

05 August 2019

Department of Environmental Affairs and Development Planning  
Attention: Directorate: Development Management (Region 1)  
Private Bag X 9086  
Cape Town,  
8000

**NOTICE OF INTENT FOR THE PROPOSED DEVELOPMENT OF A 30M HIGH  
TELECOMMUNICATION MAST ON REMAINDER OF FARM NO. 365, LUIPAARDSBERG,  
SWELLENDAM**

Dear Sir/Madam

Please find enclosed 2 x hard copies (one of which is the original) and 1x digital copy of the Notice of Intent to submit an application in terms of the NEMA EIA Regulations 2014, as amended, for proposed telecommunications mast.

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

Yours faithfully



Emile Esquire  
EnviroAfrica cc



**Western Cape  
Government**

Environmental Affairs and  
Development Planning

**NOTICE OF INTENT**

**to submit an application in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) and the 2014 Environmental Impact Assessment Regulations; and/or the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008), and/or the National Exemption Regulations.**

**Form Number NOI 12/2014**

**December 2014**

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

**PROJECT TITLE**

The proposed development of a 30m high telecommunication mast on Remainder of Farm No. 365, Luipaardsberg, Swellendam, Western Cape

**PRE-APPLICATION CONSULTATION**

The information submitted with this Notice of Intent will allow for the Department to provide informed guidance to a proponent and Environmental Assessment Practitioner (EAP) on the process to be followed as well as to confirm the application fee and provide a specific fee reference number. Please also indicate whether the intention is to request a pre-application consultation meeting with the Department:

Do you intend to request a pre-application consultation meeting with the Department?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
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Cape Town: 1 Dorp Street, Cape Town, 8001  
George: 93 York Street, George, 6530

Private Bag X9086, Cape Town, 8000  
Private Bag X6509, George, 6530

[www.westerncape.gov.za/dept/eadp](http://www.westerncape.gov.za/dept/eadp)

**Note the following:**

1. An application for Environmental Authorisation/Amendment lapses if the applicant fails to meet any of the timeframes prescribed in terms of the 2014 EIA Regulations. If authorisation is required from a number of different authorities, the authorities might also require that an integrated process be followed. As such, it is recommended that the proponent and EAP approach the Department prior to submission of an application for guidance on the process to be followed by submitting this **Notice of Intent** form to the Department. The Department will respond in writing and provide guidance on the process to be followed, confirm the application fee to be paid and provide a specific fee reference number.
2. The content of the Department's Circular EADP 0028/2014 on the "One Environmental Management System" and the EIA Regulations (dated 9 December 2014) must be taken into account when completing this Notice of Intent.
3. This form is current as of **December 2014**. It is the responsibility of the Applicant / Environmental Assessment Practitioner ("EAP") to ascertain whether subsequent versions of the form have been released by the Department.
4. An **application fee is applicable to an application for Environmental Authorisation and an application for Amendment (refer to section 1 on page 3)**.
5. The required information must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. The tables may be expanded where necessary.
6. The use of "not applicable" in the form must be done with circumspection. The more comprehensive the information provided to the Department, the more informed the guidance by the Department will be.
7. Unless protected by law all information contained in, and attached to this application, will become public information on receipt by the Department. Upon request, the applicant/EAP must provide any interested and affected party with the information contained in or submitted with this form.
8. This form must be submitted to the Department at the details provided below. **If this Notice of Intent relates to an intended application for Waste Management Licence, this Notice of Intent must also be submitted for the attention of the Director: Waste Management (tel: 021 483 2756 and fax: 021 483 4425) at the same postal address as the Cape Town Office.**

**DEPARTMENTAL DETAILS**

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

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

## 1. FEES

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

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

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

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- **NB: Your specific fee reference number MUST be used as a deposit reference when making a payment.**
- You are required to complete the information in the **Request for a specific fee reference number** form attached to this form as Appendix 1 and submit the form to the Department as directed. Once a specific fee reference number has been obtained from the Department, it must be inserted into the application form and proof of payment attached when the application form is submitted to the Department. An application may not be submitted without the specific fee reference number and proof of payment. The Department will respond to a request for a specific fee reference number in writing.
- If there is uncertainty as to the application process that must be followed (particularly if a **Waste Management Licence** is also required), the Department should be approached for guidance prior to submission of the application.
- In the event that any **refunding of fees paid is required**, the "BAS Entity Maintenance" form must be completed, which can be obtained from the Department. Any refund must first be confirmed with the Department.
- Please refer to the national guideline *Guidance Document on the Fee Regulations* (April 2014), obtainable from <http://www.environment.gov.za/legislation/guidelines> for more information.

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



## 2. BACKGROUND INFORMATION

Highlight the Departmental Region in which the intended application will fall	CAPE TOWN OFFICE: REGION 1 (City of Cape Town & West Coast District)	CAPE TOWN OFFICE: REGION 2 (Cape Winelands District & Overberg District)	GEORGE OFFICE: REGION 3 (Central Karoo District & Eden District)
<b>Duplicate this section where there is more than one proponent</b> Name of proponent: RSA Identity/ Passport Number: Name of contact person for applicant (if other): RSA Identity/ Passport Number: Company/ Trading name (if any): Company Registration Number: Postal address: Telephone: E-mail:	Warren Petterson Planning		
	Warren Petterson		
	Warren Petterson Planning		
	2010/010982/23		
	PO Box 150		
	Century City		Postal code: 7446
	(021) 552 5255		Cell: 083 639 8888
	warren@wpplanning.co.za		Fax: 086 537 9187
	EnviroAfrica cc		
	Company of Environmental Assessment Practitioner (EAP): EAP name: Postal address: Telephone: E-mail: EAP Qualifications: EAP Registrations/Associations:	Emile Esquire	
P. O. Box 5367,			
Helderberg		Postal code: 7135	
(021) 851 1616		Cell:	
emile@enviroafrica.co.za		Fax: 086 512 0154	
Emile Esquire: BA (Geography & Environmental Studies); EIA Short course Bernard de Witt: B.Sc. Forestry (Stellenbosch); B.A. (Hons) Public Administration (Stellenbosch); National Diploma in Parks and Recreation Management; EIA Short course (UCT); ISO 14001 Auditors course (SABS)			
Bernard de Witt: AIAI-SA			
Johann David Beyers Testamentary Trust			
Ms Rykie Hodd			
Name of landowner: Name of contact person for landowner (if other): Postal address: Telephone:			
	Postal code:		
	Cell:		
	Ms Rykie Hodd		
Name of contact person for person in control of the land: Postal address: Telephone: E-mail:	Ms Rykie Hodd		
	Postal code:		
	Cell:		
		Fax:	

**Note:** In instances where there is more than one landowner or person in control of the land, a list of landowners/persons in control of the land, with their contact details, must be attached to the back of this form.

Municipality in whose area of jurisdiction the proposed activity will fall: Contact person: Postal address: Telephone: E-mail:	Swellendam Municipality		
	Mr. Anton Groenewald (Municipal Manager)		
	PO Box 20		
	Swellendam		Postal code: 6740
	028 514 8500		Cell:
	info@swellenmun.co.za mm@swellenmun.co.za		Fax: 028 514 2694

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

Property location of all proposed sites:	Off R319, Luipaardsberg, Swellendam, Western Cape		
Farm/Erff name(s) & number(s) (including portion) of all proposed sites:	Remainder of Farm No. 365		
Property size(s) (m <sup>2</sup> ) of all proposed sites:	102.90 Ha		
Development footprint size(s) in m <sup>2</sup> :	Approximately 121 m <sup>2</sup>		
SG Digit code(s) of all proposed sites:	C07300000000036500000		
Coordinates of all proposed sites: Latitude (S)	34 <sup>0</sup>	7'	53.16"
Longitude (E)	20 <sup>0</sup>	18'	20.51"

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

Street address of all proposed sites:	Off R319, Luipaardsberg, Swellendam, Western Cape		
Magisterial District or Town:	Swellendam		
Closest City/Town:	Swellendam	Distance	16 km
Current zoning of all proposed sites:	Agriculture zoned		

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

Is a rezoning application required?	YES	NO
Is a consent use application required?	YES	NO
Locality map:	<p>A locality map must be attached to the application form, as an Appendix. The scale of the locality map must be at least 1:50 000. For linear activities of more than 25 kilometres, a smaller scale e.g. 1:250 000 can be used. The scale must be indicated on the map. The map must include the following:</p> <ul style="list-style-type: none"> <li>• an accurate indication of the project site position as well as the positions of the alternative sites, if any;</li> <li>• road names or numbers of all the major roads as well as the roads that provide access to the site(s)</li> <li>• a north arrow;</li> <li>• a legend;</li> <li>• the prevailing wind direction; and</li> <li>• GPS co-ordinates (Indicate the position of the proposed activity with the latitude and longitude at the centre point for each alternative site. The co-ordinates should be in degrees and decimal minutes. The minutes should be to at least three decimal places. The projection that must be used in all cases is the WGS-84 spheroid in a national or local projection)</li> </ul>	
Landowner(s) Consent:	<p>If the applicant is not the owner or person in control of the land on which the activity is proposed to be undertaken, he/she must obtain written consent from all landowners or persons in control of the land (of the site and all alternative sites). The written consent must be attached to Application for Environmental Authorisation. See Appendix 1 to the Application for Environmental Authorisation Form.</p> <p><b>Note:</b> The consent of the landowner or person in control of the land is not required for: a) linear activities; b) an activity directly related to prospecting or exploration of a mineral and petroleum resource or extraction and primary processing of a mineral resource; or c) strategic integrated projects ("SIPs") as contemplated in the Infrastructure Development Act, 2014 (Act No. 23 of 2014).</p>	
Project Plan	A project schedule should be submitted as an Appendix, and include milestones for:	

(e.g. Gantt chart)	<ul style="list-style-type: none"> <li>public participation (dates for advertisements, workshops and other meetings, obtaining comment from organs of state including state departments);</li> <li>the commencement of parallel application processes required in terms of other statutes and where relevant, the alignment of these application processes with the EIA process;</li> <li>the submission of the key documents (e.g. Application Form, Basic Assessment Report, Scoping Reports, EIA Reports and Environmental Management Programmes).</li> </ul> <p><b>Note:</b></p> <ul style="list-style-type: none"> <li>All the above dates must take into account the statutory timeframes for authority responses that are stipulated in the 2014 NEMA EIA Regulations.</li> <li>Possible appeals may impact on project timeframes/milestones.</li> <li>Regulation 45 states that "An application in terms of these Regulations lapses, and a competent authority will deem the application as having lapsed, if the applicant fails to meet any of the time-frames prescribed in terms of these Regulations, unless extension has been granted in terms of regulation 3(7)." It is recommended that the Department be approached for guidance on the process to be followed, prior to submitting an application.</li> </ul>
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### 3. PROJECT DESCRIPTION

<b>3.1 Will the proposed application be subjected to Basic Assessment?</b>	YES	NO
<b>3.2 Will the proposed application be subjected to Scoping and EIR?</b>	YES	NO
<b>3.3 Provide a detailed description of the proposed project, its associated infrastructure, and the availability of bulk services. A clear, accurate and comprehensive description will obviate any requests for additional information by the Department.</b>		
<p>The proposed installation of a 30m high telecommunications mast and bases station base station on Remainder of Farm No. 365, Luipaardsberg, Swellendam, Western Cape.</p> <p>The proposed mast will be a lattice mast and will be 30m in height and will have a development footprint of 121m<sup>2</sup> (11m X 11m). Antennas will be placed on top the top part of the mast. The mast base station will be enclosed with a 2.4m high steel palisade fence for safety and security reasons (please refer to <b>Appendix 2</b>). The mast and base station will have three equipment containers for future clients and will have an access gate. No pipelines will be installed. No roads will be constructed. Electricity to power the mast will be sourced from Eskom. The site co-ordinates are <b>34° 7' 53.16" S, 20° 18' 20.51" E</b>.</p>		
<b>3.4 Is the activity to be applied for:</b>		
3.4.1 a linear activity?	YES	NO
3.4.2 an activity directly related to prospecting or exploration of a mineral and petroleum resource or extraction and primary processing of a mineral resource?	YES	NO
3.4.3 a strategic integrated projects ("SIPs) as contemplated in the Infrastructure Development Act, 2014 (Act No. 23 of 2014)?	YES	NO

### 3.5 Waste, effluent and emission management

#### 3.5.1 Solid waste management

(i) Will the activity produce any solid waste (including rubble) during the construction or operational phases?	YES	NO	UNCERTAIN
(ii) If YES, will it feed into a municipal waste stream?	YES	NO	UNCERTAIN
(iii) If NO to (ii) above, describe the types of solid waste and how each will be treated / disposed of.			
Construction solid waste will be disposed of at the applicable waste disposal facility within the local municipality.			

### 3.5.2 Effluent

(i) Will the activity produce sewage and or any other effluent?	YES	NO	UNCERTAIN
(ii) If YES, will the sewage / effluent be treated and/or disposed of in a municipal system?	YES	NO	UNCERTAIN
(iii) If NO to (ii) above, briefly describe the nature of the sewage / effluent and how it will be treated and/or disposed of:			
No permanent toilets will be on site. During the construction phase, a portable chemical toilet will be placed on site and removed once the construction is completed.			

### 3.5.3 Emissions into the atmosphere

(i) Will the activity produce emissions that will be disposed of into the atmosphere?	YES	NO	UNCERTAIN
(ii) If YES, describe the emissions in terms of type and concentration and how it will be treated/mitigated:			
N/A			

## 3.6 Water Use

Please indicate the source(s) of water for the activity by highlighting the appropriate box (es)

Municipal	Water board	Groundwater	River, Stream, Dam or Lake	Other	The activity will not use water
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If water is to be extracted from groundwater, river, stream, dam, lake or any other natural feature, please indicate the volume that will be extracted per month:		N/A
Please provide proof of assurance of water supply eg. Letter of confirmation from municipality / water board, yield of borehole		
Does the activity require a water use permit / licence from the National Water Act?	YES	NO
If YES, describe:		

## 3.7 Power Supply

3.7.1 Please indicate the source of power supply eg. Municipality / Eskom / Renewable energy source

Power will be sourced directly from Eskom.
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3.7.2 If power supply is not available, where will power be sourced from?

Power will be sourced directly from Eskom.
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## 3.8 Land use description

3.8.1 Describe the current land use of the proposed site(s) for the activity

The proposed site is zoned for agricultural purposes and is surrounded by agricultural land uses. However, the area immediately west and east of the proposed site is existing buildings with lattice masts. The site is located between two
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existing buildings with lattice masts. The existing lattice masts are not able to accommodate any additional infrastructure. The proposed site is located on a flat surface area and has no slope. A consent use application will be submitted to Swellendam Municipality in due course. Please refer to **Appendix 2** for the site plans.

### 3.8.2 Describe the surrounding land uses

The proposed site is zoned for agricultural purposes and is surrounded by agricultural land uses. However, the area immediately west and east of the proposed site is existing buildings with lattice masts. The site is located between two existing buildings with lattice masts. The surrounding areas is characterised by cultivated land and orchards and displays a typical rural landscape. There is a water reservoir approximately 455m north-west of the proposed. There is an existing dirt access road leading towards the proposed site. Please refer to **Appendix 1** and **Figures 1 – 3** below.



Figure1: Google Earth aerial view of the proposed site (yellow placemark) in relation to the surrounding area.

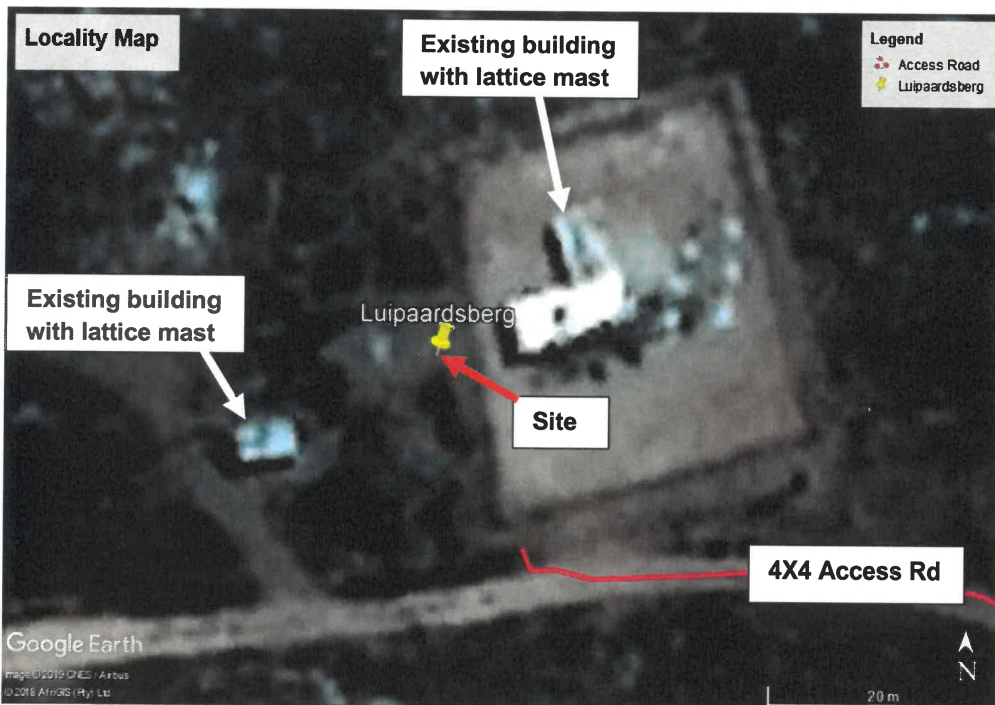


Figure 2: Google Earth aerial view of the proposed site (yellow placemark) in relation to the surrounding area.



