queries should be directed to the Directorate: Environmental Impact Management at: Tel: (013) 759 4000 Fax (013) 759 4165	Attention: Directorate: Environmental Impact Management Private Bag X 11219 Nelspruit, 1200 Queries should be directed to the Directorate: Environmental Impact Management at: Tel: (013) 759 4000 Fax (013) 759 4165	Attention: Directorate: Environmental Impact Management P. O. Box 7255 Witbank, 1035 Queries should be directed to the Directorate: Environmental Impact Management at: Tel: Fax:	Attention: Directorate: Environmental Impact Management P. O. Box 2777 Ermelo, 2351 Queries should be directed to the Directorate: Environmental Impact Management at: Tel: Fax:

SITE IDENTIFICATION AND LINKAGE

Please indicate all the Surveyor-general 21 digit site (erffarm/portion) reference numbers for all sites (including portions of sites) that are part of the application.

T	O	H	T	0	0	0	0	0	0	0	0	1	4	9	0	0	1	0	0

(if there are more than 6, please attach a list with the rest of the numbers)

(These numbers will be used to link various different applications, authorisations, permits etc. that may be connected to a specific site)

(Please note: A list of the Surveyor-general 21 Digit site reference numbers are attached at the back of the application as Appendix A).

PROJECT TITLE

Piet Relief Extension 22

The entire project will entail the following (full detail of the project can also be appended):

The proposed Piet Relief Extension 22 Shopping Centre development is situated on a Portion of Portion 100 (Portion of Portion 1) of the farm Piet Relief Town and Townlands 149 HT (to be known as Portion 126).

The erf and the buildings erected will be used for purposes of shops, businesses, offices, places of refreshments, dry cleaners, motor dealers and motor display, as well as related uses subservient to the above.

1. BACKGROUND INFORMATION

Project applicant:	Zarafusion (Pty) Ltd		
Trading name (if any):	Zarafusion (Pty) Ltd		
Contact person:	Kiriakos Anastasiadis		
Physical address:	Mall@Reds, Centre Management, cnr Rooihulskraal & Hendrik Verwoerd drive, Centurion		
Postal address:	PO Box 569, Wierda Park, Centurion		
Postal code:	0149	Cell:	083 283 9999
Telephone:	012 656 8957	Fax:	012 656 8959
E-mail:	anastasi@anaprop.co.za		

Environmental Assessment Practitioner:	Bokamoso Landscape Architects & Environmental Consultants		
Contact person:	Lizelle Gregory		
Postal address:	P.O. Box 11375, Maroelana		
Postal code:	0161	Cell:	{083} 255 8384
Telephone:	{012} 346 3810	Fax:	{086} 570 5659
E-mail:	lizelleg@mweb.co.za		

Qualifications & relevant experience

Registered Landscape Architect & Environmental Consultant
(degree obtained from the University of Pretoria) , with more than 18 years experience in:

- The compilation of Environmental Evaluation Reports,
- Environmental Management Plans,
- Strategic Environmental Assessments;
- All stages of Environmental Input;
- EIA under the ECA and the new and amended NEMA Regulations; and

Various other Environmental Reports and documents.

Professional affiliation(s) (if any)

The South African Council of the Landscape Architects Profession (SACLAP); Institute for Landscape Architects in South Africa (ILASA); and Institute for Environmental Management and Assessment (IEMAS)

Landowner:

Municipality Piet Retief

Contact person:

Postal address:

33 Mark Street, Civic Centre, Piet Retief

Postal code:

2380

Cell:

-

Telephone:

-

Fax:

017 826 3129

E-mail:

-

In instances where there is more than one landowner, please attach a list of landowners with their contact details to this application.

(Please Note: List of land-owners attached as Appendix B).

District Municipality in whose jurisdiction the proposed activity will fall (Delete which is not applicable):

Gert Sibande

Local authority in whose jurisdiction the proposed activity will fall:

Mkhondo Local Municipality

Nearest town:

Piet Retief

Contact person:

Mr. Vusi Dube

Postal address:

PO Box 23, Piet Retief

Postal code:

2380

Cell:

-

Telephone:

017 826 8130/ 2211 / 8100

Fax:

017 826 3129/
086 542 1173

E-mail:

vusih.dube@gmail.com

In instances where there is more than one local authority involved, please attach a list of local authorities with their contact details to this application.

Property description/physical address:

Portion 100 (A Portion of Portion 1) of the farm Piet Retief Town & Townlands 149-HT, Mkhondo Local Municipality.

The proposed property is situated south and adjoining to Brand Street and east of Kerk Street extension to the south.

(Farm name, portion, registration division etc.) Where a large number of properties are involved (e.g. linear activities), please attach a full list to this application.

Current land-use zoning:

Municipal

In instances where there is more than one current land-use zoning, please attach a list of current land use zonings that also indicate which portions each use pertains to, to this application.

A locality map must be attached to this document. The scale of the locality map must be relevant to the size of the development (at least 1:50 000. For linear activities of more than 25 kilometres, a smaller scale e.g. 1:250 000 can be used). The scale must be indicated on the map. The map must indicate the following:

Locality map:

- an accurate indication of the project site position as well as the positions of the alternative sites, if any;
- road access from all major roads in the area;
- road names or numbers of all major roads as well as the roads that provide access to the

- site(s);
- all roads within a 1 km radius of the site or alternative sites; and
- a north arrow;
- a legend; and
- locality GPS co-ordinates (Indicate the position of the activity using the latitude and longitude of the centre point of the site for each alternative site. The co-ordinates should be in degrees and decimal minutes. The minutes should have at least three decimals to ensure adequate accuracy. The projection that must be used in all cases is the WGS84 spheroid in a national or local projection).

(Please note: **Locality and Aerial map Attached as Appendix C**).

2. ACTIVITIES APPLIED FOR TO BE AUTHORISED

For an application for authorisation that involves more than one listed or specified activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indicated.

Indicate the number and date of the relevant notice:	Activity No (s) (In terms of the relevant notice):	Describe each listed activity as per the detailed project description (and not as per wording of the relevant Government Notice):
R. 544, 18 June 2010	Activity 9	<p>The construction of facilities or infrastructure exceeding 1000 meters in length for the bulk transportation of water, sewage or storm water –</p> <ul style="list-style-type: none"> (i) With an internal diameter of 0,36 meters or more; or (ii) With a peak throughput of 120 liters per second or more; <p>excluding where:</p> <ul style="list-style-type: none"> a. Such facilities or infrastructure are for bulk transportation of water, sewage or storm water drainage inside a road reserve; or <p>Where such construction will occur within urban areas but further than 32 meters from a watercourse, measured from the edge of the watercourse.</p>
R. 544, 18 June 2010	Activity 11	<p>The Construction of:</p> <ul style="list-style-type: none"> (i) Canals; (ii) Channels; (iii) Bridges; (v) Weirs; (vi) Bulk storm water outlet structures; (x) Infrastructure or structures covering 50 square metres or more. <p>Where such construction occurs within a watercourse or within 32 metres of a watercourse, measured from the edge of a watercourse, excluding where such</p>

		construction will occur behind the development setback line.
R. 544, 18 June 2010	Activity 18	<p>The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock from:</p> <p>(i) a watercourse;</p> <p>but excluding where such infilling, depositing, dredging, excavation, removal or moving:</p> <p>(i) is for maintenance purposes undertaken in accordance with a management plan agreed to by the relevant environmental authority; or</p> <p>(ii) Occurs behind the development setback line</p>
R. 544, 18 June 2010	Activity 23	<p>The transformation of undeveloped, vacant land to-</p> <p>(i) residential, retail, commercial, recreational, industrial or institutional use inside an urban area, and where the total area to be transformed is 5 hectares or more, but less than 20 hectares, or</p> <p>(ii) residential, retail, commercial, industrial or institutional use outside an urban area and where the total area to be transformed is bigger than 1 hectare but less than 20 hectares;-</p> <p>Except where such transformation takes place for linear activities.</p>
R. 544, 18 June 2010	Activity 24	The transformation of land bigger than 1000 square metres in size, to residential, retail, commercial, industrial or institutional use, where, at the time of the coming into effect of this schedule, such land was zoned as open space, conservation or had an equivalent zoning.

Please note that any authorisation that may result from this application will only cover activities specifically applied for.

3. TYPE OF APPLICATION

3.1 Application for Basic Assessment

Is this an application for conducting a basic assessment (as defined in the Regulations)?

YES X	
----------	--

Please indicate when the basic assessment report will be submitted:

The Basic Assessment Report will be made available for review once completed. The Department will be furnished with a copy of the Draft Report and the final report will be submitted to the Department after the issues and concerns of all the I&AP's have been incorporated and addressed in the final Report.

3.2 Application for Scoping and Environmental Impact Assessment (S&EIR)

Is this an application for Scoping and EIR (as defined in the Regulations)?

	NO X
--	---------

Please indicate when the Scoping Report (including the Plan of Study for EIA) will be submitted:

--

4. DECLARATIONS

4.1 The Applicant

I, **Zarafusion (Pty) Ltd.** declare that I -

- am, or represent², the applicant in this application;
- have appointed / will appoint (delete that which is not applicable) an environmental assessment practitioner to act as the independent environmental assessment practitioner for this application / will obtain exemption from the requirement to obtain an environmental assessment practitioner³;
- will provide the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred in complying with the Environmental Impact Assessment Regulations, 2010, including but not limited to -
 - costs incurred in connection with the appointment of the environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
 - costs incurred in respect of the undertaking of any process required in terms of the Regulations;
 - costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
 - costs in respect of specialist reviews, if the competent authority decides to recover costs; and
 - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the competent authority;
- will ensure that the environmental assessment practitioner is competent to comply with the requirements of these Regulations and will take reasonable steps to verify whether the EAP complies with the Regulations;
- will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the competent authority in this regard;
- am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;
- hereby indemnify the Government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant or environmental assessment practitioner is responsible for in terms of these Regulations;
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these Regulations;
- will perform all other obligations as expected from an applicant in terms of the Regulations;
- all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.



