



LIMPOPO

PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF ECONOMIC DEVELOPMENT, ENVIRONMENT & TOURISM

BASIC ASSESSMENT REPORT - EIA REGULATIONS, 2010

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.

File Reference Number:

NEAS Reference Number:

Date Received:

Due date for acknowledgement:

Due date for acceptance:

Due date for decision

Kindly note that:

(For official use only)

1. The report must be compiled by an independent Environmental Assessment Practitioner.
2. The report 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. The report is in the form of a table that can extend itself as each space is filled with typing.
3. Where applicable **tick** the boxes that are applicable in the report.
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 Department of Economic Development, Environment and Tourism as the competent authority (Department) for assessing the application, it may result in the rejection of the application as provided for in the regulations.
5. An incomplete report may be returned to the applicant for revision.
6. Unless protected by law, all information in the report will become public information on receipt by the department. Any interested and affected party should be provided with the information contained in this report on request, during any stage of the application process.

7. The Act means the National Environmental Management Act (No. 107 of 1998) as amended.
8. Regulations refer to Environmental Impact Assessment (EIA) Regulations of 2010.
9. The Department may require that for specified types of activities in defined situations only parts of this report need to be completed. No faxed or e-mailed reports will be accepted.
10. This application form must be handed in at the offices of the Department of Economic Development, Environment and Tourism:-

<p><u>Postal Address:</u></p> <p>Central Administration Office Environmental Impact Management P. O. Box 55464 POLOKWANE 0700</p>	<p><u>Physical Address:</u></p> <p>Central Administration Office Environmental Affairs Building Cnr Suid and Dorp Streets POLOKWANE 0699</p>
<p>Queries should be directed to the Central Administration Office: Environmental Impact Management:-</p> <p>For attention: Mr E. V. Maluleke</p> <p>Tel: (015) 291 1315 / (015) 291 5640</p> <p>Fax: (015) 295 5015</p> <p>Email: malulekeev@ledet.gov.za</p>	

View the Department's website at [http://www.ledet.gov.za/](http://www.ledet.gov.za) for the latest version of the documents.

SECTION A: ACTIVITY INFORMATION

Has a specialist been consulted to assist with the completion of this section?

<input type="checkbox"/>	<input checked="" type="checkbox"/> NO
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If YES, please complete the form entitled "Details of specialist and declaration of interest" or appointment of a specialist for each specialist thus appointed:

Any specialist reports must be contained in Appendix D.

1. ACTIVITY DESCRIPTION

Describe the activity, which is being applied for, in detail¹:

Regulation 546 Activity 3: Establishment of 54m high MTN (Pty) Ltd lattice telecommunication mast painted red and white with a 100m² base station and equipment containers on ground level enclosed with a 2.4m high steel palisade fence on The Farm Begin 917 LT.

2. FEASIBLE AND REASONABLE ALTERNATIVES – Applying for exemption from assessing alternatives

"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 Department 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.

¹ Please note that this description should not be a verbatim repetition of the listed activity as contained in the relevant Government Notice, but should be a brief description of activities to be undertaken as per the project description.

Paragraphs 3 – 13 below should be completed for each alternative

3. 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, minutes and seconds. The projection that must be used in all cases is the WGS84 spheroid in a national or local projection.

List alternative sites, if applicable.

Latitude (S): **Longitude (E):**

Alternative:

Alternative S1² (preferred alternative)

Alternative S2

Alternative S3

23°	53'	11.94"	30°	42'	49.61"
°	'	"	°	'	"
°	'	"	°	'	"

In the case of linear activities:

Alternative:

Alternative S1 (preferred or only route alternative)

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

Latitude (S): **Longitude (E):**

°	'	"	°	'	"
°	'	"	°	'	"
°	'	"	°	'	"

Alternative S2 (if any)

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

°	'	"	°	'	"
°	'	"	°	'	"
°	'	"	°	'	"

Alternative S3 (if any)

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

°	'	"	°	'	"
°	'	"	°	'	"
°	'	"	°	'	"

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.

² "Alternative S.." refer to site alternatives.

4. PHYSICAL SIZE OF THE ACTIVITY

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

Alternative:

- Alternative S1³
- Alternative S2
- Alternative S3 (preferred alternative)

or,

for linear activities:

Size of the activity:

100m²
m ²
m ²

Length of the activity:

Alternative:

- Alternative A1 (preferred activity alternative)
- Alternative A2 (if any)
- Alternative A3 (if any)

-
-
-

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

Size of the site/servitude:

Alternative:

- Alternative S1⁵
- Alternative S2
- Alternative S3 (preferred alternative)

2694.1131Ha
-
-

5. SITE ACCESS – S1, S2 AND S3

Does ready access to the site exist?

YES	<input checked="" type="checkbox"/>
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If NO, what is the distance over which a new access road will be built

m

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.

³ "Alternative S.." refer to site alternatives.

⁵ "Alternative S.." refer to site alternatives.

6. SITE OR ROUTE PLAN - S1

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:

- 6.1 the scale of the plan which must be at least a scale of 1:500;
- 6.2 the property boundaries and numbers of all the properties within 50 metres of the site;
- 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 trees and shrubs taller than 1.8 metres;
- 6.7 walls and fencing including details of the height and construction material;
- 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):
 - rivers;
 - the 1:100 year flood line (where available or where it is required by Department of Water Affairs);
 - ridges;
 - cultural and historical features;
 - areas with indigenous vegetation (even if it is degraded or invested with alien species);
- 6.10 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
- 6.11 the positions from where photographs of the site were taken.

7. SITE PHOTOGRAPHS - S1

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.

8. FACILITY ILLUSTRATION - S1

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.

9. ACTIVITY MOTIVATION - S1

9(a) Socio-economic value of the activity

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

R500,000.00

What is the expected yearly income that will be generated by or as a result of the activity?

Unknown

Will the activity contribute to service infrastructure?

YES	<input checked="" type="checkbox"/>
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Is the activity a public amenity?

How many new employment opportunities will be created in the development phase of the activity?

What is the expected value of the employment opportunities during the development phase?

What percentage of this will accrue to previously disadvantaged individuals?

How many permanent new employment opportunities will be created during the operational phase of the activity?

What is the expected current value of the employment opportunities during the first 10 years?

What percentage of this will accrue to previously disadvantaged individuals?

<input type="checkbox"/>	NO
None	
R0.00	
0%	
None	
R0.00	
0%	

9(b) Need and desirability of the activity

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

NEED:			
i.	Was the relevant municipality involved in the application?	YES	<input type="checkbox"/>
ii.	Does the proposed land use fall within the municipal Integrated Development Plan?	YES	<input type="checkbox"/>
iii.	If the answer to questions 1 and / or 2 was NO, please provide further motivation / explanation:		
	-		

DESIRABILITY:			
i.	Does the proposed land use / development fit the surrounding area?	<input type="checkbox"/>	NO
ii.	Does the proposed land use / development conform to the relevant structure plans, Spatial development Framework, Land Use Management Scheme, and planning visions for the area?	YES	<input type="checkbox"/>
iii.	Will the benefits of the proposed land use / development outweigh the negative impacts of it?	YES	<input type="checkbox"/>
iv.	If the answer to any of the questions 1-3 was NO, please provide further motivation / explanation:		
	<p>i The proposed telecommunication mast does not fit in visually with the surrounding area due to the rural nature of the area. However it will provide important infrastructure for telecommunication with the availability of capacity to share with other operators whether these are telecommunication operators, radio operators or any other operators such as tracking companies etc. The activity will benefit the local and regional community in that it will provide them with a choice of mobile telecommunication service providers.</p>		

v.	Will the proposed land use / development impact on the sense of place?	YES	<input checked="" type="checkbox"/>
vi.	Will the proposed land use / development set a precedent?	<input checked="" type="checkbox"/>	NO
vii.	Will any person's rights be affected by the proposed land use / development?	<input checked="" type="checkbox"/>	NO
viii.	Will the proposed land use / development compromise the "urban edge"?	<input checked="" type="checkbox"/>	NO
ix.	If the answer to any of the question 5-8 was YES, please provide further motivation / explanation.		
	<p>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. 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.</p>		

BENEFITS:			
i.	Will the land use / development have any benefits for society in general?	YES	<input checked="" type="checkbox"/>
ii.	<p>Explain: The immediate benefits of the activity to society in general can be summarized as follows:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Increased and improved national MTN coverage footprint enabling users to communicate on the MTN network wherever they are. <input checked="" type="checkbox"/> Additional fulfillment 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. 		
iii.	Will the land use / development have any benefits for the local communities where it will be located?	YES	<input checked="" type="checkbox"/>
iv.	<p>Explain: 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.</p>		

10. APPLICABLE LEGISLATION, POLICIES AND/OR GUIDELINES - S1

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:
NEMA Act 1998 (Act 107 of 1998) and related regulations	Limpopo Department of Economic Development, Environment and Tourism	27/11/1998
National Heritage Resources Act, 1999 (Act 25 of 1999)	SAHRA – Limpopo Province	1999
Part 139.01.33 of the Civil Aviation Regulations, 1997 to the Aviation Act , 1962 (Act No 74 of 1962)	South African Civil Aviation Authority	1977
National Building Regulations and Building Standards Act, No. 103 of 1977 as amended	Ba-Phalaborwa Local Municipality	1993
Ba-Phalaborwa Land Use Scheme, 2008	Ba-Phalaborwa Local Municipality	2008
Occupational Health and Safety Act (No. 85 of 1993)	National Department of Labour	1993

11. WASTE, EFFLUENT, EMISSION AND NOISE MANAGEMENT - S1

11(a) Solid waste management

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

YES	
2m³ (6 week construction period only)	

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

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?

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

	NO
m³	

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 department 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 department 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

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

11(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?

m³

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 Department 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:	

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

-

11(c) Emissions into the atmosphere

Will the activity release emissions into the atmosphere? YES NO

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

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.

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

Non-ionised electromagnetic fields with power density <math><10\text{W}/\text{m}^2</math> (Dept of Health Guidelines based on International Commission on Non-ionising Radiation Protection (ICNIRP) & World Health Organisation (WHO) guidelines)

11(d) Generation of noise

Will the activity generate noise?

YES	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	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 <math><60\text{dB}</math> noise level. The level of noise generation is well within the acceptable norm and will not cause a significant disturbance to the surrounding environment.

12. WATER USE - S1

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

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	the activity will not use water
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If water is to be extracted from groundwater, river, stream, dam, lake or any other natural feature, please indicate

the volume that will be extracted per month:

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.

13. ENERGY EFFICIENCY - S1

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 been taken into account in the design of the activity. There is an existing electricity network grid available in the immediate area.

SECTION B: SITE/AREA/PROPERTY DESCRIPTION

Important notes:

1. For linear activities (pipelines, etc) as well as activities that cover very large sites, it may be necessary to complete this section for each part of the site that has a significantly different environment. In such cases please complete copies of Section C and indicate the area, which is covered by each copy No. on the Site Plan.

Section C Copy No.
(e.g. A):

2. Paragraphs 1 - 6 below must be completed for each alternative.

3. Has a specialist been consulted to assist with the completion of this section? **NO**

If YES, please complete the form entitled "Details of specialist and declaration of interest" for each specialist thus appointed:

All specialist reports must be contained in Appendix D.

Property description/physical address:

The Farm Begin 917 LT

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

Off the R510 road at the Thambazimbi Railway Station.

In instances where there is more than one town or district involved, please attach a list of towns or districts to this application.

Current land-use zoning:

Farm land/ Agriculture

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

Is a change of land-use or a consent use application required?

YES	<input checked="" type="checkbox"/>
YES	<input checked="" type="checkbox"/>

Must a building plan be submitted to the local authority?

Locality map:

An A3 locality map must be attached to the back of this document, as Appendix A. The scale of the locality map must be relevant to the size of the development (at least 1:50 000. For linear activities of more than 25 kilometres, a smaller scale e.g. 1:250 000 can be used. The scale must be indicated on the map.) The map must indicate the following:

- an indication of the project site position as well as the positions of the alternative sites, if any;
- road access from all major roads in the area;
- road names or numbers of all major roads as well as the roads that provide access to the site(s);
- all roads within a 1km radius of the site or alternative sites; and
- a north arrow;
- a legend; and
- locality GPS co-ordinates (Indicate the position of the activity using the latitude and longitude of the centre point of the site for each alternative site. The co-ordinates should be in degrees, minutes and seconds. The projection that must be used in all cases is the WGS84 spheroid in a national or local projection)

1. GRADIENT OF THE SITE

Indicate the general gradient of the site.

Alternative S1:

Flat	1:50 – 1:20					
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2. LOCATION IN LANDSCAPE - S1

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

2.1 Ridgeline			

3. GROUNDWATER, SOIL AND GEOLOGICAL STABILITY OF THE SITE

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

	Alternative S1:		Alternative S2 - Apply for exemption		Alternative S3 Apply for exemption	
Shallow water table (less than 1.5m deep)	<input checked="" type="checkbox"/>	NO	YES	NO	YES	NO
Dolomite, sinkhole or doline areas	<input checked="" type="checkbox"/>	NO	YES	NO	YES	NO
Seasonally wet soils (often close to water bodies)	<input checked="" type="checkbox"/>	NO	YES	NO	YES	NO
Unstable rocky slopes or steep slopes with loose soil	<input checked="" type="checkbox"/>	NO	YES	NO	YES	NO
Dispersive soils (soils that dissolve in water)	<input checked="" type="checkbox"/>	NO	YES	NO	YES	NO
Soils with high clay content (clay fraction more than 40%)	<input checked="" type="checkbox"/>	NO	YES	NO	YES	NO
Any other unstable soil or geological feature	<input checked="" type="checkbox"/>	NO	YES	NO	YES	NO
An area sensitive to erosion	<input checked="" type="checkbox"/>	NO	YES	NO	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).

4. GROUNDCOVER - S1

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).

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Building or other structure	Bare soil

If any of the boxes marked with an "E" 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.

