



**APPLICATION FOR ENVIRONMENTAL AUTHORISATION  
in terms of the National Environmental Management Act, 1998  
(Act No. 107 of 1998) and the 2014 NEMA Environmental Impact Assessment Regulations**

**Form Number ALA12/2014**

**December 2014**

(For official use only)	
EIA Reference Number:	
EIA NEAS Reference Number:	
Date Received by Department:	
Date Received by Component:	
Application fee amount:	
Specific Fee Reference Number:	
Application fee paid on:	

**PROJECT TITLE**

Proposed Louw's Bos Public Cemetery and Memorial Park on Louw's Bos Farm No. 29, Stellenbosch Municipality

**PRE-APPLICATION CONSULTATION**

Date of comment provided by the Department prior to submission of the application:	08 March 2019 (comment on pre-application BAR)
Reference number of Departmental comment:	16/3/3/6/7/1/B4/45/1341/18

**Note the following:**

1. The content of the Department's Circular EADP 0028/2014 on the "One Environmental Management System" and the EIA Regulations (dated 9 December 2014) must be taken into account when completing this Application Form.
2. This form must always be used for applications that must be subjected to Basic Assessment or Scoping & Environmental Impact Reporting where this Department is the competent authority.
3. This form is current as of **December 2014**. It is the responsibility of the Applicant / Environmental Assessment Practitioner ("EAP") to ascertain whether subsequent versions of the form have been released by the Department.
4. An **application fee is applicable (refer to note 9 below as well as section 1 on page 3)**.
5. If, in addition to this application, you must also apply for a Waste Management Licence in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) ("the Waste Act") and/or an Atmospheric Emission Licence in terms of the National Environmental: Air Quality Act, 2004 (Act No. 39 of 2004) ("NEM:AQA"), then separate application forms in terms of the applicable legislation must be completed and submitted simultaneously to the relevant licensing authorities, but a single EIA process must be undertaken. Copies of such applications must be attached to this Application Form.
6. The required information 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. The tables may be expanded where necessary.
7. The use of "not applicable" in the form must be done with circumspection. Incomplete applications or applications that do not meet the requirements in terms of Regulation 16 of the 2014 NEMA EIA Regulations must be **resubmitted**.
8. Unless protected by law all information contained in, and attached to this application, will become public information on receipt by the Department. Upon request, the applicant/EAP must provide any interested and affected party with the information contained in or submitted with the application form.
9. An application for environmental authorisation/amendment lapses if the applicant fails to meet any of the timeframes prescribed in terms of the 2014 EIA Regulations. If authorisation is required from a number of different authorities, the authorities might also require that an integrated process be followed. As such, it is recommended that:
  - a) the proponent and EAP approach the Department prior to submission of the application for guidance on the process to be followed – in this regard it must be noted that the Department has developed a **Notice of Intent** form to be submitted to the Department to allow for informed guidance by the Department but also for determination of the application fee and the provision of a specific fee reference number;
  - b) the notice of the intended application for environmental authorisation to potential interested and affected parties in terms of Regulation 41 of the 2014 NEMA EIA Regulations be given prior to submission of the application together with the notice that the draft Basic Assessment Report/Scoping Report is available for a commenting period of at least 30 days;
  - c) if the intention is to also apply for exemption in terms of the National Exemption Regulations, the notice in terms of the intended application for exemption to the potential interested and affected parties in terms of Regulation 41 of the 2014 NEMA EIA Regulations be given prior to submission of the exemption application together with the notice indicated in "b)" above; and
  - d) if the intention is to also apply for exemption in terms of the National Exemption Regulations, the exemption application be submitted either prior to or together with the application for environmental authorisation.
10. This form must be submitted to the Department at the details provided below.

**DEPARTMENTAL DETAILS**

<b>CAPE TOWN OFFICE: REGION 1 (City of Cape Town &amp; West Coast District)</b>	<b>CAPE TOWN OFFICE: REGION 2 (Cape Winelands District &amp; Overberg District)</b>	<b>GEORGE OFFICE: REGION 3 (Central Karoo District &amp; Eden District)</b>
<p>Applications and requests for specific fee reference numbers must be sent to the following details:</p> <p>Department of Environmental Affairs and Development Planning Attention: Directorate: Development Management (Region 1) Private Bag X 9086 Cape Town, 8000</p> <p>Registry Office 1<sup>st</sup> Floor Utilitas Building 1 Dorp Street, Cape Town</p> <p>Queries should be directed to the Directorate: Development Management (Region 1) at: Tel: (021) 483-5829 Fax (021) 483-4372</p>	<p>Applications and requests for specific fee reference numbers must be sent to the following details:</p> <p>Department of Environmental Affairs and Development Planning Attention: Directorate: Development Management (Region 2) Private Bag X 9086 Cape Town, 8000</p> <p>Registry Office 1<sup>st</sup> Floor Utilitas Building 1 Dorp Street, Cape Town</p> <p>Queries should be directed to the Directorate: Development Management (Region 2) at: Tel: (021) 483-5842 Fax (021) 483-3633</p>	<p>Applications and requests for specific fee reference numbers must be sent to the following details:</p> <p>Department of Environmental Affairs and Development Planning Attention: Directorate: Development Management (Region 3) Private Bag X 6509 George, 6530</p> <p>Registry Office 4<sup>th</sup> Floor, York Park Building 93 York Street George</p> <p>Queries should be directed to the Directorate: Development Management (Region 3) at: Tel: (044) 805-8600 Fax (044) 874-2423</p>

View the Department's website at <http://www.westerncape.gov.za/dept/eadp> for the latest version of this document.

## 1. FEES

If the relevant application fee was already confirmed with the Department and a specific fee reference number obtained following the submission of a **Notice of Intent** to the Department, then all that is still required is:

- for the Specific Fee Reference number to be provided:

N/A

- to confirm the fee paid:

R N/A – applicant is municipality

and

- for the proof of payment to be attached to this application form.

If the relevant application fee was not already confirmed with the Department and a specific fee reference number not yet obtained:

- A proponent must pay a fee for the processing of environmental impact assessment applications as set out in the Fee Regulations<sup>1</sup> published in terms of sections 24(5) and 44(1) of the National Environmental Management Act, 1998 (Act No. 107 of 1998). A fee of **R2 000** is applicable to an application which must be subjected to Basic Assessment and an application for amendment of an environmental authorisations, and a fee of **R10 000** is applicable to an application which must be subjected to Scoping and Environmental Impact Reporting.
- **An applicant is excluded from having to pay the application fee if:**
  - The activity is a community based project funded by a government grant; or
  - The applicant is an organ of State.
- Where an applicant is **not required** to pay a fee, the applicant must inform the Department in writing by attaching proof thereof and a motivation to the application form.

### Department of Environmental Affairs and Development Planning banking details:

<b>Bank:</b>	<b>Nedbank</b>
<b>Branch Code:</b>	<b>145209</b>
<b>Account Number:</b>	<b>145 204 5003</b>
<b>Type of Account:</b>	<b>Current Account</b>
<b>Status:</b>	<b>Tax exempted</b>

- **NB: Your specific fee reference number MUST be used as a deposit reference when making a payment.**
- You are required to complete the information in the **Request for a specific fee reference number** form attached to this application form as Appendix 2 and submit the form to the Department as directed. This must be done prior to completing the rest of the application form in order to obtain the specific fee reference number required for the payment of the application fees. Once a specific fee reference number has been obtained from the Department, it must be inserted into the application form and proof of payment attached when the application form is submitted to the Department. An application may not be submitted without the specific fee reference number and proof of payment. The Department will respond to a request for a specific fee reference number in writing.
- If there is uncertainty as to the application process that must be followed (particularly if a **Waste Management Licence** is also required), the Department should be approached for guidance prior to submission of the application.
- In the event that any **refunding of fees paid is required**, the "BAS Entity Maintenance" form must be completed, which can be obtained from the Department. Any refund must first be confirmed with the Department.
- Please refer to the national guideline *Guidance Document on the Fee Regulations* (April 2014), obtainable from <http://www.environment.gov.za/legislation/guidelines> for more information.

<sup>1</sup> Government Notice No. 141 published in Government Gazette No. 37383 on 28 February 2014 refers.

## 2. BACKGROUND INFORMATION

Highlight the Departmental Region in which the application falls	CAPE TOWN OFFICE: REGION 1 (City of Cape Town & West Coast District)	CAPE TOWN OFFICE: REGION 2 (Cape Winelands District & Overberg District)	GEORGE OFFICE: REGION 3 (Central Karoo District & Eden District)
<p><b>Duplicate this section where there is more than one applicant</b></p> <p>Name of applicant: RSA Identity/ Passport Number:</p> <p>Name of contact person for applicant (if other): RSA Identity/ Passport Number:</p> <p>Company/ Trading name (if any): Company Registration Number: Postal address:</p> <p>Telephone: E-mail:</p>	Stellenbosch Municipality		
	N/A		
	Mr. Piet Smit (Manager: Property Management, for Municipal Manager)		
	6012095093083		
	N/A		
	N/A		
	P. O. Box 17, Stellenbosch		
			Postal code: 7599
	(021) 808 8750		Cell: 084 506 5065
	Piet.Smit@stellenbosch.gov.za		Fax: (021) 887 6167
SPECIFIC FEE REFERENCE NUMBER:	N/A – Applicant is a Municipality		
Company of Environmental Assessment Practitioner (EAP):	EnviroAfrica CC		
EAP name:	Vivienne Thomson (or Bernard De Witt)		
Postal address:	P. O. Box 5367, Somerset West		
			Postal code: 7135
Telephone:	(021) 851 1616		Cell: 082 464 2874 / 082 448 9991
E-mail:	vivienne@enviroafrica.co.za / bernard@enviroafrica.co.za		Fax: (086) 512 0154
EAP Qualifications:	<p><u>Vivienne Thomson</u>: BSc, Zoology (UCT); EIA short course (PU), Environmental Law (PU), Advanced Environmental Law (Mandela Institute School of Law, Wits), ISO 14001 Lead Auditors Course (WTH Management and Training), Root Cause Analysis Technique (IRCA), Environmental Performance Measurement Workshop (African Centre for Energy and Environment), Basic Principles of Ecological Rehabilitation and Mine Closure (PU), Member: National Association for Clean Air; South African Coal Ash Association</p> <p><u>Bernard de Witt</u>: BSc Forestry (SU); BA (Hons) Public Administration (Stellenbosch); National Diploma in Parks and Recreation Management; EIA Short course (UCT); ISO 14001 Auditors course (SABS); Member: AIAI-SA</p>		
EAP Registrations/Associations:	A.I.A.I. (S.A.) Membership Number: 219 (Bernard de Witt, Owner, EnviroAfrica)		
Name of landowner:	Stellenbosch Municipality		
Name of contact person for landowner (if other):	Mr. Piet Smit (Manager: Property Management, for Municipal Manager)		
Postal address:	P. O. Box 17, Stellenbosch		
			Postal code: 7599
Telephone:	(021) 808 8750		Cell: 084 506 5065

Name of Person in control of the land:	Stellenbosch Municipality		
Name of contact person for person in control of the land:	Mr. Piet Smit (Manager: Property Management, for Municipal Manager)		
Postal address:	P. O. Box 17, Stellenbosch		
		Postal code: 7599	
Telephone:	(021) 808 8750	Cell: 084 506 5065	
E-mail:	<a href="mailto:Piet.Smit@stellenbosch.gov.za">Piet.Smit@stellenbosch.gov.za</a>	Fax: (021) 887 6167	

**Note:** In instances where there is more than one landowner, please attach a list of landowners, with their contact details, to the back of this form.

Municipality in whose area of jurisdiction the proposed activity will fall:	Stellenbosch Municipality		
Contact person:	Mr. Schalk van der Merwe (Environmental Planner: Stellenbosch Municipality Spatial Planning, Heritage and Environmental Department)/Mr. Piet Smit (Property Manager)		
Postal address:	P. O. Box 17, Stellenbosch		
		Postal code: 7599	
Telephone	(021) 808 8679	Cell: 083 324 0925	
E-mail:	<a href="mailto:Schalk.VanderMerwe@stellenbosch.gov.za">Schalk.VanderMerwe@stellenbosch.gov.za</a>	Fax: (021) 887 6167	

**Note:** In instances where there is more than one Municipality involved, please attach a list of Municipalities, with their respective contact details, to the back of this form.

Property location of all proposed sites:	Louw's Bos Farm No. 502, Stellenbosch Municipality, Western Cape (just off Annandale Road)		
Farm/Erf name(s) & number(s) (including portion) of all proposed sites:	Louw's Bos Farm No. 502, Stellenbosch Municipality, Western Cape		
Property size(s) (m <sup>2</sup> ) of all proposed sites:	4870 000 m <sup>2</sup> (487ha)		
Development footprint size(s) in m <sup>2</sup> :	740 000 m <sup>2</sup> (74ha)		
SG Digit code(s) of all proposed sites:	C06700000000050200000		
Coordinates of all proposed sites: Latitude (S)	33°	59'	59.14"
Longitude (E)	18°	47'	44.48"

**Note:** Coordinates must be provided in degrees, minutes and seconds using the Hartebeesthoek94 WGS84 co-ordinate system. Where numerous properties/sites are involved (e.g. linear activities), you may attach a list of property descriptions and street addresses to this form.

Street address of all proposed sites:	Louw's Bos Farm No. 502, Stellenbosch Municipality, Western Cape (just off Annandale Road)		
Magisterial District or Town:	Stellenbosch Municipal District		
Closest City/Town:	Stellenbosch	Distance	10.5km
Current zoning of all proposed sites:	Agricultural 1		

**Note:** In instances where more than one zoning is applicable, attach a list or map of the properties that indicates their respective zoning to this form.