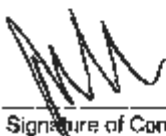
Signature of the applicant⁴ / Signature on behalf of the applicant:

Zarafusion (Pty) Ltd

Name of company (if applicable):

2014-01-16

Date:



Signature of Commissioner of Oaths

2014.01.16

Date:

B. Manasse

Designation:

Official stamp (below)



² If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

³ If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.

⁴ If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority.

4.2 The Environmental Assessment Practitioner

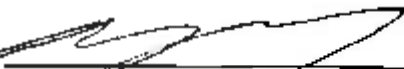
I, Lizelle Gregory declare that -

General declaration:

- I act as the independent environmental practitioner in this application
- I act independently
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, regulations and all other applicable legislation;
- I will take into account, to the extent possible, the matters listed in regulation 8 of the regulations when preparing the application and any report relating to the application;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not
- all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act; and
- I will adhere to and comply with all responsibilities as indicated in the National Environmental Management Act and Environmental Impact Assessment.

Disclosure of Vested Interest (delete whichever is not applicable)

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2010;
- I have a vested interest in the proposed activity proceeding, such vested interest being:



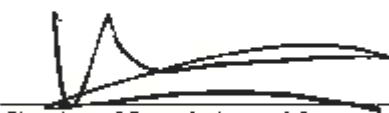
Signature of the environmental assessment practitioner:

Bokamoso Landscape Architects and Environmental Consulting CC

Name of company:

21/1/2014

Date:



Signature of Commissioner of Oaths

21/1/2014

Date:

PIETER EDUARD WILM

COMMISSIONER OF OATHS

22 LEBOWE ROAD

ASHLEA GARDENS

PRETORIA 0011

CHARTERED ACCOUNTANT OF SOUTH AFRICA

Designation:

Official stamp (below)

ANNEXURE A

Not applicable

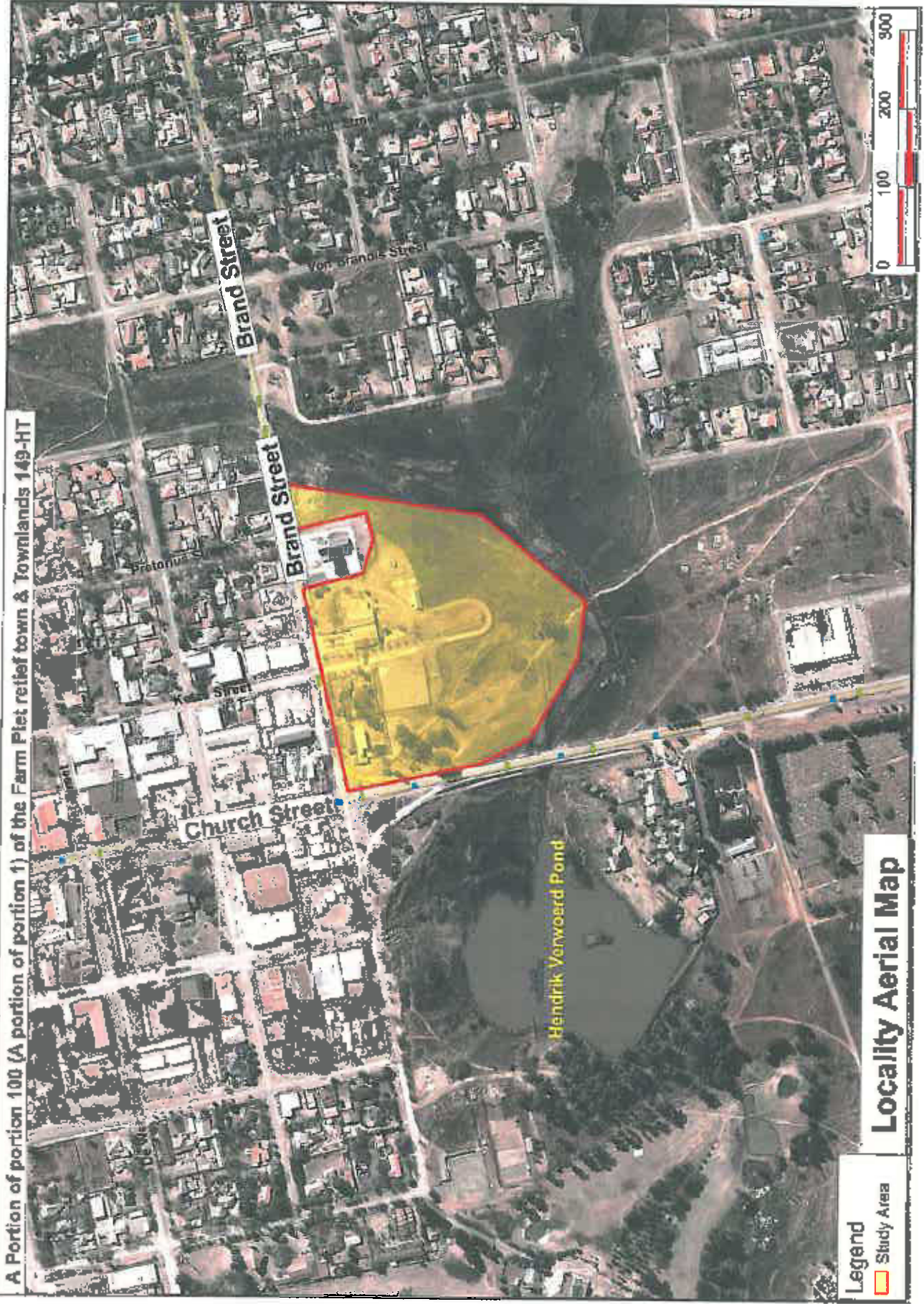
ANNEXURE B

Not applicable

ANNEXURE C

- **Locality Map**
- **Aerial Map**

A Portion of portion 100 (A portion of portion 1) of the Farm Plet relief town & Townlands 149-HT



Legend
Study Area

Locality Aerial Map



MPUMALANGA PROVINCIAL GOVERNMENT

Building No. 4
No. 7 Government Boulevard
Riverside Park Extension 2
Nelspruit
1200
South Africa



Private Bag X 11215
Nelspruit, 1200
Tel: 013 766 4004
Fax: 013 766 4614
Int: +27 13 766 4004
Int: +27 13 766 4614

Department of Economic Development, Environment and Tourism

Litiko Letekutfutukiswa
Kwetemotto, Simondzwo netekuVakasha

Umgango WezokuThuthukiswa
KoMnotho, iBhoduluko nezamaVakatjho

Departement van Ekonomiese
Ontwikkeling, Omgewing en Toerisme

Enquiries : Sindisiwe Mbuyane
Reference : 17/2/3 GS-239
Tel : (017) 811 3951

Kiriakos Anastasiadis
Zarafusion (Pty) Ltd
P.O Box 569
Wierda Park
Centurion
0149

Dear Sir/ Madam

APPLICATION FOR ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED PIET RETIEF EXTENSION 22 ON PORTION 100 (A PORTION OF PORTION) OF THE FARM PIET RETIEF TOWN AND TOWNLANDS 149 HT, MKHONDO LOCAL MUNICIPALITY IN MPUMALANGA PROVINCE.

The Department confirms having received the application form for environmental authorisation of the abovementioned project **25 February 2014**. The application is hereby accepted, and you may proceed with the process required in terms of the Environmental Impact Assessment Regulations, 2010.

The application has been assigned the reference number **17/2/3 GS-239**. Kindly quote this reference number in any future correspondence in respect of the application and in all methods of notification used during the public participation process.

The responsible officer is **Ms. Sindisiwe Mbuyane** and all correspondence must be directed to: The Deputy Director, Environmental Impact Management, Gert Sibande District Office, marked for the attention of the responsible officer.

Please note that in terms of the provisions of Regulation 67, this application will lapse if the applicant fails for a period of 6 months to comply with a requirement of the EIA Regulations, 2010, or if reasons for failure to comply are not communicated in writing to and accepted by this Department.

Please draw the applicant's attention to the fact that the activity may not commence prior to an environmental authorisation being granted by the Department.



Sincerely,

Thabile Mahlaku
Assistant Director: Environmental Impact Management

05.03.2014
Date

cc:Lizelle Gregory

Bokamoso Landscape Architects & Environmental Consultants

lizalleg@mweb.co.za



LEBOMBO GARDENS BUILDING
36 LEBOMBO ROAD
ASHLEA GARDENS
0081

P.O. BOX 11375
MAROELANA
0161

Tel: (012) 346 3810
Fax: 086 570 5659
E-mail: lizelleg@mweb.co.za
Website: www.Bokamoso.biz



Landscape Architects, Environmental Consultants,
Environmental Auditing, Water License Applications

Deputy Director
Department: Economic Development, Environment and
Tourism Mpumalanga Provincial Government
Gert Sibande District
13 De Jager Street
Ermelo
2351

ATTENTION: Sindisiwe Mbuyane
Tel: 017-811 3951

12 August 2014

RE: APPLICATION FOR ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED PIET RETIEF EXTENSION X 22 ON PORTION 100 (A PORTION OF PORTION 1) OF THE FARM PIET RETIEF TOWN AND TOWNLANDS 149 HT, MKHONDO MUNICIPALITY IN MPUMALANGA PROVINCE.

Reference number: 17/2/3/GS-239

The abovementioned project has reference.

We like to request an extension of time of six months for the submission of the Draft Basic Assessment Report for the abovementioned project.

A backlog with specialists' work, due to the end of the flowering season, contributed to the delay in retrieving specialist studies with relation to fauna and flora studies. Other professional reports are still awaited in order to finalise the Draft Basic Assessment Report.

It would be appreciated if you can kindly provide us with a formal letter of response regarding the request for an extension of time.

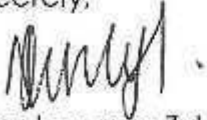
REG NO: CK 2010/087490/23
VAT REG NO: 4080260872

BOKAMOSO LANDSCAPE ARCHITECTS AND ENVIRONMENTAL CONSULTANTS CC

MEMBER: Lizelle Gregory

We trust you find the above in order. Please do not hesitate to contact our office should you have any questions in this regard.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mary-Lee van Zyl', with a small flourish at the end.