5. LAND USE CHARACTER OF SURROUNDING AREA - S1

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:

5.1 Natural area			
[REDACTED]		[REDACTED]	
[REDACTED]		[REDACTED]	
[REDACTED]		[REDACTED]	
[REDACTED]		[REDACTED]	
[REDACTED]		[REDACTED]	
[REDACTED]		[REDACTED]	
5.8 Spoil heap or slimes dam ^A		[REDACTED]	
[REDACTED]		[REDACTED]	
[REDACTED]		[REDACTED]	
[REDACTED]		[REDACTED]	
[REDACTED]		[REDACTED]	
[REDACTED]		[REDACTED]	
[REDACTED]		[REDACTED]	
[REDACTED]		[REDACTED]	
[REDACTED]		[REDACTED]	
[REDACTED]		[REDACTED]	
[REDACTED]		[REDACTED]	
[REDACTED]		[REDACTED]	
[REDACTED]		5.39 Mountain, koppie or ridge	
[REDACTED]		[REDACTED]	
[REDACTED]		[REDACTED]	
5.21 Dam or Reservoir		[REDACTED]	

If any of the boxes marked with an "N" are ticked, how will this impact / be impacted upon by the proposed activity?

-

If any of the boxes marked with an "An" are ticked, how will this impact / be impacted upon by the proposed activity?

If YES, specify and explain:	The activity (spoils heap) will not impact the proposed development nor will the activity be impacted on by the proposed development
If NO, specify:	-

If any of the boxes marked with an "H" are ticked, how will this impact / be impacted upon by the proposed activity.

If YES, specify and explain:	-
If NO, specify:	-

6. CULTURAL/HISTORICAL FEATURES - S1

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?	<input type="checkbox"/>	NO
	<input type="checkbox"/>	

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?	<input type="checkbox"/>	NO
Is it necessary to apply for a permit in terms of the National Heritage Resources Act, 1999 (Act 25 of 1999)?	<input type="checkbox"/>	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.

SECTION C: PUBLIC PARTICIPATION

1. ADVERTISEMENT

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 department) 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 department;
- (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 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 department, 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

2. 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 department 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
 - (v) the manner in which and the person to whom representations in respect of the application may be made.

3. 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 department 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 these Regulations.

Advertisements and notices must make provision for all alternatives.

4. 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 department to withdraw any authorisation it may have issued if it becomes apparent that the public participation process was inadequate.

5. 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 these Regulations and be attached to this application. The comments and response report must be attached under Appendix E.

6. 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.

Name of Authority informed:	Comments received (Yes or No)
Ba-Phalaborwa Local Municipality	No
The Ward Councillor, Ward 10	No
Mopani District Municipality	No
South African Heritage Resources Agency	No

7. 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 department.

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

Has any comment been received from stakeholders?

<input type="checkbox"/>	<input checked="" type="checkbox"/> NO
--------------------------	--

If “YES”, briefly describe the feedback below (also attach copies of any correspondence to and from the stakeholders to this application):

-

SECTION D: IMPACT ASSESSMENT

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.

1. 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):

-

2. 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.

2.1 Alternative 1 (preferred alternative)

2.1.1 IMPACTS:

2.3.1.1 IMPACTS RESULTING FROM THE PLANNING AND DESIGN PHASE

Direct impacts:

PHYSICAL:

1. **Safety aspects:** The following safety aspects were taken into consideration in planning the telecommunication base station:
 - Position & height in terms of official airports, helipads and air traffic routes as determined by SACAA. Approved by the SACAA on condition that the mast must be painted red & white as a mitigation measure to prevent aircraft accidents.
 - 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 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 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: not available within the establishment area required in terms of the coverage objectives.
- 54m height required to achieve maximum coverage objectives 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;
- Red & white lattice design mast will have a high visual impact on the short distance viewpoints, due to the red and white colour being highly visible, but a low impact on the medium to long distance viewpoints, due to the high mitigation provided by the blending capability against the sky background of the more transparent structure type.

BIOLOGICAL:

No major expected or proven biological impacts will result from the proposed development. The base station is situated on an area already severely disturbed by human activities, and contains no vegetation.

SOCIO-ECONOMIC:

Site position has been determined based on the requirement to deliver mobile telecommunication signal coverage and availability within the target area enabling local residents and the general public, within the area to select and maintain quality telecommunication services and connectivity via the MTN mobile telecommunication network. MTN is obliged to fulfill their license 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 landowner to minimise the possible impact on existing operations and possible future development plans or phases. Therefore the utilisation and development value and potential of property is maintained.

Cumulative impacts:

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

2.3.1.2 IMPACTS RESULTING FROM THE CONSTRUCTION PHASE

Direct impacts:

Construction of the telecommunication base station will consume approximately 6 weeks.

1. Increased activity and traffic at the premises including material delivery and work team movements.
2. Minimum disruption of operations within the vicinity as the base station is located on an open area in between residential development with little economic activity.
3. Increased workplace accident risk due to the mere occurrence of activity.
4. Generation of standard building rubble & the transportation thereof to the appropriate licensed landfill site.
5. 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 landfill site.

Cumulative impacts:

Construction activity

2.3.1.3 IMPACTS THAT MAY RESULT FROM THE OPERATIONAL PHASE

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 54m lattice telecommunication mast painted red & white.
6. Increased 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:

Increased telecommunication infrastructure availability and quality.

2.3.1.4 IMPACTS THAT MAY RESULT FROM THE DECOMMISSIONING AND CLOSURE PHASE

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

2.3.2 MITIGATION MEASURES

2.3.2.1 MITIGATION MEASURES FOR IMPACTS RESULTING FROM THE PLANNING AND DESIGN PHASE

1. SACAA prescribed day & night markings.
2. Lattice type structure painted red & white.
3. 2.4m high steel palisade fence enclosure unpainted (galvanised).
4. Provision for infrastructure sharing

2.3.2.2 MITIGATION MEASURES FOR IMPACTS RESULTING FROM THE CONSTRUCTION PHASE

1. Temporary special traffic control measures if and when applicable.
2. Specific arrangements with property owner and immediate surrounding population 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. Transport construction waste on a regular basis to the appropriate landfill site.
5. Implement and maintain dust prevention measures e.g. water sprinkling, and store topsoil separately for appropriate landscaping distribution on completion of construction.
6. Prevent and minimise construction waste generation.

2.3.2.3 MITIGATION MEASURES FOR IMPACTS RESULTING FROM THE OPERATIONAL PHASE

1. Economical electricity consumption designs.
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 (CNIRP) & World Health Organisation (WHO) guidelines.
4. Installation of day & night markings to reduce air traffic safety impact.
5. Lattice type structure provides high mitigation on visual impact on the medium to long distance due to the higher blending capability against the sky background of the more transparent structure type.
6. 2.4m high steel palisade fence unpainted (galvanised) to reduce short to long distance visual impact of the base station.

2.3.2.4 MITIGATION MEASURES FOR IMPACTS RESULTING FROM THE DECOMMISSIONING AND CLOSURE PHASE

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

2.2 No-go alternative (compulsory)

2.4.1 IMPACTS:

Direct impacts:

- Status quo: Unacceptable mobile telecommunication coverage and quality standards on the MTN network within the target area.
- Status quo: Limitation in terms of mobile telecommunication network choice for residents and the general public,
- No visual impact of the base station, specifically the mast structure, on the short, medium and long distance view points.
- No additional air traffic obstacles

Indirect impacts:

NA

Cumulative impacts:

NA

2.4.2 MITIGATION MEASURES:

Obtain approvals necessary, construct and operate the antennae.

3. 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 1 (preferred alternative)

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 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 6 weeks only.
2. The safety impact is the highest contributing negative impact of this alternative, due to the SACAA approval indicating that the mast has to be painted red & white as a mitigation measure prescribed

by the SACAA to prevent aircraft accidents.

3. The permanent visual impact of the telecommunication mast is the second highest contributing negative impact of the proposed activity on the receiving environment and therefore requires the optimum level of mitigation measures to minimise the effect on the environment. The mast has to be painted red & white as a mitigation measure prescribed by the SACAA to prevent aircraft accidents. The lattice mast type structure provides maximum mitigation on the medium to long distance visual impact due to the transparent structure type mast blending with the sky background. The 2.4m high unpainted (galvanised) palisade fence to reduce short to long distance visual impact of the base station due to the blending capability with the surrounding environment.
4. 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.
5. No major expected or proven biological impacts will result from the proposed development.
6. The local electricity supply grid can accommodate the additional load required by the telecommunication base station. The base station design requires a 3-phase electricity supply at a maximum demand of 80A.
7. No other alternatives were assessed as all other feasible alternatives have the more or less the impact on the surrounding environment that this activity and position will have.

No-go alternative (compulsory)

If the activity does not take place, MTN (Pty) Ltd will not be in a position to fulfill certain commitments in terms of their license conditions, as issued by government, within the target area in question. This will implicate an incomplete network hampering and restricting communication quality and quantity on the network. The status quo will remain which defeats the objective of the planned activity.

For more alternatives please continue as alternative D, E, etc.

SECTION E. RECOMMENDATION OF PRACTITIONER

Are the information contained in this report and the documentation attached hereto sufficient to make a decision in respect of the activity applied for (in the view of the environmental assessment practitioner)?

YES	
-----	--

If "NO", indicate the aspects that should be assessed further as part of a Scoping and EIA process before a decision can be made (list the aspects that require further assessment):

-

If "YES", please list any recommended conditions, including mitigation measures that should be considered for inclusion in any authorisation that may be granted by the department in respect of the application:

- | |
|---|
| <ol style="list-style-type: none"> 1. Telecommunication mast painted red and white and base station, to be established as per site <i>alternative 1</i> as the preferred alternative as it has a low direct and cumulative impact on the direct receiving environment and the location of the site is in accordance with the preferences tabled by the landowner. 2. A heritage impact study should be conducted for the power line to be constructed for AC Supply as it is more than 300m in length and any recommendations or mitigation measures prescribed by the specialist adhered to. 3. Stringent measures to be implemented for the duration of the construction period to prevent unauthorised access to the construction site and safety of the public. 4. Dust suppression measures to be implemented during earthworks. 5. Appropriate arrangements to be made for the provision of chemical toilets during the construction phase or to use existing sanitation facilities on the site. 6. Establishment of a 54 meter high lattice telecommunication mast painted red & white with SACAA day & night marking requirements. 7. Base station to be enclosed with a 2.4m high steel unpainted (galvanised) palisade fence. 8. Final required electricity connection point to be determined and established in consultation with the property owner and/or appropriate electricity authority. |
|---|

Is an EMPr attached?

The EMPr must be attached as Appendix F.

YES	
-----	--

SECTION F: APPENDIXES

The following appendixes must be attached as appropriate:

Appendix A: Site plan(s)

Appendix B: Photographs

Appendix C: Facility illustration(s)

Appendix D: Specialist reports

Appendix E: Comments and responses report

Appendix F: Environmental Management Programme (EMPr)

Appendix G: Other information

SECTION G: DECLARATION BY THE ENVIRONMENTAL ASSESSMENT PRACTITIONER

I, _____ declare that I –

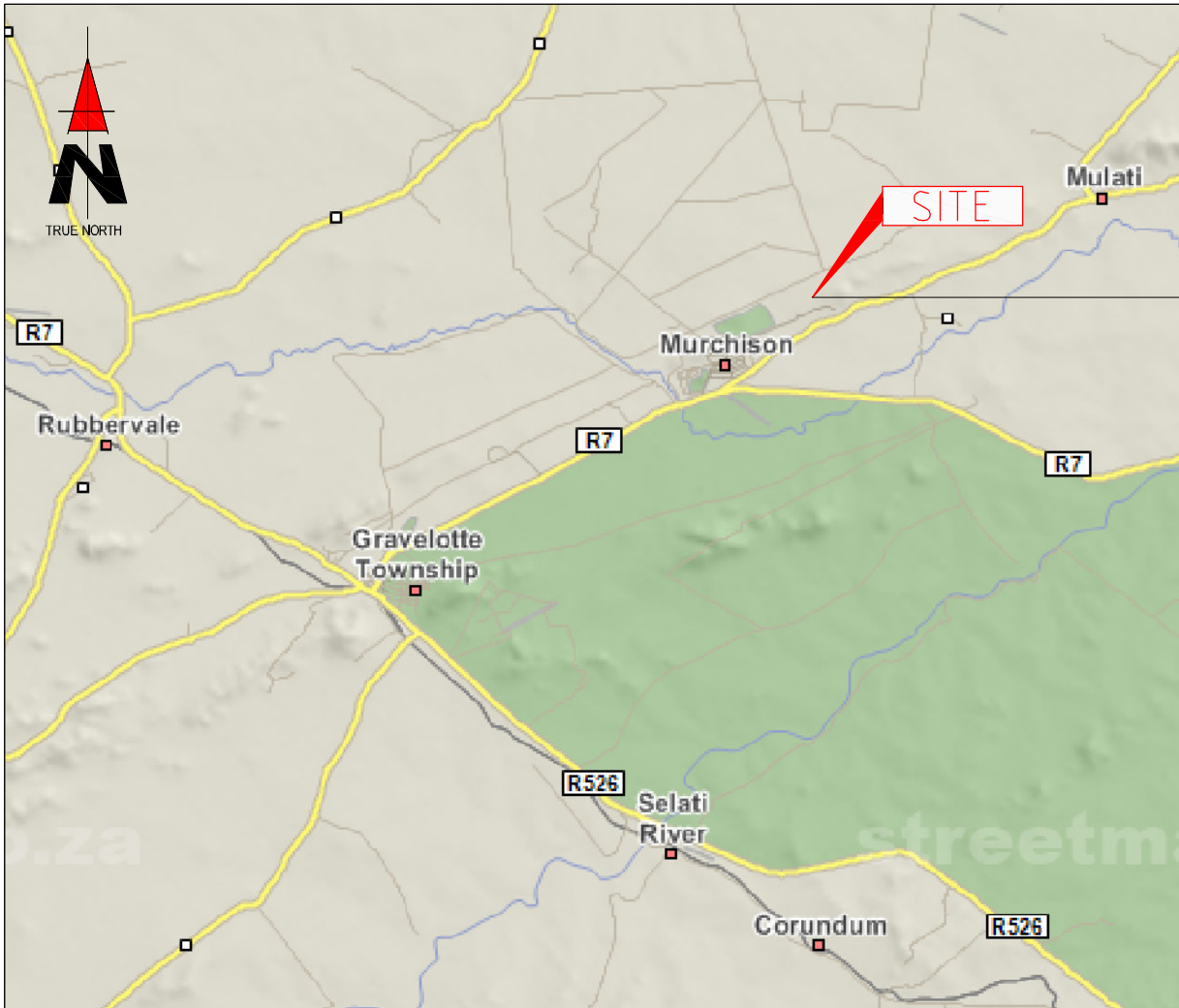
- (a) act as the independent environmental practitioner in this application;
- (b) do not have and will not have any financial interest in the undertaking of the activity, other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2010;
- (c) do not have and will not have a vested interest in the proposed activity proceeding;
- (d) have no, and will not engage in, conflicting interests in the undertaking of the activity;
- (e) undertake to disclose, to the competent authority, any material information that has or may have the potential to influence the decision of the competent authority or the objectivity of any report, plan or document required in terms of the Environmental Impact Assessment Regulations, 2006;
- (f) will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- (g) will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the Department in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the Department may be attached to the report without further amendment to the report;
- (h) will keep a register of all interested and affected parties that participated in a public participation process; and
- (i) will provide the Department with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not.