Is a rezoning application required?	YES ✓	NO
Is a consent use application required?	YES	NO ✓
Locality map:	<p>A locality map must be attached to the application form, as an Appendix. The scale of the locality map must be 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 include the following:</p> <ul style="list-style-type: none"> <li>an accurate indication of the project site position as well as the positions of the alternative sites, if any;</li> </ul>	

	<ul style="list-style-type: none"> <li>road names or numbers of all the major roads as well as the roads that provide access to the site(s)</li> <li>a north arrow;</li> <li>a legend;</li> <li>the prevailing wind direction; and</li> <li>GPS co-ordinates (Indicate the position of the proposed activity with the latitude and longitude at the centre point for each alternative site. The co-ordinates should be in degrees and decimal minutes. The minutes should be to at least three decimal places. The projection that must be used in all cases is the WGS-84 spheroid in a national or local projection).</li> </ul> <p>Refer to Appendix A Attached.</p>
Landowner(s) Consent:	<p>If the applicant is not the owner or person in control of the land on which the activity is proposed to be undertaken, he/she must obtain written consent from all landowners or persons in control of the land (of the site and all alternative sites). This must be attached to this document as Appendix 1.</p> <p><b>Note:</b> The consent of the landowner or person in control of the land is not required for: a) linear activities; b) an activity directly related to prospecting or exploration of a mineral and petroleum resource or extraction and primary processing of a mineral resource; or c) strategic integrated projects ("SIPs") as contemplated in the Infrastructure Development Act, 2014 (Act No. 23 of 2014).</p>
Project Plan (e.g. Gantt chart)	<p>A project schedule must be submitted as an Appendix, and must include milestones for:</p> <ul style="list-style-type: none"> <li>public participation (dates for advertisements, workshops and other meetings, obtaining comment from organs of state including state departments);</li> <li>the commencement of parallel application processes required in terms of other statutes and where relevant, the alignment of these application processes with the EIA process;</li> <li>the submission of the key documents (e.g. Basic Assessment Report, Scoping Reports, EIA Reports and Environmental Management Programmes).</li> </ul> <p><b>Note:</b> All the above dates must take into account the statutory timeframes for authority responses that are stipulated in the 2014 NEMA EIA Regulations. Possible appeals may impact on project timeframes/milestones. Regulation 45 states that "An application in terms of these Regulations lapses, and a competent authority will deem the application as having lapsed, if the applicant fails to meet any of the time-frames prescribed in terms of these Regulations, unless extension has been granted in terms of regulation 3(7)." It is recommended that the Department be approached for guidance on the process to be followed, prior to submitting an application.</p> <p>Refer to Appendix B Attached.</p>

### 3. PROJECT DESCRIPTION

3.1 Is this an application for the Basic Assessment process?	YES ✓	NO
3.2 Is this an application for the Scoping and EIR process?	YES	NO ✓
3.3 Provide a detailed description of the proposed project, its associated infrastructure, and the availability of bulk services. A clear, accurate and comprehensive description will obviate any requests for additional information by the Department.		
<p><b>Project Rationale:</b></p> <p>Public cemeteries in the Stellenbosch Municipal area are nearing maximum occupation. The shortage of suitable land for the development of cemeteries has long been one of the major challenges facing many South African municipalities. It is estimated that most of the existing municipal/public cemeteries in the region have less than 5% of their original capacity left to provide surrounding communities with this important service.</p> <p>Despite the availability of various alternatives, conventional burial and funeral practises are still the most common and preferred, thus, funeral and burial services offered by local municipalities cannot be decontextualised from the cultural and religious customs that communities follow (SALGA, 2016).</p> <p>To address the increasing predicament of a lack of available regional burial space, Stellenbosch Municipality appointed CK Rumboll and Partners to facilitate the identification and various licencing processes required for the establishment of at least two regional cemeteries.</p> <p>In the period from 2015 to end of 2017, utilising, as a starting point, the Cemetery Feasibility Study, Stellenbosch Municipal Area, Consultative Draft 1 Report (2006) as prepared by Dennis Moss</p>		

Partnership (attached as Appendix N to the DBAR accompanying this application), as well as the nine potential sites approved by the Stellenbosch Municipal Council at a February 2015 Council meeting, over fifty potential proposed development sites were identified and investigated. While the 2006 Dennis Moss report indicated that the establishment of a cemetery in the region was feasible and was needed, the urgency of need warranting this proposed development has only increased with time.

In the DBAR accompanying this application, it states that by mid-2017, through a systematic assessment of various criteria as detailed in DBAR Appendices L (*First Report, Final October 2016: Identification and Acquisition of Authorisations and Approvals for the Establishment of One or More Regional Cemeteries for Stellenbosch Municipality*) and M (*Motivation to obtain Stellenbosch Council's endorsement of Region Cemetery Sites in fulfilment of tender B/SM No. 17/16: Acquisition of Authorisations and Approvals for the establishment of one or more regional cemeteries for Stellenbosch Municipality*), five potential sites for the entire Municipal area were identified as best suited for the proposed development of regional public cemeteries and memorial park.

Two sites were identified to address the need for this amenity in the southern region of the Municipal district:

#### **Project Description:**

The Applicant, Stellenbosch Municipality, is the owner of the land proposed for this development. The land, remainder of Louw's Bos Farm RE/502 is currently zoned for Agricultural 1. Both alternatives proposed in this application are located on Louw's Bos Farm RE/502.

Louw's Bos South, the preferred (Alternative 1) site and Louw's Bos North (the proposed alternative 2 site) are strategically positioned since it services the southern region of the Municipal area and will be relatively convenient for local communities to use.

The proposed Louw's Bos public cemetery and memorial park aims to promote a novel concept to that of traditional public cemeteries: The memorial park concept is well suited to Stellenbosch Municipality's desire to keep the region 'green' and promote public amenity areas. The idea is to create a public amenity and landscape feature which enhances and protects biodiversity and environmentally sensitive areas within the site, as well as provides an accessible, aesthetically attractive point through the design and layout of the cemetery. It is proposed that the public park aspect of the cemetery and memorial park

Further, Botes (2018) states in a comparison of biodiversity sensitivity maps that "From an environmental sensitivity view, both sites are considered degraded agricultural land suitable for the proposed development, but Louw's Bos North may potentially impact on an ESA (which should be considered for rehabilitation) and may impact on the Stellenbosch western by-pass road. However, it is important to note that both these features can potentially be incorporated into the Memorial Park layout and with good planning the ESA areas can benefit from the proposed layout by incorporating (and rehabilitating) the wetland and streams as part of the final layout."

Besides allocating areas for traditional burial methods and a remembrance wall or columbarium, a garden of remembrance will be established where the ashes of a loved one may be buried at the foot of a tree or shrub indigenous to the area. The garden of remembrance will follow a landscaped plan and patrons may purchase a tree/plant and plaque to serve as a living memory of their deceased loved one. This also serves as greener approach to the establishment of burial grounds, while promoting an alternate, less land demanding options for burial and/or remembrance and increasing indigenous vegetation landcover.

Several walkways and seating benches within the public cemetery and memorial park will be made available. Some of these seating benches may also fulfil the role of serving as 'sculptures' or 'art feature points' as currently employed at the Stellenbosch taxi rank indicated in Figure 2 below, where (if required) solar panels may be erected for the minimal electricity supply the facility may require. This is in keeping with the green, 'off-grid' nature of the proposed public cemetery and memorial park.

Community or social utilisation of the memorial park other than for burial/remembrance purposes is advocated through the incorporation of a peripheral pathway circumnavigating the inner edge of the public cemetery/memorial park boundary. The potential to incorporate existing cycle routes and a walking/running path into this peripheral pathway, exists.

Discreet educational information boards along the peripheral pathway will help highlight the unique vistas and history of the region (such as of the mountains in the Stellenbosch and Helderberg region, the heritage related to Louw's Bos farm itself such as the Outspan roads and trails that run through the farm).

It is proposed that the memorial park be an area where regions of biodiversity are promoted, (rehabilitated, if required) and conserved as a part of the 'park' aspect of the cemetery/memorial park. In addition, indigenous vegetation reintroduction will be stimulated and encouraged through the landscaping and memorial park and garden of remembrance areas within the proposed development.

The current preferred proposed site is strategically positioned to meet the need of communities in the southern region of Stellenbosch Municipal District and will be relatively convenient for communities to use.

Infrastructural services are detailed in the DBAR accompanying this application, as summarised below:

#### Civil and Electrical Services

In general, a slope of between 2° and 6° is considered ideal for the establishment of a cemetery since it ensures adequate drainage and minimum erosion. Although a maximum slope of 9° may be utilised for cemetery development, terracing will be employed in regions with a slope outside the ideal range since this also provides for interesting landscape and aesthetic pleasing design options.

It is further proposed that the development be off-grid with the potentially small electricity requirement for possible entrance gate lighting, provided by a renewable energy means (e.g. solar panels).

#### Water Management

Storm water drainage will generally be towards Annandale Road and will probably follow the contours of the site. The possibility that stormwater runoff will be captured in retention dams forming landscaped water features on the Annandale Road side of the proposed preferred site, exists. Collected stormwater may even be reused for irrigation on site particularly in the water-wise remembrance garden and memorial park areas (for watering saplings).

Water for domestic use will either be provided/trucked-in by the Local Municipality to on-site water tanks, or supplied from a borehole. The possibility of using groundwater on the proposed



site exists but this option will need to be further investigated and would then trigger an additional water use under the National Water Act, No. 36 of 1998 (NWA).

### Sewage

Sewage during construction will be managed via a portable toilet contract.

Sewage during operation will be managed via an on-site septic-tank toilet/ablution system which may need periodic servicing by the Local Municipality, or by an on-site sewage/effluent treatment package plant.

### Waste Management

The only solid waste anticipated from the activity during construction and operation will be domestic waste which will be removed to the nearest registered Municipal landfill site.

Garden refuse will probably be composted on site for use in memorial park establishment.

### Access

Access to the site will be off Annandale Road. A new access road and/or slip-road will need to be constructed from the existing public road to the development. Access to the proposed development site will be from a dedicated, intersection as per information provided in Appendix G11 (*Final Traffic Study*) of the DBAR accompanying this application.

Access control to the proposed development will most likely be facilitated via fencing/palisade fencing and a lockable gate with a security guard on duty. This also provides a local employment opportunity. The presence of security enhances the memorial park aspect in that it provides a safe environment for persons utilising the peripheral pathways for walking/jogging/cycling.

### Conclusion

Based on the specialist reports in Appendix G of the DBAR accompanying this application, the proposed Louw's Bos Public Cemetery and Memorial Park will provide a much-needed service to the regional community whilst also facilitating the rehabilitation and promotion of indigenous biodiversity on the property. The unique design and landscaping of the public cemetery and memorial park will provide a landscape feature in the area

3.4 Is the activity being applied for:		
3.4.1 a linear activity?	YES	NO ✓
3.4.2 an activity directly related to prospecting or exploration of a mineral and petroleum resource or extraction and primary processing of a mineral resource?	YES	NO ✓
3.4.3 a strategic integrated projects ("SIPs) as contemplated in the Infrastructure Development Act, 2014 (Act No. 23 of 2014)?	YES	NO ✓

## 4. ACTIVITIES APPLIED FOR

All activities listed in GN No. R. 983, GN No. R. 984 and GN No. R. 985 that are associated with the proposed project must be provided below.

Activity No(s):	Provide the relevant <b>Basic Assessment Activity(ies)</b> as set out in <b>Listing Notice 1</b> (GN No. R. 983)	Describe the portion of the proposed project to which the applicable listed activity relates.
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APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF NEMA EIA LISTED ACTIVITIES – December 2014

12	<b>"Development within a watercourse/32m from a watercourse."</b>	Development and Operation/Maintenance
19	The <b>infilling or depositing</b> of any material of more than <b>10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from a watercourse;</b>  (a) will occur behind a development setback;  (b) is for maintenance purposes undertaken in accordance with a maintenance management plan; or  (c) falls within the ambit of activity 21 in this Notice, in which case that activity applies."	Development and Operation/Maintenance
23	<b>"The development of cemeteries of 2500 square metres or more in size."</b>	Development and operational
24	<b>"The development of;</b>  (i) a road for which an environmental authorisation was obtained for the route determination in terms of activity 5 in Government Notice 387 of 2006 or activity 18 in Government Notice 545 of 2010; or  (ii) a road with a reserve wider than 13,5 meters, or where no reserve exists where the road is wider than 8 metres;  but excluding;  (a) roads which are identified and included in activity 27 in Listing Notice 2 of 2014; or  (b) roads where the entire road falls within an urban area."	Development
Activity No(s):	Provide the relevant <b>Basic Assessment Activity(ies)</b> as set out in <b>Listing Notice 3</b> (GN No. R. 985)	Describe the portion of the proposed project to which the applicable listed activity relates.
4	<b>"The development of a road wider than 4 metres with a reserve less than 13.5 metres."</b>	Development and operational
12 (possibly)	<b>"The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan."</b>	Development - to be confirmed after Spring botanical scan (once alien trees cleared from site)

Activity No(s):	Provide the relevant <b>Scoping and EIR Activity(ies)</b> as set out in <b>Listing Notice 2</b> (GN No. R. 984)	Describe the portion of the proposed project to which the applicable listed activity relates.
<b>Note:</b> <ul style="list-style-type: none"> <li>A Scoping and Environmental Impact Reporting (S&amp;EIR) process must be followed for all the activities (NEMA Listed Activities and/or Waste Management Activities) if any of the activities must be subjected to S&amp;EIR.</li> <li>Only those activities listed above shall be considered for authorisation. The onus is on the applicant to ensure that all applicable listed activities are included in the application. Environmental Authorisation must be obtained prior to commencement with each applicable listed activity. If a specific listed activity is not included in an Environmental Authorisation, an application for amendment or a new application for Environmental Authorisation will have to be submitted.</li> </ul>		

## 5. OTHER APPLICATIONS

### 5.1 Application for Exemption

**Note:** An application for Exemption from provisions of NEMA and the EIA Regulations must be submitted on a separate Exemption Application Form. An application for Exemption from a provision of NEM: WA must be made as part of the application for a Waste Management Licence.