Mary-Lee van Zyl

**Bokamoso Landscape Architects
and Environmental Consultants CC**

MPUMALANGA PROVINCIAL GOVERNMENT

Building No. 4
No. 7 Government Boulevard
Riverside Park Extension 2
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South Africa



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Department of Economic Development, Environment and Tourism

Litiko Letekutfutukiswa
Kwetemnofo, Simondzwo neteku Vakasha

Umngango WezokuThuthukiswa
KoMnotho, iBhoduluko nezamaVakatjho

Departement van Ekonomiese
Ontwikkeling, Omgewing en Toerisme

Enquiries: Nontokozo Mahlalela

Reference: 17/2/3/GS-239

Tel No : (017) 811 4830

Kiriakos Anastasiadis

Zarafusion (Pty) Ltd

P O Box 569

Wierda Park

Centurion

0149

Email : user2@bokamoso.net

Fax No: (086) 570 5659

Dear Sir

EXTENSION OF AN APPLICATION FOR ENVIRONMENTAL AUTHORISATION OF THE PROPOSED PIET RETIEF EXTENSION X22 ON PORTION 100 (A PORTION OF PORTION 1) OF THE FARM PIET RETIEF TOWN AND TOWNLANDS 149 HT, MKHONDO LOCAL MUNICIPALITY IN MPUMALANGA PROVINCE

We confirm having received your request on **12 August 2014** to extend the time period within which the outstanding information with respect to the abovementioned application must be submitted.

After due consideration of the letter for the above mentioned project, the Department here by grants you with the extension of time frame in terms of Regulation 67 (2) NEMA, 2010. The extension will be six months after the date of the signed letter which will automatically lapse on **17 March 2015** due to the provisions of Regulation 67 (1), an application will lapse if the applicant fails for a period of 6 months to comply with a requirement of the EIA Regulations, 2010, or if reasons for failure to comply are not communicated in writing to and accepted by this Department

Please draw the applicant's attention to the fact that the activity may not commence prior to an environmental authorisation being granted by the Department.

Should you have any enquiry please do not hesitate to contact this office.

Yours faithfully

Thabile Mahlaku

Ms. Thabile Mahlaku

Assistant Director: Environmental Impact Management

17/09/2014

Date



cc: Mary-Lee Van Zyl

Bokamoso Environmental

lizelleg@mweb.co.za



LEBOMBO GARDENS BUILDING
38 LEBOMBO ROAD
ASHLEA GARDENS

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0181

Tel: (012) 346 3810
Fax: 086 570 5659
E-mail: lizelleg@mweb.co.za
Website: www.Bokamoso.net



Landscape Architects, Environmental Consultants,
Environmental Auditing, Water License Applications

DEPARTMENT: ECONOMIC DEVELOPMENT, ENVIRONMENT AND
TOURISM MPUMALANGA PROVINCIAL GOVERNMENT,

Deputy Director
Gert Sibande District
13 De Jager Street
Ermelo
2351

Tel: 017-811 4830

ATTENTION: Thabile Mahlaku

17 March 2015

**RE: PROPOSED PIET RETIEF EXTENSION X22 ON PORTION 100 (A PORTION OF
PORTION 1) OF THE FARM PIET RETIEF TOWN AND TOWNLANDS 149 HT,
MKHONDO LOCAL MUNICIPALITY IN MPUMALANGA PROVINCE.**

Reference No: 17/2/3/GS-239

Please find 1 x hard copy and 1x electronic Copy of the Draft Basic Assessment
Report for the proposed Piet Retief Shopping Centre.

By Hand

Name and Surname : WINNIE FARUDE
(Receiver)

Date: 17/03/2015

Where: ECONOMIC DEV. TOURISM

Signature: NW FARUDE

Sender: Mary-Lee van Zyl

REG NO: CK 2010/087490/23
VAT REG NO: 4080260872

BOKAMOSO LANDSCAPE ARCHITECTS AND ENVIRONMENTAL CONSULTING CC

MEMBER: Lizelle Gregory



agriculture, rural development,
land & environmental affairs

MPUMALANGA PROVINCE
REPUBLIC OF SOUTH AFRICA

Building No. 6, No. 7 Government Boulevard, Riverside Park, 1200, Mpumalanga Province

Private Bag X 11219, 1200

Tel: +27 (0)13 766 6067/8. Fax: +27 (0)13 766 8295. Int Tel: +27 (13) 766 6067/8. Int Fax: +27 (13) 766 8295

Litiko Lejalekullima, Kufufukiswa
KweIndzawo Tesemakhaya, Temhlaba
Netasmondzawo

Departement van Landbou,
Landelike Ontwikkeling,
Grond en Ongeewing Sake

umNyango weZelimo
UkuT huthukiswa kweIndzawo
zamaKhaya,

Enquiries: Nontokozo Mahlelele
Reference: 17/23/GS-239
Neas No.: MPP/EIA/00009/16/2014
Tel No: (017) 811 4830

Kiriakos Anastasladis
Zarafusion (Pty) Ltd
P O Box 569
Wierda Park
Centurion
0149

Email : user2@bokamoso.net
Fax No: (086) 570 5659

Dear Sir

DRAFT BASIC ASSESSMENT REPORT: THE PROPOSED PIET RETIEF EXTENSION X22 ON PORTION 100 (A PORTION OF PORTION 1) OF THE FARM PIET RETIEF TOWN AND TOWNLANDS 149 HT, MKHONDO LOCAL MUNICIPALITY IN MPUMALANGA PROVINCE

The Department confirms having received the Draft Basic Assessment Report of the above mentioned project on 30 March 2015.

The Department will notify the applicant and yourself of its decision in respect of the application within 30 days.

Please draw the applicant's attention to the fact that the activity may not commence prior to an environmental authorisation being granted by the Department.

Sincerely,

A.D Environmental Impact Management

13/04/2015

DATE

cc: Mary-Lee Van Zyl

Bokamoso Environmental

lizelleg@mweb.co.za



Appendix I: **Company Profile and CV**



Bokamoso

**Landscape Architects &
Environmental consultants**

**P.O.BOX 11375
Maroelana
0161**

**Tel: (012) 346 3810
Fax: (086) 570 5559**

**E-mail: lizelle@mweb.co.za
Website: www.bokamoso.biz**

- 01** Executive Summary
- 02** Vision, Mission & Values
- 03** Human Resources
- 04** Services
- 05** Landscape Projects
- 06** Corporate Highlights
- 07** Environmental Projects
- 08** Indicative Clients
- 09** Tools

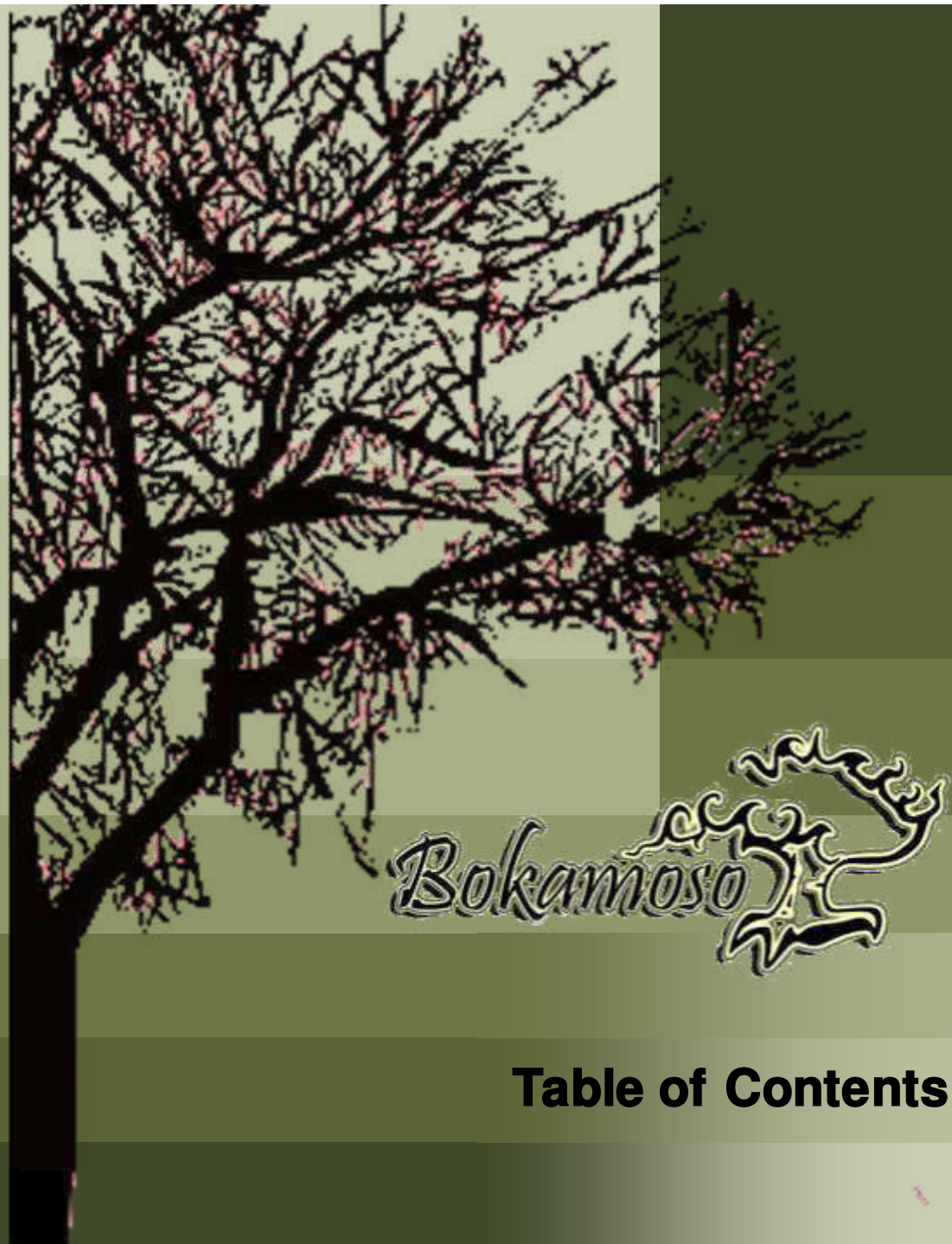


Table of Contents

Bokamoso specialises in the fields of Landscape Architecture and all aspects of Environmental Management and Planning. Bokamoso was founded in 1992 and has shown growth by continually meeting the needs of our clients. Our area of expertise stretches throughout the whole of South Africa. Our projects reflect the competence of our well compiled team. The diversity of our members enables us to tend to a variety of needs. Our integrated approach establishes a basis for outstanding quality. We are well known to clients in the private, commercial as well as governmental sector.

