



the dedet

Department:  
Economic Development, Environment and Tourism  
MPUMALANGA PROVINCIAL GOVERNMENT

Basic assessment report in terms of the  
Environmental Impact Assessment Regulations, 2010, promulgated in terms of the National  
Environmental Management Act, 1998(Act No. 107 of 1998), as amended.

(For applicant / EAP to complete)

File Reference Number:  
Project Title:  
Name of Responsible Official:

17/2/3/GS-115
The establishment of a telecommunication mast: T9534
Mr. Nelisiwe Mlangeni

(For official use only)

NEAS Reference Number:  
Date Received:


**Kindly note that:**

1. Required information must be typed within the spaces provided in the form. The size of the spaces provided is not necessarily indicative of the amount of information to be provided. Tables can be extended as each space is filled with typing.
2. Where applicable **black out** the boxes that are not applicable in the form.
3. An incomplete report may be returned to the applicant for revision.
4. The use of "not applicable" in the report must be done with circumspection because if it is used in respect of material information that is required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the regulations.
5. All reports (draft and final) must be submitted to the Department at the address of the relevant **DISTRICT OFFICE** given below or by delivery thereof to the relevant **DISTRICT OFFICE**. Should the reports not be submitted at the relevant district office, they will not be considered.
6. No faxed or e-mailed reports will be accepted.
7. One copy of the draft version of this report must be submitted to the relevant district office. The case officer may request more than one copy in certain circumstances.
8. **Copies of the draft report must be submitted to the relevant State Departments / Organs of State for comment.** In order to give effect to Regulation 56(7), proof of submission/delivery of the draft documents to the State Departments / Organs of State must be attached to the draft version of this report.
9. Unless protected by law, all information in the report will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this report on request, during any stage of the application process.
10. All specialist reports must be appended to this document, and all specialists must complete a declaration of independence, which is obtainable from the Department.

## SECTION A: BACKGROUND INFORMATION

<b>Project applicant:</b>	MTN (Pty) Ltd		
<b>Trading name (if any):</b>	MTN (Pty) Ltd		
<b>Contact person:</b>	Mr. Riaan Bakker		
<b>Physical address:</b>	Building 1, Commerce Square, 39 Rivonia Road, Sandton		
<b>Postal address:</b>	MTN (Pty) Ltd, P.O. Box 4000, Cramerview		
<b>Postal code:</b>	2060	<b>Cell:</b>	083 200 4351
<b>Telephone:</b>	083 200 4351	<b>Fax:</b>	011 911 5460
<b>E-mail:</b>	Bakker_A@mtn.co.za		

<b>Environmental Assessment Practitioner:</b>	Torbiose Solutions CC		
<b>Contact person:</b>	Monica Niehof		
<b>Postal address:</b>	P.O. Box 32017, Totiusdal		
<b>Postal code:</b>	0134	<b>Cell:</b>	072 607 8719
<b>Telephone:</b>	(012) 804 1504	<b>Fax:</b>	0866900441 / 0866900468
<b>E-mail:</b>	admin@torbiousolutions.co.za		
<b>Qualifications:</b>	10 Years Environmental Impact Assessment evaluations		
<b>Professional affiliations (if any):</b>	-		

## **SECTION B: DETAILED DESCRIPTION OF THE PROPOSED ACTIVITY**

Describe the activity, which is being applied for, in detail. The description must include the size of the proposed activity (or in the case of linear activities, the length) and the size of the area that will be transformed by the activity.

**Regulation 546 Activity 3: Construction of a 54m high lattice mast painted red and white with antennae and a 81m<sup>2</sup> MTN (Pty) Ltd telecommunication base station with equipment containers enclosed by a 2,4 m high steel palisade fence on Portion 15 of the farm Witkloof 408 JT.**

## SECTION C: PROPERTY/SITE DESCRIPTION

Provide a full description of the preferred site alternative (farm name and number, portion number, registration division, erf number etc.):

**Portion 15 of the farm Witkloof 408 JT**

Indicate the position of the activity using the latitude and longitude of the centre point of the preferred site alternative. The co-ordinates should be in degrees and decimal minutes. The minutes should have at least three decimals to ensure adequate accuracy. The projection that must be used in all cases is the WGS84 spheroid in a national or local projection. The position of alternative sites must be indicated in Section B of this document.

Latitude (S):		Longitude (E):	
25°	56.010'	30°	03.445'

**In the case of linear activities:**

- Starting point of the activity
- Middle point of the activity
- End point of the activity

Latitude (S):		Longitude (E):	
0	'	0	'
0	'	0	'
0	'	0	'

### SITE OR ROUTE PLAN

A detailed site or route plan(s) must be prepared for each alternative site or alternative activity. It must be attached as an appendix to this document.

The site or route plans must be at least A3 and must include the following:

- 6.1 a reference no / layout plan no., date, and a legend / land use table
- 6.2 the scale of the plan which must be at least a scale of 1:2000;
- 6.3 the current land use as well as the land use zoning of each of the properties adjoining the site or sites;
- 6.4 the exact position of each element of the application as well as any other structures on the site;
- 6.5 the position of services, including electricity supply cables (indicate above or underground), water supply pipelines, boreholes, street lights, sewage pipelines, storm water infrastructure and telecommunication infrastructure;
- 6.6 all indigenous trees taller than 1.8 metres and all vegetation of conservation concern (protected, endemic and/or red data species);
- 6.8 servitudes indicating the purpose of the servitude;
- 6.9 sensitive environmental elements within 100 metres of the site or sites including (but not limited thereto):
  - watercourses and wetlands;
  - the 1:100 year flood line;
  - ridges;
  - cultural and historical features;
- 6.9 10 metre contour intervals

### SITE PHOTOGRAPHS

Colour photographs from the centre of the site must be taken in at least the eight major compass directions with a description of each photograph. Photographs must be attached as an appendix to this form.





## **FACILITY ILLUSTRATION**

A detailed illustration of the activity must be provided at a scale of 1:200 as an appendix for activities that include structures. The illustrations must be to scale and must represent a realistic image of the planned activity. The illustration must give a representative view of the activity.

## SECTION D: BASIC ASSESSMENT REPORT

Prepare a basic assessment report that complies with Regulation 22 of the Environmental Impact Assessment Regulations, 2010. The basic assessment report must be attached to this form and must contain all the information that is necessary for the competent authority to consider the application and to reach a decision contemplated in Regulation 25, and must include:

(Checklist  
for official  
use only)

1.	A description of the environment that may be affected by the proposed activity and the manner in which the geographical, physical, biological, social, economic and cultural aspects of the environment may be affected by the proposed activity.	
2.	An identification of all legislation and guidelines that have been considered in the preparation of the basic assessment report.	
3.	Details of the public participation process conducted in terms of Regulation 21(2)(a) in connection with the application, including – (i) the steps that were taken to notify potentially interested and affected parties of the proposed application; (ii) proof that notice boards, advertisements and notices notifying potentially interested and affected parties of the proposed application have been displayed, placed or given; (iii) a list of all persons, organisations and organs of state that were registered in terms of regulation 55 as interested and affected parties in relation to the application; and (iv) a summary of the issues raised by interested and affected parties, the date of receipt of and the response of the EAP to those issues;	
4.	A description of the need and desirability of the proposed activity;	
5.	A description of any identified alternatives to the proposed activity that are feasible and reasonable, including the advantages and disadvantages that the proposed activity or alternatives will have on the environment and on the community that may be affected by the activity;	
6.	A description and assessment of the significance of any environmental impacts, including— (i) cumulative impacts, that may occur as a result of the undertaking of the activity or identified alternatives or as a result of any construction, erection or decommissioning associated with the undertaking of the activity; (ii) the nature of the impact; (iii) the extent and duration of the impact; (iv) the probability of the impact occurring; (v) the degree to which the impact can be reversed; (vi) the degree to which the impact may cause irreplaceable loss of resources; and (vii) the degree to which the impact can be mitigated;	
7.	Any environmental management and mitigation measures proposed by the EAP;	
8.	Any inputs and recommendations made by specialists to the extent that may be necessary;	
9.	A draft environmental management programme containing the aspects contemplated in regulation 33;	
10.	A description of any assumptions, uncertainties and gaps in knowledge;	

11. A reasoned opinion as to whether the activity should or should not be authorised, and if the opinion is that it should be authorised, any conditions that should be made in respect of that authorisation	
12. Any representations, and comments received in connection with the application or the basic assessment report;	
13. The minutes of any meetings held by the EAP with interested and affected parties and other role players which record the views of the participants;	
14. Any responses by the EAP to those representations, comments and views;	
15. Any specific information required by the competent authority; and	
16. Any other matters required in terms of sections 24(4)(a) and (b) of the Act.	

**The basic assessment report must take into account -**

- (a) any relevant guidelines; and
- (b) any departmental policies, environmental management instruments and other decision making instruments that have been developed or adopted by the competent authority in respect of the kind of activity which is the subject of the application.

\* In terms of Regulation 22(4), the EAP managing the application must provide the competent authority with detailed, written proof of an investigation as required by section 24(4)(b)(i) of the Act and motivation if no reasonable or feasible alternatives, as contemplated in subregulation 22(2)(h), exist.

Have reasonable and feasible alternatives been identified, described and assessed?	<input checked="" type="checkbox"/>	<b>NO</b>
If NO, the motivation and investigation required in terms of Regulation 22(4) must be attached as an Appendix to this document – <b><i>Please refer to Appendix G6</i></b>		

**1. A DESCRIPTION OF THE ENVIRONMENT**

**This section describes the environment that may be affected by the proposed activity and the manner in which the geographical, physical, biological, social, economic and cultural aspects of the environment may be affected by the proposed activity in terms of *Regulation 22 sub-regulation 2 (d) of the EIA Regulations, 2010.***

**1.1 PHYSICAL ENVIRONMENT**

**Gradient of the Site**

Indicate the general gradient of the site.

**Alternative S1:**

<b>Flat</b>	1:50	-	1:20	1:15	1:10	1:7,5	Steeper than
	1:20		1:15	1:10	1:7,5	1:5	1:5

## Location in landscape

Indicate the landform(s) that best describes the site:



### 2.7 Undulating plain / low hills



## Groundwater, Soil and Geological stability of the site

Is the site(s) located on any of the following (tick the appropriate boxes)?

### Alternative S1:

Shallow water table (less than 1.5m deep)	YES	NO
Dolomite, sinkhole or doline areas	YES	NO
Seasonally wet soils (often close to water bodies)	YES	NO
Unstable rocky slopes or steep slopes with loose soil	YES	NO
Dispersive soils (soils that dissolve in water)	YES	NO
Soils with high clay content (clay fraction more than 40%)	YES	NO
Any other unstable soil or geological feature	YES	NO
An area sensitive to erosion	YES	NO

If you are unsure about any of the above or if you are concerned that any of the above aspects may be an issue of concern in the application, an appropriate specialist should be appointed to assist in the completion of this section. (Information in respect of the above will often be available as part of the project information or at the planning sections of local authorities. Where it exists, the 1:50 000 scale Regional Geotechnical Maps prepared by the Council for Geo Science may also be consulted).

## 1.2 BIOLOGICAL ENVIRONMENT - Alternative S1:

### Groundcover

Indicate the types of groundcover present on the site:

The location of all identified rare or endangered species or other elements should be accurately indicated on the site plan(s).

Natural veld <sup>E</sup>	<b>Natural veld with scattered aliens<sup>E</sup></b>	Natural veld with heavy alien infestation <sup>E</sup>	Veld dominated by alien species <sup>E</sup>	Gardens
Sport field	Cultivated land	Paved surface	Building or other structure	Bare soil

If any of the boxes marked with an “<sup>E</sup>” is ticked, please consult an appropriate specialist to assist in the completion of this section if the environmental assessment practitioner doesn’t have the necessary expertise.

## 1.3 SOCIO-ECONOMIC ENVIRONMENT

### Land use character of surrounding area

Indicate land uses and/or prominent features that does currently occur within a 500m radius of the site and give description of how this influences the application or may be impacted upon by the application:

- 1.3.1 Natural area
- 1.3.2 Low density residential
- 1.3.3 Medium density residential
- 1.3.4 High density residential
- 1.3.5 Informal residential<sup>A</sup>
- 1.3.6 Retail commercial & warehousing
- 1.3.7 Light industrial
- 1.3.8 Medium industrial<sup>AN</sup>
- 1.3.9 Heavy industrial<sup>AN</sup>
- 1.3.10 Power station
- 1.3.11 Office/consulting room
- 1.3.12 Military or police base/station/compound
- 1.3.13 Spoil heap or slimes dam<sup>A</sup>
- 1.3.14 Quarry, sand or borrow pit
- 1.3.15 Dam or reservoir
- 1.3.16 Hospital/medical centre
- 1.3.17 School
- 1.3.18 Tertiary education facility
- 1.3.19 Church
- 1.3.20 Old age home
- 1.3.21 Sewage treatment plant<sup>A</sup>
- 1.3.22 Train station or shunting yard<sup>N</sup>
- 1.3.23 Railway line<sup>N</sup>
- 1.3.24 Major road (4 lanes or more)<sup>N</sup>
- 1.3.25 Airport<sup>N</sup>
- 1.3.26 Harbour

- ~~1.3.27 Sport facilities~~
- ~~1.3.28 Golf course~~
- ~~1.3.29 Polo fields~~
- ~~1.3.30 Filling station<sup>H</sup>~~
- ~~1.3.31 Landfill or waste treatment site~~
- ~~1.3.32 Plantation~~

**1.3.33 Agriculture**

**1.3.34 River, stream or wetland**

~~1.3.35 Nature conservation area~~

~~1.3.36 Mountain, koppie or ridge~~

~~1.3.37 Museum~~

~~1.3.38 Historical building~~

~~1.3.39 Protected Area~~

~~1.3.40 Graveyard~~

~~1.3.41 Archaeological site~~

**1.3.42 Other land uses (describe) – Farmland**

If any of the boxes marked with an <sup>"N"</sup> are ticked, how will this impact / be impacted upon by the proposed activity? **No**

If any of the boxes marked with an <sup>"An"</sup> are ticked, how will this impact / be impacted upon by the proposed activity? **No**

If YES, specify and explain:

If YES, specify:

If any of the boxes marked with an <sup>"H"</sup> are ticked, how will this impact / be impacted upon by the proposed activity. **No**

If YES, specify and explain:

If YES, specify:

## Waste, effluent, emission and noise management

### (a) Solid waste management

Will the activity produce solid construction waste during the construction/initiation phase?

YES	NO
-----	----

If yes, what estimated quantity will be produced per month?

2m <sup>3</sup> (6 weeks construction period only)
----------------------------------------------------

How will the construction solid waste be disposed of (describe)?

**Loaded and transported by a suitable, roadworthy commercial vehicle to the nearest registered landfill site.**

Where will the construction solid waste be disposed of (describe)?

**At a suitable registered landfill site within the immediate area.**

Will the activity produce solid waste during its operational phase?

YES	NO
-----	----

If yes, what estimated quantity will be produced per month?

m <sup>3</sup>
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How will the solid waste be disposed of (describe)?

-

Where will the solid waste be disposed if it does not feed into a municipal waste stream (describe)?

-

If the solid waste (construction or operational phases) will not be disposed of in a registered landfill site or be taken up in a municipal waste stream, then the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

Can any part of the solid waste be classified as hazardous in terms of the relevant legislation?

YES	NO
-----	----

If yes, inform the competent authority and request a change to an application for scoping and EIA.

Is the activity that is being applied for a solid waste handling or treatment facility?

YES	NO
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If yes, then the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

### (b) Liquid effluent

Will the activity produce effluent, other than normal sewage, that will be disposed of in a municipal sewage system?

YES	NO
-----	----

If yes, what estimated quantity will be produced per month?

m <sup>3</sup>
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Will the activity produce any effluent that will be treated and/or disposed of on site?

YES	NO
-----	----

If yes, the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

Will the activity produce effluent that will be treated and/or disposed of at another facility?

YES	NO
-----	----

If yes, provide the particulars of the facility:

Facility name:

-
---

Contact person:

-
---

Postal address:

-
---

Postal code:

-
---

Telephone:

-	Cell:	-
---	-------	---

E-mail:

-	Fax:	-
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Describe the measures that will be taken to ensure the optimal reuse or recycling of waste water, if any:

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YES	NO
-----	----

YES	NO
-----	----

**(c) Emissions into the atmosphere**

Will the activity release emissions into the atmosphere?

YES	NO
YES	NO

If yes, is it controlled by any legislation of any sphere of government?

If yes, the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

If no, describe the emissions in terms of type and concentration:

**Non-ionised electromagnetic fields with power density < 10W/m<sup>2</sup> (Department of Health Guidelines based on International Commission on Non-Ionising Radiation Protection (ICNIRP) and World Health Organisation (WHO) guidelines.**

**(d) Generation of noise**

Will the activity generate noise?

YES	NO
YES	NO

If yes, is it controlled by any legislation of any sphere of government?

If yes, the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

If no, describe the noise in terms of type and level:

**Minimum noise generation will emanate from the installed air conditioners at a <60dB noise level. The level of noise generation is well within the acceptable norm and will not cause a disturbance to the surrounding environment.**

**(e) Water Use**

Please indicate the source(s) of water that will be used for the activity by ticking the appropriate box(es)

municipal	water board	groundwater	river, stream, dam or lake	other	<b>the activity will not use water</b>
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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:

litres	
YES	NO

Does the activity require a water use permit from the Department of Water Affairs?

If yes, please submit the necessary application to the Department of Water Affairs and attach proof thereof to this application if it has been submitted.

**(f) Energy Efficiency**

Describe the design measures, if any, that have been taken to ensure that the activity is energy efficient:

**High technological mobile telecommunication operating systems are in principle designed for minimum, cost effective energy consumption in order to preserve resources and to optimise the financial yield generated by the base station.**

Describe how alternative energy sources have been taken into account or been built into the design of the activity, if any:

**Alternative energy sources have not yet been taken into account in the design of the activity.**



## 1.4 CULTURAL ENVIRONMENT

### Cultural/Historical Features

Are there any signs of culturally or historically significant elements, as defined in section 2 of the National Heritage Resources Act, 1999, (Act No. 25 of 1999), including Archaeological or palaeontological sites, on or close (within 20m) to the site?	YES	NO
	Uncertain	
If YES, explain:		
If uncertain, conduct a specialist investigation by a recognised specialist in the field to establish whether there is such a feature(s) present on or close to the site.		
Briefly explain the findings of the specialist:		
Will any building or structure older than 60 years be affected in any way?	YES	NO
Is it necessary to apply for a permit in terms of the National Heritage Resources Act, 1999 (Act 25 of 1999)?	YES	NO
If yes, please submit or, make sure that the applicant or a specialist submits the necessary application to SAHRA or the relevant provincial heritage agency and attach proof thereof to this application if such application has been made.		

## 2. APPLICABLE LEGISLATION, POLICIES AND/OR GUIDELINES – IN TERMS OF *Regulation 22 sub-regulation 2 (e) of the EIA Regulations, 2010*

List all legislation, policies and/or guidelines of any sphere of government that are applicable to the application as contemplated in the EIA regulations, if applicable:

Title of legislation, policy or guideline:	Administering authority:	Date:
<b>National Environmental Management Act (NEMA) No. 107 of 1998 &amp; related regulations &amp; guidelines</b>	<b>Mpumalanga Province Department of Economic Development, Environment and Tourism</b>	<b>27/11/1998</b>
<b>Civil Aviation Act, 2009 (Act No. 13 of 2009)</b>	<b>South African Civil Aviation Authority</b>	<b>2009</b>
<b>Approval in terms of town planning schemes and/or National Building Regulations</b>	<b>Albert Luthuli Local Municipality</b>	<b>Unknown</b>
<b>Occupational Health and Safety Act (No. 85 of 1993)</b>	<b>Department of Labour</b>	<b>1993</b>
<b>National Veld and Forest Fire Act (No. 101 of 1998)</b>	<b>Department of Agriculture, Forestry and Fisheries</b>	<b>1998</b>
<b>National Heritage Resources Act (No. 25 of 1999)</b>	<b>South African Heritage Resources Agency</b>	<b>1999</b>

### 3. PUBLIC PARTICIPATION – IN TERMS OF *Regulation 22 sub-regulation 2 (f) of the EIA Regulations, 2010*

The person conducting a public participation process must take into account any guidelines applicable to public participation as contemplated in section 24J of the Act and must give notice to all potential interested and affected parties of the application which is subjected to public participation by—

- (a) fixing a notice board (of a size at least 60cm by 42cm; and must display the required information in lettering and in a format as may be determined by the competent authority) at a place conspicuous to the public at the boundary or on the fence of—
  - (i) the site where the activity to which the application relates is or is to be undertaken; and
  - (ii) any alternative site mentioned in the application;
- (b) giving written notice to—
  - (i) the owner or person in control of that land if the applicant is not the owner or person in control of the land;
  - (ii) the occupiers of the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken;
  - (iii) owners 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;
  - (iv) 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;
  - (v) the municipality which has jurisdiction in the area;
  - (vi) any organ of state having jurisdiction in respect of any aspect of the activity; and
  - (vii) any other party as required by the competent authority;
- (c) placing an advertisement in—
  - (i) one local newspaper; or
  - (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;
- (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 local municipality in which it is or will be undertaken: Provided that this paragraph need not be complied with if an advertisement has been placed in an official *Gazette* referred to in subregulation 54(c)(ii); and
- (e) using reasonable alternative methods, as agreed to by the competent authority, in those instances where a person is desiring of but unable to participate in the process due to—
  - (i) illiteracy;
  - (ii) disability; or
  - (iii) any other disadvantage.

### **3.1 Content of Advertisements and Notices**

A notice board, advertisement or notices must:

- (a) indicate the details of the application which is subjected to public participation; and
- (b) state—
  - (i) that the application has been submitted to the competent authority in terms of these Regulations, as the case may be;
  - (ii) whether basic assessment or scoping procedures are being applied to the application, in the case of an application for environmental authorisation;
  - (iii) the nature and location of the activity to which the application relates;
  - (iv) where further information on the application or activity can be obtained; and
  - (iv) the manner in which and the person to whom representations in respect of the application may be made.

### **3.2 Placement of Advertisements and Notices**

Where the proposed activity may have impacts that extend beyond the municipal area where it is located, a notice must be placed in at least one provincial newspaper or national newspaper, indicating that an application will be submitted to the competent authority in terms of these regulations, the nature and location of the activity, where further information on the proposed activity can be obtained and the manner in which representations in respect of the application can be made, unless a notice has been placed in any *Gazette* that is published specifically for the purpose of providing notice to the public of applications made in terms of the EIA regulations.

Advertisements and notices must make provision for all alternatives.

### **3.3 Determination of Appropriate Measures**

The practitioner must ensure that the public participation is adequate and must determine whether a public meeting or any other additional measure is appropriate or not based on the particular nature of each case. Special attention should be given to the involvement of local community structures such as Ward Committees, ratepayers associations and traditional authorities where appropriate. Please note that public concerns that emerge at a later stage that should have been addressed may cause the competent authority to withdraw any authorisation it may have issued if it becomes apparent that the public participation process was inadequate.

### **3.4 Comments and response report**

The practitioner must record all comments and respond to each comment of the public before the application is submitted. The comments and responses must be captured in a comments and response report as prescribed in the EIA regulations and be attached to this application. The comments and response report must be attached under Appendix E.

### 3.5 Authority Participation

Please note that a complete list of all organs of state and or any other applicable authority with their contact details must be appended to the basic assessment report or scoping report, whichever is applicable.

Authorities are key interested and affected parties in each application and no decision on any application will be made before the relevant local authority is provided with the opportunity to give input.

List of authorities informed:

**South African Heritage Resources Agency (SAHRA)**  
**Albert Luthuli Local Municipality**  
**Gert Sibande District Municipality**  
**Mpumalanga Tourism and Parks Agency (MTPA)**

List of authorities from whom comments have been received:

**None**

### 3.6 Consultation with other Stakeholders

Note that, for linear activities, or where deviation from the public participation requirements may be appropriate, the person conducting the public participation process may deviate from the requirements of that subregulation to the extent and in the manner as may be agreed to by the competent authority.

Proof of any such agreement must be provided, where applicable.

Has any comment been received from stakeholders?

<b>YES</b>	<b>NO</b>
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If "YES", briefly describe the feedback below (also attach copies of any correspondence to and from the stakeholders to this application):

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## 4. NEED AND DESIRABILITY– IN TERMS OF *Regulation 22 sub-regulation 2 (g) of the EIA Regulations, 2010*

### ACTIVITY MOTIVATION

#### 1(a) Socio-economic value of the activity

What is the expected capital value of the activity on completion?

<b>R 500 000</b>
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What is the expected yearly income that will be generated by or as a result of the activity?

<b>Unknown</b>
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Will the activity contribute to service infrastructure?

<b>YES</b>	<b>NO</b>
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Is the activity a public amenity?

<b>YES</b>	<b>NO</b>
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How many new employment opportunities will be created in the development phase of the activity?

<b>0</b>
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What is the expected value of the employment opportunities during the development phase?

<b>R0</b>
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What percentage of this will accrue to previously disadvantaged individuals?

<b>0%</b>
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How many permanent new employment opportunities will be created during the operational phase of the activity?

<b>0</b>
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What is the expected current value of the employment opportunities during the first 10 years?

<b>R0</b>
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What percentage of this will accrue to previously disadvantaged individuals?

<b>0%</b>
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**(b) Need and desirability of the activity**

Motivate and explain the need and desirability of the activity (including demand for the activity):

<b>NEED:</b>			
1.	Was the relevant provincial planning department involved in the application?	YES	NO
2.	Does the proposed land use fall within the relevant provincial planning framework?	YES	NO
3.	<p>If the answer to questions 1 and / or 2 was NO, please provide further motivation / explanation:</p> <p><b>Cellular telecommunication technology is an integral part of modern daily life and licensed cellular telecommunication service operators have an obligation in terms of their license agreements, as stipulated by national government, to provide the services throughout South Africa within the allocated bandwidth spectrum. The cellular telecommunication user base is still increasing (quantitative growth) and users must be enabled to choose the services rendered by any of the licensed operators anywhere in South Africa (choice and availability). The expansion of service types and content (content &amp; technology growth) furthermore requires continuous equipment and network fine-tuning, upgrades and expansion. The user base also expects a continuous quality service to be provided and therefore network capacity and capabilities are under constant review to maintain or improve quality coverage (qualitative growth).</b></p> <p><b>MTN (Pty) Ltd network and radio planners have identified an essential requirement in terms of the above objectives in the immediate surroundings of the planned base station in this area. MTN (Pty) Ltd is committed to preventing the proliferation of telecommunication installations and the sharing of the infrastructure by other telecommunication service providers is promoted wherever possible and existing structures will be utilized if such supports and is suitable for the establishment of a required base station.</b></p>		

<b>DESIRABILITY:</b>			
1.	Does the proposed land use / development fit the surrounding area?	YES	NO
2.	Does the proposed land use / development conform to the relevant structure plans, SDF and planning visions for the area?	YES	NO
3.	Will the benefits of the proposed land use / development outweigh the negative impacts of it?	YES	NO
4.	<p>If the answer to any of the questions 1-3 was NO, please provide further motivation / explanation:</p> <p><b>Aesthetics: The “Sense of Place” and aesthetical value of the environment will be negatively affected by the visibility of the structure. However, the telecommunication mast is identified as necessary modern infrastructure to improve telecommunication in the area. The area also has a low population density. It is argued that the possible negative visual impact <i>after mitigation</i> is outweighed by the positive benefits of the mast. Therefore the aesthetical/visual impact is considered to be of low significance.</b></p>		
5.	Will the proposed land use / development impact on the sense of place?	YES	NO
6.	Will the proposed land use / development set a precedent?	YES	NO
7.	Will any person’s rights be affected by the proposed land use / development?	YES	NO
8.	Will the proposed land use / development compromise the “urban edge”?	YES	NO

9.	<p>If the answer to any of the question 5-8 was YES, please provide further motivation / explanation.</p> <p><b>Aesthetics: The “Sense of Place” and aesthetical value of the environment will be negatively affected by the visibility of the structure. However, the telecommunication mast is identified as necessary modern infrastructure to improve telecommunication in the area. The area also has a low population density. It is argued that the possible negative visual impact <i>after mitigation</i> is outweighed by the positive benefits of the mast. Therefore the aesthetical/visual impact is considered to be of low significance.</b></p>
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**5. ALTERNATIVES– IN TERMS OF *Regulation 22 sub-regulation 2 (h) of the EIA Regulations, 2010***

**FEASIBLE AND REASONABLE ALTERNATIVES – Please refer to the motivation that no feasible and reasonable alternatives exists for this particular activity attached in *Appendix G* of this Basic Assessment Report.**

“**alternatives**”, in relation to a proposed activity, means different means of meeting the general purpose and requirements of the activity, which may include alternatives to—

- (a) the property on which or location where it is proposed to undertake the activity;
- (b) the type of activity to be undertaken;
- (c) the design or layout of the activity;
- (d) the technology to be used in the activity;
- (e) the operational aspects of the activity; and
- (f) the option of not implementing the activity.

Describe alternatives that are considered in this application. Alternatives should include a consideration of all possible means by which the purpose and need of the proposed activity could be accomplished in the specific instance taking account of the interest of the applicant in the activity. The no-go alternative must in all cases be included in the assessment phase as the baseline against which the impacts of the other alternatives are assessed. The determination of whether site or activity (including different processes etc.) or both is appropriate needs to be informed by the specific circumstances of the activity and its environment. After receipt of this report the competent authority may also request the applicant to assess additional alternatives that could possibly accomplish the purpose and need of the proposed activity if it is clear that realistic alternatives have not been considered to a reasonable extent.

## 5.1 ACTIVITY POSITION

Indicate the position of the activity using the latitude and longitude of the centre point of the site for each alternative site. The co-ordinates should be in degrees and decimal minutes. The minutes should have at least three decimals to ensure adequate accuracy. The projection that must be used in all cases is the WGS84 spheroid in a national or local projection.

List alternative sites, if applicable.

Alternative:	Latitude (S):		Longitude (E):	
Alternative S1 <sup>1</sup>	25°	56.010'	30°	03.445'

### In the case of linear activities:

Alternative:	Latitude (S):		Longitude (E):	
Alternative S1 (preferred or only route alternative)				
Starting point of the activity	o	'	o	'
Middle/Additional point of the activity	o	'	o	'
End point of the activity	o	'	o	'
Alternative S2 (if any)				
Starting point of the activity	o	'	o	'
Middle/Additional point of the activity	o	'	o	'
End point of the activity	o	'	o	'
Alternative S3 (if any)				
Starting point of the activity	o	'	o	'
Middle/Additional point of the activity	o	'	o	'
End point of the activity	o	'	o	'

For route alternatives that are longer than 500m, please provide an addendum with co-ordinates taken every 250 meters along the route for each alternative alignment.

## 5.2 PHYSICAL SIZE OF THE ACTIVITY

Indicate the physical size of the preferred activity/technology as well as alternative activities/technologies (footprints):

Alternative:	Size of the activity:
Alternative S1	81m <sup>2</sup>

or, for linear activities:

Alternative:	Length of the activity:
Alternative A1 <sup>2</sup> (preferred activity alternative)	m
Alternative A2 (if any)	m
Alternative A3 (if any)	m

Indicate the size of the alternative sites or servitudes (within which the above footprints will occur):

Size of the

<sup>1</sup> "Alternative S" refer to site alternatives.

<sup>2</sup> "Alternative A" refers to activity, process, technology or other alternatives.





**Alternative:**  
Alternative S1

**site/servitude:**  
342.6128 H

### 5.3 SITE ACCESS

Does ready access to the site exist? 

YES	NO
-	

If NO, what is the distance over which a new access road will be built

Describe the type of access road planned:

-

Include the position of the access road on the site plan and required map, as well as an indication of the road in relation to the site.

### 5.4 SITE OR ROUTE PLAN

A detailed site or route plan(s) must be prepared for each alternative site or alternative activity. It must be attached as Appendix A to this document.

The site or route plans must indicate the following:

- 5.4.1 the scale of the plan which must be at least a scale of 1:500;
- 5.4.2 the property boundaries and numbers of all the properties within 50 metres of the site;
- 5.4.3 the current land use as well as the land use zoning of each of the properties adjoining the site or sites;
- 5.4.4 the exact position of each element of the application as well as any other structures on the site;
- 5.4.5 the position of services, including electricity supply cables (indicate above or underground), water supply pipelines, boreholes, street lights, sewage pipelines, storm water infrastructure and telecommunication infrastructure;
- 5.4.6 all trees and shrubs taller than 1.8 metres;
- 5.4.7 walls and fencing including details of the height and construction material;
- 5.4.8 servitudes indicating the purpose of the servitude;
- 5.4.9 sensitive environmental elements within 100 metres of the site or sites including (but not limited thereto):
  - rivers;
  - the 1:100 year flood line (where available or where it is required by DWA);
  - ridges;
  - cultural and historical features;
  - areas with indigenous vegetation (even if it is degraded or invested with alien species);
- 5.4.10 for gentle slopes the 1 metre contour intervals must be indicated on the plan and whenever the slope of the site exceeds 1:10, the 500mm contours must be indicated on the plan; and
- 5.4.11 the positions from where photographs of the site were taken.

### 5.5 SITE PHOTOGRAPHS

Colour photographs from the centre of the site must be taken in at least the eight major compass directions with a description of each photograph. Photographs must be attached under Appendix B to this form. It must be supplemented with additional photographs of relevant features on the site, if applicable.



## 5.6 FACILITY ILLUSTRATION

A detailed illustration of the activity must be provided at a scale of 1:200 as Appendix C for activities that include structures. The illustrations must be to scale and must represent a realistic image of the planned activity. The illustration must give a representative view of the activity.