Signature of the Environmental Assessment Practitioner:

Name of company:

Date:

Appendix A: Site Plans



T9738
GRAVELOTTE W/RES



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

SITE NAME:
GRAVELOTTE W/RES

BASE STATION NUMBER:
T9738

REV	DATE	BY	DESCRIPTION
A	22/06/2012	JS	FIRST ISSUE

NOTES:
PIET WARREN PLASE (PTY) LTD

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:
THE FARM BEGIN 917 LT

COORDINATES:
LAT: 23° 53' 11.94" S
LONG: 30° 42' 49.61" E

PROJECT:
NEW 10x10m TELECOMMUNICATION BASESTATION
WITH A 54m 4-LEGGED LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
OFF THE R71,
TOWARDS PHALABORWA ON THE LEFT HAND SIDE,
LIMPOPO



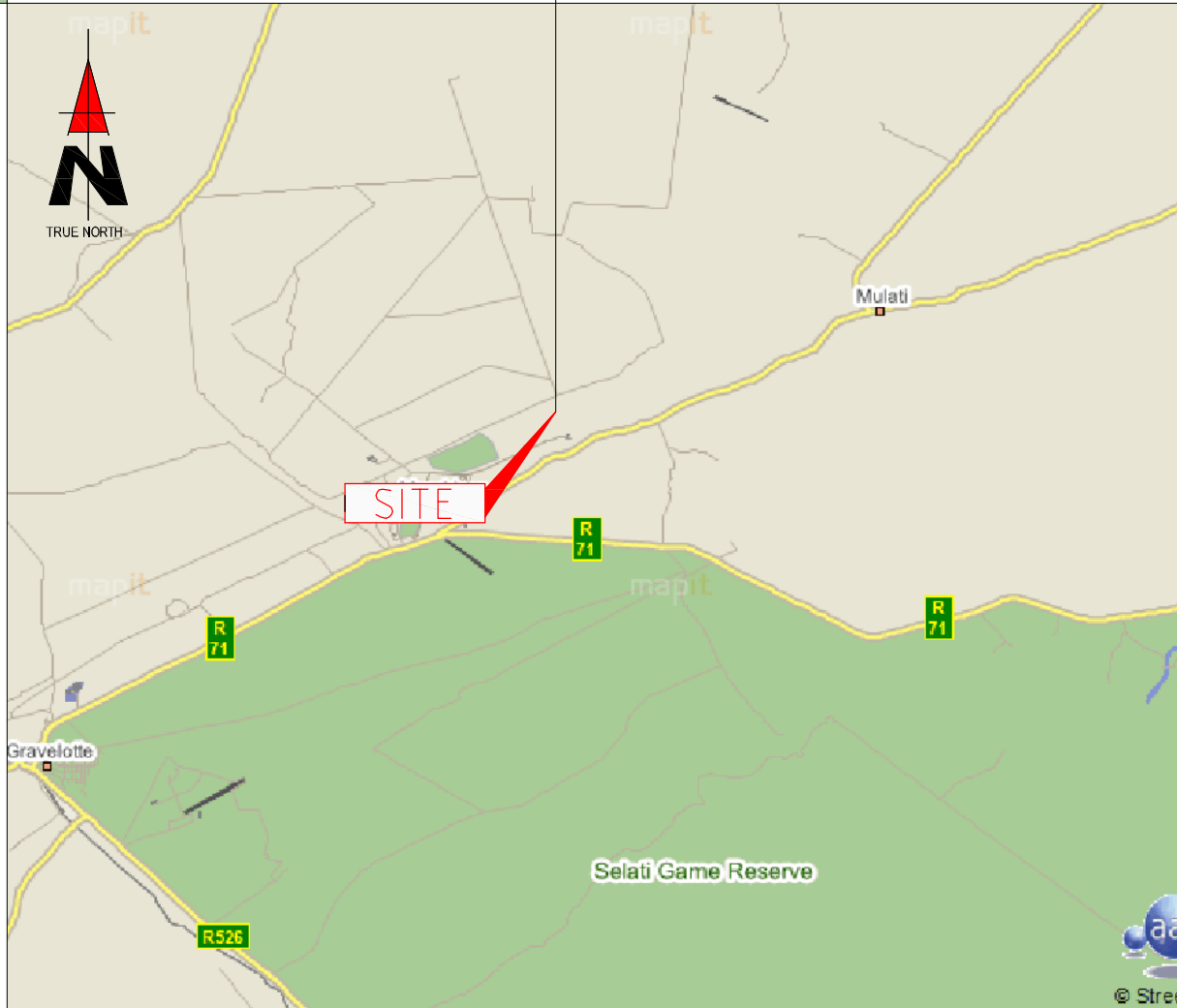
414 Rustic Road
Silvertondale
0184
Tel. +27 (12) 804 1504/6
Fax: +27 (12) 804 7072
admin@infraplan.co.za
P.O. Box 32017
Totiusdal
0134

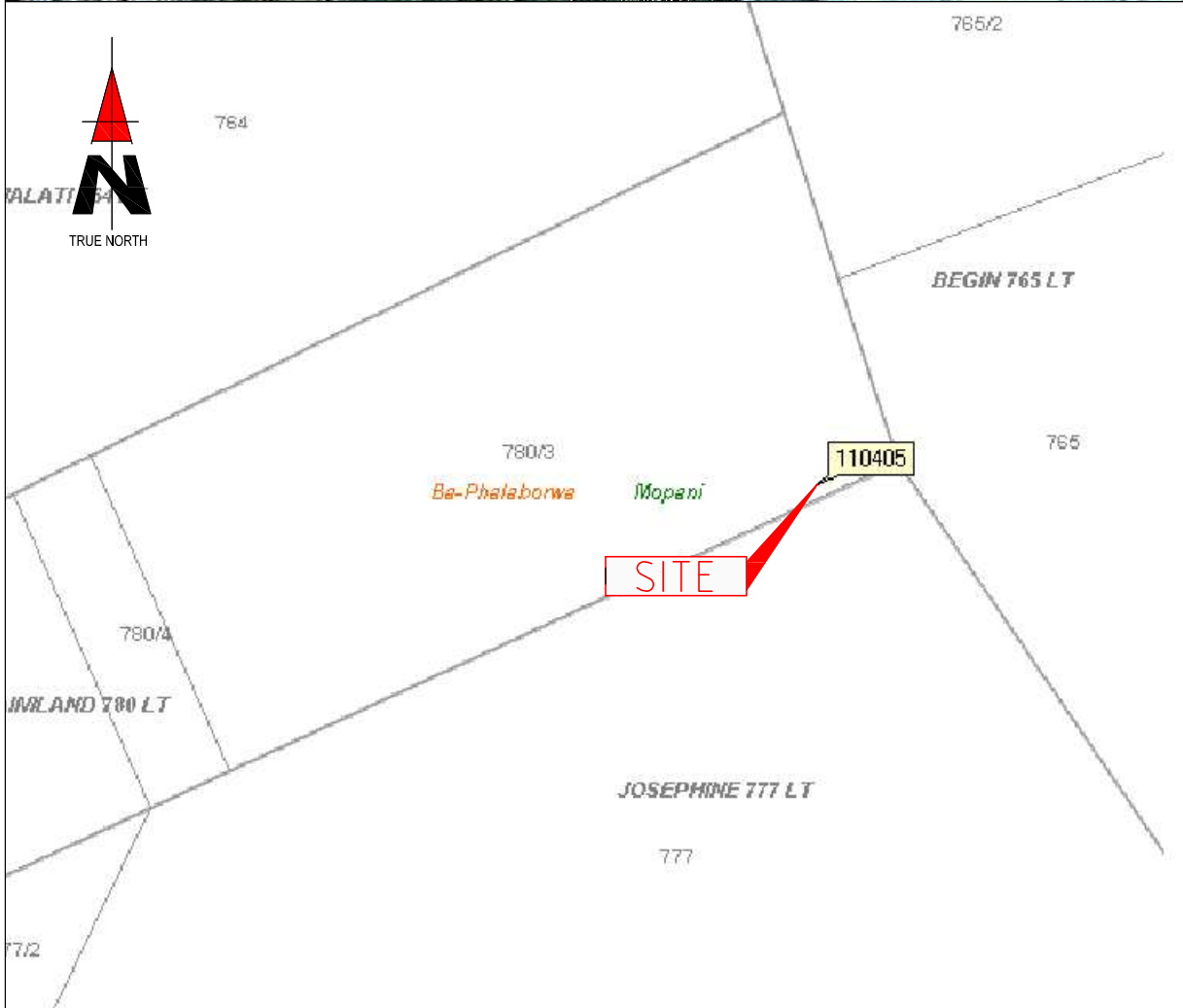
RFQ NO.:
157993

PROJECT NUMBER:
123825

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: JANINE STEYN
DATE: 26/04/2012
SCALE: NTS
REF. NO: 811/T9738