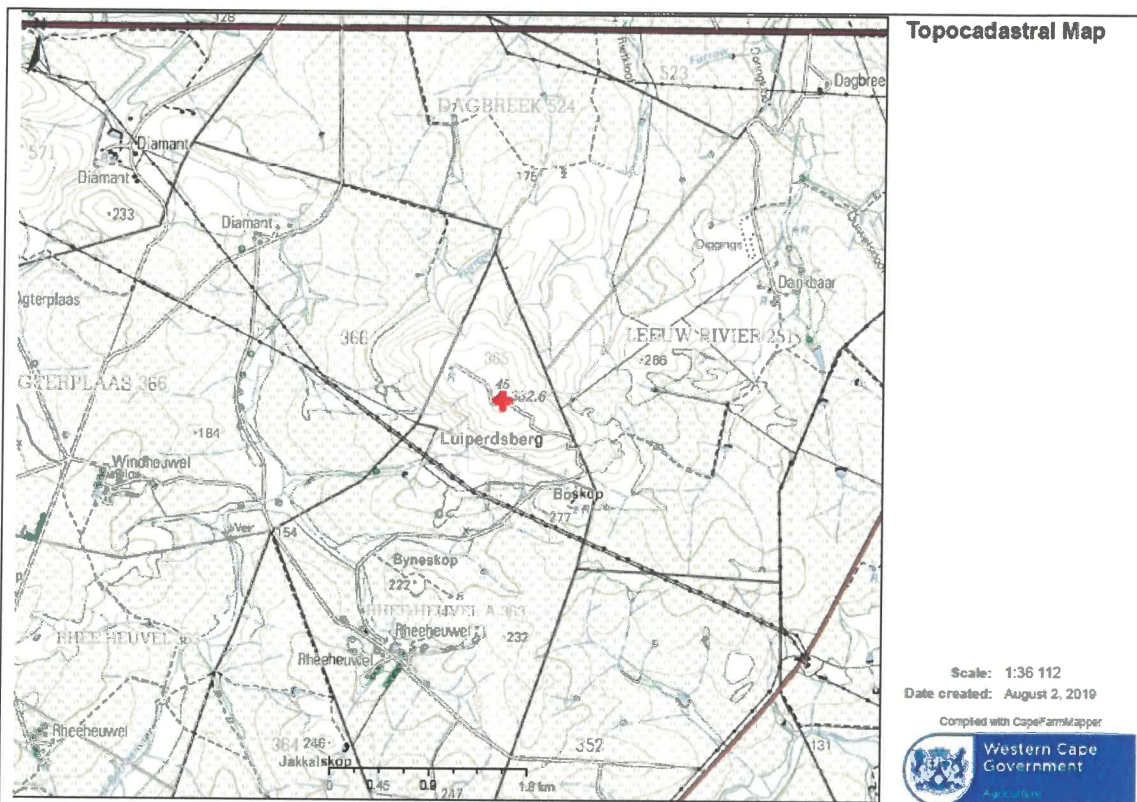


Figure 3: Topocadastral Map showing the site (red cross) in relation to the surrounding area. The site is located on a mountain koppie and is surrounded with agricultural land uses.

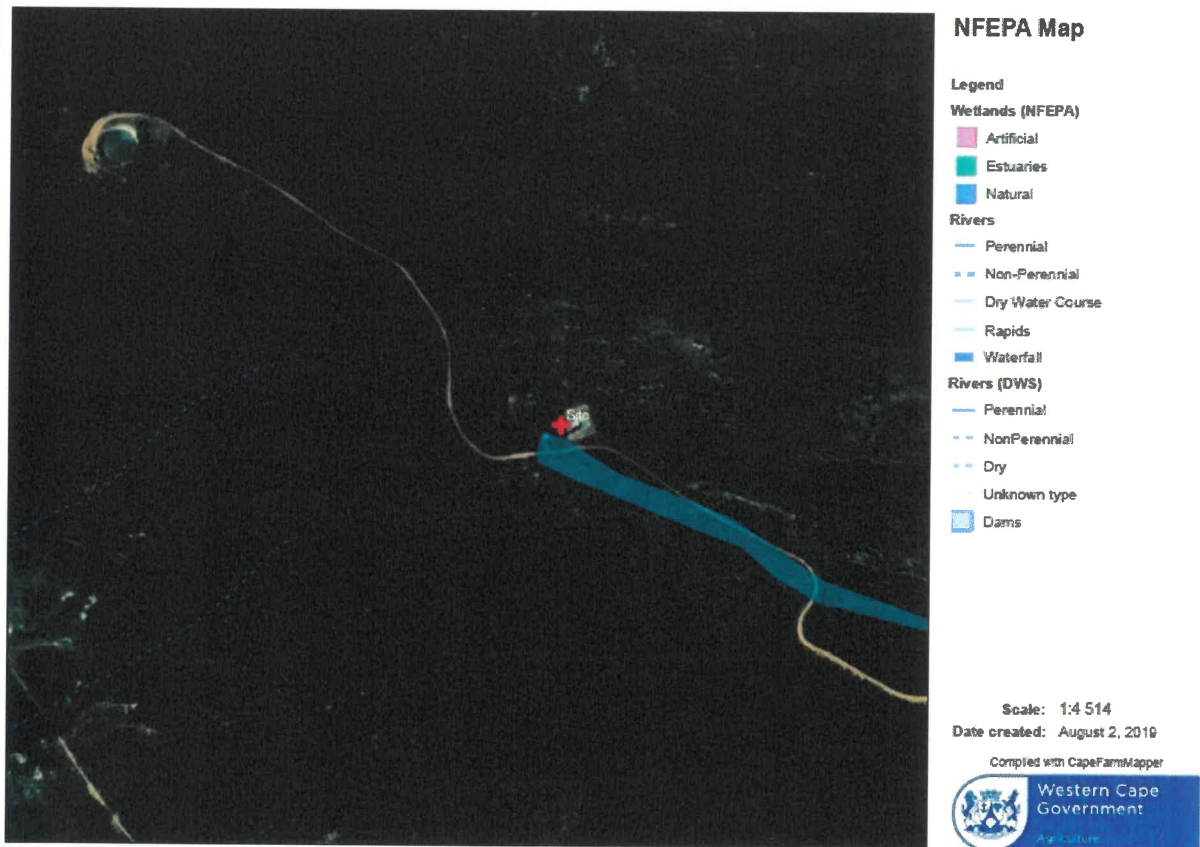


Figure 4: The proposed site (red cross) is approximately 15m north of a natural wetland.

### 3.9 Groundcover

Highlight the types of groundcover present on the site.

Indigenous vegetation—good condition	Indigenous vegetation with scattered aliens	Indigenous vegetation with heavy alien infestation	Veld-dominated by alien species	Gardens	Other
Sport field	Cultivated land	Paved surface	Building or other structure	Bare soil	

## 4. ACTIVITIES THAT WILL BE APPLIED FOR

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

Activity No(s):	Provide the relevant <b>Basic Assessment Listed Activity(ies)</b> as set out in <b>Listing Notice 1</b> (GN No. R. 983)
N/A	
Activity No(s):	Provide the relevant <b>Basic Assessment Listed Activity(ies)</b> as set out in <b>Listing Notice 3</b> (GN No. R. 985)
3	<p>The development of masts or towers of any material or type used for telecommunication broadcasting or radio transmission purposes where the mast or tower;</p> <p><b>(a) is to be placed on a site not previously used for this purpose; and</b></p> <p><b>(b) will exceed 15 metres in height but excluding attachments to existing buildings and masts on rooftops.</b></p> <p><b><u>In the Western Cape</u></b></p> <p><b>i) All areas outside urban areas; or</b></p> <p><b>ii) Areas designated for conservation use in Spatial Development Frameworks adopted by the competent authority, or zoned for a conservation purpose, within urban areas.</b></p>
Activity No(s):	Provide the relevant <b>Scoping and EIR Listed Activity(ies)</b> as set out in <b>Listing Notice 2</b> (GN No. R. 984)
N/A	
Activity No(s):	Provide the relevant <b>Category A Waste Management Activity(ies)</b> as set out in <b>List of Waste Management Activities</b> (GN No. R. 921)
N/A	
Activity No(s):	Provide the relevant <b>Category B Waste Management Activity(ies)</b> as set out in <b>List of Waste Management Activities</b> (GN No. R. 921)
N/A	

**Note:**

- A Scoping and Environmental Impact Reporting (S&EIR) process must be followed for all the activities (NEMA Listed Activities and/or Waste Management Activities) if any of the activities must be subjected to S&EIR.
- Only those activities listed above shall be considered for authorisation. The onus is on the applicant to ensure that all applicable listed activities are included in the application. Environmental Authorisation must be obtained prior to commencement with each applicable listed activity. If a specific listed activity is not included in an Environmental Authorisation, an application for amendment or a new application for Environmental Authorisation will have to be submitted.

## OTHER APPLICATIONS

### 5.1 Intended Application for Exemption

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

Please provide a description (including the relevant NEMA provision or EIA Regulation number(s) for which exemption will be applied for:

NOTICE OF INTENT: NEMA, 2014 NEMA EIA REGULATIONS, AND/OR NEM: WA AND/OR NATIONAL EXEMPTION REGULATIONS  
– December 2014

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

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

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

## 5.3 Heritage Impact Assessment

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

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

Section 38 of the Act states as follows:

38. (1) Subject to the provisions of subsections (7), (8) and (9), any person who intends to undertake a development categorised as-
- (a) the construction of a road, wall, powerline, pipeline, canal or other similar form of linear development or barrier exceeding 300m in length;
  - (b) the construction of a bridge or similar structure exceeding 50m in length;
  - (c) any development or other activity which will change the character of a site-
    - (i) exceeding 5 000 m<sup>2</sup> in extent; or
    - (ii) involving three or more existing erven or subdivisions thereof; or
    - (iii) involving three or more erven or divisions thereof which have been consolidated within the past

- five years; or  
 (iv) the costs of which will exceed a sum set in terms of regulations by SAHRA or a provincial heritage resources authority;  
 (d) the re-zoning of a site exceeding 10 000 m<sup>2</sup> in extent; or  
 (e) any other category of development provided for in regulations by SAHRA or a provincial heritage resources authority, must at the very earliest stages of initiating such a development, notify the responsible heritage resources authority and furnish it with details regarding the location, nature and extent of the proposed development.

Does the proposed development constitute the undertaking of any of the categories of development set out in Section 38(1) of the National Heritage Resources Act?	YES	NO
If yes, please explain:		
A Notice of Intent to Develop (NID) will be submitted to Heritage Western Cape in due course.		

If the proposed development does constitute the undertaking of any of the categories of development set out in Section 38(1) of the National Heritage Resources Act, has a Notice of Intent been submitted to Heritage Western Cape?	YES	NO
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**Note:** A copy of the Notice of Intent submitted to Heritage Western Cape must be submitted with this form.

#### 5.4 Intended Applications in terms of other legislation

Is any permission, licence or other approval required in terms of any other legislation? (Please tick)	YES	NO
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If yes, please complete the table below:

Type of approval required (List the applicable legislation & approval required):	Name of the authority responsible for administering the applicable legislation	Application submitted (Yes/ No)	Status of application (e.g. pending/ granted/ refused)
Swellendam Municipality: By-Law on Municipal Land use Planning, 2015 – consent use approval	The Land Use Planning Application will be launched once an Environmental Authorization has been issued.	No	Application will be submitted upon approval of this EIA application.

## 6. PLANNING CONTEXT

Is the activity permitted in terms of the property's existing land use rights?	YES	NO	Please explain
The proposed site is zoned Agriculture and is surrounded by agricultural land uses. The proposed site is surrounded by agricultural land uses. In terms of the Swellendam Municipal Land Use Planning By-Law, the primary land use for the site is for Agriculture, and that a consent use will be required for a freestanding base telecommunication station. Please note that a Consent Use Application will be lodged after this NEMA EIA Application.			
Will the activity be aligned with the following:			
The Provincial Spatial Development Framework (PSDF)	YES	NO	Please explain
The proposed development of a 30m high telecommunications mast on Remainder of Farm No. 365, Luipaardsberg, Swellendam, is not likely to have a negative impact on the Province's PSDF. A consent use application will be submitted upon finalisation of this NEMA EIA application. The benefits of telecommunications services in modern society are potentially limitless. The proposed activity will increase the coverage of these telecommunications services, including providing a more reliable and wider coverage.			
The edge of the built environment for the area	YES	NO	Please explain
The proposed mast will not have a negative impact on the built environment of the area. The proposed site is located on a property that is zoned for agricultural purposes and is located outside of the urban area / built-up area of Swellendam. The proposed site is zoned for agricultural purposes and is surrounded by agricultural land uses. However, the area immediately west and east of the proposed site is existing buildings with lattice masts. The site is located between two existing buildings with lattice masts. The surrounding areas is characterised by cultivated land and orchards and displays			

a typical rural landscape. There is a water reservoir approximately 455m north-west of the proposed. There is an existing dirt access road leading towards the proposed site. Please refer to Appendix 1 and Figures 1 – 3 above.			
The Integrated Development Plan of the Local Municipality	YES	NO	Please explain
The proposed development of a 30m high telecommunications mast on Remainder of Farm No. 365, Luipaardsberg, is not likely to have a negative impact on Swellendam Municipality's IDP. A consent use application will be submitted upon finalisation of this NEMA EIA application. The benefits of telecommunications services in modern society are potentially limitless. The proposed activity will increase the coverage of these telecommunication services, including providing a more reliable and wider coverage.			
The Spatial Development Framework of the Local Municipality.	YES	NO	Please explain
The proposed development will be in line with the SDF of the municipality. A consent use application will be submitted upon finalisation of this NEMA EIA application. The benefits of telecommunications services in modern society are potentially limitless. The proposed activity will increase the coverage of these telecommunications services, including providing a more reliable and wider coverage.			
An Environmental Management Framework (EMF)	YES	NO	Please explain
The proposed development will be line with the municipality's EMF for the area.			
Any other Plans	YES	NO	Please explain
N/A			
Are any Amendments of the above-mentioned required?	YES	NO	Please explain.
Will the proposed development lie within coastal public property, the coastal protection zone, or coastal access land as defined in terms of the NEM: ICMA, 2008?			
YES	NO	Please explain.	
N/A			

## 7. PUBLIC PARTICIPATION

### 7.1 Public participation process

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

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

1. In terms of regulation 41 of the EIA Regulations, 2014 -			
(a) fixing a notice board at a place conspicuous to and accessible by the public at the boundary, on the fence or along the corridor of -			
(i) the site where the activity to which the application relates is or is to be undertaken; and	YES	EXEMPTION	
(ii) any alternative site	YES	EXEMPTION	
(b) giving written notice, in any manner provided for in section 47D of the NEMA, to -			
(i) the occupiers of the site and, if the applicant is not the owner or person in control of the site on which the activity is to be undertaken, the owner or person in control of the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken;	YES	EXEMPTION	N/A
(ii) owners, persons in control of, and occupiers of land adjacent to the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken;	YES	EXEMPTION	
(iii) the municipal councillor of the ward in which the site or alternative site is situated and any organisation of ratepayers that represent the community in the area;	YES	EXEMPTION	
(iv) the municipality (Local and District Municipality) which has jurisdiction in the area;	YES	EXEMPTION	
(v) any organ of state having jurisdiction in respect of any aspect of the activity; and	YES	EXEMPTION	
(vi) any other party as required by the Department;	YES	EXEMPTION	N/A
(c) placing an advertisement in -			
(i) one local newspaper; or	YES	EXEMPTION	



(ii) any official Gazette that is published specifically for the purpose of providing public notice of applications or other submissions made in terms of these Regulations;	YES	EXEMPTION	N/A
(d) placing an advertisement in at least one provincial newspaper or national newspaper, if the activity has or may have an impact that extends beyond the boundaries of the metropolitan or district municipality in which it is or will be undertaken	YES	EXEMPTION	N/A
(e) using reasonable alternative methods, as agreed to by the Department, in those instances where a person is desirous of but unable to participate in the process due to— (i) illiteracy; (ii) disability; or (iii) any other disadvantage.	YES	EXEMPTION	N/A
If you have indicated that "EXEMPTION" applies to any of the above, then a separate Application for Exemption must be submitted.			
2. The NEM: AQA and NEM:WA requires that a notice must be placed in at least two newspapers.			
If applicable, have/will an advertisement be placed in at least two newspapers?	YES	NO	
If "NO", then an application for exemption from the requirement must be applied for.			

