

Appendix E: Public Participation

- Public Participation Summary
- E1 Proof of placement of relevant adverts
- E2 Key Stakeholder Notification
- E3 Comments and Responses
- E4 Written Notification to Authorities and Organs of State
- E5 List of Interested and Affected Parties
- E6 Copies of Correspondence and Meetings

**PUBLIC PARTICIPATION SUMMARY
CURRENT AS OF AUGUST 2015**

SANBI KIRSTENBOSCH

**SEC NOTICE NUMBER: 014037
DEA&DP REFERENCE NUMBER: 14/12/16/3/3/1/1269**

DRAFT BAR PHASE	
PUBLIC PARTICIPATION ACTIVITY	DATE UNDERTAKEN
APPLICATION PHASE	
Notification of the landowner/ Person in control of the land	N/A- The applicant is the landowner in this case.
DRAFT BAR PHASE	
Organs of state notified of the availability of the Draft BAR	5 th March 2015
I&AP's notified of the availability of the Draft BAR	3 rd March 2015
English advert published in the local newspaper (People's Post)	3 rd March 2015
Site notices placed at the site	5 th March 2015
Copy of the Draft BAR was placed at the local library (Claremont Library)	5 th March 2015
Draft BAR placed on the SEC website for public view	3 rd March – 19 th April 2015
Draft BAR out for a 40 day period of public comment	5 th March – 17 th April 2015

Appendix E1: Proof of placement of relevant adverts and notices

Wednesday 11th March

▼ **Rosebank:** Friends of the Rosebank and Mowbray Greenbelt will hold a public meeting at 19:30 at the Guide Hall in Alma Road.

The Friends will present their framework plan for the greenbelt between the N2, Mowbray and Belmont Road which is open for public comment. For more information email the secretary at formgb@gmail.com.



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- Betty Dining Chair R279
- Blair Dining Table R1199



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R1199
Leather Touch PU
+ 2 FREE PILLOWS



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KILLARNEY GARDENS
Unit no.10 Estoril Road
Killarney Gardens
Tel: 021-557 3136

Monday - Friday 9am-5pm
Saturday 9am-2pm
Last Sunday of the month 9am - 1pm

SOMERSET WEST
Unit 2, Corner Dynagel & Noble Street
The Interchange,
Somerset West
Tel: 021-852 8874

Monday - Friday 9am-5pm
Saturday 9am-2pm
Sunday 9am-1pm

33° 9' 84.37" S 18° 48' 89.37" E 33° 49' 44.73" S 18° 32' 25.1" E 34° 4' 44.65" S 18° 48' 1.82" E

PINELANDS

Reclaiming canal

A symbolic stand will be made at the Elsie'sriver Canal in Pinelands by residents in an effort to "take back the canal".

The walk will be held on Saturday 7 March at 20:30.

The event, which has been organised by Pinelands Neighbourhood Watch, and will start along the canal from Clyde Pinelands parking lot to Masonic Temple and back.

Peter Anders, vice-chairperson of the neighbourhood watch, says "with a full moon rising young and old, families, pet lovers and their dogs are encouraged to join the neighbourhood watch during this symbolic stand".

Everyone joining is asked to take a lantern or candle with for the start.

Anders says the canal is a big part of Pinelands and yet "we do not utilise it to its full potential".

"It is a beautiful river ravine that should be enjoyed and relished by all who live in Pinelands," he says.

"The purpose of the walk is to highlight the fact that we as a community should stand up against crime. Why should we be apprehensive about using the canal?" he asks.

Anders says the walk is also in support of the Pinelands Street Camera Project which has raised over R1m for the phase of the project, which will also cover part of the canal to ensure it is safe for all who use it.

Pinelands police, Law Enforcement and Metro Police will also take part in the walk.

The parking lot will be secured with security on duty.

All joining are asked to gather from 20:00 in the parking lot and the march will begin at 20:30.

Pinelands Neighbourhood Watch members will be stationed along the canal for the duration of the march.

All residents are encouraged to show community spirit and join on the journey of community development.

Saturday 7 March

▼ **Claremont:** Bethany Fellowship Church, which is situated at 225 Lansdowne Road, will have their monthly Mini Market from 09:00 until 13:00. Stalls are available at only R20. For more information phone the Bethany office on 021 671 9400 or 074 330 7052.

▼ **Rondebosch:** La Dolce Vita Events presents What the accompanist saw – a 25th anniversary celebration and concert series launch by Victor Tichart (pianist), featuring performances with musical colleagues and amusing anecdotes about his life as an accompanist at 17:00 at Chisholm Recital Room, UCT College of Music. Tickets are R50, R80 and R100. Phone 072 969 7297 for more information.

Sunday 8 March

▼ **Constantia:** The next Alphen Antiques and Collectables Fair will be held at the Alphen Community Centre Hall from 10:00 to 16:00. A variety of items will be on sale. Entry is free, there is ample parking and refreshments are available. Phone Des on 084 626 7499 or email desd@cybersmart.co.za or visit <http://www.antiqueking.co.za>.

Wednesday 11 March

▼ **Rosebank:** Friends of the Rosebank and Mowbray Green Belt will present their framework plan for the green belt between the N2, Mowbray and Belmont Road in Rondebosch for public comment. Possibilities include an urban food garden, an outdoor gym and a coffee shop. The meeting will take place at Guide Hall, Alma Road at 19:30. For further information contact the secretary at formgb@gmail.com.

▼ **Newlands:** My Space to Create, a mosaic and craft studio is opening at 09:30 to 12:00 at Studio 12, Montebello Design Centre in Newlands Avenue. Basic instructions and tools for mosaics are provided. Children's packages are for R85 per child. Email mystcreate@gmail.com or call 072 250 0045 or visit www.myspacetocreate.co.za.

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ENVIRONMENTAL CONSULTANTS

PUBLIC PARTICIPATION PROCESS FOR THE PROPOSED INFRASTRUCTURE DEVELOPMENTS ON FARM CA875-RE KIRSTENBOSCH NATIONAL BOTANICAL GARDENS, WESTERN CAPE.

SEC PROJECT NUMBER: 014037
DEA REFERENCE NUMBER: 14/12/16/3/3/1/1269

The South African National Biodiversity Institute ("SANBI") proposes to redevelop a 2.500m² area of the developed portion of the cultivated gardens, including buildings and infrastructure within the Kirstenbosch National Botanical Garden for administrative purposes.

Sillito Environmental Consulting ("SEC") has been appointed by SANBI to undertake an application for Environmental Authorisation for the proposed development.

The proposed development triggers activities listed in terms of the Environmental Impact Assessment Regulations published in 2010 in terms of the National Environmental Management Act (Act No. 107 of 1998) as amended. The activities in question are listed as follows:


- Government Notice R544 Activity 11 (xi)
- Government Notice R544, Activity 18 (i)
- Government Notice R544 Activity 40 (i)
- Government Notice R546 Activity 24 (a) (d) (ii) (dd) (ee) (gg)


The application process for Environmental Authorisation is a Basic Assessment process as defined in the NEMA EIA Regulations contained in Government Notice No. 543 of 2010.

Public consultation is a component of the Basic Assessment process. As such, you are hereby notified of the public participation process and of the availability of the Draft Basic Assessment Report for your review and comment.

- If you would like to register as an interested and affected party (I&AP), please do so in writing, giving your name and contact details as well as an indication of your interest in this matter and of any direct business, financial, personal or other interest that you may have in relation to this proposal. Please quote the SEC Project Number provided above (014037) in all correspondence.
- Registering as an I&AP will entitle you to further project information, to be kept informed of project progress and provide you with an opportunity to comment on the reports compiled for this Basic Assessment application.
- The Draft Basic Assessment Report will be available from 06/03/15 for review in hard copy at the Claremont Public Library located on Library Square, Wilderness Road, Claremont (Tel: 021 671 6993). Opening hours: Monday to Friday, 10:00 to 17:00.
- The report will also be available electronically for review and download on the SEC website: www.environmentalconsultants.co.za
- Further information about the proposed activity can be obtained via a written, faxed or emailed request addressed to Kirsty Robinson at: Sillito Environmental Consulting cc; P O Box 30134, Tokai, 7966 ; Tel: (021) 712 5060; Fax: (021) 712 5061 ; E-mail: kirsty@environmentalconsultants.co.za
- Responses (by fax, post or email) from any interested party should be received by SEC by no later than 17/04/15.
- Please advise us of any other party that you believe should be notified, or forward this information to them.

XPT/GADM/2015/03/15





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UCT hosts final farewell for Andre Brink

KAREN KOTZE

The life and erudite contributions of Professor André P Brink were honoured at UCT as the man's family, friends, colleagues and students bid him a final farewell.

His death was mourned, his life, celebrated.

Dr Max Price, Vice-Chancellor of the University of Cape Town, read tributes to the man between the speeches given by family and guests in Lecture Theatre 1 in the Kramer Law Building.

The first to speak was his wife of 10 years, Dr Karina Brink, a writer, who publicly read the letter she had penned to her husband the night she proposed to him.

It said everything.

His son, Dr Gustav Brink, spoke about the giant of a man his father was in life and about his immense intellect.

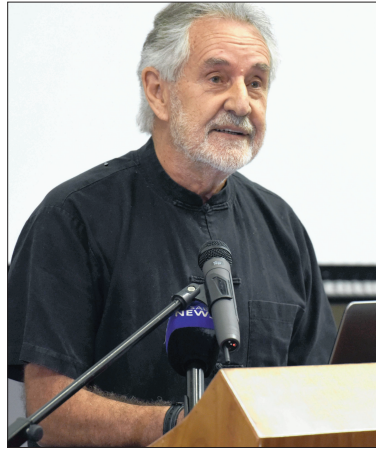
He remembered his father's

love of women, red wine, his beautiful hands, his habit of cutting his hair with nail clippers and that he made the best crème brûlée in the world. After a rousing speech, Gustav broke many a heart with his final statement: "Ons gaan jou mis, Pappa."

Breyten Breytenbach, South African poet, writer, painter and activist gave the keynote address and spoke fluidly in English, Afrikaans and French.

"André Brink is not dead," he said. "We experience by recall, we know by association, we exist by the imagination of others, and by the telling of those projections. Rosa Montero wrote in a book called *The Ridiculous Notion That I Will Not See You Again*, 'to live, we have to narrate ourselves'.

"Of course André is not present to comment, reflect, collaborate or deny what we collectively and individually remember of him."



PICTURE: MICHAEL HAMMOND

■ Breyten Breytenbach spoke passionately in memory of Andre P Brink at the UCT farewell to one of South Africa's greatest.

He added: "But then again, I am not even sure of that. He wrote so much and so knowledgeably on so many levels that if we took the

trouble to, I am sure we could find a response to whatever statement we wish to make about him. So, no André Brink is not dead. The narrative may have become more sombre but it is not interrupted. He will continue to take part in the conversation. The reflections do not take place in a historical void, environment and circumstances evolve, and our interactions with him will evolve as well," he said.

"Let us, for a while at least, keep alive the richness of diversity and complexity in our reading of him, the wildness, the contradictions, the naivety, the idealism, all the movements, of a normal man. He was curious, fearless in appropriating whatever was needed for his stories. Above all, he had an open mind."

Other speakers were Professor Martin Buisse from the Université Catholique de Louvain (UCL) and Euzhan Palcy, director of the

film made from Mr Brink's book, *A Dry White Season*.

Dr Price said: "Emeritus Professor Brink, known not only as a celebrated novelist, but also a critic, activist, translator and an academic, made an extraordinary contribution during his tenure here.

"He did so both as a public intellectual and as a leading literary figure in South Africa, particularly in the face of a repressive apartheid government."

The university hosted the gathering to acknowledge Professor Brink's distinguished contribution to national and world literature, as well as his scholarship and intellectual leadership during his tenure as a professor in the Department of English Language and Literature at UCT. Emeritus Professor Brink took up a professorship in the Department of English Language and Literature at UCT in 1990 and retired formally in 2005.

Teaching kids life-saving swimming techniques

MIKA WILLIAMS

It was the tragic death of her daughter, Sofia, that spurred Durbanville resident Claire Campbell to start Starfish for Sofia, a non-profit company aimed at teaching children basic life-saving swimming techniques.

The tragedy occurred eight days after little Sofia turned two.

"Sofia passed away on December 20 last year, after drowning in a koi pond, while away with her father in Tulbagh," she explained.

Ms Campbell said she received a frantic call from Sofia's father on that fateful afternoon telling her their daughter had passed away.

"I was in a state of immediate denial. After he put Sofia down for a nap, he decided to take one too. He left the door of the room they were sleeping in, slightly open and she managed to get out. Just outside the room, was a koi pond that she drowned in."

Ms Campbell said her daughter loved water but she had never been taught to swim.

"She was a big girl who was at least one metre tall and weighed 17kg.

"When I spoke to the pathologist he said it took close to two minutes for her to drown and as you can imagine drowning is one of the most agonising ways to die."

Sofia was conceived by in vitro fertilisation (IVF) and her mother was devastated after los-

ing her "miracle baby".

"We tried so hard to conceive only for her to be taken away so tragically," she said.

Following her daughter's death, Ms Campbell heard of many children who drowned on Cape Town's beaches particularly over the festive season and vowed that her daughter's death would not be in vain.

"After listening to various news reports of children from disadvantaged backgrounds drowning at city beaches, the idea for Starfish for Sofia was born.

"A week after her death I decided that I wanted to do something to remember her by."

Ms Campbell said she did not have the funds to send Sofia for

swimming lessons and believes if she had, he daughter might have had a chance of survival.

"If I can prevent just one family from experiencing what I am currently going through, then I feel I would have honoured her memory in some way," she explained.

The purpose of the organisation is to raise money to send children, aged six months to three years, who are from impoverished backgrounds for lessons at one of the organisation's affiliated swimming schools.

Starfish for Sofia is currently affiliated to swimming schools in five provinces.

"During these classes, children learn to turn on their backs and float with their arms and legs out-

stretched like a starfish when they fall into a body of water in order for them to remain calm until an adult can rescue them," she added.

Ms Campbell said the organisation was registered eight weeks ago and that the official launch was held on Saturday February 28, at the Bloemendal Restaurant in Durbanville.

She aims to target Xhosa speaking schools and has had her pamphlets translated into Afrikaans and Xhosa.

"Fezeka Sikele and Lydia Mhlabeni from the University of Stellenbosch have been gracious enough to help with the Xhosa translations. Currently we plan to only work with affiliated schools as two lessons a week amounts to

between R250 and R480 a child," she said.

Ms Campbell describes her daughter as a "little adventurer".

"I called her my little monkey because she was always outside digging in my garden looking for snails.

"She possessed this amazing sense of wonder and was very curious. She was a little girl who lived her life and that is the reason that I am pushing forward. I want to have the drive and enthusiasm that she possessed. I know she wouldn't want me to stay indoors and be sad. I will forever miss her magical, snail slime-filled kisses."

● For more information, you can email Claire at Claire@starfishforsofia.co.za

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For more information contact one of our centres.

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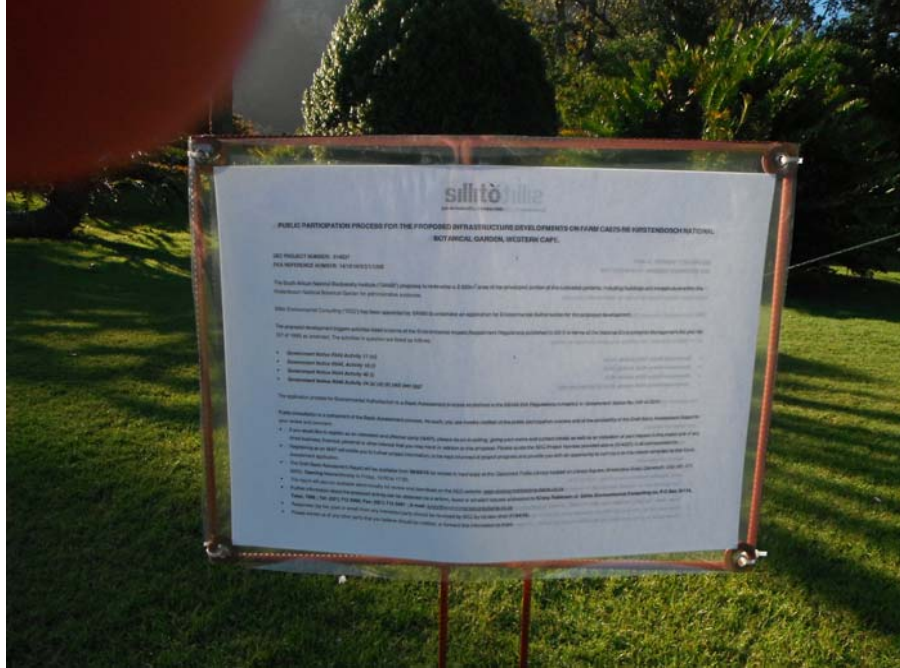


Figure 1: Close up image of Site Notice 1 located at the Kirstenbosch Botanical Garden entrance facing north-west.



Figure 2: Image of Site Notice 1 located at the Kirstenbosch Botanical Garden entrance from a 5 metre distance facing north-west.



Figure 3: Image of Site Notice 1 located at the Kirstenbosch Botanical Garden entrance from 15 metres distance facing north-west.

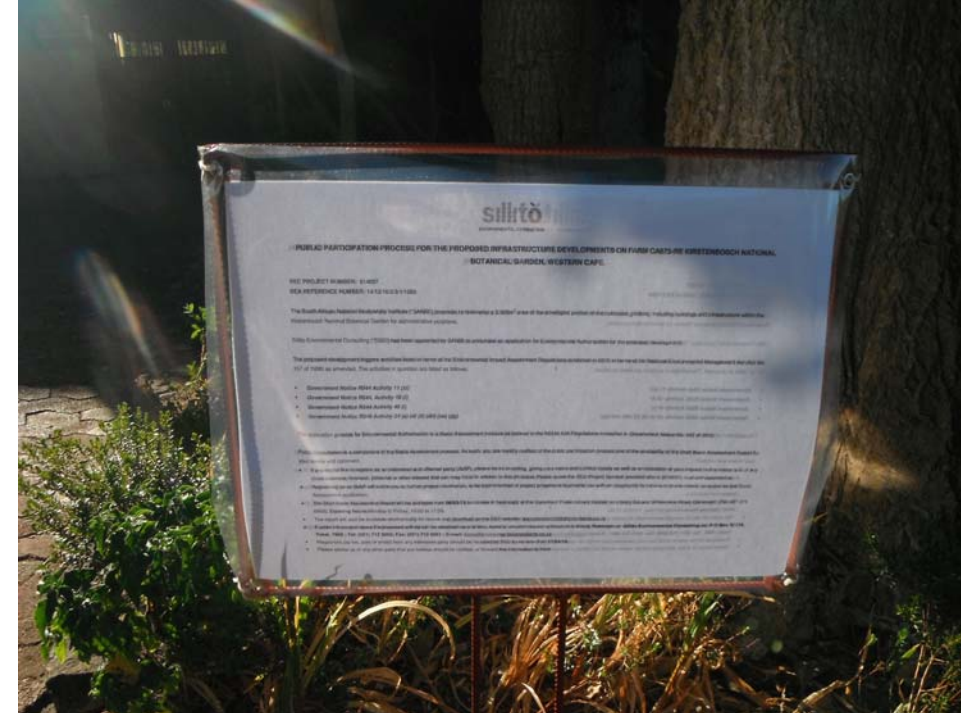


Figure 4: Close up image of Site Notice 2 located at the existing Administration Building facing west.



Figure 5: Image of Site Notice 2 located at the existing Administration Building from a 5 metre distance facing west.



Figure 6: Image of Site Notice 2 located at the existing Administration Building from 10 metres distance facing west.