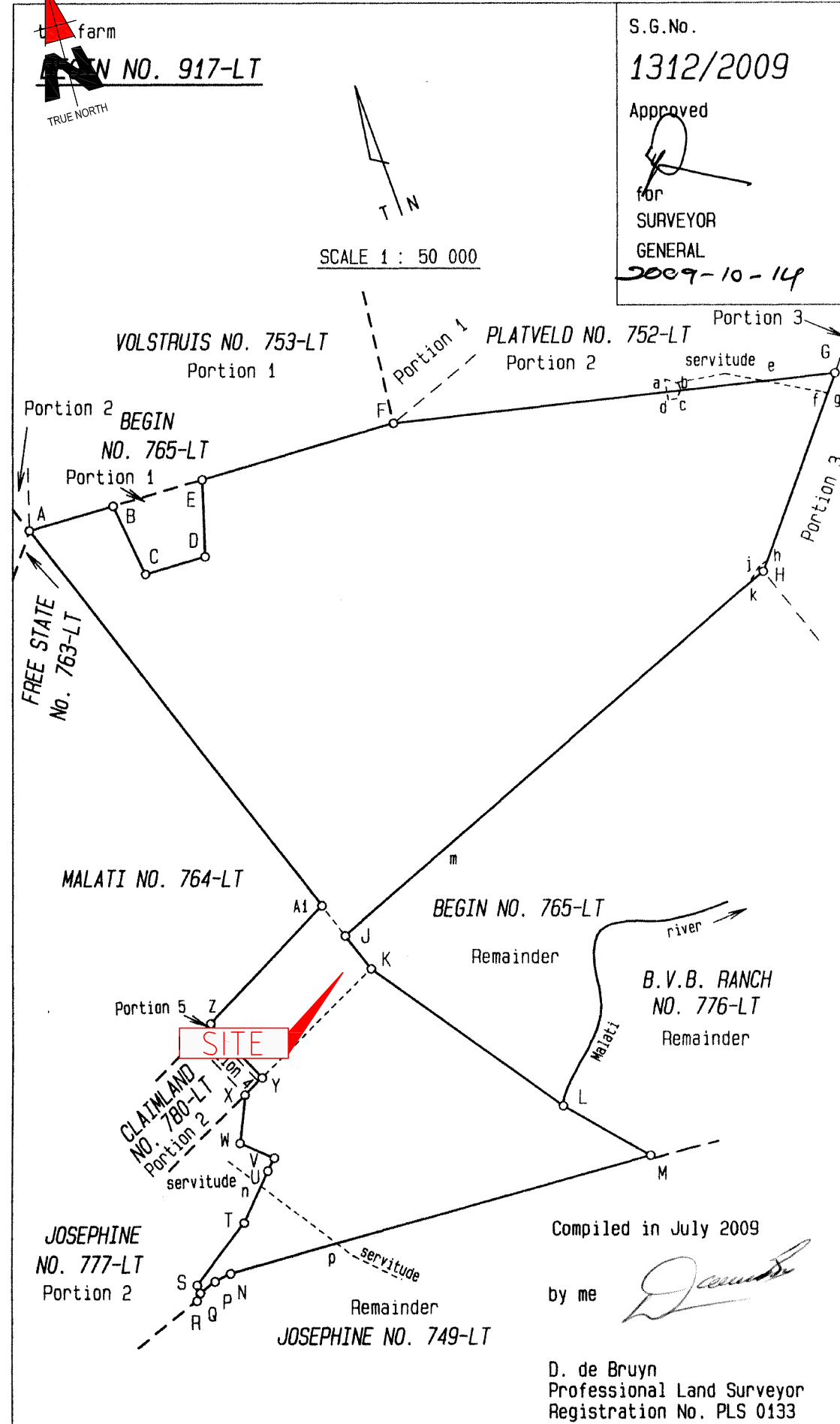




CONSOLIDATION DIAGRAM

Sheet 2 of 2 sheets

OFFICE COPY



S.G.No.
1312/2009

Approved

for
SURVEYOR
GENERAL

2009-10-14

SCALE 1 : 50 000

1267 Pretorius Street
Block B, Hadeffelds Complex
Hatfield, 0083

Tel. +27 (12) 342 2900
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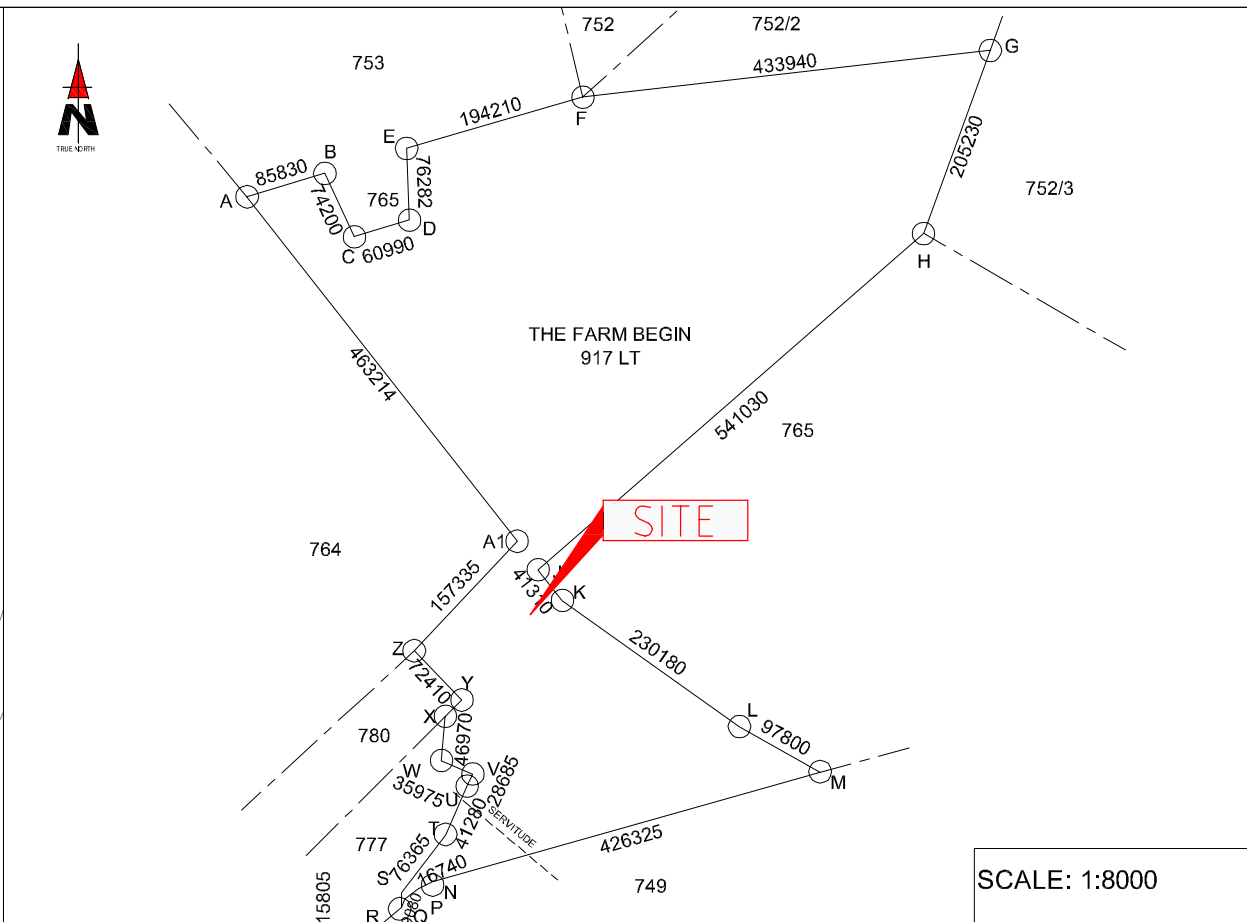
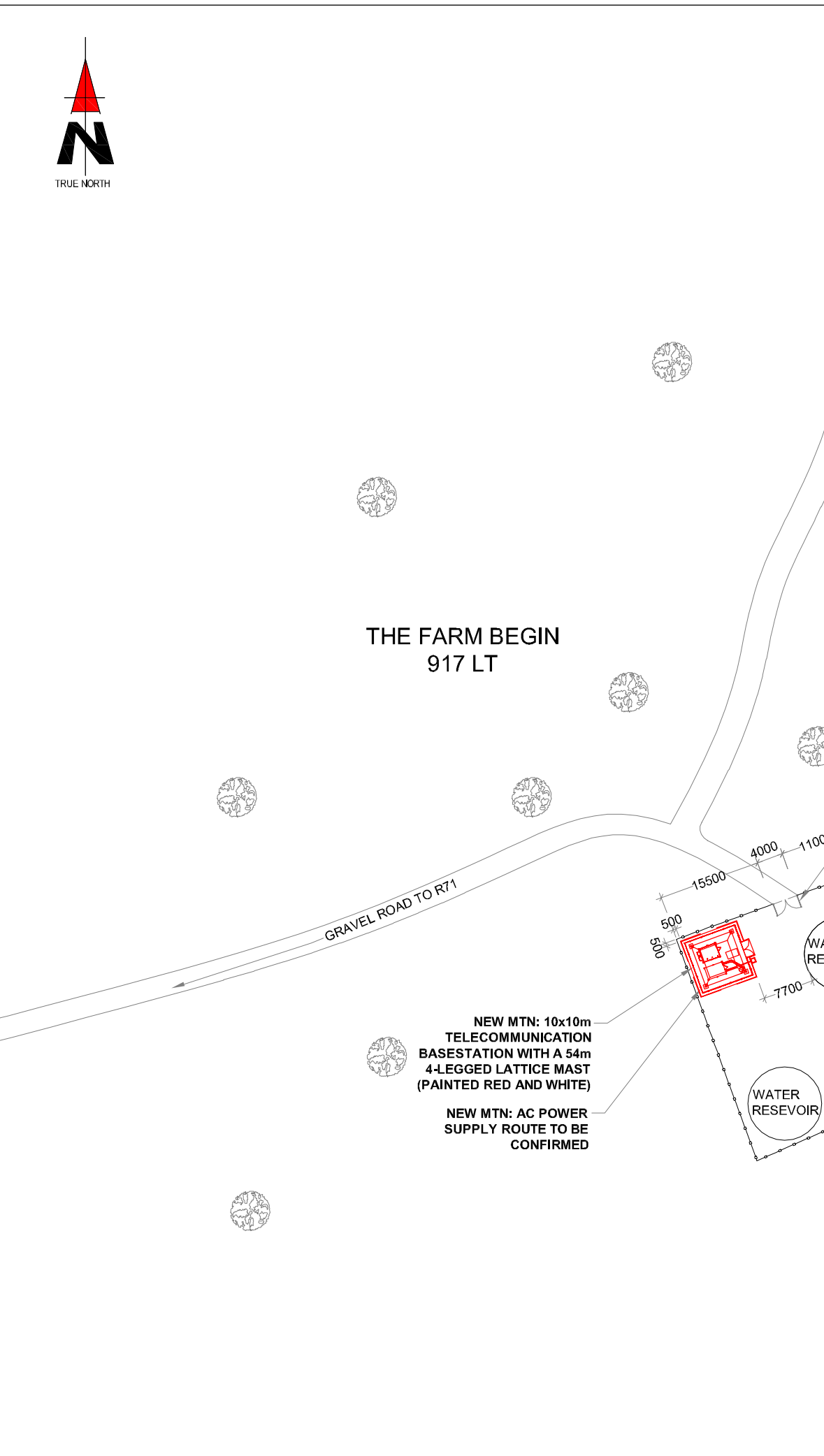
DATE: 26/04/2012
REF. NO: 811/T9738

CADASTRAL INFO
SHEET 2 OF 9

Compiled in July 2009

by me

D. de Bruyn
Professional Land Surveyor
Registration No. PLS 0133



NEW MTN: AC POWER SUPPLY CONNECTION FROM POLE: 101/176/102 ±1.8km TO THE EAST



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SITE NAME: **GRAVELLOTTE W/RES**

BASE STATION NUMBER: **T9738**

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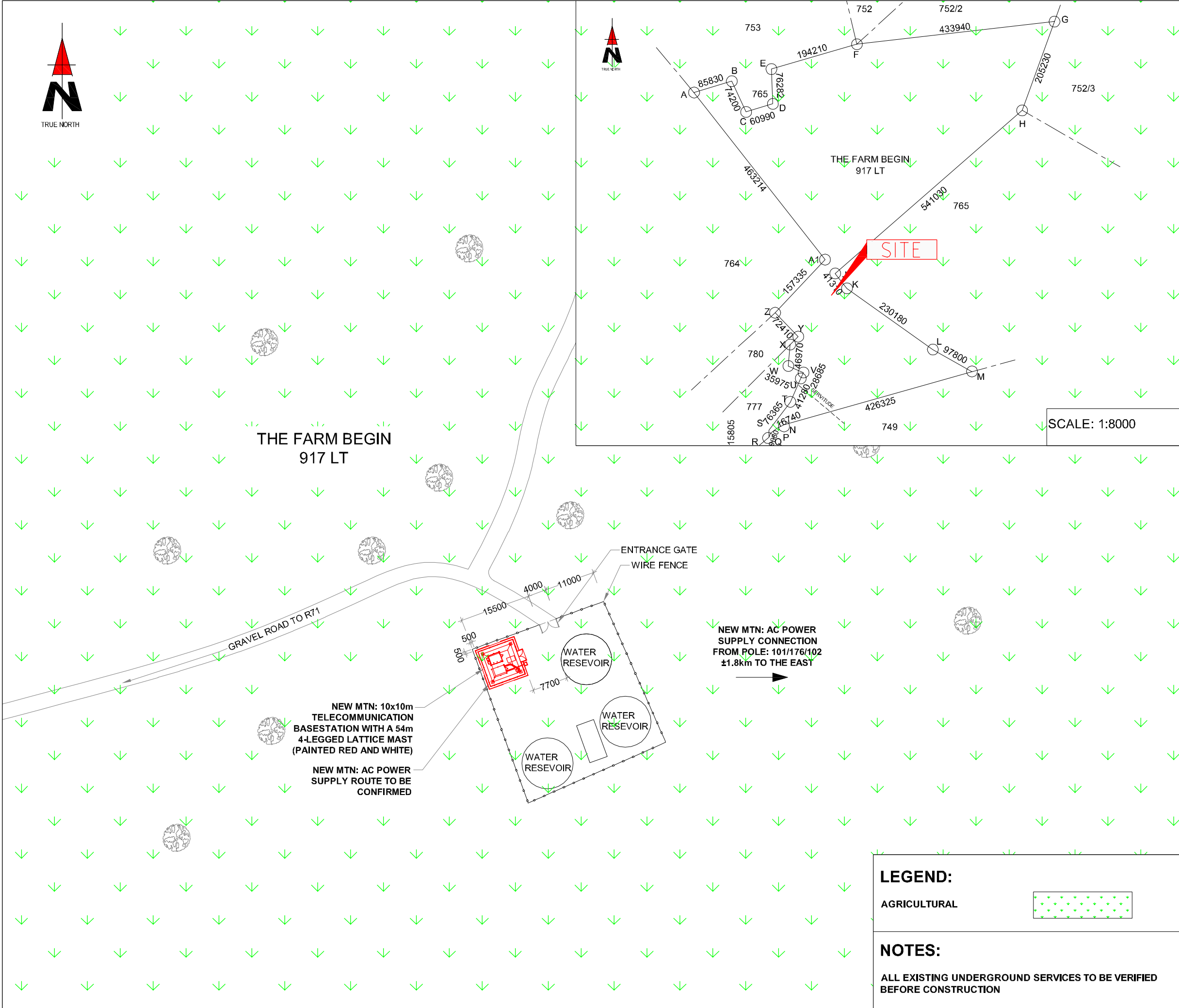
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ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION RI/0 1/1001
ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: JANINE STEYN
SCALE: 1:800

DATE: 26/04/2012
REF. NO: 811/T9738

NOTES:
ALL EXISTING UNDERGROUND SERVICES TO BE VERIFIED BEFORE CONSTRUCTION

SITE DEVELOPMENT PLAN
SHEET 3 OF 9



1267 Pretorius Street
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Tel: +27 (12) 342 2900
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Postnet Suite 146
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Menlo Park

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REV	DATE	BY	DESCRIPTION
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NOTES:
PIET WARREN PLASE (PTY) LTD

SCALE: 1:8000

STRICTLY COMPANY CONFIDENTIAL
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WITH A 54m 4-LEGGED LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
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LIMPOPO



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P.O. Box 32017
Tollusdal
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DRAWN: JANINE STEYN
SCALE: 1:800

DATE: 26/04/2012
REF. NO: 811/T9738

LEGEND:

AGRICULTURAL

NOTES:

ALL EXISTING UNDERGROUND SERVICES TO BE VERIFIED BEFORE CONSTRUCTION



CLAIMLAND 780 LT

780/3

Ba-Phalaborwa

BEGIN 765 LT

Ba-Phalaborwa

765

Murchison

110405

Mopani SITE

777

JOSEPHINE 777 LT



1267 Pretorius Street
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Hatfield, 0083

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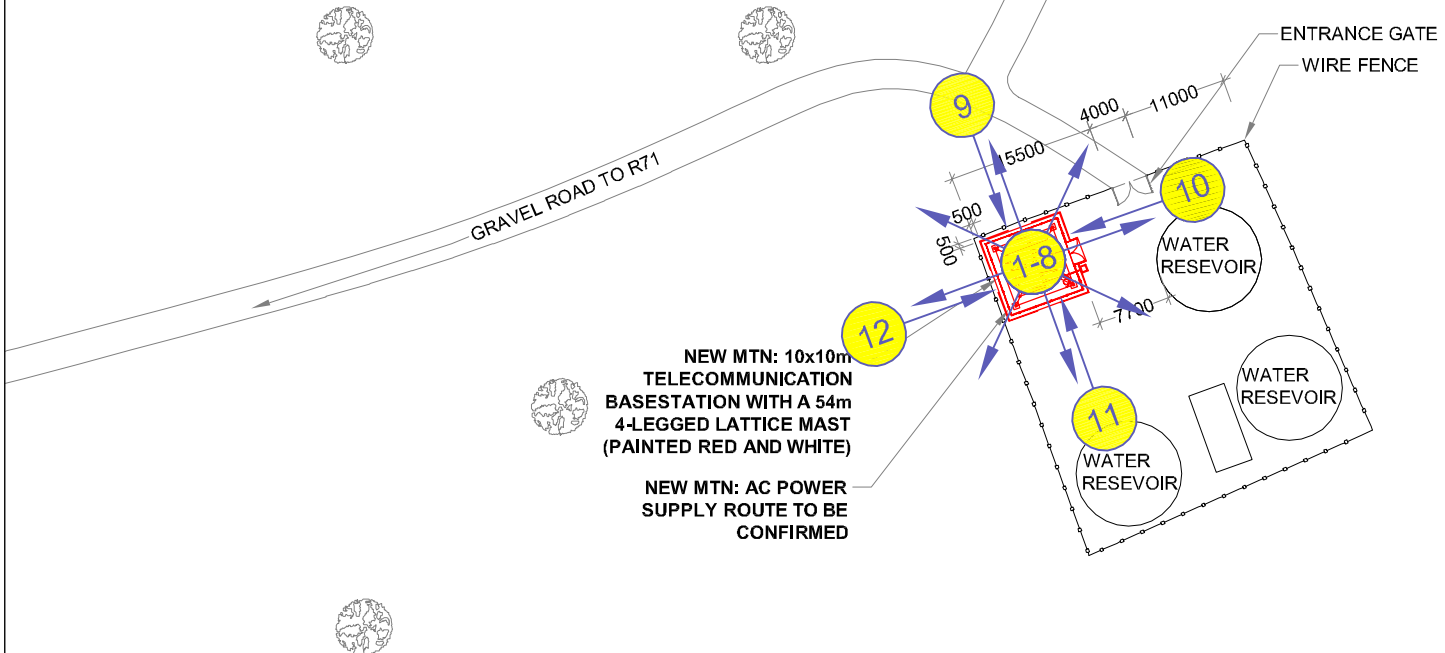
DRAWN: JANINE STEYN DATE: 26/04/2012
SCALE: NTS REF. NO: 811/T9738

CONTOUR INTERVAL
SHEET 5 OF 9

Appendix B: Site Photographs (Alternative 1, 2 & 3)



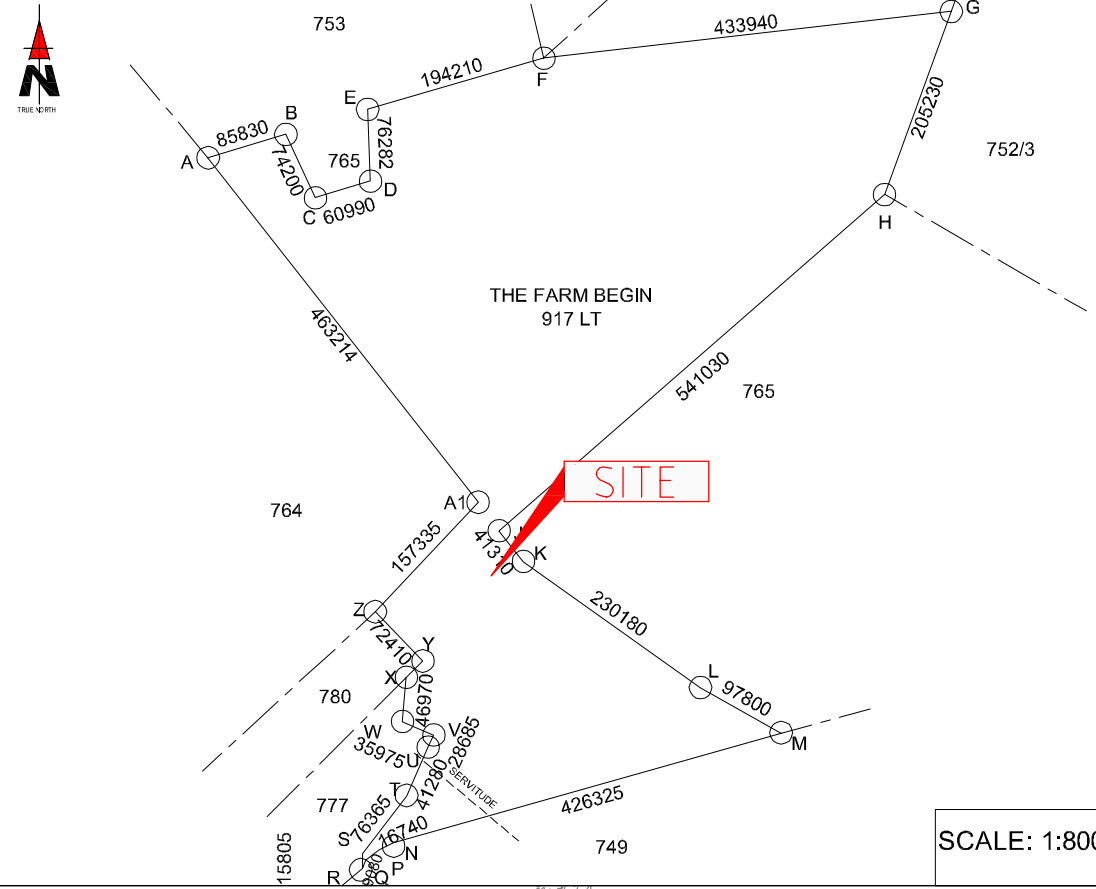
THE FARM BEGIN
917 LT



NEW MTN: 10x10m
TELECOMMUNICATION
BASESTATION WITH A 54m
4-LEGGED LATTICE MAST
(PAINTED RED AND WHITE)

NEW MTN: AC POWER
SUPPLY ROUTE TO BE
CONFIRMED

NEW MTN: AC POWER
SUPPLY CONNECTION
FROM POLE: 101/176/102
±1.8km TO THE EAST



SCALE: 1:8000



1267 Pretorius Street
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Hatfield, 0083

Tel. +27 (12) 342 2900
Fax: +27 (12) 342 9208

Postnet Suite 146
Private Bag X15
Menlo Park

SITE NAME:
GRAVELLOTTE W/RES

BASE STATION NUMBER:
T9738

REV	DATE	BY	DESCRIPTION
A	22/06/2012	JS	FIRST ISSUE

NOTES:
PIET WARREN PLASE (PTY) LTD

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:
THE FARM BEGIN 917 LT

COORDINATES:
LAT: 23° 53' 11.94" S
LONG: 30° 42' 49.61" E

PROJECT:
NEW 10x10m TELECOMMUNICATION BASESTATION
WITH A 54m 4-LEGGED LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
OFF THE R71,
TOWARDS PHALABORWA ON THE LEFT HAND SIDE,
LIMPOPO



414 Rustic Road
Silvertondale
0184

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

P.O. Box 32017
Toitussdal
0134

RFQ NO.:
157993

PROJECT NUMBER:
123825

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/0 1/1001 ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: JANINE STEYN
SCALE: 1:800

DATE: 26/04/2012
REF. NO: 811/T9738

NOTES:
ALL EXISTING UNDERGROUND SERVICES TO BE VERIFIED BEFORE CONSTRUCTION

SITE PHOTOGRAPHS
SHEET 6 OF 9

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

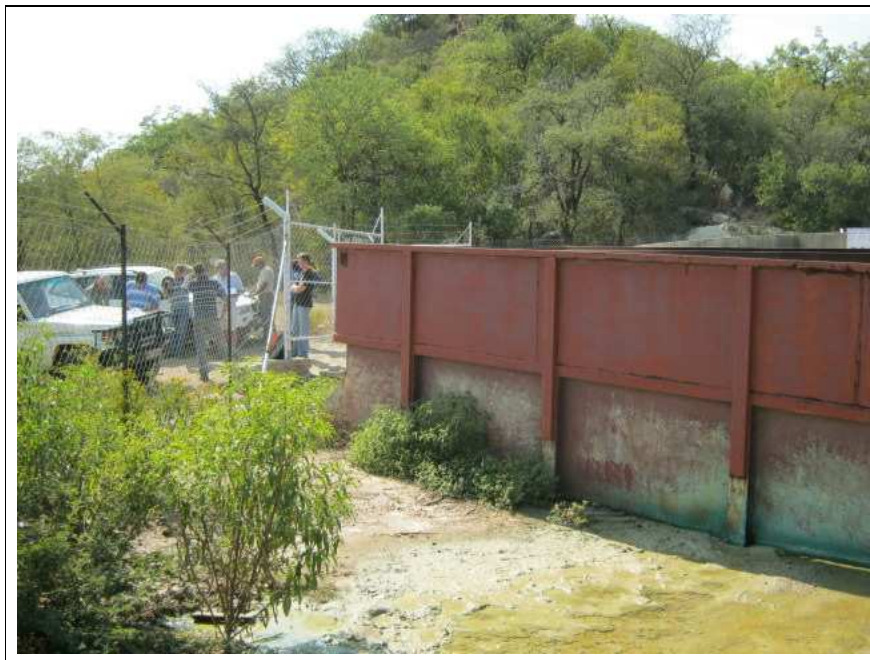


8. Panoramic view from the site direction North West

SITE PHOTOGRAPHS



9. View on basestation position direction North



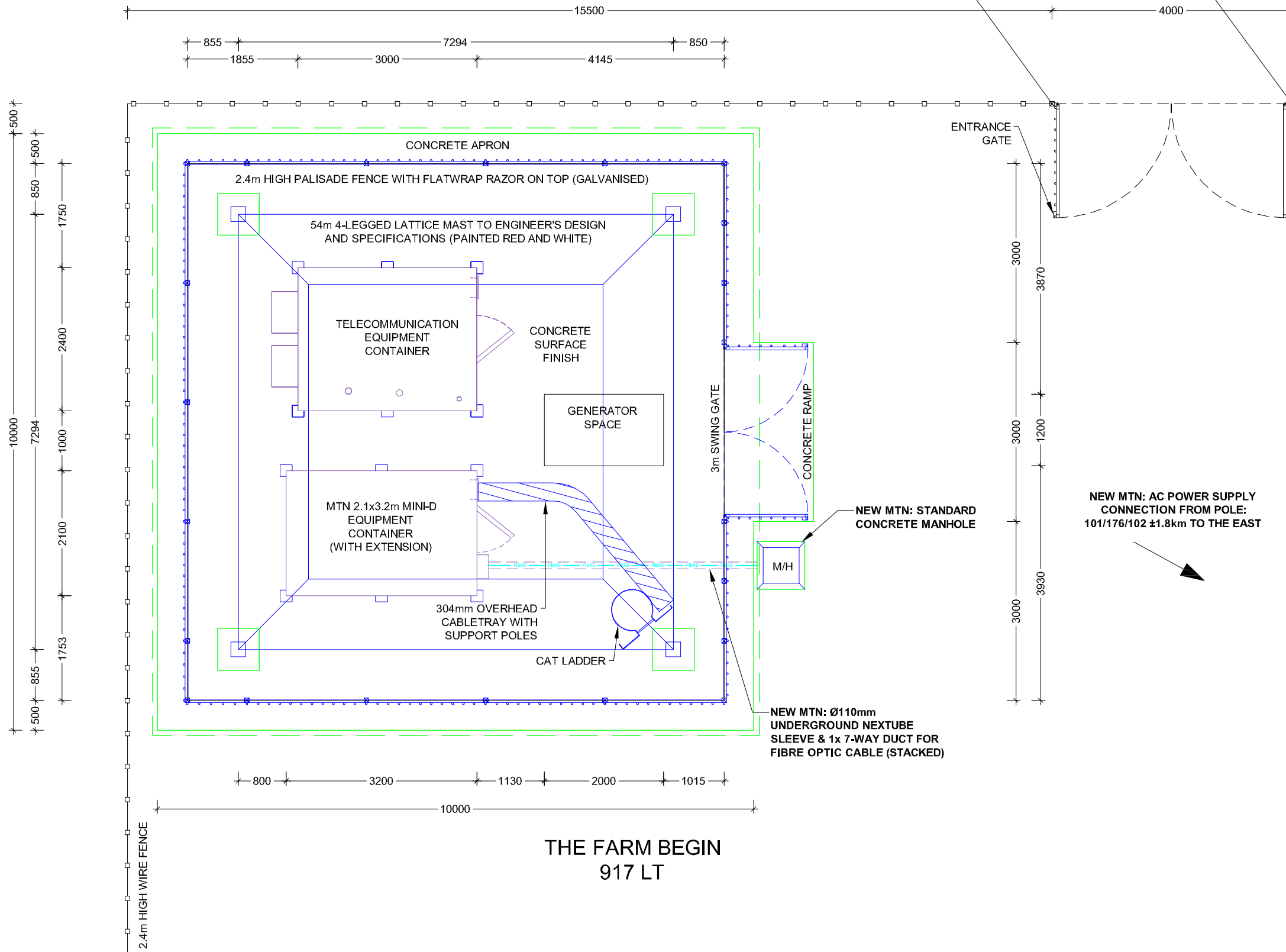
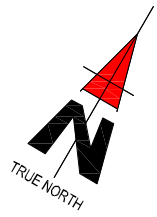
10. View on base station position direction South-East