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

## 7.2 Public participation undertaken prior to the submission of this Notice of Intent

Where public participation in terms of Regulations 40(3) and 41 was undertaken prior to submission of this Notice of Intent, please provide a summary of the steps followed to date.
No PPP undertaken to date.

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

Provide a list of all the State departments that will be/have been consulted, including the name and contact details of the relevant official.
Heritage Western Cape
Department of Water and Sanitation
Department of Agriculture
Department of Health
CapeNature
Swellendam Local Municipality
District Municipality
Breede Gouritz Catchment Management Agency (BGCMA).

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

## 8. DECLARATIONS

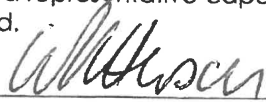
### 8.1 THE APPLICANT

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

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

- am fully aware of my responsibilities in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA"), the Environmental Impact Assessment Regulations ("EIA Regulations") in terms of NEMA (Government Notice No. R. 982 refers) and any relevant specific environmental management act and that failure to comply with these requirements may constitute an offence in terms of relevant environmental legislation;
- appointed the environmental assessment practitioner, where applicable, which meets all the requirements in terms of regulation 13 of GN No. R 982 to act as independent environmental assessment practitioner for this application;
- will provide the environmental assessment practitioner and specialist, where applicable, and the competent authority with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred in complying with the NEMA EIA Regulations, 2014 and other environmental legislation including but not limited to –
  - o costs incurred in connection with the appointment of the environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
  - o costs incurred in respect of the undertaking of any process required in terms of the regulations;
  - o costs in respect of any fee prescribed by the Minister or MEC in respect of the regulations;
  - o costs in respect of specialist reviews, if the competent authority decides to recover costs; and
  - o the provision of security to ensure compliance with applicable management and mitigation measures;
- am responsible for complying with conditions that may be attached to any decision(s) issued by the competent authority;
- will ensure that the environmental assessment practitioner is competent to comply with the requirements of NEMA EIA Regulations, 2014 other environmental legislation;
- hereby indemnify, the government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action for which the applicant or environmental assessment practitioner is responsible in terms of the NEMA EIA Regulations, 2014 and any specific environmental management act; and
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to an appeal being decided in terms of the NEMA Regulations, 2014.

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

  
Signature of the applicant:

Warren Petterson Planning  
Name of company:

2019-08-05  
Date:

## 8.2 THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) (WHERE APPLICABLE)

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

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

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

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

EnviroAfrica CC  
\_\_\_\_\_  
Name of company:

Date:

05/08/2019  
\_\_\_\_\_

**APPENDIX 1****REQUEST FOR A SPECIFIC FEE REFERENCE NUMBER****A: Applicant's details:**Name: **Warren Petterson Planning**ID Number: **671205 5044 08 9**Residential Address: **Unit H, 3<sup>rd</sup> Floor, The Matrix Building, Bridge Way, Century City, 7441**Postal Address: **PO Box 150, Century City, 7446**Telephone no.: **(021) 552 5255**Cellular no.: **083 639 8888**Facsimile no.: **086 609 2734**Email address: [warren@wpplanning.co.za](mailto:warren@wpplanning.co.za)**Note:** Please duplicate where there is more than one applicant.**B: Provide a brief description of the proposed project:**

The proposed development of a 30m high telecommunication mast on Remainder of Farm No. 365, Luipaardsberg, Swellendam, Western Cape. The proposed development is to clear an area of 121m<sup>2</sup> (11m x 11m) to erect a 30m high lattice mast. Antennas will be attached to the top of the proposed mast and will have a 2.4m high palisade fence. No roads will be constructed as an existing access road will be used to gain access to the proposed site.

**C: Indicate the process to which the application must be subjected:**

The applicable listed activities to be applied for are (list the respective activity numbers):

Basic Assessment:	Activity Number	Scoping & EIR:	Activity Number	NEM: Waste Act:	Activity Number
Listing Notice 1		Listing Notice 2		Category A	
Listing Notice 3	<b>3</b>			Category B	

The process to which the proposed application is to be subjected is (tick the relevant box):

<b>Basic Assessment:</b>	<input checked="" type="checkbox"/>	<b>Scoping and EIR:</b>	<input type="checkbox"/>	<b>Non-substantive Amendment</b>	<input type="checkbox"/>	<b>Substantive Amendment</b>	<input type="checkbox"/>
--------------------------	-------------------------------------	-------------------------	--------------------------	----------------------------------	--------------------------	------------------------------	--------------------------

**D: Application Fee:**

Indicate the fee to be paid:

<b>Application Fee</b>	<b>R2 000</b>
------------------------	---------------

**Note:** The Department will confirm the amount to be paid. Where permission has been granted for a combined application to be submitted as contemplated in Regulation 11, the fee payable in terms of the application in question must be confirmed with the Department prior to submission of the application.

**E: Departmental region within which the application will be administered (tick the relevant box):**

CAPE TOWN OFFICE: REGION 1 (City of Cape Town & West Coast District) Fax: (021) 483 4372	<input checked="" type="checkbox"/>	CAPE TOWN OFFICE: REGION 2 (Cape Winelands District & Overberg District) Fax: (021) 483 3633	<input type="checkbox"/>	GEORGE OFFICE: REGION 3 (Central Karoo District & Eden District) Fax: (044) 874 2423	<input type="checkbox"/>
--	-------------------------------------	---	--------------------------	---	--------------------------

I, **Cornelis Wessels**, herewith request the Department to provide me with a specific fee reference number in order that I may make payment of the application fee. I am fully aware of my responsibility to ensure that the correct fee is paid and that proof of such payment must be attached to my application form. I further confirm that the information I have provided herein is true and correct.

Applicant's signature

05/08/2019  
Date

(For official use only)					
Captured by : _____	Date received: _____	Date captured: _____			
EIA Process (tick) : Basic Assessment (R2 000)	Scoping and EIR (R10 000)	Joint EIA/WML (R2 000)	Category A (R10 000)	Category B (R10 000)	Amendment (R2 000)
Amount to be paid: _____		Specific fee reference number: _____			
Process and amount approved by Control EO: _____					
			Name _____ Signature _____		

**THIS FORM MUST BE FAXED TO THE RELEVANT REGION REFLECTED IN THE DEPARTMENTAL DETAILS ABOVE**  
**THE APPLICATION FEE MUST BE MADE INTO THE DEPARTMENTAL BANKING ACCOUNT USING THE SPECIFIC FEE REFERENCE NUMBER.**

NOTICE OF INTENT: NEMA, 2014 NEMA EIA REGULATIONS, AND/OR NEM: WA AND/OR NATIONAL EXEMPTION REGULATIONS  
 – December 2014

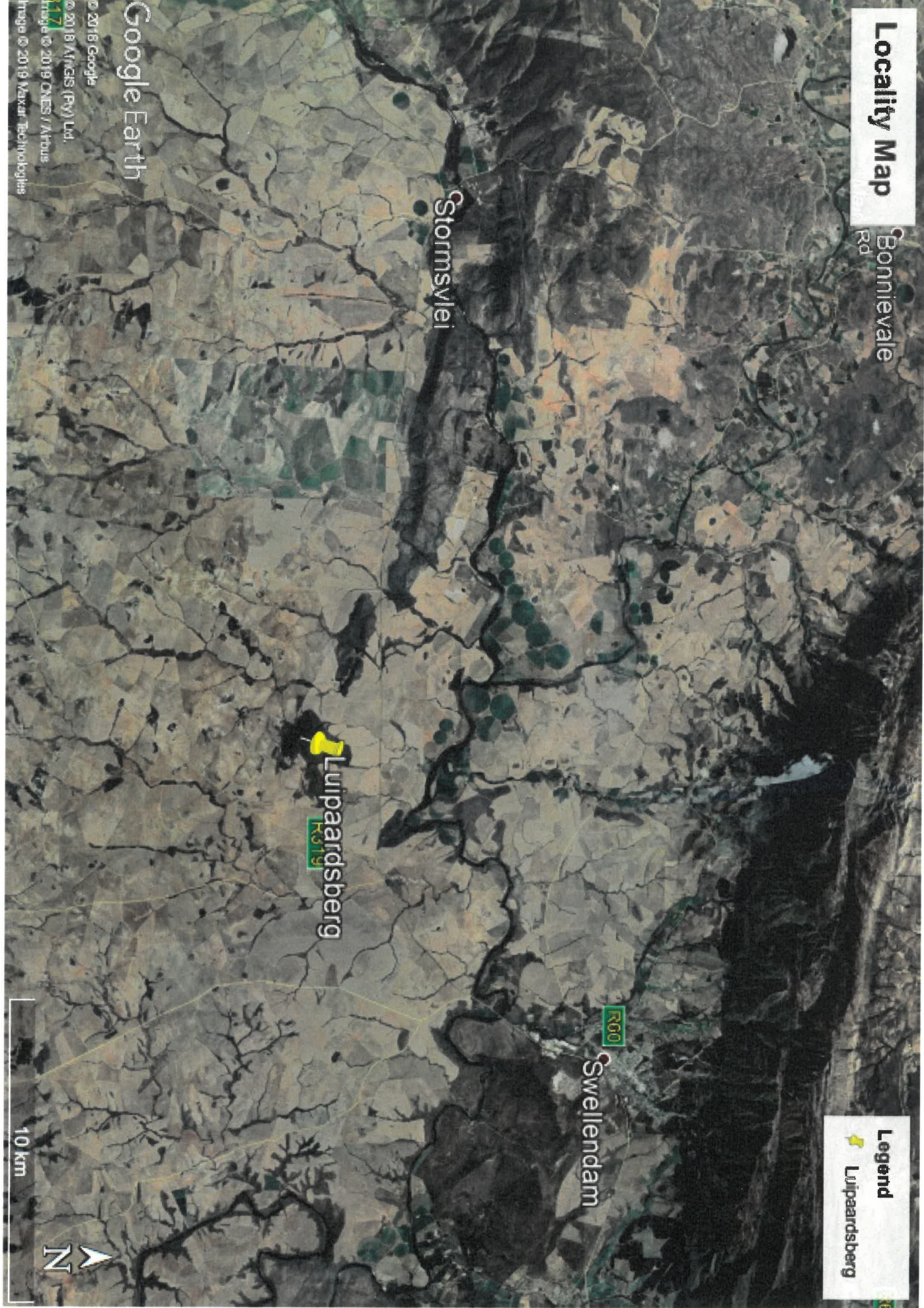


# Appendix 1

---


*Locality Map*







## Locality Map

**Legend**  
 Luipaardsberg

Google Earth

Image © 2019 CNES / Airbus  
Image © 2019 Maxar Technologies  
© 2018 Google  
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 Luipaardsberg

R319

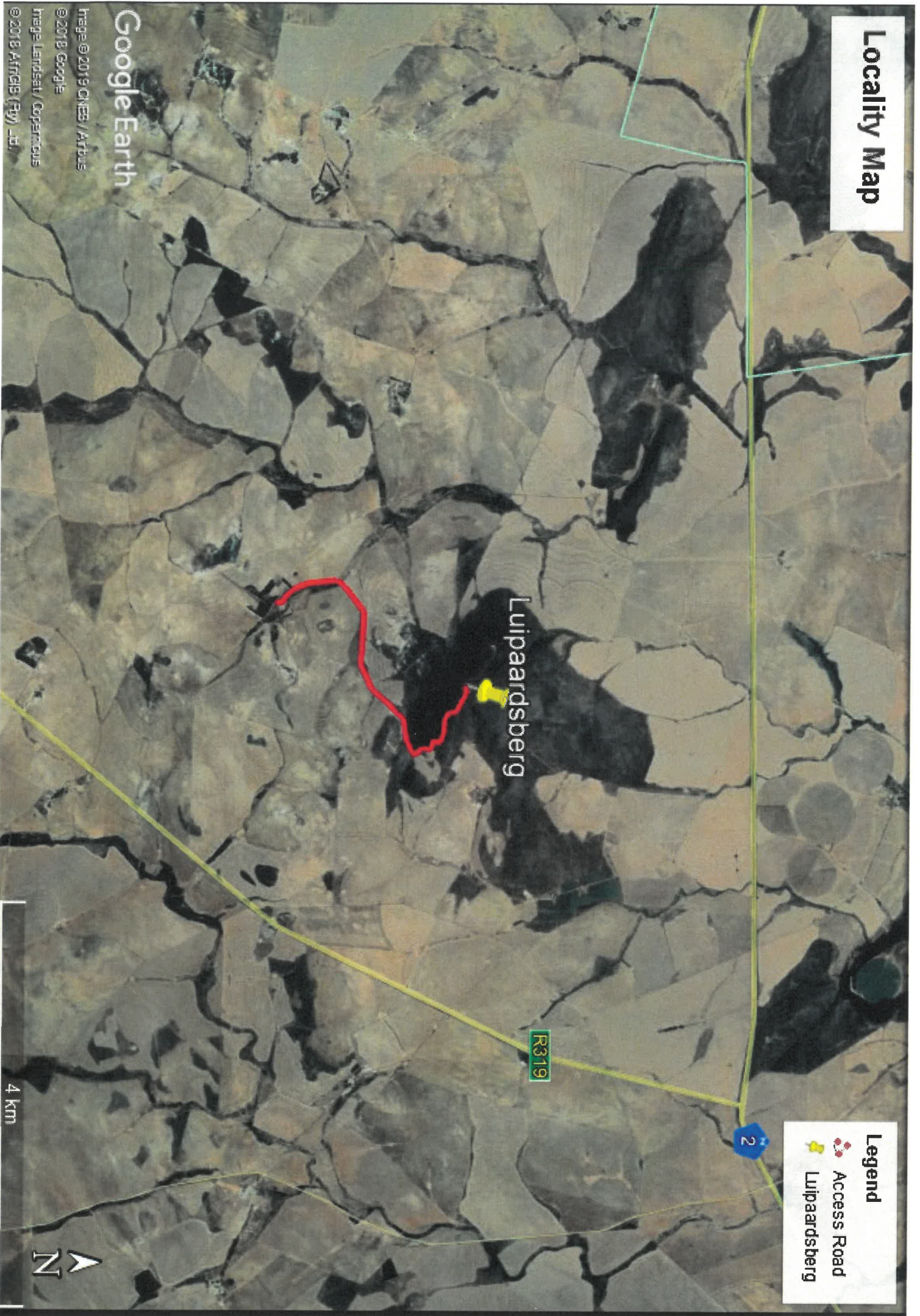
N2

6 km





## Locality Map



Google Earth

Image © 2019 CNES / Airbus  
© 2018 Google  
Image Landsat / Copernicus  
© 2018 Airbus (Pty) Ltd.

## Legend

- Access Road
- Luipaardsberg



4 km

N



## Locality Map

Luipaardsberg

- Legend**
-  Access Road
  -  Luipaardsberg

R319

2 km





Google Earth

Image © 2016 CNES / Airbus  
© 2016 Google  
© 2016 Airbus (Pty) Ltd.



## Locality Map

Luipaardsberg

- Legend**
-  Access Road
  -  Luipaardsberg

Google Earth



Image © 2016 CNES / Airbus  
© 2016 Airbus (Pty) Ltd.

800 m





# Locality Map

- Legend**
-  Access Road
  -  Luipaardsberg

Luipaardsberg

100 m





Google Earth

Image © 2013 CNES / Airbus  
© 2018 Airbus (Pty) Ltd.



# Locality Map

## Legend

-  Access Road
-  Luipaardsberg

Existing building  
with lattice mast

Existing building  
with lattice mast

Luipaardsberg

Site

4X4 Access Rd

Google Earth

Image © 2016 CNES / Airbus  
© 2018, Airbus (Pty) Ltd.