<p>SEC</p>	<p>CLIENT: SANBI</p>	<p>PROJECT: 014037 Kirstenbosch National Botanical Garden</p>	<p>TITLE: Site Notice Photographs</p>	<p>DRAWING NUMBER: 014037</p>
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Appendix E2: Key Stakeholder Notification

- Initial Stakeholder Table
- Register Interested & Affected Parties Table

014037 Kirstenbosch Initial Stakeholder Table

INITIAL NOTIFICATION TABLE
February 2015

Organization/Dept/Erf & Address	Means of Notice	Date of Communication
Organs of State Details and Rate Payers' Association		
<p>Department of Environmental Affairs Ms Mmatlala Rabothata</p> <p>Environment House 473 Steve Biko (C/o Steve Biko St & Soutpansberg Rd) Arcadia Pretoria 0083</p> <p>Tel; 012 399 9372 Email: mrabothata@environment.gov.za</p>		
<p>Department of Environmental Affairs and Development Planning: Land Management (Region 2) Eldon van Boom</p> <p>Private Bag X9086 Cape Town 8000</p> <p>Tel: 021 483 5829 Fax: 021 483 4372 Eldon.VanBoom@westerncape.gov.za</p>		

Organization/Dept/Erf & Address	Means of Notice	Date of Communication
<p>Department of Water Affairs Derril Daniels</p> <p>52 Voortrekker Road Bellville 7532</p> <p>Private Bag x16 Sanlamhof 7532</p> <p>Tel: 021 941 6189 Fax: 021 941 6107 Email: danielsd@dwa.gov.za</p>		
<p>City of Cape Town Municipality: (District H) Andrew Greenwood</p> <p>Private bag X5 Plumstead 7801</p> <p>Tel:021 710 8050 Fax: 021 710 8002 Andrew.Greenwood@capetown.gov.za</p>		
<p>Heritage Western Cape Andrew Hall (Executive Officer)</p> <p>Protea Assurance Building Green Market Square</p>		

Organization/Dept/Erf & Address	Means of Notice	Date of Communication
Cape Town 8000 Tel: 021 483 9543 Fax: 021 483 9842 Email: hwc@pgwc.gov.za		
Cape Nature: Catherine Knowles Pgwc Shared Services Centere Cnr Bosduif & Volstfuils Street Bridge Town 7764 Private Bag x29 Gatesville 7766 Tel: 021 483 0118/0121 Fax: 086 556 7764 cknowles@capenature.co.za		

Interested and Affected Parties, Landowner and Adjacent Landowner Details		
<p>Ward Councillor: Name: Elizabeth Brunette Party: DA</p> <p>Alphen Centre Constantia Main Road CONSTANTIA 7806</p> <p>Cell No.:082-823-6584 Email: Elizabeth.Brunette@capetown.gov.za</p> <p>Business No.: 021 794-2493</p>		
<p>Bishopscourt Village Residents Association</p> <p>info@bvra.org.za</p>		
<p>Fernwood Residents Association</p> <p>Fernwood Residents Association PO Box 23582 Claremont 7735</p> <p>Email: moirlin@iafrica.com</p>		
<p>Erf202 RAPIDOUGH PROP 5 C C</p> <p>40 BISHOPSCOURT Road BISHOPSCOURT 7708</p>	Registered post	
<p>Erf203</p>	Registered post	

O'BRIEN JOHN ANDREW 42 BISHOPSCOURT Road BISHOPSCOURT 7708		
Erf204 KIBEL MAURICE AARON 12 WINCHESTER Avenue BISHOPSCOURT 7708	Registered post	
Erf205 WINCHESTER TRUST 10 WINCHESTER Avenue BISHOPSCOURT 7708	Registered post	
Erf206 Mr FR & Ms CD Black 24 Rhodes Drive Bishops Court 7708	Registered post	
Erf207 JIANG XUE WEI 6 WINCHESTER Avenue BISHOPSCOURT 7708	Registered post	
Erf208 PERROTT CARON TRACEY 4 WINCHESTER Avenue BISHOPSCOURT	Registered post	

7708		
Erf239 OVERSEAS BISHOPRICS FUND 2 WINCHESTER Avenue BISHOPSCOURT 7708	Registered post	
Erf49752 BLYTH WENDY ANNE 14 APPIAN WAY NEWLANDS 7700	Registered post	
Erf49751 ALEXANDER DAWN LYNETTE 12 APPIAN Way NEWLANDS 7700	Registered post	
Erf49750 BROWN MORGAN HAZELL GOODCHILD 10 APPIAN Way NEWLANDS 7700	Registered post	
Erf49753 GILBERT EVAN STANLEY 59 RHODES Drive NEWLANDS 7700	Registered post	
Erf49744 HUGHES MICHAEL JAMES	Registered post	

57 RHODES Drive NEWLANDS 7700		
Erf242 NATIONAL GOVERNMENT OF REPUBLIC OF SOUTH AFRICA Unknown	Hand Delivered	
Erf160789 Unknown	Hand Delivered	

PROPOSED INFRASTRUCTURE DEVELOPMENTS AT KIRSTENBOSCH NATIONAL BOTANICAL GARDENS, WESTERN CAPE

REGISTERED STAKEHOLDER TABLE

April 2015

Organization/Dept/Erf & Address	Means of Notice	Date of Initial Communication
Organs of State Details and Interested and Affected Parties		
<p>Department of Environmental Affairs Mr. Herman Alberts</p> <p>1st Floor, Block A1 Environment House 473 Steve Biko Road Pretoria 0083</p> <p>Private Bag X447 Pretoria 0001</p> <p>Tel; 012 399 9372/ 9371 Email: HALberts@environment.gov.za</p>	Registered Post	6 th March 2015
<p>Department of Environmental Affairs and Development Planning: Land Management (Region 2) Eldon van Boom</p> <p>1st Floor, Utilitas Building 1 Dorp Street</p>	Registered Post	6 th March 2015

Organization/Dept/Erf & Address	Means of Notice	Date of Initial Communication
Cape Town 8000 Private Bag X9086 Cape Town 8000 Tel: 021 483 5829 Fax: 021 483 4372 Eldon.VanBoom@westerncape.gov.za		
Department of Water Affairs and Sanitation Ms. Mmachaka 52 Voortrekker Road Bellville 7530 Private Bag X16 Sanlamhof 7532 Tel: 021 941 6130/ 6069 Fax: 021 941 6077 Email: mmachakat@dwa.gov.za	Registered Post	6 th March 2015
South African Heritage Resources Agency (SAHRA) Gregory Ontong Block C, Castle of Good Hope Cape Town	Registered Post	6 th March 2015

Organization/Dept/Erf & Address	Means of Notice	Date of Initial Communication
<p>8000</p> <p>P.O Box 2771 Cape Town 8001</p> <p>Tel: 021 465 2198 Fax: 021 465 5789 Email: gontong@sahra.org.za</p>		
<p>Heritage Western Cape Andrew September</p> <p>3rd Floor, Protea Assurance Building Green Market Square Cape Town 8000</p> <p>Private Bag X9067 Cape Town 8001</p> <p>Tel: 021 483 9543/ 9680 Fax: 021 483 9842 Email 1: hwc@pgwc.gov.za Email 2: Andrew.September@westerncape.gov.za</p>	Registered Post	6 th March 2015
<p>Cape Nature Rhett Smart</p> <p>Scientific Services: Land Use Advice Assegaibosch Nature Reserve</p>	Registered Post	6 th March 2015

Organization/Dept/Erf & Address	Means of Notice	Date of Initial Communication
<p>Jonkershoek Stellenbosch 7599</p> <p>Tel: 021 866 8000 Fax: 086 526 4992 Email: landuse@capenature.co.za</p>		
<p>City of Cape Town (District H): Environmental Resources Management Department Suretha Dorse</p> <p>Plumstead Municipal Building Cnr Main Road and Victoria Road Plumstead 7801</p> <p>Private Bag X5 Plumstead 7801</p> <p>Tel: 021 444 2608/ 8050 Fax: 021 710 8002 Email 1: Suretha.Dorse@capetown.gov.za Email 2: Andrew.Greenwood@capetown.gov.za</p>	Registered Post	6 th March 2015
<p>City of Cape Town: Heritage Resource Management Mark Bell</p> <p>Plumstead Municipal Building Cnr Main Road and Victoria Road</p>	Registered Post	6 th March 2015



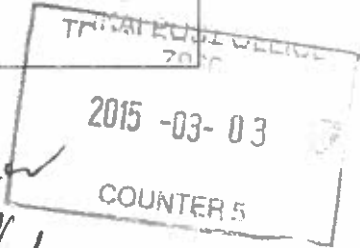
Organization/Dept/Erf & Address	Means of Notice	Date of Initial Communication
Plumstead 7801 Private Bag X5 Plumstead 7801 Tel: 021 444 2607 Fax: 021 710 8002 Email: Mark.Bell@capetown.gov.za		
City of Cape Town: Solid Waste Management: Chantel Erlank Civic Centre 12 Hertzog Boulevard Cape Town 8001 PO Box 298 Cape Town 8000 Tel: 021 400 5576 Fax: 086 576 2197 Email: Chantel.Erlank@capetown.gov.za	Registered Post	6 th March 2015
City of Cape Town: Electricity Department Elton van Reenen Wynberg Electricity Depot Rosmead Avenue	Registered Post	6 th March 2015

Organization/Dept/Erf & Address	Means of Notice	Date of Initial Communication
Wynberg 7700 PO Box 82 Cape Town 8000 Tel: 021 763 5685 Email: Elton.van_reenen@capetown.gov.za		
City of Cape Town: Transport Planning Claude Madell 1 st Floor 3 Victoria Road Plumstead 7801 Tel: 021 444 9519 Fax: 021 710 9461 Email: Claude.Madell@capetown.gov.za	Registered Post	6 th March 2015
City of Cape Town: Transport, Stormwater and Sustainability Justin Smit Tel: 021 400 5085 Email: Justin.Smit@capetown.gov.za	Registered Post	6 th March 2015
City of Cape Town: Spatial Planning and Design Kier Hennesy	Registered Post	6 th March 2015

Organization/Dept/Erf & Address	Means of Notice	Date of Initial Communication
Tel: 021 444 8320 Email: Kier.Hennesy@capetown.gov.za		
City of Cape Town: Transport, Infrastructure and Plant Maintenance Roy Page Tel: 021 710 8269 Email: Roy.Page@capetown.gov.za	Registered Post	6 th March 2015
Interested and Affected Party Dr. Katherine Ewing Cell: 083 408 0808 Email: Kathryn@sundevelopment.co.za	Registered Post	6 th March 2015
Interested and Affected Party Kommetjie Heritage Society- Richard Bryant Email: heritage@kommetjie.co.za	Registered Post	6 th March 2015
Interested and Affected Party Phillip Ivey Private Bag X7 Claremont 7735 Tel: 021 799 8837 Cell: 082 443 0728 Fax: 086 520 8192 Email: P.Ivey@sanbi.org.za	Registered Post	6 th March 2015

Interested and Affected Parties, Landowner and Adjacent Landowner Details

<p>Ward Councillor: Name: Elizabeth Brunette Party: DA</p> <p>Alphen Centre Constantia Main Road CONSTANTIA 7806</p> <p>Cell No.:082-823-6584 Email: Elizabeth.Brunette@capetown.gov.za</p> <p>Business No.: 021 794-2493</p>	<p align="center"><i>Registered Post</i></p> <p align="center">REGISTERED LETTER <small>(with a domestic insurance option)</small> RC 059 259 705 ZA A BOOK COPY</p>	
<p>Fernwood Residents Association</p> <p>Fernwood Residents Association PO Box 23582 Claremont 7735</p> <p>Email: moirlin@iafrica.com</p>	<p align="center"><i>Registered Post</i></p> <p align="center">REGISTERED LETTER <small>(with a domestic insurance option)</small> RC 059 259 719 ZA A BOOK COPY</p>	
<p>Erf202 RAPIDOUGH PROP 5 C C</p> <p>40 BISHOPSCOURT Road BISHOPSCOURT 7708</p>	<p align="center">Registered post</p> <p align="center">REGISTERED LETTER <small>(with a domestic insurance option)</small> <small>ShareCall 0860 111 582 www.sapo.co.za</small> RC 059 259 753 ZA CUSTOMER COPY 301028R</p>	
<p>Erf203 O'BRIEN JOHN ANDREW</p> <p>42 BISHOPSCOURT Road</p>	<p align="center">Registered post</p> <p align="center">REGISTERED LETTER <small>(with a domestic insurance option)</small> RC 059 259 740 ZA A BOOK COPY</p>	

BISHOPSCOURT 7708		
Erf204 KIBEL MAURICE AARON 12 WINCHESTER Avenue BISHOPSCOURT 7708	Registered post REGISTERED LETTER <i>(with a domestic insurance option)</i> RC 059 259 722 ZA A BOOK COPY	
Erf205 WINCHESTER TRUST 10 WINCHESTER Avenue BISHOPSCOURT 7708	Registered post REGISTERED LETTER <i>(with a domestic insurance option)</i> RC 059 259 736 ZA A BOOK COPY	
Erf206 Mr FR & Ms CD Black 24 Rhodes Drive Bishops Court 7708	Registered post REGISTERED LETTER <i>(with a domestic insurance option)</i> RC 059 259 767 ZA A BOOK COPY	
Erf207 JIANG XUE WEI 6 WINCHESTER Avenue BISHOPSCOURT 7708	Registered post REGISTERED LETTER <i>(with a domestic insurance option)</i> RC 059 259 775 ZA A BOOK COPY	
Erf208 PERROTT CARON TRACEY 4 WINCHESTER Avenue BISHOPSCOURT 7708	Registered post REGISTERED LETTER <i>(with a domestic insurance option)</i> RC 059 259 798 ZA A BOOK COPY	
Erf239 OVERSEAS BISHOPRICS FUND	Registered post REGISTERED LETTER <i>(with a domestic insurance option)</i> RC 059 259 815 ZA A BOOK COPY	

<p>2 WINCHESTER Avenue BISHOPSCOURT 7708</p>		
<p>Erf49752 BLYTH WENDY ANNE 14 APPIAN WAY NEWLANDS 7700</p>	<p>Registered post REGISTERED LETTER <small>(with a domestic insurance option)</small> <small>ShareCall 0990 111 563 www.saps.co.za</small> RC 059 259 807 ZA CUSTOMER COPY 301028R</p>	
<p>Erf49751 ALEXANDER DAWN LYNETTE 12 APPIAN Way NEWLANDS 7700</p>	<p>Registered post REGISTERED LETTER <small>(with a domestic insurance option)</small> RD 990 711 332 ZA A BOOK COPY</p>	
<p>Erf49750 BROWN MORGAN HAZELL GOODCHILD 10 APPIAN Way NEWLANDS 7700</p>	<p>Registered post REGISTERED LETTER <small>(with a domestic insurance option)</small> RD 990 711 346 ZA A BOOK COPY</p>	
<p>Erf49753 GILBERT EVAN STANLEY 59 RHODES Drive NEWLANDS 7700</p>	<p>Registered post REGISTERED LETTER <small>(with a domestic insurance option)</small> RD 990 711 363 ZA A BOOK COPY</p>	
<p>Erf49744 HUGHES MICHAEL JAMES 57 RHODES Drive NEWLANDS 7700</p>	<p>Registered post REGISTERED LETTER <small>(with a domestic insurance option)</small> RD 990 711 350 ZA A BOOK COPY</p>	

Appendix E3: Comments and Responses

- Comments and Responses Report
- Initial Comments on the proposed development
- Draft BAR Comments on the proposed development

Comments and Responses Report

COMMENTS AND RESPONSES REPORT FOR THE PROPOSED INFRASTRUCTURE DEVELOPMENTS AT KIRSTENBOSCH NATIONAL BOTANICAL GARDENS (FARM NUMBER CA875-RE), CAPE TOWN, WESTERN CAPE

**SEC REFERENCE NUMBER: 014037
DEA REFERENCE NUMBER: 14/12/16/3/3/1/1269**

CURRENT AS AT: FEBRUARY 2016

ISSUE RAISED BY WHOM	ISSUES RAISED/COMMENTS	PROJECT TEAM RESPONSE
PRE-DRAFT BAR		
<p>Heritage Western Cape</p> <p>Contact: Andrew September Date: 2 October 2014</p>	<p>A Notice of Intent (“NID”) was submitted to Heritage Western Cape (“HWC”) on 26th September 2014.</p> <p>Comments received from HWC include the following:</p> <ul style="list-style-type: none"> • HWC discussed the proposed development and infrastructure upgrades on Farm 875, Kirstenbosch National Botanical Gardens, Newlands. • No heritage resources will be affected by the proposed development. • No further studies are required. • Since there is no reason to believe that the proposed development will impact on heritage resources, further processes under Section 38 of the National Heritage Resources Act (Act 25 of 1999) do not apply. 	<p>SEC’s response was as follows:</p> <p>No response required.</p>
	<p>Additional comments received from Heritage Western Cape include the following:</p> <ul style="list-style-type: none"> • A Section 37 application will be required for the proposed refurbishments and upgrades for Fynbos Lodge. 	<p>In a telephone conversation dated 2nd October 2014, SEC responded as follows:</p> <ul style="list-style-type: none"> • SEC’s acknowledged that a S37 application will be required for Fynbos Lodge and advised the applicant accordingly.
<p>Department of Water Affairs</p> <p>Contact: Ms. Philisiwe Mbunquka</p>	<p>Comments from the Department of Water Affairs include the following:</p> <p>The Department agrees that the proposed development may go ahead, provided that the following conditions are adhered to:</p>	<p>In an email dated 5th December 2014, SEC responded as follows:</p> <ul style="list-style-type: none"> • SEC acknowledges that the proposed development at the Kirstenbosch National Botanical Gardens, specifically the construction of the gabions along the Liesbeck

ISSUE RAISED BY WHOM	ISSUES RAISED/COMMENTS	PROJECT TEAM RESPONSE
PRE-DRAFT BAR		
Date: 19 November 2014	<ul style="list-style-type: none"> • The proposed development (the construction of the gabions) triggers water uses in terms of sections 21 (c) and (i) of the National Water Act, 1998 (Act No. 36 of 1998), therefore authorisation must be applied for. • The Department will provide further comment once a copy of the Basic Assessment Report is received. 	<p>River, triggers a water use in terms of Section 21 (c) and (i) of the National Water Act, 1998 (Act 36 of 1998).</p> <ul style="list-style-type: none"> • A WULA is currently being compiled by SEC and will be submitted to the Department of Water Affairs accordingly. • Proof of the submission of the WULA will be included in final BAR.
<p>SAHRA</p> <p>Contact: Gregory Ontong Date: 2 February 2015</p>	<p>Comments from the South African Heritage Resource Agency (SAHRA) include the following:</p> <ul style="list-style-type: none"> • SAHRA has no objection to the proposed demolition and development of the site. • SAHRA wishes to raise concern however regarding the height of the proposed administration building as a three storey building. • Rhodes Drive is located on a scenic and visually sensitive road and should therefore be treated as such. • A revision of the height, elevation and edge conditions should be considered. 	<p>In an email dated 12th February 2015, SEC responded as follows:</p> <ul style="list-style-type: none"> • SEC acknowledged receipt of the comment from SAHRA. • The architects, VMA Architects, have revised the elevation of the building to be a building of 2.5 storeys instead of the originally proposed three storeys. • Input from a visual specialist has been received. The specialist advises that whilst the proposed development will result in a change in the visual landscape, with all mitigation measures included, the visual impact will be low. • All visual impact mitigation measures have been included in the development proposal. • It is anticipated that the Draft BAR (including all relevant site plans and the visual impact assessment report) will be ready for public participation within the next month. • SEC will notify SAHRA when the BAR becomes available.

ISSUE RAISED BY WHOM	ISSUES RAISED/COMMENTS	PROJECT TEAM RESPONSE
DRAFT BAR		
Kommetjie Heritage Society Contact: Richard Bryant Date: 5 March 2015	Comments from the Interested and Affected Party (“I&AP”) include the following: <ul style="list-style-type: none"> • Requested to be registered as an I&AP. • Would like to review the draft BAR prior to making comments. 	In an email dated 6th March 2015, SEC responded to the I&AP as follows: <ul style="list-style-type: none"> • SEC placed the I&AP’s name and details in the registered stakeholder database. • I&AP was advised that all registered I&APs will be informed of all developments relating to this project, including all future rounds of public participation as well as the decision issued by the Competent Authority in due course. • The I&AP was advised that a copy of the draft BAR is available for review at the Claremont Public Library and has also been placed on the SEC website: www.environmentalconsultants.co.za
Interested and Affected Party Contact: Phillip Ivey Date: 10 March 2015	Comments from the Interested and Affected Party (“I&AP”) include the following: <ul style="list-style-type: none"> • Requested to be registered as an I&AP. • Queried the possibility of remaining anonymous. 	In an email dated 10th March 2015, SEC responded to the I&AP as follows: <ul style="list-style-type: none"> • SEC placed the I&AP’s name and details in the registered stakeholder database. • I&AP was advised that registered I&APs will be informed of all developments relating to this project, including all future rounds of public participation as well as the decision issued by the Competent Authority in due course. • With regards to remaining anonymous, the I&AP was referred to Section 42 (a), Section 43 (1) and Section 44 (1) of the NEMA EIA Regulations 2014 which detail the requirements of the EAP to include all comments and all responses in the BAR as well as the reasons the party may have interest in the application.
Interested and Affected Party Contact: Phillip Ivey	Comments from the Interested and Affected Party (“I&AP”) include the following: <ul style="list-style-type: none"> • Queried whether the view lines considered residents further afield other than immediately adjacent to the 	In an email dated 9th April 2015, SEC responded to the I&AP as follows: <ul style="list-style-type: none"> • I&AP was referred to the final Visual Impact Assessment (“VIA”) Report as contained in Appendix D of the BAR,

ISSUE RAISED BY WHOM	ISSUES RAISED/COMMENTS	PROJECT TEAM RESPONSE
DRAFT BAR		
<p>Date: 13 March 2015</p>	<p>proposed development. The building may of some concern to the Bishops court residents.</p> <ul style="list-style-type: none"> • Queried whether the habitat of the rare and endangered Ghost Frog was considered. • Queried whether different localities for the development were considered and suggested potential alternatives. 	<p>which assessed the visual impact for entire area. The VIA concluded that whilst the developments will result in a change in the visual landscape, the scenic resources of the greater area will be minimally affected, but at the local scale will be moderately affected.</p> <ul style="list-style-type: none"> • I&AP was referred to the Freshwater Impact Assessment (“FIA”) as contained in Appendix D of the BAR. According to the FIA, the proposed development is not considered to pose any highly significant additional risks to adjacent aquatic ecosystems, aside from those already present and it is not anticipated that the proposed development will contribute to further significant degradation of the river ecosystem. It is however anticipated that the installation of the gabions will result in a positive impact on the ecological integrity of the river. • The I&AP was advised that the proposed development entails the demolition of the existing prefabricated administration building and IT building and the redevelopment of the area to include a permanent administration building, a car park area and upgrades to the existing Fynbos Lodge within the existing modified development footprint. In light of this, no location alternatives were considered as this would not meet the general purpose of the application.
<p>Department of Water and Sanitation</p> <p>Contact: Thandi Mmachaka Date: 17 March 2015</p>	<p>Comments from the Department of Water and Sanitation (“DWS”) include the following:</p> <p>1. Water Use and Authorisation</p> <ul style="list-style-type: none"> • The proposed developments will trigger the following water use(s) in terms of Section 21 of the National Water Act, 1998 (Act No. 36 of 1998): <ul style="list-style-type: none"> ○ Section 21 (c) impeding or diverting the flow of water of water in the watercourse; and ○ Section 21 (i) altering the beds, banks, course or characteristics of a watercourse. 	<p>In an email dated 21st April 2015, SEC responded to the Department of Water and Sanitation as follows:</p> <p>SEC acknowledged receipt of the comment from DWS. SEC’s response the DWS’s comments on the draft BAR are as follows:</p> <p>1. Water Use and Authorisation</p> <ul style="list-style-type: none"> • SEC acknowledged that the proposed developments will trigger a water use (Section 21 (c) and Section 21 (i)) in terms of Section 21 of the National Water Act, 1998 (Act

ISSUE RAISED BY WHOM	ISSUES RAISED/COMMENTS	PROJECT TEAM RESPONSE
DRAFT BAR		
	<ul style="list-style-type: none"> • A water use authorisation in terms of Section 22 of the National Water Act (Act No. 36 of 1998) must be applied for. • The water use authorisation must be obtained prior to the commencement of the proposed activities. • The Section 21 (c) and 21 (i) water uses as outlined above must be registered in terms of Section 26 (1) (c) and 32 (2) of the National Water Act (Act No. 36 of 1998) prior to the commencement of the proposed activities. • The following forms must be completed and must be submitted with a certified copy of the applicant's ID as well as a certified copy of the title deeds: <ul style="list-style-type: none"> ○ DW757; ○ DW763; ○ DW768; ○ DW775; ○ DW781; ○ DW901; and ○ DW902 • An Impact Assessment Report indicating the impacts of the intended water uses on the characteristics of the water course (Biota, Water Quality, Flow Regime and Habitat) must accompany the fully completed application forms. <p>2. Construction & Operational Environmental Management</p> <ul style="list-style-type: none"> • Civil design drawing and a report of the structures that will affect a watercourse must be submitted to the DWS for approval prior to the commencement of the proposed activities. <p>3. Additional Conditions</p> <ul style="list-style-type: none"> • No pollution of surface water or ground water resources may occur due to activities on the property. • Chemical toilets that will be utilised during the 	<p>No. 36 of 1998) (“NWA”) and a water use license authorisation (“WULA”) will need to be applied for.</p> <ul style="list-style-type: none"> • SEC advised the DWS that they are currently in the process of compiling a WULA for submission to the DWS. This includes the completion of forms DW757, DW763, DW768, DW775, DW781, DW901 and DW 902. An Impact Assessment Report, certified copy of the applicant's ID and copy of the property title deeds will also accompany the fully completed forms. • SEC advised the DWS that a copy of the full WULA as submitted to the DWS will be included with the final BAR. • SEC also noted that the water use authorisation must be obtained and the Section 21 (c) and Section 21 (i) water uses must be registered in terms of Section 26 (i) (c) and Section 32 (2) of the NWA prior to commencement of the proposed activities and notified DWs that the applicant will be advised accordingly. <p>2. Construction & Operational Environmental Management</p> <ul style="list-style-type: none"> • SEC noted that the DWS requires the Civil Design Drawing and Report of the structures that will affect the watercourse. SEC submitted a copy of the Stormwater Management Plan (Orrie, Welby and Solomons, 2014) as submitted with the draft BAR which details the structures that will affect the watercourse (gabions). The DWS was referred to page 19- 21 for detail in this regard. <p>3. Additional Conditions</p> <ul style="list-style-type: none"> • SEC noted the DWS's additional conditions and advised that these conditions will be included in the final BAR and final EMP where necessary.