SITE PHOTOGRAPHS



11. View on base station position direction West

Appendix C: Facility Illustration



THE FARM BEGIN
917 LT



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

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BASE STATION NUMBER:
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ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: JANINE STEYN
SCALE: 1:75
DATE: 26/04/2012
REF. NO: 811/T9738

SITE DETAIL
SHEET 7 OF 9

NOTES:

- ALL EXISTING UNDERGROUND SERVICES TO BE VERIFIED BEFORE CONSTRUCTION
- AC POWER SUPPLY ROUTE AND POINT TO BE CONFIRMED ON RFB SURVEY (POSSIBLY POLE : 101/ 176 /102 ±1.8Km)

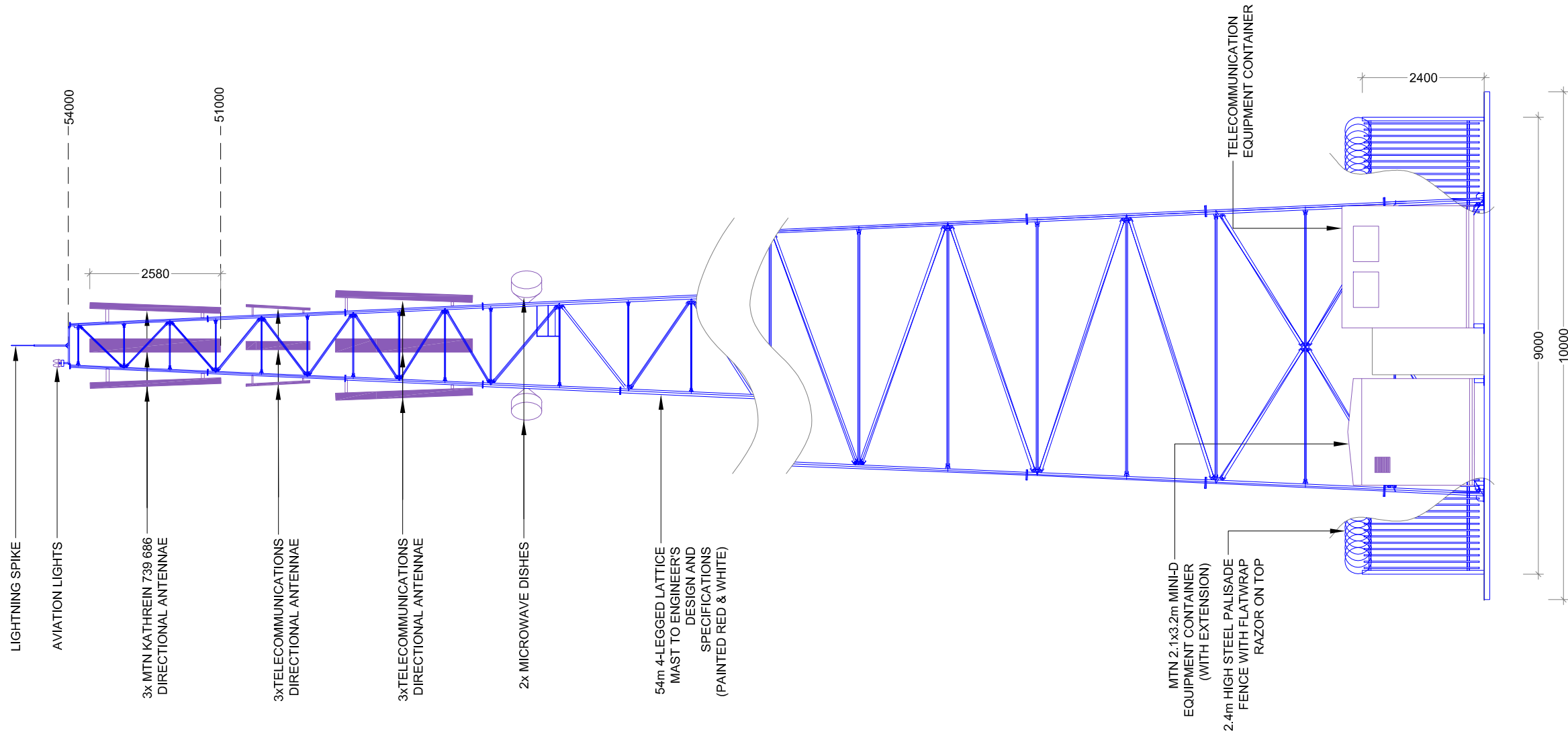
NEW MTN: AC POWER SUPPLY CONNECTION FROM POLE: 101/176/102 ±1.8km TO THE EAST

NEW MTN: STANDARD CONCRETE MANHOLE

NEW MTN: Ø110mm UNDERGROUND NEXTUBE SLEEVE & 1x 7-WAY DUCT FOR FIBRE OPTIC CABLE (STACKED)

MTN ANTENNAE KEY

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH. TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	KATHREIN 739 686	51			7/8"	± 56
2	120°	KATHREIN 739 686	51			7/8"	± 56
3	240°	KATHREIN 739 686	51			7/8"	± 56



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P.O. Box 32017
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0134

RFQ NO.:
157993

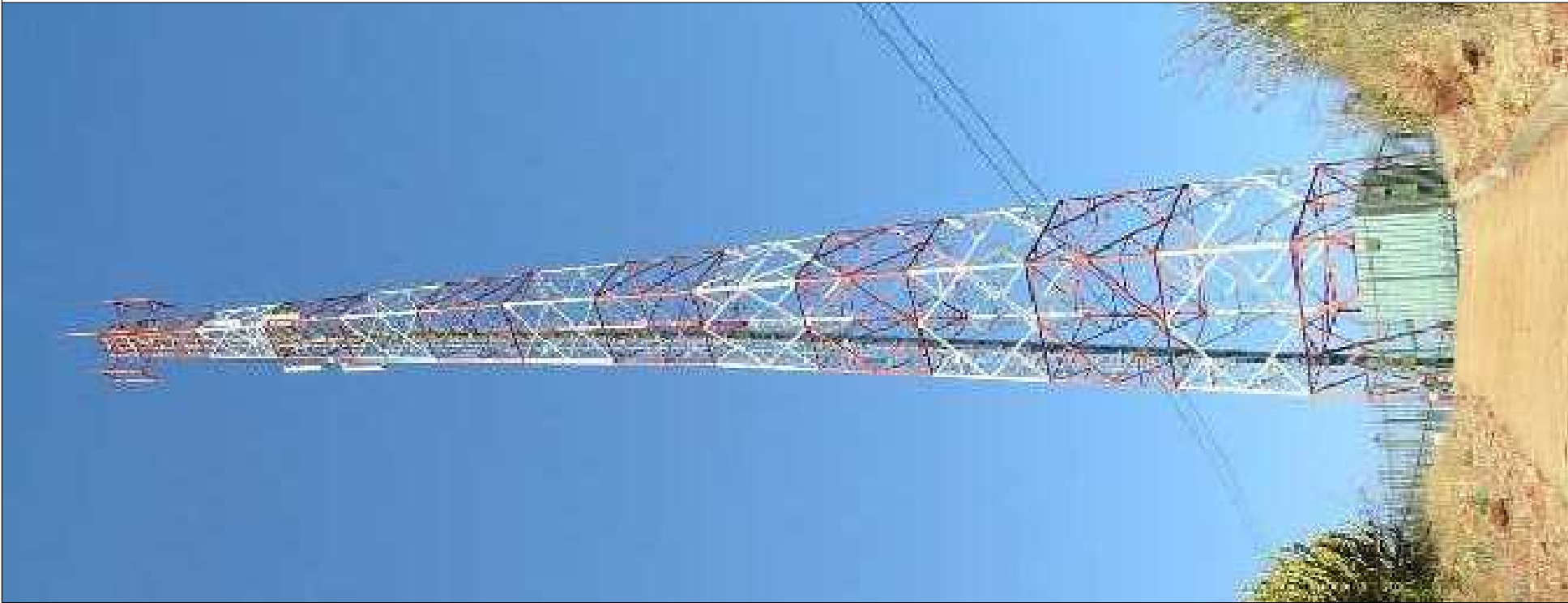
PROJECT NUMBER:
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DRAWN: JANINE STEYN
SCALE: 1:100

DATE: 26/04/2012
REF. NO: 811/T9738

WEST ELEVATION
SHEET 8 OF 9



TYPICAL 4-LEGGED LATTICE MAST
(PAINTED RED & WHITE)



1267 Pretorius Street
Block B, Hadeffelds Complex
Hatfield, 0083

Tel. +27 (12) 342 2900
Fax: +27 (12) 342 9208

Postnet Suite 146
Private Bag X15
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SITE NAME:
GRAVELLOTTE W/RES

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DRAWN: JANINE STEYN	DATE: 26/04/2012
SCALE: NTS	REF. NO: 811/T9738

FACILITY ILLUSTRATION
SHEET 9 OF 9

**Appendix D: Specialists Reports
Not applicable**

Appendix E: Comments & responses report

Interested & Affected Parties Register / Comments and Responses Report

Site number: T9738
 Site Name: Gravelotte W/Res
 EIA reference no.: 12/1/9/3-M10

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	29/06/2012	The Municipal Manager, Ba-Phalaborwa Local Municipality, Mr. H. Malatji	Private Bag X01020, Phalaborwa, 1390	Tel: (015) 780 6300 Fax: (015) 781 0726 Email: phalamun@lantic.net	NA	Auto I&AP	No comments received	No comments received
2	29/06/2012	The Ward Councillor, Ward 10, Clr. P.G Mabilo	Private Bag X01020, Phalaborwa, 1390	Tel: (015) 780 6300 Fax: (015) 781 0726 Email: phalamun@lantic.net	NA	Auto I&AP	No comments received	No comments received
3	29/06/2012	The Municipal Manager, Mopani District Municipality, Mr. Tim Maake.	Private Bax X9687, Giyani, 0826	Tel: (015) 811 6300 Fax: (015) 812 4302 Email: tim@mopani.gov.za	NA	Auto I&AP	No comments received	No comments received
4	29/06/2012	South African Civil Aviation Authority (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
5	29/06/2012	The Landowner, Piet Warren Plase (Pty) Ltd	PO Box 962, Tzaneen, 0850	Tel: (015) 318 7920	NA	Auto I&AP	No comments received	No comments received

Appendix F: Environmental Management Program (EMPr)



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:

12/1/9/3-M10 - T9738 Gravelotte W/R

July 2012

DOCUMENT APPRAISAL

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

Department Reference Number: **12/1/9/3-M10**

CONTENTS PAGE

1	INTRODUCTION	1-1
1.1	BACKGROUND AND BRIEF PROJECT DESCRIPTION	1-1
1.1.1	<i>Aims of the EMP</i>	1-1
1.1.2	<i>Contents of the EMP</i>	1-1
2	ADMINISTRATION AND REGULATION OF ENVIRONMENTAL OBLIGATIONS	2-1
2.1	ENVIRONMENTAL SITE AGENT	2-1
2.2	ENVIRONMENTAL AWARENESS TRAINING FOR SITE PERSONNEL	2-1
2.3	ON SITE COMMUNICATION PROCEDURE	2-2
2.3.1	<i>Environmental Awareness Training for Site Personnel</i>	2-2
2.3.2	<i>ESA Diary Entries</i>	Error! Bookmark not defined.
2.3.3	<i>Method Statements</i>	Error! Bookmark not defined.
2.3.4	<i>Record Keeping</i>	2-2
2.3.5	<i>Photographs</i>	2-2
2.3.6	<i>Environmental Completion Statement</i>	2-2
2.4	BASIC RULES OF CONDUCT	2-2
2.5	INTERNAL REVIEW AND AUDITING	2-3
3	ENVIRONMENTAL SPECIFICATIONS: CONSTRUCTION PHASE	3-1
3.1	SITE DEMARCATION	3-1
3.2	CONSTRUCTION FACILITIES	3-1
3.2.1	<i>Construction Camp</i>	3-1
3.2.2	<i>Toilet Facilities</i>	3-1
3.2.3	<i>Water Provision</i>	3-2
3.2.4	<i>General Aesthetics</i>	3-2
3.3	SITE CLEARING	3-2
3.3.1	<i>Vegetation Clearing</i>	3-2
3.3.2	<i>Site Access</i>	3-2
3.3.3	<i>Trenching</i>	3-3
3.4	MATERIALS HANDLING AND STORAGE	3-3
3.4.1	<i>Handling</i>	3-3
3.4.2	<i>Storage of Construction Materials</i>	3-3
3.4.3	<i>Storage of Equipment</i>	3-3
3.5	REFUELLING AND MAINTENANCE	3-3
3.5.1	<i>Refuelling</i>	3-3
3.5.2	<i>Maintenance</i>	3-4
3.6	ACCIDENTAL LEAKS AND SPILLS	3-4
3.7	WASTE MANAGEMENT	3-4
3.7.1	<i>Solid Waste</i>	3-4
3.8	EROSION CONTROL	3-5
3.9	FIRE CONTROL	3-5
3.10	PROTECTION OF NATURAL FEATURES, FLORA AND FAUNA	3-5
3.10.1	<i>Protection of Natural Features</i>	3-5
3.10.2	<i>Protection of Flora</i>	3-6
3.10.3	<i>Protection of Fauna</i>	3-6
3.11	PROTECTION OF HERITAGE AND CULTURAL FEATURES	3-6
3.12	DUST CONTROL	3-6
3.13	NOISE CONTROL	3-7
3.14	CEMENT	3-7
3.15	MAST COLOUR	3-7

3.16	COMPLAINTS REGISTER	3-7
3.17	SITE REHABILITATION AND LANDSCAPING	3-8
4	ENVIRONMENTAL SPECIFICATIONS: OPERATIONAL PHASE	4-1
4.1.1	<i>Maintenance</i>	4-1
5	ENVIRONMENTAL SPECIFICATIONS: DECOMMISSIONING PHASE	5-1
5.1.1	<i>Procedure</i>	5-1
6	EMERGENCY RESPONSE PLAN	6:1
6.1	TYPICAL REMEDIAL WORK OPTIONS	6:1

EXECUTIVE SUMMARY

The proponent, MTN (Pty) Ltd, intends the establishment of a new 54m high MTN (Pty) Ltd telecommunication mast. Including a new 100m² telecommunication base station, equipment containers and associated equipment.