20 m



# Appendix 2

---

*Site Plans*





ZTE



SITE NAME: LUPERDSBERG

T-NUMBER: X100195  
LAND ID: N/A  
WBS NO: N/A

PROJECT NO:  
LATITUDE: 34.13157 S LONGITUDE: 20.30622 E ASL: 375m  
ADDRESSES: Luperdsberg Swetlandam Gdps Town

SURVEY DATE: 05.09.2015  
ENGINEER: N/A  
ECSA NO.: N/A  
SITE SUPERVISOR: Marius Nortje

MTN RADIO ENGINEER  
NAME: SIGN  
NAME: MTN PLANNER SIGN  
NAME: ZTE APPROVAL SIGN  
NAME: SIGN

Consentment of work subject to above approval

DRAWN BY CHECKED BY

NAME: NAME:

Dtds Wdel DATE

DATE: 25.09.2015

REVISIONS  
REV DESCRIPTION BY DATE  
0 Original Dtds Wdel 25.09.2015

TITLE: Drawing List

DRAWING NO.: 0  
PROJECT SITE NO. SHEET REV  
MTN X100195 0-15 A

Drawing List

# DRAWING LIST

ISSUE DATE: 25.09.2015

Page	Drawing Category	Drawing No.	Content of Drawing	Revisions	Sheet Size	Remarks
1	Site Location	L1	Site Location 1	A Detail Design	A3	
2		L2	Site Location 2	A Detail Design	A3	
3	Construction	C1	Site Information	A Detail Design	A3	
4		C2	Site Photo	A Detail Design	A3	
5		C3	Top View	A Detail Design	A3	
<input type="checkbox"/>		C4	Front Side View	A Detail Design	A3	
7		C5	Sleeve Detail	A Detail Design	A3	
<input type="checkbox"/>		C6	Earthing Layout	A Detail Design	A3	
9		C7	Tower Foundation 1	A Detail Design	A3	
10		C8	Tower Foundation 2	A Detail Design	A3	
11		C9	Tower Foundation 3	A Detail Design	A3	
12		C10	Tower Foundation 4	A Detail Design	A3	
13	Preview	C11	Equipment Layout	A Detail Design	A3	
14		P1	Top View	A Detail Design	A3	
15		P2	Front Side View	A Detail Design	A3	





# ZTE



SITE NAME: LUUPERDSBERG

PROJECT NO.: X100196  
LAND ID: N/A  
WBS NO.: N/A

REQ NO.:  
PROJECT NO.:  
LATITUDE: 34.13157 S  
LONGITUDE: 20.30322 E  
ASL: 375m  
ADDRESS: Luiperdsberg  
Swellendam  
Cape Town

SURVEY DATE: 05.09.2015  
ENGINEER: N/A  
ECSA NO.: N/A  
SITE SURVEYOR: Marius Nordje

MTN RADIO ENGINEER  
NAME: SIGN  
MTN PLANNER  
NAME: SIGN  
ZTE APPROVAL  
NAME: SIGN  
DRAWN BY: CHECKED BY  
NAME: NAME:  
DATE: DATE  
25.09.2015

REVISIONS  
REV DESCRIPTION BY DATE  
0 Original D.de Wel 25.09.2015

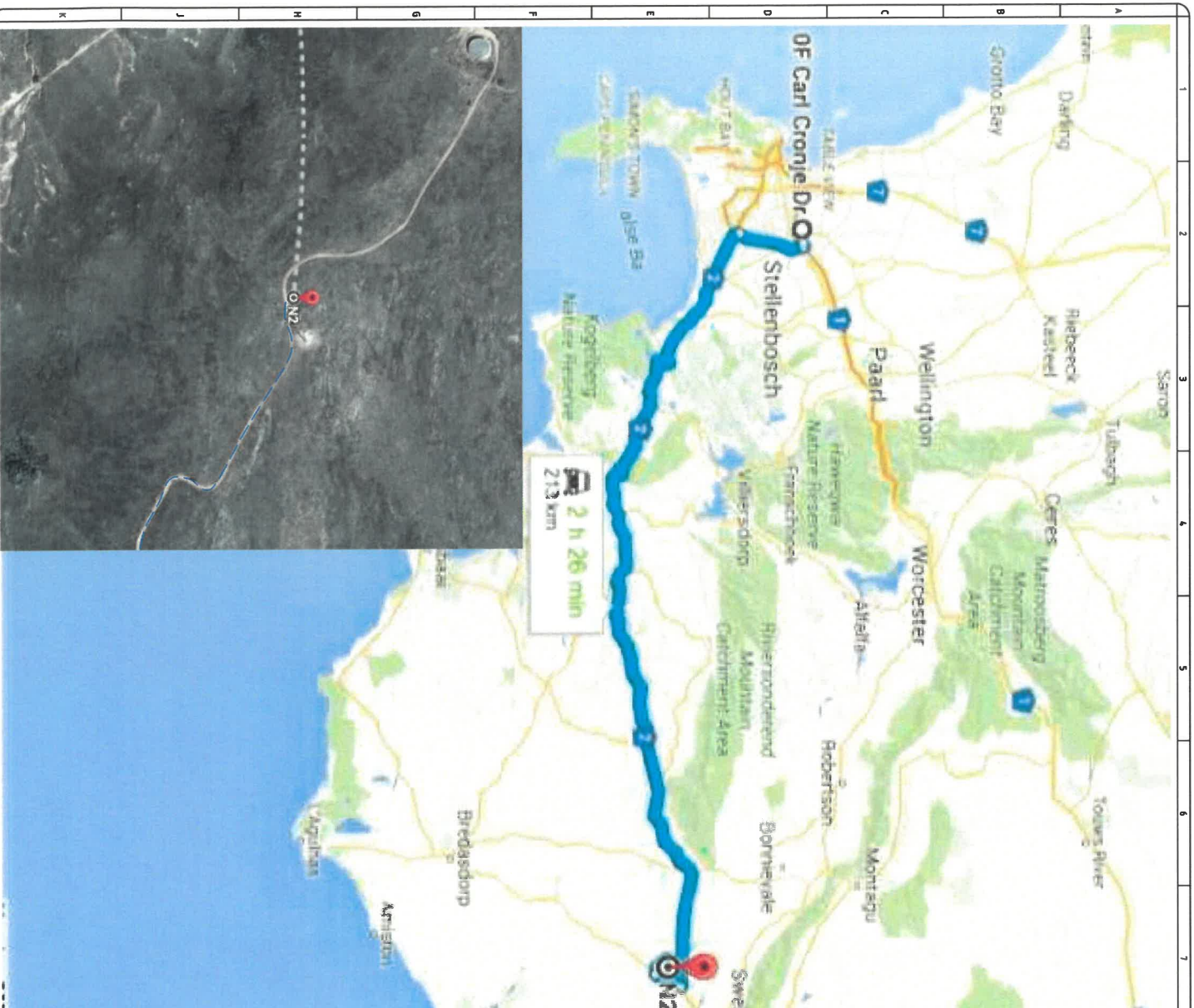
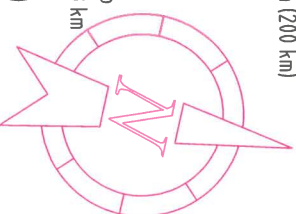
TITLE: Site Location 1

DRAWING No.: L1  
PROJECT SITE NO. SHEET REV  
MTN X100196 1-15 A

Site Location

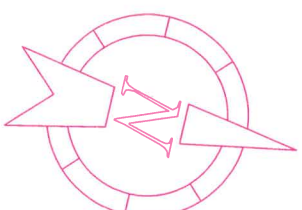
## DIRECTIONS TO SITE:

1. Wget on N1 in Bo Oakdale from Carl Cronje Dr/M121 and Mispel Rd 4, min (1.7 km)
2. Head north on Carl Cronje Dr/M121 toward Waterfront Rd 8 m
3. Make a U-Turn at Waterfront Rd 650 m
4. Turn left onto Mispel Rd 550 m
5. Turn right onto Durban Rd/R302 200 m
6. Turn left onto the N1 N ramp to Paarl 300 m
7. Follow N2 to R319 2 h 5 min (200 km)
8. Merge onto N1 2.6 km
9. Take exit 27 toward R300/ Mitchell's Plain 12 km
10. Continue onto Kulls River Rd/R300 14.1 km
11. Take exit 22 to merge onto N2 toward Somerset W 183 km
12. Continue on R319 to your destination 17 min (10.6 km)
13. Turn right onto R319 6.1 km
14. Turn right



## Notes:

1. If New Power Supply Required For The Site, the information of Power Source Location, Distance to Site, Route Type, etc, Must Be Shown On The Drawing.
2. If New Access Road required, The Width, Distance of The Access Road Must be indicated on the Drawing.



ZTE



SITE NAME: LUPPERSBERG

DISTANCES	
D to E +/-	90m

Notes:

1. If New Power Supply Required For The Site, the information of Power Source Location, Distance to Site, Route Type, etc, Must Be Shown On The Drawing.
2. If New Access Road required, The Width, Distance of The Access Road Must be Indicated on the Drawing.

- power run
- fibre run (to be brought to site)



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Image © 2015 CNES / Astrium

T-NUMBER: X100195					
LAND ID: N/A					
WBS NO: N/A					
PROJECT NO:					
LATITUDE		LONGITUDE			
34.13157 S		20.30522 E			
ASL		375m			
ADDRESS					
Lupersdorp Swartland Cape Town					
SURVEY DATE: 05.09.2015					
ENGINEER: N/A					
ECSA NO.: N/A					
SITE SURVEYOR: Marius Nortje					
MTN RADIO ENGINEER					
NAME:		SIGN			
MTN PLANNER		SIGN			
NAME:		SIGN			
ZTE APPROVAL		SIGN			
NAME:		SIGN			
DRAWN BY					
NAME:		CHECKED BY			
D. de Wet		NAME:			
DATE		DATE			
25.09.2015		DATE			
REVISIONS					
REV	DESCRIPTION	BY	DATE		
0	Original	D. de Wet	25.09.2015		
TITLE:					
Site Location 2					
DRAWING No.: L2					
PROJECT	SITE NO.	SHEET	REV		
MTN	X100195	2-15	A		

Site Location



Site ID: X100195

Site Name: LUIPERDSBERG

Tower Type: 30m Lattice Tower

SITE	
SITE ID	X100195
LATITUDE	34.13157 S
LONGITUDE	20.30522 E



ADDRESS DETAILS	
BUILDING NAME	N/A
STREET	N/A
SITE TYPE	Greenfield
CITY	Cape Town
DISTRICT	Goodwood
REGION	Western Cape

SITE ACCESS INFORMATION	
ACCESS RESTRICTION	N/A
24/7 ACCESS	Yes
PRIOR APPOINTMENT FOR ACCESS	No
CONTACT PERSON	Marietjie
PHONE NUMBER	076 966 0629
FAX NUMBER	N/A
EMAIL	N/A
TIMELINE FOR APPOINTMENT	Western Cape
ACCESS KEY REQUIRED?	N/A
LANDLORD KEY REQUIRED?	N/A
OTHER KEYS REQUIRED?	N/A
SPECIFIC SITE ACCESS	N/A
PARKING SPACE AVAILABLE	Yes
EQUIPMENT DELIVERY METHOD	Road

SITE ENVIRONMENT CHECK	
PROPERTY TYPE	Greenfield
INSTALLATION TYPE	Container



SITE NAME: LUIPERDSBERG			
T-NUMBER:	X100195		
LAND ID:	N/A		
WBS NO.:	N/A		
REQ NO.:			
PROJECT NO.:		LATITUDE	LONGITUDE
		34.13157 S	20.30522 E
ADDRESS		ASL	375m
		Luiperdsberg Swellendam Cape Town	
SURVEY DATE:	05.09.2015		
ENGINEER:	N/A		
ECOA NO.:	N/A		
SITE SURVEYOR:	Marius Norrie		
NAME:	SIGN		
MTN RADIO ENGINEER			
NAME:	SIGN		
MTN PLANNER			
NAME:	SIGN		
ZTE APPROVAL			
NAME:	SIGN		
DRAWN BY	CHECKED BY		
NAME:	NAME:		
D de Wet			
DATE	DATE		
25.09.2015			
REV	DESCRIPTION	BY	DATE
0	Original	D de Wet	25.09.2015
TITLE:			
Site Information			
DRAWING No.:	C1	SHEET	REV
PROJECT	SITE NO.	3-15	A
MTN	X100195		
Construction			



ZTE



SITE NAME: LUPPERSBERG

T-NUMBER: X100195

LAND ID: N/A

WBS NO: N/A

RFQ NO:

PROJECT NO:

LATITUDE 24.13157 S LONGITUDE 20.30522 E ASL 375m

ADDRESS Luppertsberg Swellendam Cape Town

SURVEY DATE: 05.08.2015

ENGINEER: N/A

ECOSA NO: N/A

SITE SURVEYOR: Marius Nortje

MTN RADIO ENGINEER

NAME: SIGN

NAME: MTN PLANNER SIGN

NAME: ZTE APPROVAL SIGN

NAME: SIGN

Commencement of work subject to above approval

DRAWN BY CHECKED BY

NAME: NAME:

D/ds Wsk DATE

DATE

25.09.2015

REVISIONS

REV DESCRIPTION BY DATE

0 Original D/de Wsk 25.09.2015

TITLE:

Site P Chlo

DRAWING No. : C2

PROJECT SITE NO. SHEET REV

MTN X100195 4-15 A

Construction

	1	2	3	4	5	6	7	8	9	10
A										
B										
C										
D										
E										
F										
G										
H										
I										
J										
K										
	0 degree	30 degree	60 degree	90 degree	120 degree	150 degree	180 degree	210 degree	240 degree	270 degree
	site position	corners and tower position	Area P photos	eisting damage						





# ZTE



SITE NAME: LUIPERDSBERG

T-NUMBER: X1001195  
LAND ID: N/A  
WBS NO: N/A

PROJECT NO:

LATITUDE: 34.13157 S  
LONGITUDE: 20.30522 E  
ASL: 375m

ADDRESS: Luiperdsberg  
Swiilandam  
Cape Town

SURVEY DATE: 05.09.2015  
ENGINEER: N/A  
ECSSA NO.: N/A

SITE SURVEYOR: Marais Nortje

MTN RADIO ENGINEER

NAME: SIGN

NAME: MTN PLANNER

NAME: SIGN

NAME: ZTE APPROVAL

NAME: SIGN

Commencement of work subject to above approval

DRAWN BY: CHECKED BY:

NAME: NAME:

D.de Vlei

DATE: DATE:

25.09.2015

REVISIONS

REV: DESCRIPTION BY DATE

0 Original D.de Vlei 25.09.2015

TITLE: Top View

DRAWING No.: C3

PROJECT SITE NO. SHEET REV

MTN X1001195 5-15 A

Construction

## RF ANTENNAS DATA

	Sector 1	Sector 2	Sector 3
CELL	N/A	N/A	N/A
Antenna config	900,1800,2100	900,1800,2100	900,1800,2100
ANT type	CVV66CSX-M	CVV66CSX-M	CVV66CSX-M
Azimuth	60°	180°	300°
Height (AGL)	27.5m (B.O.A)	27.5m (B.O.A)	27.5m (B.O.A)
Electrical Tilt	2.2.2	2.2.2	2.2.2
Mechanical Tilt	0	0	0
Feeder	7/8"	7/8"	7/8"
Feeder LG	2x25m	2x25m	2x25m

MW RF DATA 1	
Site Name A	LUIPERDSBERG
Site ID A	X1001195
Proposed AGL	10m
Azimuth A-B	320°
MW Size	1m
Proposed Frequency(GHz)	-
Length(km)	TBC

MW RF DATA 2	
Site Name A	LUIPERDSBERG
Site ID A	X1001195
Proposed AGL	10m
Azimuth A-B	48°
MW Size	1m
Proposed Frequency(GHz)	-
Length(km)	TBC

MW RF DATA 3	
Site Name A	LUIPERDSBERG
Site ID A	X1001195
Proposed AGL	15m
Azimuth A-B	126°
MW Size	1m
Proposed Frequency(GHz)	-
Length(km)	TBC

MW RF DATA 4	
Site Name A	LUIPERDSBERG
Site ID A	X1001195
Proposed AGL	10m
Azimuth A-B	271°
MW Size	1.2m
Proposed Frequency(GHz)	-
Length(km)	TBC

MW RF DATA 5	
Site Name A	LUIPERDSBERG
Site ID A	X1001195
Proposed AGL	10m
Azimuth A-B	204°
MW Size	0.6m
Proposed Frequency(GHz)	-
Length(km)	TBC

MW RF DATA 6	
Site Name A	LUIPERDSBERG
Site ID A	X1001195
Proposed AGL	10m
Azimuth A-B	76°
MW Size	1.2m
Proposed Frequency(GHz)	-
Length(km)	TBC