ISSUE RAISED BY WHOM	ISSUES RAISED/COMMENTS	PROJECT TEAM RESPONSE
DRAFT BAR		
	<p>construction phase must be located such that they do not pose a risk of water pollution and its contents must be disposed of at an appropriate facility.</p> <ul style="list-style-type: none"> • Oil spillages from vehicles on site must be controlled to prevent pollution of water resources. • Soil erosion on site must be prevented at all times, during and post construction activities. 	
<p>Department of Environmental Affairs</p> <p>Contact: Mr Herman Alberts Date: 19 March 2015</p>	<p>Comments from the Department of Environmental Affairs (“DEA”) include the following:</p> <ul style="list-style-type: none"> • The DEA confirmed receipt of the draft BAR. • The DEA advised that the Department will start reviewing once the final BAR is received. • The DEA also advised that the activity may not commence prior to an Environmental Authorisation being granted by the Department. 	<p>In an email dated 20th March 2015, SEC responded to the Department of Environmental Affairs as follows:</p> <ul style="list-style-type: none"> • SEC acknowledged receipt of the comment from the DEA and noted that the DEA will only start reviewing the BAR once the final BAR is received. • SEC acknowledged that the proposed activity may not commence prior to Environmental Authorisation.
<p>Heritage Western Cape</p> <p>Contact: Andrew September Date: 23 March 2015</p>	<p>Comments from Heritage Western Cape (“HWC”) include the following:</p> <ul style="list-style-type: none"> • HWC’s initial comment dated 2nd October 2014 still stands. 	<p>In an email dated 24th March 2015, SEC responded to Heritage Western Cape as follows:</p> <ul style="list-style-type: none"> • SEC acknowledged receipt of HWC’s comment on the draft BAR and noted that the HWC’s initial comment still stands.
<p>Interested and Affected Party</p> <p>Contact: Dr. Kathryn Ewing Date 25 March 2015</p>	<p>Comments from the Interested and Affected Party (“I&AP”) include the following:</p> <ul style="list-style-type: none"> • Requested to be registered as an I&AP. 	<p>In an email dated 6th March 2015, SEC responded to the I&AP as follows:</p> <ul style="list-style-type: none"> • SEC placed the I&AP’s name and details in the registered stakeholder database. • I&AP was advised that registered I&APs will be informed of all developments relating to this project, including all future rounds of public participation as well as the decision issued by the Competent Authority in due course.
<p>City of Cape Town: Spatial Planning and Urban Design</p> <p>Contact: Kier Hennessy</p>	<p>Comments from the City of Cape Town: Spatial Planning and Urban Design include the following:</p> <ul style="list-style-type: none"> • There are no apparent conflicts with the provisions of the City’s spatial planning policy. 	<p>In an email dated 20th April 2015, SEC responded to the City of Cape Town: Spatial Planning and Urban Design Department as follows:</p> <ul style="list-style-type: none"> • SEC acknowledged receipt of comments on the draft

ISSUE RAISED BY WHOM	ISSUES RAISED/COMMENTS	PROJECT TEAM RESPONSE
DRAFT BAR		
Date: 17 April 2015	<ul style="list-style-type: none"> The District Spatial Planning Branch has no objection to the development proposal. 	<p>BAR.</p> <ul style="list-style-type: none"> SEC noted that the proposed development does not conflict with the City of Cape Town's spatial planning policy and the Spatial Planning Department has no objections to the development proposal.
<p>City of Cape Town Electricity Department</p> <p>Contact: Elton van Reenan Date: 17 April 2015</p>	<p>Comments from the City of Cape Town: Electricity Department include the following:</p> <ul style="list-style-type: none"> The existing infrastructure currently located on the site has all necessary services with adequate capacity in place. Electricity services thus do not anticipate that any additional capacity will be required. It is confirmed that medium and low voltage electrical infrastructure exists within the area. Any alterations or deviations to electricity services necessary as a consequence of the proposal will be carried out at the applicant's cost. 	<p>In an email dated 20th April 2015, SEC responded to the City of Cape Town: Electricity Department as follows:</p> <ul style="list-style-type: none"> SEC acknowledged receipt of comments on the draft BAR. SEC noted that Electricity Services do not anticipate that additional capacity will be required for the proposed development and medium and low voltage electrical infrastructure currently exists within the area. SEC further noted that alterations and deviations to electricity services are to be carried out at the applicant's cost.
<p>City of Cape Town: Solid Waste Management</p> <p>Contact: Chantel Erlank Date: 17 April 2015</p>	<p>Comments from the City of Cape Town: Solid Waste Management include the following:</p> <ul style="list-style-type: none"> Solid Waste (Collections) as the Service Provider in the Kirstenbosch area have no objection to the proposed infrastructure developments at Kirstenbosch and has sufficient unallocated capacity to accept and collect and dispose of all types of waste to a designated landfill site. A good waste management system must be in place to handle all waste generated by the activities and to mitigate against negative impacts on the environment. Waste generated during the construction and operational phases should be recycled on site or re-used to fill up other sites. Clean builders' rubble can be disposed of at the nearest licensed landfill site under the guidance of the City of Cape Town. The waste generated by construction personnel (e.g. lunch remains and packaging etc.) must be placed in 	<p>In an email dated 20th April 2015, SEC responded to the City of Cape Town: Solid Waste Management Department as follows:</p> <ul style="list-style-type: none"> SEC acknowledged receipt of comments on the draft BAR. SEC acknowledges that Solid Waste Management has no objection to the proposed infrastructure developments at Kirstenbosch and has sufficient unallocated capacity to accept, collect and dispose of all types of waste to a designated landfill site. SEC noted that Solid Waste Management advised that an appropriate Waste Management System should be in place and further noted Solid Waste Managements' recommended waste management measures to reduce any negative impacts on the environment (i.e. the recommended measures for recycling and / or re-use of waste where possible, appropriate disposal of different

ISSUE RAISED BY WHOM	ISSUES RAISED/COMMENTS	PROJECT TEAM RESPONSE
DRAFT BAR		
	<p>approved refuse bins on site during the construction phase.</p> <ul style="list-style-type: none"> • It is confirmed that the proposed development will not have any implications on the infrastructure of the area provided that the contractors identify a permitted refuse disposal site for various categories of waste and provided that a refuse room is included in the planning stages of the development for the storage of waste to the satisfaction of the Director: Solid Waste Management. • The EAP was also referred to the following conditions contained within the following Regulations: <ul style="list-style-type: none"> ○ Standard Building Regulations: Conditions for Removal/ Collection of Refuse: ○ Hazardous, Biological or Chemical Waste Regulations; ○ Minimum Requirements for Single Residential/ Rural Units- Access from Public Roads 	<p>kinds of waste). These measures will be included in the BAR and EMPr where applicable.</p> <ul style="list-style-type: none"> • SEC acknowledged that the proposed development will not have any implications on the infrastructure of the area provided that a permitted refuse disposal site is identified and a refuse room is included in the planning stages of the development to the satisfaction of the Director: Solid Waste Management. SEC advised that the architect, VMA Architects, will be consulted in this regard. • SEC also notes the conditions as contained in the "Standard Building Regulations: Conditions for Removal/ Collection of Refuse", "Hazardous, Biological or Chemical Waste Regulations" and the "Minimum Requirements for Single Residential/ Rural Units- Access from Public Roads".
<p>City of Cape Town: Transport, Infrastructure and Plant Maintenance</p> <p>Contact: Roy Page Date: 17 April 2015</p>	<p>Comments from the City of Cape Town: Transport, Infrastructure and Plant Maintenance include the following:</p> <ul style="list-style-type: none"> • There are no material changes to the access onto Rhodes Drive which would normally require comment by the Director: Transport, especially regarding the proposed parking layout. • The internal work is deemed private. • The Department has no further comments. 	<p>In an email dated 20th April 2015, SEC responded to the City of Cape Town: Transport, Infrastructure and Plant Maintenance Department as follows:</p> <ul style="list-style-type: none"> • SEC acknowledged receipt of comments on the draft BAR. • SEC acknowledged that according to the Department, there are no material changes to the access onto Rhodes Drive and internal work is deemed private. As such, the Department has no further comments.
<p>City of Cape Town Transport Planning</p> <p>Contact: Claude Madell Date: 17 April 2015</p>	<p>Initial comments from the City of Cape Town: Transport Planning included the following:</p> <ul style="list-style-type: none"> • A Transport Impact Assessment ("TIA") investigating the impact on the external road network, on-site parking and access requirements must be included with the application. • The TIA must be conducted by a registered traffic engineer with the scope of the study approved by the 	<p>In a telephone call dated 22nd April 2015, SEC contacted the City of Cape Town: Transport Planning Department to confirm the reasons for the TIA study being required.</p> <p>SEC confirmed that the existing Head Office and Administration building will be demolished and replaced with a new 2.5 storey building (which will incorporate all the departments currently located within this area) whilst the</p>

ISSUE RAISED BY WHOM	ISSUES RAISED/COMMENTS	PROJECT TEAM RESPONSE
DRAFT BAR		
	<p>TCT: Transport Planning, prior to the commencement of the study.</p> <ul style="list-style-type: none"> The Transport Planning Department will provide further comment upon the submission of the TIA. 	<p>space where the current prefabricated IT building and a portion of the garden area directly in front of it will be replaced with additional parking bays (provision for a maximum of 50 cars).</p> <p>SEC confirmed that the existing landscaped and parking areas will remain in place and that the proposed developments will be located entirely within the private staff area and as such no changes are required to Rhodes Drive or the existing internal access roads within Kirstenbosch. No additional access roads within the area proposed for redevelopment are required.</p> <p>In light of the above, SEC requested that the City of Cape Town; Transport Planning Department confirm whether a Traffic Impact Assessment is considered necessary or whether a site map confirming the existing parking and access roads and indicating the additional proposed parking areas will suffice.</p>
<p>City of Cape Town: Transport Planning</p> <p>Contact: Claude Madell Date: 26 May 2015</p>	<p>Additional comments from the City of Cape Town: Transport Planning include the following:</p> <ul style="list-style-type: none"> Transport Planning confirmed that a Transport Impact Statement (TIS), dealing with on-site access and parking will be required. Expected additional peak hour trips (if any) must also be clarified in the TIS. 	<p>In an email dated 29th June 2015, SEC responded to the City of Cape Town: Transport Planning as follows:</p> <ul style="list-style-type: none"> A Transport Impact Statement (TIS) is currently being undertaken including the required specifications. Once completed, the TIS will be forwarded to Transport Planning for review and approval. The TIS will also be included with the final BAR. <p>Please note: The TIS Report was compiled in January 2016 and is included in Appendix D of the Final BAR.</p>
<p>City of Cape Town: Transport, Stormwater and Sustainability</p> <p>Contact: Justin Smit Date: 17 April 2015</p>	<p>Comments from the City of Cape Town: Transport, Stormwater and Sustainability include the following:</p> <ul style="list-style-type: none"> Stormwater and sustainability are in favour of the gabion option for the river bank stabilisation. With regards to the Stormwater Management Plan (Orrie, Welby and Solomons, 2014), the following needs further 	<p>In an email dated 22nd April 2015, SEC responded to the City of Cape Town: Transport, Stormwater and Sustainability as follows:</p> <ul style="list-style-type: none"> SEC acknowledged receipt of comments on the draft BAR. SEC noted that the Transport, Stormwater and

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	<p>clarification:</p> <ul style="list-style-type: none"> ○ A water quality volume calculation is required (including permeable paving calculations). ○ The design system for the permeable paving system must be quoted. If the aqua-flow system is not used, then all relevant design information is to be submitted to the branch for approval. ○ Confirmation required that the difference between the 1:50 year pre and post development volume is 50 m³. ○ Confirmation required that the upper reach of the Liesbeck River passing the site can be contained within the stream. ○ This information needs to be indicated on a map as well as the limits for environmental buffers. 	<p>Sustainability Department are in favour of the proposed gabion option for river bank stabilisation.</p> <ul style="list-style-type: none"> • SEC noted that the Department requires additional information to be included in the Stormwater Management Plan as well as confirmation on certain aspects of the Stormwater Management Plan. • SEC advised the Department that the Stormwater Management Plan ("SWMP") will be revised accordingly to incorporate the required additional information and the updated SWMP will be include with the final BAR. <p>Please note: The SWMP was revised and is included in Appendix D of the Final BAR.</p>
<p>City of Cape Town: Heritage Resources Management</p> <p>Contact: Mark Bell Date: 17 April 2015</p>	<p>Comments from the City of Cape Town: Heritage Resources Management Department include the following:</p> <p>COCT: Heritage information on the City's database relating to Kirstenbosch show the following:</p> <ul style="list-style-type: none"> ○ There is no formal National Heritage Resources Act protection on site except for a portion which is south of the main reservoir that is formally protected. ○ The site is not inside a Heritage Protection Overlay Zone. ○ The City's 2015 Audit Grading has not yet been undertaken for the site. ○ The Pre 2007 Audit Grading shows the site to be graded a Grade 2 with the southern portion south of the reservoirs being graded Grade 1. <ul style="list-style-type: none"> • Kirstenbosch has high heritage value relating to the history of the gardens. The Aesthetic, Historic, Social and Scientific values associated with Kirstenbosch combine to form a special and valuable heritage resource of substantial cultural significance. 	<p>In an email dated 24th April 2015, SEC responded to the City of Cape Town: Heritage Resources Management Department as follows:</p> <ul style="list-style-type: none"> • SEC acknowledged receipt of comments received from the Heritage Resources Management Department (HRMD). • With regards to the applicability of Section 38 of the NHRA, HRMS was advised that a Notice of Intent ("NID") was submitted to Heritage Western Cape ("HWC") on 26th September 2014. HWC confirmed in a decision dated 2nd October 2014 that further processes under Section 38 of the National Heritage Resources Act (NHRA) (Act 25 of 1999) do not apply. After reviewing the draft BAR, HWC confirmed in an email dated 23rd March 2015 that HWC's comment still stands. • With regards to HRMD comment pertaining to the current development proposal not being appropriate due to the potential negative visual impacts, the HRMD was advised that input from a visual specialist (Megan Anderson) was obtained regarding potential visual impacts associated with the proposed development. The Visual Impact

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	<ul style="list-style-type: none"> • In addition, because of the unique setting of the gardens, Kirstenbosch is part of a well- established cultural landscape. Kirstenbosch being integral to this landscape in combination with Table Mountain as a backdrop, the gardens themselves as well as views from surrounding areas and Rhodes Drive. • Heritage Resources Section (HRS) believes that Section 38 of the National Heritage Resources Act (Act No. 25 of 1999) is triggered and as such, the responsible heritage authority should be notified by the applicant. • HRS feels that the current development proposal is not appropriate due to the potential negative visual impact the building may have on the existing resources as well as the cultural landscape. Light pollution may also be a problem. • HRS is not opposed to the building in its current location however concern is raised regarding the bulk and height of the building. HRS feels that a single storey building with perhaps an organic and green design approach would be more suitable and if necessary, double storey section could be included to a lesser degree. • HRS understands that there are certain logistic requirements that need to be met by Kirstenbosch in terms of facilities and these are not rejected. • An alternative design should be considered and proposed for comment by the relevant authorities before a single design approach is accepted. • It would appear that Heritage Western Cape has been approached by the applicant for input in terms of Section 38 of the National Heritage Resources Act. HRS are uncertain as to who the relevant heritage authority in this instance is and query whether or not SAHRRRA should be involved or not. 	<p>Report (Anderson, 2014) analysed potential visual impacts associated with the proposed building, the additional parking area as well as the potential visual impacts associated with the occasional usage of the building at night. The visual specialist advised that the zone of visual influence of the proposed development is limited due to the surrounding trees and whilst the proposed development will result in a change in the visual landscape, the scenic resources of the greater area will be minimally affected and moderately affected at the local scale. If all mitigation measures proposed are included however, it is the opinion of the visual specialist that the visual impact will be low. All mitigation measures as proposed by the visual specialist have been included in the draft BAR and EMPr where applicable. The HRMD was also advised to refer to Section 8 (b): Social Impacts: Sense of place (pg. 46) of the draft BAR for a summary of the visual specialist’s findings as well as Appendix D for the full Visual Impact Report (Anderson, 2014).</p> <ul style="list-style-type: none"> • With regards to the HRMD’s comment regarding concerns of the height of the building, HRMD was advised that in order to accommodate all the departments required to be incorporated into the building, keep the new building within the existing development footprint and avoid clearance of existing trees and understorey vegetation currently growing adjacent to the proposed site, originally the height of the building was proposed at three storeys within the existing development footprint. Due to initial concerns regarding the height of the building however, the architects, VMA architects revised the elevation of the building to be a building of 2.5 storeys which lowers the building without impacting the surrounding vegetation and still allows for all the departments to be incorporated into the building. A building of 2.5 storeys will still just fit into the existing

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		<p>development footprint and no clearance of vegetation is required. A building lower than this will require a larger development footprint and some clearance of surrounding vegetation. The architects have advised that the current 2.5 storey building proposed will be designed in such a manner that it will blend into the surrounding area (use of wood and stone will feature prominently). Additionally, whilst the building itself will not be a green building, elements of green building design will be incorporated into the building where suitable. The building has thus been designed in such a manner as to consider the visual impact as well as the vegetation and sense of place. The visual specialist has advised that this design could be a positive improvement to the current visual scene at the site. The HRMD was advised to refer to Section 2 (d) Design Alternatives of the draft BAR for further detail in this regard as well as Appendix D for the full Visual Impact Report (Anderson, 2014).</p> <ul style="list-style-type: none"> • With regards to HRMD's suggestion that an alternative design is considered, HRMD was advised that initially a three storey building design was explored. The architects, VMA Architects, considered various factors in their design investigation (including the existing available development footprint, the existing vegetation, the potential visual impacts and the potential impacts on the sense of place in the area). The design contained in the development proposal is the preferred design as it considers these factors most effectively. HRMD was advised that both Heritage Western Cape as well as the visual specialist are not opposed to this preferred building design. <p>Please note: Since the distribution of the Draft Basic Assessment Report for public participation in March 2015 the architect, VMA Architects, has revised the proposed layout and design for</p>

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		<p>the upgraded administration building as per recommendations made by the City of Cape Town: Heritage Resource Management Department. Their concern was that the development proposal provided in the Draft BAR was not appropriate due to the potential negative visual impact that the building (2.5 storeys) will have on the existing resources. The architect took the CoCT's comments into consideration and amended the proposed layout and design, where appropriate, to address their concerns.</p> <p>These minor changes include:</p> <ul style="list-style-type: none"> a) The existing single storey prefabricated Kirstenbosch Head Office & Administration Building will be demolished and replaced with a new upgraded 2 storey administration building and not a 2.5 storey administration building as previously described in the Draft BAR. b) The building position will move 3m to the West and 1m to the North. <p>The Design Alternative 1 as described in the Draft Basic Assessment Report did not include the construction of a stone wall, made with Table Mountain Sandstone, at the entrance of the building. The architects have added this feature to the proposed development in order for it to have a more desirable appearance.</p>
<p>City of Cape Town: ERMD</p> <p>Contact: Suretha Dorse Date: 17 April 2015</p>	<p>Comments from the City of Cape Town: Environmental Resources Management Department include the following:</p> <ol style="list-style-type: none"> 1. A complete site layout plan all on one page should be included in the BAR. The site layout plan should show the current development footprint and then superimpose the new development footprint on top. The increase in development footprint should be included. 2. Clarification required regarding the function of the two 	<p>SEC response:</p> <ol style="list-style-type: none"> 1. The design of the administration building has undergone a change since the Draft BAR. Only the height of the building was reduced from 2.5 storeys to 2 storeys, the footprint remains the same (2500m²). A complete Site Development Plan has been compiled by the architects, including a superimposition of the new design onto the existing building. The SDP has been included in Appendix C of the final BAR.

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	<p>smaller buildings marked as “LAB” adjacent to the Fynbos Lodge and whether these buildings will be demolished.</p> <ol style="list-style-type: none"> 3. Clarification required regarding the exact position of the proposed parking area in relation to the Liesbeck River. 4. The Liesbeck River is already impacted by nutrient runoff from Kirstenbosch. Water quality impacts on the Liesbeck River as a result of the proposed development should be prevented. It is recommended that a shallow vegetated swale be installed along the edge of the permeable paving/ parking areas and access roads to capture surface run-off before it enters the water course directly. 5. Modifications to the Stormwater Management System should not create steep-sided pitfall traps for amphibians, small mammals and reptiles. 6. The need for bank stabilisation is acknowledged. The design must accommodate ecological functioning as far as possible and must incorporate a design that could potentially improve the existing degraded profile of the eroded bank. 7. The design alternatives for the bank stabilisation should include the assessment of terraces less than 1 metre in height to facilitate fauna movement, methods to facilitate plant growth and the restoration of the ecological buffer on the bank which will be affected by the construction activities. 8. Clarification required regarding whether cement works will be required as part of the gabion structure (i.e. concrete aprons, concrete foundations etc.). 9. Clarification required regarding whether the 10 metre setback line will accommodate the Ecological Buffer for the Liesbeeck River, and whether the setback line will safeguard the proposed infrastructure considering the need for stabilisation. 10. The City’s GIS system identifies the ecological buffer of the affected portion of the Liesbeck River as between 15- 	<ol style="list-style-type: none"> 2. The architects, VMA Architects, have advised that the two buildings adjacent to the existing Fynbos Lodge marked as “LAB” are existing storage and office spaces. These buildings will not be demolished. 3. The architects, VMA Architects, have advised that the proposed parking will be located in the following areas as per the Site Development Plan: <ul style="list-style-type: none"> • Parallel parking at the entrance to the site, just beyond the traffic booms and adjacent to the new security office – the visitors parking is 14.65 m from the Liesbeek River; and the parallel parking on the left of the road is 26.65 m away. • Beyond and adjacent to the new traffic circle are new parking bays for cars, motorbikes and bicycles, stretching all the way along the existing verge. • New parking bays will replace the existing IT building which is to be demolished – the closest parking from the Liesbeek river is 31.58 m away. There is also a new double garage located in this area. 4. The engineer, Orrie, Welby-Solomon & Associates cc, has advised that the water from the permeable pavers will be discharged into a detention pond that will be vegetated by plants with enhanced filtration capabilities. 5. The modifications that will be made to the Stormwater Management System will not create steep-sided pitfall traps for amphibians, small mammals and reptiles. 6. The freshwater specialist, FCG, advised that the proposed installation of gabions to stabilise the eroding section of river bank adjacent to the site is likely to result in a positive impact on the ecological integrity of the river reach.