## 5.7 ADVANTAGES AND DISADVANTAGES OF THE PROPOSAL AND ALTERNATIVES

5.7.1 ADVANTAGES:			
1.	Will the land use / development have any benefits for society in general?	YES	NO
2.	Explain: <b>The immediate benefits of the activity to society in general can be summarized as follows:</b> <ul style="list-style-type: none"> <li>■ Increased and improved national MTN coverage footprint enabling users to communicate on the MTN network wherever they are.</li> <li>■ Additional fulfilment of one of government's objectives to ensure the establishment of national communication network grids and services as part of a sustainable economic growth pattern.</li> </ul>		
	-		
	-		
3.	Will the land use / development have any benefits for the local communities where it will be located?	YES	NO
4.	Explain: <b>The motivation and benefits to society in general above apply to the local community directly. It will furthermore ensure that the communication capability and capacity of the local community will keep pace with the ever growing and availability of communication facilities nationwide.</b>		
	-		
	-		
5.7.2 DISADVANTAGES:			
1.	Will the land use / development have any disadvantages for society in general?	YES	NO
2.	Explain: <b>The area has a very low population density and the proposed activity will also be located on a farm that is not frequented by many people, therefore the possible negative impacts such health concerns and visual impact have no significance for society in general and in the EAP's opinion is not a disadvantage to them.</b>		
	-		
	-		
3.	Will the land use / development have any disadvantages for the local communities where it will be located?	YES	NO
4.	Explain: <b>The area has a very low population density and the proposed activity will also be located on a farm that is not frequented by many people, therefore the possible negative impacts such health concerns and visual impact have no significance for local communities and in the EAP's opinion is not a disadvantage to them.</b>		
	-		
	-		

## 6 & 7. IMPACT ASSESSMENT AND MITIGATION MEASURES – IN TERMS OF Regulation 22 sub-regulation 2 (i) – (j) of the EIA Regulations, 2010

The assessment of impacts must adhere to the minimum requirements in the EIA Regulations, 2010, and should take applicable official guidelines into account. The issues raised by interested and affected parties should also be addressed in the assessment of impacts.

### ISSUES RAISED BY INTERESTED AND AFFECTED PARTIES

List the main issues raised by interested and affected parties.

-

Response from the practitioner to the issues raised by the interested and affected parties (A full response must be given in the Comments and Response Report that must be attached to this report as Annexure E):

-

### IMPACTS THAT MAY RESULT FROM THE PLANNING AND DESIGN, CONSTRUCTION, OPERATIONAL, DECOMMISSIONING AND CLOSURE PHASES AS WELL AS PROPOSED MANAGEMENT OF IDENTIFIED IMPACTS AND PROPOSED MITIGATION MEASURES

List the potential direct, indirect and cumulative property/activity/design/technology/operational alternative related impacts (as appropriate) that are likely to occur as a result of the planning and design phase, construction phase, operational phase, decommissioning and closure phase, including impacts relating to the choice of site/activity/technology alternatives as well as the mitigation measures that may eliminate or reduce the potential impacts listed.

### IMPACTS THAT MAY RESULT FROM THE PLANNING AND DESIGN PHASE

List the potential site alternative related impacts (as appropriate) that are likely to occur as a result of the planning and design phase, including impacts relating to the choice of site alternatives.

#### Alternative S1:

##### **Direct impacts:**

##### **PHYSICAL:**

- 1. Safety aspects: The following safety aspects were taken into consideration in planning the base station:**
  - **Position & height in terms of official airports, helipads and air traffic routes as determined by SACAA. Mitigated in terms of the SACAA prescribing day & night markings.**
  - **General installation safety for the general public, owners, technicians etc.: Engineering services incorporated in the design of the mast, foundations and other design and construction safety aspects of the base station;**
  - **Base station to be surrounded with a 2.4m high galvanised steel palisade fence to prevent unauthorised access to the base station area and mast.**
- 2. Visual impact: Evaluation of structure type, height & position, taking into consideration the purpose and objective of the planned activity in terms of mobile telecommunication coverage area and quality of coverage. New**

base station with 54m lattice telecommunication mast painted red and white selected as most appropriate based on:

- Investigation of sharing existing infrastructure: No existing facility or infrastructure within range that can fulfil the required capacity in terms of the coverage objectives.
- 54m height required to achieve maximum coverage objectives in the specific environment and therefore reducing the need for additional base stations to achieve/maintain the same coverage within the coverage target area;
- Facility sharing capacity incorporated in design to make provision for and promote the sharing of infrastructure in order to prevent the proliferation of masts;
- Lattice type structure most suitable to fulfil the coverage objectives of the base station due to the coverage range required and the high flexibility of utilising the mast height for varying antennae installation configurations due to the specific characteristics of the area;
- Lattice design mast painted red & white provides maximum mitigation with maximum visibility from the air to prevent aircraft accidents (day & night markings prescribed by the SACAA for masts above 45m height). Red & white lattice mast provides low mitigation of the visual impact on the short range viewpoints from the ground due to the high visibility of the colour of the mast and the technical appearance of the mast structure. The population density of the area is low and therefore this impact is of very low significance. Red & white lattice mast provides high mitigation of the medium to long range visual impact from the ground due to the blending capability of the more transparent type mast against the sky background, but not maximum mitigation due to the red and white colour of the mast being visible over a longer distance.
- 2.4m high galvanised steel palisade fence to provide maximum mitigation of the short to long range visual impact of the telecommunication base station due to the blending capability with the surrounding environment and against the sky background.

#### **BIOLOGICAL:**

The vegetation of the study area is lightly disturbed by agriculture and other human activities. No tall trees will be removed from the study area. Approximately 100m<sup>2</sup> of natural grassland with scattered aliens will be removed for the development of the mast.

#### **SOCIO-ECONOMIC:**

Site position has been determined based on the requirement to deliver mobile telecommunication signal coverage and availability within the target area enabling the residents, business entities and the general public within the area to select and maintain quality telecommunication services and connectivity via the MTN mobile telecommunication network. MTN (Pty) Ltd is obliged to fulfil their licence terms and conditions, as determined by government, in providing mobile telephony and related services on a reliable national network grid.

#### ***Indirect impacts:***

The property coverage and development potential has been taken into consideration in selecting the position of the activity. The exact position of the activity on the property was determined, in consultation with the property owner, to minimise the possible impact on existing operations and future development plans or phases. Therefore the commercial value of the property is maintained.

Electricity will be supplied from the existing electricity grid. Minimum usage due to economical and energy efficient design.

**Cumulative impacts:**

No cumulative impacts relating to the design and planning phases are applicable.

Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

**Alternative S1**

1. Prescribed SACAA day and night markings.
2. Transparent lattice type mast painted red and white.
3. Galvanised steel palisade fence enclosure.
4. Provision for infrastructure sharing.

List the potential activity/technology alternative related impacts (as appropriate) that are likely to occur as a result of the planning and design phase:

**Alternative A1**

**Direct impacts:**

There are no activity or technology alternatives for the establishment of mobile telecommunication base stations.

**Indirect impacts:**

-

**Cumulative impacts:**

-

Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

**Alternative S1:**

There are no activity or technology alternatives for the establishment of mobile telecommunication base stations.

**No-go alternative (compulsory)**

**Direct impacts:**

Status quo.

**Indirect impacts:**

Status quo.

**Cumulative impacts:**

Status quo.

## IMPACTS THAT MAY RESULT FROM THE CONSTRUCTION PHASE

List the potential site alternative related impacts (as appropriate) that are likely to occur as a result of the construction phase:

**Alternative S1:**

**Direct impacts:**

Construction of the telecommunication base station will extend over a period of approximately 6 weeks only;

1. Increased activity and traffic at the property including material delivery and work team movements.
2. Minimum disruption of operations within the vicinity as the base station is located in an area with low activity.
3. Increased workplace accident risk due to the mere occurrence of the activity.

4. Creation of dust and disturbance of specific soil layers due to earthwork activities.
  5. Erosion and contamination of topsoil.
  6. Generation of standard building rubble & the transportation thereof to the appropriate licensed landfill site.
  7. Generation of construction noise created by earthwork machinery and other applicable tooling used for the establishment of the base station.
- Indirect impacts:**  
Additional waste at appropriately certified dumping site.
- Cumulative impacts:**  
Construction activity.

Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

**Alternative S1:**

1. & 2. Specific arrangements with property owner to minimise disruption of normal activities.
3. Implement & maintain specific construction site safety measures in accordance with the applicable clauses of the OHS Act.
4. Implement specific construction measures to prevent dust e.g. regular sprinkling bare areas with water as needed.
5. Prevent and minimise construction waste generation. Transport construction waste on a regular basis to the appropriate landfill site.
6. Store topsoil separately for appropriate landscaping distribution on completion of construction. Prevent pollution and contamination and erosion of topsoil by covering it with water proof covering when experiencing rainy or windy conditions. Service construction vehicles and machinery before construction to ensure that no oil or fuel will leak onto soil.
7. Minimise noise generation to absolute minimum. Service vehicles and machinery before start of construction to ensure proper working condition. Construction activities should not be allowed outside normal working hours or on Sundays and Public Holidays.

List the potential activity/technology alternative related impacts (as appropriate) that are likely to occur as a result of the construction phase:

**Alternative A1**

- Direct impacts:**  
There are no activity or technology alternatives for the establishment of mobile telecommunication base stations.
- Indirect impacts:**  
-
- Cumulative impacts:**  
-

Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

**Alternative A1:**

- There are no activity or technology alternatives for the establishment of mobile telecommunication base stations.

**No-go alternative (compulsory)**

- Direct impacts:**  
Status quo.
- Indirect impacts:**  
Status quo.
- Cumulative impacts:**  
Status quo.

## IMPACTS THAT MAY RESULT FROM THE OPERATIONAL PHASE

List the potential site alternative related impacts (as appropriate) that are likely to occur as a result of the operational phase:

### Alternative S1

#### *Direct impacts:*

1. Increased electricity consumption on the existing supply grid.
2. Noise generation by air conditioning units and by backup generator if electricity supply fails.
3. Non-ionised electromagnetic fields emissions on allocated frequency.
4. Increase in potential air traffic obstacles.
5. Visual impact of the 54m lattice mast painted red and white on short, medium and long distance observation.
6. Increased mobile telecommunication network capacity.

#### *Indirect impacts:*

1. Minute increase in electricity generation base material usage.
2. Increased use of quality telecommunication services with the appropriate revenue increase and potential increased economic activity and financial returns.

#### *Cumulative impacts:*

1. Increased telecommunication infrastructure availability and quality.

Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

### Alternative S1

1. Economical electricity consumption design.
2. Scheduled preventative maintenance program implementation and control.
3. Maintain level of non-ionised electromagnetic field emissions within International Commission on Non-Ionising Radiation Protection (ICNIRP) & World Health Organisation (WHO) guidelines.
4. Installation/application and maintenance of day & night markings as prescribed by SACAA to reduce potential air traffic safety impact. Civil Aviation Association application submitted. Required for all masts higher than 45m. (Refer to Appendix G5).
5. Red & white lattice mast provides low mitigation of the visual impact on the short range viewpoints due to the high visibility of the colour of the mast and its technical appearance. The population density of the area is low and therefore this impact is of very low significance. Red & white lattice mast provides high mitigation of the medium to long range visual impact due to the blending capability of the more transparent type mast against the sky background, but not maximum due to the red and white colour of the mast being visible over a longer distance.
6. 2.4m high galvanised steel palisade fence to provide maximum mitigation of the short to long range visual impact of the telecommunication base station due to the blending capability with the surrounding environment and against the sky background.

List the potential activity/technology alternative related impacts (as appropriate) that are likely to occur as a result of the operational phase:

### Alternative A1

#### *Direct impacts:*

There are no activity or technology alternatives for the establishment of mobile telecommunication base stations.

#### *Indirect impacts:*

-

#### *Cumulative impacts:*

-

Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

**Alternative A1:**

**There are no activity or technology alternatives for the establishment of mobile telecommunication base stations.**

**No-go alternative (compulsory)**

**Direct impacts:**

**Status quo.**

**Indirect impacts:**

**Status quo.**

**Cumulative impacts:**

**Status quo.**

**IMPACTS THAT MAY RESULT FROM THE DECOMMISSIONING AND CLOSURE PHASE**

List the potential site alternative related impacts (as appropriate) that are likely to occur as a result of the decommissioning or closure phase:

**Alternative S1**

**Direct impacts:**

- 1. Establishment of new mobile telecommunication infrastructure elsewhere to fill the network coverage gap caused by decommissioning.**
- 2. Creation of waste due to decommissioning.**
- 3. Disturbed area.**

**Indirect impacts:**

**Potential waste of resources.**

**Cumulative impacts:**

**None**

Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

**Alternative S1**

- 1. Ensure planned base station fulfils planned and required network parameters i.e. prevent decommissioning.**
- 2. If decommissioning is required the site area must be rehabilitated to its original state.**

List the potential activity/technology alternative related impacts (as appropriate) that are likely to occur as a result of the decommissioning and closure phase:

**Alternative A1**

**There are no activity or technology alternatives for the establishment of mobile telecommunication base stations.**

**Direct impacts:**

**-**

**Indirect impacts:**

**-**

**Cumulative impacts:**

**-**

Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

**Alternative A1**

**There are no activity or technology alternatives for the establishment of mobile telecommunication base stations.**



**Direct impacts:**  
Status quo.  
**Indirect impacts:**  
Status quo.  
**Cumulative impacts:**  
Status quo.

## **ENVIRONMENTAL IMPACT STATEMENT**

Taking the assessment of potential impacts into account, please provide an environmental impact statement that summarises the impact that the proposed activity and its alternatives may have on the environment after the management and mitigation of impacts have been taken into account, with specific reference to types of impact, duration of impacts, likelihood of potential impacts actually occurring and the significance of impacts.

### **Alternative S1**

**The positive impact of the proposed activity will, taking into consideration the implementation of mitigating measures to minimise the negative impacts on the environment, have a positive overall impact.**

#### **Physical impacts:**

- 1. The planning & design of the telecommunication base station is considerate of operational and public demand needs and is done on the principle of minimising any negative impacts on the receiving environment.**
- 2. The negative impacts during the construction phase, as indicated earlier in the assessment report, are temporary and will not have a long term effect on the proposed development or immediate area. These impacts will last for a maximum of approximately 6 weeks only.**
- 3. The permanent visual impact of a lattice mast painted red and white is the most contributing negative impact of the proposed activity on the receiving environment. Red & white lattice mast provides low mitigation of the visual impact on the short range viewpoints due to the high visibility of the colour of the mast and the technical appearance of the mast structure. The population density of the area is low and therefore this impact is of very low significance. Red & white lattice mast provides high mitigation of the medium to long range visual impact due to the blending capability of the more transparent type mast against the sky background, but not maximum due to the red and white colour of the mast being visible over a longer distance.**
- 4. 2.4m high galvanised steel palisade fence to provide maximum mitigation of the short to long range visual impact of the telecommunication base station due to the blending capability with the surrounding environment and against the sky background.**
- 5. The site is designed for use by additional telecommunication service providers. This mitigation measure will possibly prevent the establishment of additional base stations by other operators within the immediate area.**

#### **BIOLOGICAL:**

**The vegetation of the study area is lightly disturbed by agriculture and other human activities. No tall trees will be removed from the study area. Approximately 100m<sup>2</sup> of natural grassland with scattered aliens will be removed for the development of the mast.**



**Socio-economic impacts:**

The local electricity supply grid can accommodate the additional load required by the base station. The base station design requires a 3-phase electricity supply at a maximum demand of 80A.

No other feasible for the objective of the proposed mast exists. Motivation for exemption from assessing alternatives attached as *Appendix G6*.

8. ANY INPUTS AND RECOMMENDATIONS MADE BY SPECIALISTS TO THE EXTENT THAT MAY BE NECESSARY – IN TERMS OF *Regulation 22 sub-regulation 2 (k) of the EIA Regulations, 2010* - Not in the scope of this application
9. THE EMPR IS ATTACHED AS APPENDIX F - IN TERMS OF *Regulation 22 sub-regulation 2 (l) of the EIA Regulations, 2010*
10. ASSUMPTIONS, UNCERTAINTIES AND GAPS IN KNOWLEDGE – IN TERMS OF *Regulation 22 sub-regulation 2 (m) of the EIA Regulations, 2010*

The information in this report is sufficient for the purposes of providing the department with sufficient information to make an informed decision to grant approval or not.

The nature of an impact study is always based on predicting the impacts of a proposed activity / development based on knowledge that can be substantiated and where there are gaps in knowledge, there are uncertainties and assumptions are also made.

There are no significant gaps in knowledge in this impact study. The only uncertainty due to a gap in knowledge in this impact study includes the health effects of non-ionised electromagnetic fields with power density < 10W/m<sup>2</sup> emitted from telecommunication antennae, but not the listed activity i.e. the mast. The EAP is not aware of any authenticated studies existing currently and therefore we refer to the Department of Health Guidelines based on the International Commission on Non-Ionising Radiation Protection (ICNIRP) and the World Health Organisation (WHO) guidelines. According to these guidelines the non-ionised electromagnetic fields emitted by antennae mounted on telecommunication masts are well below the recommended level and is therefore improbable to have harmful effects on the health of human beings.

11. A REASONED OPINION AS TO WHETHER THE ACTIVITY SHOULD OR SHOULD NOT BE AUTHORISED, AND IF THE OPINION IS THAT IT SHOULD BE AUTHORISED, ANY CONDITIONS THAT SHOULD BE MADE IN RESPECT OF THAT AUTHORISATION – IN TERMS OF *Regulation 22 sub-regulation 2 (n) of the EIA Regulations, 2010*

The Environmental Assessment Practitioner is of the opinion that the activity may be authorised due to:

- Should the activity not be authorised it will result in an incomplete network hampering and restricting communication quality and quantity on the

**network.**

- **The negative impacts on the surrounding environment are not significant.**

Recommended conditions, including mitigation measures that should be considered for inclusion in any authorisation that may be granted by the competent authority in respect of the application:

1. **Telecommunication base station with a 54m lattice mast *painted red and white (Alternative 1)* to be established on the Alternative 1 proposed position indicated on attached plans.**
2. **Measures to be implemented for the duration of the construction period to prevent unauthorised access to the construction site.**
3. **Dust suppression measures to be implemented during earthworks.**
4. **Construction only to take place within normal daytime working hours.**
5. **The contractor must provide chemical toilets during the construction phase.**
6. **Telecommunication base station to be enclosed with a 2.4m high galvanised steel palisade fence.**
7. **Required electricity connection point to be established in consultation with the property owner and electricity supplier.**
8. **Topsoil to be stored separately for appropriate landscaping distribution on completion of construction.**
9. **All the prevention and mitigation measures described in this report and in the EMPR must be implemented and monitored.**

12. Any representations, and comments received in connection with the application or the basic assessment report;	<b><i>Refer to Appendix E</i></b>
13. The minutes of any meetings held by the EAP with interested and affected parties and other role players which record the views of the participants;	<b>No meeting was held during the public participation process.</b>
14. Any responses by the EAP to those representations, comments and views;	<b><i>Refer to Appendix E</i></b>
15. Any specific information required by the competent authority; and	<b>The EAP received no request for specific information from the department.</b>
16. Any other matters required in terms of sections 24(4)(a) and (b) of the Act.	<b>No other matters required to the EAP's knowledge.</b>

**SECTION E: CONSULTATION WITH OTHER STATE DEPARTMENTS – IN TERMS OF Regulation 22 sub-regulation 2 (f) (iii) of the EIA Regulations, 2010**

Provide a list of all State Departments / Organs of State that have been consulted and registered as interested and affected parties, and to whom draft reports have been submitted for comment. **Proof of submission / delivery of the draft report to all State Department / Organs of State must be attached to this document.**

<b>Department:</b>	<b>Albert Luthuli Local Municipality, Environmental Management Section</b>		
<b>Contact person:</b>	<b>Mr. Vusumuzi Nelson Mpila</b>		
<b>Postal address:</b>	<b>P.O.Box 24, Carolina / Private Bag X719, Carolina</b>		
<b>Postal code:</b>	<b>1185</b>	<b>Cell:</b>	<b>-</b>
<b>Telephone:</b>	<b>017 843 4000</b>	<b>Fax:</b>	<b>017 843 4001</b>
<b>E-mail:</b>	<b>mm@albertluthuli.gov.za</b>		

<b>Department:</b>	<b>Gert Sibande District Municipality</b>		
<b>Contact person:</b>	<b>Mr. M.A. Ngcobo</b>		
<b>Postal address:</b>	<b>PO Box 1748, Ermelo</b>		
<b>Postal code:</b>	<b>2350</b>	<b>Cell:</b>	<b>-</b>
<b>Telephone:</b>	<b>-</b>	<b>Fax:</b>	<b>(017) 631 1607</b>
<b>E-mail:</b>	<b>-</b>		

<b>Department:</b>	<b>South African Heritage Resources Agency</b>		
<b>Contact person:</b>	<b>Dumisani Sibayi / Phillip Hine</b>		
<b>Postal address:</b>	<b>P O Box 4637, Cape Town</b>		
<b>Postal code:</b>	<b>8000</b>	<b>Cell:</b>	<b>-</b>
<b>Telephone:</b>	<b>(021) 462 4502</b>	<b>Fax:</b>	<b>(021) 462 4509</b>
<b>E-mail:</b>	<b>dsibayi@sahra.org.za / phine@sahra.org.za</b>		

<b>Department:</b>	<b>Mpumalanga Tourism and Parks Agency</b>		
<b>Contact person:</b>	<b>Ms. Kholofelo</b>		
<b>Postal address:</b>	<b>Private Bag X11338, Nelspruit</b>		
<b>Postal code:</b>	<b>1200</b>	<b>Cell:</b>	<b>-</b>
<b>Telephone:</b>	<b>(013) 759 5445</b>	<b>Fax:</b>	<b>(013) 755 4014</b>
<b>E-mail:</b>	<b>kholo@mtpa.co.za</b>		

## **SECTION F: APPENDICES**

The following appendices must be attached to the basic assessment report as appropriate:

Appendix A: Site plan(s) – **IN TERMS OF Regulation 22 sub-regulation 2 (c) of the EIA Regulations, 2010**

Appendix B: Photographs – **IN TERMS OF Regulation 22 sub-regulation 2 (c) of the EIA Regulations, 2010**

Appendix C: Facility illustration(s) – **IN TERMS OF Regulation 22 sub-regulation 2 (c) of the EIA Regulations, 2010**

Appendix D: Specialist reports – **IN TERMS OF Regulation 22 sub-regulation 2 (k) of the EIA Regulations, 2010 – No specialist input required**

Appendix E: Comments and Response Report – **IN TERMS OF Regulation 22 sub-regulation 2 (f) (iv) and 2 (o) and (q) of the EIA Regulations, 2010**

Appendix F: Environmental Management Programme (EMPR) – **IN TERMS OF Regulation 22 sub-regulation 2 (l) of the EIA Regulations, 2010**

Appendix G: Other information

G1: Public Participation – **IN TERMS OF Regulation 22 sub-regulation 2 (f) of the EIA Regulations, 2010**

G1 – Public Participation – Proof of Site Notices

G2 – Public Participation – Proof of Written Notices

G3 – Public Participation – Proof of Newspaper Notice

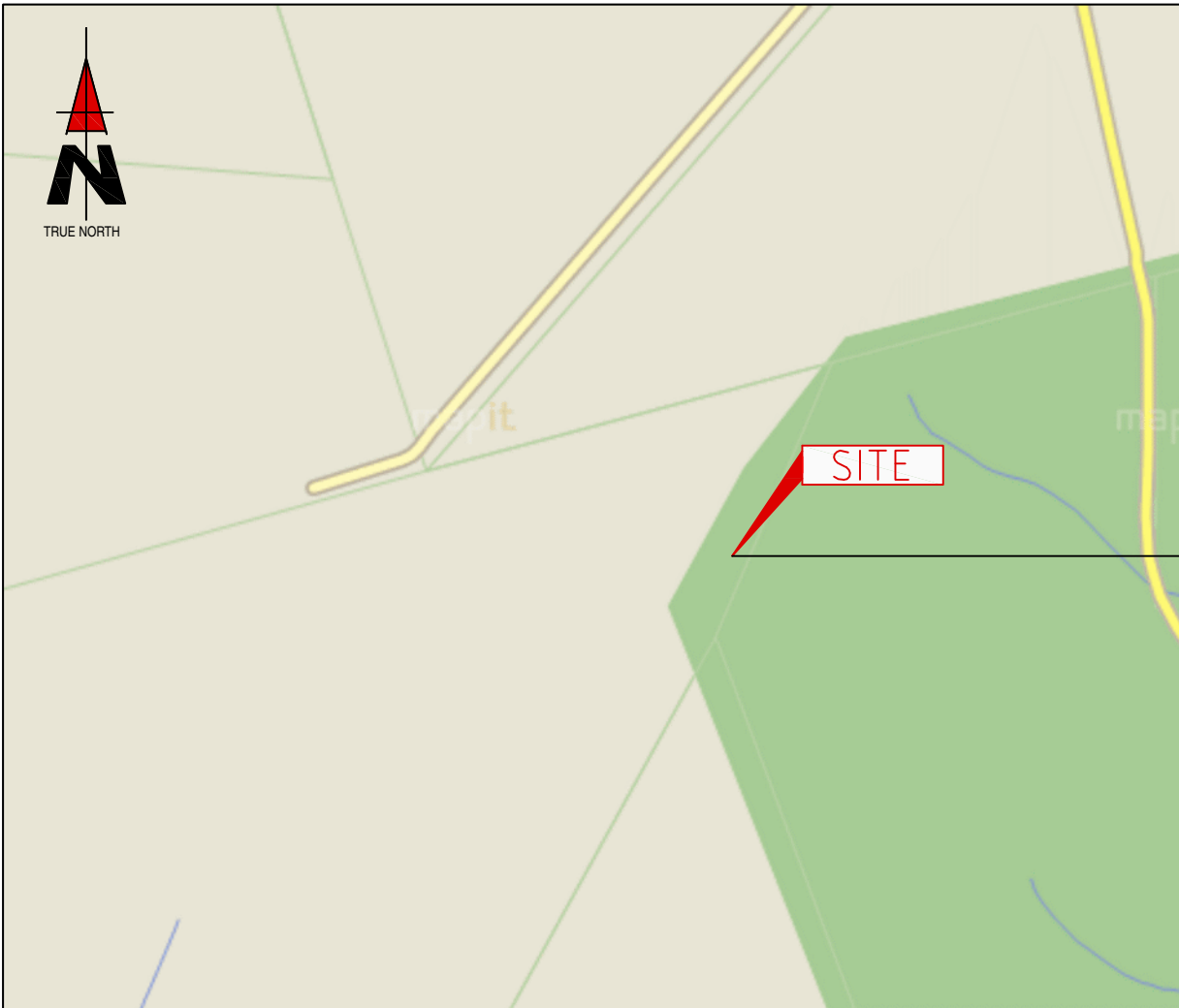
G4 – Public Participation – Register of I&APs

G5 – Civil Aviation Information

G6 – Motivation for exemption from assessing reasonable or feasible alternatives, as contemplated in subregulation 22 (2) (h) - **IN TERMS OF Regulation 22 sub-regulation 4 of the EIA Regulations, 2010**

G7 – General

## **Appendix A: Site Plans**



T9534  
WITKLOOF



1267 Pretorius Street  
Block B, Hadevelds Complex  
Hatfield, 0083  
Tel. +27 (12) 342 2900  
Fax: +27 (12) 342 9208  
Postnet Suite 146  
Private Bag X15  
Menlo Park

SITE NAME: **WITKLOOF**

BASE STATION NUMBER: **T9534**

REV	DATE	BY	DESCRIPTION
A	19/03/2012	RG	FIRST ISSUE

NOTES:  
OWNER 1 : VENTER GERT DIEDRIK JOHANNES  
OWNER 2 : VENTER ANGELIKA

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:  
PORTION 15 OF THE FARM WITKLOOF 408 JT

COORDINATES:  
LAT : 25° 56' 00.60" S  
LONG : 30° 03' 26.70" E

PROJECT:  
NEW 9x9m TELECOMMUNICATION BASESTATION WITH A  
54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:  
THE FARM WITKLOOF 408 JT,  
OFF THE R33,  
NOOITGEDACHT DAM NATURE RESERVE  
MPUMALANGA



414 Rustic Road  
Silvertondale  
0184  
Tel. +27 (12) 804 1504/6  
Fax: +27 (12) 804 7072  
admin@infraplan.co.za  
P.O. Box 32017  
Totiusdal  
0134

RFQ NO.:  
162070

PROJECT NUMBER:  
127452

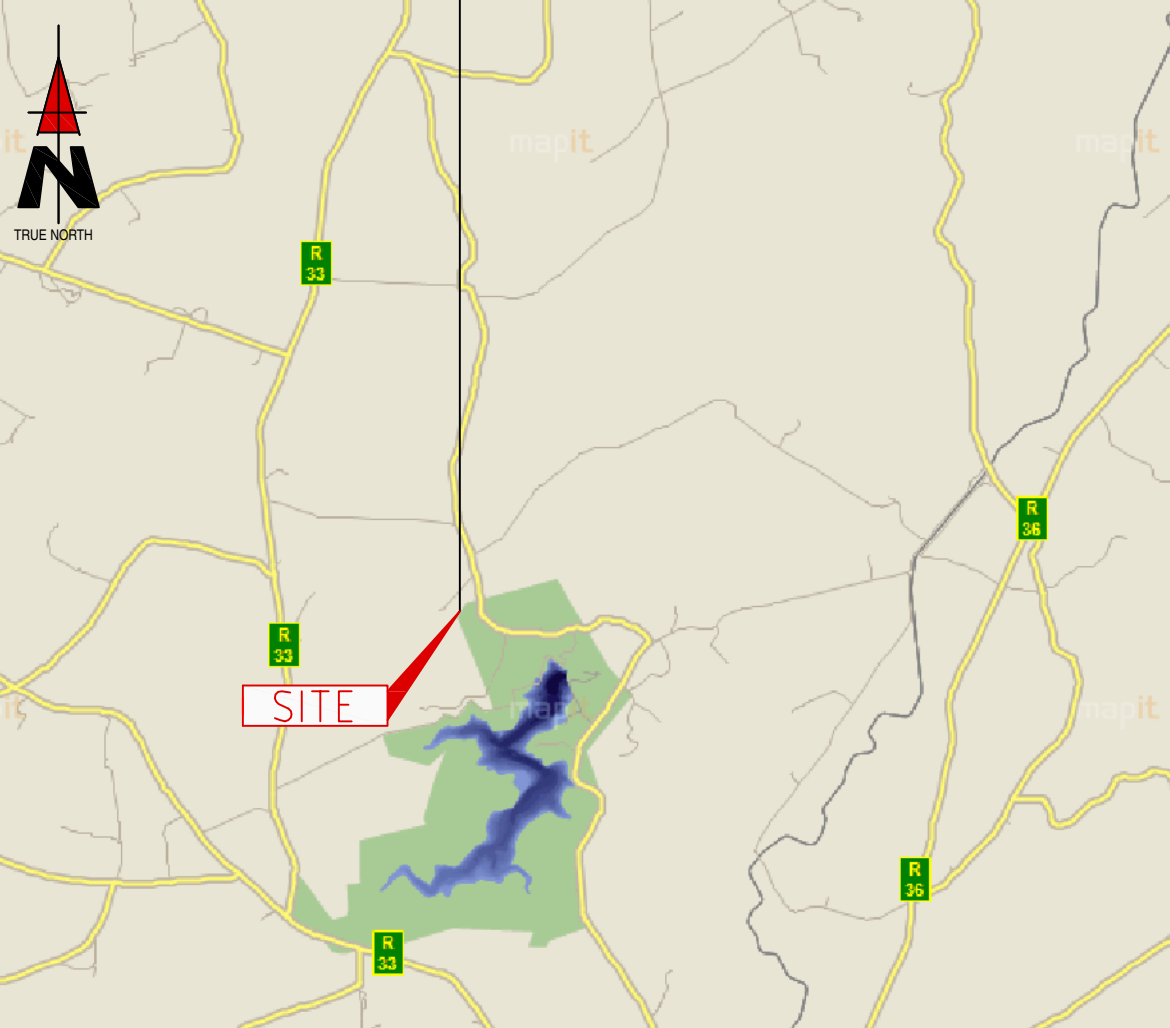
DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE  
USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT  
OF WORK.

ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE  
INFRASTRUCTURE SPECIFICATION RI/01/1001  
ISSUE 1 REVISION 0 NOVEMBER 2007

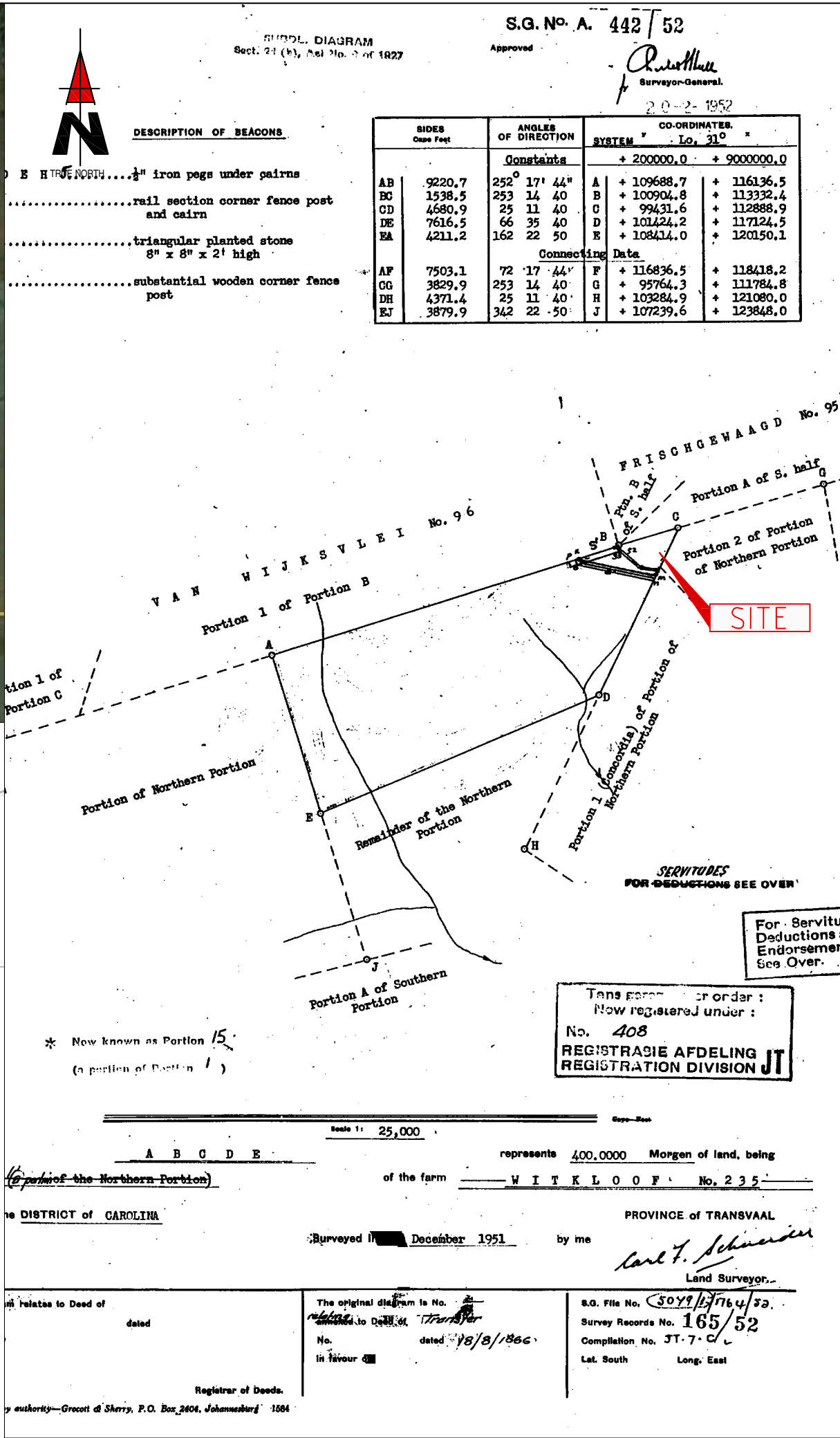
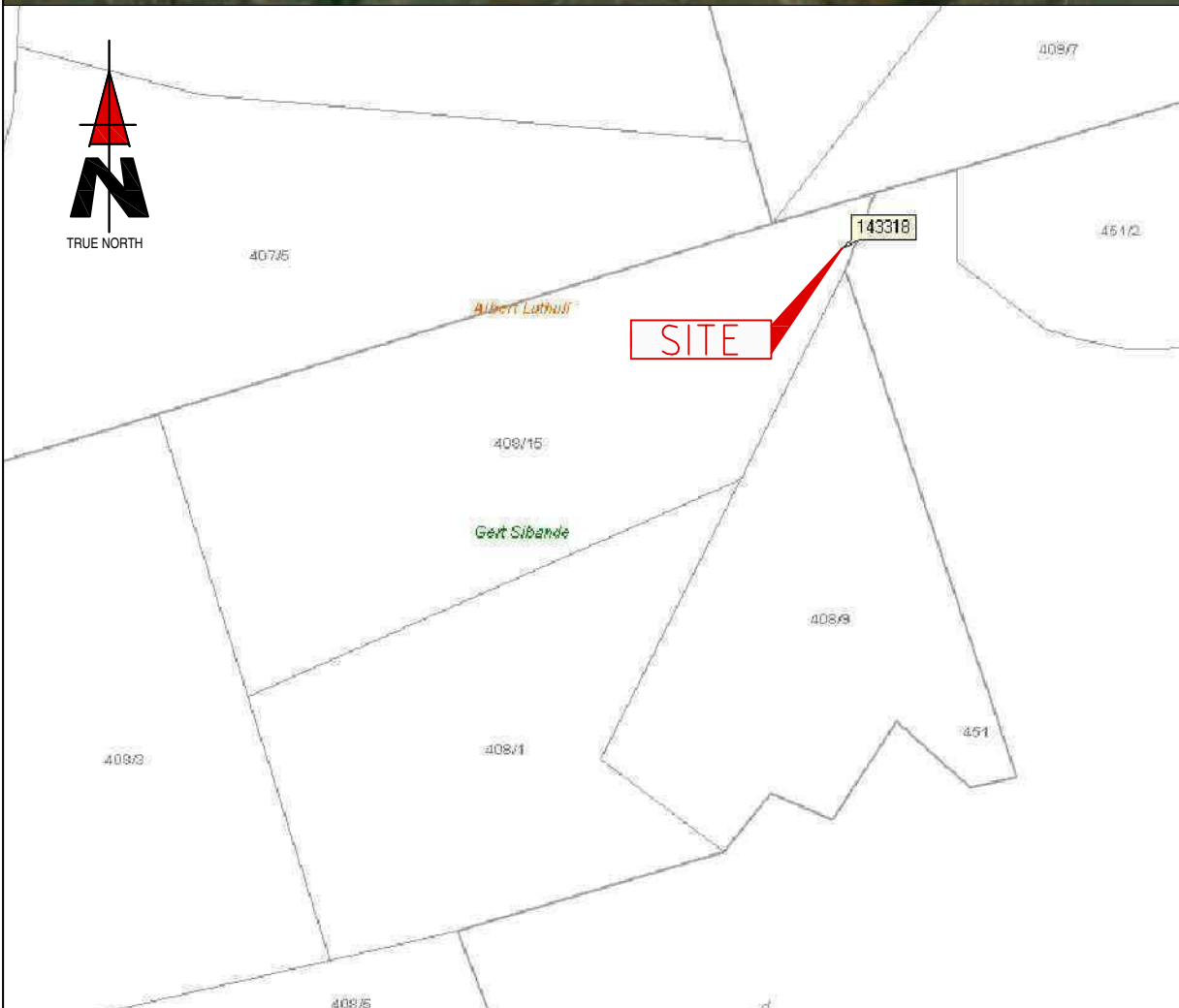
DRAWN: R GELDENHUYS      DATE: 19/03/2012

SCALE : NTS      REF. NO: 812/T9534

LOCALITY MAP  
SHEET 1 OF 9







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NOOITGEDACHT DAM NATURE RESERVE  
MPUMALANGA

For Servitudes  
Deductions and  
Endorsements  
See Over.

Transferred in order:  
Now registered under:  
No. **408**  
**REGISTRASIE AFDELING**  
**REGISTRATION DIVISION JT**



414 Rustic Road  
Silvertondale  
0184

Tel. +27 (12) 804 1504/6  
Fax: +27 (12) 804 7072  
admin@infraplan.co.za

P.O. Box 32017  
Totiusdal  
0134

RFQ NO.: 162070

PROJECT NUMBER: 127452

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CADASTRAL INFO  
SHEET 2 OF 9



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RFQ NO.:  
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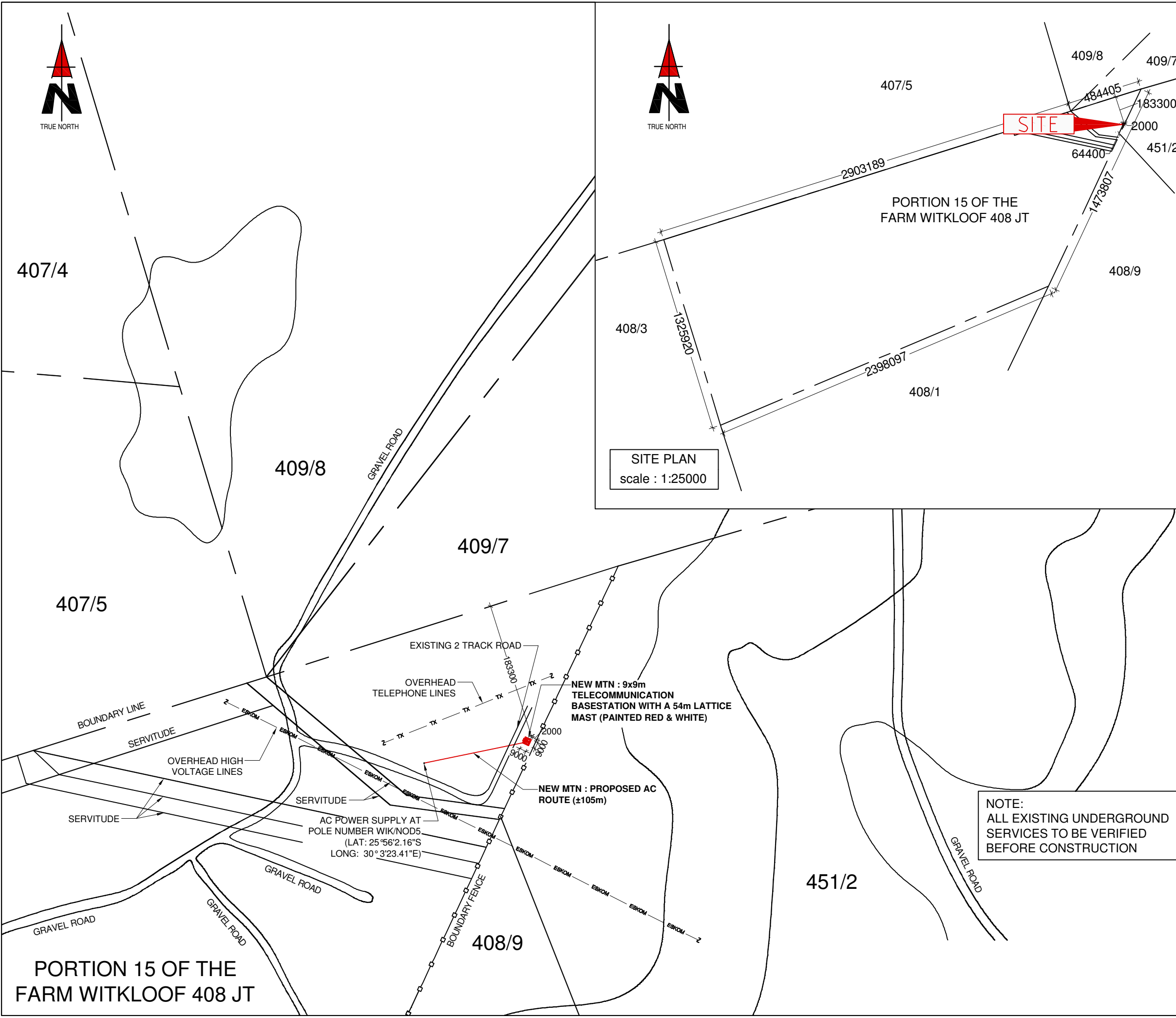
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DRAWN: R GELDENHUYS DATE: 19/03/2012

SCALE : 1:5000 REF. NO: 812/T9534

SITE DEVELOPMENT PLAN  
SHEET 3 OF 9



SITE PLAN  
scale : 1:25000

NOTE:  
ALL EXISTING UNDERGROUND  
SERVICES TO BE VERIFIED  
BEFORE CONSTRUCTION

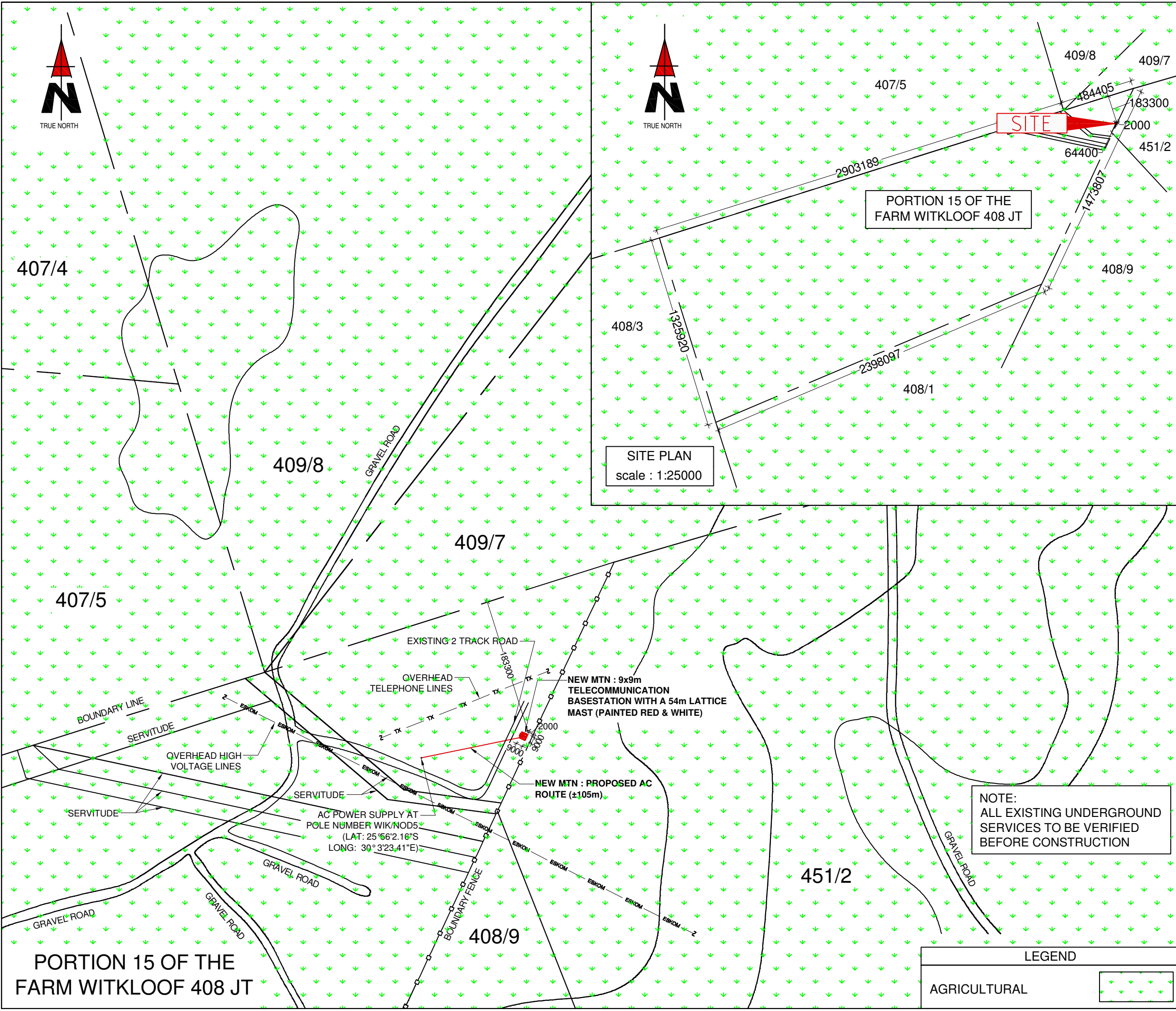
PORTION 15 OF THE  
FARM WITKLOOF 408 JT

NEW MTN : 9x9m  
TELECOMMUNICATION  
BASESTATION WITH A 54m LATTICE  
MAST (PAINTED RED & WHITE)

NEW MTN : PROPOSED AC  
ROUTE (±105m)

AC POWER SUPPLY AT  
POLE NUMBER WIK/NOD5  
(LAT: 25°56'2.16"S  
LONG: 30°3'23.41"E)





**SITE PLAN**  
scale : 1:25000

**SITE**

PORTION 15 OF THE  
FARM WITKLOOF 408 JT

PORTION 15 OF THE  
FARM WITKLOOF 408 JT

**NOTE:**  
ALL EXISTING UNDERGROUND  
SERVICES TO BE VERIFIED  
BEFORE CONSTRUCTION

LEGEND	
AGRICULTURAL	



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Menlo Park

**SITE NAME:** WITKLOOF

**BASE STATION NUMBER:** T9534

REV	DATE	BY	DESCRIPTION
A	19/03/2012	RG	FIRST ISSUE

**NOTES:**  
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NOOITGEDACHT DAM NATURE RESERVE  
MPUMALANGA



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0184  
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Fax: +27 (12) 804 7072  
admin@infraplan.co.za  
P.O. Box 32017  
Totiusdal  
0134

**RFQ NO.:** 162070

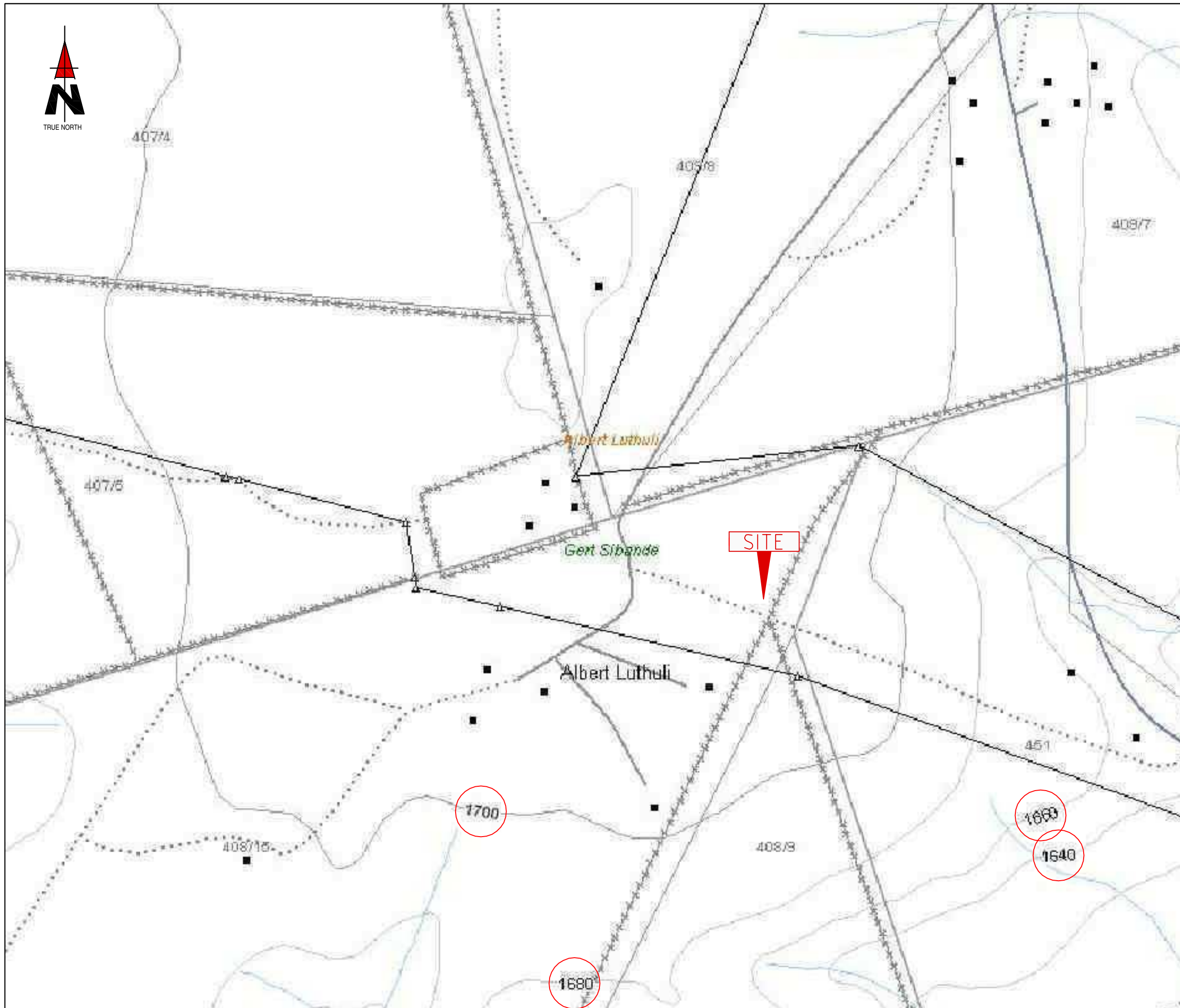
**PROJECT NUMBER:** 127452

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**DRAWN:** R GELDENHUYS **DATE:** 19/03/2012

**SCALE:** 1:5000 **REF. NO:** 812/T9534

**CURRENT LAND USE**  
SHEET 4 OF 9



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Postnet Suite 146  
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Menlo Park

SITE NAME: **WITKLOOF**

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STRICTLY COMPANY CONFIDENTIAL

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admin@infraplan.co.za

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162072

PROJECT NUMBER:  
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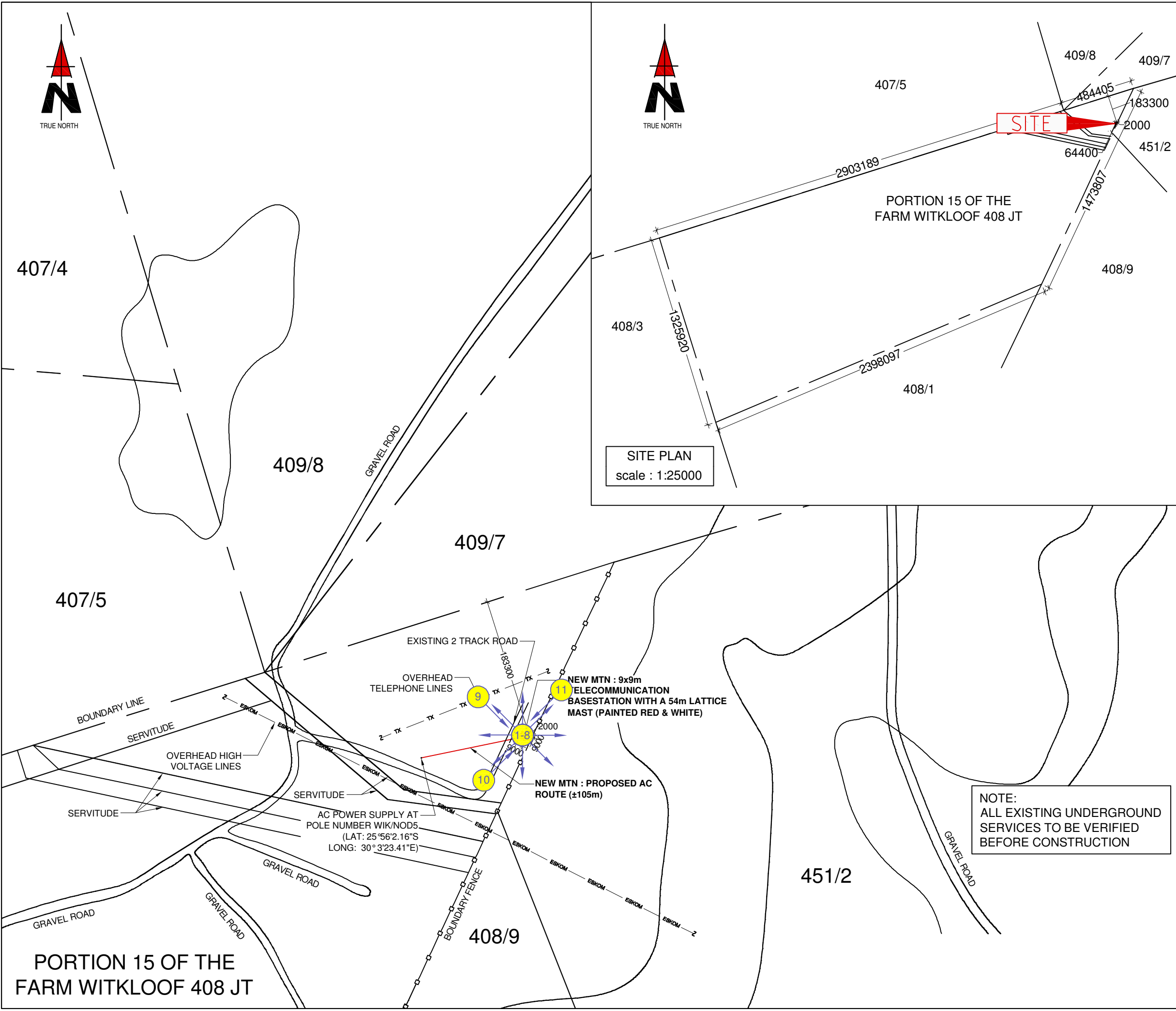
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CONTOUR INTERVAL  
SHEET 5 OF 9

## **Appendix B: Site Photographs**





SITE PLAN  
scale : 1:25000

NOTE:  
ALL EXISTING UNDERGROUND  
SERVICES TO BE VERIFIED  
BEFORE CONSTRUCTION



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Tel. +27 (12) 342 2900  
Fax: +27 (12) 342 9208  
Postnet Suite 146  
Private Bag X15  
Menlo Park

SITE NAME: **WITKLOOF**

BASE STATION NUMBER: **T9534**

REV	DATE	BY	DESCRIPTION
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MPUMALANGA



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0184  
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admin@infraplan.co.za  
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0134

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PROJECT NUMBER:  
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DRAWN: R GELDENHUYS DATE: 19/03/2012

SCALE : 1:5000 REF. NO: 812/T9534

# SITE PHOTOGRAPHS



**1. Panoramic view from the site direction North**



**2. Panoramic view from the site direction North East**

# SITE PHOTOGRAPHS



**3. Panoramic view from the site direction East**



**4. Panoramic view from the site direction South East**

# SITE PHOTOGRAPHS



5. Panoramic view from the site direction South



6. Panoramic view from the site direction South West

# SITE PHOTOGRAPHS



7. Panoramic view from the site direction West



8. Panoramic view from the site direction North West



# SITE PHOTOGRAPHS



9. View on base station position direction North-East



10. View on base station position direction South-East

# SITE PHOTOGRAPHS



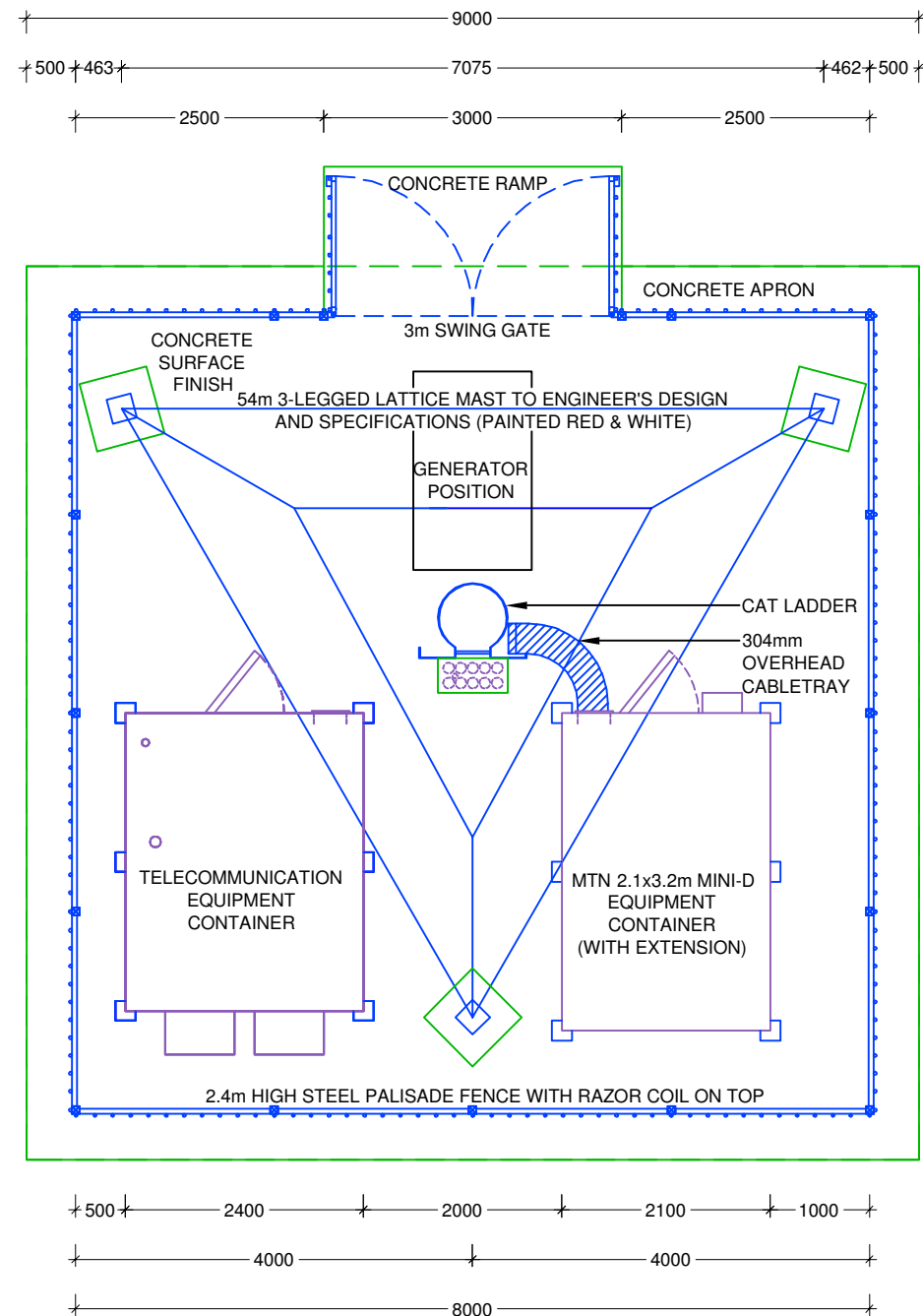
**11. View on base station position direction South-West**

# SITE PHOTOGRAPHS



12. View on base station position direction West

## **Appendix C: Facility Illustration**



**PORTION 15 OF THE FARM WITKLOOF 408 JT**

1500  
4000  
8000  
3000  
1000

500  
936  
4000  
6127  
9000  
3200  
800  
937  
500  
2000

500 2400 2000 2100 1000  
4000 4000  
8000

BOUNDARY FENCE

451/2

**NOTE:**  
ALL EXISTING UNDERGROUND SERVICES TO BE VERIFIED BEFORE CONSTRUCTION



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Hatfield, 0083  
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Postnet Suite 146  
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Menlo Park

SITE NAME: **WITKLOOF**

BASE STATION NUMBER: **T9534**

REV	DATE	BY	DESCRIPTION
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ADDRESS:  
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MPUMALANGA



414 Rustic Road  
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0184  
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P.O. Box 32017  
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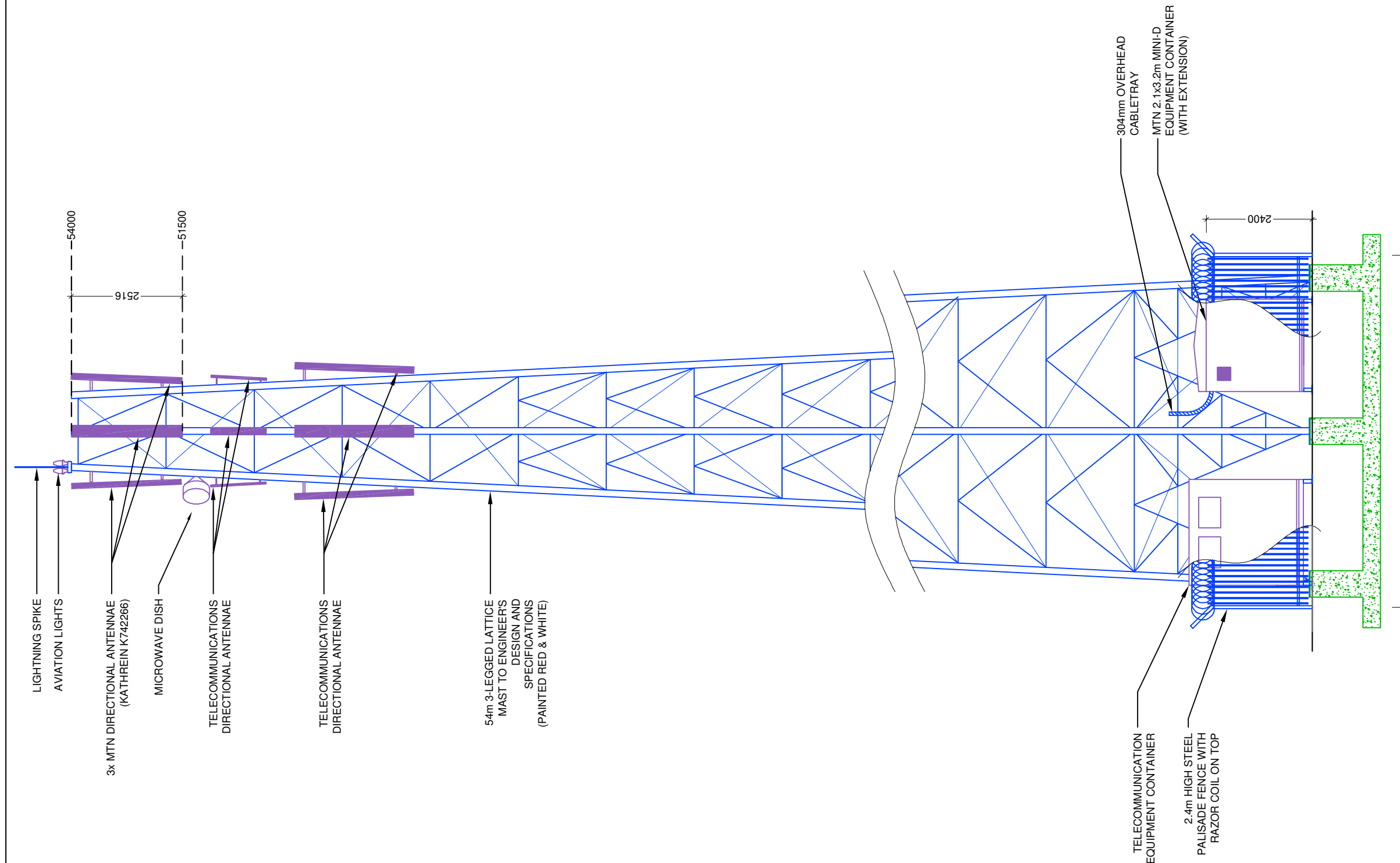
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DATE: 19/03/2012  
REF. NO: 812/T9534

SITE DETAIL  
SHEET 7 OF 9

# MTN ANTENNAE KEY

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH. TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	KATHREIN K742266	51.5			7/8"	± 56
2	120°	KATHREIN K742266	51.5			7/8"	± 56
3	240°	KATHREIN K742266	51.5			7/8"	± 56



SOUTH - EAST ELEVATION



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SCALE : NTS      REF. NO: 812/T9534

FACILITY ILLUSTRATION  
SHEET 9 OF 9



TYPICAL 3-LEGGED LATTICE MAST  
(PAINTED RED AND WHITE)



**Appendix D: Specialist Reports – Not Applicable**

**Appendix E: Comments and responses report**

## Interested & Affected Parties Register / Comments and Responses Report

Site number: T9534  
 Site Name: Witkloof  
 EIA reference no.: 17/2/3/ GS-115

Interested and Affected Parties Register							Comments and Responses Report	
No.	Date	Name	Address	Contact detail	Reacted to:	Record of initial I&AP registration	Issues raised / Comments received	EAP Response
1	28/06/2012	The Municipal Manager, Albert Luthuli Local Municipality, Mr. Vusumuzi Nelson Mpila	PO Box 24, Carolina, 1185	Tel: (017) 843 4000 Fax: (017) 843 4001 E-mail:mm@albertluthuli.gov.za	NA	Auto I&AP	No comments received	Sent Draft BAR, but no comments received.
2	28/06/2012	The Ward Councillor, Ward 21, R. R. G. Vilakazi	PO Box 24, Carolina, 1185	Tel: (017) 843 4000 Fax: (017) 843 4001 E-mail:mm@albertluthuli.gov.za	NA	Auto I&AP	No comments received	Sent Draft BAR, but no comments received.
3	28/06/2012	The Municipal Manager, Gert Sibande District Municipality, Mr. DV Ngcobo	PO Box 1748, Ermelo, 2350	Tel: 017- 801 7000 Fax: (017) 811 1207	NA	Auto I&AP	No comments received	Sent Draft BAR, but no comments received.
4	28/06/2012	South African Heritage Resources Agency (SAHRA)	PO Box 4637, Cape Town, 8000	Mr P Hine/Mrs Colette Scheermeyer, Tel: 0214624502, Fax: 0214624509, Email: phine@sahra.org.za	NA	Auto I&AP	No comments received	Sent Draft BAR, but no comments received.
5	28/06/2012	SACAA	Private Bag x73, Halfway House 1685	Tel: (011) 545 1000 Fax: (011) 545 1451	NA	Auto I&AP	No approval received yet	Submitted Application
6	28/06/2012	Mpumalanga Tourism and Parks Agency	Private Bag X11338, Nelspruit, 1200	Tel: (013) 752 3419 Fax: (013) 752 3419	NA	Auto I&AP	No comments received	Sent Draft BAR, but no comments received.
7	28/06/2012	Landowner, Venter Gert Diederik Johannes and Angelika Venter	PO Box 1354, Witbank, 1035	Cell: 082 449 2598	Lease Negotiations	Land Owner	Signed Lease	Sent Draft BAR, but no comments received.