Please provide a description (including the relevant NEMA provision or EIA Regulation number(s) for which exemption has been/will be applied for/ granted (Please include the Reference Number if exemption has been granted):
Not Applicable

### 5.2 Applications in terms of the National Environmental Management Act ("NEMA") & specific environmental management Acts ("SEMAs")

Does the proposed project require an application for a waste management license in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008)? <b>Note:</b> Ensure that the correct application fees have been paid (refer to section 1 above).	YES	NO ✓
If yes, has an application been submitted to the licensing authority?	YES	NO ✓
Does the proposed project require an application for a water use license in terms of the National Water Act, 1998 (Act No. 36 of 1998)?	YES ✓	NO
If yes, has an application been submitted to the licensing authority?	YES	NO ✓
Does the proposed project require an application for an atmospheric emissions license in terms of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004)?	YES	NO ✓
If yes, has an application been submitted to the licensing authority?	YES	NO ✓
Does the proposed project require an application in terms of the National Environmental Management: Integrated Coastal Management Act ("NEM: ICMA")?	YES	NO ✓

If yes, has an application been submitted to the relevant competent authority?	YES	NO ✓
If yes, provide more details of the application submitted/to be submitted in terms of the NEM: ICMA:		
Not Applicable		

**Note:** If an environmental authorisation is required in terms of the 2014 NEMA EIA Regulations as well as a Waste Management Licence in terms of the Waste Act, 2008 and/or an Atmospheric Emission Licence in terms of the NEM: AQA, 2004, then separate application forms in terms of the applicable legislation must be completed and submitted simultaneously to the relevant competent authorities for these licences, but a single EIA process must be undertaken.

### 5.3 Heritage Impact Assessment

Please be advised that every application for Environmental Authorisation including an application for a Waste Management Licence, must include, where applicable the investigation, assessment and evaluation of the impact of any proposed listed or specified activity on any national estate referred to in section 3(2) of the National Heritage Resources Act, 1999 (Act No. 25 of 1999), excluding the national estate contemplated in section 3(2)(i)(vi) and (vii) of that Act.

Please further be advised that if section 38 of the National Heritage Resources Act, 1999 (Act No. 25 of 1999) is applicable to your proposed development, then you are requested to submit the Notice of Intent form developed by Heritage Western Cape to Heritage Western Cape and attach a copy to this form. If Heritage Western Cape requires that a Heritage Impact Assessment will be required, the Heritage Impact Assessment must be undertaken as one of the specialist studies of the EIA process to be undertaken in terms of the 2014 NEMA EIA Regulations.

Section 38 of the Act states as follows:

38. (1) Subject to the provisions of subsections (7), (8) and (9), any person who intends to undertake a development categorised as-
- (a) the construction of a road, wall, powerline, pipeline, canal or other similar form of linear development or barrier exceeding 300m in length;
  - (b) the construction of a bridge or similar structure exceeding 50m in length;
  - (c) any development or other activity which will change the character of a site-
    - (i) exceeding 5 000 m<sup>2</sup> in extent; or
    - (ii) involving three or more existing erven or subdivisions thereof; or
    - (iii) involving three or more erven or divisions thereof which have been consolidated within the past five years; or
  - (iv) the costs of which will exceed a sum set in terms of regulations by SAHRA or a provincial heritage resources authority;
  - (d) the re-zoning of a site exceeding 10 000 m<sup>2</sup> in extent; or
  - (e) any other category of development provided for in regulations by SAHRA or a provincial heritage resources authority, must at the very earliest stages of initiating such a development, notify the responsible heritage resources authority and furnish it with details regarding the location, nature and extent of the proposed development.

Does the proposed development constitute the undertaking of any of the categories of development set out in Section 38(1) of the National Heritage Resources Act?	YES ✓	NO
If yes, please explain:		
It was thought that the visual heritage aspect and parts of an historic 'Outspan' trail which runs through the lower parts of the proposed development site would be relevant to the above. The proposed development will conserve, protect and promote this resource.		
An extensive heritage impact assessment study has been undertaken and submissions made to HWC. See DBAR accompanying this application: Appendix G7 (Heritage Impact Assessment including archaeological, paleontological and visual assessments) and G8 (Heritage Screener).		

If the proposed development does constitute the undertaking of any of the categories of development set out in Section 38(1) of the National Heritage Resources Act, has a Notice of Intent been submitted to Heritage Western Cape?	YES ✓	NO
--	-------	----

**Note:** A copy of the Notice of Intent submitted to Heritage Western Cape must be submitted with this form.

Refer to Appendix C attached.

## 5.4 Applications in terms of other legislation

Is any permission, licence or other approval required in terms of any other legislation? (Please tick)	<b>YES</b> ✓	NO
---	--------------	----

If yes, please complete the table below:

Type of approval required (List the applicable legislation & approval required):	Name of the authority responsible for administering the applicable legislation	Application submitted (Yes / No)	Status of application (e.g. pending/ granted/ refused)
National Water Act, No. 38 of 1998WA, Section 21 (c) and (i) application – Water Use Licence	Department of Water and Sanitation	No	To be submitted by freshwater specialist
Stellenbosch Land Use Planning By-law, 2015 - Rezoning	Stellenbosch Municipality	Yes	Pending
National Heritage Resources Act, No 25 of 1999 – Possible Authorisation	Heritage Western Cape (HWC)	Yes	Pending

## 6. PLANNING CONTEXT

Is the activity permitted in terms of the property's existing land use rights?	YES	<b>NO</b> ✓	Please explain
The land, remainder of Louw's Bos Farm No. 502 is currently zoned for Agricultural 1. A rezoning application will be submitted to the Stellenbosch Municipality by Rumboll and Associates (Pty) Ltd, as per Appendix J of the DBAR accompanying this application.			
Will the activity be aligned with the following:			
The Provincial Spatial Development Framework (PSDF)	YES	NO	Please explain
Unknown			
The edge of the built environment for the area			
	<b>YES</b> ✓	NO	Please explain
According to the socio-economic statement attached as Appendix G10 of the DBAR accompanying this application, the proposed site is in a rural setting which is well suited for the development of a cemetery and memorial park. Although the site is zoned Agricultural, the needs of the community for this amenity also need to be taken into account.			
The Integrated Development Plan of the Local Municipality			
	<b>YES</b> ✓	NO	Please explain
The mandate to investigate and pursue the development of a regional cemetery and memorial park was given by Stellenbosch Municipality at several Council meetings since 2015. Municipal endorsement for the proposed development site was obtained in August 2017 (partial minutes attached as Appendix K).			
The Spatial Development Framework of the Local Municipality			
	<b>YES</b> ✓	NO	Please explain
An Environmental Management Framework (EMF)			
	YES	NO	Please explain
Approval of this application would promote the preservation of heritage resources and the conservation of ESA and CBA areas on the site. It also meets the very real need for burial space within the Municipal region – providing the public with a much-needed socio-economic amenity. Therefore, it promotes and is justified in terms of sustainability considerations.			

Any other Plans	YES ✓	NO	Please explain
The removal of alien invasive trees/plantation would be in conjunction with the Municipality's annual operational plan for alien plant removal.			
Are any Amendments of the above-mentioned required?	YES	NO ✓	Please explain.
Will the proposed development lie within coastal public property, the coastal protection zone, or coastal access land as defined in terms of the NEM: ICMA, 2008?	YES	NO ✓	Please explain.

## 7. PUBLIC PARTICIPATION

### 7.1 Public participation process to be followed

The person conducting the public participation process must fulfil the requirements outlined in Chapter 6 of the 2014 NEMA EIA Regulations and must take into account any applicable guidelines published in terms of Section 24J of NEMA, the Department's Circular EADP 0028/2014 on the "One Environmental Management System" and the EIA Regulations (dated 9 December 2014) as well as any other guidance provided by the Department. Note that the public participation requirements are applicable to all proposed sites.

Please highlight the appropriate box below to indicate the public participation process that has been or will be undertaken to give notice of the application to all potential interested and affected parties, including exemptions that have been/will be applied for:

1. In terms of regulation 41 of the EIA Regulations, 2014 -			
(a) fixing a notice board at a place conspicuous to and accessible by the public at the boundary, on the fence or along the corridor of -			
(i) the site where the activity to which the application relates is or is to be undertaken; and	YES	EXEMPTION	
(ii) any alternative site	YES	EXEMPTION	
(b) giving written notice, in any manner provided for in section 47D of the NEMA, to -			
(i) the occupiers of the site and, if the applicant is not the owner or person in control of the site on which the activity is to be undertaken, the owner or person in control of the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken;	YES	EXEMPTION	N/A
(ii) owners, persons in control of, and occupiers of land adjacent to the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken;	YES	EXEMPTION	
(iii) the municipal councillor of the ward in which the site or alternative site is situated and any organisation of ratepayers that represent the community in the area;	YES	EXEMPTION	
(iv) the municipality (Local and District Municipality) which has jurisdiction in the area;	YES	EXEMPTION	
(v) any organ of state having jurisdiction in respect of any aspect of the activity; and	YES	EXEMPTION	
(vi) any other party as required by the Department;	YES	EXEMPTION	N/A
(c) placing an advertisement in -			
(i) one local newspaper; or	YES	EXEMPTION	
(ii) any official Gazette that is published specifically for the purpose of providing public notice of applications or other submissions made in terms of these Regulations;	YES	EXEMPTION	N/A
(d) placing an advertisement in at least one provincial newspaper or national newspaper, if the activity has or may have an impact that extends beyond the boundaries of the metropolitan or district municipality in which it is or will be undertaken	YES	EXEMPTION	N/A
(e) using reasonable alternative methods, as agreed to by the Department, in those instances where a person is desirous of but unable to participate in the process due to— (i) illiteracy; (ii) disability; or (iii) any other disadvantage.	YES	EXEMPTION	N/A
If you have indicated that "EXEMPTION" applies to any of the above, then a separate Application for Exemption must be submitted.			
2. The NEM: AQA and NEM:WA requires that a notice must be placed in at least two newspapers.			

If applicable, have/will an advertisement be placed in at least two newspapers?	YES	NO <b>N/A</b>
If "NO", then an application for exemption from the requirement must be applied for.		

**Note:** It is no longer possible to obtain permission to deviate from the requirements to give notice to potential interested and affected parties. Unless exemption has been granted from a particular requirement, the requirement must be met. If an application for exemption is refused, the requirement in question must be met.

### 7.2 Public participation undertaken prior to the submission of the application

Where public participation in terms of Regulations 40(3) and 41 was undertaken prior to submission of this application, please provide a summary of the steps followed to date.
Two voluntary pre-application rounds of public participation to register I&APs and log queries and concerns were undertaken. Guideline NEMA documents were consulted and adhered to. Refer to Appendices E1 to E5 and F1 to F3 of the DBAR accompanying this application for proof of public participation process followed.

### 7.3 List of State departments consulted/to be consulted

Provide a list of all the State departments that will be/have been consulted, including the name and contact details of the relevant official.
Refer to I&AP Lists attached as Appendix H of the DBAR accompanying this application.

**Note:** A State department consulted in terms of Section 24O(2) of NEMA and Regulations 3(4) and 43(2) must within 30 days from the date of the Department's request for comment, submit such comment in writing to the Department. The applicant/EAP is therefore required to inform this Department in writing when the Basic Assessment Report / Scoping Report / Environmental Impact Assessment Report is submitted to the relevant State Departments. Upon receipt of this confirmation, this Department will in accordance with Section 24O (2) & (3) of the NEMA (as amended), inform the relevant State Departments of the commencement date of the 30 day commenting period.



## 8. DECLARATIONS

### 8.1 THE APPLICANT

**Note:** Duplicate this section where there is more than one applicant. 4

*Parvinder Kaur* in my ~~personal capacity~~ or duly authorized thereto hereby declare/affirm all the information submitted or to be submitted as part of the application is true and correct, and that I:

- am fully aware of my responsibilities in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA"), the Environmental Impact Assessment Regulations ("EIA Regulations") in terms of NEMA (Government Notice No. R. 982 refers) and any relevant specific environmental management act and that failure to comply with these requirements may constitute an offence in terms of relevant environmental legislation;
- appointed the environmental assessment practitioner, where applicable, which meets all the requirements in terms of regulation 13 of GN No. R 982 to act as independent environmental assessment practitioner for this application;
- will provide the environmental assessment practitioner and specialist, where applicable, 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 NEMA EIA Regulations, 2014 and other environmental legislation 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 applicable management and mitigation measures;
- am responsible for complying with conditions that may be attached to any decision(s) issued by the competent authority;
- will ensure that the environmental assessment practitioner is competent to comply with the requirements of NEMA EIA Regulations, 2014 other environmental legislation;
- 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 for which the applicant or environmental assessment practitioner is responsible in terms of the NEMA EIA Regulations, 2014 and any specific environmental management act; and
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to an appeal being decided in terms of the NEMA Regulations, 2014.

**Note:** If acting in a representative capacity, a certified copy of the resolution or power of attorney must be attached.