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	<p>19 metres. A 10 metre buffer usually applies to concrete canals. An adequate ecological buffer must ensure effective long term protection of the watercourse from adjacent land uses, as well as the protection of infrastructure being placed immediately adjacent to the watercourses. Recommendations to restore the Ecological Buffer must also be included.</p> <p>11. All landscaping must be done with only locally indigenous plant species to ensure water wise gardening and reduce irrigation needs of the development area. The current abstraction from Nursery Ravine (for irrigation purposes) in its entirety is impacting on the remaining habitat of the Critically Endangered Table Mountain Ghost Frog (<i>Heleophryne rosei</i>). The reduction of irrigation requirements forms part of the larger context mitigation measures currently being investigated to reduce negative impacts to this species and protect the species from extinction.</p> <p>12. EAP was advised to look at the City of Cape Towns "Veldfire Related Planning Guidelines" (2004) which deal with fire risk management relating to development along the urban/ natural interface. Although the proposed structures are potentially less at risk from wild fires than structures elsewhere on the property, there is still a large amount of vegetation around the development area that could increase fire risk. The Guideline contains useful mitigation measures that could be incorporated into the final design.</p>	<p>7. The engineer has advised that the design of the supplier has been modified to accommodate terraces of 500mm in height.</p> <p>8. The engineer advised that the gabions will be used to stabilise the banks instead of a concrete structure. Thus no concrete will be used in stabilising the river bank.</p> <p>9. The freshwater specialist has advised that due to the existing buildings on site being located approximately 10 metres from the edge of the Liesbeeck River (Fynbos Lodge as well as the prefabricated buildings which will be refurbished), thus implementing a wider buffer is not feasible.</p> <p>10. The freshwater specialist has confirmed, based on the information provided by the architect that the area between the current building and the river will not be impinged upon by the new buildings proposed. In fact, the proposed new layout included in the development proposal contained in the Final BAR, includes shifting of the entire building 3 metres to the west and 1 metre to the north (i.e. further from the river) relative to the previous proposal.</p> <p>The freshwater specialist has further recommended protection of the river through establishing a 10m wide No-Go area from the edge of the river channel during the construction phase.</p> <p>11. Landscaping with suitable locally indigenous plant species will be a condition of the EMPr.</p> <p>The freshwater specialist advised that the habitat of the Table Mountain Ghost frog has not been considered in</p>

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		<p>the Freshwater Impact Assessment Report due to the understanding that this frog specie occurs higher up the Liesbeeck River, specifically in Skeleton and Window Gorge.</p> <p>12. SANBI has advised that the fire protection measures in place at the Gardens have been designed and implemented with reference to the Fire Protection Plan through the Veldfire Management Strategy of the Cape Peninsula Fire Protection Association.</p>
<p>Cape Nature: Contact: Rhett Smart Date: 20 April 2015</p>	<p>Comments from Cape Nature include the following:</p> <ol style="list-style-type: none"> 1. Comments from Cape Nature pertain to biodiversity related impacts only and not to the overall desirability of the proposed development. 2. Cape Nature agrees with the recommendations of the botanical specialist report (including the clearance of alien vegetation with the exception of the Stone Pines- <i>Pinus pinea</i>). 3. The stormwater management plan includes erosion stabilisation measures and recommends gabions rather than a retaining wall which is supported by Cape Nature. 4. Part of the proposal includes the installation of gabions. This project component has not been described in detail and more information is required by Cape Nature regarding this aspect of the project design. 5. The river is highly modified downstream of the site. An attempt should be made to improve the current situation on site. It is likely that the project design will address these issues however these need to be described. 6. The findings and recommendations of the freshwater specialist are supported. 7. Cape Nature agrees with the selection of the layout and technology alternatives. 	<p>In an email dated 20th April 2015, SEC responded to Cape Nature as follows:</p> <ol style="list-style-type: none"> 1. SEC acknowledged receipt of Cape Nature's comment in the draft BAR for Kirstenbosch and that comments from Cape Nature pertain to biodiversity related impacts only and not to the overall desirability of the proposed development. 2. SEC acknowledged that Cape Nature agrees with and supports the recommendations of the botanical specialist. 3. SEC acknowledged that Cape Nature supports the use of gabions as an erosion stabilizing measure as per the Stormwater Management Plan. 4. The project design regarding the gabions is provided in the amended Stormwater Management Plan that can be obtained in Appendix D of the Final BAR 5. The freshwater specialist, FCG, advised that the proposed installation of gabions to stabilise the eroding section of river bank adjacent to the site is likely to result in a positive impact on the ecological integrity of the river reach. 6. SEC acknowledged that Cape Nature supports the findings and recommendations of the freshwater specialist. 7. SEC acknowledged that Cape Nature agrees with the selection of the layout and technology alternatives.

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<p>Department of Environmental Affairs and Development Planning:</p> <p>Contact: Angelique Braaf Date: 28 April 2015</p>	<p>Comments from the Department of Environmental Affairs and Development Planning (Region 1) included the following:</p> <ol style="list-style-type: none"> 1. The Department welcomes consideration of various alternatives described and assessed in the draft BAR. 2. The Conditions and the Objectives and Measures as set out in the EMPr must be complied with during all phases of the development. 3. Written proof of back up water and power supply from the City of Cape Town should be included in the final BAR. 4. The Declarations sections should be signed by the applicant, EAP and specialists. 5. The comments received must be adequately addressed during the Public Participation Phase ("PPP") and proof of this must be provided in the form of a Comments and Responses Report. The PPP must comply with Regulation 54 of GN. No. R.543. 6. The Department recommends that the applicant be advised that the final BAR must meet the requirements stipulated in Regulation 22 of GN. No. R. 543 with reference to the "Content of the BAR". 7. The applicant is required to confirm all applicable listed activities in terms of both the EIA Regulations of 2010 and 2014. The applicant must inform all registered I&AP's of any listed activities triggered in terms of the EIA Regulations of 2014, as well as the impacts thereof and include these listed activities in the PPP of the final BAR. 	<p>SEC response:</p> <ol style="list-style-type: none"> 1. SEC acknowledged receipt of the DEA&DP's comment on the draft BAR. 2. SEC acknowledged that the Conditions and the Objectives and Measures as set out in the EMPr must be complied with during all phases of the development. 3. The site is currently connected to the municipal water supply only for emergency use ad they have an irrigation dam for irrigation purposes and the water undergoes reverse osmosis for drinking water. Only electricity services are supplied by the City of Cape Town Municipality. No increase in supply is required. 4. The Declarations sections will be signed by the applicant, EAP and specialists 5. All comments received have been addressed in the Comments & Response Table. 6. SEC will advise the applicant accordingly. 7. When the Final BAR is distributed for review by registered stakeholders, notification of the 2014 listed activities will be included.

Initial Pre-Draft BAR Comments



Enquiries Andrew September
Tel: 021 483 9543
Email: troy.smuts@westerncape.gov.za

Date: 02 October 2014
Case No: 14091706AS0919E
Auto IDs: 2809 - 3316

RESPONSE TO NOTIFICATION OF INTENT TO DEVELOP
In terms of section 38 of the National Heritage Resources Act (Act 25 of 1999)
and the Western Cape Provincial Gazette 6061, Notice 298 of 2003

Attention: Ms Kirsty Robinson
PO Box 303134
Tokai
Cape Town
7966

CASE NUMBER: 14091706AS0919E
NID: PROPOSED ADDITIONAL INFRASTRUCTURE AND FACILITY UPGRADE OON REMAINDER OF FARM 857,
KIRSTENBOSCH NATIONAL BOTANICAL GARDENS, NEWLANDS.

The matter above has reference.

Your NID dated 26 September 2014 was tabled and the following was discussed:

1. HWC discussed the proposed development and infrastructure upgrade on Remainder of Farm 857, Kirstenbosch Botanical Gardens, Newlands.
2. No heritage resources will be effected by the proposed development.
3. No further studies is required.

Decision:

1. You are hereby notified that, since there is no reason to believe that the proposed development will impact on heritage resources, further processes under Section 38 of the National Heritage Resources Act (Act 25 of 1999) do not apply.

Terms and Conditions:

1. This approval does not exonerate the applicant from obtaining local authority approval or any other necessary approval for the proposed work.
2. If any heritage resources, including archaeological material, palaeontological material, graves or human remains, are encountered work must cease and they must be reported to Heritage Western Cape immediately.
3. Heritage Western Cape reserves the right to request additional information as required.

Should you have any further queries, please contact the official above and quote the case number above.

Yours faithfully

Andrew B Hall
Chief Executive Officer
Heritage Western Cape

global

From: Amjad Hendricks <Amjad.Hendricks@aurecongroup.com>
Sent: 02 October 2014 03:47 PM
To: Kirsty Robinson
Cc: Colleen McCreadie
Subject: RE: Botanical Garden NID Forms

Hi Kirsty

Thank you for the email.

I have noted that a S34 application will be required for Fynbos Lodge.

Regards

Amjad Hendricks BTech Project Management, ND Civil Engineering
Project Management, Aurecon
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DISCLAIMER

From: Kirsty Robinson [mailto:kirsty@environmentalconsultants.co.za]
Sent: Thursday, October 02, 2014 3:26 PM
To: Amjad Hendricks
Cc: colleen@environmentalconsultants.co.za
Subject: RE: Botanical Garden NID Forms

Good afternoon Amjad,

Please see attached for your records Heritage Western Cape's ("HWC") Record of Decision for the Western Cape SANBI projects.

Additionally, please note HWC's feedback in the below email trail with regards to Kirstenbosch.

Should you have any questions, please do not hesitate to contact us.

Thank you

Warmest regards,
Kirsty Robinson



**"Environmental Solutions for a
Changing World"**

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Suite 105, Block B2, Tokai Village Centre, Vans Road, Tokai,
Cape Town, 7966

From: Troy Smuts [<mailto:Troy.Smuts@westerncape.gov.za>]

Sent: 02 October 2014 02:09 PM

To: Jayson Orton

Subject: RE: Botanical Garden NID Forms

Dear Jayson

I remember now, apologies, a S34 application is needed just for the renovation of the Fynbos Lodge.

Kind Regards

Andrew September (Interning Heritage Officer)
Heritage Western Cape
Department of Cultural Affairs and Sports
3rd Floor, Protea Assurance Building
Cape Town 8000
021 483 9543

From: Jayson Orton [<mailto:jayson@asha-consulting.co.za>]

Sent: 02 October 2014 01:48 PM

To: Troy Smuts

Subject: RE: Botanical Garden NID Forms

Hi

It's the SANBI RoDs you sent just now. At Kirstenbosch there is one building older than 60 years that will be fixed up (not significant changes though).

J

From: Troy Smuts [<mailto:Troy.Smuts@westerncape.gov.za>]

Sent: 02 October 2014 01:45 PM

To: Jayson Orton

Subject: RE: Botanical Garden NID Forms

Dear Jayson

Can you forward me the application details and/or the response we gave for that application?

Kind Regards

Andrew September (Interning Heritage Officer)
Heritage Western Cape
Department of Cultural Affairs and Sports
3rd Floor, Protea Assurance Building

Cape Town 8000
021 483 9543

From: Jayson Orton [<mailto:jayson@asha-consulting.co.za>]
Sent: 02 October 2014 01:43 PM
To: Troy Smuts
Subject: RE: Botanical Garden NID Forms

Hi Andrew

Thanks very much! That was quick processing! Can you please just clarify for me whether the applicant will still need to submit a permit application for altering a building older than 60 years or are all works hereby approved under S.38?

Thanks
Jayson

From: Troy Smuts [<mailto:Troy.Smuts@westerncape.gov.za>]
Sent: 02 October 2014 11:44 AM
To: Jayson Orton
Subject: RE: Botanical Garden NID Forms

Dear Jayson

See attached for RoD for Botanical Gardens.

Kind Regards

Andrew September (Interning Heritage Officer)
Heritage Western Cape
Department of Cultural Affairs and Sports
3rd Floor, Protea Assurance Building
Cape Town 8000
021 483 9543

From: Jayson Orton [<mailto:jayson@asha-consulting.co.za>]
Sent: 02 October 2014 10:33 AM
To: Troy Smuts
Subject: RE: Botanical Garden NID Forms

Hi Andrew

All fine thanks!

I did submit the letter with each of the applications. I attach here again for your reference.

Thanks
Jayson

From: Troy Smuts [<mailto:Troy.Smuts@westerncape.gov.za>]
Sent: 02 October 2014 10:28 AM
To: Jayson Orton <jayson@asha-consulting.co.za> ([jays@asha-consulting.co.za](mailto:jayson@asha-consulting.co.za))
Subject: Botanical Garden NID Forms

Dear Jayson

Hope you are doing well. I totally forgot to tell you about the NID forms you handed in on the 20th of September. In our staff meeting last week Friday, we noticed that there was no applicant signatures on the NID forms especially on the Karoo, Harold Porter and Kirstenbosch Botanical Garden NID forms (# 14091706, 140791707 & 14091708) . Thus, rendering these applications as incomplete unless a signature is produced. Is it fine if you can get either a letter of consent from the applicants or a signature on the NID form (you can send tis electronically) for recording reasons? Other than that there is no major problems with the NIDs.

Kind Regards

Andrew September (Interning Heritage Officer)
Heritage Western Cape
Department of Cultural Affairs and Sports
3rd Floor, Protea Assurance Building
Cape Town 8000
021 483 9543

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water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

WESTERN CAPE
Private Bag X16, Sanlamhof, 7532
52 Voortrekker Road, Bellville, 7530

☎ 021 941 6069
☎ 021 941 6077
✉ MbunqukaP@dwa.gov.za

✉ Ms. Philisiwe Mbunquka
✉ 16/2/7/G200/A/11

South African National Biodiversity Institute
Private Bag X101
SILVERTON
0184

ATTENTION: Christopher Willis

RE: PROPOSED INFRASTRUCTURE DEVELOPMENT AT KIRSTENBOSCH NATIONAL BOTANICAL GARDENS (FARM NUMBER CA875-RE), CAPE TOWN, WESTERN CAPE

The above mentioned document dated 04 November 2014 refers.

The Department perused the submitted application and agrees that the proposed development may go ahead, provided that the following conditions are adhered to:

1. It is noted that the Liesbeck River is located in very close proximity to the area which is proposed to be redeveloped. The proposed development includes the construction of gabions along the river banks. Please note that any development that triggers a water use in terms of section 21 of the National Water Act, 1998 (Act 36 of 1998) requires a water use authorization prior commencement of such a development.
2. Please note that construction of gabions along the river triggers water uses in terms of sections 21-(c) impeding or diverting the flow of water in a watercourse and -(i) altering the bed, banks, course or characteristics of a watercourse, of the National Water Act, 1998 (Act 36 of 1998) therefore authorisation must be applied for.

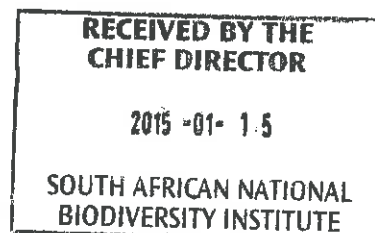
The Department will provide further comments once a copy of the Basic Assessment Report is received.

Should you have any further questions in this regard you are welcome to contact the above mentioned official.

Yours faithfully


PROVINCIAL HEAD: WESTERN CAPE

DATE: 19/11/2014



From: Mbunquka Philisiwe Ngeno (BVL) <MbunqukaP@dwa.gov.za>
Sent: 09 December 2014 12:39 PM
To: Kirsty Robinson
Subject: RE: Acknowledgement of receipt of DWA's response to SEC's query regarding the proposed developments at Kirstenbosch National Botanical Gardens, Cape Town, Western Cape.

Dear Kirsty

Please note that you can alternatively contact Mr Warren Dreyer on (021) 941 6185 for any queries related to the water use authorisation.

Regards

Philisiwe Mbunquka (Cert. Sci. Nat.)
Institutional Management: Berg-Proto CMA
Department of Water and Sanitation - WC regional office
52 Voortrekker Road
Spectrum Building
Bellville
7530
Tel: 021 941 6069
Cell: 060 569 4008
[E-mail: mbunqukap@dwa.gov.za](mailto:mbunqukap@dwa.gov.za)



water & sanitation
Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

From: Mbunquka Philisiwe Ngeno (BVL)
Sent: 08 December 2014 12:48 PM
To: 'Kirsty Robinson'
Subject: RE: RE: Acknowledgement of receipt of DWA's response to SEC's query regarding the proposed developments at Kirstenbosch National Botanical Gardens, Cape Town, Western Cape.

Dear Kirsty

As per our telephonic conversation you will need to fill the following forms:

DW 763
DW768
DW901
DW902
DW781
DW758

These form can be obtained on the Department's website (www.dwa.gov.za)

Regards

Philisiwe Mbunquka (Cert. Sci. Nat.)

Institutional Management: Berg-Proto CMA
Department of Water and Sanitation - WC regional office
52 Voortrekker Road
Spectrum Building
Bellville
7530
Tel: 021 941 6069
Cell: 060 569 4008
[E-mail: mbunqukap@dwa.gov.za](mailto:mbunqukap@dwa.gov.za)



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

From: Kirsty Robinson [<mailto:kirsty@environmentalconsultants.co.za>]

Sent: 05 December 2014 11:35 AM

To: Mbunquka Philisiwe Ngeno (BVL)

Cc: Adrian Sillito; colleen@environmentalconsultants.co.za; Amjad.Hendricks@aurecongroup.com

Subject: FW: RE: Acknowledgement of receipt of DWA's response to SEC's query regarding the proposed developments at Kirstenbosch National Botanical Gardens, Cape Town, Western Cape.

Good morning Ms. Mbunquka,

SEC received the attached correspondence from the Department of Water Affairs ("DWA") in response to SEC's query dated 4th November 2014, thank you.


SEC acknowledges that the proposed development at the Kirstenbosch National Botanical Gardens, specifically the construction of the gabions along the Liesbeck River, triggers a water use in terms of Section 21 (c) and (i) of the National Water Act, 1998 (Act 36 of 1998). As such a water use authorisation is required by the DWA prior to the commencement of the proposed development.

SEC has commenced with the preparation of the required documentation and it will be submitted to the DWA shortly.

I trust that this is in order. Should the DWA have any further input at this time, please do not hesitate to contact the undersigned.

Thank you.

**Warmest regards,
Kirsty Robinson**

 <p>"Environmental Solutions for a Changing World"</p>	<p>Kirsty Robinson–Environmental Consultant</p> <p>P: +27 (0) 21 712 5060 F: +27 (0) 21 712 5061 M: +27 (0) 76 609 9953 kirsty@environmentalconsultants.co.za Suite 105, Block B2, Tokai Village Centre, Vans Road, Tokai, Cape Town, 7966</p>
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an agency of the
Department of Arts and Culture

SOUTH AFRICAN HERITAGE RESOURCES AGENCY
BLOCK C, CASTLE OF GOOD HOPE, CAPE TOWN, 8000
PO BOX 2771, CAPE TOWN, 8001
TEL (021) 4652198 - FAX (021) 4655789

Our Ref: 9/2/018/0134
Enquiries: Gregory Ontong
Date: 2 February 2015

ASHA CONSULTING (PTY) LTD

DIRECTORS: JAYSON ORTON & CAROL ORTON

6A SCARBOROUGH ROAD,

MUIZENBERG,

7945

E-mail: Jayson@ashaconsulting.co.za

Carol@ashaconsulting.co.za

Tel: 021 788 8425

C: 083 272 3225

FOR ATTENTION: MR. ORTEN

Dear Mr. Orten

RE: PROPOSED NEW FACILITIES AT KIRSTENBOSCH NATIONAL BOTANICAL GARDEN, REMAINDER of FARM 857, M63, RHODES DRIVE, CAPE TOWN

Thank you for submitting your application to SAHRA for comment.

Discussion

The supporting documentation states that the DEA has funded developments that will address the needs of SANBI in respect of its administrative research, educational and tourism mandates at the above address.

In overview these proposals will entail the following actions:

1. Two single storey buildings will be demolished.
2. The structure in Area 2 will be replaced by a three storey structure in the same location and on a similar footprint, the other will be replaced by a car park.

3. Minor renovation and alteration of an adjacent structure (referred to as Fynbos Lodge; greater than 60 years old) will also take place.

In addition to the supporting letter and NID (HWC)- the following plans were reviewed:

Architects	Project Title	Drawing title	Project Number	Drawing number	Scale	Date	Drawn
VMA	SANBI Kirstenbosch, New Administration Building, Parking Facility and Refurbishments of Fynbos Lodge	Ground Floor Plan	G174/2013	SK0001	1:100@A1	August 2014	VM
ditto	ditto	First floor plan	G174/2013	SK0002	1:100@A1	August 2014	VM
ditto	ditto	Second Floor Plan	G174/2013	SK0003	1:100@A1	August 2014	VM
ditto	ditto	Roof plan	G174/2013	SK0004	1:100@A1	August 2014	VM
ditto	ditto	Section A- A/Section B-B	G174/2013	SK0005	1:100@A1	August 2014	VM
ditto	ditto	North Elevation	G174/2013	SK0006	1:100@A1	August 2014	VM
ditto	ditto	East Elevation/South Elevation	G174/2013	SK0007	1:100@A1	August 2014	VM
ditto	ditto	West Elevation	G174/2013	SK0008	1:100@A1	August 2014	VM
ditto	ditto	Proposed parking facility in the Entrance Precinct	G173/2013	SK0009	As shown@A1	July 2014	VM
ditto	ditto	Proposed parking facility in the Fynbos Precinct	G173/2013	SK0010	As shown@A1	July 2014	VM

Decision

SAHRA has no objection to the proposed demolition and development on the above site but wishes to raise its concern regarding the height of the proposed building in Area 2 (as per the NID).

The site on Rhodes Drive is located on a scenic and visually sensitive road and should therefore be treated as such. A revision of the height, elevation and edge conditions should be considered.