The Department of Limpopo 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 new 54m high MTN (Pty) Ltd telecommunication mast. Including a new 100m² telecommunication base station, equipment containers and associated equipment.

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 and 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. <u>Also check:</u> ➤ 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 ² 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 ² 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. <u>Also check:</u> ➤ 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

Appendix G1 – Proof of Site Notices

Appendix G2 – Proof of Written Notices

Appendix G3 – Proof of Newspaper Notice

Appendix G4 – Register of Interested and Affected Parties and communication to
and from I&APs

Appendix G5 – Civil Aviation Authority Information

Appendix G6 – General

Appendix G1 – Proof of Site Notices

Proof of Site Notice



Site Notice 1 affixed at the border of the subject property adjacent to the road



Site Notice 1 affixed at the border of the subject property adjacent to the road

Proof of Site Notice



Site Notice 1 affixed at the border of the subject property adjacent to the road



Site Notice 2 affixed at the border of the subject property adjacent to the road

Proof of Site Notice

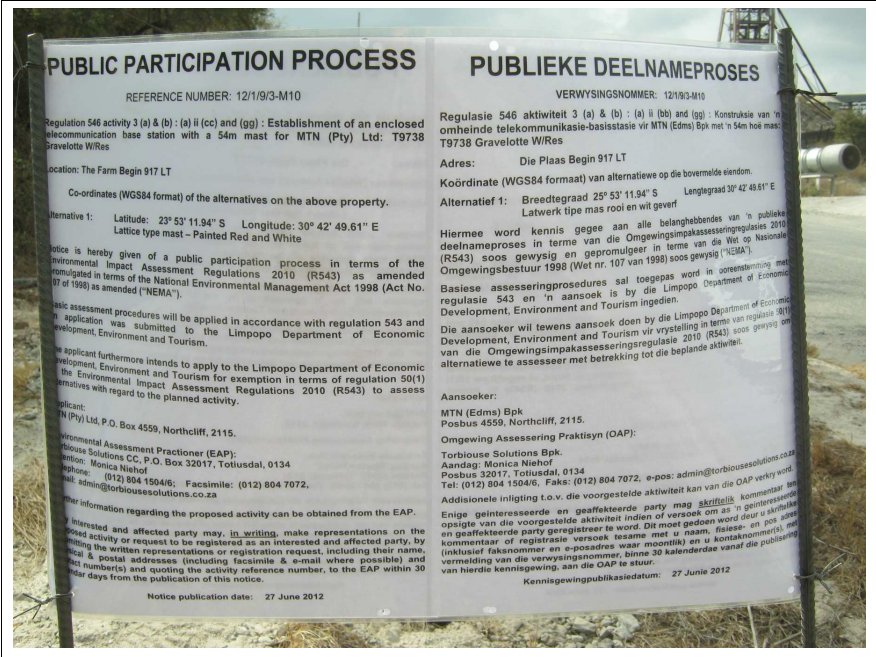


Site Notice 2 affixed at the border of the subject property adjacent to the road



Site Notice 2 affixed at the border of the subject property adjacent to the road

Proof of Site Notice



Site Notice 3 affixed at the mine



Site Notice 3 affixed at the mine

Proof of Site Notice



Site Notice 3 affixed at the mine

Appendix G2 – Proof of Written Notices

Our Reference
T9738 / 12/1/9/3 – M10

27 June 2012

The Municipal Manager
Ba- Phalaborwa Local Municipality
Private Bag x01020
Phalaborwa
1390



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

Attention: Mr H Malatji

Environmental Management Section

Facsimile: 015 – 781 0726

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) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON THE FARM BEGIN 917 LT

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:

TX Result Report

P 1
 25/06/2012 10:45
 Serial No. A02E041005518
 TC: 954229

Destination	Start Time	Time	Prints	Result	Note
0157810726	06-25 10:43	00:02:34	010/010	OK	

Note TMR: 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,
 RLV: 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
 T9738 / 12/1/9/3 – M10

27 June 2012

The Municipal Manager
 Be- Phalaborwa Local Municipality
 Private Bag x01020
 Phalaborwa
 1380

Attention: Mr H Malejli

Environmental Management Section

Facsimile: 015 – 781 0726



Reg. No. 2001/080636/23
 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

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Kind Regards,

MONICA NIEHOF
 MONICA NIEHOF
 For: Torbious Solutions cc

Comments:

Our Reference:
T9738 / 12/1/9/3-M10

Your Reference:



27 June 2012

The Ward Councillor
Ba-Phalaborwa Local Municipality
Private Bag X01020
Phalaborwa
1390

Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road
Silvertondale, 0184
Pretoria

Attention: P G Mabilo
Councillor: Ward 10

Tel: (012) 804 1504/ 6

Fax: (012) 804 7072

e-mail: admin@torbiousolutions.co.za

Facsimile: 015 – 781 0726

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) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON THE FARM BEGIN 917 LT.

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,

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

Monice Niehof
For: Torbious Solutions cc

Comments:

Destination	Start Time	Time	Prints	Result	Note
0157810726	06-25 10:45	00:02:34	010/010	OK	

Note TX: 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, MBR: 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:
 T9738 / 12/1/9/3-M10

Your Reference:

27 June 2012



The Ward Councillor
 Ba-Phalaborwa Local Municipality
 Private Bag X01020
 Phalaborwa
 1390

Reg. No. 2001/060835/23
 PO Box 32017, Totiusdal, 0134

414 Rustic Road
 Silvertondale, 0184
 Pretoria

Attention: P G Mablio
 Councillor: Ward 10

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

Facsimile: 015 – 781 0726

e-mail: admin@torbiouseolutions.co.za

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

Kind Regards,

Monica Nleshof
 For: Torblouse Solutions cc

Comments:

Our Reference
T9738 / 12/1/9/3-M10

27 June 2012

The Municipal Manager
Mopani District Municipality
Private Bag X 9687
Giyani
0826

Attention: Tim Maake

Environmental Management Section

Facsimile: 015 812 4302



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

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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:

Destination	Start Time	Time	Prints	Result	Note
0158124301	06-29 08:27	00:03:24	010/010	OK	

Note TMR: 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, MBR: 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,
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Our Reference
 T9738 / 12/1/9/3-M10

27 June 2012

The Municipal Manager
 Mopani District Municipality
 Private Bag X 9667
 Giyani
 0826

Attention: Tim Maake

Environmental Management Section

Facsimile: 015 812 4302



Reg. No. 2001/080535/23

PO Box 32017, Tlohasdal, 0134

414 Rustic Road
 Silvertondale, 0184
 Pretoria

Tel: (012) 804 1504/5

Fax: (012) 804 7072

e-mail: admin@torbiousesolutions.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) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON THE FARM BEGIN 917 LT

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

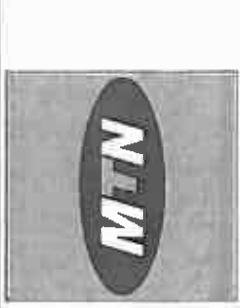
We request you to evaluate the attached information on the proposed project and provide us with your written comments and/or inputs, if any, by faxing or e-mailing such within 30 days from the date of this notification. It will be assumed that you do not have any comments on the Environmental Application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

Comments:



1007 Persada Street
 Block 8, Hardsfields Corporate
 Westley, 0883
 Tel: +27 (0) 343 2900
 Fax: +27 (0) 343 0200
 Private Bag 215
 Maitland Park

SITE NAME
 GRAVELOTTE WIRES

PROJECT NUMBER
 T9738

REV	DATE	BY	DESCRIPTION
A	22/06/2012	JS	FIRST ISSUE

NOTES:
 PLOT WARREN PLOKE (PTY) LTD

PROPERTY DESCRIPTION
 STRICTLY COMPANY CONFIDENTIAL
 THE FARM BEGIN 917 LT

COORDINATES:
 LAT: 23° 53' 11.84" S
 LONG: 30° 42' 49.61" E

PROJECT
 NEW 10x10m TELECOMMUNICATION BASESTATION
 WITH A 54m 4-LEGGED LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
 THE FT.
 TOWARDS PHALABORWA ON THE LEFT HAND SIDE.
 LIMPOPO



414 Bule Road
 Shearwater
 Durban
 Tel: +27 (0) 31 15049
 Fax: +27 (0) 31 1072
 Email: acm@ipsinfra.com
 P.O. Box 12017
 Tlokeleng
 0154

PROJECT NUMBER
 123305

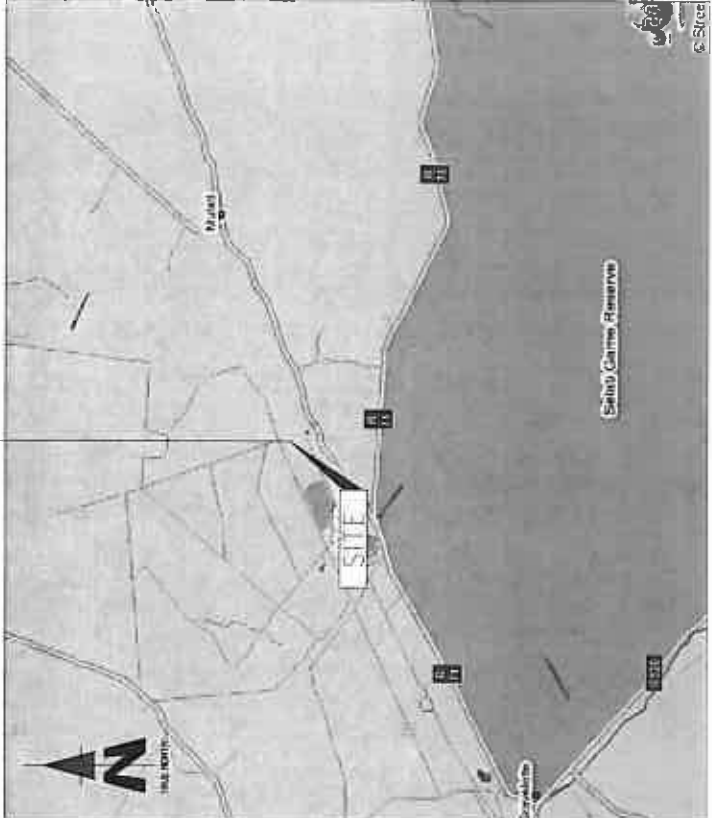
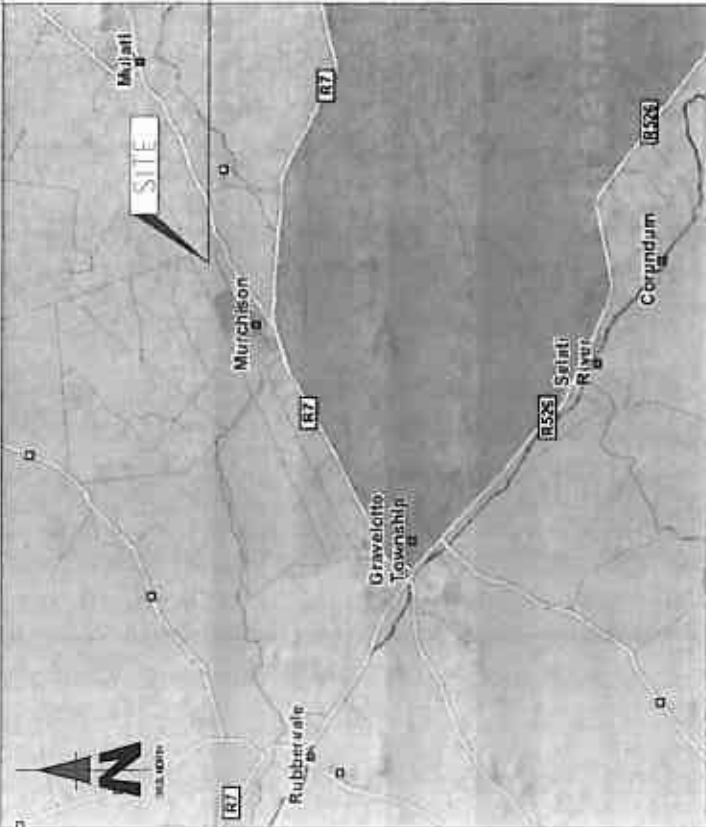
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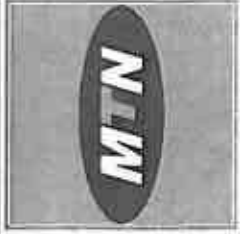
SCALE
 1:5000 (1:5000) (1:5000) (1:5000)

SCALE
 1:5000 (1:5000) (1:5000) (1:5000)

LOCALITY MAP
 SHEET 1 OF 9

T9738
GRAVELOTTE WIRES





1287 Commerce Street
 Stock B, Indianapolis, Indiana 46203
 Phone: 317.444.7000
 Fax: 317.444.7000
 Website: www.mtn.com

GRAVELLOTTE WIRES

BASE STATEMENT: 19738

REV	DATE	BY	DESCRIPTION
A	22/06/2012	JS	FIRST ISSUE

NOTES:
 NET WARREN PLASE (PTY) LTD

STRICTLY COMPANY CONFIDENTIAL
 PROPERTY DESCRIPTION:
 THE FARM BEGIN 917 LT

COORDINATES:
 LAT: 23° 53' 11.84" S
 LONG: 38° 42' 49.81" E

PROJECT:
 NEW 10x10m TELECOMMUNICATION BASESTATION
 WITH A 5m x 4EGGED LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
 OFFICE B71,
 TOMBAROS PHALABORWA ON THE LEFT HAND SIDE,
 LIMPPOPO