At Bokamoso we stand on a firm basis of environmental investigation in order to find unique solutions to the requirements of our clients and add value to their operations.



01 Executive Summary

011 Company Overview



Vision:

At Bokamoso we strive to find the best planning solutions by taking into account the functions of a healthy ecosystem. Man and nature should be in balance with each other.

Mission:

We design according to our ethical responsibility, take responsibility for successful completion of projects and constitute a landscape that contributes to a sustainable environment. We add value to the operations of our clients and build long term relationships that are mutually beneficial.

Values:

Integrity

Respect



Bokamoso stands on the basis of fairness. This include respect within our multicultural team and equal opportunities in terms of gender, nationality and race.

We have a wide variety of projects to tend to, from complicated reports to landscape installation. This wide range of projects enables us to combine a variety of professionals and skilled employees in our team.

Bokamoso further aids in the development of proficiency within the working environment. Each project, whether in need of skilled or unskilled tasks has its own variety of facets to bring to the table.

We are currently in the process of receiving our BEE scorecard. We support transformation in all areas of our company dynamics.



03 Human Resources

031 Employment Equity

Lizelle Gregory (100% interest)

Lizelle Gregory obtained a degree in Landscape Architecture from the University of Pretoria in 1992 and passed her board exam in 1995.

Her professional practice number is PrLArch 97078.

Ms. Gregory has been a member of both the Institute for Landscape Architecture in South Africa (ILASA) and South African Council for the Landscape Architecture Profession (SACLAP), since 1995.

Although the existing Environmental Legislation doesn't yet stipulate the academic requirements of an Environmental Assessment Practitioner (EAP), it is recommended that the Environmental Consultant be registered at the International Association of Impact Assessments (IAIA). Ms. Gregory has been registered as a member of IAIA in 2007.

Ms. Gregory attended and passed an International Environmental Auditing course in 2008. She is a registered member of the International Environmental Management and Assessment Council (IEMA).

She has lectured at the Tshwane University of Technology (TUT) and the University of Pretoria (UP). The lecturing included fields of Landscape Architecture and Environmental Management.

Ms. Gregory has more than 20 years experience in the compilation of Environmental Evaluation Reports:

Environmental Management Plans (EMP);

Strategic Environmental Assessments;

All stages of Environmental input ;

EIA under ECA and the new and amended NEMA regulations and various other Environmental reports and documents.

Ms. Gregory has compiled and submitted more than 600 Impact Assessments within the last 5-6 years. Furthermore, Ms. L. Gregory is also familiar with all the GDARD/Provincial Environmental policies and guidelines. She assisted and supplied GAUTRANS/former PWV Consortium with Environmental input and reports regarding road network plans, road determinations, preliminary and detailed designs for the past 12 years.



03 Human Resources

032 Members

Consulting

Anè Agenbacht

Introduction to Sustainable Environmental Management—An overview of Principles, Tools, & Issues (Potch 2006)
Leadership Training School (Lewende Woord 2010)
BA Environmental Management (UNISA 2011)
PGCE Education (Unisa 2013) - CUM LAUDE
Project Manager
More than 10 years experience in the compilation of various environmental reports

Mary-Lee Van Zyl

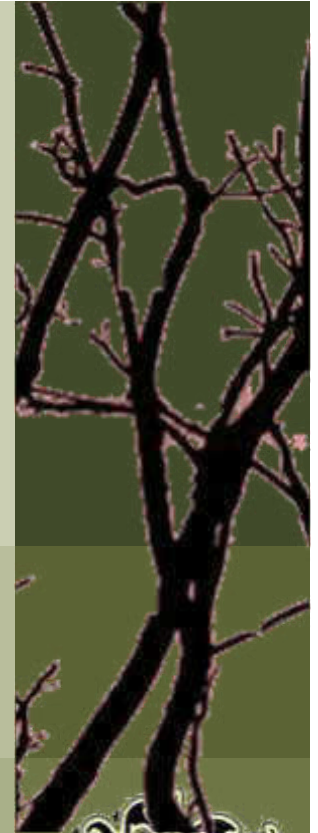
Msc. Plant Science (UP)
BSc (Hons) Plant Science (UP)
BSc Ecology (UP)
More than 3 years working experience in the Environmental field
Specialises in ECO works, Basic Assessments, EIA's, and Flora Reports
Compilation of various Environmental Reports

Dashentha Naidoo

BA Honours Degree in Environmental Management (UNISA) - CUM LAUDE
Bachelor Social Science in Geography & Environmental Management (UKZN)
More than 4 years experience in WUL Application & Integrated Environmental Management within water resource management.
Senior Environmental Practitioner & Water Use Licences Consultant
Specialises in Water Use License & Compilation of various Env. Reports

Ben Bhukwana

BSc Landscape Architecture (UP)
More than 5 years experience in the field of Landscape Architecture (Design, Construction, and Implementation).
Specialises in Landscape Design, ECO, Rehabilitation Plans and Compilation Basic Assessment Reports
Compilation of Tender documents



03 Human Resources

033 Personnel

Anton Nel

B-Tech Landscape Technology (TUT)
N Dip Landscape Technology (TUT)
Hazardous Waste Management Short Course
2 years experience in ECO.
Specialises in Basic Assessment Reports.

Juanita de Beer

Diploma Events Management and Marketing (Damelin)
Specializes in Public relations and Public Participation Processes (3 years experience)

Alfred Thomas

CIW Foundation& Internet Marketing (IT Academy)
12 years experience in GIS and IT in general.
GIS Operator and Multimedia Specialist.

Bianca Reyneke

Applying SHE Principles and Procedures (NOSA)
Intro to SAMTRAC Course (NOSA)
SHEQ Coordinator and compilation of environmental reports
Specialises in compiling various environmental reports

A.E. van Wyk

BSc. Environmental Sciences (Zoology and Geography)
Specialises in compiling various environmental reports



03 Human Resources

034 Personnel

Elsa Viviers

Interior Decorating (Centurion College)
(Accounting/ Receptionist) and Secretary to Lizelle Gregory

Loura du Toit

N. Dip. Professional Teacher (Heidelberg Teachers Training College)
Librarian and PA to Project Manager

Merriam Mogalaki

Administration Assistant with in-house training in bookkeeping

Landscape Contracting

Elias Maloka

Site manager overseeing landscape installations.
Irrigation design and implementation.
Landscape maintenance
18 years experience in landscape contracting works.

The contracting section comprises of six permanently employed black male workers. In many cases the team consists of up to 12 workers, depending on the quantity of work.



03 Human Resources

035 Personnel



01 Environmental Management Services

- Basic Assessment Reports
- EIA & Scoping Reports
- Environmental Management Plans
- Environmental Scans
- Strategic Environmental Assessments
- EMP for Mines
- Environmental Input and Evaluation of Spatial Development Frameworks
- State of Environmental Reports
- Compilation of Environmental Legislation and Policy Documents
- Environmental Auditing and Monitoring
- Environmental Control Officer (ECO)
- Visual Impact assessments
- Specialist Assistance with Environmental Legislation Issues and Appeals
- Development Process Management
- Water Use License applications to DWA
- Waste License Application



04 Services

041 Consulting Services

02 Landscape Architecture

- Master Planning
- Sketch Plans
- Planting Plans
- Working Drawings
- Furniture Design
- Detail Design
- Landscape Development Frameworks
- Landscape Development Plans (LDP)
- Contract and Tender Documentation
- Landscape Rehabilitation Works

03 Landscape Contracting

Implementation of Plans for:

- Office Parks
- Commercial/ Retail / Recreational Development
- Residential Complexes
- Private Residential Gardens
- Implementation of irrigation systems



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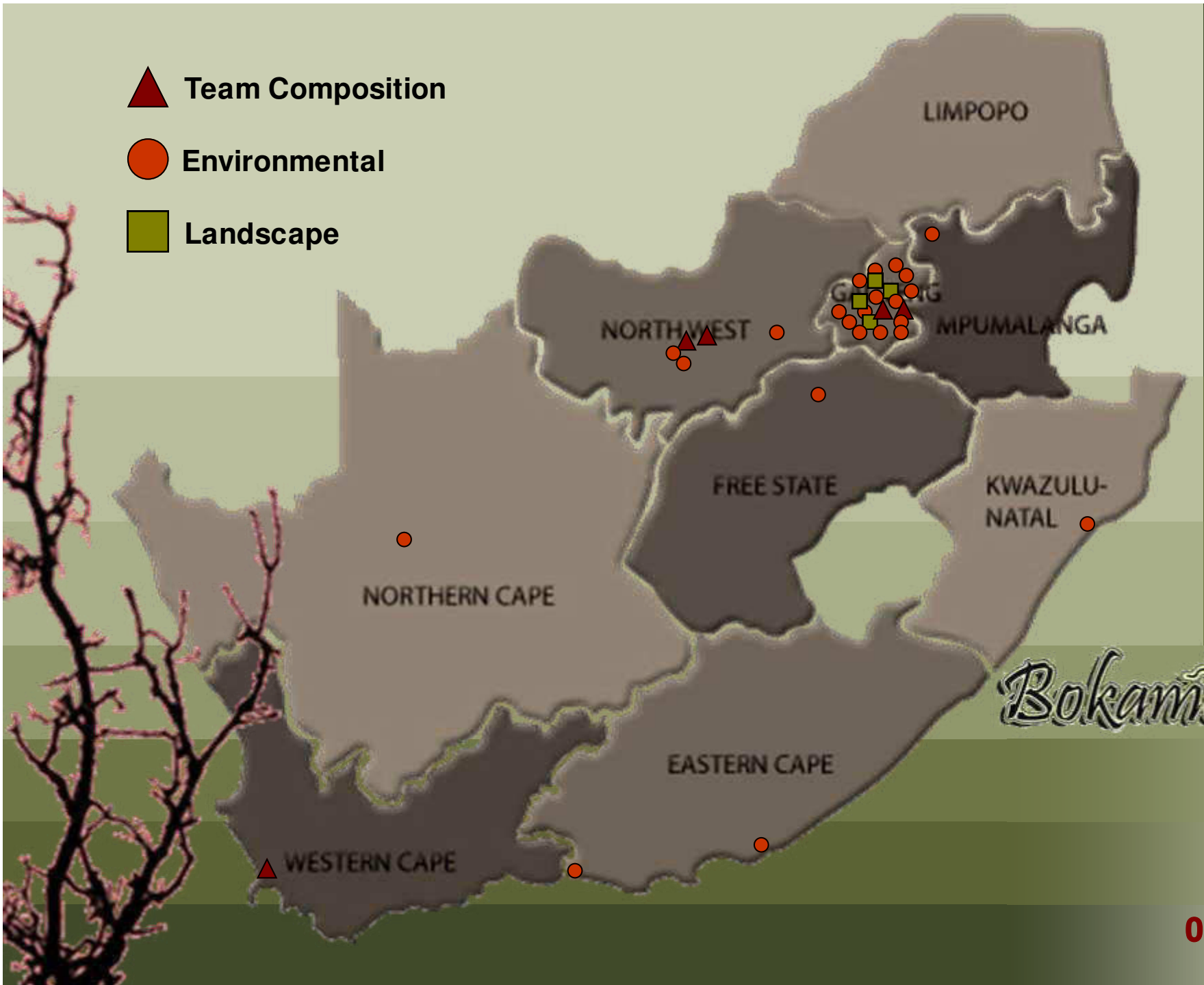
04 Services