Should you have any queries in this regard, please do not hesitate to contact the Manager: SAHRA Built Environment Units, Gregory Ontong at gontong@sahra.org.za, Mr. Gcobani Sipoyo at gsipoyo@sahra.org.za and Mr. Ben Mwasinga at bmwasinga@sahra.org.za

Kind regards



Gregory Ontong
Manager: Built Environment Unit
South African Heritage Resources Agency
P.O. Box 2771
Cape Town 8001
Block C
Castle of Good Hope
Cape Town
8000
Tel: (021)4652198
Fax: 021)4655789

global

From: Kirsty Robinson
Sent: 12 February 2015 12:00 PM
To: 'gontong@sahra.org.za'
Subject: RE: Acknowledgement of receipt of SAHRA comment for the proposed developments at Kirstenbosch National Botanical Gardens
Attachments: 014037 Kirstenbosch SAHRA Comment 04.02.15a.pdf

Good morning Gregory,

SEC received SAHRA's decision (attached) for the proposed infrastructure developments at Kirstenbosch, thank you.

Please note, the architect, VMA Architects, have revised the elevation of the building to be a building of 2.5 storeys instead of the originally proposed three storeys.

Please be advised that we have also received input from a visual specialist. The specialist advises that whilst the proposed development will result in a change in the visual landscape, with all mitigation measures included, the visual impact will be low.


All visual impact mitigation measures have been included in the development proposal.

It is anticipated that the Draft BAR (including all relevant site plans and the visual impact assessment report) will be ready for public participation within the next month. SEC will notify SAHRA as soon as the Draft BAR becomes available.

I trust this is in order?

Should you have any further queries or concern, please do not hesitate to contact me.

**Warmest regards,
Kirsty Robinson**

 <p>"Environmental Solutions for a Changing World"</p>	<p>Kirsty Robinson—Environmental Consultant</p> <p>P: +27 (0) 21 712 5060 F: +27 (0) 21 712 5061 M: +27 (0) 76 609 9953 kirsty@environmentalconsultants.co.za Suite 105, Block B2, Tokai Village Centre, Vans Road, Tokai, Cape Town, 7966</p>
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global

From: Gregory Ontong <gontong@sahra.org.za>
Sent: 12 February 2015 12:34 PM
To: Kirsty Robinson
Cc: Gcobani Sipoyo; Ben Mwasinga
Subject: Re: Acknowledgement of receipt of SAHRA comment for the proposed developments at Kirstenbosch National Botanical Gardens

Dear Ms Robinson

Noted. Thank you.

Kind regards
Greg

From: "Kirsty Robinson" <kirsty@environmentalconsultants.co.za>
To: gontong@sahra.org.za
Sent: Thursday, 12 February, 2015 11:59:56 AM
Subject: RE: Acknowledgement of receipt of SAHRA comment for the proposed developments at Kirstenbosch National Botanical Gardens

Good morning Gregory,

SEC received SAHRA's decision (attached) for the proposed infrastructure developments at Kirstenbosch, thank you.

Please note, the architect, VMA Architects, have revised the elevation of the building to be a building of 2.5 storeys instead of the originally proposed three storeys.

Please be advised that we have also received input from a visual specialist. The specialist advises that whilst the proposed development will result in a change in the visual landscape, with all mitigation measures included, the visual impact will be low.

All visual impact mitigation measures have been included in the development proposal.

It is anticipated that the Draft BAR (including all relevant site plans and the visual impact assessment report) will be ready for public participation within the next month. SEC will notify SAHRA as soon as the Draft BAR becomes available.

I trust this is in order?

Should you have any further queries or concern, please do not hesitate to contact me.

Warmest regards,
Kirsty Robinson



"Environmental Solutions for a

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kirsty@environmentalconsultants.co.za

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Cape Town, 7966

--

Gregory Ontong
Manager: Built Environment Unit
South African Heritage Resources Agency
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Castle of Good Hope
Cape Town
8000
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Draft BAR Comments

Lauren Le Roux

From: Andrew T September <Andrew.September@westerncape.gov.za>
Sent: 23 March 2015 04:33 PM
To: Kirsty Robinson
Subject: Kirstenbosch & Harold Porter DRAFT BAR #14091706AS0919E & 14091708AS0919E
Attachments: RoD 2809.pdf; RoD 2808.pdf

Dear Kirsty Robinson

HWC has received the two draft BAR's for the above-mentioned cases. HWC comment for both applications stands.

Kind Regards

Andrew September (Interning Heritage Officer)
Heritage Western Cape
3rd Floor Protea Assurance Building
Greenmarket Square
Cape Town
8000
021 483 9543/9680

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Lauren Le Roux

From: Kirsty Robinson
Sent: 21 April 2015 12:11 PM
To: mmachakat@dwa.gov.za
Subject: RE: SEC Response to DWS Comment on the draft BAR for Kirstenbosch
Attachments: 014037 DBAR DWA Comment 09.04.15.pdf; 014037 Kirstenbosch Stormwater Management Plan 06.11.14.pdf

Good morning Ms. Mmachaka,

SEC acknowledges receipt of the DWS's comment on the draft BAR for the proposed infrastructure developments at Kirstenbosch National Botanical Garden, thank you.

Please see below for SEC's responses to the DWS's comments.

1. Water Use and Authorisation

SEC acknowledges that the proposed developments will trigger a water use (Section 21 (c) and Section 21 (i)) in terms of Section 21 of the National Water Act, 1998 (Act No. 36 of 1998) ("NWA") and a water use license authorisation ("WULA") will need to be applied for.

SEC is currently in the process of compiling a WULA for submission to the DWS. This includes the completion of forms DW757, DW763, DW768, DW775, DW781, DW901 and DW 902. An Impact Assessment Report, certified copy of the applicant's ID and copy of the property title deeds will also accompany the fully completed forms.

A copy of the full WULA as submitted to the DWS will be included with the final BAR.

SEC also notes that a water use authorisation must be obtained and the Section 21 (c) and Section 21 (i) water uses must be registered in terms of Section 26 (i) (c) and Section 32 (2) of the NWA prior to commencement of the proposed activities. The applicant will be advised accordingly.

2. Construction & Operational Environmental Management

SEC notes that the DWS requires the Civil Design Drawing and Report of the structures that will affect the watercourse. Please find attached a copy of the Stormwater Management Plan (Orrie, Welby and Solomons, 2014) as submitted with the draft BAR which details the structures that will affect the watercourse (gabions). Please refer to page 19- 21 for detail in this regard.

Please note, the City of Cape Town: Environmental Resources Management Department ("ERMD") requires some updates to be incorporated into the SMP (further detail on the water volume calculations and the investigation of terraces less than 1 metre in height) . The civil engineers are currently working on updating the SMP accordingly. The updated version will be included with the final BAR and sent to the DWS if required.

3. Additional Comments

SEC notes the DWS's additional conditions. These conditions will be included in the final BAR and final EMPr where necessary.

SEC thanks the DWS for their input at this stage of the process.

Warmest regards,



**"Environmental Solutions for a
Changing World"**

Kirsty Robinson–Environmental Consultant

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water & sanitation

Department:
Water and Sanitation
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014037

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✉ Ms. Mmachaka

📁: 16/2/7/G200/A/11

Sillito Environmental Consulting cc
P. O. Box 30134
TOKAI
7966

Attention: Kirsty Robison

BASIC ASSESSMENT REPORT FOR THE PROPOSED INFRASTRUCTURE DEVELOPMENTS ON FARM CA875-RE KIRSTENBOSCH NATIONAL BOTANICAL GARDENS, WESTERN CAPE

This letter has reference to your Basic Assessment Report with DEA&DP reference number 14/12/16/3/3/1/1/1269 dated 06 March 2015 submitted to this office for comments on the above activity (ies).

The Department has perused the document and has the following comments:

1. Water Use and Authorization

- a) The Department noted that the proposed developments will trigger the following water use (s) in terms Section 21 of the National Water Act, 1998 (Act 36 of 1998).
 - Section 21(c) impeding or diverting the flow of water in the watercourse and
 - Section 21 (i) altering the bed, banks, course or characteristics of a watercourse.
- b) Your client is advised to apply for water use authorization in terms of Section 22 of the National Water Act, 1998 (Act 36 of 1998).
- c) The applicant is advised to apply and obtain the water use authorization prior commencement of the proposed activities.
- d) Your client must register the following water uses prior commencement in terms of Section 26 (1)(c) and 34(2) of National Water Act, 1998 (Act 36 of 1998):
 - Section 21(c) of the Act: Impeding or diverting the flow of water in a watercourse and
 - Section 21(i) of the Act: Altering the bed, banks course or characteristics of a watercourse.

-
- e) The application forms (DW757, DW763, DW768, DW775, DW781, DW901 and DW902) can be downloaded from the Departmental website at www.dwa.gov.za. The application forms must be submitted together with a certified ID copy of the applicant and title deeds where water uses take place.
- f) An Impact Assessment Report indicating the impacts of the intended water uses on the characteristics of the water course (Biota, Water Quality, Flow regime and Habitat) must accompany the fully completed application forms.
2. **Construction and Operational Environmental Management**
- a) Civil design drawing and a report of the structures that will affect a watercourse must be submitted to this office for approval prior to commencement of the activities.
3. **Furthermore the following conditions must be adhered to at all times:**
1. No pollution of surface water or ground water resources may occur due to activities on the property.
 2. Chemical toilets that will be utilized during the construction phase must be located such that it does not pose a risk of water pollution and its contents must be disposed of at an appropriate facility.
 3. Oil spillages from vehicles on-site must be controlled to prevent pollution of water resources.
 4. Soil erosion on site must be prevented at all times, during and post construction activities.

This office reserves the right to revise its initial comments and request additional information that may arise from correspondence and/or upon inspection.

Please do not hesitate to contact the above official should there be any queries.

Yours faithfully


^h CHIEF DIRECTOR: WESTERN CAPE

Letter signed by: Mrs. M. Lintnaar-Strauss
Designation: Control Environmental Offer: Berg-Olifants CMA
DATE: 17 March 2015

Lauren Le Roux

From: Kirsty Robinson
Sent: 29 April 2015 10:39 AM
To: 'Angelique.Braaf@westerncape.gov.za'
Subject: RE: SEC Response to DEA&DP's comments on the draft BAR for the proposed infrastructure developments at Kirstenbosch.
Attachments: 014037 DBAR DEA&DP Comment 28.04.15.pdf

Good morning Angelique,

Thank you for the DEA&DP's comments on the draft BAR for the proposed infrastructure developments at Kirstenbosch.

Please see SEC's responses to the DEA&DP comments below:

2a. No response required.

2b. SEC acknowledges that the DEA&DP requires that the Conditions, Objectives and Measures included in the EMPr must be complied with at all phases of the proposed development.

2c. Written proof of back-up water and power supply from the City of Cape Town will be included in the final BAR.

2d. SEC confirms that the Applicant, EAP and specialist declarations will contain original signatures upon submission of the final BAR to the DEA for a decision.

2e. SEC has compiled a Comments and Responses Report which contains all comments received and responses sent to date. The Comments and Responses Report will be contained in **Appendix E3** of the final BAR. Copies of correspondence will be included in **Appendix E6** of the final BAR. Following the circulation of the final BAR for the final PPP, the Comments and Responses Report will be updated to include all additional comments received and responses sent. The updated Comments and Responses Report will be included with the final BAR when it is submitted to the DEA for a decision.

2f. SEC confirms that the BAR and associated appendices meet the requirements stipulated in Regulation 22 of GN. No. R. 543 ("Content of the BAR").

2g. As per **Section (b)** of the BAR which contains a detailed description of the listed activities associated with the project as applied for, the following listed activities have been identified and have been applied for:

2010 Listed Activities:

- GN 544 Listing Notice 1: Activity 11
- GN 544 Listing Notice 1: Activity 18
- GN 544 Listing Notice 1: Activity 40
- GN 546 Listing Notice 3: Activity 24


2014 Listed Activities:

- GN 983 Listing Notice 1: Activity 12
- GN 983 Listing Notice 1: Activity 19
- GN 983 Listing Notice 1: Activity 49
- GN 985 Listing Notice 3: Activity 14
- GN 985 Listing Notice 3: Activity 23

Prior to the commencement of the final PPP the EAP will notify all registered I&AP's of the listed activities triggered in terms of both the 2010 and 2014 EIA Regulations.

I trust this is in order. Should the DEA&DP have any queries at this stage, please do not hesitate to contact the EAP further.

**Warmest regards,
Kirsty Robinson**

 <p>"Environmental Solutions for a Changing World"</p>	<p>Kirsty Robinson–Environmental Consultant</p> <p>P: +27 (0) 21 712 5060 F: +27 (0) 21 712 5061 M: +27 (0) 76 609 9953 kirsty@environmentalconsultants.co.za Suite 105, Block B2, Tokai Village Centre, Vans Road, Tokai, Cape Town, 7966</p>
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**Western Cape
Government**

Environmental Affairs and
Development Planning

**DIRECTORATE: DEVELOPMENT MANAGEMENT
REGION 1**

REFERENCE: 16/3/3/6/4/1/1/A6/43/2038/15
ENQUIRIES: ANGELIQUE BRAAF
DATE OF ISSUE: 2015-04-28
DEA REFERENCE: 14/12/16/3/3/1/1269

The Head of Department
Department of Environmental Affairs
Environment House
473 Steve Biko Street
Arcadia
PRETORIA
0083

Attention: Ms Mmallala Rabothata

Tel.: (012) 399 9372
Email: mrabothata@environment.gov.za

Dear Madam

**COMMENT ON THE DRAFT BASIC ASSESSMENT REPORT ("BAR") FOR THE PROPOSED
INFRASTRUCTURE DEVELOPMENTS ON FARM CA875-RE KIRSTENBOSCH NATIONAL BOTANICAL
GARDEN**

1. The abovementioned document dated 06 March 2015 that was received by this Department on 04 March 2015, refers.
2. Having considered the information contained in the aforementioned draft BAR, the Department wishes to raise the following with regard to the proposed infrastructure developments on Farm CA875-RE Kirstenbosch National Botanical Garden:
 - a) This Department welcomes the consideration of the various alternatives described and assessed in the draft BAR.
 - b) The Conditions and the Objectives & Measures as set out in the Environmental Management Programme must be complied with, *i.e.* Sensitive Areas such as the areas of indigenous critically endangered vegetation as well as the area surrounding the Liesbeeck River are to be demarcated and regarded as "no-go" areas during all phases of the development and construction impacts are to be fully assessed before any commencement.
 - c) Written proof of back-up water and power supply from the City of Cape Town should be included in the final BAR.
 - d) The Declarations sections should be signed by the applicant, Environmental Assessment Practitioner ("EAP") and specialists.

10th Floor, 1 Dorp Street, Cape Town, 8001
Tel: +27 21 483 5573/3185 fax: +27 21 483 4372
Electronic mail: Angelique.Braaf@westerncape.gov.za

Private Bag X9086, Cape Town, 8000
www.westerncape.gov.za/eadp

Phyllis

From:

To: 00217125061

28/04/2015 14:58

#523 P.002/002

- e) The comments received must be adequately addressed during the Public Participation Process ("PPP") and proof of this must be provided in the form of a Comments/Responses report. The PPP must comply with Regulation 54 of GN No. R. 543.
 - f) This Department also recommends that the applicant be advised that the final BAR must meet the requirements stipulated in Regulation 22 of GN No. R. 543 with reference to the "Content of BAR".
 - g) Please advise the applicant that the applicant is required to confirm all applicable listed activities in terms of both the Environmental Impact Assessment ("EIA") Amendment Regulations of 2010 and the EIA Regulations of 2014. The applicant must therefore inform all the registered Interested & Affected Parties of any listed activities triggered in terms of the EIA Regulations of 2014, as well as the impacts thereof and include all these listed activities in the PPP of the final BAR.
3. This Department reserves the right to revise its initial comments and request further information from you based on any new or revised information received.

Yours Faithfully



PP
HEAD OF DEPARTMENT

DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND DEVELOPMENT PLANNING

Copied to: (1) Ms K. Robinson

(Silito Environmental Consulting)

Fax: (021) 712 5061

Lauren Le Roux

From: Kirsty Robinson
Sent: 20 March 2015 02:50 PM
To: 'Herman Alberts'
Cc: Eia Admin
Subject: RE: 14/12/16/3/3/1/1269 Acknowledgment of receipt of draft BAR


Good afternoon Mr. Alberts,

SEC acknowledges receipt of the attached document for the proposed infrastructure developments at Kirstenbosch National Botanical Garden, Western Cape.

SEC notes that the DEA will only start reviewing the BAR once the Final Basic Assessment Report is received and that the activity may not commence prior to Environmental Authorisation.

Thank you.

**Warmest regards,
Kirsty Robinson**

 <p>"Environmental Solutions for a Changing World"</p>	<p>Kirsty Robinson–Environmental Consultant</p> <p>P: +27 (0) 21 712 5060 F: +27 (0) 21 712 5061 M: +27 (0) 76 609 9953 kirsty@environmentalconsultants.co.za Suite 105, Block B2, Tokai Village Centre, Vans Road, Tokai, Cape Town, 7966</p>
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From: Herman Alberts [<mailto:HAlberts@environment.gov.za>]
Sent: 20 March 2015 09:45 AM
To: Kirsty Robinson
Cc: Eia Admin
Subject: 14/12/16/3/3/1/1269 Acknowledgment of receipt of draft BAR

Dear Ms Robinson,

Please find attached acknowledgment of receipt of draft Basic Assessment Report for the above-mentioned project.

**Kind Regards
Herman (Attie) Alberts**

Environmental Officer Specialised Production
Department of Environmental Affairs
Chief Directorate: Integrated Environmental Authorisations

1st Floor, Block A1
Environment House
473 Steve Biko Road, Arcadia
Pretoria
0083

Tel: (012) 399 9371
E-mail: HAlberts@environment.gov.za
Website: www.environment.gov.za



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environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Private Bag X 447 · PRETORIA · 0001 · Environment House · 473 Steve Biko Road · PRETORIA
Tel (+ 27 12) 399 9372

DEA Reference: 14/12/16/3/3/1/1269
Enquiries: Mr Herman Alberts
Tel: 012 399 9371 **E-mail:** HAlberts@environment.gov.za

Ms Kirsty Robinson
Sillito Environmental Consulting
PO Box 30134
TOKAI
7966

Tel: 021 712 5060
E-mail: kirsty@environmentalconsultants.co.za

PER MAIL/ E-MAIL

Dear Ms Robinson

ACKNOWLEDGEMENT OF RECEIPT OF DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED INFRASTRUCTURE DEVELOPMENTS ON FARM CA875, RE, KIRSTENBOSCH NATIONAL BOTANICAL GARDENS, WESTERN CAPE PROVINCE

The Department confirms having received the draft Basic Assessment Report dated 06 March 2015 for the above-mentioned project on 05 March 2015.

The Department will start reviewing once the final Basic Assessment Report has been received.

You are hereby reminded that the activity may not commence prior to an Environmental Authorisation being granted by the Department.

Yours sincerely

Mr Sabelo Malaza
Chief Director: Integrated Environmental Authorisations
Department of Environmental Affairs
Letter signed by: Mr Herman Alberts
Designation: Environmental Officer: Integrated Environmental Authorisations
Date: 19/03/2015

Lauren Le Roux

From: Kirsty Robinson
Sent: 22 April 2015 04:22 PM
To: 'Justin.Smit@capetown.gov.za'
Subject: RE: Acknowledgement of receipt of comments on the draft BAR for Kirstenbosch

Good afternoon Justin,

SEC received the Transport, Stormwater and Sustainability Department's comment on the draft BAR for the proposed infrastructure developments at Kirstenbosch National Botanical Garden, thank you.

SEC acknowledges that the Transport, Stormwater and Sustainability Department are in favour of the proposed gabion option for river bank stabilisation.


SEC notes however that the Department requires additional information in terms of water quality volume calculations as well as the design system for the permeable paving. SEC further notes that the Department also requests confirmation on certain aspects of the Stormwater Management Plan (i.e. the difference between the pre and post development volume and confirmation that the upper reach of the Liesbeck can be contained within the stream).

The Stormwater Management Plan ("SMP") will be revised accordingly to incorporate the required additional information. The updated SMP will be include with the final BAR.

I trust this is in order. Should you have any queries at this stage, please do not hesitate to contact me further.

Thank you for your input at this stage.

Warmest regards,
Kirsty Robinson

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Lauren Le Roux

From: Kirsty Robinson
Sent: 20 April 2015 05:06 PM
To: 'Roy.Page@capetown.gov.za'
Subject: RE: Acknowledgement of receipt of comments on the draft BAR for Kirstenbosch


Good afternoon Roy,

SEC received the Transport, Infrastructure and Plant Maintenance Department's comment on the draft BAR for the proposed infrastructure development at Kirstenbosch National Botanical Garden, thank you.

SEC acknowledges that according to the Department, there are no material changes to the access onto Rhodes Drive and internal work is deemed private. As such, the Department has no further comments at this stage.

Thank you for your input at this stage.

Warmest regards,
Kirsty Robinson

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Lauren Le Roux

From: Kirsty Robinson
Sent: 20 April 2015 04:13 PM
To: Kier.Hennesy@capetown.gov.za
Subject: RE: Acknowledgement of receipt of comments on the draft BAR for Kirstenbosch

Good afternoon Kier,


SEC received your comment on the draft BAR for the proposed infrastructure development at Kirstenbosch National Botanical Garden, thank you.

SEC acknowledges that there are no conflicts with the provision of the City of Cape Town's Spatial planning policy.

SEC also notes that Spatial Planning has no objections to the development proposal.

Thank you for your input at this stage.

Warmest regards,
Kirsty Robinson

 <p>Sillitò ENVIRONMENTAL CONSULTING</p> <p>"Environmental Solutions for a Changing World"</p>	<p>Kirsty Robinson–Environmental Consultant</p> <p>P: +27 (0) 21 712 5060 F: +27 (0) 21 712 5061 M: +27 (0) 76 609 9953 kirsty@environmentalconsultants.co.za Suite 105, Block B2, Tokai Village Centre, Vans Road, Tokai, Cape Town, 7966</p>
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Lauren Le Roux

From: Kirsty Robinson
Sent: 20 April 2015 04:59 PM
To: 'chantel.erlank@capetonw.gov.za'
Subject: RE: Acknowledgement of receipt of comments on the draft BAR for Kirstenbosch

Good afternoon Chantel,

SEC received Solid Waste Management's comment on the draft BAR for the proposed infrastructure development at Kirstenbosch National Botanical Garden, thank you.

SEC acknowledges that Solid Waste Management has no objection to the proposed infrastructure developments at Kirstenbosch and has sufficient unallocated capacity to accept, collect and dispose of all types of waste to a designated landfill site.


SEC notes that Solid Waste Management advises that an appropriate Waste Management System should be in place and further notes Solid Waste Managements' recommended waste management measures to reduce any negative impacts on the environment (i.e. the recommended measures for recycling and / or re-use of waste where possible, appropriate disposal of different kinds of waste). These measures will be included BAR and EMPr where applicable.

SEC acknowledges that the proposed development will not have any implications on the infrastructure of the area provided that a permitted refuse disposal site is identified and a refuse room is included in the planning stages of the development to the satisfaction of the Director: Solid Waste Management. The architect, VMA Architects, will be consulted in this regard.