MW ANT.1  
AT 10m 320°

MW ANT.2  
AT 10m 48°

MW ANT.3  
AT 15m 126°

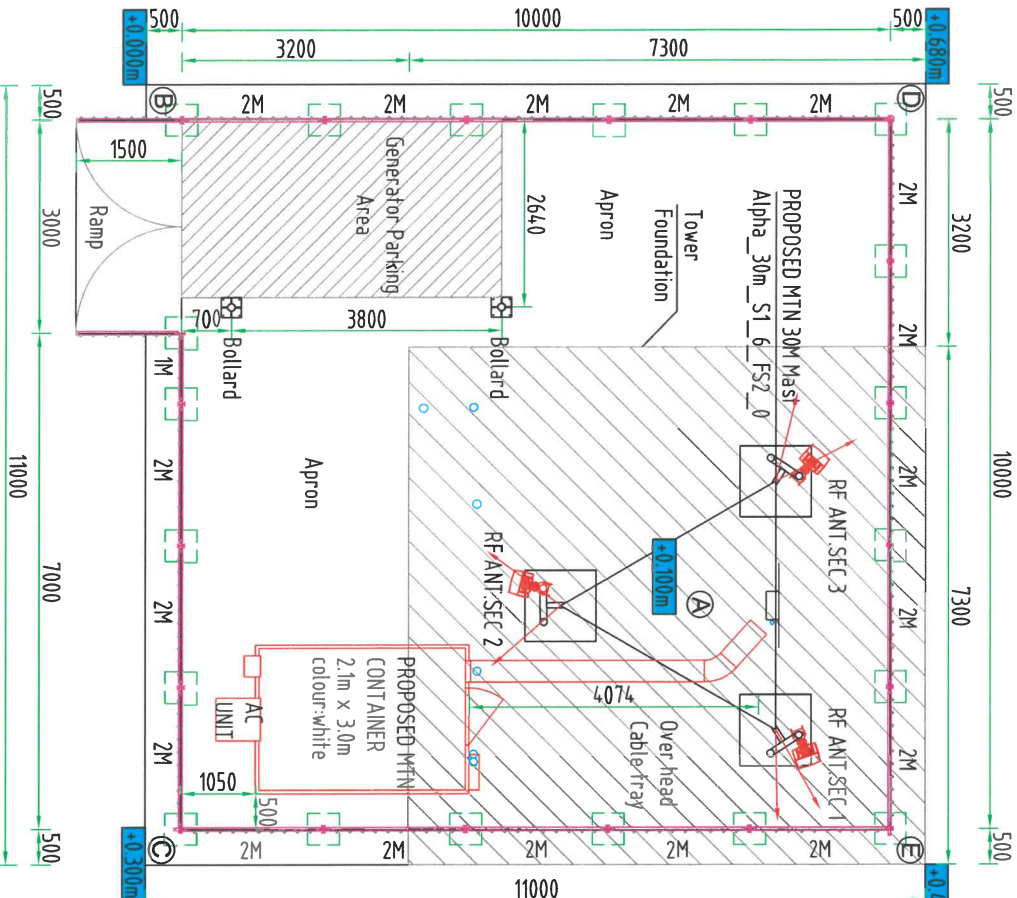
MW ANT.4  
AT 10m 271°

MW ANT.5  
AT 10m 204°

MW ANT.6  
AT 10m 76°

RF ANT. SEC 1  
AT +27.5m 300°

RF ANT. SEC 2  
AT 27.5m 180°



## Position Site Level Heights

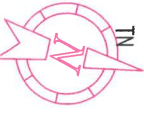
A	0.100m
B	0.030m
C	0.170m
D	0.000m
E	0.030m

NOTE:

1) ALL DIMENSIONS IN mm

2) Total Square meterage (m<sup>2</sup>) of the site is 100.00 m<sup>2</sup>

Apron areas is 46.71m<sup>2</sup>, Tower plinth areas is 53.29m<sup>2</sup>





ZTE



SITE NAME: LUPEROSBERG

T-NUMBER: X100195  
LAND ID: N/A  
WBS NO: N/A

RFQ NO:

PROJECT NO:  
LATITUDE: 34.13167 S  
LONGITUDE: 20.30522 E  
ASL: 375m

ADDRESS  
Luperdaberg  
Swakrand  
Cape Town

SURVEY DATE: 05.09.2015

ENGINEER: N/A

ECSSA NO.: N/A

SITE SURVEYOR: Marius Norrie

NAME: MTN RADIO ENGINEER  
SIGN  
NAME: MTN PLANNER  
SIGN  
NAME: ZTE APPROVAL  
SIGN

DRAWN BY: CHECKED BY:

NAME: NAME:

D.de Wet DATE:

DATE: DATE:

REVISIONS

REV DESCRIPTION BY DATE

0 Original D.de Wet 25.09.2015

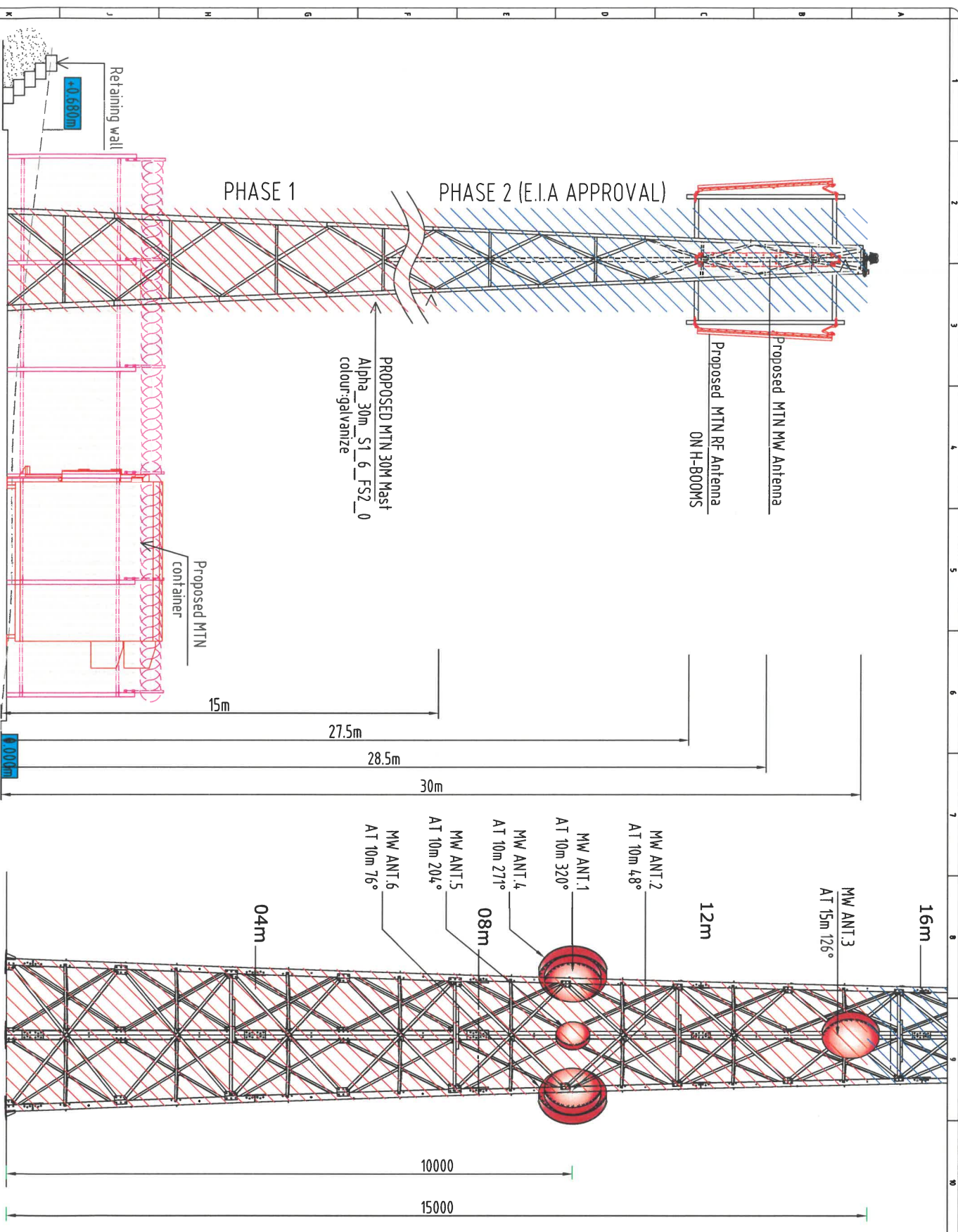
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DRAWING No.: C4

PROJECT SITE NO. SHEET REV

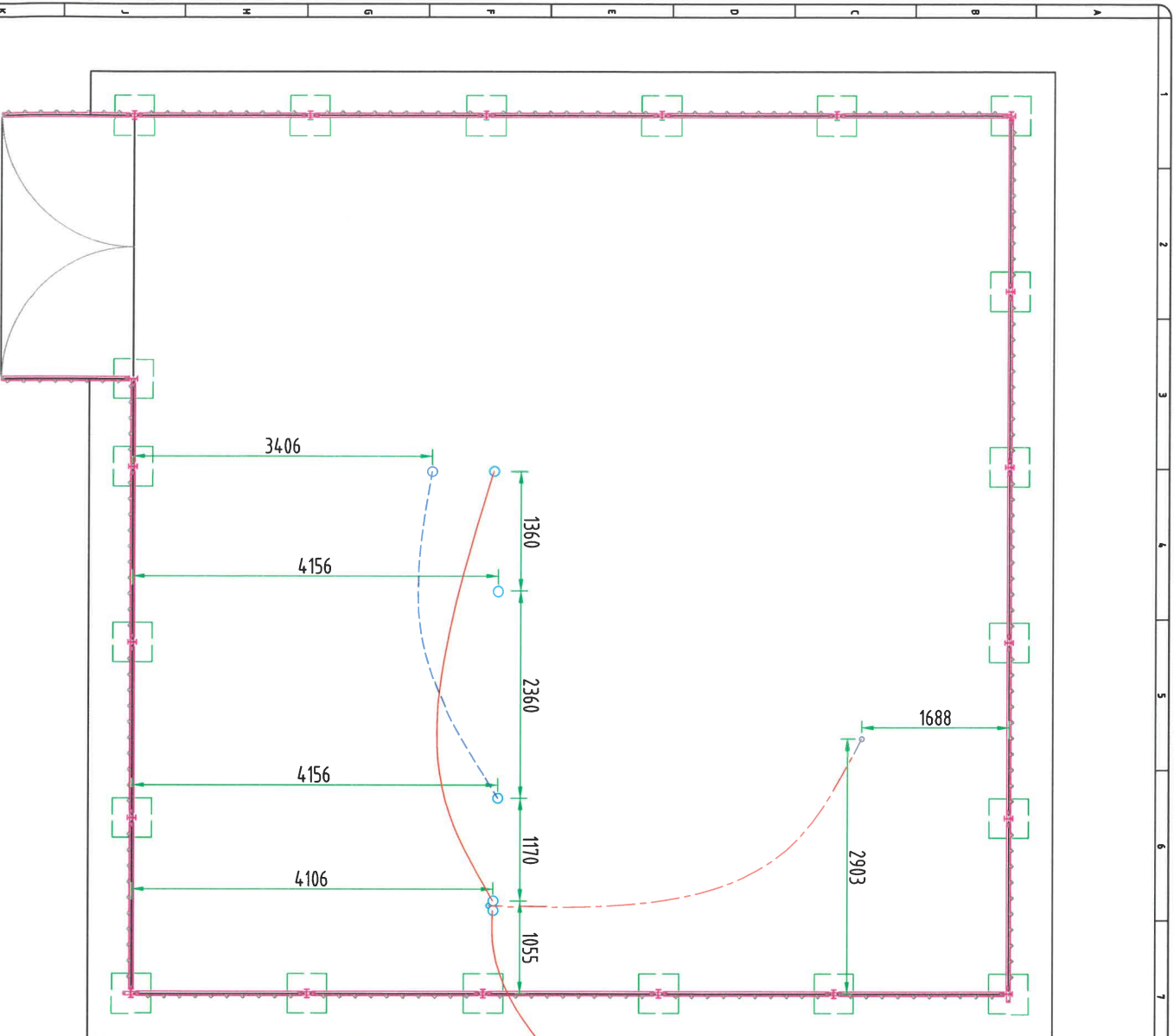
MTN X100195 6-15 A

Construction



SIDE VIEW

TOWER AND MW VIEW



- 110 PVC pipe for power
- - - 50 PVC pipe for power
- - - 110 PVC pipe for fibre

#### NOTE:

1. These pipes shall be cast to a minimum depth of 750mm.
2. The pipes shall be cut 30mm (100mm in areas prone to 3. Each of the installed pipes shall be fitted with a single length draw wire to facilitate installation of cables. There shall be no joints in the draw wires.



SITE NAME: LUPEROSBERG

I-NUMBER: X100195  
LAND ID: N/A  
WBS NO: N/A

REQ. NO: PROJECT NO:

LATITUDE: 34.13167 S  
LONGITUDE: 20.30522 E  
ASL: 375m

ADDRESS: Luperosberg  
Swakopmund  
Caprivi Town

SURVEY DATE: 05.09.2015

ENGINEER: N/A

ECSSA NO.: N/A

SITE SURVEYOR: Marius Ntjhe

NAME: MTN RADIO ENGINEER

NAME: MTN PLANNER

NAME: ZTE APPROVAL

NAME: SIGN

DRAWN BY: CHECKED BY:

NAME: D.de Vlei

DATE: 25.09.2015

REVISIONS

REV DESCRIPTION BY DATE

0 Original D.de Vlei 25.09.2015

TITLE: Sleeve Detail

DRAWING No.: C5

PROJECT SITE NO. SHEET REV

MTN X100195 7-15 A

Construction

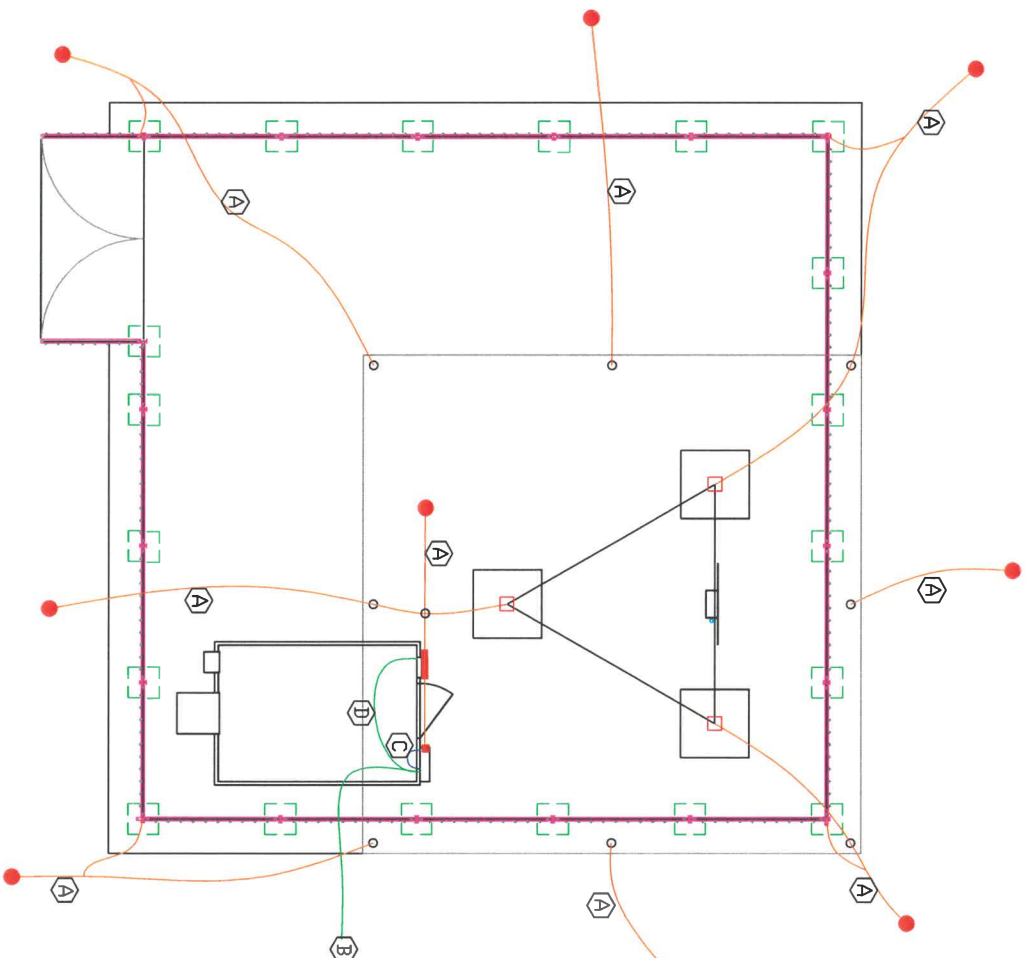


# LEGEND :

- Ground Rods 1200mm x 16mm
- Exothermic Weld Connection to the rebar or copper ribbon
- 300mm tail exiting the top of the foundation ,exothermic welded to 25X3mm copper ribbon
- Clamped Connection to the bolt cluster
- 25 x 3mm copper ribbon
- 16mm<sup>2</sup> insulated stranded copper cable(Yellow & Green)
- 35mm<sup>2</sup> insulated stranded copper cable(Yellow & Green)
- 70mm<sup>2</sup> insulated stranded copper cable(Yellow & Green)
- Ⓐ Lightning ground
- Ⓐ 25 x 3mm copper ribbon
- Ⓑ AC Power Earth From Supply Point To ACDB
- Ⓑ 16mm<sup>2</sup> insulated stranded copper cable(Yellow & Green)
- Ⓒ From ACDB to the tail of lightning ground
- Ⓒ 70mm<sup>2</sup> insulated stranded copper cable(Yellow & Green)
- Ⓓ From the equipment housing earth point to ACDB
- Ⓓ 16mm<sup>2</sup> insulated stranded copper cable(Yellow & Green)

## NOTES :

1. All connections between 25 x 3mm copper ribbon will be secured by means of exothermic weld.
2. All connections between the 25 x 3mm copper ribbon and the 1200mm x 16mm diameter copper rods will be secured by means of exothermic weld.
3. All copper tape connections to the holding down bolt clusters must be tinned and secured by means of 2 U-bolts with backing plates spaced 50mm apart. The copper ribbon must be tinned prior to clamping
4. All copper tape connections to the rebar of the mast foundation will be exothermic welded.
5. All bolted connections will be secured with brass bolts, brass nuts and washers. Serrated stainless steel washers will be used on all bolts.
6. Should dissimilar metals be bolted together and neither of the surfaces (because of the type of metal) can be tinned prior to connection, then a flat brass washer shall be placed between the two surfaces prior to them being bolted together
7. All connections (Clamped or welded) will be sealed with Petrolatum tape.
8. The copper ribbon below the shutter line, not be less than 300mm
9. A lug must be placed on the end of the cable
10. The shortest length of any radial will be 2.4m
11. All copper ribbon ends tinned prior to being connected to each bolt
12. The earth resistance shall not exceed 10 Ω.
13. The tails exiting the top of the foundation must protrude a minimum 300mm above the mast foundation or ground cover.