042 Contracting Services

▲ Team Composition

● Environmental

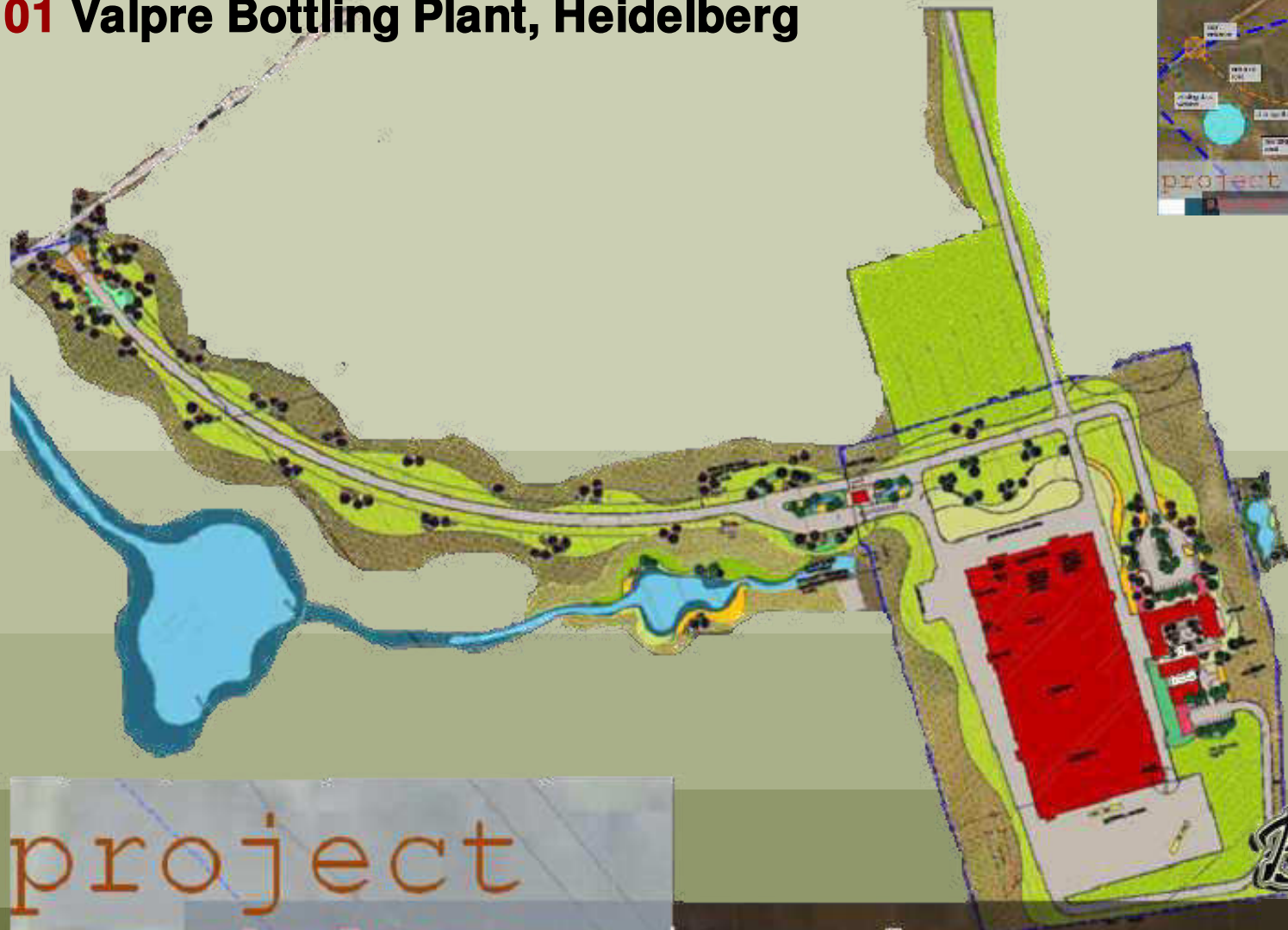
■ Landscape



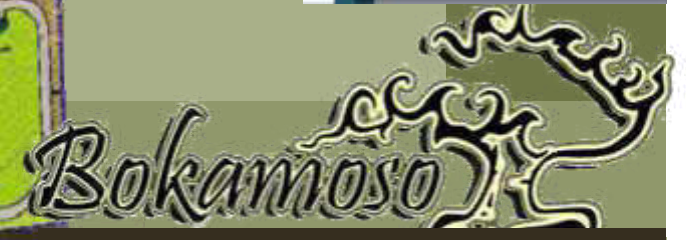
04 Services

043 Orientation

01 Valpre Bottling Plant, Heidelberg



project
shelter- site plan

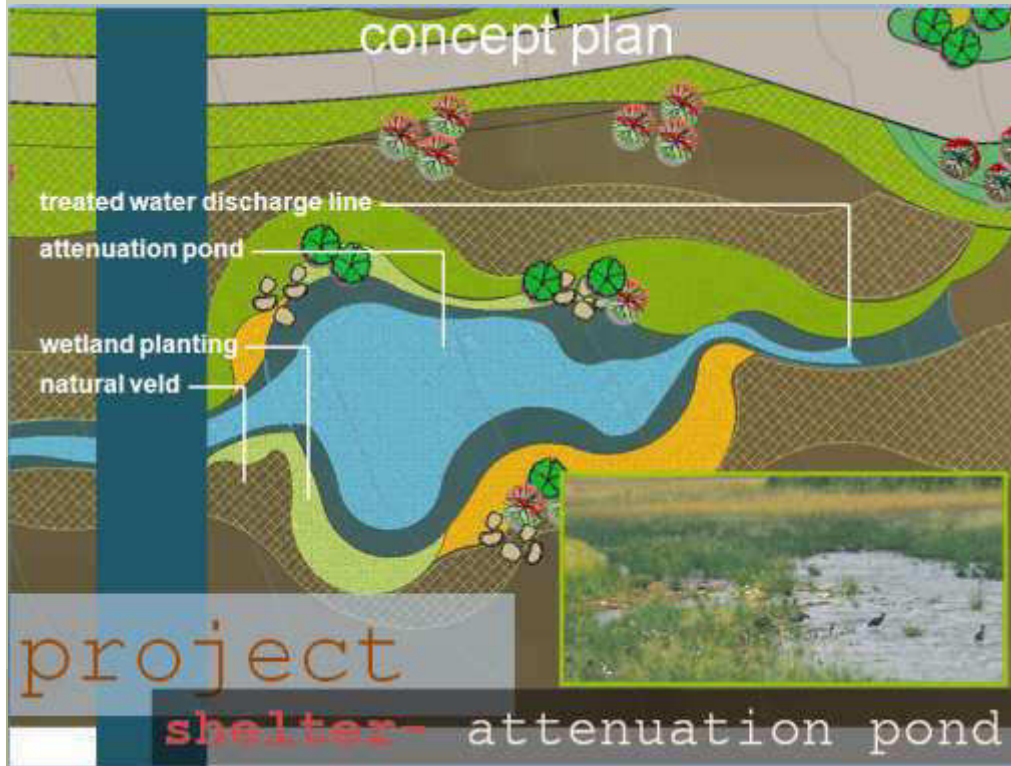


05 Landscape Projects- Current

051 Commercial



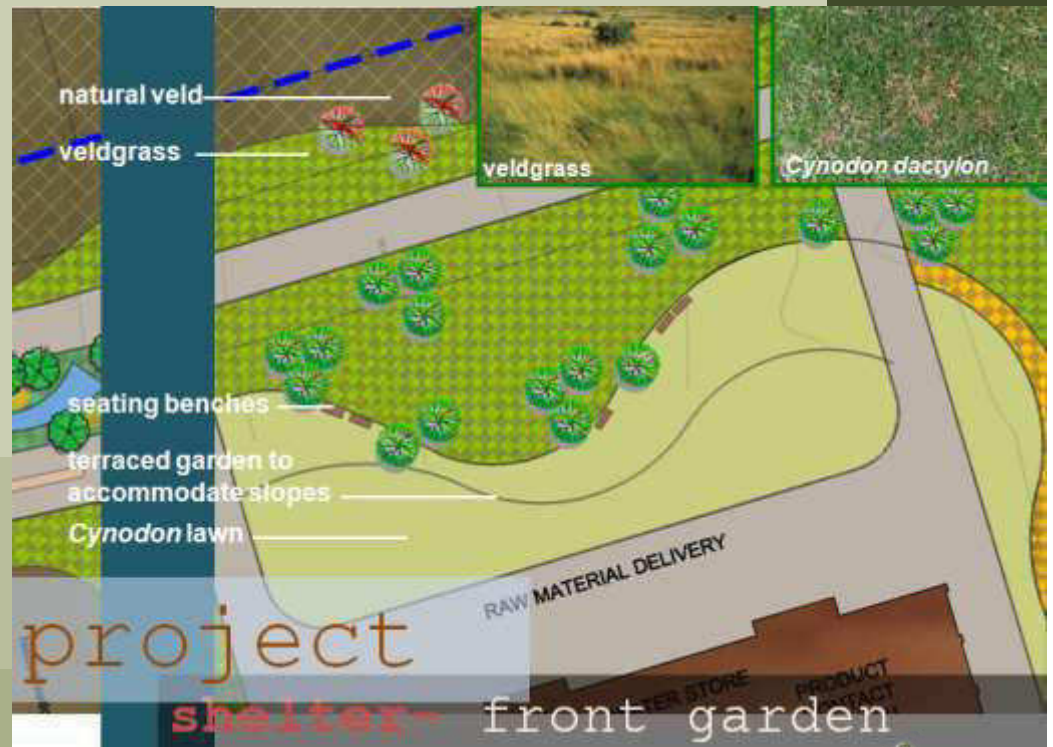
01 Valpre Bottling Plant, Heidelberg



05 Landscape Projects- Current

051 Commercial

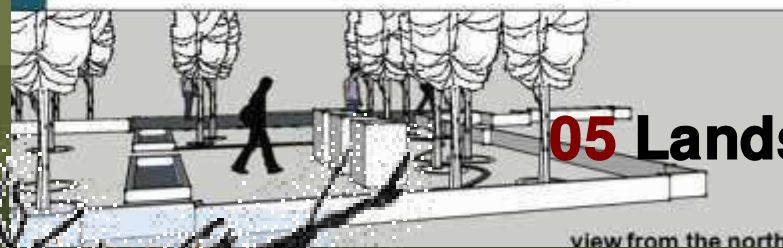
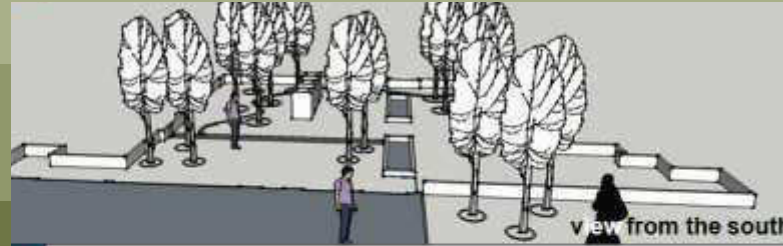
01 Valpre Bottling Plant, Heidelberg



05 Landscape Projects– Current

051 Commercial

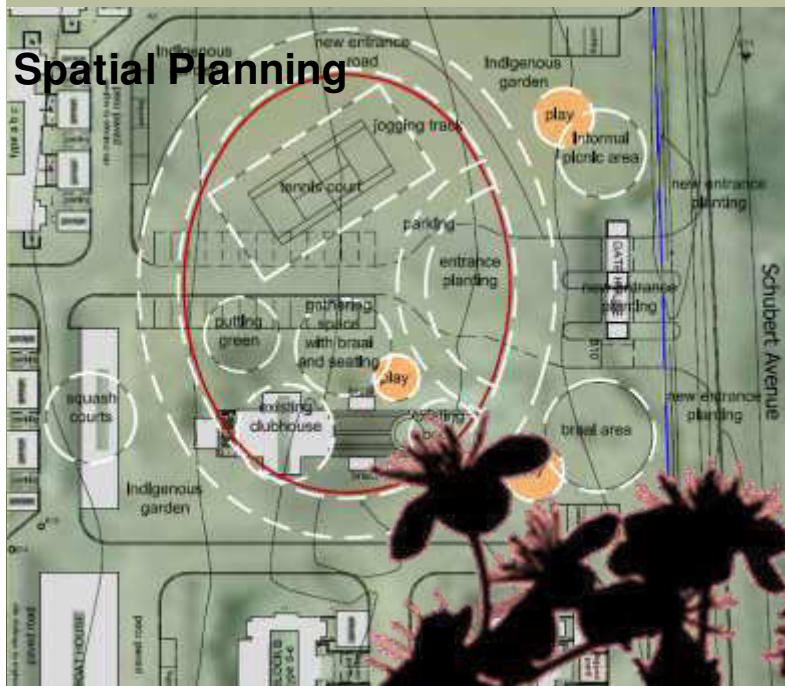
01 Valpre Bottling Plant, Heidelberg



05 Landscape Projects– Current

051 Commercial

02 Melodie Waters, Hartebeespoortedam



Streetscape