SEC also notes the conditions as contained in the "Standard Building Regulations: Conditions for Removal/ Collection of Refuse", "Hazardous, Biological or Chemical Waste Regulations" and the "Minimum Requirements for Single Residential/ Rural Units- Access from Public Roads".

Thank you for your input at this stage.

**Warmest regards,
Kirsty Robinson**

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Lauren Le Roux

From: Kirsty Robinson
Sent: 24 April 2015 12:55 PM
To: 'mark.bell@capetown.gov.za'
Cc: Colleen McCreadie (colleen@environmentalconsultants.co.za)
Subject: RE: SEC Response to Hersource Management's comment on the Kirstenbosch draft BAR
Attachments: Appendix 1_Heritage Resource Management April 15.pdf

Good afternoon Mark,

SEC received Heritage Resources Managements' comment on the draft BAR for the proposed infrastructure developments at Kirstenbosch National Botanical Garden, thank you.

We have tried to contact you telephonically but have not been able to get through. As such, please see below for SEC's responses (in purple) to Heritage Resources' comment.

1. Heritage Resources Section (HRS) believes that Section 38 of the National Heritage Resources Act (Act No. 25 of 1999) is triggered and as such, the responsible heritage authority should be notified by the applicant:

A Notice of Intent ("NID") was submitted to Heritage Western Cape ("HWC") on 26th September 2014. HWC confirmed in a decision dated 2nd October 2014 that there is no reason to believe that the proposed development will impact on heritage resources and further processes under Section 38 of the National Heritage Resources Act (Act 25 of 1999) do not apply. After reviewing the draft BAR, HWC confirmed in an email dated 23rd March 2015 that HWC's comment still stands.

2. HRS feels that the current development proposal is not appropriate due to the potential negative visual impact the building may have on the existing resources as well as the cultural landscape. Light pollution may also be a problem.

Input from a visual specialist (Megan Anderson) has been obtained regarding potential visual impacts associated with the proposed development. The Visual Impact Report (Anderson, 2014) analyses potential visual impacts associated with the proposed building, the additional parking area as well as the potential visual impacts associated with the occasional usage of the building at night.

The visual specialist has advised that the zone of visual influence of the proposed development is limited due to the surrounding trees and whilst the proposed development will result in a change in the visual landscape, the scenic resources of the greater area will be minimally affected and moderately affected at the local scale. If all mitigation measures proposed are included however, it is the opinion of the visual specialist that the visual impact will be low. All mitigation measures as proposed by the visual specialist have been included in the draft BAR and EMPr where applicable.

Please refer to **Section 8 (b): Social Impacts: Sense of place** (pg. 46) of the draft BAR for a summary of the visual specialist's findings as well as **Appendix D** for the full Visual Impact Report (Anderson, 2014).

3. HRS is not opposed to the building in its current location however concern is raised regarding the height of the building. HRS feels that a single storey building with perhaps an organic and green design approach would be more suitable and if necessary, double storey section could be included to a lesser degree.

To accommodate all the departments required to be incorporated into the building, keep the new building within the existing development footprint and avoid clearance of existing trees and understorey vegetation currently growing adjacent to the proposed site, originally the height of the building was proposed at three storeys within the existing development footprint.

Due to initial concerns regarding the height of the building however, the architects, VMA architects revised the elevation of the building to be a building of 2.5 storeys which lowers the building without impacting the surrounding vegetation and still allows for all the departments to be incorporated into the building. A building of 2.5 storeys will still just fit into the existing development footprint and no clearance of vegetation is required. A building lower than this will require a larger development footprint and some clearance of surrounding vegetation.

The architects have advised that the current 2.5 storey building proposed will be designed in such a manner that it will blend into the surrounding area (use of wood and stone will feature prominently). Additionally, whilst the building itself will not be a green building, elements of green building design will be incorporated into the building where suitable. The building has thus been designed in such a manner as to consider the visual impact as well as the vegetation and sense of place. The visual specialist has advised that this design could be a positive improvement to the current visual scene at the site.

Please refer to **Section 2 (d) Design Alternatives** of the draft BAR for further detail in this regard as well as **Appendix D** for the full Visual Impact Report (Anderson, 2014).


4. An alternative design should be considered and proposed for comment by the relevant authorities before a single design approach is accepted.

As noted above, initially a three storey building design was explored. The architects, VMA Architects, considered various factors in their design investigation (including the existing available development footprint, the existing vegetation, the potential visual impacts and the potential impacts on the sense of place in the area). The design contained in the development proposal is the preferred design as it considers these factors most effectively.

As noted above, both Heritage Western Cape as well as the visual specialist are not opposed to this preferred building design. As such no new designs will be considered going forward.

I trust this is in order. Should you have any further queries at this stage, please do not hesitate to contact me.

Warmest regards,
Kirsty Robinson

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Lauren Le Roux

From: Kirsty Robinson
Sent: 20 April 2015 04:20 PM
To: 'elton.van_reenen@capetown.gov.za'
Subject: RE: Acknowledgement of receipt of comments on the draft BAR for Kirstenbosch

Good afternoon Elton,


SEC received your comment on the draft BAR for the proposed infrastructure development at Kirstenbosch National Botanical Garden, thank you.

SEC acknowledges that Electricity Services do not anticipate that additional capacity will be required for the proposed development and medium and low voltage electrical infrastructure currently exists within the area.

SEC notes that alterations and deviations to electricity services are to be carried out at the applicant's cost.

Thank you for your input at this stage.

Warmest regards,
Kirsty Robinson

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Lauren Le Roux

From: Kirsty Robinson
Sent: 22 April 2015 03:56 PM
To: 'claude.madell@capetown.gov.za'
Subject: RE: Kirstenbosch TIA Query

Hi Claude,

Thank you for taking the time to speak with me a moment ago. It is appreciated.

As discussed, the proposed development entails the redevelopment and upgrade of an existing 2 500 m² area of the developed portion of the Kirstenbosch National Botanical Garden. (See map below).

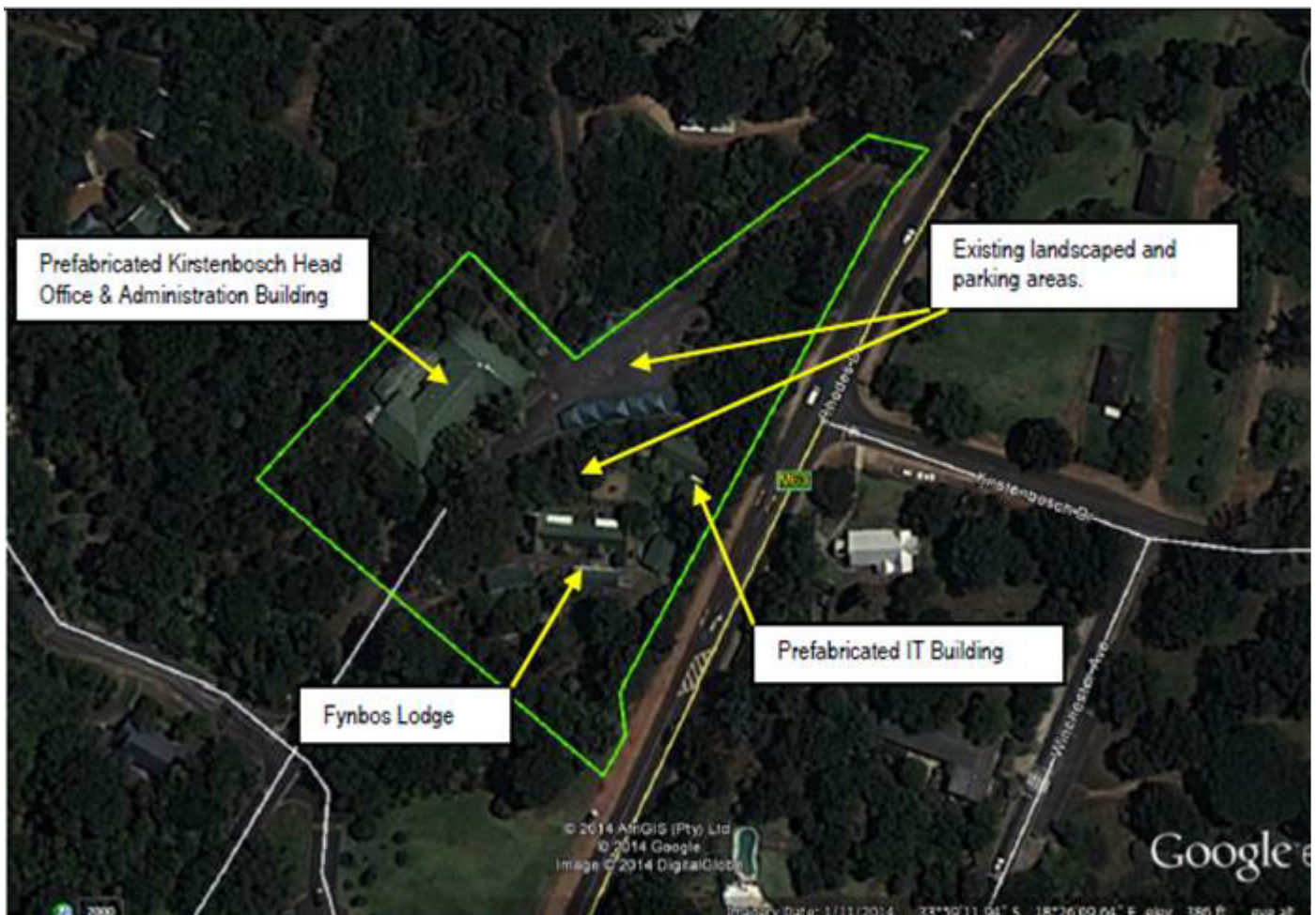


Figure 1: Site Map indicating the 2 500 m² area (delineated in green) of the developed portion of Kirstenbosch proposed for redevelopment.

As discussed, the proposed development entails the demolition of the existing 1 storey prefabricated Kirstenbosch Head Office & Administration Building as well as the prefabricated IT building.

The Head Office and Administration building will be replaced with a new 2.5 storey building (which will incorporate all the departments currently located within this area) whilst the space where the current prefabricated IT building and a portion of the garden area directly in front of it will be replaced with additional parking bays. The architects, VMA architects, have advised that the small parking area will have a provision for a maximum of 50 cars.


The existing landscaped and parking areas indicated on the map will remain in place.

The proposed developments will be located entirely within the private staff area and as such no changes are required to Rhodes Drive or the existing internal access roads within Kirstenbosch. No additional access roads within the area proposed for redevelopment are required.

In light of the information provided above, as discussed, please can you confirm whether a Traffic Impact Assessment is still required? Or whether a site map confirming the existing parking and access roads and indicating the additional proposed parking areas will suffice in this regard?

Your input is very much appreciated. Thank you.

**Warmest regards,
Kirsty Robinson**

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Lauren Le Roux

From: Suretha Dorse <Suretha.Dorse@capetown.gov.za>
Sent: 17 April 2015 03:41 PM
To: Kirsty Robinson
Subject: FW: Kirstenbosch Botanical Gardens - proposed development

Dear Kirsty

Apologies but we received this comment submission from our Traffic Impact Assessment department today. It was too late for inclusion in our formal comment but still within the deadline of submissions to you. Please include this as CoCT comment.

Kind regards
Suretha

Suretha Dorse

Senior Environmental Professional

Environmental and Heritage Management Branch
Environmental Resources Management Department

Physical address: Ground floor, 3 Victoria Road, Plumstead, 7800, South Africa

Postal address: Private Bag X5, Plumstead, 7801, South Africa

Tel: 021 444 2608

Fax: 021 710 8002 / 086 588 0319

E-mail: Suretha.Dorse@capetown.gov.za

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STAD KAAPSTAD

Making progress possible. Together.

From: Claude Madell
Sent: 17 April 2015 02:55 PM
To: Suretha Dorse
Cc: Nathaniel Williams
Subject: RE: Kirstenbosch Botanical Gardens - proposed development

Hi Suretha,

TCT: Transport Planning comment are as follows:

A Transport Impact Assessment (TIA), investigating impact of new development traffic on the external road network, on-site parking and access requirements, must be included with this application. The TIA must be conducted by a registered Traffic Engineer with the scope of the study approved by TCT: Transport Planning, prior to commencement of the study.

TCT Transport Planning will provide further comment on submission of the TIA.

Regards,

Claude Madell Pr Tech Eng

Regional Co-ordinator: South Region
Transport Impact Assessment & Development Control
TCT: Transport Planning

1stth Floor, 3 Victoria Road, Plumstead

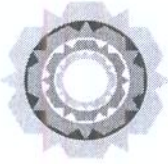
Tel: 021 444 9519

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2015-04-08

Director: Energy, Environmental and Spatial Planning
cnr Main and Victoria Road
Plumstead
7800

Attention: Mrs Suretha Dorse

REQUEST FOR COMMENT: Draft Basic Assessment Report for Kirstenbosch Botanical Gardens – Proposed development

1. The report submitted states that the existing infrastructure currently located at the site of the proposed development has all the necessary services with adequate capacity in place. Electricity services do not therefore anticipate that any additional capacity will be required.
2. We can confirm that medium and low voltage electrical infrastructure does exist in the area.
3. Any alterations or deviations to electricity services necessary as a consequence of the proposal will be carried out at the applicant's cost.

Yours faithfully



DIRECTOR: ELECTRICITY



Chantel Erlank
Administrative Officer 1

T: +27 21 400 5576 F: +27 86 576 2197
E: chantel.erlank@capetown.gov.za

Application Number/Case Number:
Reference Number:

Date:	16 March 2015
Subject:	DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED INFRASTRUCTURE DEVELOPMENTS AT KIRSTENBOSCH NATIONAL BOTANICAL GARDEN, WESTERN CAPE
Attention:	Suretha Dorse

The council wishes to ensure that all new developments, require planning permission, contain suitable accommodation for the storage and disposal of waste to a licenced landfill site.

Council reserves the right to service all residential properties that falls within its boundaries for refuse removal services. In terms of the Waste Management Tariff Policy, Section 18.2.1 all residential properties are compelled to use council refuse removal services and may not use private contractors directly. Please refer to the attached Waste management tariff policy for more information. **Non-residential properties may opt to use either Council services or a private contractor directly.**

ENVIRONMENTAL IMPACT ASSESSMENTS (EIA) – CONFIRMATION OF AVAILABILITY SOLID WASTE SERVICES AND LANDFILL SITE CAPACITY: DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED INFRASTRUCTURE DEVELOPMENTS AT KIRSTENBOSCH NATIONAL BOTANICAL GARDEN, WESTERN CAPE

WITH REFERENCE TO YOUR EMAIL DATED 12 MARCH 2015 FROM SURETHA DORSE, PLEASE SEE COMMENTS HEREUNDER:

In connection with the above Proposed Infrastructure Development, I confirm that Solid waste (Collections) as the Service Provider in the Kirstenbosch Area has **NO OBJECTION** to the Proposed Infrastructure Developments at Kirstenbosch National Botanical Garden and has sufficient unallocated capacity to accept and collect and dispose of all types of waste to a designated licence landfill site. A good waste management system must be in place to handle all waste generated by the activities and to mitigate against negative impact on the environment. The generation of construction waste and waste during the operation phases should be recycled on site or re used to fill up other sites and clean builders rubble can be disposed of at the nearest licenced under the guidance of the City of cape Town. Please refer to the attached disposal tariff list for more information. The waste generated by the construction personnel e.g. lunch remains and packaging etc. must be placed in approved refuse bins on site during the construction phases. The proposed development will not have any implications on the infrastructure of the area provided that the contractors identify a permitted refuse disposal site for various categories of waste, provided that a refuse room is included in the planning stages of the development for the storage of waste to the satisfaction of the Director: Solid Waste Management.

A. STANDARD BUILDING REGULATIONS: CONDITIONS FOR REMOVAL / COLLECTION OF REFUSE
Applicable to sectional title or cluster development, secured complexes, flat complex, shopping mall/centre (retail) or office complexes, factories and warehousing.

U1- PROVISION OF AREAS

Any building, excluding a dwelling house, in which refuse will be generated, shall be provided with an adequate centralised refuse room (which comply with the attached standards and guidelines for refuse storage areas). That the refuse room be provided in a position nearest to an access road (public road) and be accessible for the Council's refuse collection vehicles at all times as this vehicle and/ its crew members (Council staff) will not enter onto private property. Premises such as Places of Worship (churches, mosques and temples) and vacant land units do not require a refuse room however if the complex is large with function halls and large volumes of waste is generated or

the vacant land is earmarked for (depending on the land use/zoning status) then a refuse room may be considered at the discretion of the Director: Solid Waste Management.

Should there be an existing refuse area in use to accommodate the changes, alterations or additions to the building for the storage of bins, then this area should be utilised for any for any additional bins required for this development, or provision should be made for added space.

U2 – ACCESS TO AREA

Council's refuse collection vehicles or its staff will not enter private property, therefore the removal of domestic solid waste is effected from the kerbside of a public street. The location of any area contemplated in regulation U1 shall be of such access thereto from any street for the purpose of removing the refuse is of the satisfaction of the local authority.

B. HAZARDOUS BIOLOGICAL OR CHEMICAL WASTE

No hazardous, chemical or medical waste enters the general waste stream. Solid waste (collections) does not remove hazardous, chemical or medical waste. A private specialised waste company must be engaged for this purpose. These types of waste must be disposed of by a private specialised waste company in accordance with the minimum requirements for the handling classification and disposal of Hazardous waste (DWAR 1998) with the approval by the department of Health. The installation of cellular communications base stations does not require a refuse removal service and does not pose a health risk to the environment.

C. MINIMUM REQUIREMENTS FOR SINGLE RESIDENTIAL/RURAL UNITS – ACCESS FROM PUBLIC ROADS

- 1) **Council departmental or contracted waste collection teams will not enter private property;** therefore the removal of domestic solid waste (general waste) is effected from the kerbside of a public street. Residential units located near mountain areas or areas frequented by baboons will be issued with baboon proof bins for the storage of waste at an additional cost as determined by the Solid Waste Management. The owner/s will have to place the refuse bins on the side walk (kerbside) of a public street on the scheduled day of refuse collection. In some instances a hardened washable surface, in the road reserve, must be provided for bins depending on the number of units situated in a cull-de-sacks that exceeds 20 metres and that does not have direct access for refuse collection vehicles or flat units that have no ground floor storage facilities for the tenants located on an upper level in the building. **Please refer to the attached minimum requirements for vehicular access.**
- 2) Where the internal roads are developed as private roads and the development is designed for the purpose as private residential town house complexes, a refuse room with an embayment for refuse vehicles will have to be provided. **Please refer to the attached requirements for refuse storage areas.**
- 3) Applications by the owner/s to operate from residential existing dwelling units must make sure of all Solid Waste Services. The owner/tenant are required to place the refuse bin/s on the Kerbside (Sidewalk) of a Public Street on the Scheduled Day of Refuse Collection.
- 4) Should the owner/s make alterations or additions to the Residential Property or Subdivide the Property into 2 or more portions for residential purposes and require Additional Refuse Containers / Bins, the owner/s must liaise with the Corporate Call Centre for Solid Waste Management Enquiries on 086 010 3089 to make the necessary arrangements and place the container/s nearest to an Access Road (Public Road) on the Scheduled Day of Collection.

D. SUBDIVISION CONDITION COMPLIANCE ITO SECTION 31:

Solid Waste Conditions must be clearly stated with the Attached "Annexure A" forms to avoid delays with the clearances given by Solid Waste Management.

Yours Faithfully,



Chantel Erlank

For:

The Director: Solid Waste Management



16 April 2015

Attention: Suretha Dorse

SUBJECT : HERITAGE RESOURCES SECTION COMMENT ON THE DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED INFRASTRUCTURE DEVELOPMENTS AT KIRSTENBOSCH NATIONAL BOTANICAL GARDEN, WESTERN CAPE, DATED MARCH 2015.

Information on the City's data base shows the following heritage information relating to Kirstenbosch Botanical Garden (Kirstenbosch) :

1. There is no formal National Heritage Resources Act protection on the site except for a portion which is south of the main reservoir that is formally protected.
2. The site is not inside an Heritage Protection Overlay Zone.
3. The City's 2015 Audit Grading has not yet been undertaken for the site.
4. The Pre 2007 Audit Grading shows the site to be graded a Grade 2 with the southern portion south of the reservoir being graded Grade 1.
5. Kirstenbosch was included in the Natural World Heritage Site (Cape Floristic Region) nomination.

It is common knowledge that Kirstenbosch has high heritage value relating to the history of the gardens and the resulting aesthetics as well as the outstanding setting it has with Table Mountain as a backdrop.

The Aesthetic, Historic, Social and Scientific values associated with Kirstenbosch combine together to form a very special and valuable heritage resource of substantial cultural significance.

In addition, because of the unique setting of the gardens, Kirstenbosch is part of a well - established cultural landscape. Kirstenbosch being integral to this landscape in combination with Table Mountain as a backdrop, the gardens themselves as well as views from surrounding areas and Rhodes Drive.

Heritage Resources Section (HRS) believes that Section 38 of the National Heritage Resources Act no.25 of 1999 is triggered [38. (1)(c)i)] by the proposed new building work and as such, the responsible heritage resources authority should be notified by the applicant.

HRS feels that the current proposal is not appropriate because of the potential negative visual impact that the building might have on the existing resource as well as on the cultural landscape. Light pollution may also be a problem generated by the current proposal.

HRS is not opposed to the idea of a building in that position, our concern is with the bulk and height of the proposed building.

HRS feels that a single storey building with perhaps an organic and green design approach would be more suitable and if necessary, double storey sections on plan could be accommodated to a lesser degree.

HRS understands that there are certain logistic requirements that need to be met by Kirstenbosch in terms of facilities and we are not rejecting these. Our thoughts are that an alternative design approach should be proposed for comment by the relevant authorities before a single design approach is accepted.

It would appear that Heritage Western Cape has been approached by the applicant for input in terms of Section 38 of the National Heritage Resources Act.

HRS are uncertain as to who the relevant heritage authority in this instance is and query whether or not the South African Heritage Resources Agency (SAHRA) should be involved or not.

I hope that this is sufficient for your needs for the above application but will gladly assist should you require further input.

Regards,

Mark Bell Pr Arch

**SENIOR HERITAGE PROFESSIONAL
ENVIRONMENTAL AND HERITAGE MANAGEMENT: DISTRICT G/H
ENVIRONMENTAL RESOURCE MANAGEMENT DEPARTMENT**



CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

ENERGY, ENVIRONMENT AND SPATIAL PLANNING
ENVIRONMENTAL RESOURCE MANAGEMENT

Suretha Dorse
Senior Environmental Professional

T: 021 444 2608 F: 021 710 8002
E: Suretha.dorse@capetown.gov.za

16 April 2015

Sillito Environmental Consulting
P.O. Box 30134
TOKAI
7996
Tel: 021 – 712 5060
Fax: 021 – 712 5061

Attention: Kirsty Robinson

COMMENTS: DRAFT BASIC ASSESSMENT REPORT (DBAR) FOR PROPOSED INFRASTRUCTURE DEVELOPMENTS ON FARM CA 875-RE KIRSTENBOSCH NATIONAL BOTANICAL GARDEN, KIRSTENBOSCH.