**Appendix F: Environmental Management Program**



## **Environmental Management Plan (EMP)**

(Compiled and Submitted in terms of the National Environmental Management Act (Act 107 of 1998))

### **Mobile Telephone Networks (Pty) Ltd**

Project Reference Number:

**17/2/3/ GS-115 – T9534 Witkloof**

**July 2012**

## DOCUMENT APPRAISAL

Reference No.		Responsible Person	Signature	Date
Stage of Document	Final			
Document Compilation				
Document Review				
Document Authorisation				

**Department Reference Number: 17/2/3/ GS-115**

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## **EXECUTIVE SUMMARY**

The proponent, MTN (Pty) Ltd, intends the establishment of a telecommunication mast: T9534 Witkloof.

The Mpumalanga Department of Economic Development, Environment and Tourism requested that an Environmental Management Plan (EMP) be prepared for the proposed project, which addresses all phases of the proposed project, for submission to them [for approval]. The scope of environmental management described in this EMP pertains to the project as a whole and aims to integrate environmental planning, design, construction and operational activities on the site.

The EMP has as its basis the recommendations listed in the Basic Assessment Report. It is important to note that the project and the implementation of environmental specifications is an ongoing process that is dynamic in nature. This EMP forms part of the contractual obligation between the Contractor and the proponent, MTN (Pty) Ltd.

# 1 INTRODUCTION

## 1.1 Background and Brief Project Description

The proposed project involves the establishment of a telecommunication mast: T9534 Witkloof.

**Torbiose Solutions CC** was appointed to compile the Environmental Management Plan in respect of the proposed project.

### 1.1.1 Aims of the EMP

The purpose of the EMP is to set environmental targets for the Contractor and reasonable standards against which the Contractor's performance in this regard can be measured during construction. This document will form the basis for the environmental specifications that the Contractor is obliged to comply with during construction of the proposed project. This document will thus form a binding agreement between the Contractor and MTN (Pty) Ltd.

The EMP addresses issues in order to ensure that all environmental aspects are carefully considered and monitored and adverse impacts managed. It is important to note that the development and implementation of environmental specifications is ongoing and the EMP is typically dynamic in nature.

### 1.1.2 Contents of the EMP

The EMP consists of the following sections:

**Chapter 1: Introduction:** This section includes the project background, aims of this EMP and describes the contents of this EMP.

**Chapter 2: Administration and regulation of environmental obligations:** This section identifies the proposed mechanisms for monitoring compliance with the EMP and reporting thereof.

**Chapter 3: Environmental Specifications: Construction Phase:** This section includes environmental specifications relating to the construction phase of the project.

**Chapter 4: Environmental Specifications: Operational Phase:** This section includes environmental specifications relating to the operational phase of the project.

**Chapter 5: Environmental Specifications: Decommissioning Phase:** This section includes environmental specifications relating to the decommissioning of the site.

**Chapter 6: Emergency Response Plan:** This section provides a summary of responses to emergency situations

## **2 ADMINISTRATION AND REGULATION OF ENVIRONMENTAL OBLIGATIONS**

### **2.1 Environmental Site Agent**

The Environmental Site Agent (ESA) is the person, appointed by the Contractor on behalf of the Applicant or the Environmental Consultant appointed on behalf of the Applicant, involved with the project and all projects within the operational region of the Contractor and who is responsible for the implementation of the environmental management plan. This person is therefore responsible for the environmental issues involved with the construction phase of the project. The ESA will be required to oversee a number of sites at any given time and is required to manage his/her time effectively to ensure that he/she fulfils his/her environmental obligations in respect of all sites.

The ESA must be a person with adequate environmental knowledge to understand and implement this management plan. It is required that the ESA reports to the Applicant (MTN (Pty) Ltd) irrespective of who appointed the ESA. The ESA has the authority to stop works if in his/her opinion there is a serious threat to or impact on the environment, caused directly from the construction operations. This authority is to be limited to emergency situations where consultation with the HOD Implementation and/or Property Supervisor and/or National Property Manager is not immediately available. In all such work stoppage situations, the ESA is to inform the HOD Implementation and/or Property Supervisor and/or National Property Manager of the reasons for the stoppage as soon as possible thereafter.

Upon failure by the Contractor and/or his employees to show adequate consideration to the environmental aspects of this EMP, the ESA may recommend the suspension of works pending an investigation by the HOD Implementation and/or Property Supervisor and/or National Property Manager.

### **2.2 Environmental Awareness Training for Site Personnel**

All Contractor teams involved in work on the project are to be briefed on their obligations towards environmental controls and methodologies in terms of this EMP prior to the commencement of work. The briefing will take the form of an on site talk, when an RFQ (Request for Quotation) site survey is set up, and shall be demonstrated by the ESA. The education / awareness programme should be aimed at all levels of employees within the Contractor team. (See "Do's and Don'ts" summary sheet).

## **2.3 On Site Communication Procedure**

### **2.3.1 Environmental Awareness Training for Site Personnel**

The Site Instruction book entries will be used for the recording of general site instructions as they relate to the work taking place on site. It will also be used for the issuing of stop work orders for the purposes of immediately halting any particular activities of the Contractor in lieu of the environmental risk that they may pose.

### **2.3.2 Record Keeping**

All records relating to the implementation of this EMP must be kept on site; on the MTN Operating System and archived at an adequate archive facility where it is safe and can be retrieved easily. These records should be kept for two years and should at any time be available for scrutiny by any relevant authorities.

### **2.3.3 Photographs**

It is recommended that photographs are taken on the site prior to, during and immediately after construction as a visual reference. These photographs should be stored with other records related to this EMP and on the MTN Operating System. If captured in digital format, hard copies must be kept with all other records relevant to the implementation of this EMP. In particular, the Contractor and ESA are responsible for taking photographs of the environmental aspects of environmentally sensitive areas for use in rehabilitation processes.

### **2.3.4 Environmental Audit Report**

An Environmental Audit Report is a report completed by the ESA and signed off by the HOD Implementation and/or the Property Supervisor and/or National Property Manager, and then sent to the relevant authorities, by the ESA, stating the completion of the project and compliance with the EMP and conditions.

## **2.4 Basic Rules of Conduct**

The following list represents the basic “Do’s and Dont’s” towards environmental awareness, which all participants in this project must consider whilst carrying out their tasks and duties. These are not exhaustive and serve as a quick reference aid. NOTE: **All new site personnel must attend an**

**environmental awareness presentation.** Please inform your foreman or manager if you have not attended such a presentation alternatively contact the ESA.

**DO:**

- ✓ Use the toilet facilities provided – report dirty or full facilities;
- ✓ Clear your work areas of litter and building rubbish at the end of each day – use the waste bins provided and ensure that litter will not blow away;
- ✓ Report all fuel or oil spills immediately and stop the spill continuing;
- ✓ Dispose of cigarettes and matches carefully. (Littering is an offence);
- ✓ Confine work and storage of equipment to the immediate work area and within the site boundary;
- ✓ Where possible use a drip tray under vehicles and machinery and empty drip trays after rain and throw away where instructed;
- ✓ Use all safety equipment and comply with all safety procedures;
- ✓ Ensure a working fire extinguisher is immediately at hand if any “HOT WORK” is undertaken e.g. welding, grinding, gas cutting etc;
- ✓ Try to avoid producing dust – wet dry ground and soil;

**DONT:**

- \* Make any fires;
- \* Enter any fenced off or marked area;
- \* Allow cement or cement bags to blow around;
- \* Allow waste, litter, oils or foreign materials into the stormwater channels;
- \* Litter or leave food laying around;
- \* Make loud noises around the site. Report or repair noisy vehicles
- \* Damage or cut down any trees or plants without permission.

## **2.5 Internal Review and Auditing**

The Contractor and ESA shall establish an internal review procedure to monitor the progress and implementation of the EMP during the construction phase. All audits will be signed off by the HOD Implementation and/or Property Supervisor and/or National Property Manager.

Where necessary, and upon the recommendation of the ESA and/or the Contractor, procedures that require modification will be changed to improve the efficiency of the EMP. All modifications to the EMP shall be approved by the Department before; if possible, any changes or adjustments to the EMP are implemented. Any material changes or adjustments to the EMP shall be registered accordingly on MTN's operating system.. Adjustment and update of the original EMP document is not required when these *ad hoc* changes are made.

At the conclusion of the project an environmental audit report shall be compiled by the ESA, and signed off by HOD Implementation and/or Property Supervisor and/or National Property Manager and submitted to the Department by the ESA. This report shall be compiled by the ESA, in collaboration with the Contractor and/or the Environmental Consultant and/or the Applicant.. It shall, as a minimum, outline the implementation of the EMP during the construction phase, and highlight any problems and issues that arose during the construction period to report, on a formal basis, the lessons learnt from this project.



### **3 ENVIRONMENTAL SPECIFICATIONS: CONSTRUCTION PHASE**

#### **3.1 Site Demarcation**

The “site” refers to the total area where the contract will take place and any other area reasonably required by the Contractor to undertake the construction activities in order to fulfil the contract. Areas where construction is prohibited are referred to as ‘no-go’ areas. ‘No-go’ areas identified on site include all areas outside of the footprint of the base station as well as environmentally sensitive sites. The environmental sensitivity of the area should be ascertained and then the position and orientation of the BTS site as per the approved drawings should be pegged out. ‘No-go’ areas should be demarcated to prevent environmental degradation thereto. This responsibility rests with the ESA and/or the Contractor.

The Contractor shall be responsible for any clean-up and/or rehabilitation of all areas impacted outside the site and within the ‘no-go’ areas.

#### **3.2 Construction Facilities**

##### **3.2.1 Construction Camp**

Construction crews may not stay on site overnight unless special permission has been obtained from the landowner. In the event that the landowner has given such permission, the position of the construction camp shall be agreed by the ESA and Contractor.

##### **3.2.2 Toilet Facilities**

The Contractor shall provide suitable sanitary arrangements (chemical toilets), which shall be located within the construction camp and/or in the construction footprint (where applicable) of the BTS. The siting of toilets shall be done in consultation with the ESA to ensure ease of access. Where required, toilet/s shall be secured to prevent them blowing over.

The Contractor shall be responsible for ensuring that all ablution facilities are maintained in a clean and sanitary condition to the satisfaction of the ESA. The Contractor shall provide toilet paper. The Contractor shall appoint a suitable sub-contractor to empty toilets on a regular basis. The sub-contractor and Contractor shall ensure that there is no spillage when the chemical toilets are cleaned and that the contents are properly removed from site.

The Contractor shall be responsible for enforcing the use of these facilities. Performing ablutions outside of established toilet facilities is strictly prohibited.

### **3.2.3 Water Provision**

The Contractor shall be responsible for ensuring that there is access to clean drinking water for all employees on site. The use of water in rivers, dams, ponds etc. as drinking water is strictly forbidden.

### **3.2.4 General Aesthetics**

All construction areas must be kept neat and tidy at all times. Different materials and equipment must be kept in designated areas and storing/stockpiling shall be kept orderly.

## **3.3 Site Clearing**

### **3.3.1 Vegetation Clearing**

Before clearing of vegetation, the Contractor shall ensure that all litter and non-organic material is removed from the area to be cleaned. All vegetation that may not be removed must be clearly identified and demarcated. Where the surrounding flora is required to be protected from traffic, the entire construction area should be fenced off with a temporary 1.8m fence. The fence should be removed upon completion of construction. This responsibility rests with the Contractor and the ESA. The use of herbicides is prohibited.

### **3.3.2 Site Access**

All access to and from the BTS shall be on demarcated roads (where possible). The route for permanent access to the site shall be determined prior to construction, and shall be pegged out accordingly. Photographs shall be taken indicating the route detail. Rehabilitation of secondary roads must be conducted by the Contractor. No machinery may disturb any vegetation along side any road.

### **3.3.3 Trenching**

All trenching must be completed in such a manner as to limit damage to the surrounding environment. If required in the authorisation, trenching is to be done by hand.

## **3.4 Materials Handling and Storage**

### **3.4.1 Handling**

The Contractor shall ensure that all suppliers and their delivery drivers are aware of procedures and restrictions in terms of this EMP. The Contractor (and suppliers) shall ensure that all materials are appropriately secured to ensure safe passage between destinations. Loads shall have appropriate cover to prevent spillage from the vehicle during transit. The Contractor shall be responsible for any clean-up resulting from the failure by his employees or suppliers to properly secure transported materials. The Contractor shall ensure that delivery drivers are supervised during offloading.

### **3.4.2 Storage of Construction Materials**

The Contractor shall ensure that areas for storage of construction materials are determined in consultation with the ESA and adequately demarcated. All construction materials including but not limited to building material shall be stored on such demarcated areas.

### **3.4.3 Storage of Equipment**

Drip trays shall be provided for stationary plant (such as compressors, pumps, generators etc.) and for "parked" plant (e.g. mechanised equipment).

## **3.5 Refuelling and Maintenance**

### **3.5.1 Refuelling**

Where reasonably practicable, plant and vehicles shall be refuelled using suitable equipment (e.g. funnels) and the necessary drip trays.

### **3.5.2 Maintenance**

All vehicles and equipment shall be kept in good working order and serviced regularly. Leaking equipment shall be removed from the site. All maintenance of equipment and vehicles shall be performed off site. No washing of plant and equipment shall be undertaken on site.

### **3.6 Accidental Leaks and Spills**

The Contractor shall ensure that his employees are aware of the procedure to be followed for dealing with spills and leaks. Any accidental leak or spill of fuel, oil or any other hazardous substance must be reported immediately to the ESA to ensure that the best remediation method is quickly implemented.

In the event of a hydro-carbon spill, the source of the spillage shall be isolated and the spillage contained. The area shall be cordoned off and secured. The Contractor shall ensure that there is always a supply of absorbent material readily available to absorb / breakdown spills.

The Contractor shall be liable to arrange for professional service providers to clear the area affected by the spill, if required.

### **3.7 Waste Management**

#### **3.7.1 Solid Waste**

Solid waste includes all construction waste (cement bags, tags, wrapping materials, cans, wire, nails, etc.) and surplus food, food packaging, organic waste etc. The Contractor shall be responsible for the establishment of a solid waste control and removal system that is acceptable to the ESA in order to prevent the spread of waste in, and beyond, the construction area. An integrated waste management approach shall be used, based on the principles of waste minimisation, reduction, reuse and recycling of materials. Containers for glass, paper, metals and plastics shall be provided, if sufficient solid waste is generated. The construction camp area (if applicable) is particularly suited for this purpose.

The Contractor shall provide vermin and weatherproof bins (with lids) of sufficient number and capacity to store solid waste produced on a daily basis. The lids shall be kept firmly on the bins at all times. Bins shall be located in areas where there is a concentration of labour and shall be easily

accessible. Bins shall be emptied regularly as required, preferably every second day. The general cleanliness of the site shall form part of the ESA inspections.

All solid waste may be temporarily stored on site in a demarcated area, which meets the satisfaction of the ESA. All solid waste shall be disposed of off site at a licensed landfill site. The stockpiling of construction rubble, cut vegetation or other material shall only be permitted in areas approved by the ESA. No waste material or litter shall be burnt or buried on site.

#### Erosion Control

The Contractor shall, as an ongoing exercise, provide erosion control to the satisfaction of the ESA. During construction, the Contractor shall protect areas susceptible to erosion by installing necessary temporary and permanent draining works as soon as possible.

Any runnels or erosion channels developed during the construction period shall be backfilled and compacted, and the areas restored to an acceptable condition (as determined by the ESA). Stabilisation of cleared areas to prevent and control erosion shall be actively managed.

During construction, the Contractor shall implement measures to prevent the migration of materials (fines) from the construction site into river courses, drainage lines, stormwater and sewerage systems.

### **3.8 Fire Control**

No fires shall be allowed on site. At least one 12.5kg type ABC (all purpose) fire extinguisher shall be kept on the construction site.

### **3.9 Protection of Natural Features, Flora and Fauna**

#### **3.9.1 Protection of Natural Features**

The Contractor shall not deface, paint, damage or mark any natural features outside the site for any purpose unless agree beforehand with the ESA. The Contractor shall not permit his employees to make use of any natural water sources situated on or near the site for purposes of swimming, personal washing and/or the washing of machinery or clothes.

### **3.9.2 Protection of Flora**

The removal, damage or disturbance of flora, fauna or avifauna is forbidden. The clearing of vegetation within the construction area shall be undertaken in accordance with that specified in section 3.3.1.

The Contractor shall be familiar with any Ordinances, Acts, By-laws and/or regulations pertaining to the protection of natural features, flora and fauna on site. Where applicable, the Contractor shall apply for the necessary permits prior to removing any plants listed in the relevant schedules promulgated in terms of the legislation.

### **3.9.3 Protection of Fauna**

The Contractor shall ensure that no hunting, trapping, shooting, poisoning or other disturbance of any fauna takes place. The feeding of wild animals is prohibited. No domestic pets or livestock are permitted on site.

## **3.10 Protection of Heritage and Cultural Features**

The Contractor shall not, without a permit issued by the relevant heritage resources authority, destroy, damage, excavate, alter, deface or otherwise disturb archaeological finds. Archaeological finds can take the form of buried walls, old bottles, porcelain fragments, earthenware fragments, accumulations of bone and ash dumps.

If any archaeological or paleontological artefacts and/or human burials or remains are uncovered during construction, work in the vicinity of the find shall cease. The Contractor shall immediately notify the HOD Implementation and/or Property Supervisor and/or National Property Manager, who shall contact the South African Heritage Resources Agency (SAHRA). The Contractor will be required to abide by the specifications as set out by SAHRA or the heritage specialist appointed to investigate the find or burial.

## **3.11 Dust Control**

The Contractor shall ensure that the generation of dust is minimised and shall implement a dust control programme to maintain a safe working environment, minimise nuisance and protect damage to natural vegetation.

The Contractor shall ensure that all exposed soil and material stockpiles are adequately protected against the wind. Where possible, dust suppression shall take place by way of spraying.

### **3.12 Noise Control**

The Contractor shall be familiar with and adhere to, any local by-laws and regulations regarding the generation of noise and hours of operation. Working hours shall be confined to the hours between [insert time as per EA/ROD] and [insert time as per EA/ROD]. The Contractor shall be held responsible for any complaints received from the department and/or public with respect to any contravention of agreed noise conditions.

### **3.13 Cement**

Cement and concrete mixing directly on the ground shall not be allowed. Where possible, ready mix concrete shall be utilised in all site construction. Mixing of cement, if applicable, shall take place on impermeable surfaces to the satisfaction of the ESA.

Unused cement bags shall be stored out of the rain where they will not be affected by run-off. Used (empty) cement bags shall be collected and stored in weatherproof containers to prevent wind blown cement dust and water contamination. Used cement bags shall not be used for any other purpose and shall be disposed of on a regular basis via the solid waste management system.

All excess concrete shall be removed from site on completion of concrete works and disposed of at a licensed landfill site. Washing of the excess concrete or washing of concrete pump trucks into the ground is prohibited.

### **3.14 Mast Colour**

The mast shall be painted [insert details in accordance with that stated in ROD/EA and in accordance with Civil Aviation Authority requirements].

### **3.15 Complaints Register**

The ESA shall have accessible on the construction site a complaints register in terms of which all complaints received from interested and affected parties shall be recorded. The Complaints register shall be kept on site for the duration of construction activities and all complaints received shall be reported to the ESA.

### **3.16 Site Rehabilitation and Landscaping**

On completion of the project, the Contractor shall ensure that all structures, equipment, materials, waste, rubble, notice boards and temporary fences used during the construction operation are removed with minimum damage to the surrounding area. The Contractor shall clean and clear the site to the satisfaction of the ESA.

In the case of accidental spills of oils, the affected soils shall be dug out and removed from the site for disposal at a licensed hazardous waste site and replaced with fresh topsoil.

Rehabilitation shall especially focus on all scarred and open areas, in order to reduce visual impacts as a result of the construction phase. Stored topsoil, if applicable, shall be used for rehabilitation purposes.



## 4 ENVIRONMENTAL SPECIFICATIONS: OPERATIONAL PHASE

The following responsibilities will be met to prevent negative environmental impacts:

- Providing a budget for maintenance;
- Maintaining all approved infrastructure in good working order to effectively fulfill its intended purpose and to prevent negative environmental impacts;
- Not construct any additional buildings, infrastructure etc. contrary to the approved Environmental Authorization, without performing an environmental impact assessment to evaluate alternatives and environmental impacts;
- To immediately remedy any factors that contribute to negative environmental impacts;
- [Where the ROD requires this – insert this clause] To do an annual environmental audit and to have the results in writing available at the administration offices of MTN.

### 4.1.1 Maintenance

Procedure to be followed to ensure the high standards of appearance and quality are maintained on the BTS sites to ensure that environmental issues are adequately addressed and that BTS sites are effectively maintained.

1. All BTS sites must be maintained and cleaned as per the schedule set by the Field Maintenance Supervisor responsible;
2. The items that must be checked will be as per the list below and as reflected in detail in the Site Maintenance Report and Statement of Work reference documentation;
  - a. Fence and Gate: Secure and rust treat as necessary;
  - b. Signage: Check all signs as per the BTS Site Infrastructure Specification;
  - c. Terrain:
    - i. Clean and de-weed inside and outside the BTS site and clean a 1m perimeter area around the fence. In areas susceptible to soil erosion, cut weed perimeter in such a way as to protect soil from erosion;
    - ii. De-weed invasive vegetation in the surrounding area of the BTS site;
    - iii. Check for any rubble that could have accumulated from previous maintenance work or during the BTS site build and remove and dump at a registered waste disposal site.
  - d. Equipment Room: De-rust, wash walls and floor and dust interior;

- e. BTS Cabinet: Replace filter
  - f. Container: Replace blown fluorescent lights (discard used lights in safe manner to ensure no mercury exposure), clean roof and cut away branches hanging over the site;
  - g. Air Conditioner: Wash, dry and seal;
  - h. Mast Navigation Lights: Replace blown globes
  - i. Mast: Check foundation, bolts, bolt torque, cable tray, cage and contact specialist to remove nests;
  - j. Road: Check condition i.e. check for signs of soil erosion, potholes and general sturdiness;
  - k. Power Source: Check condition i.e. still safe and insulated;
  - l. Maintenance Waste: All waste generated from the maintenance work must be removed from the area and disposed of at an approved landfill.
3. Invasive vegetation can easily be recognized as it is found in the immediate vicinity surrounding the site, but does not grow in the natural environment in the surrounding area. Normally the seeds of invasive vegetation are brought in an area with sand used during BTS site construction. Every effort must be made to remove invasive vegetation before it produces seeds.
4. In non environmentally sensitive areas, MTN approved weed killers may be used, under controlled conditions, to minimize weed growth. Soil erosion must be considered and prevented prior to using any weed killers.
5. Problems or non-compliance, such as poor road maintenance or erosion, mast paint peeling and poor mast condition, must be reported immediately. The necessary corrective action must be implemented to rectify the situation.

## 5 ENVIRONMENTAL SPECIFICATIONS: DECOMMISSIONING PHASE

The objective to provide guidelines is to prevent structures being left to deteriorate. Therefore it is imperative that non-functional structures are removed as soon as possible and the area is rehabilitated. If non-functional structures are no longer required, it must be maintained as if it is in use to prevent the environmental degradation of the area.

The Applicant will be responsible for the following:

- Removal of the construction building rubble to a suitable licensed disposal facility;
- Ensuring that suitable arrangements are made to protect the environment against long term negative impacts;
- Minimize negative visual impacts;
- Maintain the storm water channels in a working condition;
- Clean up contaminants of the environment;
- Prevent erosion through regular monitoring and rehabilitation of degraded areas.

### 5.1.1 Procedure

Procedure to be followed when decommissioning a BTS site.

1. A Work Authorisation must be issued by the Planning and Optimisation Division instructing the Implementation Division to decommission a particular site. In most cases, there will be a replacement BTS site issued at the same time. This may involve more than one BTS site to achieve the same coverage, largely depending on the site location and the Planning Engineer;
2. The BTS site will only be decommissioned once the replacement site has been activated (this is preferred, but not always possible), otherwise the replacement site must have at least been approved by the Property division and an instruction to proceed with the replacement BTS site build has been given to the Implementation Division;
3. When the site is decommissioned, the following areas should be considered as detailed further below:
  - a. Slab and concrete work;
  - b. Tower;
  - c. Antennas;
  - d. Feeder System;
  - e. Fencing and Guardrails;

- f. Container;
- g. Site Rehabilitation;
- h. Dumping
- i. Power connection to be disconnected

#### **Slab and Concrete Work**

4. All the concrete, cement and reinforcing on site must be removed and disposed of in a Registered dump by the Contractor. All land must be filled with landfill and compacted as necessary. (refer to owners requirements). If the landlord agrees, the concrete, cement and reinforcing can remain as is.
5. All stone or site fill must be removed and disposed of in an approved landfill by the Contractor.

#### **Tower**

6. The tower must be dismantled in a controlled manner and transported to the original tower manufacturer for inspection. The tower must be inspected for conformance to the current MTN specification. If the tower meets MTN's current tower specifications it must be packed for redistribution to another BTS site.
7. If the tower does not meet MTN's current tower specification it must be sent to the central warehouse or a location specified by the warehouse. The tower will then be retained until it can be removed (depreciated) from the asset register and sold as scrap metal.
8. All accessories associated with the tower such as booms, antenna poles, cat ladders, cables etc must be inspected and returned to the central warehouse for inspection, packaging and redistribution to another BTS site.
9. All antennas shall be returned to the warehouse for testing to ensure that they still meet the manufacturers specification. The central warehouse will identify whether they are on MTN's accepted antenna list. If so, they will be placed back in stock and redistributed to another BTS site.
10. If the antenna is not on MTN's current accepted antenna list, it will be sent to the central warehouse until it is removed from the asset register (depreciated) and scrapped.
11. Antenna brackets will be returned to the central warehouse for inspection and redistribution.

#### **Feeder System**

12. Connectors will be cut off the feeder cable, the open ends will be weather sealed, rolled and sent to the central warehouse for inspection, evaluation and redistribution.
13. The warehouse will dispose of unusable feeder cable according to the approved disposal procedure.

14. All feeder brackets and clamps must be packed and sent to the central warehouse for distribution.
15. Earthing materials must be returned to the central warehouse for redistribution or disposal. Waterproofing should be disposed of by the Contractor in an approved landfill.

#### **Fencing and Guardrails**

16. All fencing must be removed in a controlled manner for reuse. Concrete must be removed and dumped in an approved landfill by the Contractor.
17. Gates and access ways must be returned to the central warehouse for inspection and redistributed to another BTS site.
18. All electric fencing must be removed and returned to the central warehouse for inspection and redistribution.

#### **Container**

19. The container must be stripped of all equipment, returned to the manufacturer for inspection and refurbished if necessary. The container is then redistributed to another BTS site, preferably in the same region.
20. All other equipment must be sent to the Central Warehouse for evaluation and redistribution, if applicable.
21. All the equipment above must go through acceptance testing as per the acceptance procedure relating to that specific piece of equipment.

#### **Site Rehabilitation**

22. The BTS site, access roads and any trenches must be rehabilitated, conforming to ISO standards and to a level accepted by both the ESA and the landlord and must meet legal obligations that may be imposed or apply to that particular BTS site.

#### **Dumping**

23. No Contractor or Sub-contractor will dispose of any (dump) material or product without the approval from the responsible ESA.
24. All materials or products must be disposed of in the correct manner, in approved dumping site by the Contractor or Sub-Contractor. MTN must ensure that this procedure is followed for all sites decommissioned.

#### **Records**

Records of such decommissioning shall be kept electronically on the MTN Operating System.

## 6 EMERGENCY RESPONSE PLAN

The objective of this section is to provide a brief summary of options available to the ESA. The details of the design will reside with the designers, but cognizance should be taken of the design philosophy and key aspects given in the guidelines to problem solving given below.

### 6.1 Typical remedial work options

The following table is provided to assist the Contractor and ESA with problem solving:

Observation or Event	Action by ESA	Action by Contractor
Spillage of diesel or hydrocarbons on soil	Report to ESA and continue observations. <b>Also check:</b> ➤ That the source causing the spillage is decommissioned, and that the affected area is isolated to prevent spreading of the hazardous substance	Action will be required asap by following the next steps: ➤ Dig down into the soil to see how far down the pollution has penetrated; ➤ If penetration is less than 300mm: a. Turn the soil over to expose it to the air; b. Apply Mono Ammonium Phosphate (MAP) at a rate of 58gr/m <sup>2</sup> to the dug up soil c. Water enough to keep the soil moist ➤ If penetration is greater than 300mm: a. Remove the affected soil and spread in a layer not more than 300mm thick; b. Apply MAP at a rate of 50gr/m <sup>2</sup> c. Water enough to keep the soil moist ➤ Repeat the above steps every 6 weeks or until the soil is clean
General Surface Erosion	Report to ESA and continue observations. <b>Also check:</b> ➤ In respect of erosion of roads that all vehicular movement is restricted to the existing access routes to prevent criss-crossing of tracks through undisturbed areas.	Action will be required asap: ➤ Implement erosion protection works at identified problem areas; ➤ Implement remedial works to be done at affected areas in order to restore the area to its previous or better status.

This EMP has been assessed/reviewed and agreed with:

\_\_\_\_\_

**HOD – Implementation**

Name: \_\_\_\_\_

Region: \_\_\_\_\_

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

\_\_\_\_\_

**SUPERVISOR – Property**

Name: \_\_\_\_\_

Region: \_\_\_\_\_

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

\_\_\_\_\_

**Environmental Consultant (ESA)**

Name: \_\_\_\_\_

Company: \_\_\_\_\_

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

\_\_\_\_\_

**HOD - Maintenance**

Name: \_\_\_\_\_

Region: \_\_\_\_\_

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

**Appendix G: Other Information**

**G1 – Public Participation - Proof of Site Notices**

**G2 – Public Participation – Proof of Written Notices**

**G3 – Public Participation – Proof of Newspaper Notice**

**G4 – Public Participation – Register of Interested and Affected Parties**

**G5 – Civil Aviation Information**

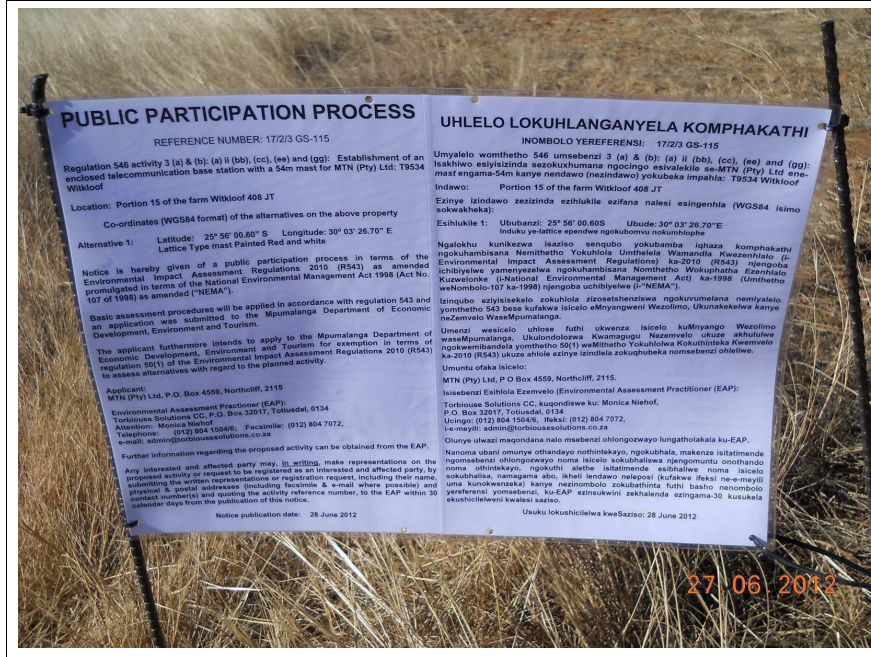
**G6 – Motivation for exemption from assessing alternatives**

**G7 – General**



**G1 – Public Participation - Proof of Site Notices**

# Proof of Site Notice



Site Notice 1 affixed adjacent to access route

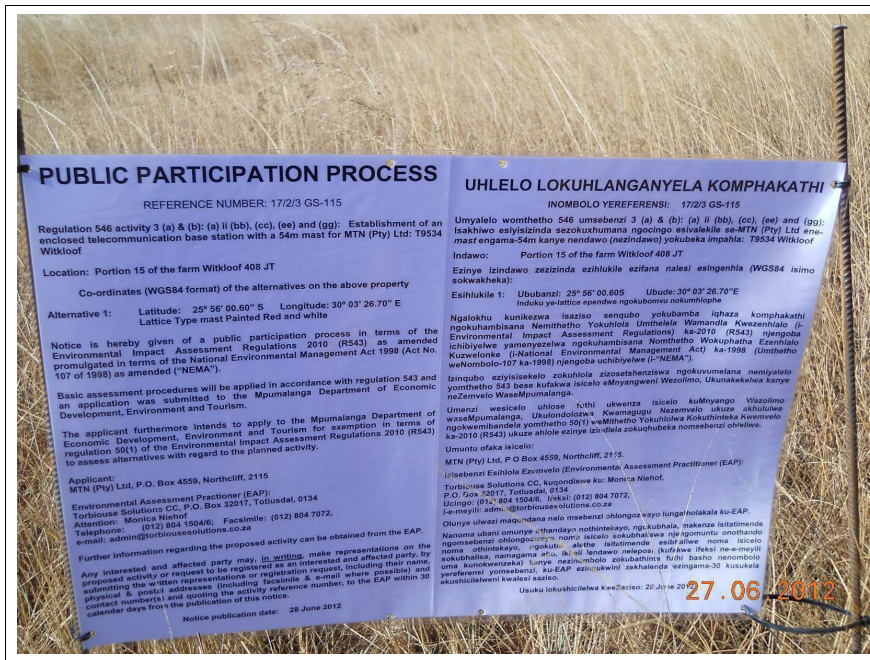


Site Notice 1 affixed adjacent to access route

# Proof of Site Notice



Site Notice 1 affixed adjacent to access route



Site Notice 2 affixed adjacent to access route at the border of the property



# Proof of Site Notice



**Site Notice 2 affixed adjacent to access route at the border of the property**



**Site Notice 2 affixed adjacent to access route at the border of the property**

# Proof of Site Notice



**Site Notice 3 affixed adjacent to access route at the border of the property**



**Site Notice 3 affixed adjacent to access route at the border of the property**



# Proof of Site Notice



**Site Notice 3 affixed adjacent to access route at the border of the property**

**G2 – Proof of Written Notices**

**Lys van Geregistreerde Briewe**  
(with an insurance option/met 'n versekeringsopsie)



Post Office

**Full tracking and tracing/Volledige volg en spoor**

Name and address of sender: **TORBOUSE SOLUTIONS**  
 Naam en adres van afsender: **TORBOUSE SOLUTIONS**  
 TEL...012.804.1504/5  
 BOX 32017 TOTIUSDA

T9534  
 Enquiries/Navrae  
 Toll-free number  
 Tovry nommer  
**0800 111 502**

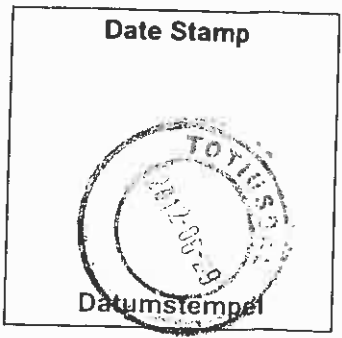
No	Name and address of addressee Naam en adres van geadresseerde	Insured amount Versekerde bedrag	Insurance fee Versekeringsgeld	Postage Posgeld	Service fee Diensgeld	Affix Track and Trace customer copy Plak Volg-en-Spoor-kliëntafskrif
1	The Municipal Manager: Albert Luthuli Local Municipality. PO Box 24. Carolina 1185.					REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RD 748 020 670 ZA CUSTOMER COPY 301028R
3	The Ward Councillor: Albert Luthuli Local Municipality. PO Box 24. Carolina 1185					REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RD 748 020 683 ZA CUSTOMER COPY 301028R
5						
6						
7						
8						
9						
10						
Number of letters posted Getal briewe gepos ..... 2		Total Totaal	R	R	R	R

Signature of client  
Handtekening van kliënt *Guilliams*

Signature of accepting officer  
Handtekening van aanneembeampte

The value of the contents of these letters is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100,00. No compensation is payable without documentary proof. Optional insurance of up to R2 000,00 is available and applies to domestic registered letters only.