Indigenous Planting



05 Landscape Projects – Current

052 Commercial/Recreational



02 Melodie waters, Hartebeestpoortdam



Rehabilitation



Area Layout

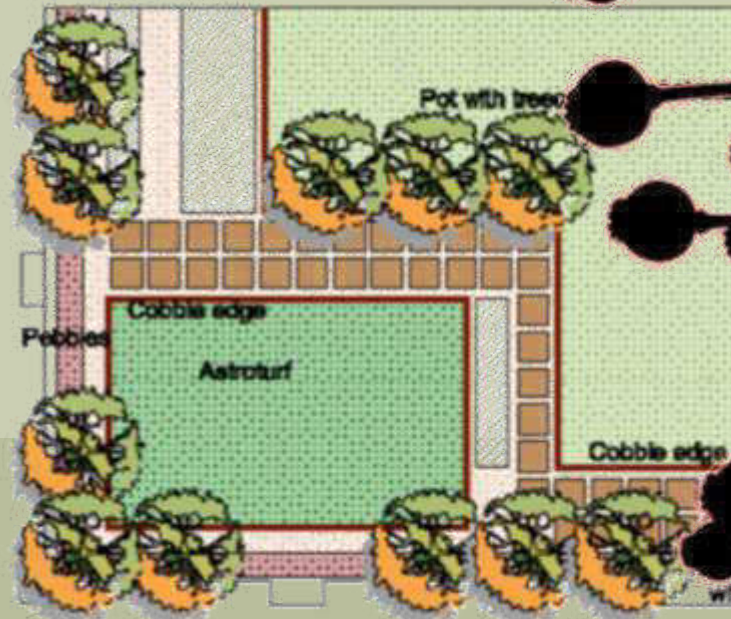
Development Framework



05 Landscape Projects– Current

052 Commercial/Recreational

03 Grain Building, Pretoria



Bokamoso

05 Landscape Projects– Completed

053 Offices

04 Ismail Dawson offices, Pretoria



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05 Landscape Projects – Conceptual

053 Offices

05 Celtic Manor, Pretoria



Bokamoso

05 Landscape Projects - Completed

054 Complex Development

06 The Wilds, Pretoria



05 Landscape Projects – Completed

054 Complex Development

07 The Wilds, Pretoria

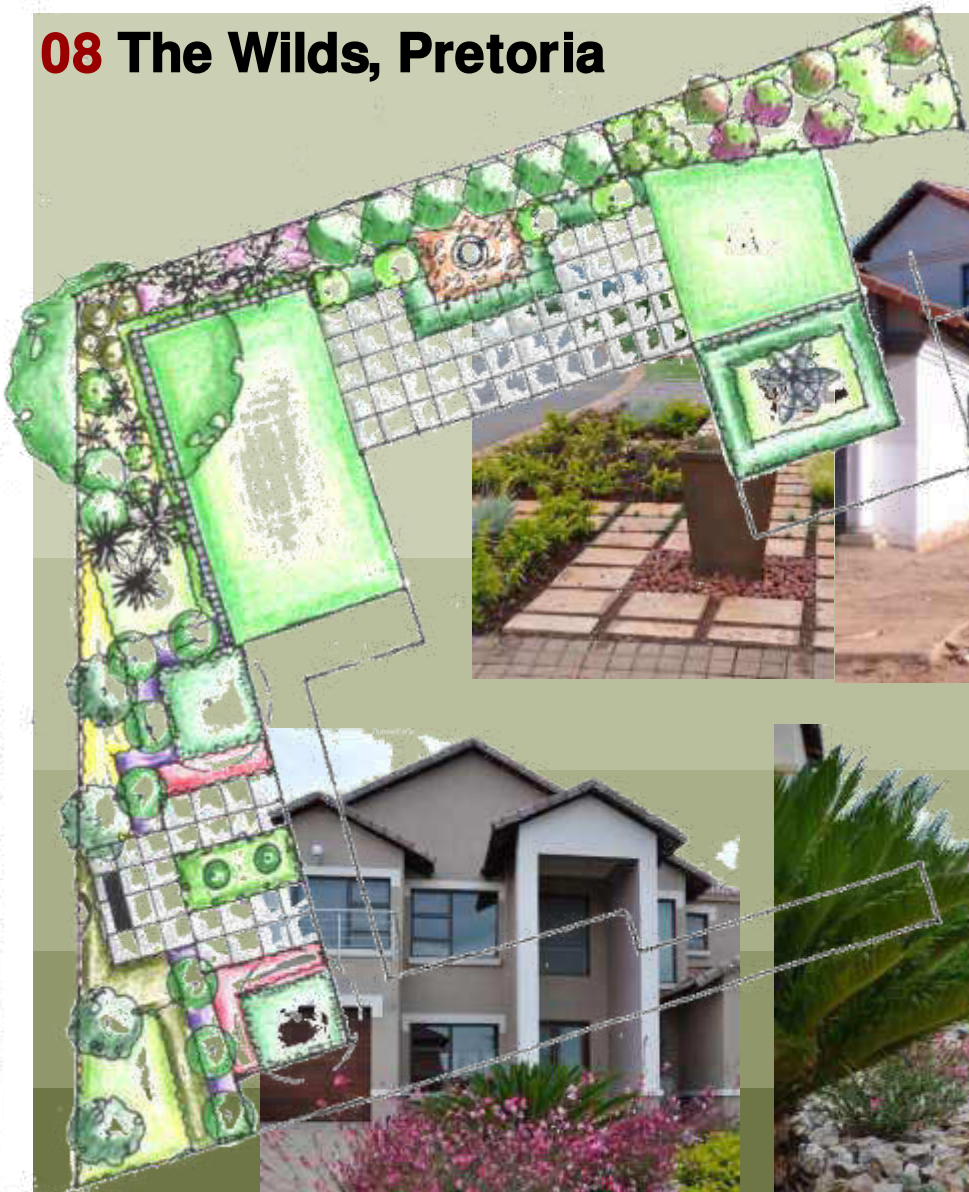


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05 Landscape Projects – Completed