DEA&DP Ref: 14/12/16/3/3/1/1269
SEC Ref: 014037

Please note that Appendix D of the hard copy DBAR circulated for comment to the City of Cape Town was difficult to follow. Please check all future printed documents circulated for comment to ensure proper binding (no loose pages and incorrect orientation of pages) and the logical presentation of information (no specialist reports and other information documents back to front) in order to facilitate the review of the information.

Please note that comments received from internal City line functions are reflected below, as well as attached to this letter. Comments on application as follows:

Transport for Cape Town: Stormwater and Sustainability (*Justin Smit Tel: 021 400 5085*)

Stormwater and Sustainability have evaluated the development proposals, including the Stormwater Management Plan and associated river bank stabilisation and are in favour of the gabion option for the river bank stabilisation.

With regards to the submitted Stormwater Management Plan, the methodology used is mostly fine, however the following needs further clarification:

- A water quality volume calculation is required, this includes the permeable paving calculations.
- The design system used for the permeable paving system must be quoted, if the aqua-flow system is not used then all relevant design information is to be submitted to this branch for approval.
- For confirmation, it is stated in the report that the difference between the 1:50 year pre to post development volume is 50m³?

- For confirmation, it is stated in the report that the upper reach of the Liesbeeck River passing this site can be contained within the stream, please then indicate this information on a map as well as the limits for the environmental buffers?

Environmental Resource Management Department (ERMD) (*Suretha Dorse Tel: 021 444 2608*)

1. A complete site lay out (contained on one page) must be included to facilitate the assessment of the proposed infrastructure and buildings. The current report contains separate portions of the new site development proposal which makes a direct comparison with the existing site layout difficult. Where disturbed footprints are being used as a mitigation measure for a new development proposal, the new development footprint (including parking areas) should be superimposed onto the existing disturbance footprint for a concise and clear comparison, as well as a proper evaluation of the increase in disturbance footprint (where relevant) and the associated impacts (with specific reference to the proximity to the Liesbeeck River and the areas of medium botanical sensitivity).
2. Area one (as per Drawing Number 014037/1) shows two larger buildings (being the Fynbos Lodge (LAB) and the prefabricated IT building) as well as two smaller structures (also indicated as LAB). What function does the two smaller buildings fulfil and will they be demolished? These two smaller buildings are located closest to the Liesbeeck River. Should these building be demolished, it will increase the setback from the Liesbeeck River to better accommodate an ecological buffer as well as reduce the risk to infrastructure.
3. The exact position of all proposed parking areas in relation to the river is unclear in the absence of a one page proposed site layout. The text confirms the presence of a parking area within 32 metres from the watercourse and the setback of 10 metres implies that the infrastructure will be placed 10 m from the edge of the watercourse. It is important to prevent any further water quality impacts on the Liesbeeck River as the larger Botanical Garden already adds nutrients to the system (as per the Freshwater Ecology report dated December 2014). It is therefore recommended that a shallow vegetated swale be installed along the edge of the permeable paving / parking areas and access road (where relevant) (outside of the ecological buffer area) to capture larger volumes of surface run-off before it enters the watercourse directly.
4. Please ensure that any modifications to the existing stormwater management system will not create steep-sided pitfall traps for amphibians, small mammals and reptiles.
5. The need for bank stabilisation of the Liesbeeck River is acknowledged. The design of the engineering solution must however accommodate ecological functioning as far as possible and interventions must incorporate a design that could potentially improve the existing degraded profile of the eroded bank. Based on the cross-section provided, the preferred alternative stabilisation proposal entails a \pm 30 metres long, four metres high terraced gabion wall which will effectively line the existing natural watercourse bed to a width of five metres. The Design Alternative discussions should include the assessment of terraces less than one meter in height to facilitate fauna movement, methods to facilitate plant growth and the restoration of the ecological buffer on the bank which will be affected by the construction activities. Please also indicate if any cement works will be required as part of the gabion structure (i.e. concrete aprons, foundations etc.).

6. The mitigation measures stipulated in the Freshwater Ecology assessment include a setback of 10 metres from the river for all construction activities (excluding the gabions and reno matting). Does the 10 metre setback distance fully accommodate the Ecological Buffer for the Liesbeeck River and will a 10 metre setback adequately safeguard newly proposed infrastructure considering the current need for artificial stabilisation? The City's GIS system identifies the ecological buffer for this section of river as between 15 – 19 metres where a minimum of 10 metres normally applies to concrete canals. An adequate ecological buffer must ensure effective long term protection of the watercourse from adjacent land uses, as well as the protection of infrastructure being placed immediately adjacent to watercourses. Recommendations to restore the Ecological Buffer must also be included.
7. All new landscaping must be done with only locally indigenous plant species to ensure water wise gardening. This requirement is necessary in order to reduce irrigation needs of this new development area. The current abstraction from Nursery Ravine for irrigation purposes (due to the position of the weir) for the Botanical Garden in its entirety is impacting on the remaining habitat of the Critically Endangered Table Mountain Ghost Frog (*Heleophryne rosei*). The reduction of irrigation requirements forms part of the larger context mitigation measures currently being investigated to reduce negative impacts on the Table Mountain Ghost Frog within its limited range and ultimately to protect the species from extinction. Ideally funds from DEA should also be secured to move the existing irrigation weir to a more suitable location downstream and installing a suitable pump system for the transport of the water to the higher lying areas for irrigation.
8. Please look at the City's 2004 Natural Interface Study: Veldfire Related Planning Guidelines (forming part of the Appendices of the Urban Edge Guidelines Manual for the City of Cape Town) which deals with fire-risk management relating to development along the urban/natural interface. Although the proposed structures are potentially less at risk from wild fires than structures elsewhere on the property, there is still a fair amount of vegetation and surrounding large, exotic trees that could increase that risk. The Guideline contains useful mitigation measures potentially applicable to a site such as the one in question that can be incorporated into the final design.

Heritage Resource Management (*Jacqui Marais Tel: 021 – 444 2609*)

Please see comments attached.

Spatial Planning & Urban Design Department (*Kier Hennessy Tel: 021 444 8320*)

There are no apparent conflicts of this project with the provisions of the City's spatial planning policy. The District Spatial Planning Branch therefore has no objection to this proposal.

Transport for Cape Town: Infrastructure & Plant Maintenance (*Roy Page Tel: 021 710 8269*)

From the information provided, there are no material changes to the access onto Rhodes Drive which would normally require comment by Director: Transport, especially regarding the proposed parking layout. Otherwise the internal work is deemed private. Catchment Management Section should comment on quality and quantity of any additional s/w run off.

Further than that and without any detailed design, there is no further comment to add.

Solid Waste Management (*Chantel Erlank Tel: 021 400 5576*)

Please see comments attached.

Electricity Department (*Elton van Reenen Tel: 021 763 5685*)

Please see comments attached.

A handwritten signature in cursive script, appearing to read 'A Greenwood', with a long, sweeping underline that extends to the right.

A.M. GREENWOOD *Pr Sci Nat*
REGIONAL MANAGER
ENVIRONMENTAL AND HERITAGE MANAGEMENT: DISTRICT H
ENVIRONMENTAL RESOURCE MANAGEMENT DEPARTMENT

Lauren Le Roux

From: Suretha Dorse <Suretha.Dorse@capetown.gov.za>
Sent: 17 April 2015 08:14 AM
To: Kirsty Robinson
Subject: CoCT comment on DBAR for proposed infrastructure @ Kirstenbosch Botanical Gardens
Attachments: Appendix 3_Electricity comment April 15.pdf; DBAR comment_comment and cover letter.pdf; Appedix 2_Solid Waste Comment.pdf; Appendix 1_Heritage Resource Management April 15.pdf

Dear Kristy

Please see attached comment from the City of Cape Town on the DBAR. Please note that we are in the process of changing our commenting format according to new instructions of the ED which will in future entail a cover letter containing ERM comment and all other line functions comments (on their own respective letterheads) will be attached to the cover letter.

The instruction unfortunately arrived after the call for comment on this application was circulated hence the hybrid approach.

Kind regards
Suretha

Suretha Dorse
Senior Environmental Professional

Environmental and Heritage Management Branch Environmental Resources Management Department

Physical address: Ground floor, 3 Victoria Road, Plumstead, 7800, South Africa Postal address: Private Bag X5, Plumstead, 7801, South Africa

Tel: 021 444 2608
Fax: 021 710 8002 / 086 588 0319
E-mail: Suretha.Dorse@capetown.gov.za

City of Cape Town website
Service Requests

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Lauren Le Roux

From: Kirsty Robinson
Sent: 20 April 2015 03:21 PM
To: 'Rhett Smart'
Subject: RE: Draft BAR: Kirstenbosch Botanical Gardens
Attachments: 857_offices_Kirstenbosch_20150420.pdf

Good afternoon Rhett,

SEC received your comment on the draft BAR for Kirstenbosch, thank you.


SEC acknowledges that comments from Cape Nature pertain to biodiversity related impacts only and not to the overall desirability of the proposed development.

SEC notes that Cape Nature agrees with and supports the recommendations of the botanical and freshwater specialist reports, the selection of the layout and technology alternatives and the recommendation of gabions as an erosion stabilisation measure.

SEC notes however that Cape Nature requires further detail regarding the aspect of the development proposal pertaining to the gabions and how their installation will improve the current situation on site. Further detail will be provided in the final BAR in this regard.

I trust this is in order. Should you have any further queries at this stage, please do not hesitate to contact me further.

Warmest regards,
Kirsty Robinson

 <p>"Environmental Solutions for a Changing World"</p>	<p>Kirsty Robinson–Environmental Consultant</p> <p>P: +27 (0) 21 712 5060 F: +27 (0) 21 712 5061 M: +27 (0) 76 609 9953 kirsty@environmentalconsultants.co.za Suite 105, Block B2, Tokai Village Centre, Vans Road, Tokai, Cape Town, 7966</p>
--	--

From: Rhett Smart [<mailto:landuse@capenature.co.za>]
Sent: 20 April 2015 11:38 AM
To: Kirsty Robinson
Subject: FW: Draft BAR: Kirstenbosch Botanical Gardens
Importance: High

Rhett Smart
Scientist: Land Use Advisor | Scientific Services



tel +27 21 866 8000 | fax +27 86 529 4992 | cell +27 72 835 8741
email landuse@capenature.co.za | postal Private Bag x5014 Stellenbosch 7599
physical Assegaiibosch Nature Reserve, Jonkershoek, Stellenbosch, 7599
www.capenature.co.za

From: Rhett Smart [mailto:landuse@capenature.co.za]
Sent: 20 April 2015 11:32 AM
To: 'info@environmentalconsultants.co.za'
Subject: Draft BAR: Kirstenbosch Botanical Gardens
Importance: High

To whom it may concern

Please find attached comment from CapeNature on the Draft Basic Assessment Report for the proposed infrastructure developments at Kirstenbosch National Botanical Garden, Cape Town.

Regards

Rhett

Rhett Smart
Scientist: Land Use Advisor | Scientific Services



tel +27 21 866 8000 | fax +27 86 529 4992 | cell +27 72 835 8741
email landuse@capenature.co.za | postal Private Bag x5014 Stellenbosch 7599
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SCIENTIFIC SERVICES

postal Private Bag X5014 Stellenbosch 7599
physical Assegaaibosch Nature Reserve Jonkershoek
website www.capenature.co.za
enquiries Rhett Smart
telephone +27 21 866 8017 **fax** +27 21 866 1523
email rsmart@capenature.co.za
reference SSD14/2/6/1/4/2/857_offices_Kirstenbosch
date 20 April 2015

Sillito Environmental Consulting
P.O. Box 30134
Tokai
7966

Attention: Chantel Muller
By email: info@environmentalconsultants.co.za

Dear Chantel

Draft Basic Assessment Report for the Proposed Infrastructure Developments at Kirstenbosch National Botanical Garden, Cape Town
(DEA ref. no.: 14/12/16/3/3/1/1269)

CapeNature would like to thank you for the opportunity to comment on the proposed development and would like to make the following comments. Please note that our comments only pertain to the biodiversity related impacts and not to the overall desirability of the proposed development.

The proposed development is situated in the Kirstenbosch National Botanical Gardens which is classified as a Protected Area on the Biodiversity Network for the City of Cape Town. There are watercourses that pass through the project study area that form the headwaters of the Liesbeeck River.

The proposed project entails the upgrade and replacement of existing buildings and infrastructure and is therefore located on an existing disturbance footprint. A botanical specialist study was undertaken. Two patches of medium sensitivity vegetation were identified which support natural vegetation, but will not be impacted by the proposed development. CapeNature agrees with the recommendations of the botanical specialist report, which includes clearing of alien invasive species, although the mature stone pines (*Pinus pinea*) do not need to be removed.

A freshwater specialist study was undertaken to assess the impacts of the proposed development on the river. It is evident that upstream of the study area, the tributaries are in a good condition, however the river has been impacted and modified through centuries of human activities from the study area downstream. The result of the modification of flow is that there is erosion evident in the section where the stream flows through the study area.

The stormwater management plan has also included the aspect of erosion stabilization, and recommended gabions rather than a retaining wall, which is supported by CapeNature. Part of the project proposal is the installation of gabions and reno mattress in order to stabilize the northern bank of the river and prevent further erosion. This project component has not been described in any detail and more information is required regarding this aspect of project design. It is evident that there has been significant downcutting of the river channel which needs to be prevented and possibly restored to more natural levels as well as the side bank failure.

The Western Cape Nature Conservation Board trading as **CapeNature**

Board Members: Prof Gavin Maneveldt (Chairperson), Mr Mico Eaton, Prof Francois Hanekom, Mr Carl Lotter, Dr Bruce McKenzie,
Ms Merle McOmbring-Hodges, Adv Mandla Mdludlu, Mr Danie Nel

The river is modified to a high degree downstream of the site, however an attempt should be made to improve the current situation on site. It is likely that the project design will address these issues, however these need to be described. The findings and recommendations of the freshwater specialist report are however supported.

CapeNature agrees with the selection of the layout and technology alternatives.

CapeNature reserves the right to revise initial comments and request further information based on any additional information that may be received.

Yours sincerely

A handwritten signature in black ink, appearing to read "Rhett Smart", with a horizontal line underneath.

Rhett Smart
For: Manager (Scientific Services)

Lauren Le Roux

From: Rhett Smart <landuse@capenature.co.za>
Sent: 20 April 2015 11:38 AM
To: Kirsty Robinson
Subject: FW: Draft BAR: Kirstenbosch Botanical Gardens
Attachments: 857_offices_Kirstenbosch_20150420.pdf

Importance: High

Rhett Smart
Scientist: Land Use Advisor | Scientific Services



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email landuse@capenature.co.za | postal Private Bag x5014 Stellenbosch 7599
physical Assegaaibosch Nature Reserve, Jonkershoek, Stellenbosch, 7599
www.capenature.co.za

From: Rhett Smart [mailto:landuse@capenature.co.za]
Sent: 20 April 2015 11:32 AM
To: 'info@environmentalconsultants.co.za'
Subject: Draft BAR: Kirstenbosch Botanical Gardens
Importance: High

To whom it may concern

Please find attached comment from CapeNature on the Draft Basic Assessment Report for the proposed infrastructure developments at Kirstenbosch National Botanical Garden, Cape Town.

Regards

Rhett

Rhett Smart
Scientist: Land Use Advisor | Scientific Services




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Appendix E4: Written Notification to Authorities and Organs of State


CS 108 3544

426p1

PostNet Address Tel No. <u>Colleen</u>						Barcode / Waybill No. 6552740					
Senders Name SILLITO (SEC) E-mail Address <u>info@environmentalconsultants.co.za</u> Company Name <u>Sillito Environmental Consulting</u> Address <u>Suite 105, Block B2, Tokai Village Centre, Vans Road Tokai</u> Town <u>Cape Town</u> Code <u>7966</u>			Ref No. <u>021 712 5060</u> Tel No. <u>(021) 712 5060</u>			Receivers Name <u>Derril Daniels</u> Company Name <u>Department of Water Affairs</u> Address <u>52 Voortrekker Road, Belleville</u> Town <u>Cape Town</u> Tel No. <u>(021) 901 6189</u> Country <u>South Africa</u> Code <u>5732</u>					
Special Instructions: <u>Please sign and return block + white letter</u>						<input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Express (11h00) <input type="checkbox"/> Budget/Next Day (Close of Business) <input type="checkbox"/> Road (48-72hours) To <input type="checkbox"/> Door <input type="checkbox"/> Counter Other					
Insurance <input type="checkbox"/> Yes <input type="checkbox"/> No <u>If yes, state value</u>						International <input type="checkbox"/> Documents <input type="checkbox"/> Non-documents					
No. of Parcels	Description	Length in cm	Breadth in cm	Height in cm	Mass in kg	Charges		Rands	Cents		
1x	Hard copy	40	30	5		Basic Tariff		114	00		
1x	CD					Surcharge		11	40		
						Insurance					
						Packaging Sundries					
						VAT Amount					
Total No. of Parcels <u>1,2</u> Total Vol <u>2</u> Total Mass <u>2</u>						Total Incl. VAT		102	60		
						SENDER'S SIGNATURE		ACCEPTED BY POSTNET		RECEIVED BY	
						WE HAVE SEEN AND AGREE TO THE STANDARD CONDITIONS OF CARRIAGE (BY EMAIL) WHICH SHALL APPLY TO THIS CONSIGNMENT AND ALL FUTURE CONSIGNMENTS ACCEPTED BY POSTNET. WE FURTHER DECLARE THAT THIS CONSIGNMENT DOES NOT CONTAIN DANGEROUS GOODS.					
Name: <u>Kristie</u> (PLEASE PRINT)						Name: <u>[Signature]</u> (PLEASE PRINT)		Name: <u>Khaya lethu</u> (PLEASE PRINT)			
Date: <u>03/03/2015</u> Time: <u>11:14</u>						Date: <u>3/3/15</u> Time: <u></u>		Date: <u>4/3/15</u> Time: <u>9:15</u>			
Sign: <u>[Signature]</u>						Sign: <u>[Signature]</u>		Sign: <u>[Signature]</u>			
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CS 108 3553

Phps

PostNet Address Tel No. <u>Colleen</u>						Barcode / Waybill No. 6552743					
Senders Name SILLITO (SEC) E-mail Address <u>info@environmentalconsultants.co.za</u> Company Name <u>Sillito Environmental Consulting</u> Address <u>Suite 105, Block B2, Tokai Village Centre, Vans Road, Tokai</u> Town <u>Cape Town</u> Code <u>7966</u>			Ref No. <u>021 712 5060</u> Tel No. <u>(021) 712 5060</u>			Receivers Name <u>Catherine Knowles</u> Company Name <u>Cape Nature</u> Address <u>Pgwc Shared Services Centre, Cnr Bosduif + Volstfuis Street, Bridge Town</u> Town <u>Cape Town</u> Tel No. <u>(021) 483 0118</u> Country <u>South Africa</u> Code <u>7764</u>					
Special Instructions: <u>Please sign + return block + white letter.</u>						<input checked="" type="checkbox"/> Domestic <input checked="" type="checkbox"/> Express (11h00) <input type="checkbox"/> Budget/Next Day (Close of Business) <input type="checkbox"/> Road (48-72hours) To <input type="checkbox"/> Door <input type="checkbox"/> Counter Other					
Insurance <input type="checkbox"/> Yes <input type="checkbox"/> No <u>If yes, state value</u>						International <input type="checkbox"/> Documents <input type="checkbox"/> Non-documents					
No. of Parcels	Description	Length in cm	Breadth in cm	Height in cm	Mass in kg	Charges		Rands	Cents		
1x	hard copy	40	30	5		Basic Tariff		114	00		
1x	CD.					Surcharge		11	40		
						Insurance		-103			
						Packaging Sundries					
						VAT Amount					
Total No. of Parcels <u>1,2</u> Total Vol <u>2</u> Total Mass <u>2</u>						Total Incl. VAT		102	60		
						SENDER'S SIGNATURE		ACCEPTED BY POSTNET		RECEIVED BY	
						WE HAVE SEEN AND AGREE TO THE STANDARD CONDITIONS OF CARRIAGE (BY EMAIL) WHICH SHALL APPLY TO THIS CONSIGNMENT AND ALL FUTURE CONSIGNMENTS ACCEPTED BY POSTNET. WE FURTHER DECLARE THAT THIS CONSIGNMENT DOES NOT CONTAIN DANGEROUS GOODS.					
Name: <u>[Signature]</u> (PLEASE PRINT)						Name: <u>[Signature]</u> (PLEASE PRINT)		Name: <u>Katarina Knowles</u> (PLEASE PRINT)			
Date: <u></u> Time: <u></u>						Date: <u>3/3/15</u> Time: <u></u>		Date: <u>4/3/15</u> Time: <u>9:10</u>			
Sign: <u>[Signature]</u>						Sign: <u>[Signature]</u>		Sign: <u>[Signature]</u>			

sillitò


ENVIRONMENTAL CONSULTING

External Reference	14/12/16/3/3/1/1269	SEC Reference	014037	Date	06.03.15
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City of Cape Town Municipality
District H

Private bag X5
Plumstead
7801

Attention: Andrew Greenwood

Environmental & Heritage Resource Management
Received
05 MAR 2015
Signed: 
Environmental Management

PROPOSED INFRASTRUCTURE DEVELOPMENTS ON FARM CA875-RE KIRSTENBOSCH NATIONAL BOTANICAL GARDENS, WESTERN CAPE.

SEC NOTICE NUMBER: 014037

DEA REFERENCE NUMBER: 14/12/16/3/3/1/1269

Dear Andrew,

Please find enclosed for your review and comment 1 CD and 1 hardcopy of the Draft Basic Assessment Report for the proposed infrastructure developments on Farm CA875-RE, Kirstenbosch National Botanical Garden, Western Cape.