Die waarde van die inhoud van hierdie briewe is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder voorbehoud ontvang word nie. Vergoeding is beperk tot R100,00. Geen vergoeding is sonder dokumentêre bewys betaalbaar nie. Opsionele versekering van tot R2 000,00 is beskikbaar en is slegs op binnelandse geregistreerde briewe van toepassing.





Our Reference:  
T9534. / 17/2/3/GS-115

Your Reference:

21 June 2012

The Municipal Manager  
Albert Luthuli Local Municipality  
Po Box 24  
Carolina  
1185

Attention: Mr Vusumuzi Nelson Mpila

Environmental Management Section

Facsimile:  
E-mail: [mm@albertluthuli.gov.za](mailto:mm@albertluthuli.gov.za)



Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road  
Silvertondale, 0184  
Pretoria

Tel: (012) 804 1504/ 6

Fax: (012) 804 7072

e-mail: [admin@torbiousolutions.co.za](mailto:admin@torbiousolutions.co.za)

Dear Sir / Madam,

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (BB), (CC), (EE) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 15 OF THE FARM WITKLOOF 408 JT**

In terms of the Act and related regulations and guidelines Local Authorities are identified as key interested and affected parties (I&AP).

We request you to evaluate the attached information on the proposed project and provide us with your written comments and/or inputs, if any, by faxing or e-mailing such within 30 days from the date of this notification. It will be assumed that you do not have any comments on the Environmental Application of the proposed project on the expiry of the 30 day response period.

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

Kind Regards,

A handwritten signature in black ink, appearing to read 'M. Niehof'.

**MONICA NIEHOF**  
For: Torbious Solutions cc

**Comments:**

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21 June 2012

The Ward Councillor  
Albert Luthuli Local Mncupality  
Po box 24  
Carolina  
1185

Attention: Mr R G Vilakazi

Councillor: Ward 21

Facsimile:  
E-mail: [mm@albertluthuli.gov.za](mailto:mm@albertluthuli.gov.za)



Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road  
Silvertondale, 0184  
Pretoria

Tel: (012) 804 1504/ 6  
Fax: (012) 804 7072

e-mail: [admin@torbiousolutions.co.za](mailto:admin@torbiousolutions.co.za)

Dear Sir / Madam,

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 14 IN REGULATION 386: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 15 OF THE FARM WITKLOOF 408 JT**

In terms of the Act and related regulations and guidelines ward councillors are identified as key interested and affected parties (I&AP).

We request you to evaluate the attached information on the proposed project and provide us with your written comments and/or inputs, if any, by faxing or e-mailing such within 30 days from the date of this notification. It will be assumed that you do not have any comments on the Environmental Application of the proposed project on the expiry of the 30 day response period.

Please forward the attached documentation to the relevant Resident Association or provide us with their contact details.

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

Kind Regards,

**MONICA NIEHOF**  
For: Torbious Solutions cc

**Comments:**

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Our reference  
T9534 / 17/2/3/ GS-115

28 June 2012

The Municipal Manager  
Gert Sibande District Municipality  
PO Box 1748  
Ermelo  
2350

Attention: Mr D V Ngcobo

Environmental Management Section

Fax : (017) 811 1207



Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road  
Silvertondale, 0184  
Pretoria

Tel: (012) 804 1504/ 6

Fax: (012) 804 7072

e-mail: admin@torblousesolutions.co.za

Dear Sir / Madam,

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (BB), (CC), (EE) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 15 OF THE FARM WITKLOOF 408 JT**

In terms of the Act and related regulations and guidelines Local Authorities are identified as key interested and affected parties (I&AP).

We request you to evaluate the attached information on the proposed project and provide us with your written comments and/or inputs, if any, by faxing or e-mailing such within 30 days from the date of this notification. It will be assumed that you do not have any comments on the Environmental Application of the proposed project on the expiry of the 30 day response period.

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

Kind Regards,

A handwritten signature in black ink, appearing to read "Monica Niehof".

**MONICA NIEHOF**

For: Torbiouse Solutions cc

**Comments:**

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Destination	Start Time	Time	Prints	Result	Note
0178111207	06-29 08:52	00:02:19	009/009	OK	

Note THR: Timer TX, POL: Polling, ORG: Original Size Setting, FME: Frame Erase TX, MIX: Mixed Original TX, CALL: Manual TX, CSRC: CSRC, FWD: Forward, PC: PC-Fax, BND: Double-Sided Binding Direction, SP: Special original, FCODE: F-code, RTX: Re-TX, RLY: Relay, MBX: Confidential, BUL: Bulletin, SIP: SIP Fax, IPADR: IP Address FAX, I-FAX: Internet Fax

Result OK: Communication OK, S-OK: Stop Communication, PW-OFF: Power Switch OFF, TEL: RX from TEL, NG: Other Error, Cont: Continue, No Ans: No Answer, Refuse: Receipt Refused, Busy: Busy, M-Full:Memory Full, LOVR:Receiving length Over, POVER:Receiving page Over, FIL:File Error, DC:Decode Error, MDN:MDN Response Error, DSN:DSN Response Error.

Our reference  
T9534 / 17/2/3/ GS-115

28 June 2012

The Municipal Manager  
Gert Sibande District Municipality  
PO Box 1748  
Ermele  
2350

Attention: Mr D V Ngcobo

Environmental Management Section

Fax : (017) 811 1207



Reg. No. 2001/060535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road  
Silvertondale, 0184  
Pretoria

Tel: (012) 804 1504/5

Fax: (012) 804 7072

e-mail: admin@torblousesolutions.co.za

Dear Sir / Madam,

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1996 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (BB), (CC), (EE) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 15 OF THE FARM WITKLOOF 408 JT**

In terms of the Act and related regulations and guidelines Local Authorities are identified as key interested and affected parties (I&AP).

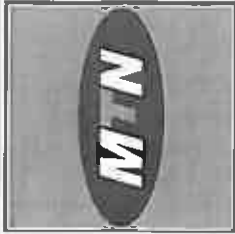
We request you to evaluate the attached information on the proposed project and provide us with your written comments and/or inputs, if any, by faxing or e-mailing such within 30 days from the date of this notification. It will be assumed that you do not have any comments on the Environmental Application of the proposed project on the expiry of the 30 day response period.

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

Kind Regards,

*MONICA NIEHOF*  
MONICA NIEHOF  
For: Torblouse Solutions cc

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



1817 Ploverna Street  
 Suite 101  
 Midrand 1685  
 Tel: +27 (12) 542 2000  
 Fax: +27 (12) 542 8706  
 Ploverna Estate 148  
 Private Bag 2115  
 Midrand 1685

**SITE NAME** WITKLOOF

**BASE STATION NUMBER** T9534

REV	DATE	BY	DESCRIPTION
A	19/03/2012	RG	FIRST ISSUE

**NOTES**  
 OWNER 1: VENTER DEBET OZDIRIK JOHANNES  
 OWNER 2: VENTER ANGELIDA

STRICTLY COMPANY CONFIDENTIAL  
**PROPERTY DESCRIPTION**  
 PORTION 15 OF THE FARM WITKLOOF 408 JT

**COORDINATES**  
 LAT: 25° 50' 00.60" S  
 LONG: 30° 03' 26.70" E

**PROJECT**  
 NEW 900m TELECOMMUNICATION BASESTATION WITH A  
 54m LATTICE MAST FOR MTN (PTY) LTD

**ADDRESS**  
 THE FARM WITKLOOF 408 JT,  
 OFF THE R33  
 NOOTGEDAGHT DAM NATURE RESERVE  
 MIDRAND, JHENA



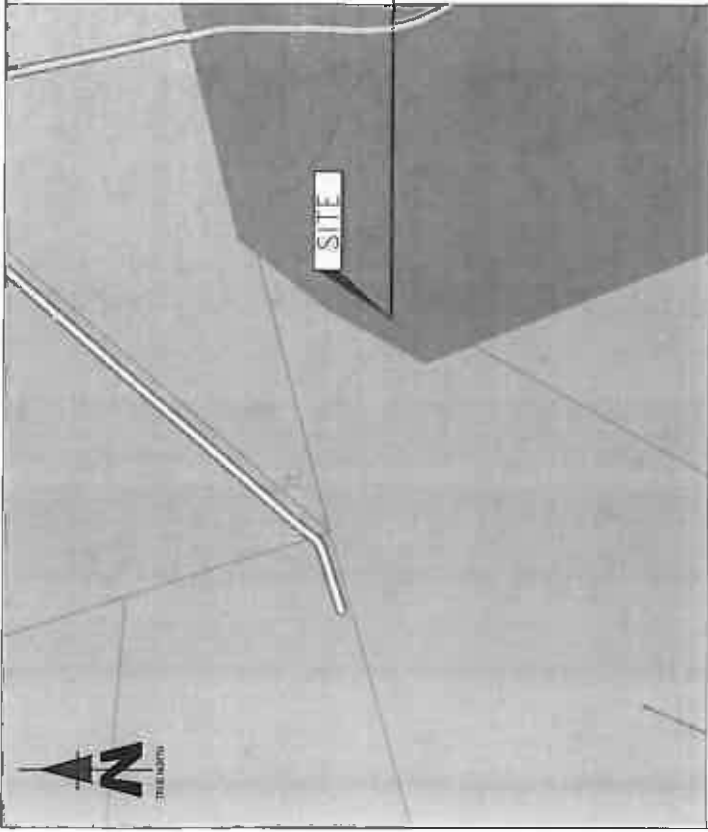
210 Boshuiskamp  
 Midrand, Gauteng  
 1709  
 Tel: +27 (12) 542 2000  
 Fax: +27 (12) 542 8706  
 Email: info@ipsi.co.za  
 P.O. Box 30017  
 Midrand, Gauteng  
 1601  
 0154

**PROJECT NUMBER**  
 T9534

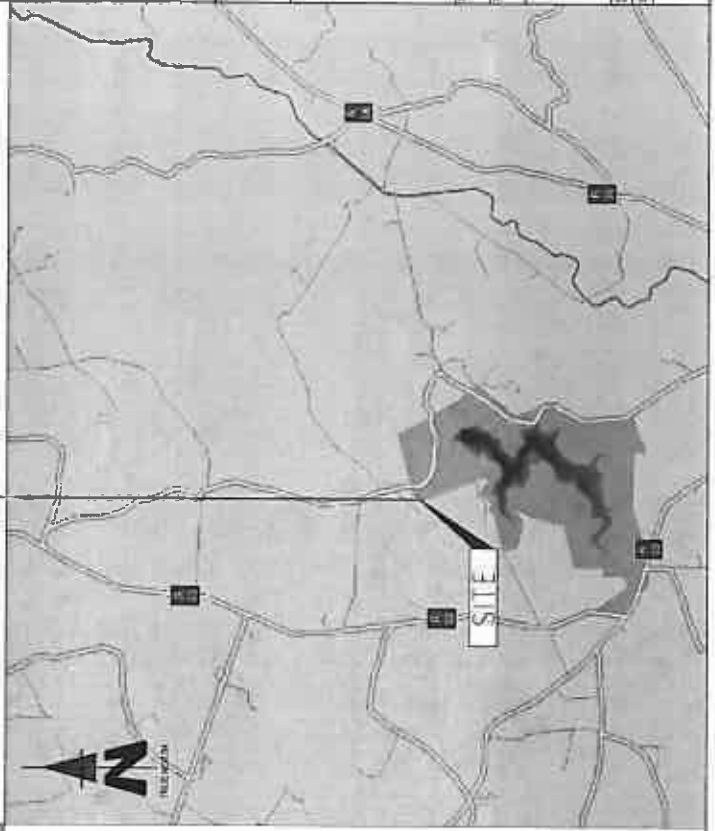
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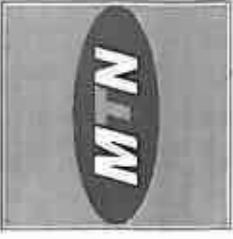
**DRAWN** R. GELDENHUYS  
**DATE** 19/03/2012  
**SCALE** 1:1000  
**REF. NO.** IPST/12/154

**LOCALITY MAP**  
 SHEET 1 OF 9



T9534  
 WITKLOOF





1787 Pretorius Street  
 Block 8, Nuthouse Complex  
 Pretoria 0081  
 Tel: +27 (0) 21 542 2000  
 Fax: +27 (0) 21 542 8006  
 Internet: www.mtn.co.za

**WITKLOOF**  
 SCALE DATUM NUMBER  
 T9534

REV	DATE	BY	DESCRIPTION
A	19/03/2012	RG	FIRST ISSUE

**NOTES**  
 OWNER 1: VENTER GENT DEEMIR-JOHANNES  
 OWNER 2: VENTER ANGELINA

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION  
 PORTION 15 OF THE FARM-WITKLOOF 498 JT

COORDINATES  
 LAT: 28° 56' 00" 609" S  
 LONG: 30° 03' 26" 10" E

PROJECT  
 NEW 800m TELECOMMUNICATION BASESTATION WITH A  
 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS  
 THE FARM WITKLOOF 498 JT  
 OFF THE R233  
 NOOTGEDACHT DAM NATURE RESERVE  
 MPUMALANGA



414 Riebeeck Road  
 0184  
 Tel: +27 (0) 21 694 1008  
 Fax: +27 (0) 21 694 0134  
 www.ipsinfra.co.za

RFO NO  
 102070  
 PROJECT NUMBER  
 127452

DRAWN: R. GELDENHUYE  
 DATE: 19/03/2012  
 SCALE: MTS  
 REF. NO: 81279534

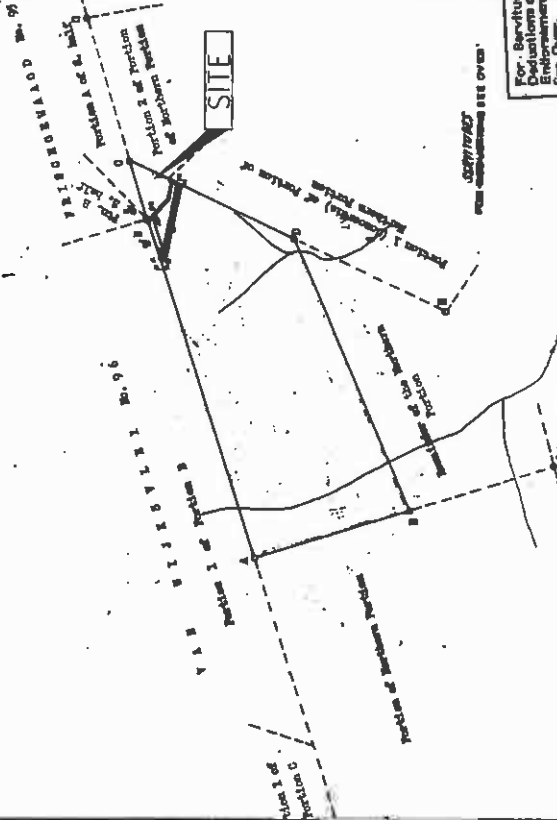
CADASTRAL INFO  
 SHEET 2 OF 9

B.G. No. A. 442 / 52

NOTICE OF CHARGES  
 Sect. 55 (1), Act No. 93 of 1957

AREA	AREA OF SECTION	NUMBER OF SECTION	OWNERS
AR	9200,7	235	174 41* + 2000000,0 + 5000000,0
BR	1378,5	233	174 41* + 116184,5
CR	1660,9	23	11 40 + 11704,4
DR	7816,5	166	28 40 + 11704,4
ER	2411,8	162	28 40 + 11704,4
FR	7900,1	72	27 44* + 116184,5
GR	2827,9	23	11 40 + 11704,4
HR	10744,3	166	28 40 + 11704,4
IR	38779,9	342	22 50 + 107291,6

**DESCRIPTION OF PLACES**  
 1. 174 41\* (174 41\*) from page under address  
 2. 11 40 (11 40) section corner from page  
 and notes  
 3. 28 40 (28 40) triangular situated above  
 4. 27 44\* (27 44\*) rectangular section corner from  
 page  
 5. 11 40 (11 40) rectangular section corner from  
 page

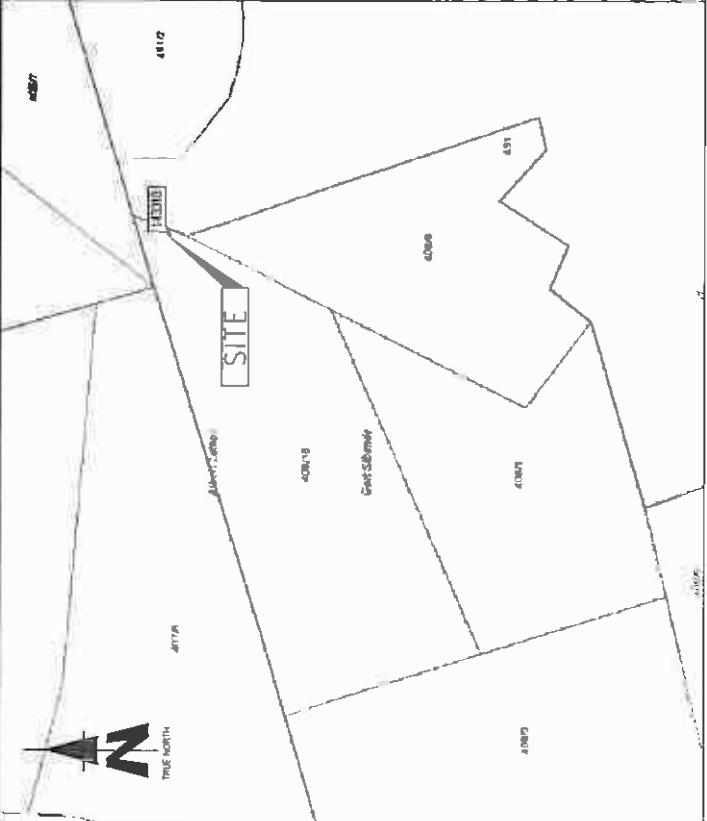


THIS PLAN IS IN ORDER TO  
 BE REGISTERED UNDER  
 No. 406  
 REGISTRAR'S OFFICE  
 REGISTRATION DIVISION JT

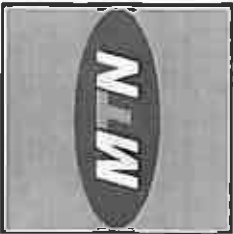
APPROVED BY THE  
 REGISTRAR  
 19/03/2012

PROVINCE OF TRANSVAAL  
 Land Registrar  
 No. 165/52  
 Date: 19/03/2012

Signature of Land Registrar  
 Signature of Applicant







1287 Pretorius Street  
 Block 8, Vaalwater Complex  
 Midrand, 1685  
 Tel: +27 (0) 21 542 2000  
 Fax: +27 (0) 21 542 8708  
 Postnet Code: 1685  
 Private Bag 1175  
 Midrand West

**SITE NAME** WITKLOOF

**BASE STATION NUMBER** T9534

REV	DATE	BY	DESCRIPTION
A	19/03/2012	RG	FIRST ISSUE

**NOTES**  
 OWNER 1: VENTER GERT DIONIDJIOHANNES  
 OWNER 2: VENTER ANGELEA

**PROPERTY DESCRIPTION**  
 STRICTLY COMPANY CONFIDENTIAL  
 PORTION 15 OF THE FARM WITKLOOF 408 JT

**COORDINATES**  
 LAT: 25° 56' 00.00" S  
 LONG: 30° 03' 26.70" E

**PROJECT**  
 NEW 999m TELECOMMUNICATION BASESTATION WITH A 54m LATTICE MAST FOR MTN (PTY) LTD

**ADDRESS**  
 THE FARM WITKLOOF 408 JT  
 OFF THE R33  
 NOOTGEDACHT DAM NATURE RESERVE  
 MPMALANGA



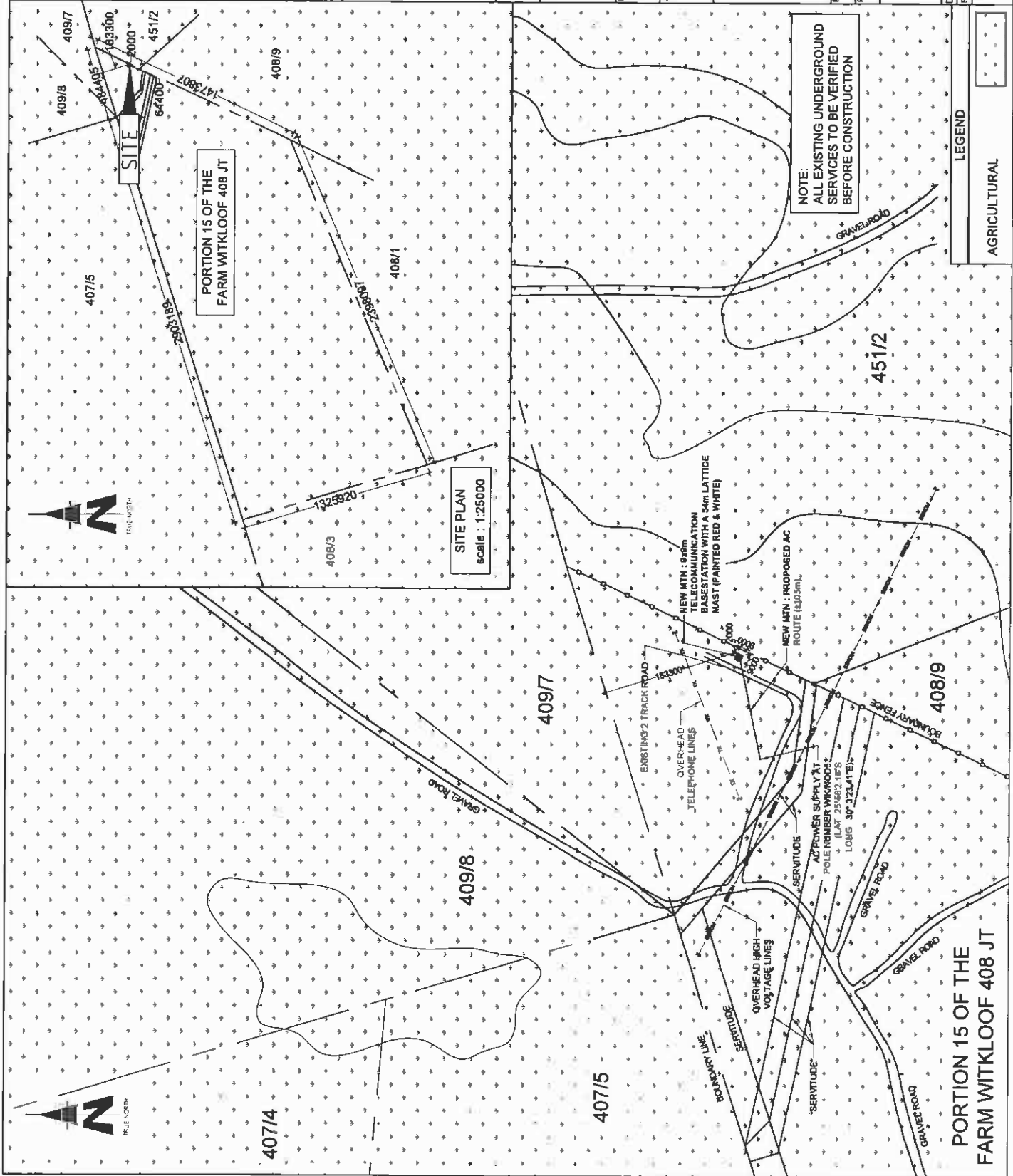
414 Ploeg Street  
 Midrand, 1685  
 Tel: +27 (0) 21 542 1544  
 Fax: +27 (0) 21 542 8702  
 Email: info@ipsafrica.com

**RFO NO** 102070  
**PROJECT NUMBER** 127452

**DRAWN** R. GELDENHUIS  
**DATE** 19/03/2012  
**SCALE** 1:5000

**LEGEND**  
 AGRICULTURAL

**CURRENT LAND USE**  
 SHEET 4 OF 9



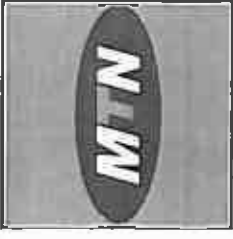
PORTION 15 OF THE FARM WITKLOOF 408 JT

**SITE PLAN**  
 scale: 1:25000

**NOTE:**  
 ALL EXISTING UNDERGROUND SERVICES TO BE VERIFIED BEFORE CONSTRUCTION

PORTION 15 OF THE FARM WITKLOOF 408 JT





1287 Pretoria Street  
 Block 8, Nutholme Complex  
 Pretoria 008  
 Tel: +27 (0) 542 2900  
 Fax: +27 (0) 542 8006  
 Mobile: +27 (0) 82 999 9999

Produced Scale: 1:40  
 Printed By: 215  
 Issue Date: 11/11/2007

SITE NAME: WITKLOOF

BASE STATION NUMBER: T9534

REV	DATE	BY	DESCRIPTION
A	19/03/2012	RG	FIRST ISSUE

NOTES  
 OWNER 1: VENTER GERT DEWNIK JOHANNES  
 OWNER 2: VENTER ANGELINA

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION  
 PORTION 15 OF THE FARM WITKLOOF 409 JT

COORDINATES  
 LAT: 25° 50' 00.60" S  
 LONG: 30° 03' 28.70" E

PROJECT  
 NEW 900MHz TELECOMMUNICATION BASESTATION WITH A  
 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS  
 THE FARM WITKLOOF 409 JT,  
 OFF THE R33  
 NGOTGEDAGHT DAM NATURE RESERVE  
 MPUMALANGA

INFRASTRUCTURE  
 PLANNING SERVICES



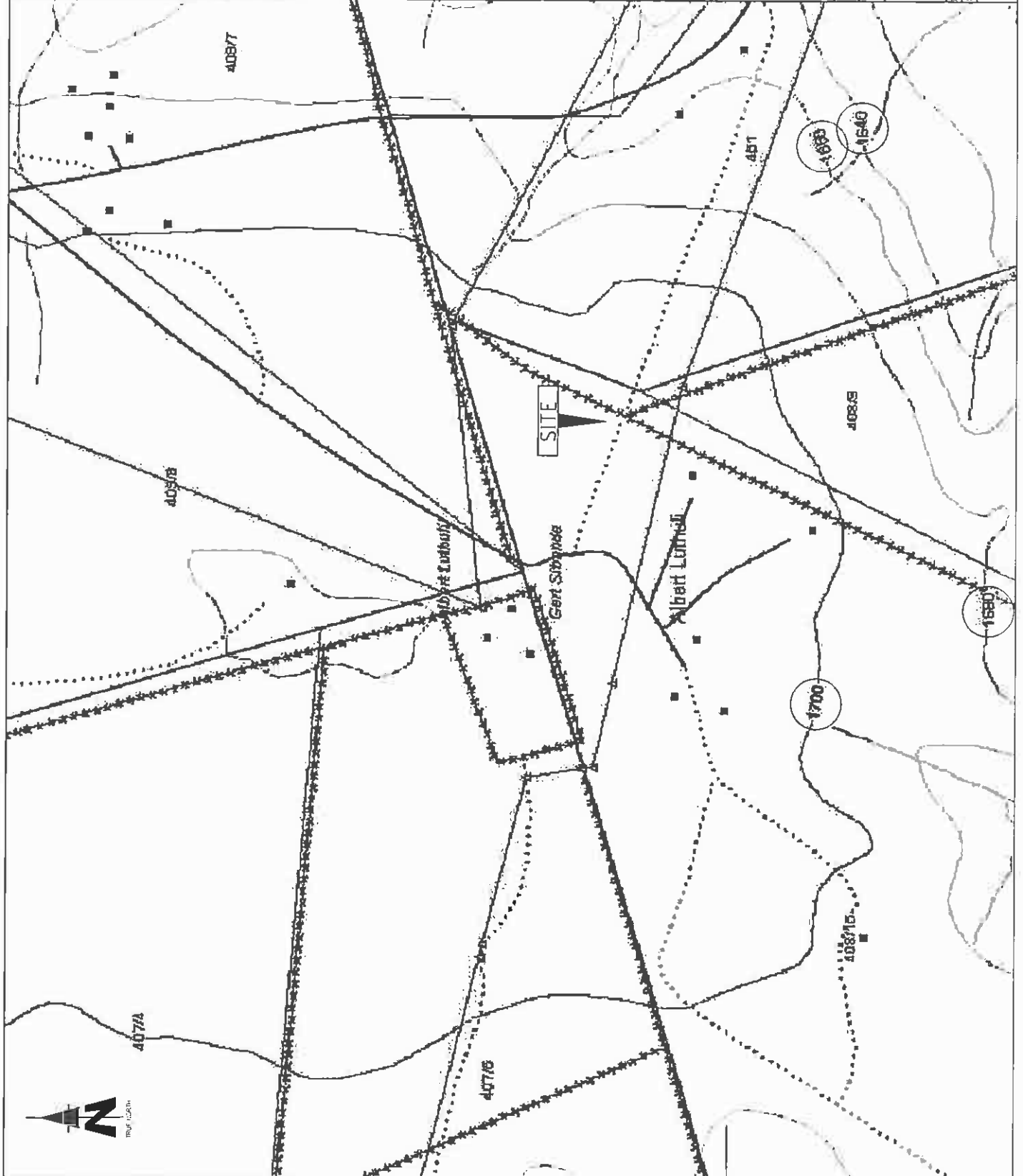
444 Pacific Road  
 Midrand  
 P.O. Box 32017  
 Midrand 2013  
 Tel: +27 (0) 800 1 9000  
 Fax: +27 (0) 21 55 10 00  
 Email: info@ipsafrica.co.za

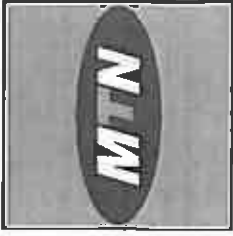
PROJECT NUMBER  
 127492

DRAWN: R BELDENHUIS DATE: 19/03/2012  
 SCALE: NTS REF NO: 81270534

DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE  
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT  
 OF WORK.  
 ALL WORK TO BE IN ACCORDANCE WITH THE SITE  
 INFRASTRUCTURE SPECIFICATION (M01/100)  
 ISSUE 1, REVISED 9 NOVEMBER 2007

CONTOUR INTERVAL  
 SHEET 5 OF 9





1287 Pretoria Road  
 Block 8 Helderberg Comm. 1  
 Helderberg, 1601  
 T4 - +27 (0) 542 2000  
 Fax - +27 (0) 543 8208  
 Mobile: 082 900 1111