Signature of the applicant:

Name of company:

Date:

*Stellenbosch Municipality*  
*20 JUNE 2019*

## 8.2 THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP)

I VIVIENNE THOMPSON, as the appointed environmental assessment practitioner ("EAP") hereby declare/affirm the correctness of the information provided or to be provided as part of the application, and that I:

- in terms of the general requirement to be independent:
  - other than fair remuneration for work performed/to be performed in terms of this application, have no business, financial, personal or other interest in the activity or application and that there are no circumstances that may compromise my objectivity; or
  - am not independent, but another EAP that meets the general requirements set out in Regulation 13 have been appointed to review my work (Note: a declaration by the review EAP must be submitted);
- in terms of the remainder of the general requirements for an EAP, am fully aware of and meet all of the requirements and that failure to comply with any the requirements may result in disqualification;
- have disclosed/will disclose, to the applicant, the specialist (if any), the Department and interested and affected parties, all material information that have or may have the potential to influence the decision of the Department or the objectivity of any report, plan or document prepared or to be prepared as part of the application;
- have ensured/will ensure that information containing all relevant facts in respect of the application was/will be distributed or was/will be made available to interested and affected parties and the public and that participation by interested and affected parties was/will be facilitated in such a manner that all interested and affected parties were/will be provided with a reasonable opportunity to participate and to provide comments;
- have ensured/will ensure that the comments of all interested and affected parties were/will be considered, recorded and submitted to the Department in respect of the application;
- have ensured/will ensure the inclusion of inputs and recommendations from the specialist reports in respect of the application, where relevant;
- have kept/will keep a register of all interested and affected parties that participate/d in the public participation process; and
- am aware that a false declaration is an offence in terms of regulation 48 of the 2014 NEMA EIA Regulations.

**Note:** The terms of reference of the EAP must be attached.

  
\_\_\_\_\_  
Signature of the environmental assessment practitioner:

ENVIRO AFRICA CC  
\_\_\_\_\_  
Name of company:

20 June 2019  
\_\_\_\_\_  
Date:

**8.3 THE REVIEW ENVIRONMENTAL ASSESSMENT PRACTITIONER (REAP)**

*N/A*

I ....., as the appointed review environmental assessment practitioner ("REAP") hereby declare/affirm the correctness of the information provided or to be provided as part of the application, and that I:

- in terms of the general requirement to be independent, other than fair remuneration for work performed/to be performed in terms of this application, have no business, financial, personal or other interest in the activity or application and that there are no circumstances that may compromise my objectivity;
- in terms of the remainder of the general requirements for an EAP, am fully aware of and meet all of the requirements and that failure to comply with any the requirements may result in disqualification;
- have reviewed/will review all the work undertaken by the EAP;
- have disclosed/will disclose, to the applicant, the EAP, the specialist (if any), the Department and interested and affected parties, all material information that have or may have the potential to influence the decision of the Department or the objectivity of any report, plan or document prepared or to be prepared as part of the application; and
- am aware that a false declaration is an offence in terms of regulation 48 of the 2014 NEMA EIA Regulations.

**Note:** The terms of reference of the review EAP must be attached.

---

Signature of the review environmental assessment practitioner:

---

Name of company:

---

Date:

**8.4 THE SPECIALIST**

*SEE APPENDIX IN OBAR ACCOMPANYING APPLICATION*

**Note:** Duplicate this section where there is more than one specialist.

I ....., as the appointed specialist hereby declare/affirm the correctness of the information provided or to be provided as part of the application, and that I:

- in terms of the general requirement to be independent:
  - other than fair remuneration for work performed/to be performed in terms of this application, have no business, financial, personal or other interest in the activity or application and that there are no circumstances that may compromise my objectivity; or
  - am not independent, but another specialist that meets the general requirements set out in Regulation 13 have been appointed to review my work (Note: a declaration by the review specialist must be submitted);
- in terms of the remainder of the general requirements for a specialist, am fully aware of and meet all of the requirements and that failure to comply with any the requirements may result in disqualification;
- have disclosed/will disclose, to the applicant, the Department and interested and affected parties, all material information that have or may have the potential to influence the decision of the Department or the objectivity of any report, plan or document prepared or to be prepared as part of the application;
- have ensured/will ensure that information containing all relevant facts in respect of the application was/will be distributed or was/will be made available to interested and affected parties and the public and that participation by interested and affected parties was/will be facilitated in such a manner that all interested and affected parties were/will be provided with a reasonable opportunity to participate and to provide comments;
- have ensured/will ensure that the comments of all interested and affected parties were/will be considered, recorded and submitted to the Department in respect of the application;
- have ensured/will ensure the inclusion of inputs and recommendations from the specialist reports in respect of the application, where relevant;
- have kept/will keep a register of all interested and affected parties that participate/d in the public participation process; and
- am aware that a false declaration is an offence in terms of regulation 48 of the 2014 NEMA EIA Regulations.

**Note:** The terms of reference of the review specialist must be attached.

\_\_\_\_\_  
Signature of the specialist:

\_\_\_\_\_  
Name of company:

\_\_\_\_\_  
Date:

**8.5 THE REVIEW SPECIALIST**

N/A

I ....., as the appointed review specialist hereby declare/affirm the correctness of the information provided or to be provided as part of the application, and that I:

- in terms of the general requirement to be independent, other than fair remuneration for work performed/to be performed in terms of this application, have no business, financial, personal or other interest in the activity or application and that there are no circumstances that may compromise my objectivity;
- in terms of the remainder of the general requirements for a specialist, am fully aware of and meet all of the requirements and that failure to comply with any the requirements may result in disqualification;
- have reviewed/will review all the work undertaken by the specialist;
- have disclosed/will disclose, to the applicant, the EAP, the specialist (if any), the Department and interested and affected parties, all material information that have or may have the potential to influence the decision of the Department or the objectivity of any report, plan or document prepared or to be prepared as part of the application; and
- am aware that a false declaration is an offence in terms of regulation 48 of the 2014 NEMA EIA Regulations.

**Note:** The terms of reference of the review specialist must be attached.

\_\_\_\_\_  
Signature of the review specialist:

\_\_\_\_\_  
Name of company:

\_\_\_\_\_  
Date:

## Appendix A – Locality maps

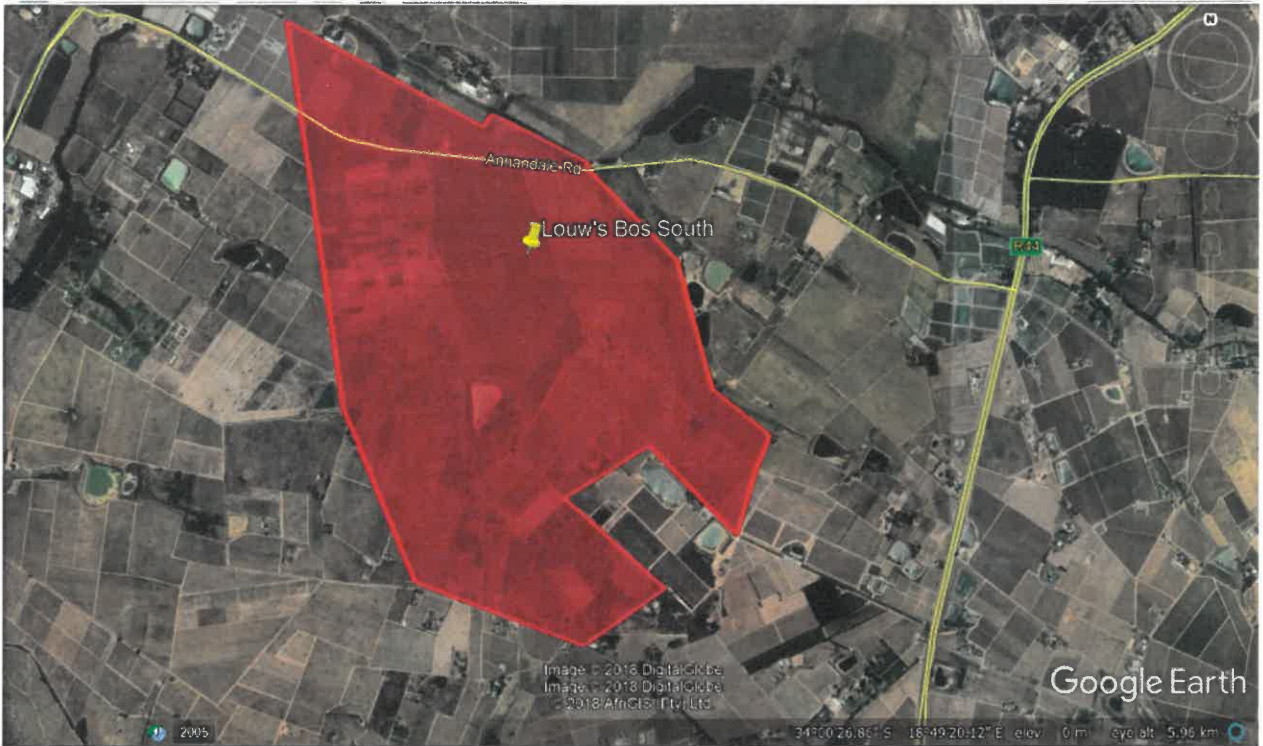
### Alternative 1 (Preferred Site):



**Figure 1:** Location of region for preferred alternative of proposed Louw's Bos Public Cemetery and Memorial Park in southern region of Stellenbosch District Municipality (indicated in red).



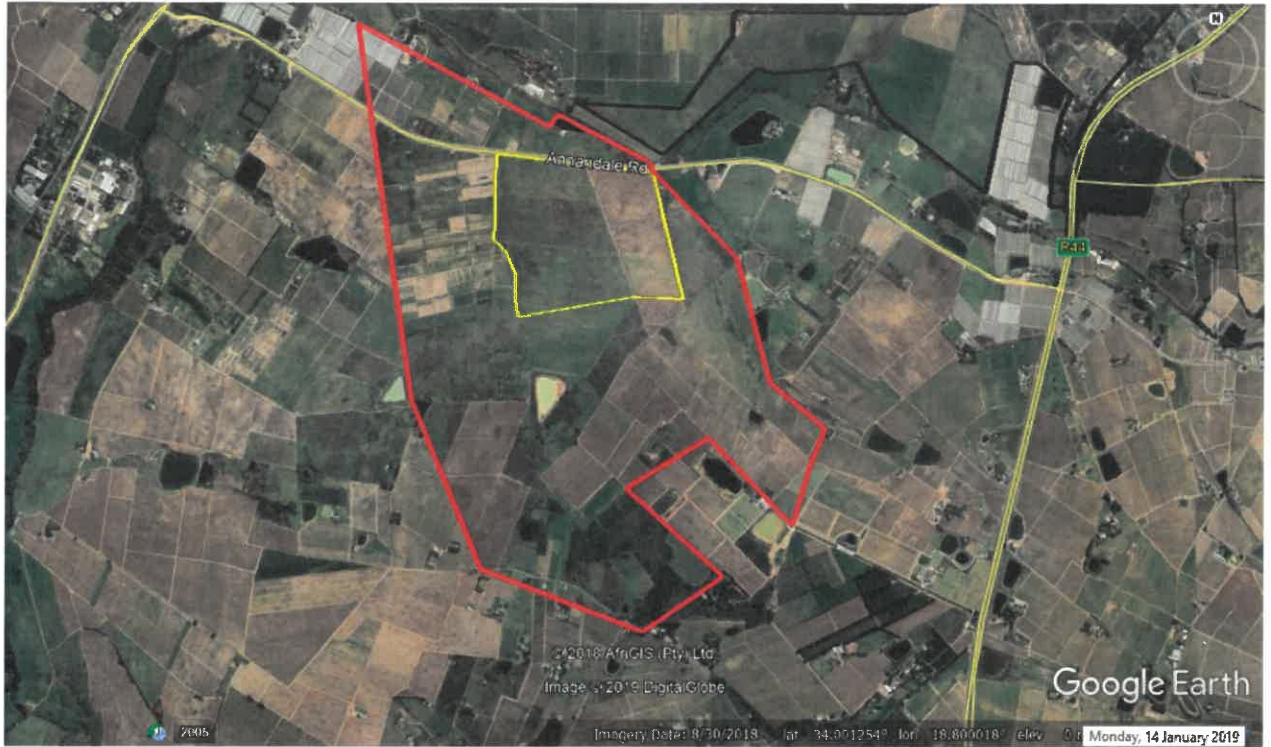
**Figure 2:** Municipal land available for the preferred location of the proposed Louw's Bos Public Cemetery and Memorial Park in the southern region of Stellenbosch District Municipality relative to regional roads.



**Figure 3:** Location of total 487ha area of remainder of Farm Louw's Bos No. 502 on which the preferred alternative site for Louw's Bos Public Cemetery and Memorial Park, is proposed.



**Figure 4:** Location of smaller 74ha site (outlined in yellow) lying south of Annandale Road, within total 487ha area of remainder of Farm Louw's Bos No. 502 (outlined in red). Within the 74ha site, the actual cemetery occupies a footprint of approximately 34.53ha made up of 19.97ha for traditional graves; 11.79ha for an informal zone with lawn graves, trees as headstones (for ashes/family ash interment) and future cemetery expansion; 1.38ha as a defined zone; 0.75ha for the columbarium zone and 0.64ha for the memorial park centre.