# ZTE



SITE NAME: LUPERDSBERG

T-NUMBER: X100195  
LAND ID: N/A  
WBS NO: N/A

PROJECT NO:  
LATITUDE: 34.13167 S  
LONGITUDE: 20.30522 E  
ASL: 375m  
ADDRESS: Luperdsberg  
Swartland  
Cape Town

SURVEY DATE: 05.09.2015  
ENGINEER: N/A  
ECSA NO.: N/A

SITE SURVEYOR: Marius Nortje

NAME: MTN RADIO ENGINEER

NAME: MTN PLANNER

NAME: ZTE APPROVAL

NAME: SIGN  
DRAWN BY: CHECKED BY: NAME: DATE: 25.09.2015

NAME: Dde Wit

DATE: 25.09.2015

REVISIONS

REV: 0  
DESCRIPTION: Original  
BY: Dde Wit  
DATE: 25.09.2015

TITLE: Earlt Layout

DRAWING No.: CD

PROJECT: X100195  
SHEET: -15  
REV: A

CONSTRUCTION





# ZTE



SITE NAME: LUPERSBERG

FIGURE: X100195  
LAND ID: N/A  
WBS NO: N/A

PROJECT NO:  
PROJECT NO:  
LATITUDE: 34.13157 S  
LONGITUDE: 20.30522 E  
ASL: 375m  
ADDRESS: Lupersberg  
Swartkops  
Cape Town

SURVEY DATE: 05.09.2015  
ENGINEER: N/A  
ECSSA NO.: N/A

SITE SURVEYOR: Marius Nortje

NAME: MTN RADIO ENGINEER  
SIGN  
NAME: MTN PLANNER  
SIGN  
NAME: ZTE APPROVAL  
SIGN  
NAME:   
SIGN

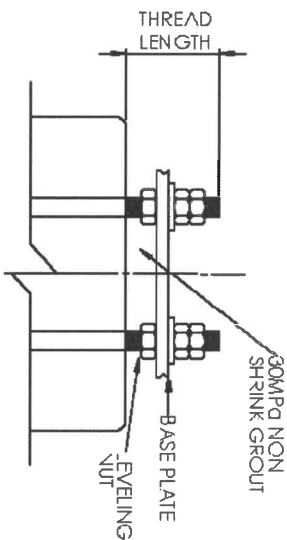
DRAWN BY:   
NAME:   
DATE: 25.09.2015  
CHECKED BY:   
NAME:   
DATE:   
REVISIONS

REV: 0  
DESCRIPTION: Original  
BY: D de Wet  
DATE: 25.09.2015

TITLE: Tower Foundation 1  
DRAWING NO.: C7  
PROJECT: SITE NO. X100195  
SHEET: 9 - 15  
REV: A

Construction

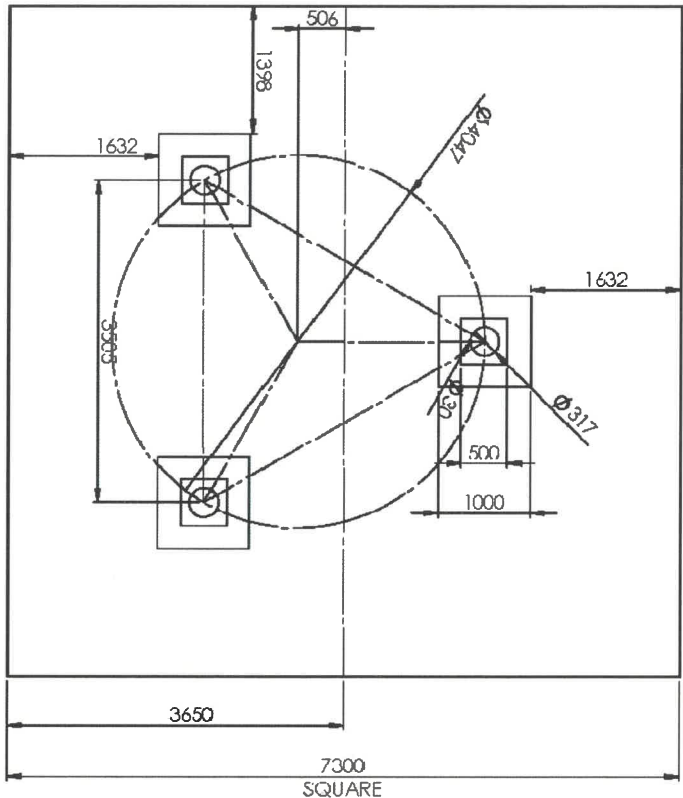
Soil Bearing		50 kPa
Pressure		
Blinding volume	2.7 m <sup>3</sup>	
Excavation volume	18.7 m <sup>3</sup>	
Concrete volume	22.7 m <sup>3</sup>	
Rebar mass	1395 kg	
Moment	1183.9 kN-m	
Shear leg	39.4 kN	
Shear total	63.0 kN	
Tower weight	22.4 kN	
Unfactored		



TYPICAL HOLD DOWN BOLT ELEVATION

NO. OF BOLTS	317 mm
Number of HD bolts	4
Foundation Template	CT Alpha, 30m, 60mm

NOTE\*  
DIMENSIONS TO BE SET OUT USING  
TEMPLATE PROVIDED ON SITE



- NOTES
1. CONCRETE COVER TO REINFORCEING = 50mm
  2. ALL BARS BENT TO 3ASB 82.
  3. ALL CONCRETE EDGES TO HAVE 20 mm X 45 CHAMFER OF 25 MPa AT 28 DAYS
  4. CONCRETE TO ATTAIN A MINIMUM CUBE CRUSHING STRENGTH OF 25 MPa AT 28 DAYS
  5. ALL GROUTING TO BE 30MPa NON-SHRINK GROUT, ALL GROUTING WORK TO BE CARRIED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS

DATE	BY	DESCRIPTION OF CHANGE	REV.
29/01/2015	UJMN	DRAWN	1
		CHECKED	
		APPROVED	
		SCALE	
		SHEET	
		1 OF 2	
		DWG SIZE	
		A3	
		Alpha_30m_sl_6_F82_FD1	3

MEGATRON  
TOWERS

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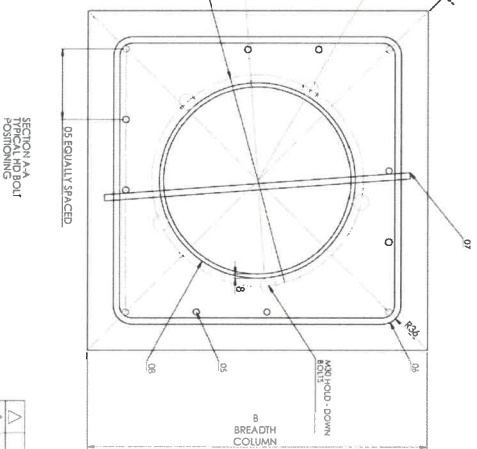


MTN RADIO ENGINEER	
NAME:	SIGN
MTN PLANNER	
NAME:	SIGN
ZTE APPROVAL	
NAME:	SIGN
Commencement of work subject to above approval	

Tower Foundation 2			
DRAWING No. : <input type="checkbox"/>			
PROJECT	SITE NO.	SHEET	REV
MTN	X100195	10-15	A

Construction

<p>38</p>	<p>39</p>
<p>40</p>	<p>41</p>



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<p><b>MEGATRON</b> <b>TOWERS</b></p>	<p>DATE: JUNE, 2015</p> <p>DESIGNED BY: J. M. S.</p> <p>CHECKED BY: J. M. S.</p> <p>APPROVED BY: J. M. S.</p> <p>SCALE: 1/4" = 1'-0"</p> <p>SHEET: 2 OF 2</p>
<p>TOWER Alpha_30m_s1_6.F32.0</p>	<p>DRAWING TITLE FOUNDATION REBAR SCHEDULE</p>
<p>DRAWING NO. Alpha_30m_s1_6.F32.0.D1</p>	<p>REV. 3</p>

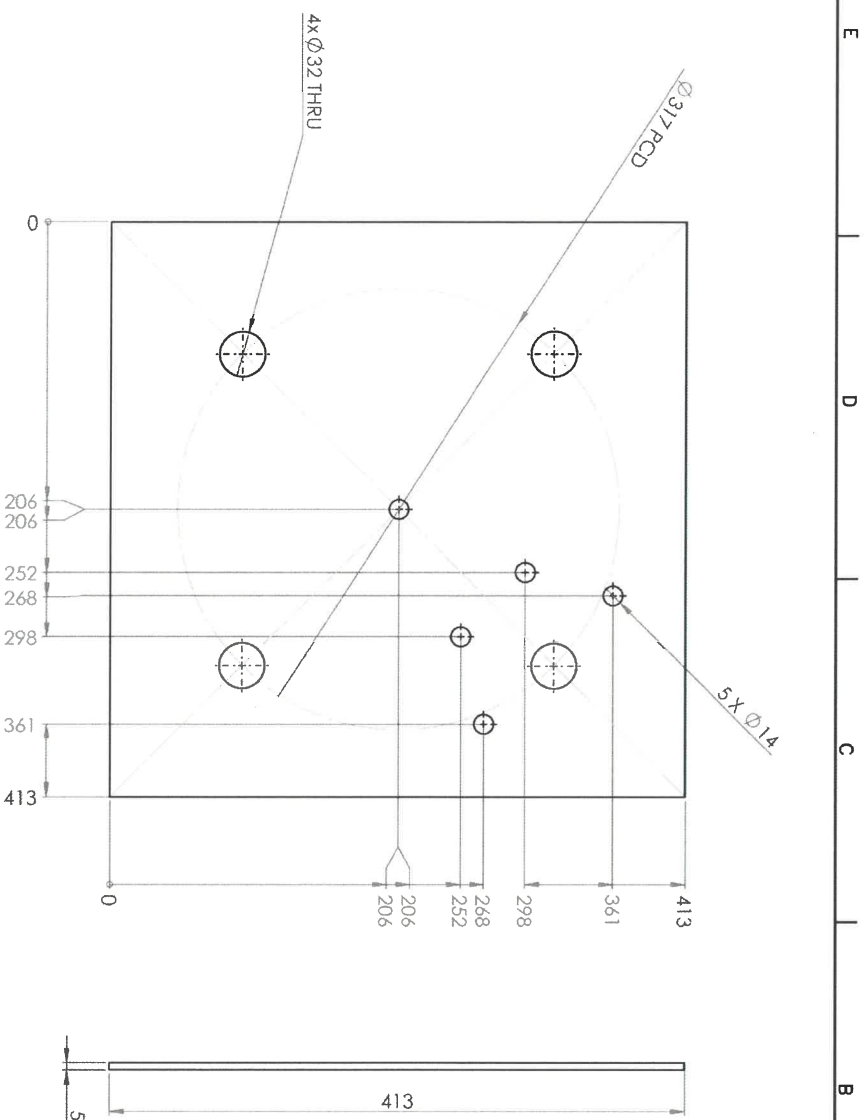
SITE SURVEYOR: Marius Northe

NAME:	SIGN
ZTE APPROVAL	

DRAWN BY	CHECKED BY
NAME:	NAME:

REV	DESCRIPTION	BY	DATE
0	Original	D.de Wet	25.09.2011

<b>title:</b>
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Construction[illegible]

<b>TITLE:</b> <div style="text-align: center;">Tower Foundation</div>				
<b>DRAWING No.:</b> C9				
<b>PROJECT</b>	<b>SITE NO.</b>	<b>SHEET</b>	<b>REV</b>	
MTN	X100195	11-15	A	
Construction				





# ZTE



SITE NAME: LUPPERSBERG

T-NUMBER: X100195  
LAND ID: N/A  
WBS NO: N/A

REQ. NO:

PROJECT NO:

LATITUDE: 24.13167 S  
LONGITUDE: 20.30622 E  
ASL: 375m

ADDRESS: Luppertsberg  
Swartland  
Cape Town

SURVEY DATE: 05.09.2015

ENGINEER: N/A

ECOA NO: N/A

SITE SURVEYOR: Marius Nortje

MTN RADIO ENGINEER

NAME: SIGN

MTN PLANNER

NAME: SIGN

ZTE APPROVAL

NAME: SIGN

DRAWN BY: CHECKED BY

NAME: NAME:

D.de Wit

DATE: DATE

25.09.2015

REVISIONS

REV DESCRIPTION BY DATE

0 Original D.de Wit 25.09.2015

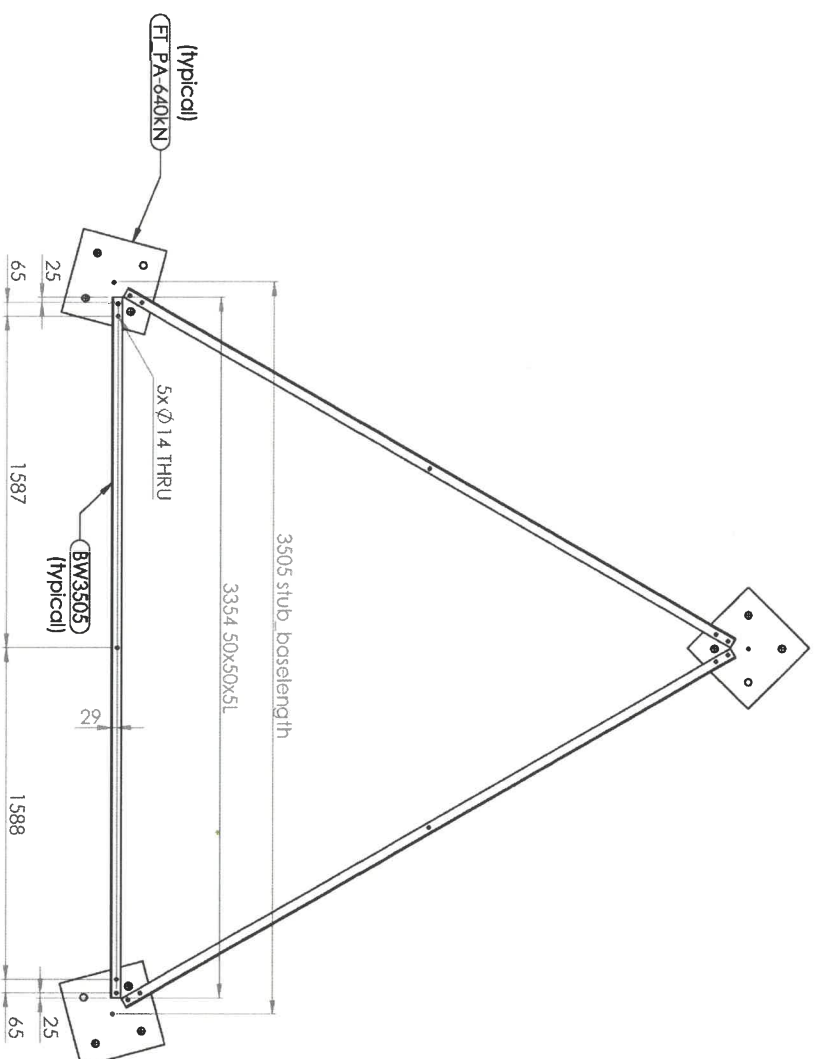
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DRAWING No.: C10