**WITKLOOF**

SITE NAME

BASE STATION NUMBER T9534

REV	DATE	BY	DESCRIPTION
A	19/03/2012	RG	FRIST ISSUE

**NOTES**

OWNER 1: VENTER DEBT DIEDRIK JOHANNES  
 OWNER 2: VENTER ANCELINA

**STRICTLY COMPANY CONFIDENTIAL**

**PROPERTY DESCRIPTION**

PORTION 15 OF THE FARM WITKLOOF 408 JT

**COORDINATES**

LAT: 25° 06' 00.60" S  
 LONG: 30° 03' 20.70" E

**PROJECT**

NEW 94m TELECOMMUNICATION BASESTATION WITH A 54m LATTICE MAST FOR MTN (PTY) LTD

**ADDRESS**

THE FARM WITKLOOF 408 JT  
 OFF THE R33  
 NOOTGEDACHT DAM NATURE RESERVE  
 MPUMALANGA



414 Riebeeck Road  
 1601  
 T4 - +27 (0) 804 15048  
 Fax - +27 (0) 804 15072  
 Email - info@ipsafrica.co.za

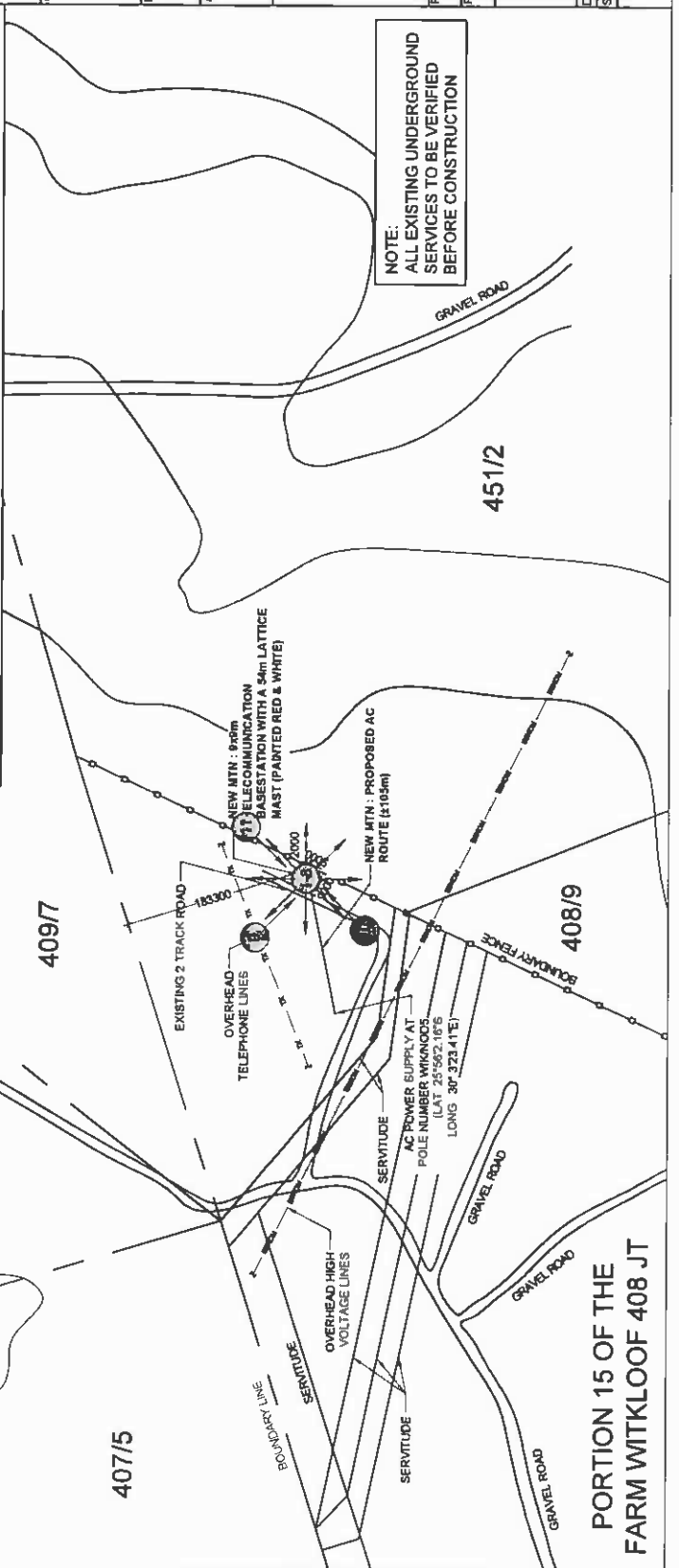
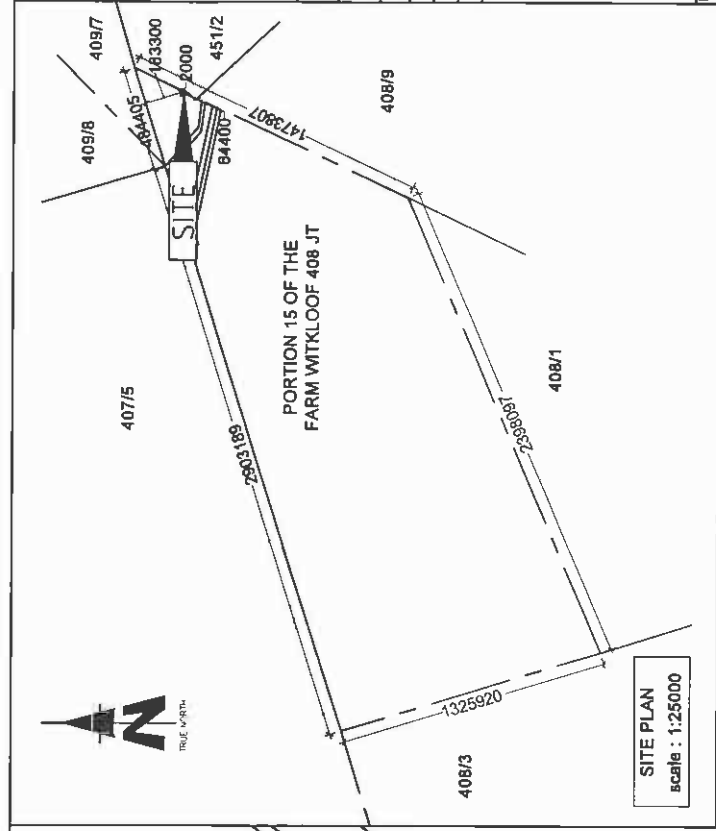
**PROJECT NUMBER**

127452

**DRAWN** R. GELDENHUIS  
**DATE** 19/03/2012  
**SCALE** 1:5000  
**REF NO** 81278534

**SITE PHOTOGRAPHS**

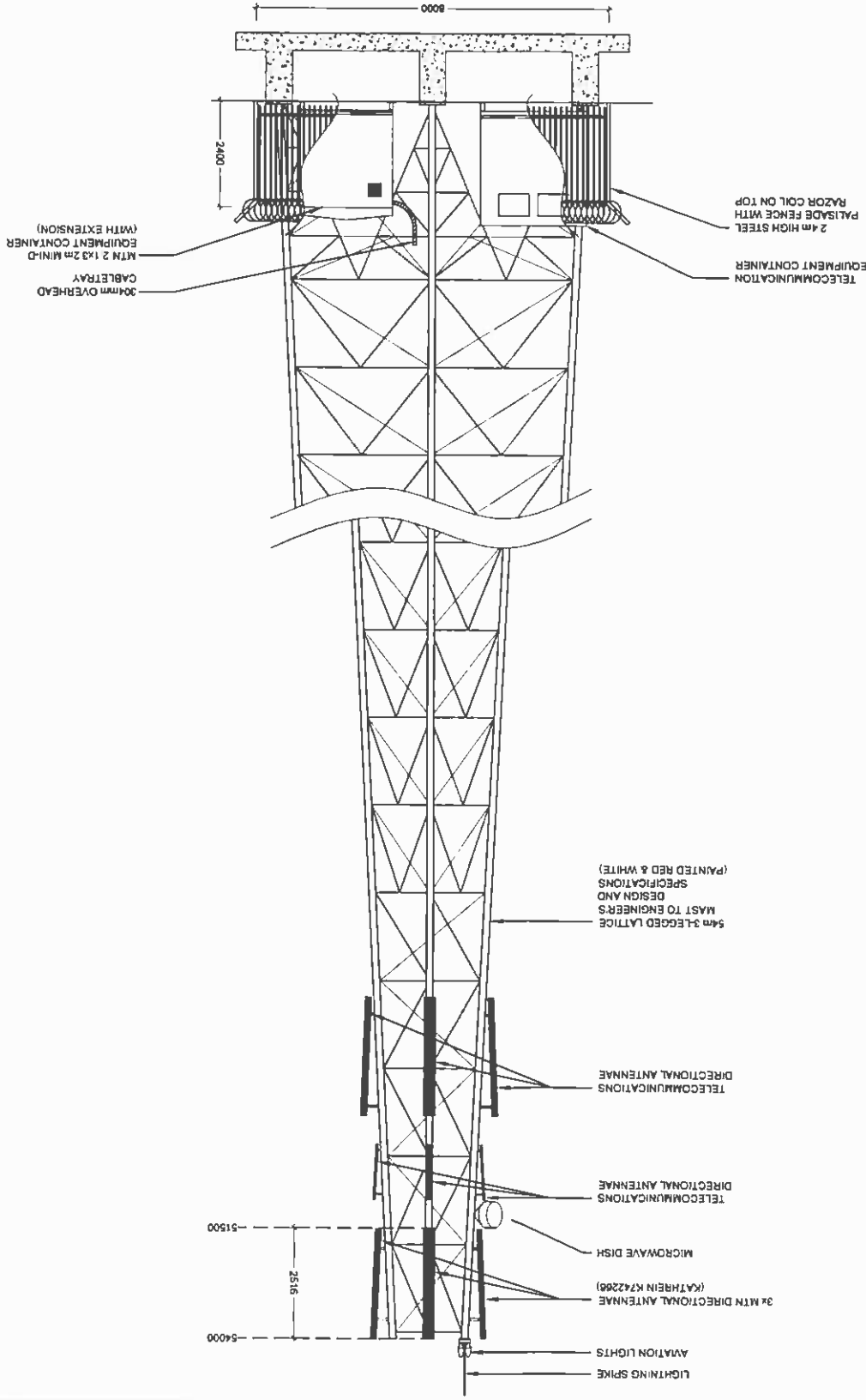
**SHEET 6 OF 9**



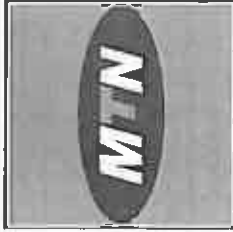
**PORTION 15 OF THE FARM WITKLOOF 408 JT**

**MTN ANTENNAE KEY**

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	KATHREIN K742286	51.5		7/8°	7/8"	± 5.6
2	120°	KATHREIN K742286	51.5		7/8°	7/8"	± 5.0
3	240°	KATHREIN K742286	51.5		7/8°	7/8"	± 5.6



**SOUTH - EAST ELEVATION**



128 / Pretorius Street  
 Hillside, 2001  
 Johannesburg, South Africa  
 Tel: +27 (0) 21 542 2000  
 Fax: +27 (0) 21 542 2006  
 www.mtn.com

128 / Pretorius Street  
 Hillside, 2001  
 Johannesburg, South Africa  
 Tel: +27 (0) 21 542 2000  
 Fax: +27 (0) 21 542 2006  
 www.mtn.com

**WITKLOOF**

BASE STATION NUMBER  
**T9534**

REV	DATE	BY	DESCRIPTION
A	19/03/2012	RG	FIRST ISSUE

NOTES  
 OWNER 1: VENTER GERT DIERIK JOHANNES  
 OWNER 2: VENTER ANGELOKA

STRICTLY COMPANY CONFIDENTIAL  
 PORTION IS OF THE FARM WITKLOOF 408 JT

COORDINATES  
 LAT: 26° 55' 00.607" S  
 LONG: 30° 03' 29.107" E

PROJECT  
 NEW 9x9m TELECOMMUNICATION BASESTATION WITH A 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS  
 THE FARM WITKLOOF, 408 JT  
 OFF THE R33  
 HOUITGEDAGHT DAM NATURE RESERVE  
 MPUMALANGA

INFRASTRUCTURE PLANNING SERVICES  
**IPS**

414 Rennie Road  
 Fouriesburg  
 0184  
 Tel: +27 (0) 800 12048  
 Fax: +27 (0) 800 7072  
 Email: info@ips.co.za

P O Box 33017  
 Johannesburg  
 0154

PROJECT NUMBER  
 127452

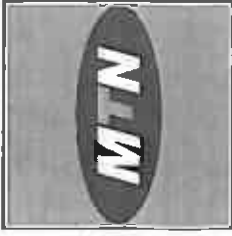
DATE: 19/03/2012  
 REF. NO: 81279534

DRAWN: R. GELDENHUIJS  
 SCALE: 1:100

ISSUE 1: REVISION 0 NOVEMBER 2007  
 INFRASTRUCTURE SPECIFICATION R101/100

ALL WORK TO BE REFERENCED TO MTN SITE  
 OF WORKS SPECIFICATION R101/100

DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE  
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT  
 OF WORK.



1287 Phokeng Road  
 1601 R. Mankweng  
 Pretoria 0001  
 Tel: +27 (0) 342 2000  
 Fax: +27 (0) 342 9200  
 e-mail: info@mtn.co.za

1287 Phokeng Road  
 1601 R. Mankweng  
 Pretoria 0001  
 Tel: +27 (0) 342 2000  
 Fax: +27 (0) 342 9200  
 e-mail: info@mtn.co.za

SITE NAME  
**WITKLOOF**

BASE STATION NUMBER  
**T9534**

REV	DATE	BY	DESCRIPTION
A	19/03/2012	RG	FIRST ISSUE

NOTES  
 OWNER 1 VENTER GERT DEBRIG JOHANNES  
 OWNER 2 VENTER ANGELINA

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION  
 PORTION 75 OF THE FARM WITKLOOF 408 JT

COORDINATES  
 LAT: 25° 55' 00.637" S  
 LONG: 30° 03' 20.707" E

PROJECT  
 NEW 90m TELECOMMUNICATION BASESTATION WITH A  
 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS  
 THE FARM WITKLOOF 408 JT  
 OFF THE R33  
 NOOTGEDACHT DAM NATURE RESERVE  
 MPUMALANGA

**INFRASTRUCTURE  
 PLANNING SERVICES**

IPS

44 Peka Road  
 44 Peka Road  
 0184  
 Tel: +27 (0) 264 15546  
 Fax: +27 (0) 264 15546  
 www.ipsinfra.com

P.O. Box 20017  
 Centurion  
 0154

RFQ NO.  
 102070

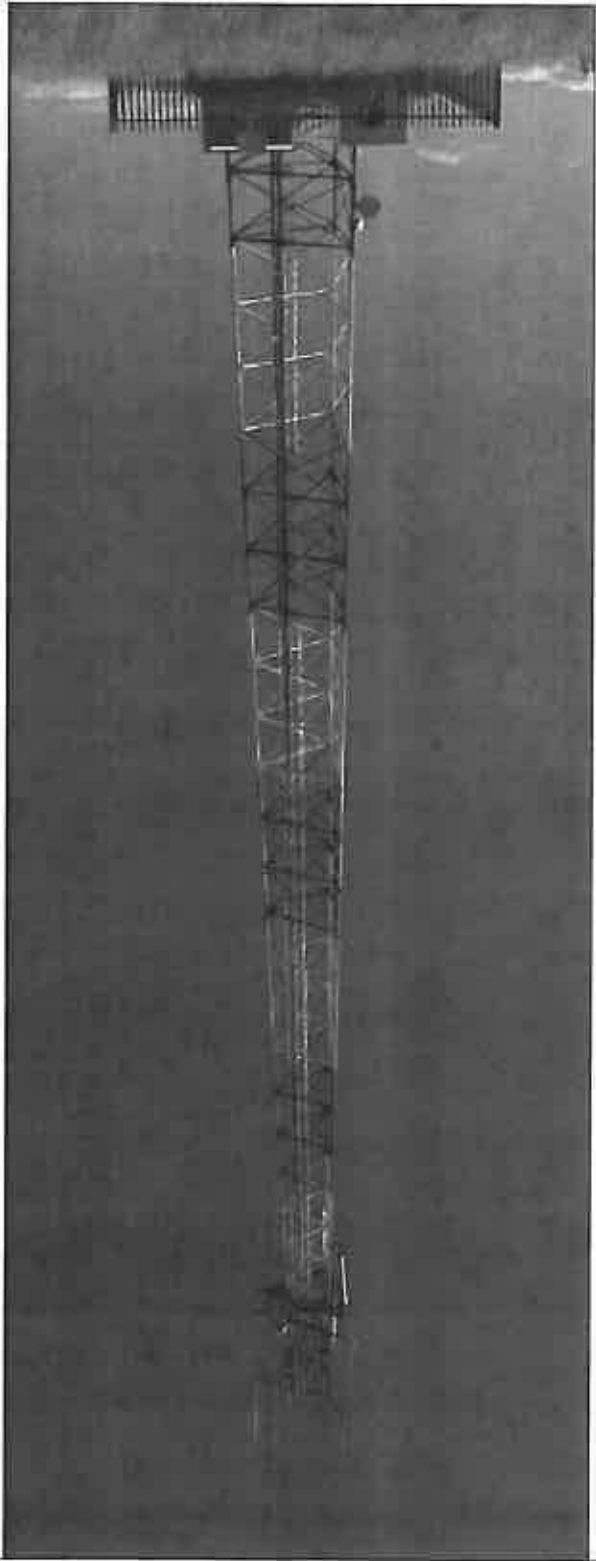
PROJECT NUMBER  
 127452

DRAWN: R. GELDENHUIS DATE: 19/03/2012  
 SCALE: NTS REF. NO: 8127F9534

DRAMINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE  
 USED DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT  
 OF WORK.  
 ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE  
 INFRASTRUCTURE SPECIFICATION R011/001  
 ISSUE 1 REVISION 9 NOVEMBER 2007

**FACILITY ILLUSTRATION**  
**SHEET 9 OF 9**

(PAINTED RED AND WHITE)  
 TYPICAL 3-LEGGED LATTICE MAST



**REGISTERED LETTER**  
**GEREGISTREERDE BRIEF** T9534



(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan

Mpumalanga Tourism & Parks Agency  
 Private Bag x11338  
 Nelspruit

11200 Postcode  
 Poskode

The value of the contents of this letter is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional insurance up to R2 000.00 is available and applies to domestic registered letters only.

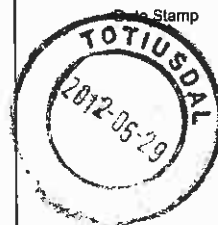
Die waarde van die inhoud van hierdie brief is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder voorbehoud ontvang word nie. Vergoeding is beperk tot R100.00. Geen vergoeding is sonder dokumentêre bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en is slegs op binnelandse geregistreerde briewe van toepassing.

Postage paid R \_\_\_\_\_ c  
 Service fee / Diensgeld R \_\_\_\_\_ c  
 Insurance / Versekering R \_\_\_\_\_ c  
 Total / Totaal R \_\_\_\_\_ c

Insured value of contents  
 Versekerde waarde van inhoud R \_\_\_\_\_ c

Enquiries/Navrae  
 Toll-free number  
 Toelvy nommer  
 0800 111 502

Initial of  
 accepting  
 officer



RD 538 900 577 ZA  
 CUSTOMER COPY 301028R  
 Klienstatuskopie

Paraaf van  
 aaneem-  
 beampte

Datumstempel

Leboco Ultra Printers 011 493 7921 701281

Our Reference:  
T9534 /17/2/3/ GS-115

Your Reference:

21 June 2012

Mpumalanga Tourism and Parks Agency  
Private Bag x11338  
Nelspruit  
1200



Reg. No. 2001/080535/23  
PO Box 32017, Totiusdal, 0134  
414 Rustic Road  
Silvertondale, 0184  
Pretoria

Tel: (012) 804 1504 / 6  
Fax: (012) 804 7072

e-mail : [admin@torbiousolutions.co.za](mailto:admin@torbiousolutions.co.za)

**DEAR SIR/MADAM**

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & 9B) : (A) II (BB), (CC),(EE) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 15 OF THE FARM WITKLOOF 408 JT**

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environment and Tourism to establish a telecommunication base station on **Portion 15 of the farm Witkloof 408 JT**

Attached hereto find:

1. Public Participation notice
2. Site Development plan
3. Facility Illustration

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

Yours faithfully

A handwritten signature in black ink, appearing to read 'WA Van't Foort', is written over a light blue horizontal line.

**WA VAN'T FOORT**  
For: Torbious Solutions CC

## PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER:17/2/3/GS-115

Regulation 546 activity 3 (a) & (b): (a) ii (bb), (cc), (ee) and (gg) Establishment of an enclosed telecommunication base station with a 54m mast for MTN (Pty) Ltd: T9534 Witkloof

Location: Portion 15 of the farm Witkloof

Co-ordinates (WGS84 format) of the alternatives on the above property

**Alternative 1:** Latitude:25° 56' 00.6" S Longitude:30° 03' 26.7" E  
Lattice type mast – Painted Red and White

Notice is hereby given of a public participation process in terms of the Environmental Impact Assessment Regulations 2010 (R543) as amended and promulgated in terms of the National Environmental Management Act 1998 (Act No. 107 of 1998) as amended ("NEMA").

Basic assessment procedures will be applied in accordance with regulation 543 and an application is to be submitted to the Mpumalanga Department of Economic Development, Environment and Tourism.

The applicant furthermore intends to apply to the Mpumalanga Department of Economic Development, Environment and Tourism for exemption in terms of regulation 50(1) of the Environmental Impact Assessment Regulations 2010 (R543) to assess alternatives with regard to the planned activity.

**Applicant:**  
MTN (Pty) Ltd, P.O. Box 4559, Northcliff, 2115.

**Environmental Assessment Practitioner (EAP):**  
Torbiouse Solutions CC.  
P.O. Box 32017, Totiusdal, 0134  
Attention: Monica Niehof  
Telephone: (012) 804 1504/6; Facsimile: (012) 804 7072  
E-mail: admin@torbiousesolutions.co.za

Further information regarding the proposed activity can be obtained from the EAP.

Any interested and affected party may, **in writing**, make representations on the proposed activity or request to be registered as an interested and affected party, by submitting the written representations or registration request, including their name, physical & postal addresses (including facsimile & e-mail where possible) and contact number(s) and quoting the activity reference number, to the EAP within 30 calendar days from the publication of this notice.

Notice publication date:

21 June 2012

## UHLELO LOKUHLANGANYELA KOMPHEKATHI

INOMBOLO YEREFERENSI: 17/2/3/GS-115

Umyalelo womithetho 546 umsebenzi 3 (a) & (b): (a) ii (bb), (cc), (ee) and (gg) Isakhiwo esiyisizinda sezokuxhumana ngocingo esivalekile se-MTN (Pty) Ltd ene-mast engama-54m kanye nendawo (nezindawo) yokubeka impahla: T9534 Witkloof

Indawo: Portion 15 of the Farm Witkloof 408 JT

Ezinye izindawo zezizinda ezihlukile ezifana nalesi esingenhla (WGS84 isimo sokwakheka):

**Esihlukile 1:** Ububanzi: 25° 56' 00.6" S Ubude: 30° 03' 26.7" E  
Induku ye-lattice ependwe ngokubomvu nokumhlophe

Ngalokhu kunikezwa isaziso senqubo yokubamba iqhaza komphakathi ngokuhambisana Nemithetho Yokuhlola Umthelela Wamandla Kwezenhlo (i-Environmental Impact Assessment Regulations) ka-2010 (R543) njengoba ichibiyelwe yamenyenzelwa ngokuhambisana Nomithetho Wokuphatha Ezenhlo Kuzwelonke (i-National Environmental Management Act) ka-1998 (Umthetho weNombolo-107 ka-1998) njengoba uchibiyelwe (i-"NEMA").

Izinqubo eziyisisekelo zokuhlola zizosetshenziswa ngokuvumelana nemiyalelo yomithetho 543 bese kufakwa isicelo eMnyangweni Wezolimo, Ukunakekela kanye neZemvelo WaseMpumalanga. Umenzi wesicelo uhlose futhi ukwenza isicelo kuMnyango Wezolimo waseMpumalanga, Ukulondolozwa Kwamagugu Nezemvelo ukuze akhuluwe ngokwemibandela yomithetho 50(1) weMithetho Yokuhlola Kokuthinteka Kwemvelo ka-2010 (R543) ukuze ahlole ezinye izindlela zokuhubeka nomsebenzi ohleliwi.

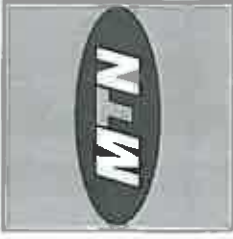
**Umntu ofaka isicelo:**  
MTN (Pty) Ltd, P.O. Box 4559, Northcliff, 2115.

**Isibenzi Esihlole Ezemvelo (Environmental Assessment Practitioner (EAP)):**  
Torbiouse Solutions CC., P.O. Box 32017, Totiusdal, 0134  
kuqondiswe ku- Monica Niehof  
Ucingo: (012) 804 1504/6, ifeksi: (012) 804 7072.  
i-e-meyili: admin@torbiousesolutions.co.za

Olunye ulwazi maqondana nalo msebenzi ohlongozwayo lungatholakala ku-EAP. Nanoma ubani omunye othandayo nothintekayo, **ngokubhala**, makenze isitatimende ngomsebenzi ohlongozwayo noma isicelo sokubhaliswa njengomuntu onothando noma othintekayo, ngokuthi alethe isitatimende esibhalwe noma isicelo sokubhalisa, namagama abo, ikheli lendawo neleposi (kufakwe ifeksi ne-e-meyili uma kunokwenzeka) kanye nezinombolo zokubathinta futhi basho nenombolo yereferensi yomsebenzi, ku-EAP ezinsukwini zekhalenda ezingama-30 kusukela ekushicilelweni kwalesi saziyo.

Usuku lokushicilelwa kweSaziso:

21 June 2012



1287 Pretorius Street  
 District 6, Harare  
 Harare, Zimbabwe  
 Tel: +27 (0) 31 342 2800  
 Fax: +27 (0) 31 342 8008  
 Postal Code: 1005  
 Postal Suite: 148  
 Private Bag: 715  
 Harare, Zimbabwe

**SITE NAME**  
 WITKLOOF

**BASE STATION NUMBER**  
 T9534

REV	DATE	BY	DESCRIPTION
A	19/03/2012	R/G	FIRST ISSUE

**NOTES**  
 OWNER 1: VENTER DEBIEK JOHANNES  
 OWNER 2: VENTER ANGELEKA

**PROPERTY DESCRIPTION**  
 STRICTLY COMPANY CONFIDENTIAL  
 PORTION 15 OF THE FARM WITKLOOF 408 JT

**COORDINATES**  
 LAT: 25°56'00.80" S  
 LONG: 30°03'26.70" E

**PROJECT**  
 NEW 900m TELECOMMUNICATION BASESTATION WITH A 54m LATTICE MAST FOR MTN (PTY) LTD

**ADDRESS**  
 THE FARM WITKLOOF 408 JT  
 OFF THE R33  
 NOOTLEDACHT DAM NATURE RESERVE  
 IMPHUMALANGA

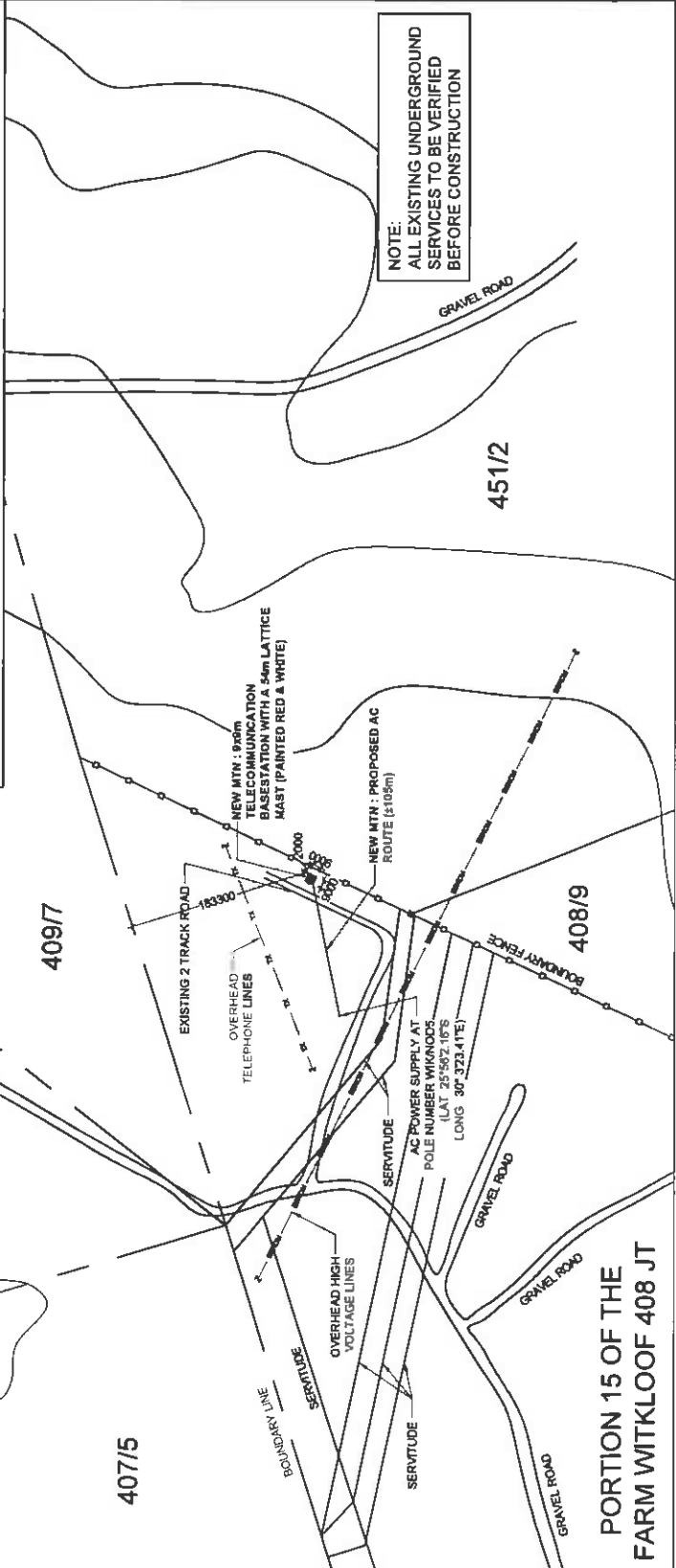
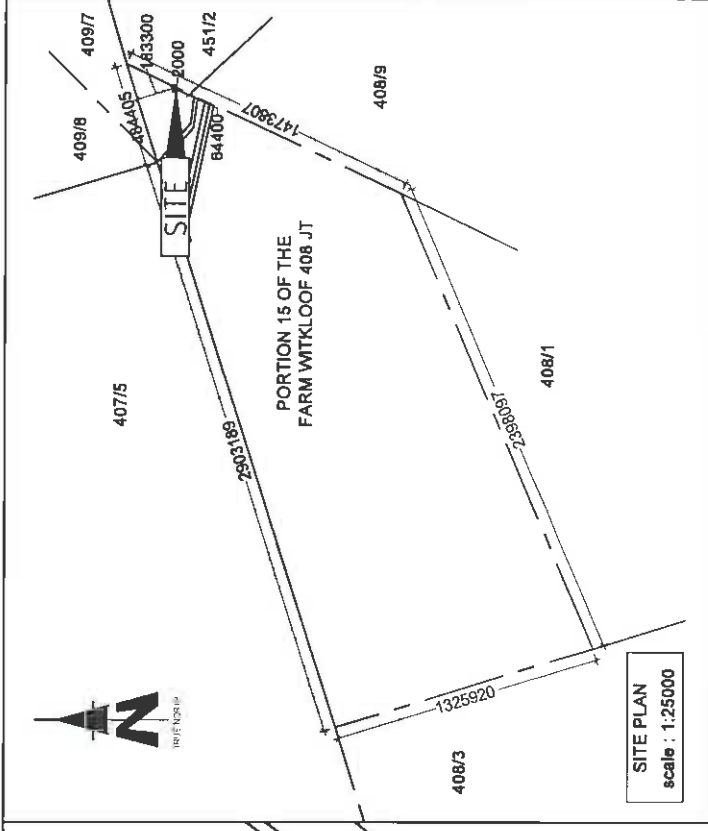


414 Rennie Road  
 Harare, Zimbabwe  
 Tel: +27 (0) 31 19048  
 Fax: +27 (0) 31 19049  
 Email: info@ips.co.zw

**PROJECT NUMBER**  
 121452

**DRAWN**: R. GELDENHUIJS  
**DATE**: 19/03/2012  
**SCALE**: 1:5000

**REF NO**: B12179534  
**SITE DEVELOPMENT PLAN**  
**SHEET 3 OF 9**



**NOTE:**  
 ALL EXISTING UNDERGROUND SERVICES TO BE VERIFIED BEFORE CONSTRUCTION

**PORTION 15 OF THE FARM WITKLOOF 408 JT**





181 F. D'Ardenne Street  
 1st Floor, The Exchange Centre  
 Singapore, 048933  
 Tel: +65 434 1500  
 Fax: +65 434 1501  
 www.mtn.com.sg

Private Sales 148  
 Riverside Drive #19  
 Singapore

**SITE NAME** WTKLOOF

**BASE STATION NUMBER** T9534

REV	DATE	BY	DESCRIPTION
A	18/03/2012	RG	FIRST ISSUE

**NOTES**  
 OWNER 1: VENTERGEBREKERS, JOHANNES  
 OWNER 2: VENTER ANSELKA

**PROPERTY DESCRIPTION**  
 STRICTLY COMPANY CONFIDENTIAL  
 PORTION 15 OF THE FARM WTKLOOF 408 JT

**COORDINATES**  
 LAT: 25° 58' 06.00" S  
 LONG: 30° 07' 26.70" E

**PROJECT**  
 NEW 90m TELECOMMUNICATION BASESTATION WITH A  
 54m LATTICE MAST FOR MTN (PTY) LTD

**ADDRESS**  
 THE FARM WTKLOOF 408 JT,  
 OFF THE R33,  
 MOOTGEBACHT DAM NATURE RESERVE  
 BPCULALANGA

**414 Bunk Road**  
 Singapore  
 014  
 Tel: +27 12 604 19049  
 Fax: +27 12 604 19072  
 www.infrastructurerepublic.com

**PROJECT NUMBER**  
 127442

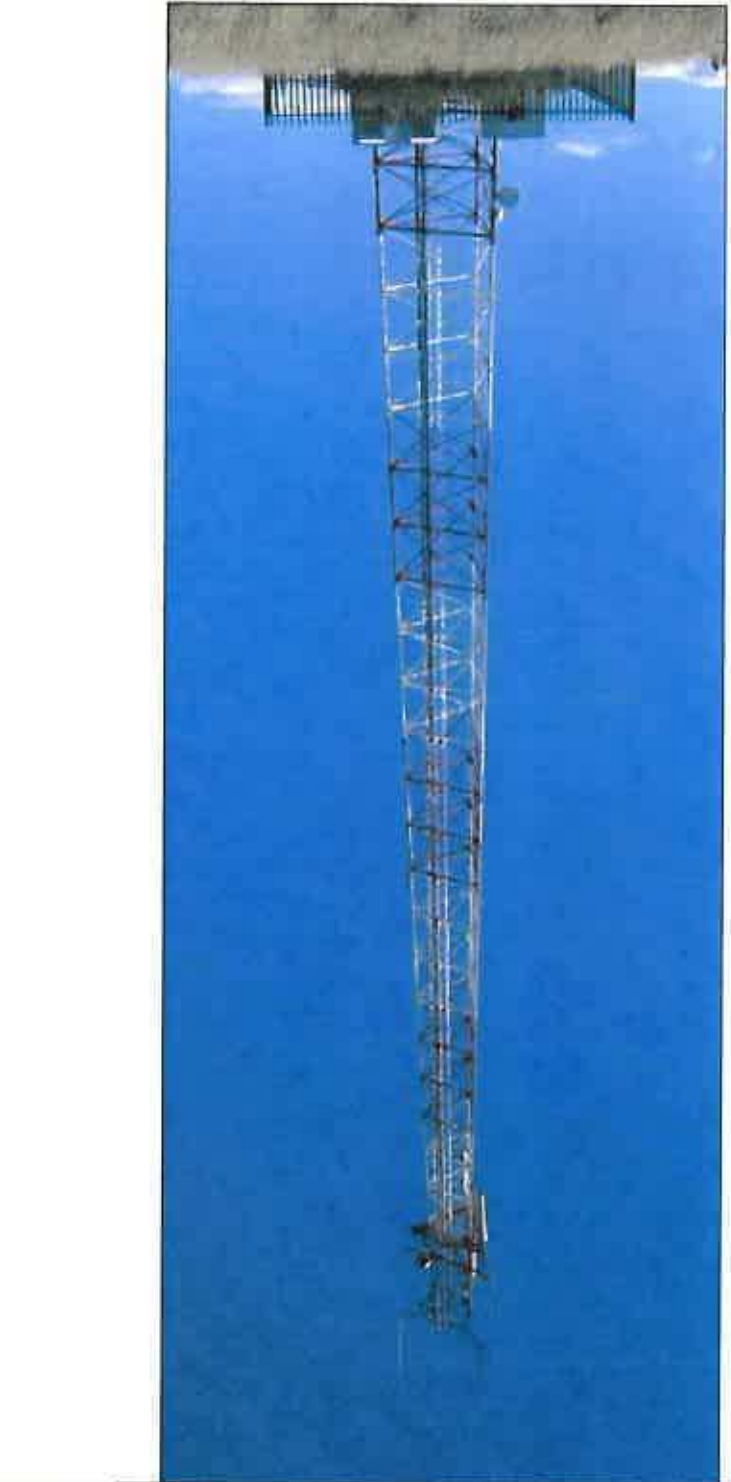
**DRAWN** R. GELDERHUIS  
**DATE** 18/03/2012  
**SCALE** NTS  
**REF. NO.** B1270634

**DRAWING NOT TO BE SCALED. ONLY DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.**  
**ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE INFRASTRUCTURE SPECIFICATION (MOUNTAIN BUILDING) REVISION 0 NOVEMBER 2007**

**FACILITY ILLUSTRATION**  
**SHEET 0 OF 9**



(PAINTED RED AND WHITE)  
 TYPICAL 3-LEGGED LATTICE MAST



# List of REGISTERED LETTERS Lys van GEREgistreerde Briewe (with an insurance option/met 'n versekeringsopsie)

T 9534



Post Office

Full tracking and tracing/Volledige volg en spoor

Name and address of sender: **TORBUOSE SOLUTIONS**  
 Naam en adres van afsender: TEL. 012 804 1504/8  
 BOX 32017 TOTTUSPA L 0134

Enquiries/Navrae  
 Toll-free number  
 Tolvry nommer  
**0800 111 502**

No	Name and address of addressee Naam en adres van geadresseerde	Insured amount Versekerde bedrag	Insurance fee Versekeringsgeld	Postage Posgeld	Service fee Diensgeld	Affix Track and Trace customer copy Plak Volg-en-Spoor-kliëntafskrif
1	Nektac Inv. No 33 Pty Ltd P.o. Box Krugersdorp 1740.	Owner 1 Portion 5 of the farm Van Wyks vlei 401 JT				REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RD 748 004 399 ZA CUSTOMER COPY 301028R
2	Wille and Leana Trustfonds Trust P.o. Box 314 Ermelo 2350.	Owner Ptn 8 of the farm Frischgewaag 409 JT				REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RD 748 004 385 ZA CUSTOMER COPY 301028R
3	South African Heritage Resources Agency P.o. Box 4637 Cape Town 8000.					REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RD 748 004 408 ZA CUSTOMER COPY 301028R
4	Dawn Dayer Eendomme Pty Ltd P.o. Box 210 Ermelo 2350	Owner Ptn 7 of the farm Frischgewaag 409 JT				REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RD 748 004 411 ZA CUSTOMER COPY 301028R
5	Omnia Group Pty Ltd P.o. Box 69888 Bryanston 2021.	Owner Remaining Extent Ptn 3 of the farm Wilkloof 408 JT				REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RD 748 004 425 ZA CUSTOMER COPY 301028R
6	P.A. Swinepel 363 Horn Street Pretoria 0002.	Owner R.E. of Ptn 1 and R.E. Ptn 9 of the farm Wilkloof 408				REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RD 748 004 252 ZA CUSTOMER COPY 301028R
7	Nic De Beer Pty Ltd P.o. Box 543 Belfast 1105	Owner 2 Portion 5 of the farm Van Wyks vlei 407 JT				REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RD 748 004 266 ZA CUSTOMER COPY 301028R
8						
9						
10						

Number of letters posted  
 Getal briewe gepos ..... 7

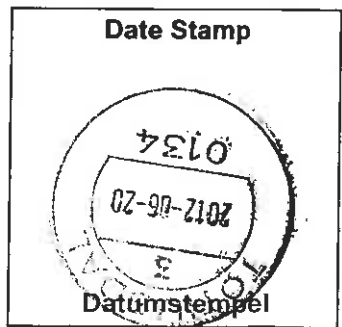
Total Totaal	R	R	R	R
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Signature of client  
 Handtekening van kliënt..... *[Signature]*

Signature of accepting officer  
 Handtekening van aanneembeampte.....