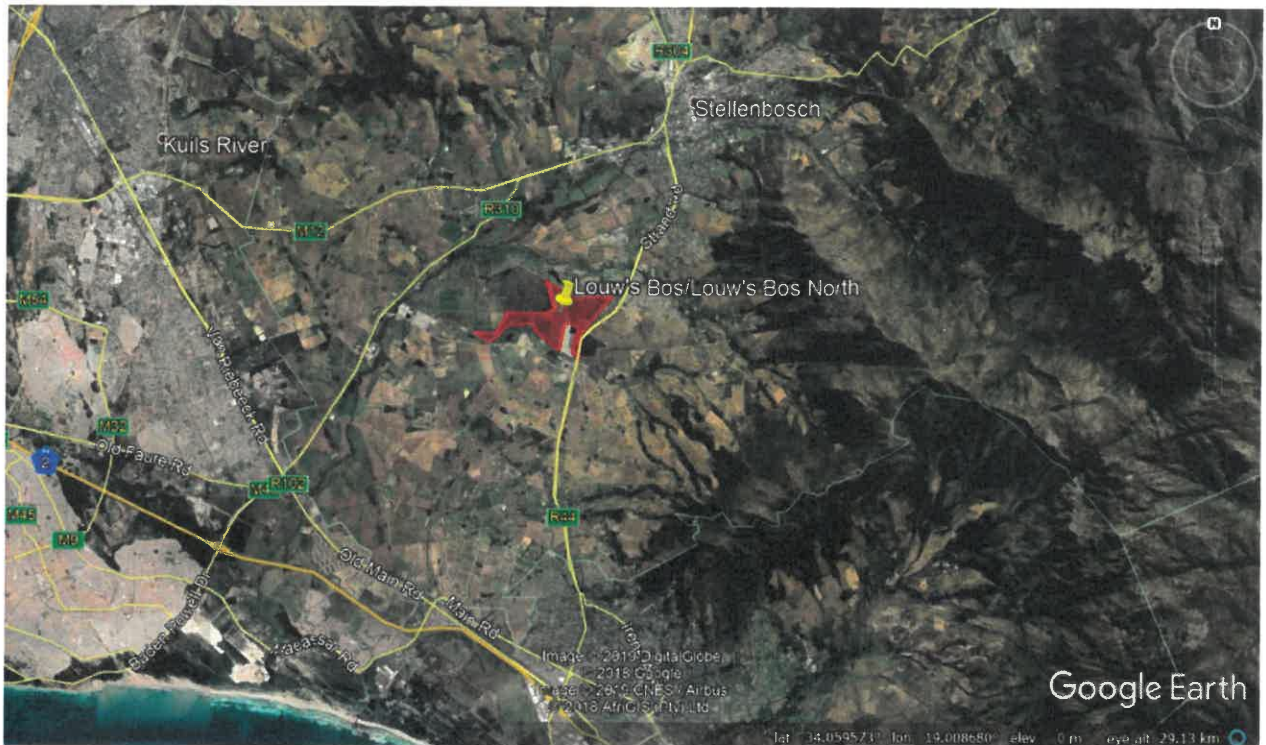
**Figure 5:** Location of smaller 74ha site (outlined in yellow) within total 487ha area (outlined in red) of remainder of Farm Louw's Bos No. 502, where the preferred alternative for the proposed Louw's Bos Public Cemetery and Memorial Park development layout footprint/s will be located.



**Figure 6:** Location of smaller 74ha site (outlined in yellow) showing existing accessibility from Annandale Road onto dirt roads. Boundary of total remainder of Farm Louw's Bos No. 502/Louw's Bos South site, indicated in red.



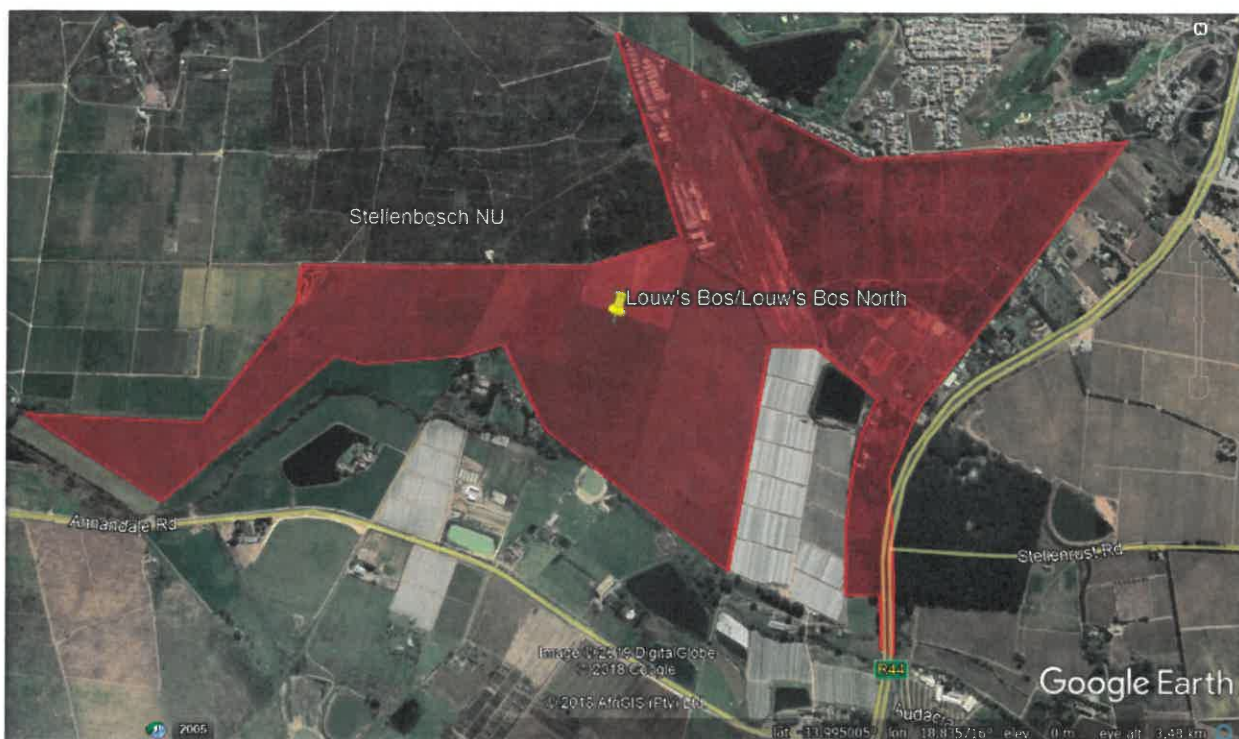
## Alternative 2:



**Figure 1:** Alternate land available (indicated in red) for proposed alternative 2 (i.e. Louw's Bos North) for location of Louw's Bos Public Cemetery and Memorial Park in southern region of Stellenbosch District Municipality.



**Figure 2:** Municipal land (indicated in red) where the proposed alternative Louw's Bos/Louw's Bos North Public Cemetery and Memorial Park in the southern region of Stellenbosch District Municipality, could be located.



**Figure 3:** Location of total 240ha site of remainder of Farm Louw's Bos No. 502 on which the alternative site for Louw's Bos Public Cemetery and Memorial Park is proposed, lying north of Annandale Road.



**Figure 4:** Location of smaller 88ha site (outlined in orange) on the southern and south-western areas within total 240ha area of remainder of Farm Louw's Bos No. 502 (outlined in red), indicating potential for accessibility from Annandale road. Specific development footprint divisions/zones within the 88ha site have not been determined as yet but will be similar to the footprints proposed for Alternative 1.



**Figure 5:** Location of smaller 88ha site (outlined in orange) on the southern and south-western areas within remainder of Farm Louw's Bos No. 502 (outlined in red), where the preferred alternative for the proposed Louw's Bos Public Cemetery and Memorial Park development layout footprint/s will be located.



**Figure 6:** Location of smaller 88ha site (outlined in orange) showing existing accessibility from Annandale Road on dirt roads. Boundary of total remainder of Farm Louw's Bos No. 502/Louw's Bos North site, indicated in red.



**Ilifa leMveli leNtshona Koloni**  
**Erfenis Wes-Kaap**  
**Heritage Western Cape**

**NOTIFICATION**  
**OF**  
**INTENT**  
**TO**  
**DEVELOP**

Completion of this form is required by Heritage Western Cape for the initiation of all impact assessment processes under Section 38(1) & (8) of the National Heritage Resources Act.

Whilst it is not a requirement, it may expedite processes and in particular avoid calls for additional information if certain of the information required in this form is provided by a heritage specialist/s with the necessary qualifications, skills and experience.

**A. BASIC DETAILS**

**PROPERTY DETAILS:**

Name of property: Louw's Bos	
Street address or location (eg: off R44): Annandale Road (to the south), Stellenbosch	
Erf or farm number/s: R502, Stellenbosch	Coordinates: 33°59'41.60"S 18°48'36.19"E (A logical centre point. Format based on WGS84.)
Town or District: Stellenbosch	Responsible Municipality: Stellenbosch
Extent of property: 487 hectares	Current use: Agriculture & Vineyards
Predominant land use/s of surrounding properties: Vineyards and agriculture	

**REGISTERED OWNER OF PROPERTY:**

Name Municipality of Stellenbosch: c/o Piet Smit, Property Management for Municipal Manager		
Address PO Box 17, Stellenbosch 7599		
Telephone 021-808-8750	Cell 084-506-5065	E-mail piet.smit@stellenbosch.gov.za

By the submission of this form and all material submitted in support of this notification (ie: 'the material'), all applicant parties acknowledge that they are aware that the material and/or parts thereof will be put to the following uses and consent to such use being made: filing as a public record; presentations to committees, etc; inclusion in databases; inclusion on and downloading from websites; distribution to committee members and other stakeholders and any other use required in terms of powers, functions, duties and responsibilities allocated to Heritage Western Cape under the terms of the National Heritage Resources Act. Should restrictions on such use apply or if it is not possible to copy or lift information from any part of the digital version of the material, the material will be returned unprocessed.

I confirm that I enclose with this form four hardcopies of all material submitted together with a CD ROM containing digital versions of all of the same.

Signature of owner or authorised agent  
(Agents must attach copy of power of attorney to this form.)

Date 28 / January / 2019

**DEVELOPMENT DETAILS:**

Please indicate below which of the following Sections of the National Heritage Resources Act, or other legislation has triggered the need for notification of intent to develop.	
<input type="checkbox"/> S38(1)(a) Construction of a road, wall, powerline, pipeline, canal or other similar form of linear development or barrier over 300m in length.	<b>S38(1)(c) Any development or activity that will change the character of a site -</b> <input checked="" type="checkbox"/> (i) exceeding 5 000m <sup>2</sup> in extent; <input type="checkbox"/> (ii) involving three or more existing erven or subdivisions thereof; <input type="checkbox"/> (iii) involving three or more erven or divisions thereof which have been consolidated within the past five years. If you have checked any of the three boxes above, describe how the proposed development will change the character of the site: Conversion of farmlands and old vineyards to landscape cemetery and memorial park.
<input type="checkbox"/> S38(1)(b) Construction of a bridge or similar structure exceeding 50m in length.	
<input checked="" type="checkbox"/> S38(1)(d) Rezoning of a site exceeding 10 000m <sup>2</sup> in extent.	
<input checked="" type="checkbox"/> Other triggers, eg: in terms of other legislation, (ie: National Environment Management Act, etc.) Please set out details: NEMA Listing Regs 23 cemeteries 2,500 sqm and over; 27 clearance of less than 20 hectares indigenous vegetation, etc (see PPP notice attached)	
If an impact assessment process has also been / will be initiated in terms of other legislation please provide the following information:  Authority / government department (ie: consenting authority) to which information has been /will be submitted for final decision:  Present phase at which the process with that authority stands:	
Provide a <u>full</u> description of the nature and extent of the proposed development or activity including its potential impacts (eg: changes in land use, envisaged timeframes, provision of additional bulk services, excavations, landscaping, total floor area, height of development, etc. etc.): Construction of a municipal cemetery for the area to cover 74 hectares of the 487 hectare site. Cemetery will include burial plots, road network, landscaping, chapel, etc (see SDP).	

**B. HERITAGE RESOURCES AND IMPACTS THEREUPON**

Section 3 of the National Heritage Resources Act sets out the following categories of heritage resource as forming part of the national estate. Please indicate the known presence of any of these by checking the box alongside and then providing a description of each occurrence, including nature, location, size, type

Failure to provide sufficient detail or to anticipate the likely presence of heritage resources on the site may lead to a request for more detailed specialist information.

(The assistance of relevant heritage professionals is particularly relevant in completing this section.)

Provide a short history of the site and its environs (Include sources where available): The site was Crown Land and formed part of the extensive Stellenbosch Commonage in the nineteenth century, being leased out to farmers since the twentieth century including vegetable and fruit farming, vineyards and

grazing.	
Please indicate which heritage resources exist on the site and in its environs, describe them and indicate the nature of any impact upon them:	
<input checked="" type="checkbox"/>	<p><b>Places, buildings, structures and equipment of cultural significance</b></p> <p>Description of resource: The Stellenbosch Heritage Inventory (2018) ranked the Landscape Unit as Grade IIIb lying on a portion of Grade IIIa Scenic Route on Annandale Road. It is surrounded by significant heritage sites, notably, Mon Villa (Eureka) IIIb, Soverby IIIc, Groot Zalze II. Spier lies to the NW and numerous vineyards to the west.</p> <p>Description of impact on heritage resource: The proposed 30 hectare cemetery will be sited next to Annandale Road in a visible location but will only take up 15.2% of the overall 487 hectare farm. 2 alternative sites have been considered on either side of Annandale Road.</p>
<input checked="" type="checkbox"/>	<p><b>Places to which oral traditions are attached or which are associated with living heritage</b></p> <p>Description of resource: The old Commonage has a long history as open space, grazing and farming in the area with the local community and is probably enjoyed as open space by the wider community of Stellenbosch.</p> <p>Description of impact on heritage resource: The development of a cemetery here will be consistent with open space concepts and still allow public access albeit with the loss of some farming land and association.</p>
<input type="checkbox"/>	<p><b>Historical settlements and townscapes</b></p> <p>Description of resource:</p> <p>Description of impact on heritage resource:</p>
<input checked="" type="checkbox"/>	<p><b>Landscapes and natural features of cultural significance</b></p> <p>Description of resource: The old Commonage is a significant open space on the SW of Stellenbosch and surrounded on its periphery by some significant wine farms and historic properties. The area forms part of the Stellenbosch Winelands albeit a farmed/fallow open space. It was ranked as IIIb in the Stellenbosch Heritage Inventory (2018) lying in the Annandale Road and Central Commonage Landscape Units.</p> <p>Description of impact on heritage resource: Potentially positive as landscape has been integrated into the proposal by OvP in their Concept Plan (2018). The land is currently rather degraded being old farmland.</p>
<input type="checkbox"/>	<p><b>Geological resources of scientific or cultural importance</b></p> <p>Description of resource:</p> <p>Description of impact on heritage resource:</p>
<input checked="" type="checkbox"/>	<p><b>Archaeological resources</b> (Including archaeological sites and material, rock art, battlefields &amp; wrecks):</p> <p>Description of resource: Grade IIIc ESA remains were found by Jonathan Kaplan.</p> <p>Description of impact on heritage resource: Considered to be Low.</p>
<input type="checkbox"/>	<p><b>Palaeontological resources</b> (ie: fossils):</p> <p>Description of resource: None found by Palaeontologist J Almond.</p> <p>Description of impact on heritage resource: None.</p>
<input type="checkbox"/>	<p><b>Graves and burial grounds</b> (eg: ancestral graves, graves of victims of conflict, historical graves &amp; cemeteries):</p> <p>Description of Resource:</p> <p>Description of Impact on Heritage Resource:</p>
<input type="checkbox"/>	<p><b>Other human remains:</b></p> <p>Description of resource:</p> <p>Description of impact on heritage resource:</p>

<input type="checkbox"/>	<b>Sites of significance relating to the history of slavery in South Africa:</b> Description of resource: Description of impact on heritage resource:
<input checked="" type="checkbox"/>	<b>Other heritage resources:</b> Description of resource: An old Outspan trail runs on the boundary of the property at various points. Description of impact on heritage resource: Low but could be positive if celebrated.