Comments should be submitted in writing to Kirsty Robinson at SEC:

Tel: 021 712 5060

Fax: 021 712 5061

Postal address: PO Box 30134, Tokai, 7966

Email: kirsty@environmentalconsultants.co.za

Please be advised that any comments should be received by SEC no later than **17.04.15**

Yours sincerely,



Kirsty Robinson
SILLITO ENVIRONMENTAL CONSULTING

PO Box 30134, Tokai, 7966
Email: info@environmentalconsultants.co.za

Tel: 021 712 5060

Fax: 021 712 5061

CC Number 2001/072542/23

Members: Adrian Sillito & Diane Sillito

Associate: David Spencer

014037

Dups

PostNet Address Tel No.	Barcode / Waybill No. 6552739	
Senders Name <i>Colleen</i> SILLITO/SEC E-mail Address <i>info@environmentalconsultants.co.za</i> Company Name <i>Sillito Environmental Consulting</i> Address <i>Suite 105, Block B2, Tokai Village Centre, Vans Road, Tokai</i> Town <i>Cape Town</i> Code <i>7966</i>	Ref No. <i>014 037</i> Tel No. <i>021 712 5060</i>	Receiver's Name <i>Mr. Andrew Greenwood</i> Company Name <i>City of Cape Town Municipality: (District H)</i> Address <i>Private bag X5 Plumstead</i> Town <i>Cape Town</i> Tel No. <i>(021) 710 9050</i> Country <i>South Africa</i> Code <i>7801</i>

Special Instructions: Please sign + return black + white letter.

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To Door Counter Other

Insurance Yes No If yes, state value

International Documents Non-documents

No. of Parcels	Description	Length in cm	Breadth in cm	Height in cm	Mass in kg	Charges	Rands	Cents
1x	hard copy					Basic Tariff	114	00
1x	CD					Surcharge -10%	11	40
						Insurance		
						Packaging Sundries		
						VAT Amount		
Total No. of Parcels						Total Vol	Total Mass	Total Incl. VAT
							102	60

SENDER'S SIGNATURE: Name: *Kristie* Date: *03/03/2015* Time: *11:51* Sign: *[Signature]*

ACCEPTED BY POSTNET

RECEIVED BY: Name: *Andrew Greenwood* Date: *3/3/15* Time: Sign: *[Signature]*



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Senders Name <i>Sillito (SEC)</i> SILLITO/SEC E-mail Address <i>info@environmentalconsultants.co.za</i> Company Name <i>Sillito Environmental Consulting</i> Address <i>Suite 105, Block B2, Tokai Village Centre, Vans Road, Tokai</i> Town <i>Cape Town</i> Code <i>7966</i>	Ref No. <i>014 037</i> Tel No. <i>021 712 5060</i>	Receiver's Name <i>Ms Mmatlala Rabothala</i> Company Name <i>Dept. of Environmental Affairs</i> Address <i>Environment House 473 Steve Biko Arcadia</i> Town <i>Pretoria</i> Tel No. <i>(012) 399 937</i> Country <i>South Africa</i> Code <i>0083</i>

Dups

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International Documents Non-documents

No. of Parcels	Description	Length in cm	Breadth in cm	Height in cm	Mass in kg	Charges	Rands	Cents
1x	hard copy	40	30	5	2	Basic Tariff	185	00
1x	CD					Surcharge -10%	18	50
						Insurance		
						Packaging Sundries		
						VAT Amount		
Total No. of Parcels						Total Vol	Total Mass	Total Incl. VAT
							166	50

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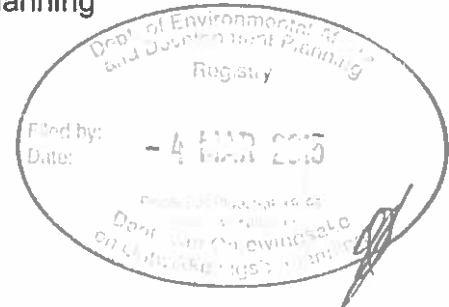
ENVIRONMENTAL CONSULTING

External Reference	14/12/16/3/3/1/1269	SEC Reference	014037	Date	06.03.15
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Department of Environmental Affairs & Development Planning
Region 2

Private Bag X9086
Cape Town
8000

Attention: Eldon van Boom



PROPOSED INFRASTRUCTURE DEVELOPMENTS ON FARM CA875-RE KIRSTENBOSCH NATIONAL BOTANICAL GARDENS, WESTERN CAPE.

SEC NOTICE NUMBER: 014037
DEA REFERENCE NUMBER: 14/12/16/3/3/1/1269

Dear Eldon,

Please find enclosed for your review and comment 1 CD and 1 hardcopy of the Draft Basic Assessment Report for the proposed infrastructure developments on Farm CA875-RE, Kirstenbosch National Botanical Garden, Western Cape.

Comments should be submitted in writing to Kirsty Robinson at SEC:

Tel: 021 712 5060
Fax: 021 712 5061
Postal address: PO Box 30134, Tokai, 7966
Email: kirsty@environmentalconsultants.co.za

Please be advised that any comments should be received by SEC no later than **17.04.15**

Yours sincerely,

Kirsty Robinson
SILLITO ENVIRONMENTAL CONSULTING

PO Box 30134, Tokai, 7966
Email: info@environmentalconsultants.co.za

Tel: 021 712 5060

Fax: 021 712 5061

CC Number 2001/072542/23

Members: Adrian Sillito & Diane Sillito

Associate: David Spencer



ENVIRONMENTAL CONSULTING

External Reference	14/12/16/3/3/1/1269	SEC Reference	014037	Date	06.03.15
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Department of Water Affairs

52 Voortrekker Road
Bellville
7532

Attention: Derril Daniels

**PROPOSED INFRASTRUCTURE DEVELOPMENTS ON FARM CA875-RE
KIRSTENBOSCH NATIONAL BOTANICAL GARDENS, WESTERN CAPE.**

**SEC NOTICE NUMBER: 014037
DEA REFERENCE NUMBER: 14/12/16/3/3/1/1269**

Dear Derril,

Please find enclosed for your review and comment 1 CD and 1 hardcopy of the Draft Basic Assessment Report for the proposed infrastructure developments on Farm CA875-RE, Kirstenbosch National Botanical Garden, Western Cape.

Comments should be submitted in writing to Kirsty Robinson at SEC:

**Tel: 021 712 5060
Fax: 021 712 5061
Postal address: PO Box 30134, Tokai, 7966
Email: kirsty@environmentalconsultants.co.za**

Please be advised that any comments should be received by SEC no later than **06.03.15**

Yours sincerely,

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Associate: David Spencer

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ENVIRONMENTAL CONSULTING

External Reference	14/12/16/3/3/1/1269	SEC Reference	014037	Date	06.03.15
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Heritage Western Cape

Private Bag x29
Gatesville
7766

Attention: Andrew Hall (Executive Officer)

PROPOSED INFRASTRUCTURE DEVELOPMENTS ON FARM CA875-RE KIRSTENBOSCH NATIONAL BOTANICAL GARDENS, WESTERN CAPE.

SEC NOTICE NUMBER: 014037
DEA REFERENCE NUMBER: 14/12/16/3/3/1/1269

Dear Andrew,

Please find enclosed for your review and comment 1 CD and 1 hardcopy of the Draft Basic Assessment Report for the proposed infrastructure developments on Farm CA875-RE, Kirstenbosch National Botanical Garden, Western Cape.

Comments should be submitted in writing to Kirsty Robinson at SEC:

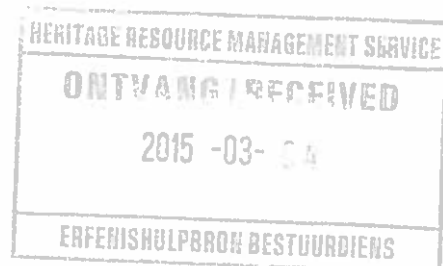
Tel: 021 712 5060
Fax: 021 712 5061
Postal address: PO Box 30134, Tokai, 7966
Email: kirsty@environmentalconsultants.co.za

Please be advised that any comments should be received by SEC no later than **17.04.15**

Yours sincerely,



Kirsty Robinson
SILLITO ENVIRONMENTAL CONSULTING



PO Box 30134, Tokai, 7966
Email: info@environmentalconsultants.co.za

Tel: 021 712 5060

Fax: 021 712 5061
CC Number 2001/072542/23

Members: Adrian Sillito & Diane Sillito

Associate: David Spencer

Appendix E5: List of Registered Interested and Affected Parties

REGISTERED STAKEHOLDER TABLE

**PROPOSED INFRASTRUCTURE DEVELOPMENTS AT KIRSTENBOSCH NATIONAL BOTANICAL GARDENS, WESTERN CAPE
SEC Ref: 014037**

Organization/Dept/Erf & Address	Means of Notice	Date of Communication
Organs of State Details and Rate Payers' Association		
Department of Environmental Affairs Ms Mmatlala Rabothata Environment House 473 Steve Biko (C/o Steve Biko St & Soutpansberg Rd) Arcadia Pretoria 0083 Tel; 012 399 9372 Email: mrabothata@environment.gov.za		
Department of Environmental Affairs and Development Planning: Land Management (Region 2) Eldon van Boom Private Bag X9086 Cape Town 8000 Tel: 021 483 5829 Fax: 021 483 4372		

Organization/Dept/Erf & Address	Means of Notice	Date of Communication
Eldon.VanBoom@westerncape.gov.za		
<p>Department of Water Affairs Derril Daniels</p> <p>52 Voortrekker Road Bellville 7532</p> <p>Private Bag x16 Sanlamhof 7532</p> <p>Tel: 021 941 6189 Fax: 021 941 6107 Email: danielsd@dwa.gov.za</p>		
<p>City of Cape Town Municipality: (District H) Andrew Greenwood</p> <p>Private bag X5 Plumstead 7801</p> <p>Tel:021 710 8050 Fax: 021 710 8002 Andrew.Greenwood@capetown.gov.za</p>		
<p>Heritage Western Cape Andrew Hall (Executive Officer)</p> <p>Protea Assurance Building</p>		

Organization/Dept/Erf & Address	Means of Notice	Date of Communication
<p>Green Market Square Cape Town 8000</p> <p>Tel: 021 483 9543 Fax: 021 483 9842 Email: hwc@pgwc.gov.za</p>		
<p>South African Heritage Resources Agency (SAHRA) Gregory Ontong</p> <p>Block C, Castle of Good Hope Cape Town 8000</p> <p>P.O Box 2771 Cape Town 8001</p> <p>Tel: 021 465 2198 Fax: 021 465 5789 Email: gontong@sahra.org.za</p>		
<p>Cape Nature: Catherine Knowles</p> <p>Pgwc Shared Services Centere Cnr Bosduif & Volstfuils Street Bridge Town 7764</p> <p>Private Bag x29</p>		

Organization/Dept/Erf & Address	Means of Notice	Date of Communication
Gatesville 7766 Tel: 021 483 0118/0121 Fax: 086 556 7764 cknowles@capenature.co.za		

Appendix E6: Copies of Correspondence and Meetings

- Meeting minutes for the project meeting on the proposed activities in Kirstenbosch National Botanical Garden (May 2014);
- Meeting Minutes for the projected meeting for the proposed activities in Kirstenbosch National Botanical Garden (October 2014).



4th MEETING

**1st MINUTES OF
SANBI – Kirstenbosch National Botanical Garden – New Administration Building
PROJECT MEETING (WORKSHOP)**

Venue: CBC BUILDING – Golden Mole Boardroom

Date: 14th May, 2014

Time: 11h00 – 13h00

	IN ATTENDANCE	INITIAL	COMPANY	E-MAIL
1.	Christopher Willis	CW	SANBI	c.willis@sanbi.org.za
2.	Dirk Linde	DL	SANBI	d.linde@sanbi.org.za
3.	Beryl-Lynne Pekeur	BP	SANBI	b.pekeur@sanbi.org.za
4.	Rene Du Toit	RD	SANBI	r.dutoit@sanbi.org.za
5.	Kaashiefa Bassier	KB	SANBI	k.bassier@sanbi.org.za
6.	Alan Smith	AS	SANBI	a.smith@sanbi.org.za
7.	Amjad Hendricks	AH	AURECON	amjad.hendricks@aurecongroup.com
8.	Vernon Mathews	VM	VMA	vernon@nm1994.com
9.	Liyaam Arieff	LA	VMA	liyaam@nm1994.com

Apologies: VM apologizes on behalf of AM

	ACTIVITY	OUTCOME
1.	WELCOME	
	- A.H commences meeting & informs everyone that the outcomes of the meeting/ Workshop are to confirm & conclude Stage 1 – (Appraisal & Definition)	
2.	VMA PRESENTATION	
a.	VM thanked everyone for their assistance and input & informs everyone on objectives of this Meeting / Workshop	
b.	Matters raised - Organogram	
	VM discusses the various Layouts & hierarchy of department functions. A.S raises concern and comments about H.R department not having a director. A.S raises query on amount of staff members in finance	- VM acknowledge. To be amended. Agreed by All Sanbi Staff End User members. AS to confirm staff compliment
c.	Matters raised	
	<u>HR Department</u> D.L raises discussion about including and Accommodating the Bio Diversity Information Management department(BIM) in the New Administration building <u>Finance Department</u> D.L requested that a Telkom room to be included. <u>I.T Department</u> D.L request for a cleaning room in the I.T department. End users prefer Video conference room to be relocate from I.T Department to the Shared facility. <u>Shared Facility</u> D.L request for an External Ablution facility	- V.M acknowledge & DL/AH to confirm additional staff - V.M acknowledge & to include Telkom Room - V.M acknowledge & to include Cleaning Room V.M acknowledge. V.M acknowledge & to include

	<p>to be provided for Sanbi Security & Gardener staff</p> <p>End users request Sick bay to be renamed to Pause area.</p> <p>Dedicated Prayer Room to be removed.</p> <p>R.D raises discussion to relocate & accommodate Communication & Marketing Department within the New administration building.</p> <p>D.L raises discussion to include EDRR & Bim department within the New administration building.</p> <p>Department Managers to sign off & finalize amount of people in each Department</p>	<p>ablution facility.</p> <p>V.M acknowledge</p> <p>V.M acknowledge</p> <p>V.M acknowledge. Marketing and Communication Department to place near the I.T Department.</p> <p>A.H & D.L to investigate function & confirm additional staff members. A.H & D.L agree to revert to V.M with the information.</p> <p>V.M acknowledge and to follow up.</p>
d.	Matters raised – Additional Activity	
	<p>VM highlights Additional Activity</p> <p>-V.M raises discussion to remove Asbestos roof & to upgrade the Fynbos Lodge. -Current Occupants in the Fynbos Lodge to be decanted into new Administration building. Fynbos Lodge to refurbished for student accommodation</p> <p>- V.M raises discussion to stabilize River Bank using Gabions.</p> <p>VM raises discussion about decanting staff members. V.M suggest keeping the I.T Department operational whilst the new Administration building is being constructed, then moving the I.T department into the New Administration Building</p>	<p>-C.W agrees & proposes phasing in the Fynbos Lodge Upgrade & River Stabilization in the following 2nd financial year.</p> <p>-V.M raises concern that the Fynbos lodge could possibly have heritage Status and a Heritage consultant could possibly be needed.</p> <p>-C.W acknowledge and is in favor of</p> <p>-C.W Agrees and suggests we provide a program for the decanting and plan well in advance.</p>

	<p>C.W raises concern about the timing & Program for construction & Decanting. The cost of decanting into a premises in Claremont will become a project cost</p> <p>A.S raises discussion to provide a mailbox post room facility.</p> <p>End users request for pigeon holes to be provided for departments</p>	<p>Agreed by All Sanbi Staff End User members.</p> <p>VM acknowledge.</p> <p>V.M acknowledge</p>
e.	Matters raised – Additional Consultants	
	<p>V.M submitted a list additional consultants needed for the project.</p> <p>A.H ask if we could possibly use SANBI services for landscaping as opposed to appointing a Landscape consultant.</p>	<p>- C.W acknowledge.</p> <p>- C.W in favor of using a Landscape consultant under the guidance of a Sanbi Kirstenbosch Garden Curator.</p> <p>-VM to provide 3 quotation for landscaping.</p>
	<p>K.S request that Garages be provide. – 3 cars</p> <p>K.S requested proper lighting to be provided around parking area.</p>	<p>V.M acknowledge.</p> <p>3 Garages to be provided.</p> <p>-VM to follow up and get Garden Curator input</p>
	<p>C.W queries about Wi-Fi, Access Control, Security Cameras</p> <p>B.P request that Wi-fi be implement in certain parts of the building due to possible abuse of internet.</p>	<p>V.M acknowledge.</p> <p>Building to have Wi-fi Zones, Access control & Security Cameras</p>

f.	Site	Moving forward
	<p>D.L request that the new Parking paving Finish be the same /similar finish to the Kirstenbosch Main parking pavers.</p> <p>VM suggest utilising purpose designed structures for the new administration parking area</p> <p>B.P highlights that Sanbi staff uses existing access to bus stop. Discussions raised for Controlled access as well as Covered waiting area which can accommodate Sanbi Staff.</p> <p>V.M request the number of daily staff waiting for the bus.</p>	<p>C.W agrees. VM to follow up with SMEC</p> <p>C.W acknowledges.</p> <p>V.M acknowledge and awaits information from D.L</p> <p>D.L to follow up.</p>
	<p>VM in favor of Site option 2</p> <p>C.W ask V.M to write up a document motivating the preferred site (Site Option 2) in order to get a feasibility study</p>	<p>C.W in Favor of Site option 2</p> <p>V.M acknowledge and awaits information on the Bim & EEDR department. - Once received V.M will revert in a weeks' time and will write up a stage 1 report.</p>
	<p>C.W ask how long it will it take to produce sketch design & a full cost estimate.</p>	<p>- V.M to produce sketch design & a Full cost estimate within 2 months.</p>

Next scheduled meeting: T.B.C .

SANBI SITE MEETING MINUTES – KIRSTENBOSCH

22/10/14

LOCATION

VENUE: FREYLINIA ROOM, CBC BUILDING, KIRSTENBOSCH

TIME: 12:00- 13:30

DATE: 22ND OCTOBER 2014

ATTENDEES

KIRSTY ROBINSON

VERNON MATHEWS

ANGELO MANZONI

AMJAD HENDRINKS

DIRK LINDE

WENDELL WESSELS

MEETING OUTCOMES

1. DESIGN ALTERNATIVES: ADMINISTRATION BUILDING

Alternative 1 (Preferred Alternative)

- Building will be within the existing development footprint and 2.5 storey's high
- Raft foundation so the existing footprint can be used .
- Building constructed in layers to accommodate the different departments' requirements.
- Structure of the building will contain a triple volume high circulation space so that the foul air can be extracted out the top of the building, air remains fresh, the building interior is kept cool and it allows for a large amount of natural light.
- Ground level exterior will have a suspended timber deck to define the space which will soften the building and allow for an easier transition from the surrounding vegetated area to the building itself.
- Ground level interior will consist of the shared facilities and the HR Department
- 1st floor will house the IT, Marketing and Finance Departments.
- 1st floor will cantilever over the ground floor to allow for the additional footprint required, avoid disturbing the surrounding vegetation and have a minimal structure as well as reducing the visual impact to adjacent residents through reducing the height of the building.
- 2nd floor will be for the EDRR (more research based) in a quieter more peaceful setting
- Roof of the Second Floor will be a garden space.

- Offices will be placed on the perimeter of the building at all levels to allow for use of natural light.
- Option preferred by the architect.

Alternative 2

- Building will be within the existing development footprint however in order to meet the required footprint without cantilevering, the building will be 4 storey's high.
- The development footprint will be condensed.
- The surrounding vegetation will be impacted negatively
- The visual impact will be high and will particularly impact the adjacent residents.
- The probability exists that excavation will be required in order to install adequate foundations.

2. TECHNOLOGY ALTERNATIVES OF THE ADMINISTRATION BUILDING

Alternative 1 (Preferred Alternative)

- Structure of the building will contain a triple volume high circulation space so that the foul air can be extracted out the top of the building, air remains fresh, the building interior is kept cool and it allows for a large amount of light to define the circulation space.
- Windows will have double glazing
- VMA is exploring alternate heating and cooling measures- still to be finalised
- Element of green building are to be incorporated into the building
- Solar panels and photovoltaics will be incorporated into the building
- Grey water recycling will be implemented
- Rain water harvesting will be implemented
- Option preferred by the architect.

Alternative 2

- No double glazing of building windows;
- Heating and cooling measures will not be explored.
- No use of solar panels or photovoltaics
- No grey water recycling
- No rain water harvesting

3. DESIGN ALTERNATIVES: PARKING AREA

Alternative 1 (Preferred Alternative)

- Designed to not impose on the Fynbos Lodge building and rather designed to highlight the building.
- Paving will be of the same (Table Mountain Sandstone) or similar material to that of the surrounding area in order to blend in and have a minimal visual impact on the surrounding area.
- As few trees and vegetation as possible will be removed.
- The area will be landscaped to restore as much vegetation as possible and reduce the visual impact of the proposed parking area.

- Light steel structure with sheet metal roof will be installed above the parking area to provide shade for the vehicles as well as for the people moving between the car parking area and the existing buildings.
- Option preferred by the architect.

Alternative 2

- All trees and vegetation will be removed as required to accommodate the parking area
- No landscaping will be done
- Premixed tarmac will be used.
- Light steel structure with sheet metal roof will be installed above the parking area to provide shade for the vehicles as well as for the people moving between the car parking area and the existing buildings.

4. DESIGN ALTERNATIVES: GABIONS

Alternative 1 (Preferred Alternative)

- Hybrid reinforced concrete to be used for the retaining wall.
- This will be faced with Table Mountain Sandstone to blend in with the natural surroundings.
- Option preferred by the architect.

Alternative 2

- Hybrid reinforced concrete to be used for the retaining wall.
- No additional facing to be added.

FURTHER DETAILS REGARDING THE GABIONS TO BE CONFIRMED IN THE CIVIL ENGINEERS' REPORT.

5. FURTHER DETAILS REGARDING THE STORMWATER RUNOFF TO BE CONFIRMED IN THE CIVIL ENGINEER'S REPORT

6. Architect confirmed that grey water recycling and rain water harvesting will be incorporated into the design of the building. Data relating to the rainfall patterns of the area is contained within the Architect Report.
7. Architect confirmed that energy efficient measures will be incorporated into the building in the form of:
 - A passive system for heating and cooling the building (this is still to be finalised).
 - Orientation of the building- it will be orientation north-south to maximise on natural light and heat.
 - Double glazing on all windows
 - Photovoltaics and solar panels to assist with the heating and cooling of the building to avoid to becoming an additional load
 - LED technology will be used
 - A back-up diesel generator will be installed (this will be decoupled to avoid noise impacts).

8. SOCIO-ECONOMIC IMPACTS

- Total project cost will be R45 million (excluding the Fynbos Lodge upgrade).
- The construction of the administration building will be for approximately 12 months and the external and civil work will last for approximately 6 months thereafter (a total of 18 months).
- Construction work will go out to tender as such the amount of employment opportunities available is unknown at this stage. Additionally, their monthly income is also unknown at this stage.
- The tender will contain a provision that 50% of those employed should be local unskilled labour.

9. OTHER

- Aurecon will continue to be notified of all key milestone dates regarding the environmental authorisation process (draft bar submission, final bar submission, acknowledgement of receipt from the DEA etc.)
- Prior to circulating the Draft BAR for the first round of public participation, it will be sent to SANBI and VMA for review and feedback.