The value of the contents of these letters is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100,00. No compensation is payable without documentary proof. Optional insurance of up to R2 000,00 is available and applies to domestic registered letters only.

Die waarde van die inhoud van hierdie briewe is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder voorbehoud ontvang word nie. Vergoeding is beperk tot R100,00. Geen vergoeding is sonder dokumentêre bewys betaalbaar nie. Opsionele versekering van tot R2 000,00 is beskikbaar en is slegs op binnelandse geregistreerde briewe van toepassing.



Our Reference:  
T9534 /17/2/3/ GS-115

Your Reference:

21 June 2012

South African Heritage Resources Agency  
P O Box 4637  
Cape Town  
8000



Reg. No. 2001/080535/23  
PO Box 32017, Totiusdal, 0134  
414 Rustic Road  
Silvertondale, 0184  
Pretoria

Tel: (012) 804 1504 / 6  
Fax: (012) 804 7072  
e-mail : admin@torblousesolutions.co.za

**DEAR SIR/MADAM**

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & 9B) : (A) II (BB), (CC),(EE) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 15 OF THE FARM WITKLOOF 408 JT**

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environment and Tourism to establish a telecommunication base station on **Portion 15 of the farm Witkloof 408 JT**

Attached hereto find:

1. Public Participation notice
2. Site Development plan
3. Facility Illustration

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

Yours faithfully

*P.P. W*  
**WA VAN'T FOORT**  
For: Torblouse Solutions CC

## PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER:17/2/3/GS-115

Regulation 546 activity 3 (a) & (b): (a) ii (bb), (cc), (ee) and (gg) Establishment of an enclosed telecommunication base station with a 54m mast for MTN (Pty) Ltd: T9534 Witkloof

Location: Portion 15 of the farm Witkloof

Co-ordinates (WGS84 format) of the alternatives on the above property

**Alternative 1:** Latitude:25° 56' 00.6" S Longitude:30° 03' 26.7" E  
Lattice type mast – Painted Red and White

Notice is hereby given of a public participation process in terms of the Environmental Impact Assessment Regulations 2010 (R543) as amended and promulgated in terms of the National Environmental Management Act 1998 (Act No. 107 of 1998) as amended ("NEMA").

Basic assessment procedures will be applied in accordance with regulation 543 and an application is to be submitted to the Mpumalanga Department of Economic Development, Environment and Tourism.

The applicant furthermore intends to apply to the Mpumalanga Department of Economic Development, Environment and Tourism for exemption in terms of regulation 50(1) of the Environmental Impact Assessment Regulations 2010 (R543) to assess alternatives with regard to the planned activity.

**Applicant:**  
MTN (Pty) Ltd, P.O. Box 4559, Northcliff, 2115.

**Environmental Assessment Practitioner (EAP):**  
Torbiouse Solutions CC.  
P.O. Box 32017, Totiusdal, 0134  
Attention: Monica Niehof  
Telephone: (012) 804 1504/6; Facsimile: (012) 804 7072  
E-mail: admin@torbiousesolutions.co.za

Further information regarding the proposed activity can be obtained from the EAP.

Any interested and affected party may, **in writing**, make representations on the proposed activity or request to be registered as an interested and affected party, by submitting the written representations or registration request, including their name, physical & postal addresses (including facsimile & e-mail where possible) and contact number(s) and quoting the activity reference number, to the EAP within 30 calendar days from the publication of this notice.

Notice publication date:

21 June 2012

## UHLELO LOKUHLANGANYELA KOMPHEKATHI

INOMBOLO YEREFERENSI: 17/2/3/GS-115

Umyalelo womithetho 546 umsebenzi 3 (a) & (b): (a) ii (bb), (cc), (ee) and (gg) Isakhiwo esiyisizinda sezokuxhumana ngocingo esivalekile se-MTN (Pty) Ltd ene-mast engama-54m kanye nendawo (nezindawo) yokubeka impahla: T9534 Witkloof

Indawo: Portion 15 of the Farm Witkloof 408 JT

Ezinye izindawo zezizinda ezihlukile ezifana nalesi esingenhla (WGS84 isimo sokwakheka):

**Esihlukile 1:** Ububanzi: 25° 56' 00.6" S Ubude: 30° 03' 26.7" E  
Induku ye-lattice ependwe ngokubomvu nokumhlophe

Ngalokhu kunikezwa isaziso senqubo yokubamba iqhaza komphakathi ngokuhambisana Nemithetho Yokuhlola Umthelela Wamandla Kwezenhlo (i-Environmental Impact Assessment Regulations) ka-2010 (R543) njengoba ichibiyelwe yamenyenzelwa ngokuhambisana Nomithetho Wokuphatha Ezenhlo Kuzwelonke (i-National Environmental Management Act) ka-1998 (Umthetho weNombolo-107 ka-1998) njengoba uchibiyelwe (i-"NEMA").

Izinqubo eziyisisekelo zokuhlola zizosetshenziswa ngokuvumelana nemiyalelo yomithetho 543 bese kufakwa isicelo eMnyangweni Wezolimo, Ukunakekela kanye neZemvelo WaseMpumalanga. Umenzi wesicelo uhlose futhi ukwenza isicelo kuMnyango Wezolimo waseMpumalanga, Ukulondolozwa Kwamagugu Nezemvelo ukuze akhuluwe ngokwemibandela yomithetho 50(1) weMithetho Yokuhlola Kokuthinteka Kwemvelo ka-2010 (R543) ukuze ahlole ezinye izindlela zokuhubeka nomsebenzi ohleliwi.

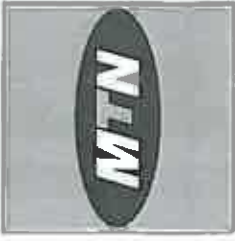
**Umntu ofaka isicelo:**  
MTN (Pty) Ltd, P.O. Box 4559, Northcliff, 2115.

**Isibenzi Esihlole Ezemvelo (Environmental Assessment Practitioner (EAP)):**  
Torbiouse Solutions CC., P.O. Box 32017, Totiusdal, 0134  
kuqondiswe ku- Monica Niehof  
Ucingo: (012) 804 1504/6, ifeksi: (012) 804 7072.  
i-e-meyili: admin@torbiousesolutions.co.za

Olunye ulwazi maqondana nalo msebenzi ohlongozwayo lungatholakala ku-EAP. Nanoma ubani omunye othandayo nothintekayo, **ngokubhala**, makenze isitatimende ngomsebenzi ohlongozwayo noma isicelo sokubhaliswa njengomuntu onothando noma othintekayo, ngokuthi alethe isitatimende esibhalwe noma isicelo sokubhalisa, namagama abo, ikheli lendawo neleposi (kufakwe ifeksi ne-e-meyili uma kunokwenzeka) kanye nezinombolo zokubathinta futhi basho nenombolo yereferensi yomsebenzi, ku-EAP ezinsukwini zekhalenda ezingama-30 kusukela ekushicilelweni kwalesi saziyo.

Usuku lokushicilelwa kweSaziso:

21 June 2012



1287 Pretorius Street  
 District 6, Henkelskop Complex  
 Johannesburg, 2003  
 Tel: +27 (0) 21 542 2800  
 Fax: +27 (0) 21 542 8008  
 Postal Code: 2007  
 Postal Address: 148  
 Private Bag 715  
 Henkelskop

**SITE NAME**  
 WITKLOOF

**BASE STATION NUMBER**  
 T9534

REV	DATE	BY	DESCRIPTION
A	19/03/2012	R/G	FIRST ISSUE

**NOTES**  
 OWNER 1: VENTER DEBIEK JOHANNES  
 OWNER 2: VENTER ANGELEKA

**PROPERTY DESCRIPTION**  
 STRICTLY COMPANY CONFIDENTIAL  
 PORTION 15 OF THE FARM WITKLOOF 408 JT

**COORDINATES**  
 LAT: 25°56'00.80" S  
 LONG: 30°32'26.70" E

**PROJECT**  
 NEW 900m TELECOMMUNICATION BASESTATION WITH A 54m LATTICE MAST FOR MTN (PTY) LTD

**ADDRESS**  
 THE FARM WITKLOOF 408 JT  
 OFF THE R33  
 NOOTJEDACHT DAM NATURE RESERVE  
 MPMALANGA



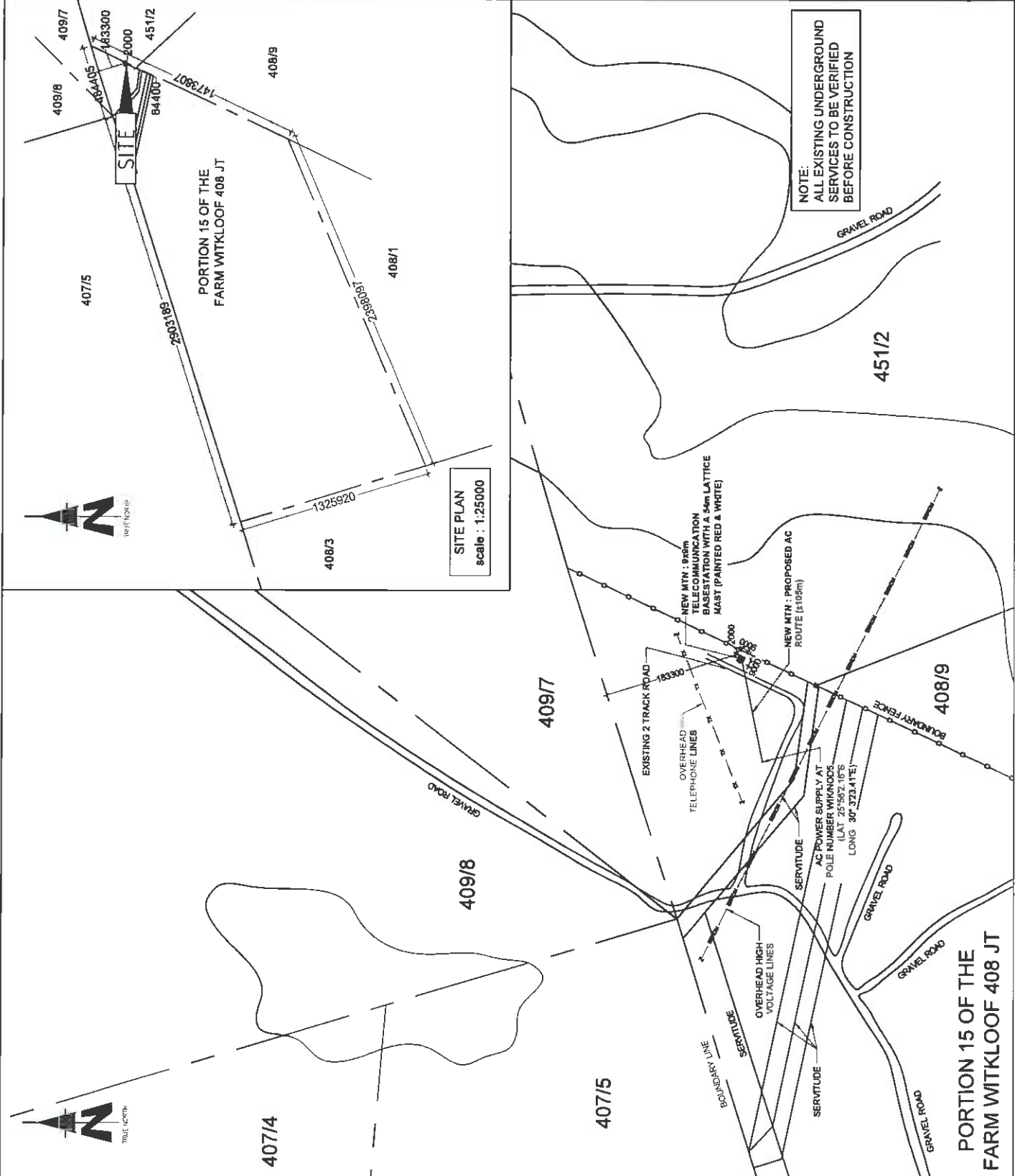
414 Ruyter Road  
 Henkelskop  
 Johannesburg, 2003  
 Tel: +27 (0) 21 5948  
 Fax: +27 (0) 21 5949  
 Email: info@ips.co.za

**PROJECT NUMBER**  
 121452

**DRAWN**: R. GELDENHUIJS  
**SCALE**: 1:5000

**DATE**: 19/03/2012  
**REF NO**: B12179534

**SITE DEVELOPMENT PLAN**  
 SHEET 3 OF 9



**NOTE:**  
 ALL EXISTING UNDERGROUND SERVICES TO BE VERIFIED BEFORE CONSTRUCTION

**SITE PLAN**  
 scale: 1:25000

**PORTION 15 OF THE FARM WITKLOOF 408 JT**



181 F. D'Ardenne Street  
 1st Floor, The Exchange Centre  
 Singapore, 048413  
 Tel: +65 434 15949  
 Fax: +65 434 15972  
 Email: info@ipps.com.sg

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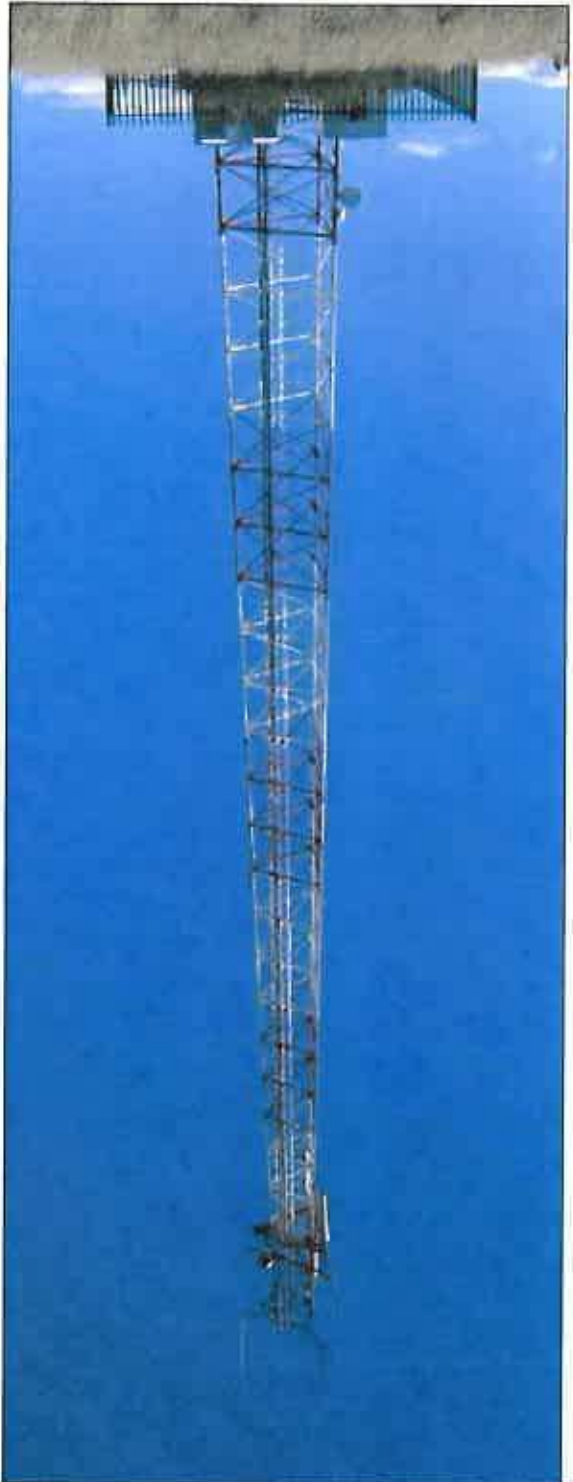
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 Email: info@ipps.com.sg



TYPICAL 3-LEGGED LATTICE MAST (PAINTED RED AND WHITE)

**WTKLOOF**

BASE STATION NUMBER: T9534

REV	DATE	BY	DESCRIPTION
A	18/03/2012	RG	FIRST ISSUE

NOTES:  
 OWNER 1: VENTERGEBIT RECEPM, JOHANNESBURG  
 OWNER 2: VENTER ANSELKA

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION:  
 PORTION 15 OF THE FARM WTKLOOF 408 JT

COORDINATES:  
 LAT: 25° 58' 06.00" S  
 LONG: 30° 07' 26.70" E

PROJECT:  
 NEW 90m TELECOMMUNICATION BASESTATION WITH A 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:  
 THE FARM WTKLOOF 408 JT,  
 OFF THE R33,  
 MOOTGEBACHT DAM NATURE RESERVE  
 SEPULLANGA



414 Bunk Road  
 Singapore  
 P.O. Box 25017  
 Tel: +65 434 15949  
 Fax: +65 434 15972  
 Email: info@ipps.com.sg

PROJECT NUMBER:  
 127442

DRAWN: R. GELDERHUIS  
 DATE: 18/03/2012  
 SCALE: NTS  
 REF. NO: B1270634

DRAWN: R. GELDERHUIS  
 DATE: 18/03/2012  
 SCALE: NTS  
 REF. NO: B1270634

FACILITY ILLUSTRATION  
 SHEET 0 OF 9

DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.  
 ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE INFRASTRUCTURE SPECIFICATION (MOTION 18/01/2011) ISSUE 1: REVISION 0 NOVEMBER 2007



Our Reference:  
T9534 /17/2/3/ GS-115

Your Reference:

21 June 2012

**Owner 1 Portion 5 of the Farm Van Wyksvlei 407JT**  
Netrac Inv No 33 Pty Ltd  
Po Box 997  
Krugersdorp  
1740



Reg. No. 2001/080535/23  
PO Box 32017, Totiusdal, 0134  
414 Rustic Road  
Silvertondale, 0184  
Pretoria

Tel: (012) 804 1504 / 6  
Fax: (012) 804 7072

e-mail: [admin@torblousesolutions.co.za](mailto:admin@torblousesolutions.co.za)

**DEAR SIR/MADAM**

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (BB), (CC), (EE) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 15 OF THE FARM WITKLOOF 408 JT**

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environment and Tourism to establish a telecommunication base station on **Portion 15 of the farm Witkloof 408 JT**

Attached hereto find:

1. Public Participation notice
2. Site Development plan
3. Facility Illustration

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

Yours faithfully

  
**WA VAN'T FOORT**  
For: Torbious Solutions CC

Our Reference:  
T9534 /17/2/3/ GS-115

Your Reference:

21 June 2012

**Owner 2 Portion 5 of the Farm Van Wyksvlei 407 JT**  
Nic De Beer Pty Ltd  
Po Box 543  
Belfast  
1100



Reg. No. 2001/080535/23  
PO Box 32017, Totiusdal, 0134  
414 Rustic Road  
Silvertondale, 0184  
Pretoria

Tel: (012) 804 1504 / 6  
Fax: (012) 804 7072

e-mail: [admin@torbiousolutions.co.za](mailto:admin@torbiousolutions.co.za)

**DEAR SIR/MADAM**

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (BB), (CC), (EE) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 15 OF THE FARM WITKLOOF 408 JT**

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environment and Tourism to establish a telecommunication base station **on portion 15 of the farm Witkloof 408 JT**

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2. Site Development plan
3. Facility Illustration

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

Yours faithfully

P. P. 

**WA VAN'T FOORT**  
For: Torbious Solutions CC



Our Reference:  
T9534 /17/2/3/ GS-115

Your Reference:

21 June 2012



**Owner Remaining Extent of Portion 1 and Remaining  
Extent Portion 9 of the Farm Witkloof 408 JT**

Mr P.A. Swanepoel  
363 Horn Street  
Pretoria  
0002

Reg. No. 2001/080535/23  
PO Box 32017, Totiusdal, 0134  
414 Rustic Road  
Silvertondale, 0184  
Pretoria

Tel: (012) 804 1504 / 6  
Fax: (012) 804 7072

e-mail: [admin@torbiouseolutions.co.za](mailto:admin@torbiouseolutions.co.za)

**DEAR SIR/MADAM**

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL  
MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR  
LISTED ACTIVITY 3 (A) & (B) : (A) II (BB), (CC), (EE) AND (GG) IN REGULATION 546:  
ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION  
15 OF THE FARM WITKLOOF 408 JT**

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environment and Tourism to establish a telecommunication base station on **Portion 15 of the farm Witkloof 408 JT**

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1. Public Participation notice
2. Site Development plan
3. Facility Illustration

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

Yours faithfully

  
**WA VAN'T FOORT**  
For: Torbiouse Solutions CC

Our Reference:  
T9534 /17/2/3/ GS-115

Your Reference:

21 June 2012

**Owner Remaining Extent Portion 3 of the  
Farm Witkloof 408 JT**  
Omnia Group Pty Ltd  
Po Box 69888  
Bryanston  
2021



Reg. No. 2001/080535/23  
PO Box 32017, Totlusdal, 0134  
414 Rustic Road  
Silvertondale, 0184  
Pretoria

Tel: (012) 804 1504 / 6  
Fax: (012) 804 7072

e-mail: [admin@torblousesolutions.co.za](mailto:admin@torblousesolutions.co.za)

**DEAR SIR/MADAM**

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL  
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15 OF THE FARM WITKLOOF 408 JT**


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2. Site Development plan
3. Facility Illustration

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

Yours faithfully

  
**WA VAN'T FOORT**  
For: Torblouse Solutions CC

Our Reference:  
T9534 /17/2/3/ GS-115

Your Reference:

21 June 2012

**Owner Portion 7 of the farm Frischgewaagd 409 JT**  
Duyn Doyer Eiendomme Pty Lt d  
Po Box 210  
Ermelo  
2350



**Reg. No. 2001/080535/23**  
PO Box 32017, Totiusdal, 0134  
414 Rustic Road  
Silvertondale, 0184  
Pretoria

Tel: (012) 804 1504 / 6  
Fax: (012) 804 7072  
e-mail : [admin@torbiousesolutions.co.za](mailto:admin@torbiousesolutions.co.za)

**DEAR SIR/MADAM**

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

Yours faithfully

**WA VAN'T FOORT**  
For: Torbiouse Solutions CC

Our Reference:  
T9534 /17/2/3/ GS-115

Your Reference:

21 June 2012

Owner Portion 8 of the farm Frischgewaard 409 JT  
Willie and Leona Trustfonds Trust  
P O Box 374  
Ermelo  
2350



Reg. No. 2001/080535/23  
PO Box 32017, Totlusdal, 0134  
414 Rustic Road  
Silvertondale, 0184  
Pretoria

Tel: (012) 804 1504 / 6  
Fax: (012) 804 7072

e-mail: [admin@torblousesolutions.co.za](mailto:admin@torblousesolutions.co.za)

**DEAR SIR/MADAM**

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) ; (A) II (BB), (CC), (EE) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 15 OF THE FARM WITKLOOF 408 JT**

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environment and Tourism to establish a telecommunication base station on **Portion 15 of the farm Witkloof 408 JT**

Attached hereto find:

1. Public Participation notice
2. Site Development plan
3. Facility Illustration

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

Yours faithfully

  
**WA VAN'T FOORT**  
For: Torbouse Solutions CC

## PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER:17/2/3/GS-115

Regulation 546 activity 3 (a) & (b): (a) ii (bb), (cc), (ee) and (gg) Establishment of an enclosed telecommunication base station with a 54m mast for MTN (Pty) Ltd: T9534 Witkloof

Location: Portion 15 of the farm Witkloof

Co-ordinates (WGS84 format) of the alternatives on the above property

**Alternative 1:** Latitude:25° 56' 00.6" S Longitude:30° 03' 26.7" E  
Lattice type mast – Painted Red and White

Notice is hereby given of a public participation process in terms of the Environmental Impact Assessment Regulations 2010 (R543) as amended and promulgated in terms of the National Environmental Management Act 1998 (Act No. 107 of 1998) as amended ("NEMA").

Basic assessment procedures will be applied in accordance with regulation 543 and an application is to be submitted to the Mpumalanga Department of Economic Development, Environment and Tourism.

The applicant furthermore intends to apply to the Mpumalanga Department of Economic Development, Environment and Tourism for exemption in terms of regulation 50(1) of the Environmental Impact Assessment Regulations 2010 (R543) to assess alternatives with regard to the planned activity.

**Applicant:**  
MTN (Pty) Ltd, P.O. Box 4559, Northcliff, 2115.

**Environmental Assessment Practitioner (EAP):**  
Torbiouse Solutions CC.  
P.O. Box 32017, Totiusdal, 0134  
Attention: Monica Niehof  
Telephone: (012) 804 1504/6; Facsimile: (012) 804 7072  
E-mail: admin@torbiousesolutions.co.za

Further information regarding the proposed activity can be obtained from the EAP.

Any interested and affected party may, **in writing**, make representations on the proposed activity or request to be registered as an interested and affected party, by submitting the written representations or registration request, including their name, physical & postal addresses (including facsimile & e-mail where possible) and contact number(s) and quoting the activity reference number, to the EAP within 30 calendar days from the publication of this notice.

Notice publication date:

21 June 2012

## UHLELO LOKUHLANGANYELA KOMPHEKATHI

INOMBOLO YEREFERENSI: 17/2/3/GS-115

Umyalelo womithetho 546 umsebenzi 3 (a) & (b): (a) ii (bb), (cc), (ee) and (gg) Isakhiwo esiyisizinda sezokuxhumana ngocingo esivalekile se-MTN (Pty) Ltd ene-mast engama-54m kanye nendawo (nezindawo) yokubeka impahla: T9534 Witkloof

Indawo: Portion 15 of the Farm Witkloof 408 JT

Ezinye izindawo zezizinda ezihlukile ezifana nalesi esingenhla (WGS84 isimo sokwakheka):

**Esihlukile 1:** Ububanzi: 25° 56' 00.6" S Ubude: 30° 03' 26.7" E  
Induku ye-lattice ependwe ngokubomvu nokumhlophe

Ngalokhu kunikezwa isaziso senqubo yokubamba iqhaza komphakathi ngokuhambisana Nemithetho Yokuhlola Umthelela Wamandla Kwezenhlo (i-Environmental Impact Assessment Regulations) ka-2010 (R543) njengoba ichibiyelwe yamenyenzelwa ngokuhambisana Nomithetho Wokuphatha Ezenhlo Kuzwelonke (i-National Environmental Management Act) ka-1998 (Umthetho weNombolo-107 ka-1998) njengoba uchibiyelwe (i-"NEMA").

Izinqubo eziyisisekelo zokuhlola zizosetshenziswa ngokuvumelana nemiyalelo yomithetho 543 bese kufakwa isicelo eMnyangweni Wezolimo, Ukunakekela kanye neZemvelo WaseMpumalanga. Umenzi wesicelo uhlose futhi ukwenza isicelo kuMnyango Wezolimo waseMpumalanga, Ukulondolozwa Kwamagugu Nezemvelo ukuze akhuluwe ngokwemibandela yomithetho 50(1) weMithetho Yokuhlola Kokuthinteka Kwemvelo ka-2010 (R543) ukuze ahlole ezinye izindlela zokuhubeka nomsebenzi ohleliwi.

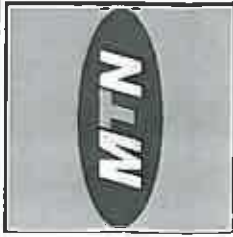
**Umntu ofaka isicelo:**  
MTN (Pty) Ltd, P.O. Box 4559, Northcliff, 2115.

**Isibenzi Esihlole Ezemvelo (Environmental Assessment Practitioner (EAP)):**  
Torbiouse Solutions CC., P.O. Box 32017, Totiusdal, 0134  
kuqondiswe ku- Monica Niehof  
Ucingo: (012) 804 1504/6, ifeksi: (012) 804 7072,  
i-e-meyili: admin@torbiousesolutions.co.za

Olunye ulwazi maqondana nalo msebenzi ohlongozwayo lungatholakala ku-EAP. Nanoma ubani omunye othandayo nothintekayo, **ngokubhala**, makenze isitatimende ngomsebenzi ohlongozwayo noma isicelo sokubhaliswa njengomuntu onothando noma othintekayo, ngokuthi alethe isitatimende esibhalwe noma isicelo sokubhalisa, namagama abo, ikheli lendawo neleposi (kufakwe ifeksi ne-e-meyili uma kunokwenzeka) kanye nezinombolo zokubathinta futhi basho nenombolo yereferensi yomsebenzi, ku-EAP ezinsukwini zekhalenda ezingama-30 kusukela ekushicilelweni kwalesi saziyo.

Usuku lokushicilelwa kweSaziso:

21 June 2012



1017 Pretorius Street  
Block 8, Houtboshe Complex  
Hammanskop (002)  
Tel: +27 (12) 542 2900  
Fax: +27 (12) 542 2008  
Project Start 148  
Project Stop 215  
Mobile Post

SITE NAME

WITKLOOF

BASE STATION NUMBER

T9534

REV	DATE	BY	DESCRIPTION
A	19/03/2012	RG	FIRST ISSUE

NOTES  
OWNER 1: VENTER GERT DEBRINK-JOHANNES  
OWNER 2: VENTER ANGLINA

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION

PORTION 15 OF THE FARM WITKLOOF 408 JT

COORDINATES

LAT: 25° 50' 00.00" S  
LONG: 30° 03' 28.70" E

PROJECT

NEW 900m TELECOMMUNICATION BASESTATION WITH A 34m LATTICE MAST FOR MTR (PTT) LTD

ADDRESS

THE FARM WITKLOOF 408 JT,  
OFF THE R33  
NOOTVEDAGHT DAM NATURE RESERVE  
MPUMALANGA

INFRASTRUCTURE  
PLANNING SERVICES



414 Pekaia Road  
Pretoria  
Tel: +27 (12) 664 1204/8  
Fax: +27 (12) 664 2072  
info@ipsafrica.co.za

REG. NO.