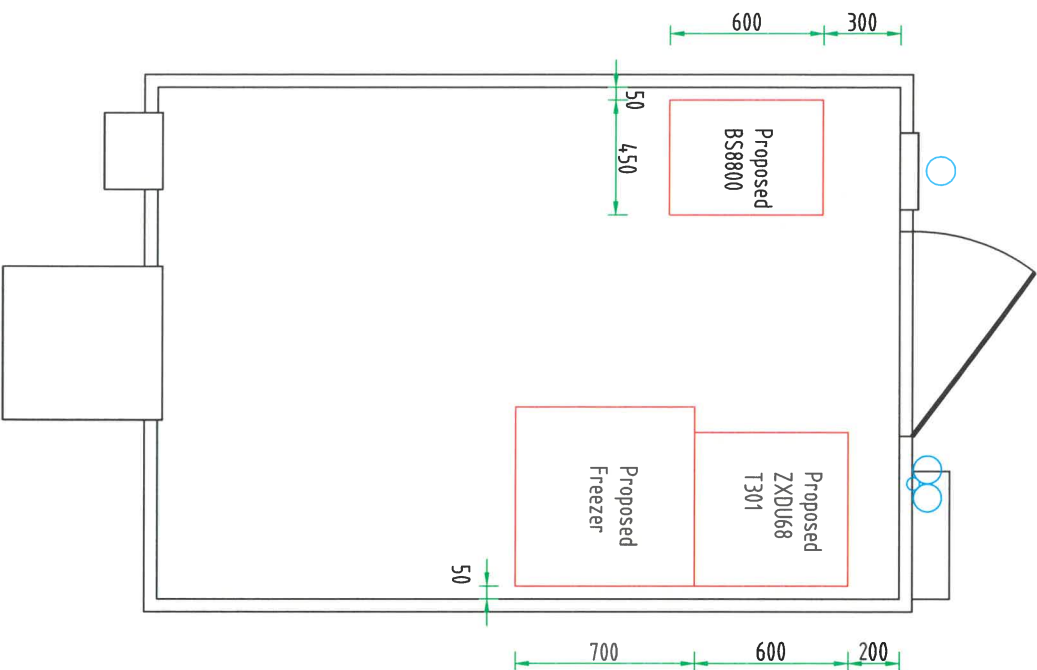
PROJECT SITE NO. SHEET REV

MTN X100195 12-15 A

Construction



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Δ		CHECKED	—	—	DRAWING TITLE	Template_angle
Δ		APPROVED	—	—	DETAILS	
Δ		SCALE	N.T.S.	SHEET 1 OF 1	DWG SIZE	DRAWING NO.
Δ		DATE			A3	FT_angle-30m_FS2
Δ		DESCRIPTION OF CHANGE				REV. 0



Equipment List				
No.	Item	Dimension (W*D*H)	Quantity	Remark
1	BS8800(Main)	600*450*950mm	1	
2	BS8800(Std)	600*450*700mm	1	
3	ZXDU68 T301	600*600*1850mm	1	
4	Freezer	700*710*2000mm	1	

NOTE:  
1) ALL DIMENSIONS IN mm



ZTE



SITE NAME: LUPEROSBERG

T-NUMBER: X100195  
LAND ID: N/A  
WBS NO: N/A

PROJECT NO:  
PROJECT NO:

LATITUDE: 34.13157 S  
LONGITUDE: 20.30522 E  
ASL: 375m

ADDRESS: Luperdorp  
Swindan  
Cape Town

SURVEY DATE: 05.09.2015  
ENGINEER: N/A  
ECSSA NO.: N/A

SITE SURVEYOR: Marius Nortje

MTN RADIO ENGINEER  
NAME: SIGN

MTN PLANNER  
NAME: SIGN

ZTE APPROVAL  
NAME: SIGN

DRAWN BY: CHECKED BY  
NAME: NAME:

Dde Wei  
DATE: DATE

25.09.2015

REVISIONS  
REV DESCRIPTION BY DATE

0 Original Dde Wei 25.09.2015

TITLE: Equipment layout

DRAWING No.: C11  
PROJECT SITE NO. SHEET REV  
MTN X100195 13-15 A

Construction



# ZTE



SITE NAME: LUPPERDSBERG

T-NUMBER: X100195  
LAND ID: N/A  
WBS NO: N/A

REQ NO:  
PROJECT NO:  
LATITUDE: 34.13157 S  
LONGITUDE: 20.30522 E  
ASL: 375m

ADDRESS: Lupperdsberg  
Swellendam  
Cape Town  
SURVEY DATE: 05.09.2015  
ENGINEER: N/A  
ECSA NO.: N/A

SITE SURVEYOR: Marius Nortje

MTN RADIO ENGINEER  
NAME: SIGN  
MTN PLANNER  
NAME: SIGN  
ZTE APPROVAL  
NAME: SIGN

DRAWN BY: CHECKED BY: NAME: DATE: 25.09.2015

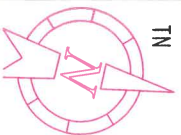
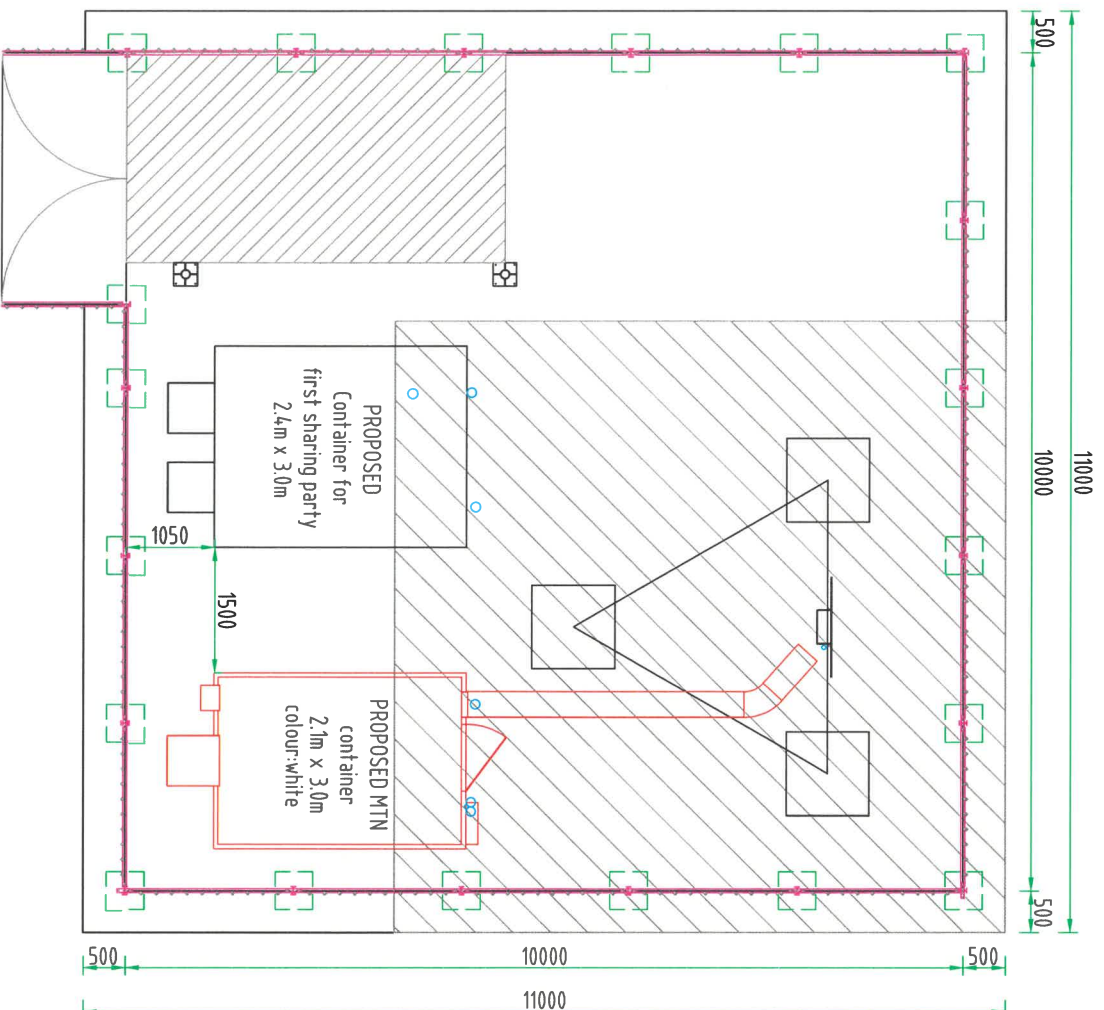
REVISIONS  
REV: DESCRIPTION: BY: DATE: 0 Original D de Wei 25.09.2015

TITLE: TOP View

DRAWING NO.: P1  
PROJECT: SITE NO: X100195  
SHEET: 14-15  
REV: A

Preview

NOTE:  
THIS DRAWING REPRESENTS THE GENERAL LAYOUT OF THE ANTENNA FACILITY. SOME MODIFICATIONS MAY BE NECESSARY TO SUIT THE LESSEE'S ENGINEERING SPECIFICATIONS, SYSTEM DESIGN, OPERATIONS, AND GOVERNMENT APPROVALS. ALL NECESSARY MODIFICATIONS WILL BECOME PART OF THE PERMITTED USE AS DETAILED IN THE TERMS AND CONDITIONS OF THIS AGREEMENT AND MAY INCLUDE:  
1. REPOSITIONING OF ANTENNAS;  
2. REPOSITIONING THE EQUIPMENT CONTAINER;  
3. REPOSITIONING OF CABLES AND/OR CABLE SUPPORTS.  
NOTE:  
1. THE CONTRACTOR IS TO VERIFY ON THE SITE ALL QUANTITIES SHOWN ON THE SET OF DRAWINGS PRIOR TO ORDERING ANY MATERIAL.  
2. QUANTITIES SHOWN ON THIS SET OF DRAWINGS ARE NOT COMPLETE AND ARE SHOWN TO ASSIST THE CONTRACTOR. IT REMAINS THE CONTRACTOR'S RESPONSIBILITY TO QUANTIFY HIMSELF WITH THE SCOPE OF WORKS AND THE MATERIALS REQUIRED TO COMPLETE THE WORKS AS SHOWN.  
3. THE ENGINEER IS TO ENSURE THAT THERE IS SUFFICIENT POWER AVAILABLE AT THE SOURCE OF POWER.  
4. SHOULD THE CONTRACTOR ENCOUNTER ANY SITUATION WHERE THE SITE CONDITIONS DIFFER FROM THE DESIGN CRITERIA, HE MUST NOTIFY THE ENGINEER IN WRITING IMMEDIATELY IN ORDER THAT THE DESIGN IS REVISED.  
5. ANY DAMAGED GALVANIZING MUST BE TOUCHED UP TO CLIENT SPECIFICATION AFTER INSTALLATION.  
6. ALL WORK TO COMPLY WITH SABS 1200.



NOTE:

1) ALL DIMENSIONS IN mm  
2) Total Square meterage (m<sup>2</sup>) of the site is 100.00 m<sup>2</sup>  
Apron areas is 46.71m<sup>2</sup>, Tower plinth areas is 53.29m<sup>2</sup>

ALL WORK PERFORMED ACCORDING TO MTN BTS Specification MTN SA TI\_01\_1001 Issue 10 Rev 1 September 2014. ALL VARIATIONS ON DRAWINGS FROM MTN SPECIFICATION VERIFIED WITH MTN PRIOR TO CONSTRUCTION





ZTE



SITE NAME: LUPERDSBERG

T-NUMBER: X100195  
LAND ID: N/A  
WBS NO: N/A

RFQ NO:

PROJECT NO:

LATITUDE 24.13157 S  
LONGITUDE 20.30522 E  
ASL 375m

ADDRESS Luperdsberg  
Swartkops  
Cape Town

SURVEY DATE: 05.09.2015  
ENGINEER: N/A  
ECSSA NO.: N/A

SITE SURVEYOR: Marius Nortje

MTN RADIO ENGINEER  
NAME: SIGN  
NAME: MTN PLANNER  
NAME: SIGN  
NAME: ZTE APPROVAL  
NAME: SIGN

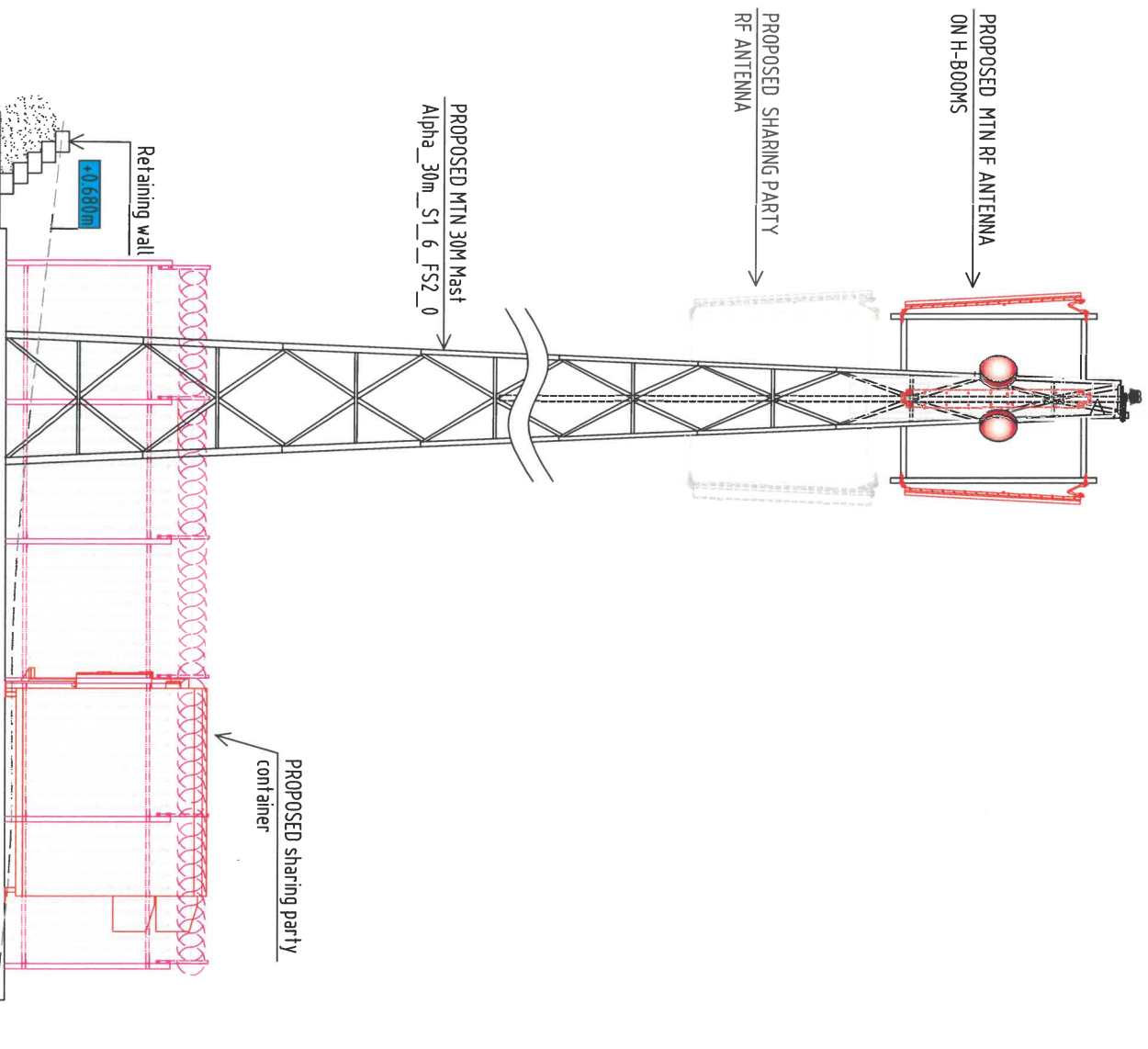
DRAWN BY: CHECKED BY  
NAME: NAME:  
D.de Wet  
DATE: DATE:  
25.09.2015

REVISIONS  
REV DESCRIPTION BY DATE  
0 Original D.de Wet 25.09.2015

TITLE:  
Front ☐ Side View

DRAWING NO.: P2  
PROJECT SITE NO. SHEET REV  
MTN X100195 15-15 A

Preview



SIDE VIEW

# Appendix 3

---

*Biodiversity Overlay Map*



# Biodiversity Overlay Map

## Legend

### SA Protected Areas

- Forest Nature Reserve
- Forest Wilderness Area
- Marine Protected Area
- Mountain Catchment Area
- National Park
- Nature Reserve
- Protected Environment
- Special Nature Reserve
- World Heritage Site

### SA Conservation Areas

- Biosphere Reserve
- Botanical Garden
- Ramsar Site

### BSP ESA: Restore

- ESA2: Restore from plantation or high density IAP
- ESA2: Restore from other land use
- ESA2: Restore where appropriate (CT)