Describe elements in the environs of the site that could be deemed to be heritage resources: There are numerous vineyards, farms and historic properties along Annandale Road and around the site, not to mention scenic Annandale Road itself which is well associated with the local Wine Route and Strawberry Farms. The old Outspan road/trail network is a possible forgotten heritage resource that could be revived by a heritage trail celebrating the old Outspans and Trails of the SW Cape.

Description of impacts on heritage resources in the environs of the site: There are no major cemeteries in the immediate area so this would be a new type of development that could be considered intrusive on the Winelands environment although no significant properties are directly affected. Outspan Trails pass through public property on R502, Stellenbosch but may connect through on private property elsewhere. Overall this could be positive as part of Stellenbosch and Cape Town heritage tourism.

Summary of anticipated impacts on heritage resources: The AIA uncovered some ESA remains ranked as IIIc but no Palaeontological remains were uncovered.

**ILLUSTRATIVE MATERIAL** (This form will not be processed unless the following are included):

Attach to this form a minimum A4 sized locality plan showing the boundaries of the area affected by the proposed development, its environs, property boundaries and a scale. The plan must be of a scale and size that is appropriate to creating a clear understanding of the development.
Attach also other relevant graphic material such as maps, site plans, satellite photographs and photographs of the site and the heritage resources on it and in its environs. These are essential to the processing of this notification.
Please provide all graphic material on paper of appropriate size and on CD ROM in JPEG format. It is essential that graphic material be annotated via titles on the photographs, map names and numbers, names of files and/or provision of a numbered list describing what is visible in each image.

<b>C. RECOMMENDATION</b>
In your opinion do you believe that a heritage impact assessment is required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Recommendation made by: Name Bruce Eitzen; also recommended in CTS Scanner (2018). Capacity Heritage Consultant
<b>PLEASE NOTE:</b> No Heritage Impact Assessment should be submitted with this form or conducted until Heritage Western Cape has expressed its opinion on the need for such and the nature thereof.

**D. INFORMATION TO BE PROVIDED AND STUDIES TO BE CONDUCTED AS PART OF THE HERITAGE IMPACT ASSESSMENT (HIA)**

If it is recommended that an HIA is required please complete this section of the form.

**DETAILS OF HERITAGE PRACTITIONERS AND SPECIALISTS INTENDING TO CONDUCT THE HIA:**

1.	<p>Name of individual: Bruce Eitzen Name of Practice: New World Associates, Landscape Architects (NWA) Area of specialisation: General and Landscape Heritage and VIA</p> <p>Qualifications: ML (Landscape Architecture &amp; Environmental Planning), BSc (Botany)</p> <p>Experience: 30 years</p> <p>Standing in heritage resource management: Member APHP, SACLAP, ILASA</p> <p>E-mail Address: newworld@telkomsa.net Telephone: 021-782-8890 Cell: 082-222-2113</p>
2.	<p>Name of individual: Jonathan Kaplan Name of Practice: Agency for Cultural Resource Management (ACRM) Area of specialisation: Archaeology</p> <p>Qualifications: MA (Archaeology), BA (Archaeology)</p> <p>Experience: 26 years</p> <p>Standing in heritage resource management: ASAPA</p> <p>E-mail Address: acrm@wcaccess.co.za Telephone: 021-685-7589 Cell: 082-321-0172</p>
3.	<p>Name of individual: John Almond Name of Practice: Natura Viva cc Area of specialisation: Palaeontology</p> <p>Qualifications: PhD (Palaeontology), BSc (Hons) (Zoology)</p> <p>Experience: 16 years</p> <p>Standing in heritage resource management: APM Committee, Member PSSA and APHP</p> <p>E-mail Address: naturaviva@universe.co.za Telephone: 021-462-3622 Cell:</p>
4.	<p>Name of individual: Ute Seemann Name of Practice: Consultant Archaeologist Area of specialisation: Archaeology and Property History</p> <p>Qualifications: PhD (Archaeology), MA (Archaeology), BSc (Hons) Archaeology, BSc (Archaeology &amp; Chemistry), Chemical Engineering Diploma</p> <p>Experience: 40 years</p> <p>Standing in heritage resource management: ASAPA, HWC Registration</p> <p>E-mail Address: useemann@telkomsa.net Telephone: 021-786-3656 Cell: 073-163-2754</p>
5.	<p>Name of individual:                      Name of Practice:                      Area of specialisation:</p> <p>Qualifications:</p> <p>Experience:</p> <p>Standing in heritage resource management:</p> <p>E-mail Address:                      Telephone:                      Cell:</p>



If this submission is made in terms of Section 38(8) of the National Heritage Resources Act indicate below the particulars of the principle environmental consultant on the project.

Name of individual:                      Name of Practice:                      Area of specialisation:

E-mail Address:                      Telephone:                      Cell:

Postal Address:

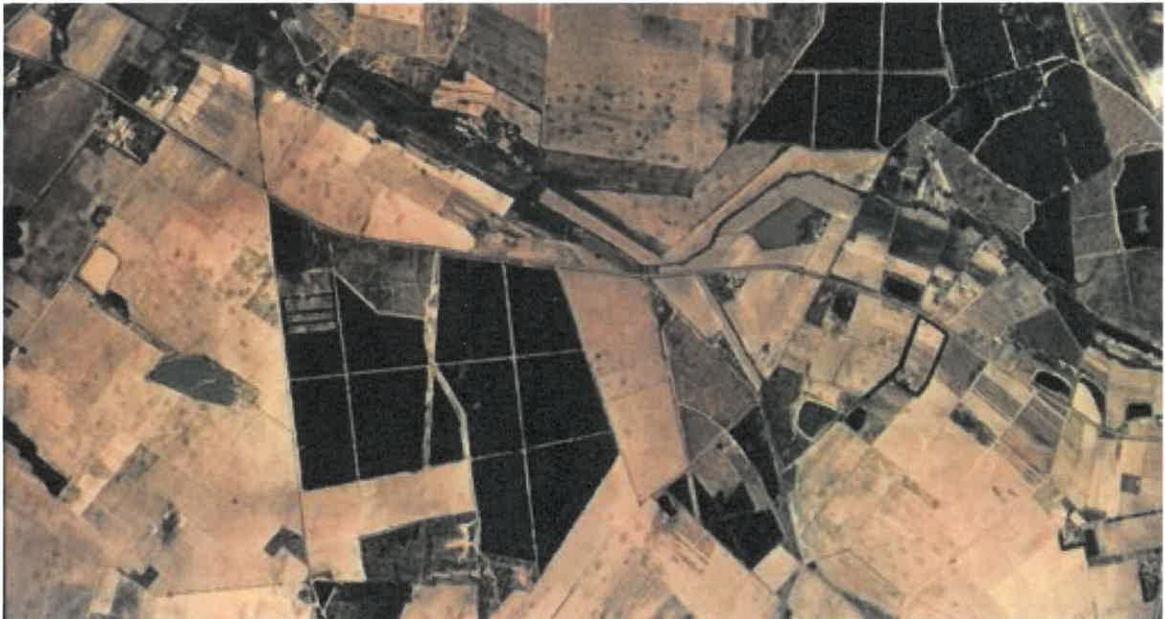
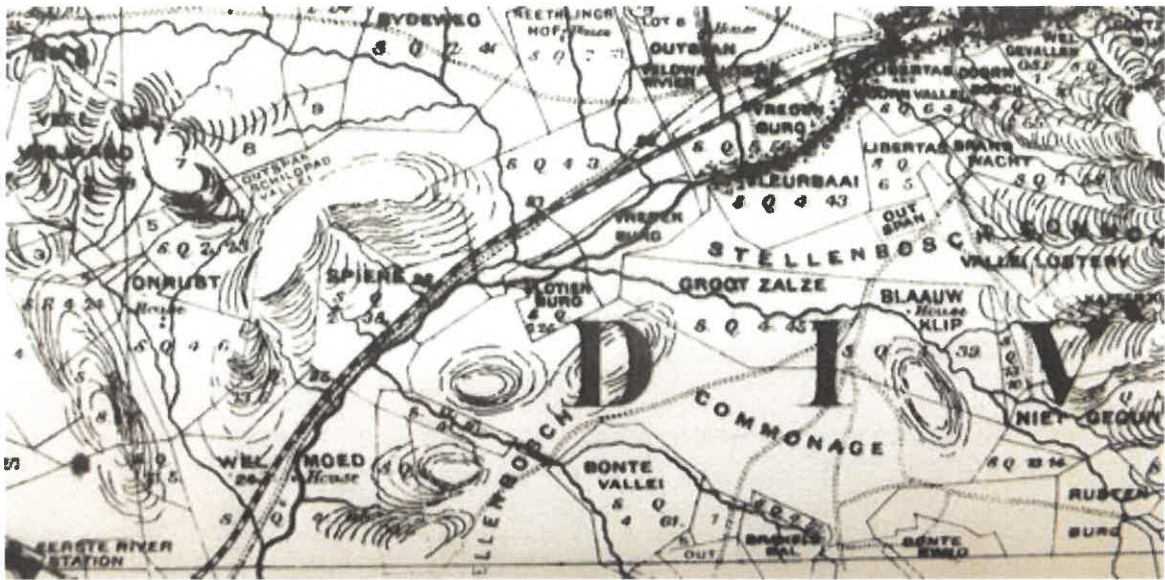
**DETAILS OF STUDIES TO BE CONDUCTED IN THE INTENDED HIA**

In addition to the requirements set out in Section 38(3) of the NHRA, indicate envisaged studies:

- |                                     |   |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | Heritage resource-related guidelines and policies.  |
| <input checked="" type="checkbox"/> | Local authority planning and other laws and policies.   |
| <input checked="" type="checkbox"/> | Details of parties, communities, etc. to be consulted.  |
| <input checked="" type="checkbox"/> | Specialist studies, eg: archaeology, palaeontology, architecture, townscape, visual impact, etc.<br>Provide details: Archaeology, Palaeontology, Visual |
| <input type="checkbox"/>            | Other. Provide details:   |

**PLEASE NOTE:** Any further studies which Heritage Western Cape may resolve should be submitted must be in the form of a single, consolidated report with a single set of recommendations. Specialist studies must be incorporated in full, either as chapters of the report, or as annexures thereto.

# APPENDIX C



## LOUW'S BOS MEMORIAL PARK

NOTIFICATION OF INTENT TO DEVELOP

On the Farm *Louw's Bos* R502, Stellenbosch

January 2019 & 1880 Map, 1977 Aerial and 2018 Photograph

researched and produced by

New World Associates © for CK Rumboll & Vennote

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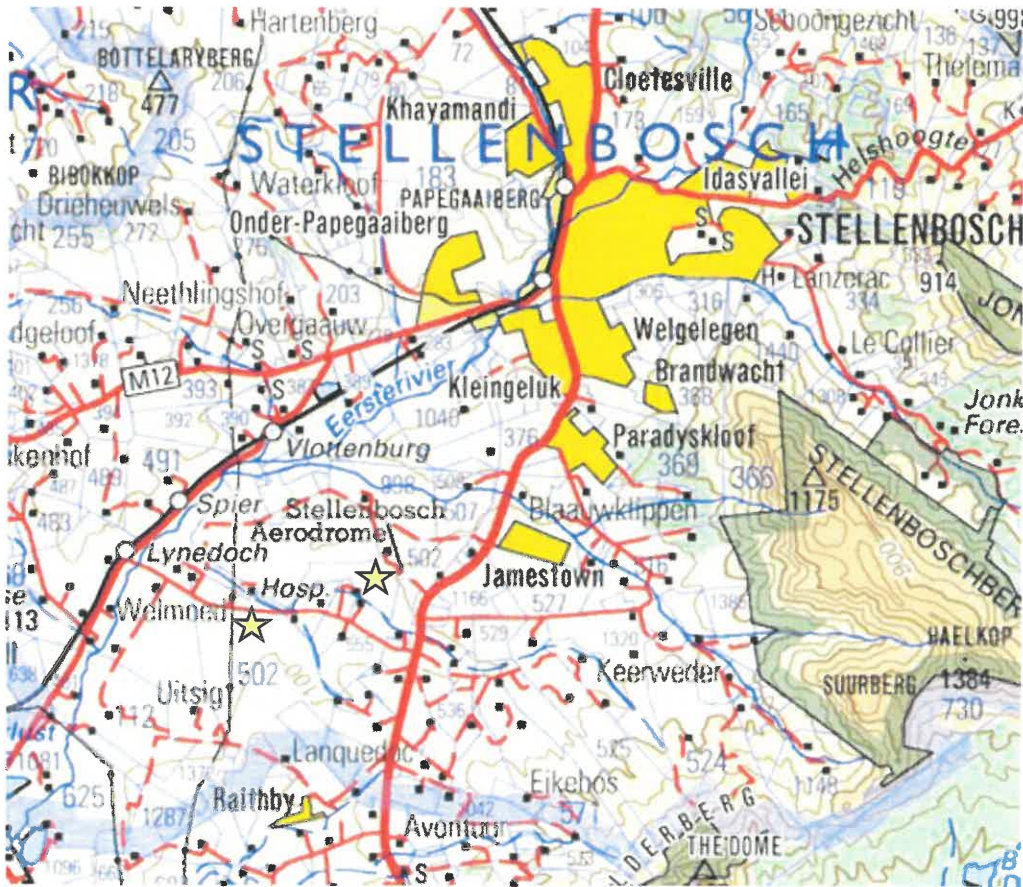
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# 1 NID - Supporting Info

## 1.1 Site Name

1. The farm R502 Louw's Bos, Stellenbosch.

## 1.2 Location



Source: Reproduced courtesy of the Chief Directorate: Surveys and Mapping, State Copyright 2000.