180290

PROJECT NUMBER

127452

DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.

ALL WORK TO BE PERFORMED IN ACCORDANCE WITH THE SITE INFRASTRUCTURE SPECIFICATION (B101/001) ISSUE 11, VERSION 9 NOVEMBER 2007.

DRAWN R. SELDENHUIS

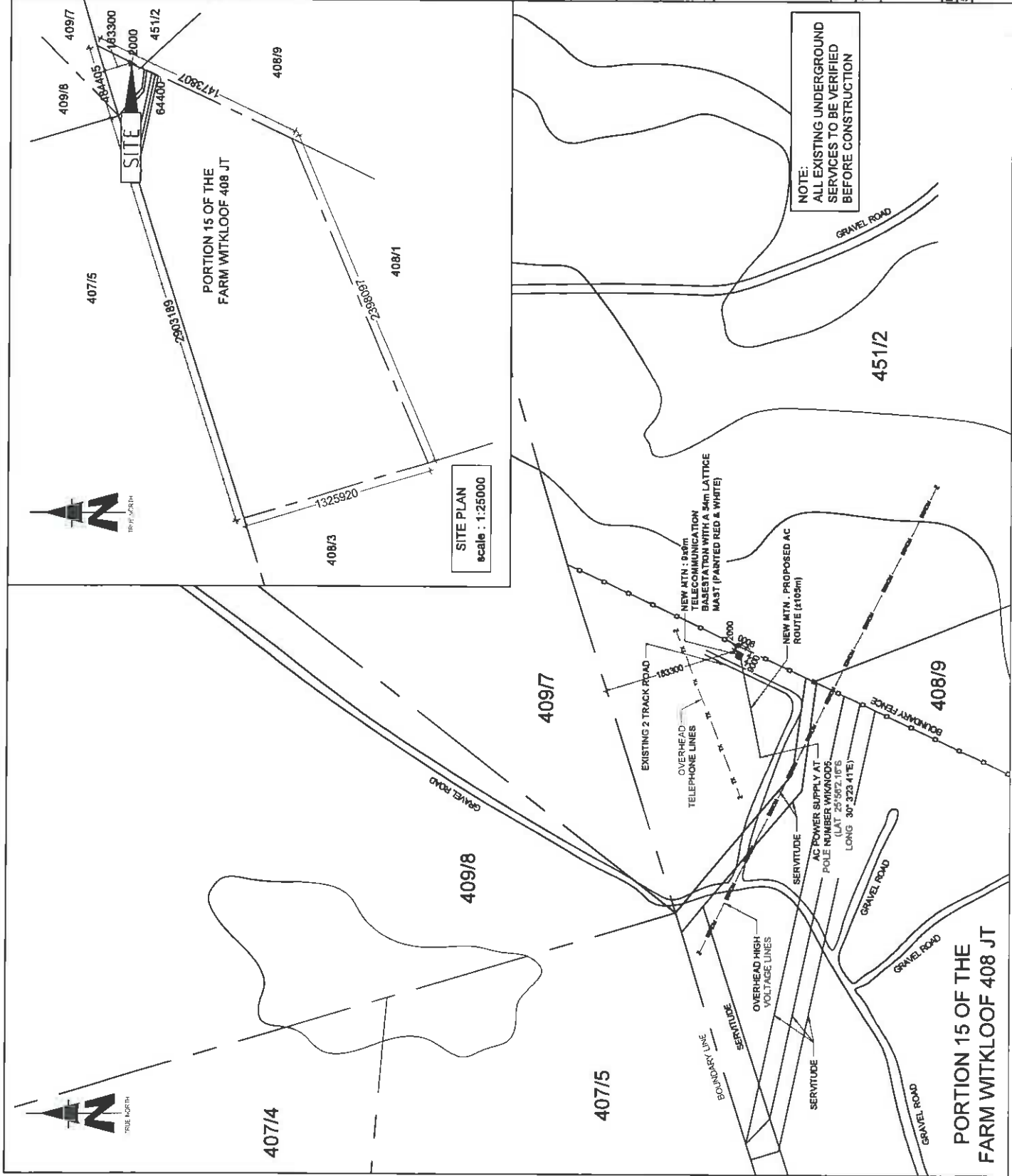
DATE 18/03/2012

SCALE 1:5000

REF. NO. 812/76534

SITE DEVELOPMENT PLAN

SHEET 3 OF 9





1287 Pegasus Street  
 Hillside, North Carolina 27520  
 Phone: 919.875.1234  
 Fax: 919.875.1235  
 www.mtn.com

Produced under the  
 MTN logo

**SITE NAME**  
 WTKL00F

**BASE STATION NUMBER**  
 T9534

REV	DATE	BY	DESCRIPTION
A	10/02/2012	RD	FIRST ISSUE

**NOTES**  
 OWNER 1: VENTUREPOINT DESIGN, JOHANNESBURG  
 OWNER 2: VENTUREPOINT, JOHANNESBURG

**PROPERTY DESCRIPTION**  
 STRICTLY COMPANY CONFIDENTIAL  
 PORTION 13 OF THE FARM WTKL00F 408 JT

**COORDINATES**  
 LAT: 23° 29' 00.00" S  
 LONG: 30° 02' 28.70" E

**PROJECT**  
 NEW 9400 TELECOMMUNICATION BASESTATION WITH A  
 24m LATTICE MAST FOR MTN (PTY) LTD

**ADDRESS**  
 THE FARM WTKL00F 408 JT,  
 OFF THE R133  
 KROONBOSCH DAM NATURE RESERVE  
 WILHELMSBURG

**INFRASTRUCTURE PLANNING SERVICES**



414 Ruan Road  
 Midrand  
 2014  
 Tel: +27 (0)11 854 1504  
 Fax: +27 (0)11 854 1514  
 Email: info@ipsafrica.com

**RFO NO.**  
 182070

**PROJECT NUMBER**  
 127452

**DRAWN BY**  
 R. GELDENHUIS

**DATE**  
 18/02/2012

**REF. NO.**  
 812/T9534

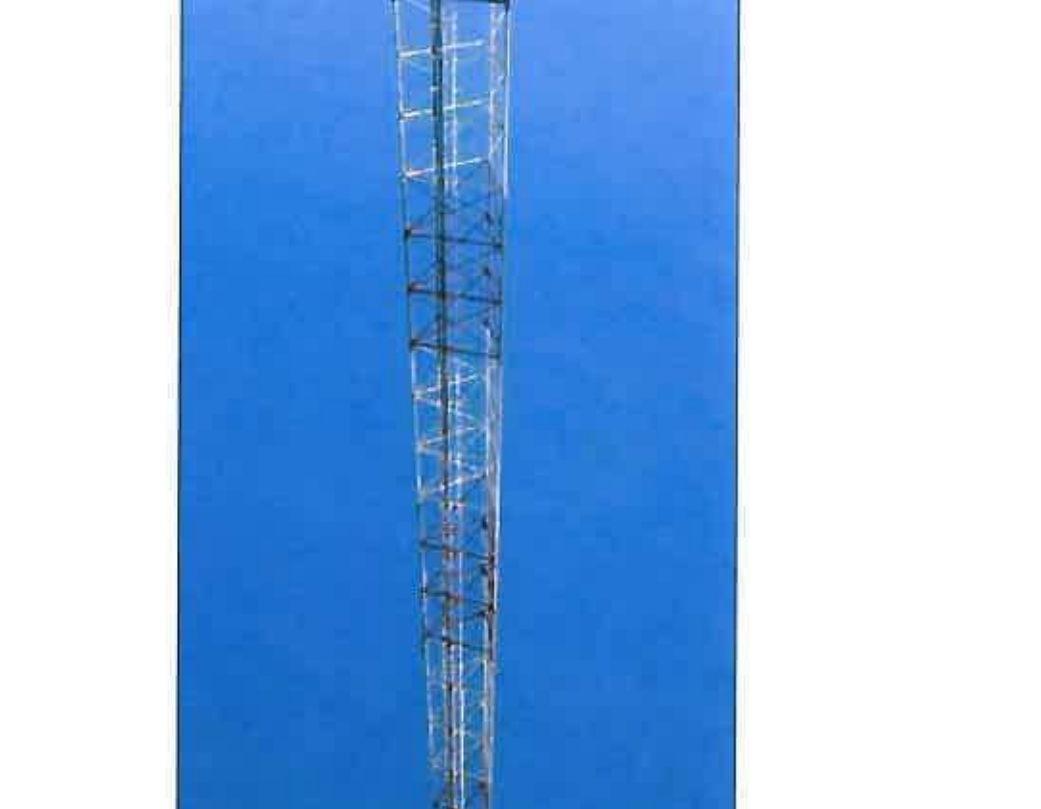
**SCALE**  
 NTS

**FACILITY ILLUSTRATION**

**SHEET 9 OF 9**

**DISCLAIMER**  
 DRAWINGS MUST NOT BE SCALED. ONLY PROVIDED DIMENSIONS TO BE  
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT  
 OF WORK.  
 ALL WORK TO BE PERFORMED ACCORDING TO IATA SITE SITE  
 INFRASTRUCTURE SPECIFICATION (VERSION 1)  
 DATE 1 FEBRUARY 2007

TYPICAL 3-LEGGED LATTICE MAST  
 (PAINTED RED AND WHITE)



**G3 – Proof of Newspaper Notice**



**CLASSIFIEDS**

St  
fine  
pho

13-753-244

- 0620
- 0812 Business Opportunities
- 0814 Working Holiday/ Overseas
- 0815 Computers
- 0818 CV's
- 0821 Drivers & Messengers
- 0824 Employment Wanted
- 0827 General
- 0830 Hairdressing & Beauty
- 0833 Hotel & Catering
- 0836 Legal
- 0839 Management
- 0841 Medical
- 0844 Part Time/ Temps
- 0847 Personnel/ HR
- 0850 Professional
- 0853 Reception/ Switchboard
- 0856 Sales/ Marketing
- 0859 Security
- 0862 Secretaries/ PA's
- 0865 Senior Citizens
- 0868 Technical
- 0871 Trade
- 0874 Training
- 0877 Domestic Employment/ Accomm
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**0827  
General**

**NEW  
BRANCH  
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35 People needed for sales and marketing. No experience needed. Free training

Call Sue:  
**082-705-2540**  
**Jan: 076-357-4422**  
AS049491

A sports oriented company in Nelspruit requires a clerk with good sports knowledge and computer literacy. The ideal candidate should possess the ability to work under pressure, accuracy, commitment, common sense, good planning and organizational capabilities. He/she should also be willing to work overtime and show continuous improvement. It is essential that the candidate lives within or around Nelspruit or has own transport.

**Interested applicants should email their CV to: [employment@betxchange.co.za](mailto:employment@betxchange.co.za)**  
SS067219

**Legals**

- 0905 Auctioneers
- 0910 Public & Legal Notices
- 0915 Sales In Execution
- 0920 Tenders
- 0925 Estates
- 0930 Liquidations
- 0935 Town Planning

**0910  
Public / Legal  
Notices**

**NOTICE**  
ABBREVIATED SUMMONS IN THE REGIONAL COURT FOR THE DIVISION OF MPUMALANGA HELD AT NELSPRUIT  
Case No: MRCD-469/2011  
In the matter between:  
ALFRED BOYKEEN ZITHA Plaintiff and  
RONICA MASEKO Defendant  
TO, RONICA MASEKO an adult female (referred to as the

Defendant) formerly residing at Stand No: 4342, Nsikazi, Mthunjanani, Ficksburg and  
BV00410

**NOTICE**  
PUBLIC PARTICIPATION PROCESS  
REFERENCE NUMBER: 17/2/3/GS-115  
Regulation 546 activity 3 (a) & (b): (a) ii (bb), (cc), (ee) and (gg): Establishment of a 54m telecommunication mast with base station for MTN (Pty) Ltd: T9534 Witkloof  
Location: Portion 15 of the farm Witkloof 408 JT  
Co-ordinates (WGS84 format) of the alternatives on the above property  
Alternative 1:  
Latitude: 25° 56' 00.60" S  
Longitude: 30° 03' 26.70" E  
Lattice type mast painted red and white  
Notice is hereby given of a public participation process in terms of the Environmental Impact Assessment Regulation 2010 (R543) as amended promulgated in terms of the National Environmental Management Act 1998 (Act No 107 of 1998) as amended ("NEMA").  
Basic assessment procedures will be applied in accordance with regulation 543 and an application is to be submitted to the Mpumalanga Department of Economic Development, Environment and Tourism. The applicant furthermore intends to apply to the Mpumalanga Department of Economic Development, Environment and tourism for exemption in terms of regulation 50(1) of the Environmental Impact Assessment Regulation 2010 (R543) to assess alternatives with regard to the planned activity.  
Applicant:  
MTN (Pty) Ltd  
P O Box 4559,  
Northcliff, 2115.  
Environmental Assessment Practitioner (EAP):  
Torbiose Solutions CC  
Attention: Monica Niehof  
P.O. Box 32017,  
Totiusdal, 0134  
Telephone: 012-804-1504/6;  
Facsimile: 012-804-7072,  
E-mail: admin@torbiosesolutions.co.za  
Further information regarding the proposed activity can be obtained from the EAP.  
Any interested and affected party may, in writing, make representations on the proposed activity or request to be registered as an interested and affected party, by submitting the written representations or registration request, including their name, physical & postal addresses (including facsimile & e-mail where possible) and contact number(s) and quoting the activity reference number, to the EAP within 30 calendar days from the publication of this notice.  
Notice publication date: 28 June 2012  
BV00415

successful applicant must have a technical understanding of sawmill management processes to operate in a pressure environment and interpret financial accounts to the sawmill motivated and proactive member of the best out of his team. Competitive salary package with benefits offered which includes medical aid and training qualifications with advantage. send CV with references following: 36-8282 • E-mail: rob@teklosing date: 30 June 2012



## **G4 – Register of Interested and Affected Parties**

## Interested & Affected Parties Register / Comments and Responses Report

Site number: T9534  
 Site Name: Witkloof  
 EIA reference no.: 17/2/3/ GS-115

Interested and Affected Parties Register							Comments and Responses Report	
No.	Date	Name	Address	Contact detail	Reacted to:	Record of initial I&AP registration	Issues raised / Comments received	EAP Response
1	28/06/2012	The Municipal Manager, Albert Luthuli Local Municipality, Mr. Vusumuzi Nelson Mpila	PO Box 24, Carolina, 1185	Tel: (017) 843 4000 Fax: (017) 843 4001 E-mail:mm@albertluthuli.gov.za	NA	Auto I&AP	No comments received	Sent Draft BAR, but no comments received.
2	28/06/2012	The Ward Councillor, Ward 21, R. R. G. Vilakazi	PO Box 24, Carolina, 1185	Tel: (017) 843 4000 Fax: (017) 843 4001 E-mail:mm@albertluthuli.gov.za	NA	Auto I&AP	No comments received	Sent Draft BAR, but no comments received.
3	28/06/2012	The Municipal Manager, Gert Sibande District Municipality, Mr. DV Ngcobo	PO Box 1748, Ermelo, 2350	Tel: 017- 801 7000 Fax: (017) 811 1207	NA	Auto I&AP	No comments received	Sent Draft BAR, but no comments received.
4	28/06/2012	South African Heritage Resources Agency (SAHRA)	PO Box 4637, Cape Town, 8000	Mr P Hine/Mrs Colette Scheermeyer, Tel: 0214624502, Fax: 0214624509, Email: phine@sahra.org.za	NA	Auto I&AP	No comments received	Sent Draft BAR, but no comments received.
5	28/06/2012	SACAA	Private Bag x73, Halfway House 1685	Tel: (011) 545 1000 Fax: (011) 545 1451	NA	Auto I&AP	No approval received yet	Submitted Application
6	28/06/2012	Mpumalanga Tourism and Parks Agency	Private Bag X11338, Nelspruit, 1200	Tel: (013) 752 3419 Fax: (013) 752 3419	NA	Auto I&AP	No comments received	Sent Draft BAR, but no comments received.
7	28/06/2012	Landowner, Venter Gert Diederik Johannes and Angelika Venter	PO Box 1354, Witbank, 1035	Cell: 082 449 2598	Lease Negotiations	Land Owner	Signed Lease	Sent Draft BAR, but no comments received.

**G5 – Civil Aviation Information**

**SOUTH AFRICAN**



**CIVIL AVIATION  
AUTHORITY**

**Physical Address:**  
Mkhaya Lokundlza  
Treur Close  
Waterfall Park  
Bekker Street  
Midrand

**Postal Address:**  
Private Bag X 73  
Halfway House  
1685

**Telephone Number:**  
+27 11 545 1000

**Fax Number:**  
+27 11 545 1465

**E-mail address:**  
mail@caa.co.za

**Website address:**  
www.caa.co.za

**Enquiry's: Lizell Ströh**  
[strohl@caa.co.za](mailto:strohl@caa.co.za)  
**Tel. 011 545 1232**  
**Fax. 011 545 1451**

23 April 2007

Turbiose Solutions  
P O Box 32017  
Totiosdal  
0134

To: Mr Wim Anholts

Communication structure,

Day and night markings apply to all structures exceeding 45m above the ground in South Africa by default (refer SA-CAR Part 139.01.33),

Paint markings (Day markings) shall be in compliance with ICAO Annex 14 chapter 6 and shall consist of seven painted bands, each one seventh of the length of the structure, and shall consist of bands of International Orange (or Post Office red) alternated by brilliant white, starting and ending in orange/red, to a maximum length of 30 meters per band (i.e. a 210m mast). Thereafter it becomes 9 bands, each one ninth of the length of the mast up to 270m, 11 bands up to 330m etc.

Lights (Night marking) to be used shall consist of a pair of steady burning approved red aeronautical obstruction lights of at least 32 candela each at the highest practical point of the structure. This may be substituted by a medium intensity Type B flashing red light (20 – 60 flashes per minute), of 2000 candela ( $\pm 25\%$ ) intensity in accordance with ICAO Annex 14 table 6-3.

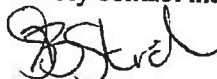
Intermediate lights shall be placed at a position midway between the top of the structure and the ground and shall consist of at least three steady burning red aeronautical obstruction lights of at least 32 candela each, on the same vertical plane and spaced not more than 120 degree horizontally. At least two lights shall be visible through any azimuth of 360 degree and no light shall be spaced more than 30m apart, on the horizontal plane of any structure. Multiple lights may be required to satisfy this requirement. The vertical spacing of lights shall be as far as practical be evenly spaced and shall not exceed 45m between vertical levels.

Board Members: Mr D Moorosi (Chairman), Mr J Morrison, Ms M Magasa, Ms B Mohlala, Maj Gen T Ntsibande, Mr Z Myeza (CEO)

*Note-.*

*Structures of 45 to 90m heights shall have dual lights on top and not less than a set of three lights at the intermediate level.*

Kindly contact the writer if more information is required.



Lizell Stroh

**AERODROME SAFETY OVERSIGHT**

**G6 – Motivation for exemption from assessing alternatives**

Our Reference:

**T9534 Witkloof**

Your Reference:

**17/2/3/GS -115**

**1 August 2012**

Mpumalanga Department of Economic Development,  
Environment & Tourism  
Gert Sibande District  
13 De Jager Street  
Ermelo  
2350



**Attention:** Bheki Mndawe

Reg. No. 2001/080535/23  
PO Box 32017, Totiusdal, 0134  
414 Rustic Road  
Silvertondale, 0184  
Pretoria

Tel: (012) 804 1504 / 6

Fax: (012) 804 7072

E-mail: admin@torbiousesolutions.co.za

Dear Sir,

**MOTIVATION FOR EXEMPTION FROM ASSESSING ALTERNATIVES IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 (“NEMA”) AS AMENDED TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION MAST ON PORTION 15 OF THE FARM WITKLOOF 408 JT**

In terms of Chapter 5 of the EIA Regulations, August 2010 as amended we hereby apply for exemption from assessing alternatives in this application.

**Motivation:**

**(a) The property on which or location where it is proposed to undertake the activity:**

The property where the establishment is proposed was identified by the radio planners of MTN as the best position to place the mast to achieve coverage objectives for the area on the MTN network.

**Other site alternatives reviewed for feasibility:**

1. Sharing:

Investigation of sharing existing infrastructure:

The specific site requirements needed by MTN are:

- Physical space for two sets of antennae, two microwave dishes and 14 feeder cables;



- Wind load capacity for above mentioned equipment;
- Minimum height of 54m; and
- Space and load capacity for future upgrading or advances in technology.

No existing facility or infrastructure within range that can fulfil the required capacity in terms of the coverage objectives.

2. Most other possible areas / sites on the same property would have more or less the same environmental impacts as the proposed site as they have similar environmental features and qualities i.e. biological sensitivity, viewpoints and physical incline.
3. The neighbouring properties were not regarded as feasible site alternatives due to more limitations on the network coverage.

**(b) The type of activity to be undertaken:**

There are no type alternatives available or feasible to replace the establishment of telecommunication masts.

**(c) The design or layout of the activity:**

The proposed design of the activity is a 54m high lattice telecommunication mast. The 54m height is required to reach the network coverage on the MTN network. The lattice type mast is the only design alternative that provides the required equipment capacity and wind-load capacity, should other operators wish to share this mast in future more weight would be added to the mast. A monopole type mast is not considered a feasible option for this specific development because of more restrictions with regard to the equipment and wind-load capacity. Further disadvantage of a monopole type mast is increased visibility due to the more solid type structure against the sky background. The SACAA (South African Civil Aviation Authority) prescribed day and night markings, meaning the mast has to be painted red and white with red lights on top for maximum visibility to aircraft to prevent aircraft accidents. Therefore, no other colour alternatives are considered to be feasible due to the red and white colour requirement of the SACAA.

**(d) The operational aspects of the activity:**

- Increased electricity consumption on the existing supply grid: The infrastructure is designed to operate on economical electricity consumption. A generator will be installed as a backup electricity supply in the event of a power failure. There are no feasible alternatives available to replace electrical power supply.
- Noise generation by air conditioning units and by backup generator if electricity supply fails: The air conditioning units and backup generator operate at very low and well accepted noise levels. There are no feasible alternatives to replace the air conditioning units or the backup generator.

- Non-ionising electromagnetic fields on allocated frequency: The electromagnetic fields are well below the accepted level to prevent any damage to living organisms (within International Commission on Non-ionising Radiation Protection, ICNIRP, and World Health Organisation, WHO, guidelines) and are restricted within the allocated frequency. There are no feasible alternatives to obtain the required network coverage within the allocated frequency.
- Increase in potential air traffic obstacles: Lower mast options are not feasible alternatives to reach the required network coverage as this would require multiple mast applications to reach the same network coverage with increased environmental impact on the footprint area of several masts as well as increased visual impact on each separate mast development.
- Visual impact of the 54m red and white lattice mast on short, medium and long distance observation: Other design, height or colour alternatives are not feasible as prescribed above.

We trust that the above motivation is sufficient to consider and approve this application for exemption.

Kind Regards



**MC Niehof**

For: Torbious Solutions cc

**G7 – General**

# MPUMALANGA PROVINCIAL GOVERNMENT

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



T9534

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

## Department of Economic Development, Environment and Tourism

Litiko Letekutfutukiswa  
Kwelelmofo, Simondzivo neteku Vakasha

Umngango WezokuThuthukiswa  
KoMnotho, iBhoduluko nezama Vakatiho

Departement van Ekonomiese  
Ontwikkeling, Omgewing en Toerisme

**Enquiries:** Nelslwe Mlangeni 13 De Jager Street, Ermelo, 2350, Tel : ( 017)811 4830/3944, Fax (017)811 3992  
**Reference:** 17/2/3 GS-115

**Att:** Riaan Bakker  
MTN (Pty) Ltd  
Building 1 Commerce Square 39  
Rivonia road  
Sandton

**Fax no:** (011) 911 5460  
**E-mail:** [bakker\\_a@mtn.co.za](mailto:bakker_a@mtn.co.za)

Dear Sir/Madam

### APPLICATION FOR ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED ESTABLISHMENT OF A 54m HIGH MTN (PTY) LTD TELECOMMUNICATION MAST ON PORTION 15 OF THE FARM WTKLOOF JT, ALBERT LUTHULI LOCAL MUNICIPALITY.

The Department confirms having received the application form for environmental authorisation of the abovementioned project 28 May 2012. The application is hereby accepted, and you may proceed with the process required in terms of the Environmental Impact Assessment Regulations, 2010.

The application has been assigned the reference number 17/2/3 GS 115. Kindly quote this reference number in any future correspondence in respect of the application and in all methods of notification used during the public participation process.

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

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

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

Sincerely,

  
Director: Environmental Impact Management

12/6/2012  
Date


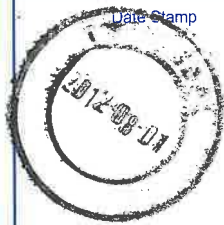
cc: Monica Niehof


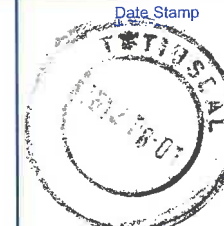
Torbiose solutions

fax: (086)690 0441


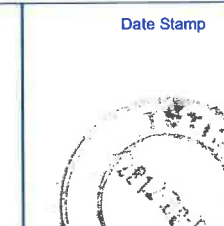


**Addendum A**  
**Proof of submission of Draft BAR to I&APs**

<b>REGISTERED LETTER</b> T9534 <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)			
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan Mmamalanga Tourism and Parks Agency Private Bag x 1138 Nelspruit.		Postcode Poskode 11200	
The value of the contents of this letter is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional Insurance up to R2 000.00 is available and applies to domestic registered letters only.			
Die waarde van die inhoud van hierdie brief is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder voorbehoud ontvang word nie. Vergoeding is beperk tot R100.00. Geen vergoeding is sonder dokumentêre bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en is slegs op binnelandse geregistreerde briewe van toepassing.			
Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502		Initial of accepting officer	
Insured value of contents Versekerde waarde van inhoud R _____ c			
Affix Track and Trace <b>ORDINARY PARCEL</b> <b>PE 619 150 175 ZA</b> <b>A BOOK COPY</b> Klientafskrif		Paraaf van aaneem-beampte Datumstempel	

<b>REGISTERED LETTER</b> T9534 <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)			
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan The Municipal Manager Albert Luthuli Local Municipality P.O Box 24 Carolina		Postcode Poskode 11185	
The value of the contents of this letter is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional Insurance up to R2 000.00 is available and applies to domestic registered letters only.			
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Affix Track and Trace <b>ORDINARY PARCEL</b> <b>PE 619 150 140 ZA</b> <b>A BOOK COPY</b> Klientafskrif		Paraaf van aaneem-beampte Datumstempel	

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(with an insurance option/met 'n versekeringsopsie)			
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan The Ward Councillor Albert Luthuli Local Municipality P.O Box 24 Carolina		Postcode Poskode 11185	
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<b>REGISTERED LETTER</b> T9534 <b>GEREGISTREERDE BRIEF</b>			
(with an insurance option/met 'n versekeringsopsie)			
<b>Full tracking and tracing/Volledige volg en spoor</b>			
Addressed to/Geadresseer aan The Municipal Manager Gert Sibande District Municipality P.O Box 1748 Ermelo		Postcode Poskode 2350	
The value of the contents of this letter is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional Insurance up to R2 000.00 is available and applies to domestic registered letters only.			
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Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502		Initial of accepting officer	
Insured value of contents Versekerde waarde van inhoud R _____ c			
Affix Track and Trace <b>ORDINARY PARCEL</b> <b>PE 619 150 136 ZA</b> <b>A BOOK COPY</b> Klientafskrif		Paraaf van aaneem-beampte Datumstempel	

**REGISTERED LETTER  
GEREGISTREERDE BRIEF**

T9534



(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan

South African Heritage  
Resources Agency  
P.O. Box 4837  
Cape Town

8000 Postcode  
Poskode

The value of the contents of this letter is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional Insurance up to R2 000.00 is available and applies to domestic registered letters only.

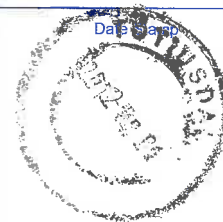
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Postage paid R \_\_\_\_\_ c  
Service fee / Diensgeld R \_\_\_\_\_ c  
Insurance / Versekering R \_\_\_\_\_ c  
Total / Totaal R \_\_\_\_\_ c

Insured value of contents  
Versekerde waarde van inhoud R \_\_\_\_\_ c

Enquiries/Navrae  
Toll-free number  
Tolvry nommer  
0800 111 502

Initial of  
accepting  
officer



Affix Track and Trace  
**ORDINARY PARCEL**  
**PE 619 150 184 ZA**

A BOOK COPY

Paraaf van  
aaneem-  
beampte

klientatskrif

Datumstempel

Leopoldo Lubbo Publishers 011-493 7921 701281

**REGISTERED LETTER  
GEREGISTREERDE BRIEF**

T9534



(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan

Mr. G.D.J. Venter  
P.O. Box 1354  
Witbank

11035 Postcode  
Poskode

The value of the contents of this letter is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100.00. No compensation is payable without documentary proof. Optional Insurance up to R2 000.00 is available and applies to domestic registered letters only.

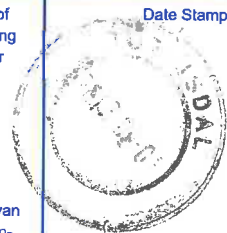
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Postage paid R \_\_\_\_\_ c  
Service fee / Diensgeld R \_\_\_\_\_ c  
Insurance / Versekering R \_\_\_\_\_ c  
Total / Totaal R \_\_\_\_\_ c

Insured value of contents  
Versekerde waarde van inhoud R \_\_\_\_\_ c

Enquiries/Navrae  
Toll-free number  
Tolvry nommer  
0800 111 502

Initial of  
accepting  
officer



Affix Track and Trace  
**ORDINARY PARCEL**  
**PE 619 150 167 ZA**

A BOOK COPY

Paraaf van  
aaneem-  
beampte

klientatskrif

Datumstempel

Leopoldo Lubbo Publishers 011-493 7921 701281

Our Reference:  
T9534 Witkloof

Departmental Reference:  
17/2/3/GS-115



3 August 2012

Venter Gert Diederik Johannes  
PO Box 1354  
Witbank  
1035

Attention: Mr. Gert Venter / Ms. Angelika Venter

**Via Registered Mail**

Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road  
Silvertondale, 0184  
Pretoria

Tel: (012) 804 1504/ 6

Fax: (012) 804 7072

e-mail: admin@torbiousolutions.co.za

Dear Sir / Madam,

**DRAFT BASIC ASSESSMENT REPORT FOR AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 ("NEMA") AS AMENDED TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3, REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION MAST ON PORTION 15 OF THE FARM WITKLOOF 408 JT**

Kindly receive the draft Basic Assessment Report for the above mentioned application.

We request you to evaluate the attached report on the proposed project and provide us and the Mpumalanga Department of Economic Development, Environment and Tourism with your written comments and/or inputs, if any, by faxing or e-mailing such within 40 days from the date of this letter. It will be assumed that you do not have any comments on the Basic Assessment Report of the proposed project on the expiry of the 40 day response period.

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

Kind Regards,

**Monica Niehof**

For: Torbious Solutions cc

**Comments:**

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Our Reference:  
T9534 Witkloof

Departmental Reference:  
17/2/3/GS-115



3 August 2012

Mpumalanga Tourism and Parks Agency  
Private Bag X1138  
Nelspruit  
1200

Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road  
Silvertondale, 0184  
Pretoria

Tel: (012) 804 1504/ 6

Fax: (012) 804 7072

e-mail: [admin@torbiousolutions.co.za](mailto:admin@torbiousolutions.co.za)

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Kind Regards,

A handwritten signature in black ink, appearing to read "MN", is written over a light blue horizontal line.

**Monica Niehof**

For: Torbious Solutions cc

**Comments:**

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Our Reference:  
T9534 Witkloof

Departmental Reference:  
17/2/3/GS-115



3 August 2012

South African Heritage Resources Agency  
P O Box 4637  
Cape Town  
8000

Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road  
Silvertondale, 0184  
Pretoria

Attention: Ms. C. Scheermeyer / Mr. P. Hine

Tel: (012) 804 1504/ 6

Fax: (012) 804 7072

e-mail: admin@torbiousolutions.co.za

**Via Registered Mail**

Dear Madam / Sir,

**DRAFT BASIC ASSESSMENT REPORT FOR AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 ("NEMA") AS AMENDED TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3, REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION MAST ON PORTION 15 OF THE FARM WITKLOOF 408 JT**

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Kind Regards,

A handwritten signature in black ink, appearing to read "MN", is written over the printed name "Monica Niehof".

Monica Niehof  
For: Torbious Solutions cc

**Comments:**

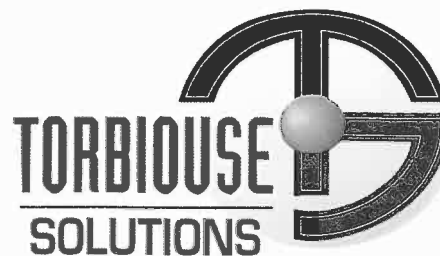
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Our Reference:  
T9534 Witkloof

Departmental Reference:  
17/2/3/GS-115



3 August 2012

The Municipal Manager  
Gert Sibande District Municipality  
PO Box 1748  
Ermelo  
2350

Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road  
Silvertondale, 0184  
Pretoria

Attention: Mr. D V Ngcobo  
Environmental Management Section

Tel: (012) 804 1504/ 6  
Fax: (012) 804 7072

e-mail: admin@torbiousolutions.co.za

**Via Registered Mail**

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**Monica Niehof**

For: Torbious Solutions cc

**Comments:**

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Members: KW Anholts; GA Anholts

Our Reference:  
T9534 Witkloof

Departmental Reference:  
17/2/3/GS-115



3 August 2012

The Ward Councillor  
Albert Luthuli Local Municipality  
Po box 24  
Carolina  
1185

Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road  
Silvertondale, 0184  
Pretoria

Attention: Mr. R G Vilakazi  
Councillor: Ward 21

Tel: (012) 804 1504/ 6  
Fax: (012) 804 7072  
e-mail: admin@torbiousolutions.co.za

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**Monica Niehof**  
For: Torbious Solutions cc

**Comments:**

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Our Reference:  
T9534 Witkloof

Departmental Reference:  
17/2/3/GS-115



3 August 2012

The Municipal Manager  
Albert Luthuli Local Municipality  
Po Box 24  
Carolina  
1185

Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road  
Silvertondale, 0184  
Pretoria

Attention: Mr. Vusumuzi Nelson Mpila  
Environmental Management Section

Tel: (012) 804 1504/ 6  
Fax: (012) 804 7072  
e-mail: admin@torbiousolutions.co.za

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For: Torbious Solutions cc

**Comments:**

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