055 Residential

08 The Wilds, Pretoria



Bokamoso

05 Landscape Projects – Completed

055 Residential

09 The Wilds, Pretoria



Bokamoso

05 Landscape Projects – Completed

055 Residential

010 The Wilds, Pretoria



Bokamoso

05 Landscape Projects – Completed

055 Residential

011 Governor of Reserve Bank's Residence, Pretoria



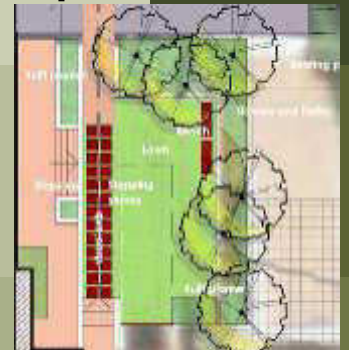
Plant Palette



Option 1



Option 2



05 Landscape Projects – Conceptual

055 Residential

012 House Ismail, Pretoria



Front Garden



Back Garden



05 Landscape Projects - Conceptual

055 Residential



013 Forest Garden, Pretoria



Bokamoso

05 Landscape Projects – Completed

055 Residential

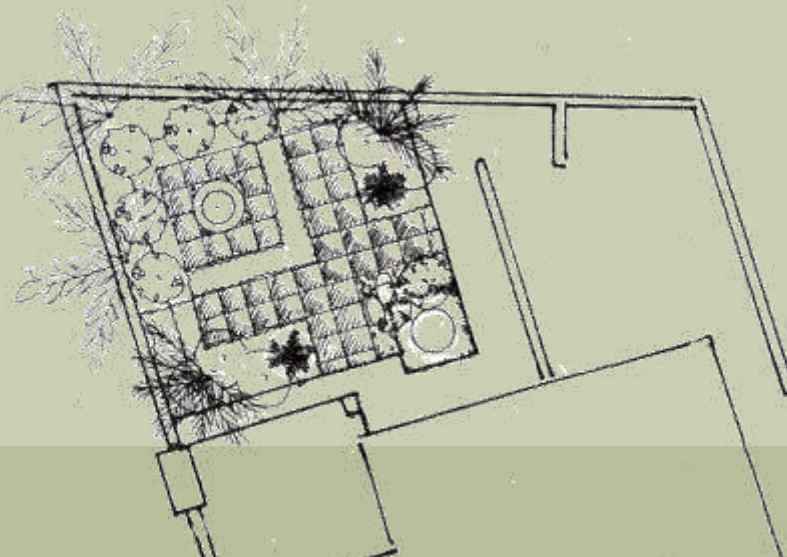
015 Forest Garden, Pretoria



Bokamoso

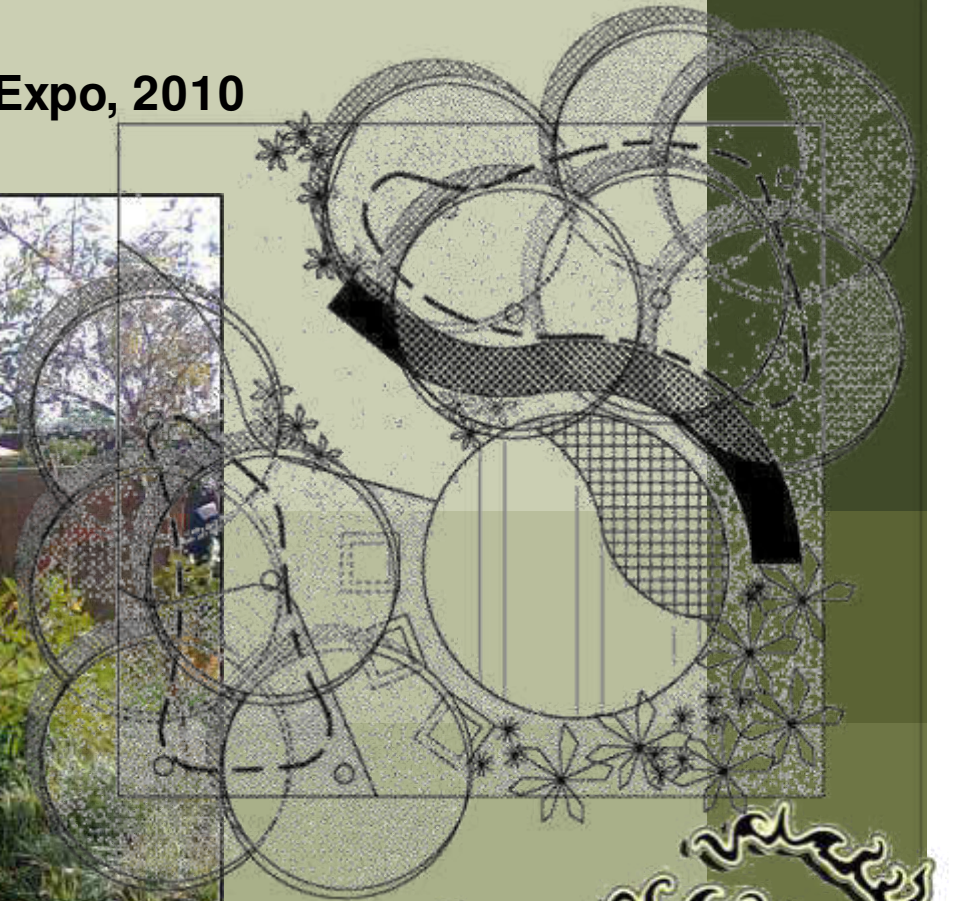
05 Landscape Projects - Completed

055 Residential



01 Safari Garden Expo

Received a Silver Certificate at the Safari Garden Expo, 2010



Bokamoso 

06 Corporate Highlights

061 Awards

02 UNISA Sunnyside Campus, Pretoria

Best Commercial Paving Plan in Gauteng, 1997



06 Corporate Highlights

061 Awards

Project Name	Status	Project
Environmental Impact Assessment(EIA) and Scoping Report		
Junction 21	ROD	EIA
5 O'clock site access	In Progress	EIA
Bokamoso X 1	In Progress	Scoping & EIA
Doornvallei Phase 6 & 7	In Progress	EIA
Engen Interchange	In Progress	Scoping & EIA
Erasmia X15	In Progress	EIA
Franschkloof	In Progress	EIA
K113	Amendment of ROD	EIA
K220 East	ROD	EIA
K220 West	ROD	EIA
K54 ROD conditions	In Progress	EIA
Knopjeslaagte 95/Peachtree	ROD	EIA
Knopjeslaagte portion 20 & 21	ROD	EIA
Lillieslief/Nooitgedacht	In Progress	EIA
Mooiplaats 70 (Sutherland)	In Progress	EIA
Naauwpoort 1 - 12/Valley View	In Progress	EIA
PeachTree X5	In Progress	EIA
Strydfontein 60	In Progress	EIA
Thabe Motswere	In Progress	Scoping & EIA
Vlakplaats	In Progress	EIA
Waterval Valley	In Progress	EIA
Environmental Opinion		
Doornkloof 68 (Ross)	In Progress	Opinion
Monavoni X 53	In Progress	BA & Opinion
Mooikloof (USN)	In Progress	Opinion
Norwood Mall/Sandspruit	In Progress	Opinion
Riversong X 9	In Progress	Opinion
Sud Chemie	In Progress	Opinion
USN Benjoh Fishing Resort	In Progress	Opinion



The adjacent list host the status of our current projects. Only a selected amount of projects are displayed.



07 Current Environmental Projects

071 EIA, Scoping & Opinion

Project Name	Status	Project
Basic Assessment(BA)		
Annlin X 138	In Progress	BA
Clubview X 29	ROD	BA
Darrenwood Dam	In Progress	BA
Durley Holding 90 & 91	In Progress	BA
Elim	In Progress	BA
Fochville X 3	In Progress	BA
Hartebeeshoek 251	In Progress	BA
Klerksdorp (Matlosana Mall)	In Progress	BA
Monavoni External Services	ROD	BA
Monavoni X 45	Amendment of ROD	BA
Montana X 146	In Progress	BA
Rooihuiskraal X29	In Progress	BA
Thorntree Mall	In Progress	BA

Environmental control officer (ECO)		
Grace Point Church	In Progress	ECO
R 81	In Progress	ECO
Highveld X 61	In Progress	ECO
Mall of the North	In Progress	ECO
Olievenhoutbosch Road	In Progress	ECO
Orchards 39	In Progress	ECO
Pierre van Ryneveld Reservoir	In Progress	ECO
Project Shelter	In Progress	ECO

S24 G		
Wonderboom	In Progress	S24 G
Mogwasi Guest houses	Completed	S24 G



07 Current Environmental Projects

072 BA, ECO & S24 G

Project Name	Status	Project
Objection		
Colesberg WWTW	In Progress	Objection
Nigel Steelmill	Completed	Objection
Chantilly Waters	Completed	Objection

Development facilitation Act- Input (DFA)		
Burgersfort	In Progress	DFA & BA
Doornpoort Filling Station	In Progress	DFA & EIA & Scoping
Eastwood Junction	In Progress	DFA
Ingersol Road (Erf 78, 81 - 83)	In Progress	DFA
Roos Senekal	In Progress	DFA & EIA & Scoping
Thaba Meetse 1	In Progress	DFA & EIA & Scoping

Water Use License Act (WULA)		
Britstown Bulk Water Supply	In Progress	WULA
Celery Road / Green Channel	In Progress	WULA
Clayville X 46	In Progress	WULA
Dindingwe Lodge	In Progress	WULA
Doornpoort Filling Station	In Progress	WULA+DFA+EIA+SC
Eco Park Dam	In Progress	WULA
Groote Drift Potch	In Progress	WULA
Jozini Shopping Centre	In Progress	WULA+BA
K60	Completed	WULA
Maloto Roads	In Progress	WULA
Kwazele Sewage Works	In Progress	WULA
Monavoni External Services	In Progress	WULA+BA
Nyathi Eco Estate	In Progress	WULA
Prairie Giants X 3	In Progress	WULA
Waveside Water Bottling Plant	Completed	WULA