### BSP ESA

- ESA: Aquatic
- ESA: Terrestrial
- BSP CBA: Degraded

- CBA2: Aquatic
- CBA2: Terrestrial

Scale: 1:4 514

Date created: August 2, 2019

Compiled with CapeFarmMapper



# Appendix 4

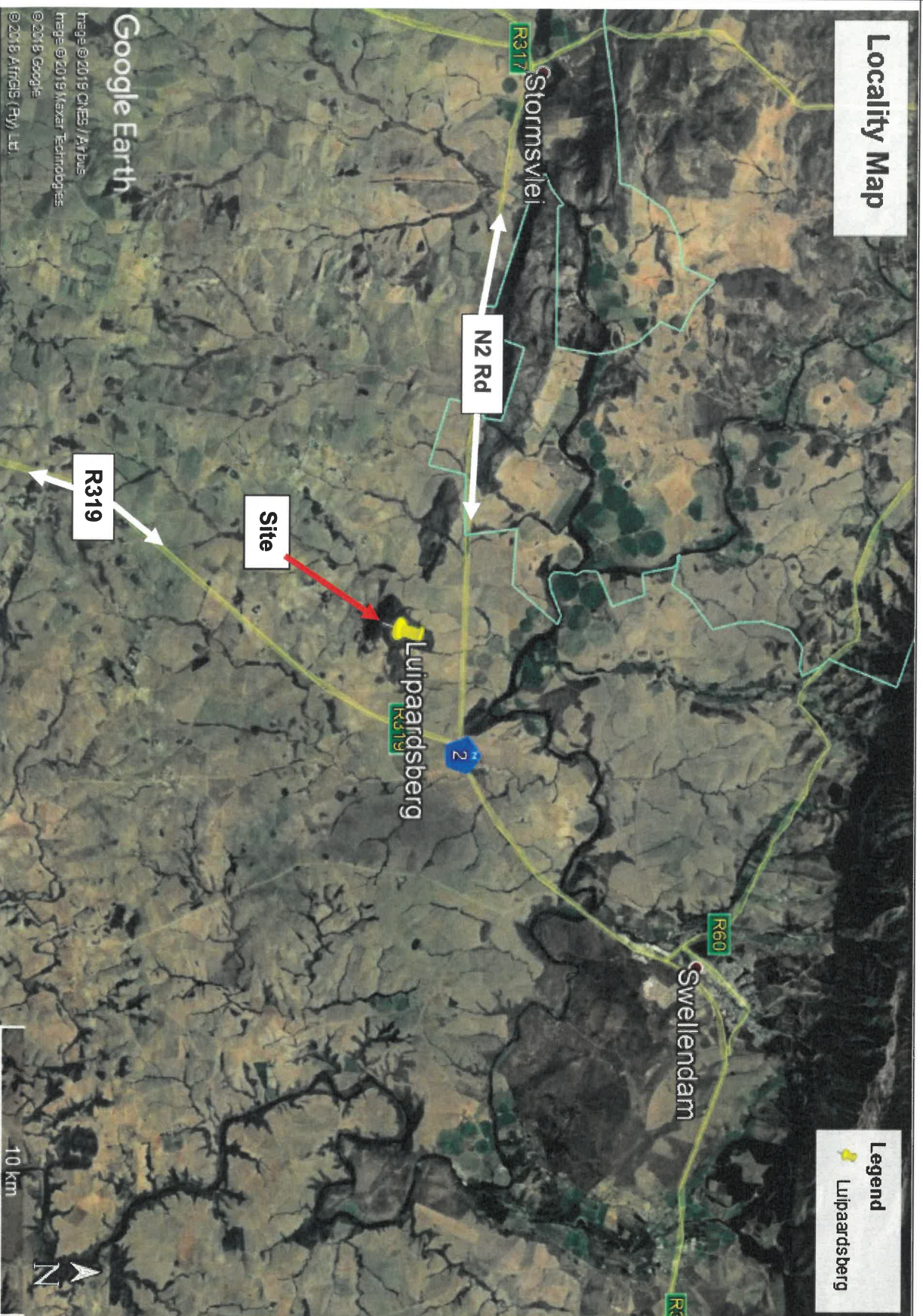
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*Site Co-ordinates*



**THE PROPOSED DEVELOPMENT OF A 30M HIGH TELECOMMUNICATION MAST ON REMAINDER OF FARM NO. 365, LUIPAARDSBERG, SWELLENDAM, WESTERN CAPE**

## Locality Map



## SITE CO-ORDINATES

**34°7'53.16"S  
20°18'20.51"E**



## PROPOSED SITE

**ENVIRO AFRICA REF:**

0167

AUGUST 2019

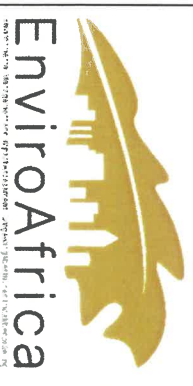


Image © 2019 CNES / Airbus  
Image © 2019 Maxar Technologies  
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# Appendix 5

---

*Project Plan*

**Project Schedule for Basic Assessment - Proposed development of a 30m high telecommunication mast and base station on Remainder of Farm No. 365, Luipaardsberg, Swellendam**

[illegible]



# Appendix 6

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*Power of Attorney (POA) and Trust Resolution*

# POWER OF ATTORNEY

I, the undersigned,

Ryker Hadd

(I.D. no.: .....461029 0126 087.....)

dually authorised by

Johann David Beyers Testamentary Trust  
(reg. no.: 10942/2003)

the registered owner of:

The Remainder of the Farm Luipaardsberg 365 Swellendam RD

hereby nominate, constitute and appoint the firm:

WARREN PETERSON TRADING  
(reg. no.: 2010/010982/23)

t/a

WARREN PETERSON PLANNING (WPP)

with power of substitution to be my/our lawful Agent(s) to appear on my/our behalf in name place and stead and to apply to the competent and relevant authorities for the necessary approvals, permits and consents and generally for effecting the purposes aforesaid, to do or cause to be done whatsoever shall be requisite, as fully and effectually, for all interest and purposes, as I might or could do if personally present and acting herein, hereby ratifying, allowing and confirming and promising and agreeing to ratify, allow and confirm all and whatsoever my/our said Agent(s) shall lawfully do, or cause to be done, by virtue of these present.

Signed at Swellendam on this 17 day of

May 2017

Ryker Hadd  
SIGNATURE

[Signature]  
WITNESS 1

[Signature]  
WITNESS 2

# R E S O L U T I O N

Extract of minutes of a meeting held by the trustees of

Johann David Beyers Testamentary Trust

(Registration Number.: 10942/2003),

the registered owners of:

The Remainder of the Farm Luipaardsberg 365 Swellendam RD

at Swellendam this 17 day of May, 2017, in the presence of the undersigned witnesses.

## RESOLUTION

That Rufus Hodd (I.D.: 461029 0126 087), is hereby authorised to sign a Special Power of Attorney representing the trust and that the terms and conditions set out therein be left to his/her sole judgement.

## FURTHER RESOLUTION

That Rufus Hodd (I.D.: 461029 0126 087), is hereby authorized to sign a lease on behalf of the registered owner with MTN and any representatives and/or subcontractors of MTN to lease a portion of the said property for the purpose of a cellular base station. The terms and conditions set out therein be left to his sole judgement.

Rufus Hodd  
TRUSTEE 1

Debra  
WITNESS 1

Antony  
TRUSTEE 2

L. E. H. Kwath  
WITNESS 2

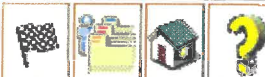


# Appendix 7

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*Property Enquiry Details*

## Property Enquiry Details



Property enquiry results for "SWELLENDAM RD, 365, 0" in the Deeds Registry at "CAPE TOWN"

### Property detail:

Deeds registry	CAPE TOWN
Property type	FARM
Farm name	LUIPAARDSBERG
Farm number	365
Portion	0 (REMAINING EXTENT)
Province	WESTERN CAPE
Registration division/Administrative district	SWELLENDAM RD
Local authority	BREDASDORP-SWELLENDAM DC
Previous description	-
Diagram deed number	SWQ20-4/1901
Extent	102.2153 H
LPI Code	C07300000000036500000

### Title Deeds detail:

Document	Registration date	Purchase date	Amount	Image Scanned reference	Document copy?
T262/1968	19680110	-	SECT 40	20080527 11:43:51	<a href="#">Yes</a>

### Owners detail:

Document	Full name	Identity Number	Share	Person Enquiry?
T262/1968	BEYERS JOHANN DAVID-TRUSTEES	-	-	<a href="#">Yes</a>
T105557/2004	BEYERS JOHANN DAVID-TRUSTEES	-	-	<a href="#">Yes</a>

### Endorsements / Encumbrances:

Endorsement / Encumbrance	Holder	Amount	Image Scanned reference	Document copy?
K789/1994S	-	-	20140221 10:33:28	<a href="#">Yes</a>
K821/1984S	-	-	1994 0658 0472	<a href="#">Yes</a>

K872/1990S	-	-	1990 1671 1982	<a href="#">Yes</a>
K873/1990S	-	-	1990 1671 1995	<a href="#">Yes</a>
FARM SW 365	-	-	1985 0079 1474	<a href="#">Yes</a>
PTN SW RD 365/1	-	-	-	Not available

**History:**

Document	Holder	Amount	Image Scanned reference	Document copy?
T262/1968	BEYERS JOHANN DAVID	-	20080527 11:43:51	<a href="#">Yes</a>

[Back to top of page](#)

Requested by **15192** with user reference **None** on: Monday, 13 May 119 10:32

DeedsWeb Version 4.0.1

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# Appendix 8

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*Applicant Identity Document*

GEREGISTREERDE WOON- EN POSADRES

1. Bewaar die bewys van u GEGISTREERDE WOON- EN POSADRES in hierdie sakke.

2. Indien u van adres verander het, of indien besonderhede van u huidige adres, by straatnaam en/of -nommer, ens. verander het, moet die vorm KENNISGEWING VAN ADRESVERANDERING, wat in die sakke agter in die identiteitsdokument is, gebruik word om die verandering aan te meld en moet dit ingedien word by of gepos word aan die naste streek-/distrikkantoor van die DEPARTEMENT VAN BINNELANDSE SAKE.

REGISTERED RESIDENTIAL AND POSTAL ADDRESS

1. Keep the proof of your REGISTERED RESIDENTIAL AND POSTAL ADDRESS in this pocket.

2. If you have changed your address, or, if particulars of your present address, e.g. name of street and/or street number, etc., have been changed, the NOTICE OF CHANGE OF ADDRESS form in the pocket at the back of the identity document must be used to report the change and it must be handed in at or posted to the nearest regional/district office of the DEPARTMENT OF HOME AFFAIRS.

I.D.No. 461029 0126 08 7



S.A. BURGER/S.A. CITIZEN

VAN/SURNAME

HODD

VOORNAME/FORENAMES

RYKIE MARIÉ

GEBOORTEDISTRIK OF-LAND/  
DISTRICT OR COUNTRY OF BIRTH

SUID-AFRIKA

GEBOORTEDATUM/  
DATE OF BIRTH

1946-10-29

DATUM UITGEREIK  
DATE ISSUED

1999-01-11

UITGEREIK OP GESAG VAN DIE  
DIREKTEUR-GENERAAL  
BINNELANDSE SAKE

ISSUED BY AUTHORITY OF THE  
DIRECTOR GENERAL  
HOME AFFAIRS



Ware Afskrif / True Copy

**Petrus Theodorus Houterman**  
Kommissaris van Ede ex Officio  
Geregistreerde Landmeter  
Bakerstraat 13A, Swellendam  
Tel: 028-514 2615

# Appendix 9

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*DEA&DP Confirming Listed Activity*





**Western Cape  
Government**

Environmental Affairs and  
Development Planning

DIRECTORATE: DEVELOPMENT MANAGEMENT (REGION 1)

**REFERENCE:** 16/3/3/6/1/E3/1180/19

**ENQUIRIES:** BERNADETTE OSBORNE

**DATE:** 2019-07-09

Mr Andries du Plessis  
Warren Petterson Planning  
PO Box 150  
**Century City**  
7446

Tel: (021) 552 5255  
Fax: (086) 537 9187

Dear Sir

**THE APPLICABILITY OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998) ("NEMA") ENVIRONMENTAL IMPACT ASSESSMENT ("EIA") REGULATIONS, 2014: THE PROPOSED APPLICATION FOR A CELLULAR COMMUNICATION BASE STATION, REMAINDER OF FARM NO. 365, LUIPAARDSBERG, SWELLENDAM.**

1. The abovementioned document and letter dated 13 May 2019, as received by the Department on 14 May 2019 and the telephonic conversation dated 9 July 2019, refer.
2. On 7 April 2017 the Minister of Environmental Affairs promulgated amendments to the regulations in terms of Chapter 5 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA"), viz, the Environmental Impact Assessment ("EIA") Regulations, 2014 and Listing Notices 1, 2 and 3 published in Government Gazette No. 40772.
3. Based on the information provided it is this Department's understanding that the proposal entails the following:
  - The proposed development of a 30m high mast on the Remainder of Farm No. 365, Luipaardsberg, Swellendam.
  - The proposed mast will have a development footprint of approximately 121m<sup>2</sup>.
  - The site is located between two existing buildings with lattice masts. The existing lattice masts are not able to accommodate any additional infrastructure.
  - According to the available mapping resources, indigenous vegetation is present on the site, namely *North Sonderend Sandstone Fynbos* vegetation, which classified as least threatened.
  - According to the available mapping resources, a wetland is located in close proximity to the site.
  - Existing access and power is available for the proposed mast.

6th Floor, 1 Dorp Street, Cape Town, 8001  
tel: +27 21 483 3679/4349 fax: +27 21 483 3098  
E-mail: Bernadette.Osborne@westerncape.gov.za

Private Bag X9086, Cape Town, 8000  
[www.westerncape.gov.za/eadp](http://www.westerncape.gov.za/eadp)

- The site is zoned for agricultural use and is located outside the urban area of Swellendam.
4. Your attention is therefore drawn to the listed activities in terms of the NEMA EIA Regulations, 2014 as defined in Listing Notices 1, 2 and 3. Please be advised that the proposal may trigger the following listed activities in terms of the NEMA EIA Regulations, 2014:

**Activity 12 of Listing Notice 1**

*The development of—*

- (i) *dams or weirs, where the dam or weir, including infrastructure and water surface area, exceeds 100 square metres; or*
- (ii) **infrastructure or structures with a physical footprint of 100 square metres or more;**

*where such development occurs—*

- (a) *within a watercourse;*
- (b) *in front of a development setback; or*
- (c) **if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse; —**

*excluding—*

- (aa) *the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour;*
- (bb) *where such development activities are related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies;*
- (cc) *activities listed in activity 14 in Listing Notice 2 of 2014 or activity 14 in Listing Notice 3 of 2014, in which case that activity applies;*
- (dd) *where such development occurs within an urban area;*
- (ee) *where such development occurs within existing roads, road reserves or railway lines; or*
- (ff) *the development of temporary infrastructure or structures where such infrastructure or structures will be removed within 6 weeks of the commencement of development and where indigenous vegetation will not be cleared.*

- **Activity 3 of Listing Notice 3**

***The development of masts or towers of any material or type used for telecommunication broadcasting or radio transmission purposes where the mast or tower –***

- (a) *is to be placed on a site not previously used for this purpose; and*
  - (b) ***Will exceed 15 metres in height –***
- but excluding attachments to existing buildings and masts on rooftops.*

**(i) Western Cape**

**(i) All areas outside urban areas;**

- (ii) *Areas designated for conservation use in Spatial Development Frameworks adopted by the competent authority, or zoned for a conservation purpose, within urban areas; or*
- (iii) *Areas zoned for use as public open space or equivalent zoning within urban areas.*

5. The above is based on the following:

- The proposed development is located in close proximity to a wetland.
- The proposed mast exceeds 15m in height.
- The site is located outside an urban area.
- The site has not been previously used for this purpose.

6. If applicable, written authorisation will be required from the competent authority prior to the undertaking of the said activities. You are hereby advised that only those activities applied for will be considered for authorisation. The onus is on the applicant to ensure that all the applicable listed activities are included in the application.
7. The Application Form, as well as other relevant forms and guidelines, are available from this Department's website: <http://eadp-westerncape.kznsshf.gov.za/>.
8. The applicant must comply with any other statutory requirements that may be applicable to the undertaking of the activity.
9. The Department reserves the right to revise or withdraw comments or request further information based on any information received.

Your interest in the future of our environment is greatly appreciated.

Yours faithfully



**HEAD OF COMPONENT**

**ENVIRONMENTAL IMPACT MANAGEMENT SERVICES: REGION 1**

**DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND DEVELOPMENT PLANNING**