**Figure 1-1: Regional Context.**

Portion of a 1:250,000 map of South Africa showing the site locations (3318 Cape Town, 9th Edition 2000). NTS.

1. Two sites, North and South, under consideration on the farm R502 Louw's Bos, Stellenbosch on Annandale Road.

## 1.3 Description of Proposed Development

1. The proposed Memorial Park at R502 *Louw's Bos* is one of two regional cemeteries being planned for the Stellenbosch Municipality.
2. The Memorial Park concept plan prepared by OvP Landscape Architects (October 2018) is a first draft only. It shows a formal layout on a larger portion of the site than is now under consideration, so will have to be reworked.
3. It imposes itself on the surrounding landscape which is otherwise just open fields and pastures.

## 1.4 Heritage Resources Identified

### 1.4.1 History

1. Between the *Groote Zalze* farm and *Brakelsdal* farm (now *Annandale*) is the farm now known as "Louw's Bos" located. It is listed as the property of the municipality of Stellenbosch since 1883 (Surveyor General, Cape Town, survey diagram 9133/1883). This is the earliest survey diagram available.
2. In 1813 Hendrik Johannes Louw acquired the farm *Brakelsdal* of 47 Morgen, his son Michiel Nicolaas Louw became the owner in 1847 and the farm is now called 'Annandale'.
3. Father and son built a farmhouse and outbuildings on their farm. It is almost certain, that the municipality owned the land above (to the north of) their farm road (now Annandale Road) and this property was leased to them. Wood was by then in short supply and planting a forest a most profitable venture.

### 1.4.2 Heritage

1. The area is marginal to the Stellenbosch Winelands but still contained within them. More pasture can be found here although there are some vineyards.
  - The grading of this area, on Landscape Units **C17 Annandale Road** (6.4 points) and **C19 Central Commonage** (6.25 points) is **Grade IIIb**. They occur in an area generally designated Grade IIIb but to the north they abut onto the slightly higher ranked but still **Grade IIIb C11 Spier and Welmoed** (7.55 points) and **C12 Commonage and Renosterveld with Archaeological Sites** (7.5 points).
  - While there are numerous Grade IIIc ● and Grade IIIb ● sites in the general vicinity of R502, and several Grade IIIa sites ● further afield, the nearest to it on the scenic stretch of Annandale Road are Grade IIIc ● *Soverby* on the south side

of the road, and Grade IIIb ● *Mon Villa (Eureka)* on the north side. The nearest **Grade II site** ● is at *Groot Zalze* just north of the Aerodrome.

- The section of Annandale Road that runs on the western side of the R502 has been graded **Grade IIIa Scenic Route**.

#### 1.4.3 Palaeontology

1. No fossil remains were recorded on Farm Re/502 Louw's Bos during the short palaeontological site visit. It is concluded that the palaeontological sensitivity of the Memorial Park study area is very low.

#### 1.4.4 Archaeology

1. The following observations were made:

##### Louw's Bos North

- No archaeological remains were recorded in the footprint area of the proposed cemetery site, which comprises old agricultural land covered in grazing grass and weeds. There is barely any surface stone covering the proposed development site.
- Relatively large numbers of Early Stone Age (ESA) resources were, however, recorded on a portion of Rem. Farm 502, on deeply ploughed agricultural land alongside Annandale Road and the floodplain of the Bonterivier, that included chunks, cores, flakes, cleavers and several bifaces/handaxes, struck from round quartzite river cobbles. The remains all occur in a highly transformed context.

##### Louw's Bos South

- A small number of ESA implements including chunks, cores and flakes were recorded in a large block of wheat fields on the upper slopes of the proposed cemetery site. No archaeological resources were recorded on the remainder of the proposed development site, which comprises old, unused agricultural land covered in very dense grass, weeds, and large patches of recovering veld. The receiving environment has historically been totally transformed by agriculture.
- The small numbers and highly transformed context (i.e. wheat fields) in which they were found, mean that the remains have been graded as having low (Grade IIIC) archaeological significance.

### 1.4.5 Visual-Aesthetic

1. The following was observed:

- The sites lie adjacent to Annandale Road, a stretch near the South site being a Grade IIIa scenic route. The route is of mixed scenic value being more rural in its central length, but hard to appreciate at this time due to the road works.
- The landscape is extensive comprising rolling hills around the Bonte River Valley surrounded by pastures, a variety of new and old homesteads, dams, vineyards and some businesses.
- The North site is further away from Annandale Road and less prominent than the South site, which is split between old vineyards in the east and pastures in the west. The historic farm *Soverby* and neighbouring *Linquenda* are embedded between the two sites.

## 1.5 Heritage Environment

### 1.5.1 Summary

The farm Louw's Bos R502 lies SW of Stellenbosch on either side of the Annandale Road. Stellenbosch Municipality owns the property which was previously Crown Land forming the extensive Stellenbosch Commonage. Louw's Bos R502 has significant landscape and associative heritage significance with the Landscape Character Area and Units ranked Grade IIIb. The local stretch of Annandale Road is a Grade IIIa Scenic Route. Nearby Heritage Sites include *Mon Villa (Eureka)* IIIb, *Soverby* IIIc and to the north *Groot Zalze* II. No significant palaeontological remains were uncovered during field inspections, however, Archaeological remains from the ESA were ranked *Low* (IIIc).

### 1.5.2 Key Issues

1. *Louw's Bos R502* lies SW of Stellenbosch on either side of Annandale Road in the Stellenbosch Winelands. The property is rural and still used for agriculture purposes.
2. The landscape is a river valley and surrounds with two sites under consideration, one north and one south of Annandale Road.
3. The south site is more mixed farming and broken with wheat, grapes and vegetable crops up while the north site is pasture and more scenic.
4. The landscape is generally scenic (Grade IIIb) in a mixed agricultural setting near the Stellenbosch Mountains.
5. The stretch of Annandale Road nearer the South site is a Grade IIIa Scenic Route.

6. Historically, the land once formed part of the extensive Stellenbosch Commonage to the south of the town. Trekpaths once criss-crossed the site both north and south.
7. Graded Heritage Sites nearby include: *Mon Villa (Eureka) IIIb*, *Soverby IIIc* and to the north *Groot Zalze II*.

### 1.5.3 Historical Context<sup>1</sup>

#### Introduction

The farm No 502 "Louw's Bos", Stellenbosch is situated some 10km to the south of the historical town of Stellenbosch. The basic co-ordinates are approximately 33°59'S and 18°49'E (see Figure 1-2).



Source: CK Rumboll & Vennote / WC Government Agriculture.

**Figure 1-2: Aerial imagery showing the R502 boundaries and the two sites.**

R502 North and South is outlined in red while the two options under consideration are indicated in green as North Site and South Site.

The property is at present zoned 'agricultural'. It is surrounded by a very mixed use area: to the north by the upmarket Stellenbosch De Zalze Golf and Housing Estate, east by

<sup>1</sup> Dr Ute Seemann (1 November 2018). *Historical Background Report: The Farm 502 Stellenbosch "Louw's Bos"*.



the R44 (Stellenbosch to Strand road), the south by Annandale Road and the Bonte Vallei and Bakels-Dahl estates, to the west by the Spier vineyards and to the north-west by the Stellenbosch NU.

Traditional farmlands still dominate the vistas all round with the Jonkershoek Mountains looming to the north-east. Within a radius of less than 20km any number of historic wine estates are situated.<sup>2</sup> These together with sprawling suburbs still dominate the mental image of the Stellenbosch administrative district.

### Historic Notes

Before Europeans reached Table Bay to settle permanently in 1652, two groups of indigenous people, the Khoi-San and the Khoi-Khoi herders peopled the Cape Peninsula and its *hinterland*. The Khoi kept fat-tailed sheep and indigenous cattle and adhered to a fixed yearly transhumance migration. Wagon routes followed these cattle tracks, and later contemporary roads may well have been constructed along the same routes.

Shortly after the founding of the outpost in Table Bay in 1652 the Dutch East India Company (VOC) committed itself to a permanent settlement policy. Some twenty years later the district and town of Stellenbosch were founded on the banks of the Eerste River. Fertile lands along this and several rivulets descending from the Hottentot Hollands Mountains had been allocated to VOC employees, who established prosperous vineyards. From historical maps it appears that the area under investigation has been continuously cultivated since then. Almost all material traces of the nomadic earlier inhabitants - the Khoi-Khoi - have therefore been obliterated.

The town of Stellenbosch was established in 1679, although farms in the vicinity of the town were granted by the VOC from 1657 onwards. All properties were recorded in a locally held register and mapped as in **Error! Reference source not found.** above.<sup>3</sup>

It is apparent from this map that the farm we know now as "Louw's Bos" had not been surveyed in 1750. Furthermore, the road from Cape Town as well as the one to The Strand - now the R310 - have been marked here in stippled grey lines.

Stellenbosch municipality property appears in this 1817 Stellenbosch plan by WF Herzog<sup>4</sup> all around the neatly surveyed town and demarcated vineyards of the great estates. By this time the British colonial government had taken over the Cape and introduced a "modern" survey record.

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<sup>2</sup> Fransen, Hans. 2004. *The Old Buildings of the Cape*. Johannesburg and Cape Town: Jonathan Ball Publishers, pp 199-211.

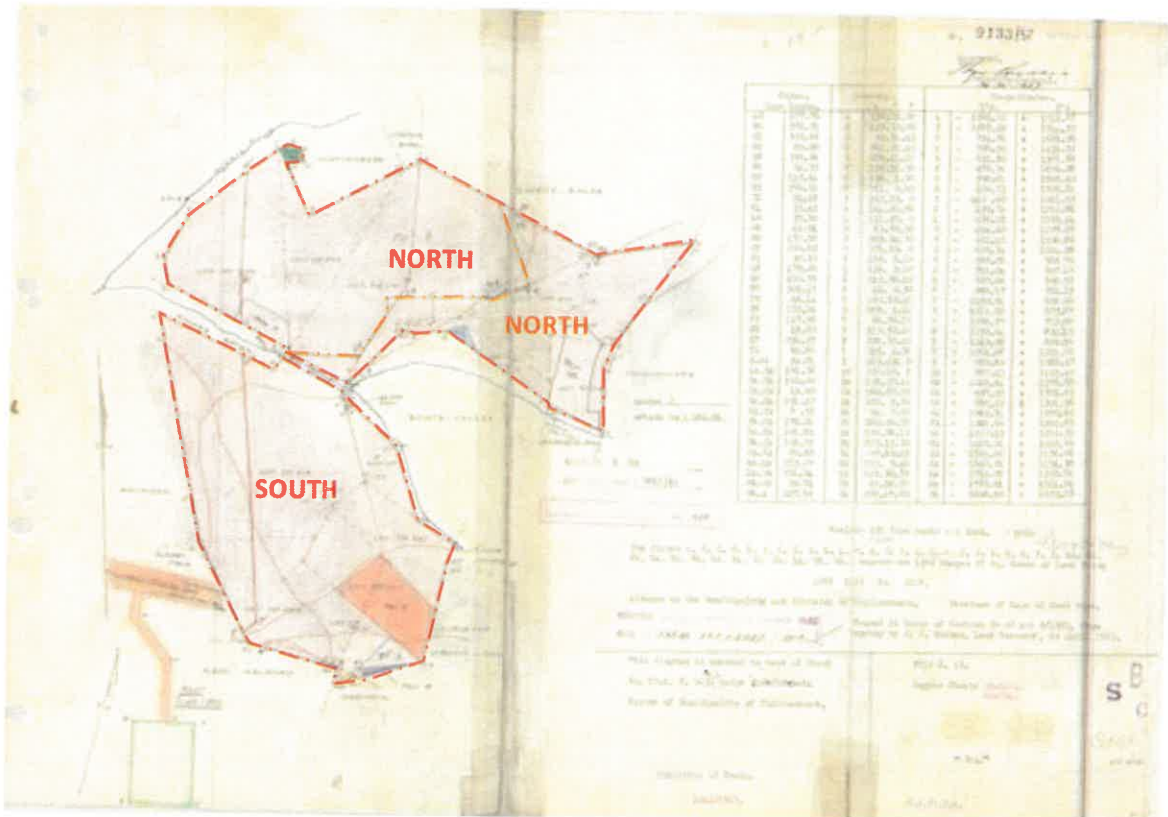
<sup>3</sup> Fransen, Hans. 2006. *Old Towns and Villages of the Cape*. Johannesburg and Cape Town: Jonathan Ball Publishers, pp 65-75.

<sup>4</sup> Cape Archives, CAR M2/726.

### Deeds Office and Surveyor General Records

Between the *Groote Zalze* farm and *Brakelsdal* farm (now *Annandale*) is the farm now known as "Louw's Bos" located. It is listed as the property of the municipality of Stellenbosch since 1883 (Surveyor General, Cape Town, survey diagram 9133/1883). This is the earliest survey diagram available.

Small parcels of land have been sold off in the meantime. The Annandale Road bisects the land, which is the subject of this report. The red and green marked area is earmarked as the future municipality cemetery (see Figure 1-3).