07 Current Environmental Projects

073 Objection, DFA & WULA

Project Name	Status	Project
Environmental Management Plan(EMP)		
Heidelberg X 12	ROD	EMP
Monavoni Shopping Centre	Completed	EMP
Forest Hill Development	Completed	EMP
Weltevreden Farm 105KQ	Completed	EMP+EIA
Raslouw Holding 93	Completed	EMP+BA
Durley Development	Completed	EMP+BA
Rooihuiskraal North X 28	Completed	EMP

Rehabilitation Plan		
Norwood Mall/Sandspruit	In Progress	Rehabilitation
Project Shelter Heidelberg	In Progress	Rehabilitation
Sagewood Attenuation Pond	ROD	Rehabilitation
Velmore Hotel	Completed	Rehabilitation
Grace Point Church	Completed	Rehabilitation
Mmamelodi Pipeline	Completed	Rehabilitation

Visual Impact Assessment		
Swatzkop Industrial Developme	Completed	Assessment +DFA
Erasmia	Completed	Assessment

Signage Application		
Menlyn Advertising	Completed	Signage
The Villa Mall	Completed	Signage+EMP+BA



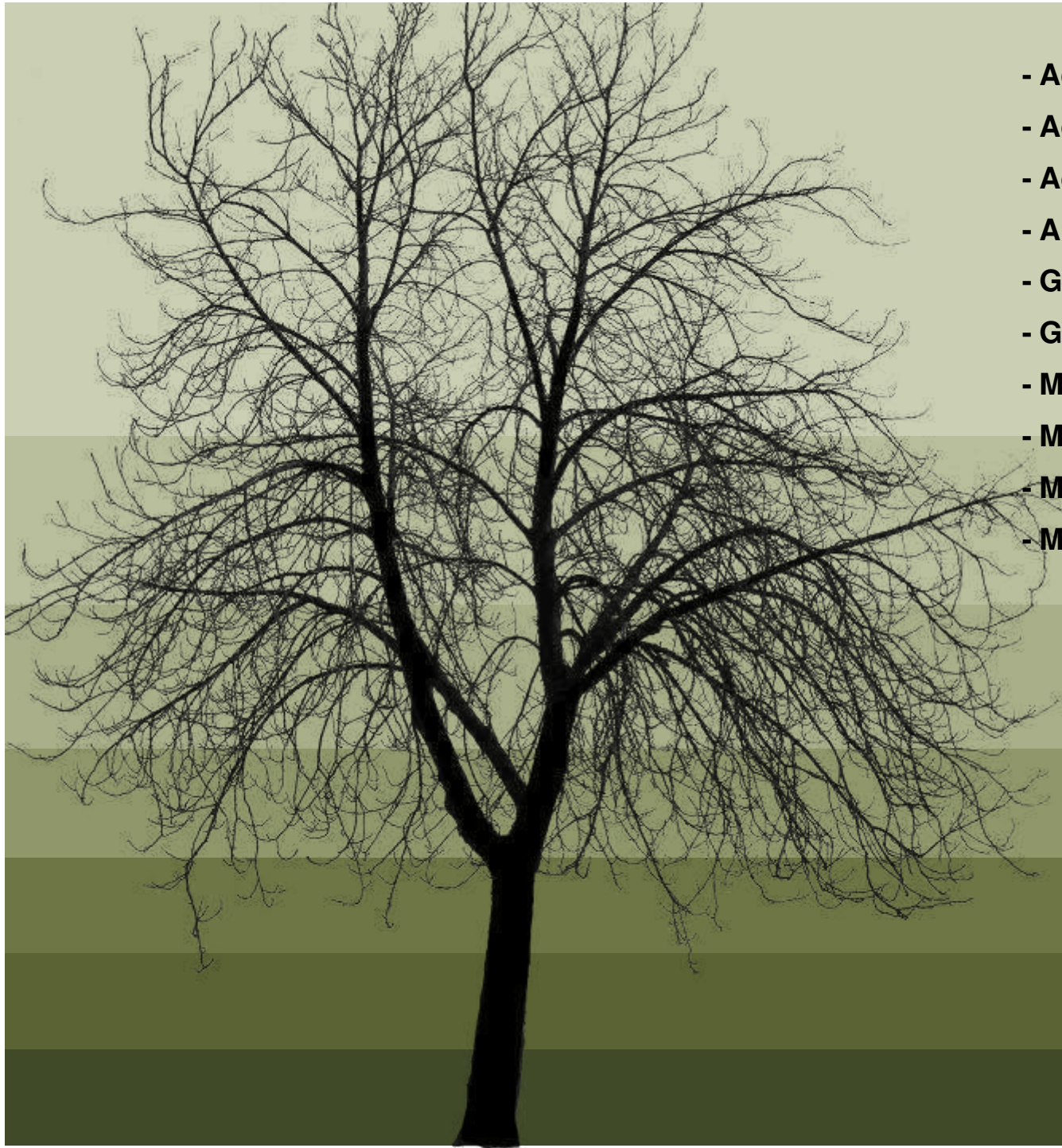
07 Current Environmental Projects

074 EMP, Rehabilitation , Waste Management & Signage Application

- Billion Property Group
- Cavaleros Developments
- Centro Developers
- Chaimberlains
- Chieftain
- Century Property Group
- Coca Cola
- Elmado Property Development
- Flanagan & Gerard
- Gautrans
- Hartland Property Group
- Moolman Group
- MTN
- M&T Development
- Old Mutual
- Property Investment Company
- Petroland Developments
- RSD Construction
- SAND
- Stephan Parsons
- Twin City Developments
- Urban Construction
- USN



08 Indicative Clients



- Adobe Illustrator CS3
- Adobe Photoshop CS3
- Adobe InDesign CS3
- AutoCAD
- Google SketchUP
- GIS
- Microsoft Office Word
- Microsoft Office Excel
- Microsoft Office Publisher
- Microsoft Office Power Point

Bokamoso 

Qualifications And Experience In The Field Of Environmental Planning And Management (Lizelle Gregory (Member Bokamoso)):

Qualifications:

- Qualified as **Landscape Architect** at UP 1991;
- Qualified as **Professional Landscape Architect in 1997**;
- A Registered Member at The **South African Council for the Landscape Architect Profession (SACLAP)** with Practise Number: **PrLArch97078**;
- A Registered Member at the **International Association for Impact Assessment Practitioners (IAIA)**;
- Qualified as an **Environmental Auditor in July 2008** and also became a Member of the International Environmental Management Association (IEMAS) in 2008.

Working Experience:

- Worked part time at Eco-Consult – 1988-1990;
- Worked part time at **Plan Associates as Landscape Architect in training** – 1990-1991;
- Worked as Landscape Architect at **Environmental Design Partnership (EDP)** from 1992 - 1994
- Practised under **Lizelle Gregory Landscape Architects** from 1994 until 1999;
- Lectured** at Part-Time at **UP** (1999) – Landscape Architecture and **TUT** (1998- 1999)- Environmental Planning and Plant Material Studies;
- Worked as **part time Landscape Architect and Environmental Consultant at Plan Associates** and **managed their environmental division for more than 10 years** – 1993 – 2008 (assisted the **PWV Consortium** with various road planning matters which amongst others included environmental Scans, EIA's, Scoping reports etc.)
- Renamed business as **Bokamoso in 2000** and is the only member of Bokamoso Landscape Architects and Environmental Consultants CC;
- More than 20 years experience in the compilation of Environmental Reports**, which amongst others included the compilation of various **DFA Regulation 31 Scoping Reports**, EIA's for EIA applications in terms of the applicable environmental legislation, Environmental Management Plans, Inputs for Spatial Development Frameworks, DP's, EMF's etc. Also included EIA Application on and adjacent to mining land and slimes dams (i.e. Brahm Fisherville, Doornkop)

Qualifications And Experience In The Field Of Landscape Architecture (Lizelle Gregory (Member Bokamoso)):

Landscape Architecture:

-Compiled landscape and rehabilitation plans for more than 22 years.

The most significant landscaping projects are as follows:

-Designed the Gardens of the Witbank Technicon (a branch of TUT). Also supervised the implementation of the campus gardens (2004);

-Lizelle Gregory was the Landscape Architect responsible for the paving and landscape design at the UNISA Sunnyside Campus and received a Corobrick Golden Award for the paving design at the campus (1998-2004);

-Bokamoso assisted with the design and implementation of a park for the City of Johannesburg in Tembisa (2010);

-The design and implementation of the landscape gardens (indigenous garden) at the new Coca-Cola Valpre Plant (2012-2013);

-Responsible for the rehabilitation and landscaping of Juksei River area at the Norwood Shopping Mall (Johannesburg) (2012-2013);

-Designed and implemented a garden of more than 3,5ha in Randburg (Mc Arthurpark). Bokamoso also seeded the lawn for the project (more than 2,5 ha of lawn successfully seeded) (1999);

-Bokamoso designed and implemented more than 800 townhouse complex gardens and submitted more than 500 Landscape Development Plans to CTMM for approval (1995 – 2013);

-Assisted with Landscape Designs and the Masterplan at Eco-Park (M&T Developments) (2005-2011);

-Bokamoso designed and implemented an indigenous garden at an office park adjacent to the Bronberg. In this garden it was also necessary to establish a special garden for the Juliana Golden Mole. During a recent site visit it was established that the moles are thriving in this garden. Special sandy soils had to be imported and special indigenous plants had to be established in the natural section of the garden.

-Lizelle Gregory also owns her own landscape contracting business. **For the past 20 years she trained more than 40 PDI jobless people (sourced from a church in Mamelodi)** to become landscape contracting workers. All the workers are (on a continuous basis) placed out to work at nurseries and other associated industries;

-Over the past 20 years the Bokamoso team compiled more than 800 landscape development plans and also implemented most of the gardens. Bokamoso also designed and implemented the irrigation for the gardens (in cases where irrigation was required). Lizelle regarded it as important to also obtain practical experience in the field of landscape implementation.