Source: Surveyor General Cape Town, Survey Diagram 9133/57.

**Figure 1-3: Survey diagram of the farm No 520/1, Stellenbosch "Louw's Bos" and No 377, Stellenbosch.**

This diagram is annexed to **Deed of Grant No. Stel. F. 5-34** dated 20/9/1883 in favour of Municipality of Stellenbosch. Today's northern section is much reduced along the orange boundary line to the eastern portion labelled **NORTH**. The remainder of the red **NORTH** section is *Spier*.

### Who was "Louw" and why "Louw's Bos"? *Brakelsdal* and *Annandale*

In 1813 Hendrik Johannes Louw acquired the farm *Brakelsdal* of 47 Morgen, his son Michiel Nicolaas Louw became the owner in 1847 and the farm is now called 'Annandale'. Father and son built a farmhouse and outbuildings on their farm. It is almost certain, that the municipality owned the land above (to the north of) their farm road (now Annandale Road) and this property was leased to them. Wood was by then in short supply and planting a forest a most profitable venture.

Worker's cottages line the northern periphery of the property; the remainder has undergone extensive modification due to modern agricultural practices.

### Heritage Resources According to the CTS Heritage Report

The heritage resources of Stellenbosch Municipality have recently been identified and assessed for heritage significance during a municipal-wide survey.

The site, farm No 502 "Louw's Bos", Stellenbosch is described as:

"... falling within a Landscape Character Unit which is of Grade IIIb heritage significance .... sloping down towards the Bonte River ... workers' cottages in the cultural landscape and a large area of commonage is found in this land unit. Neighbouring property has been assessed as part of archaeological impact assessments ... and Early and Middle Age stone tools might well be found on this property during future earth movements".<sup>5</sup>

### Recommendation by CTS

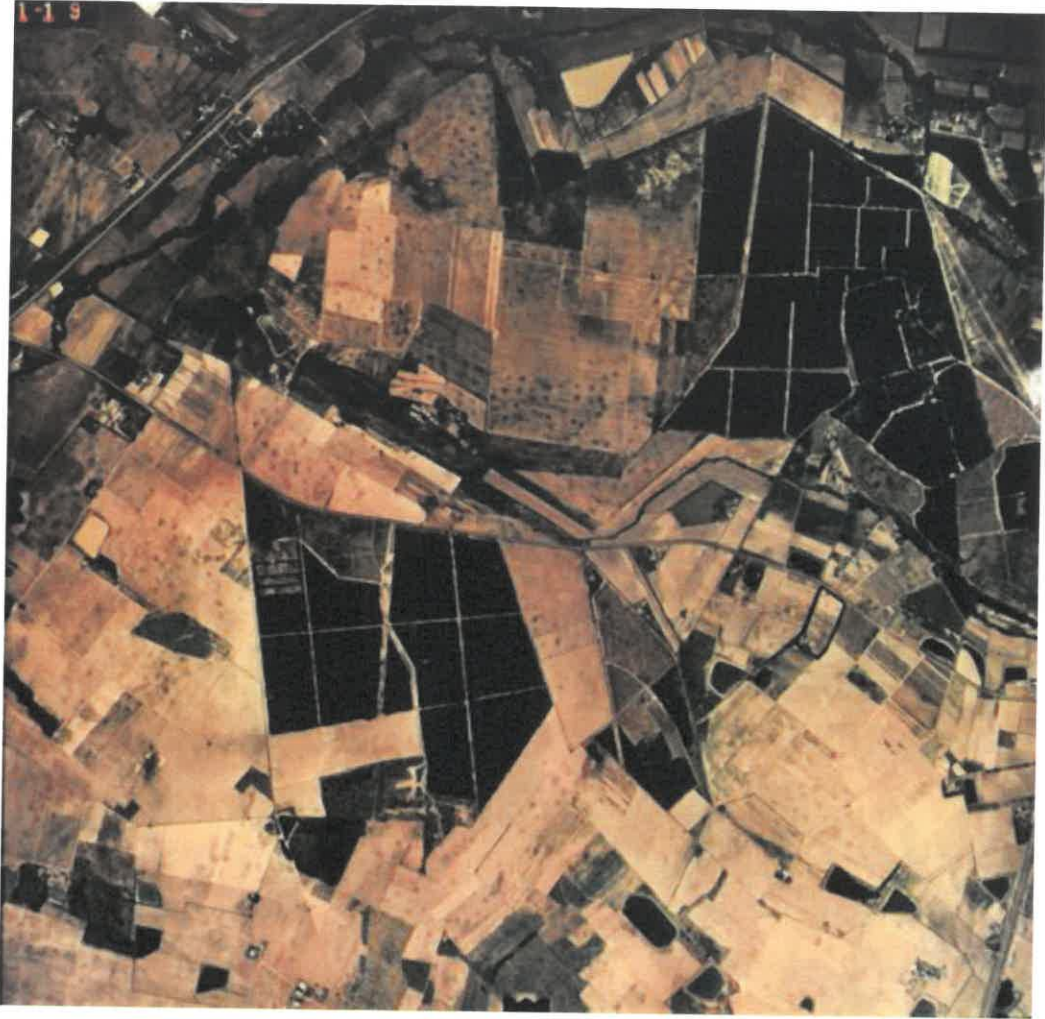
"The area proposed for development is underlain by gravelly clay geology of unknown paleontological significance, but clearly associated with the Middle Pleistocene.... While the proposed development is unlikely to impact on significant paleontological resources, it is likely that the proposed development will impact significant archaeological resources."

### Historical Aerial Photography

The following 1977 aerial photograph shows just how much a landscape can change in just one generation or forty years. The photograph shows an extensive plantation, presumably gum trees, on both north and south portions of R502, the proverbial 'bos' of Louw's Bos. There is no sign of this today except perhaps in the degraded grassland that now replaces them near Annandale Road. Vegetable fields take up the rest of the southern portion and pasture the northern portion. The AIA reported that today's north site was used for vegetable farming also a decade or two ago. The other significant change in land use is the great increase in the amount of intensive vineyards in the general area. West of Soverby on the eastern portion of the South site is today an old vineyard but a generation ago was either a pasture and/or a wheat field.

---

<sup>5</sup> CTS Heritage – CTS Reference Number CTS 18\_036\_3, 34 Harries Street, Plumstead, Cape Town, 7800, Tel: (021) 013-0131.



Source: Chief Directorate: National Geo-spatial Information – Image 794-002-00119.

**Figure 1-4: Aerial Photograph of R502, Stellenbosch (1977).**

Remarkable to see the massive change in the landscape in 40 years. The area was even more extensively farmed but with heavy gum plantations in the heart of the R502 south and all over R502 north – the *bos* of Louw's Bos. The vineyards at Soverby were not even planted; today they are old. There were also far fewer vineyards than there are today.

## 1.6 Site Photographs

The following photographs show the site as it is today (taken 30 October 2018).



Source: All photographs in this report by Bruce Eitzen © 2018.

**Photograph 1: Panorama on Annandale Road with North site (left) and South site (right).**

The above panorama taken from Annandale Road looking east towards the Stellenbosch Mountains shows the North site to the left, further in the distance, and the South site to the right.



**Photograph 2: View of R502 South site from Annandale Road showing old pasture and alien *Acacia* (right).**

The above view shows the west side of the South site only with vineyards on the left horizon crossing over to the east part of the site at *Soverby*. The area is old lands and pastures invaded by alien *Acacia* at right. The power pylon at far right is the west boundary of the South site.



**Photograph 3: View of R502 North site from Annandale Road showing *Linquenda* and vineyards behind (left) and *Klein Bontevlei*/cultivated lands (right).**

The above view of the North site shows its relationship to *Linquenda* and vineyards, which occur on the west side of the north site, the remainder being old fields, now pasture.



Photograph 4: Panorama of R502 North across its central pasture north/behind Soverby.



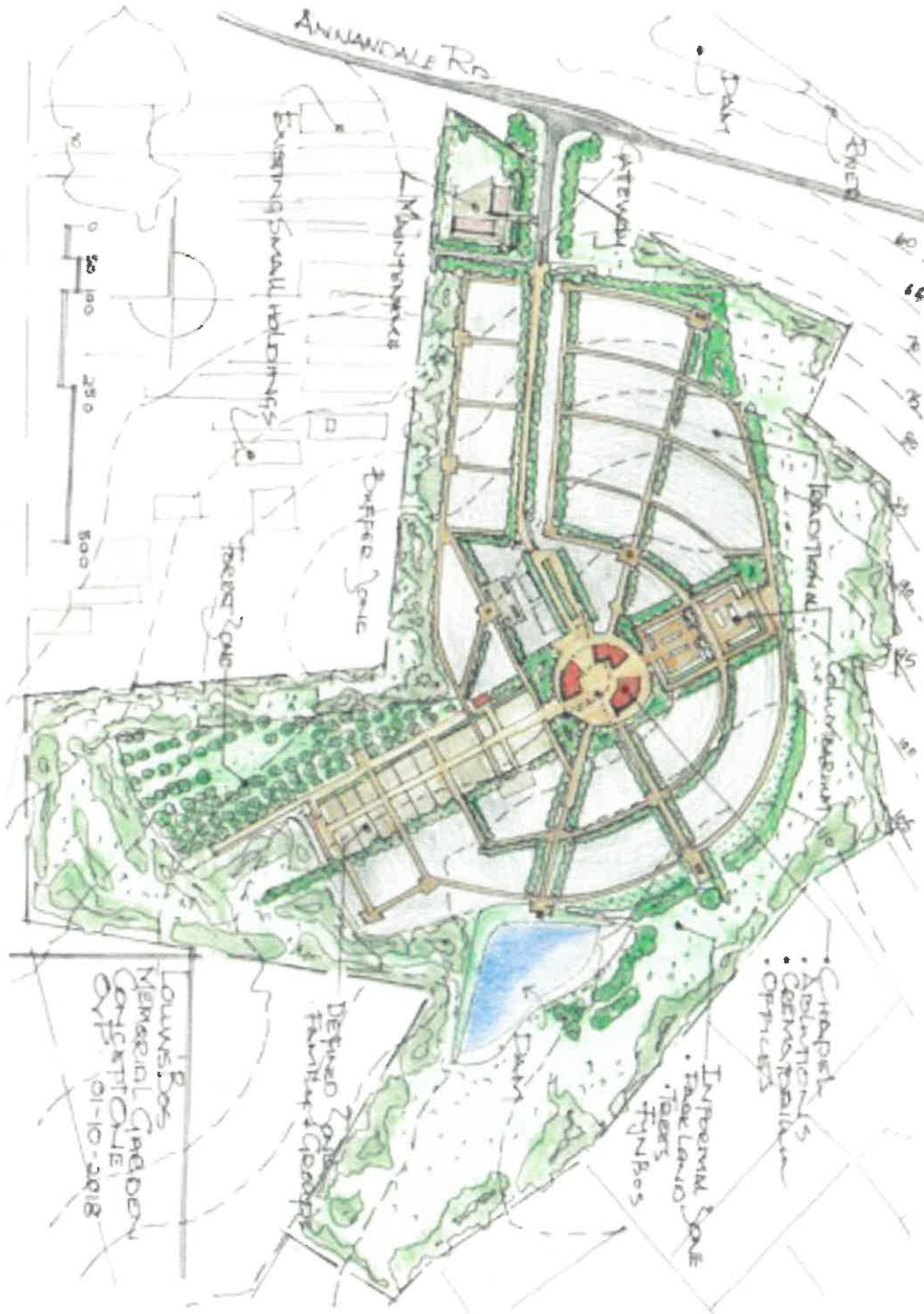
Photograph 5: Panorama of R502 South showing semi-natural pasture.



Photograph 6: Panorama of R502 South showing cultivated fields.



Photograph 7: Panorama of R502 South showing bush vines.



Source: OvP Landscape Architects.

**Figure 1-5: OvP Draft Concept Plan One (1 October 2018).**

This first draft is an initial concept only and was not intended for public consumption. No heritage informants were available at the time but the site was walked.<sup>6</sup> The area of the South site has subsequently been reduced substantially so this concept plan will have to be reworked.

<sup>6</sup> Johan van Papendorp (OvP), personal communication (7 November 2018).

## 1.7 Project Description

### 1.7.1 Memorial Park Concept

An initial First Draft has been prepared by OvP Landscape Architects (see Figure 1-5). However, as the site area has been substantially reduced, it will have to be reworked. Overall, the concept shows a formal layout using much more of the site than is now available.

### 1.7.2 Landscape and Environment

The landscape is detailed in the above plan. Its formal arrangement is a major new type of development in this area of open farm fields and old pastures but further comment is premature as the plan is defunct. The very open and undeveloped nature of the site makes its integration into the landscape all the more challenging.

## 1.8 Alternatives

At *Louw's Bos*, there are two possible sites under consideration, known as the North and South sites. The North site was the initial location under consideration but the option of the South site arose. Therefore, there information about both sites was provided in the previous chapter and a comparative analysis will be performed.



Source: CK Rumboll & Vennote.

**Figure 1-6: Map showing the two sites under consideration (2018).**

The purple areas are the two sites while the orange areas have one-year leases.



The town planners, CK Rumboll & Vennote included the following explanation:<sup>7</sup>

**The purple figures on the attached map were:**

- What was accessible and closest to the road and at least 30ha in extent
- And approved by council.

**The southern section has lease areas (for one year at a time) registered across it.** Although the project manager at Stellenbosch Municipality would like ... to keep what was approved, the marked leased areas (502 – BK, EK, AM, BFNN and BL) have been entertained by various informants – geotech, landscaping, conservation and linking the park to the environment, use of “*uitval grond*” i.e. the old mine sites BFNN and BL and many more.

That is, access and site area are prime considerations.

NWA

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<sup>7</sup> CK Rumboll & Vennote, email dated 15 November 2018.