414 Pacific Road
 Johannesburg
 P.O. Box 12017
 Johannesburg
 2001

PROJECT NUMBER:
 123025

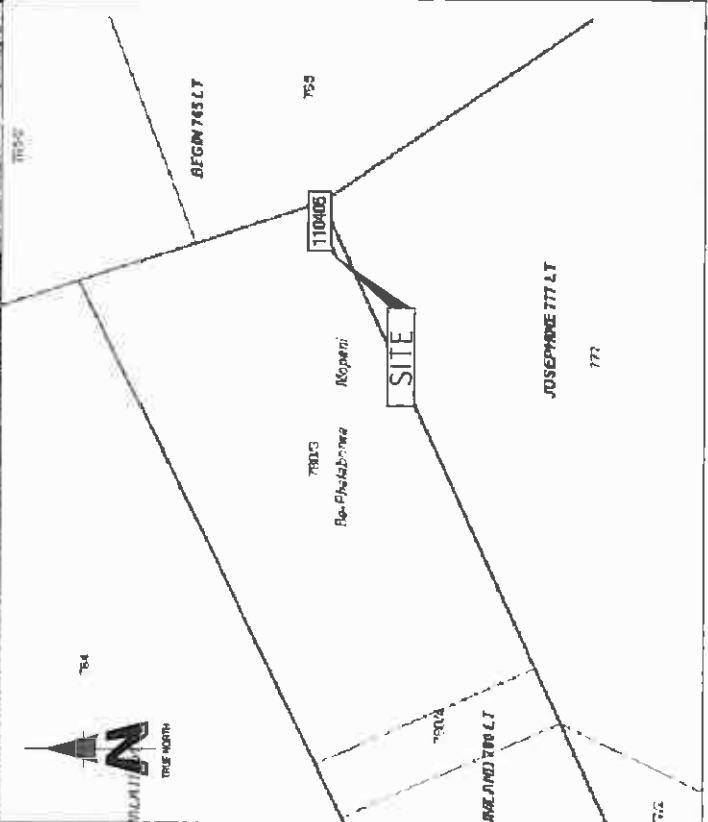
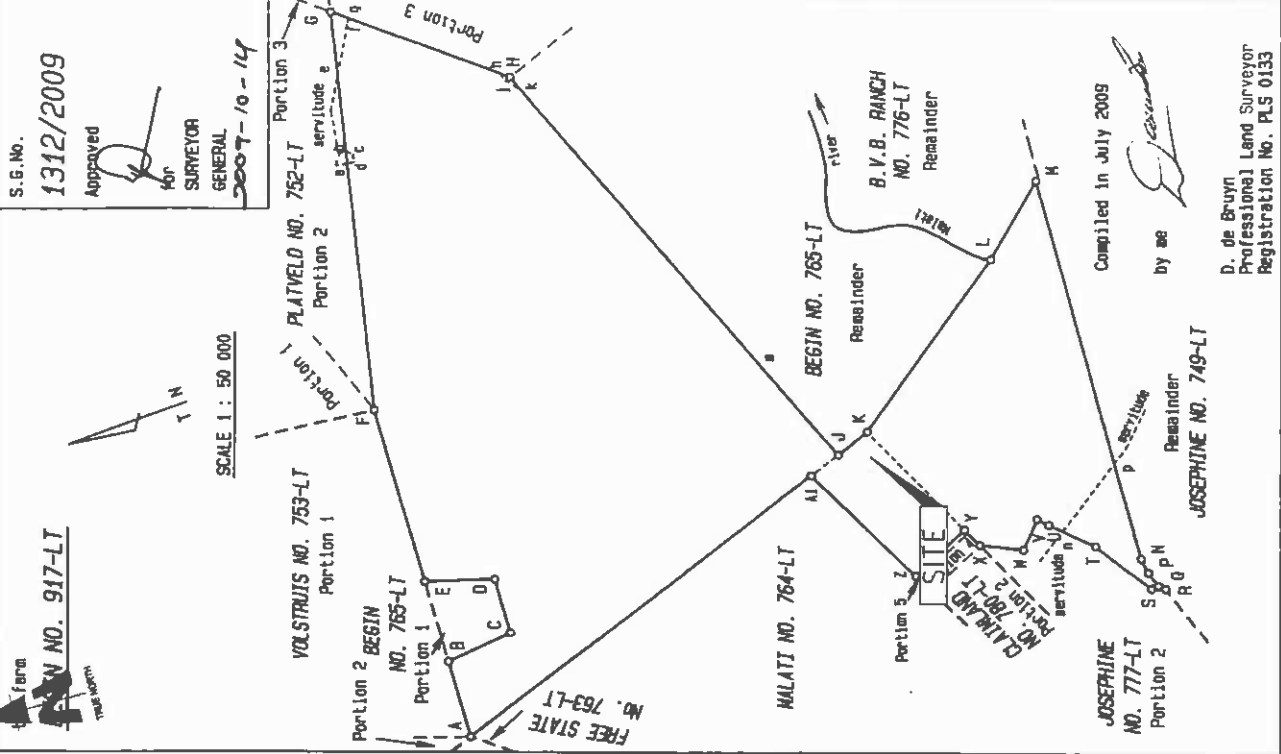
DRAWINGS MUST NOT BE SCALED. ONLY FIELD DIMENSIONS TO BE
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT
 OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO MTR 015 SITE
 INVESTIGATION REPORT (MTR 015)
 ISSUE: REVISION ONE (NUMBER 001)

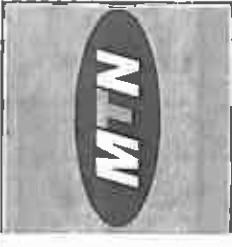
DRAWN: JANINE STEYN
 DATE: 28/04/2012
 REF. NO: 811/78738

CADASTRAL INFO
 SHEET 2 OF 9

OFFICE COPY

Sheet 2 of 2 sheets





1277 Pampas St, Strand
 Block B, Madlinda Complex
 Houtbaek, 2001
 Tel: +27 (0) 21 543 2000
 Fax: +27 (0) 21 543 2000
 Strand@mts.co.za
 www.mts.co.za

SITE NAME
 GRAVELOTTE WIRES

BASE STATION NUMBER
 T9738

REV	DATE	BY	DESCRIPTION
A	22/06/2012	JS	FIRST ISSUE

NOTES
 PELTY WAREHOUSE (PTY) LTD

STRICTLY COMPANY CONFIDENTIAL
 PROPERTY DESCRIPTION
 THE FARM BEGIN 917 LT

COORDINATES
 LAT: 23° 53' 11.94" S
 LONG: 30° 42' 49.61" E

PROJECT
 NEW 10x10m TELECOMMUNICATION BASESTATION
 WITH A 5m 4-LEGGED LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
 OFF THE R71,
 1.5KM FROM PHALABORWA ON THE LEFT HAND SIDE,
 LIMPOPO



444 Rusk Road
 Midrand
 1709
 Tel: +27 (0) 800 150048
 Fax: +27 (0) 800 7072
 info@infrastructure.co.za

P.O. Box 12017
 Midrand
 20134

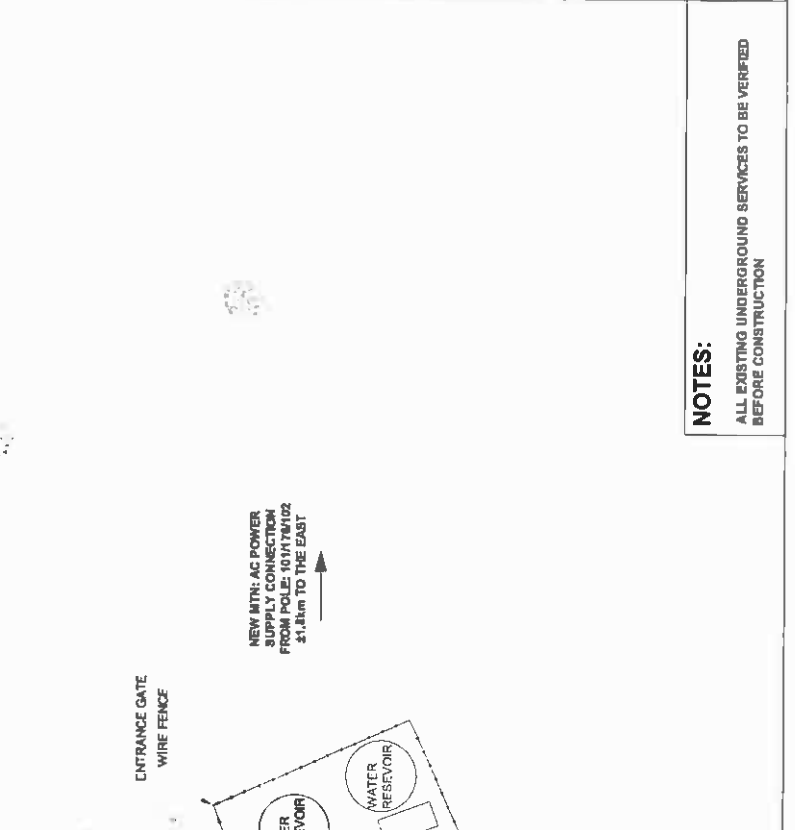
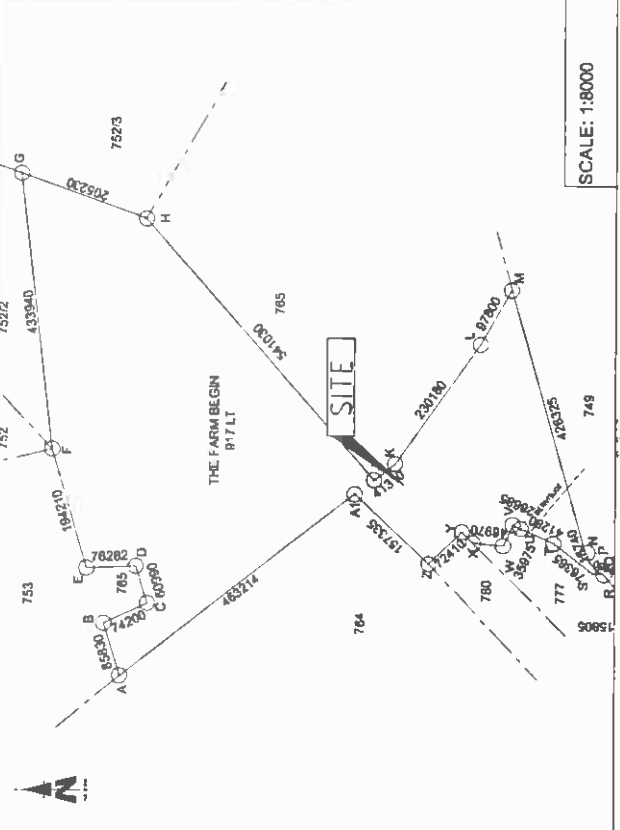
RFQ NO.
 157599

PROJECT NUMBER
 123005

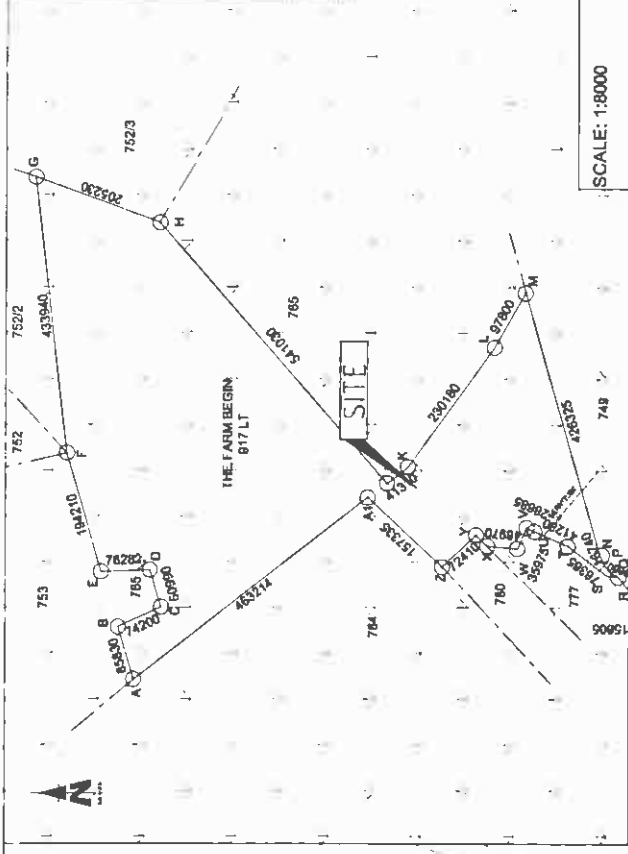
DRAWN: JANINE STEYN
DATE: 29/04/2012
SCALE: 1:8000

REF. NO.: 81179738

SITE DEVELOPMENT PLAN
 SHEET 3 OF 9



NOTES:
 ALL EXISTING UNDERGROUND SERVICES TO BE VERIFIED BEFORE CONSTRUCTION



THE FARM BEGIN
917 LT

ENTRANCE GATE
WIRE FENCE

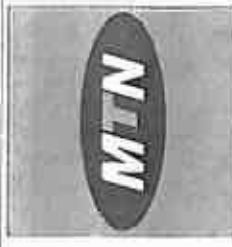


NEW MTN: 10x10m
TELECOMMUNICATION
BASESTATION WITH A 54m
4-LEGGED LATTICE MAST
(PAINTED RED AND WHITE)
NEW MTN: AC POWER
SUPPLY ROUTE TO BE
CONFIRMED

NEW MTN: AC POWER
SUPPLY CONNECTION
FROM POLE: 10171M102
\$1.81m TO THE EAST

LEGEND:
AGRICULTURAL

NOTES:
ALL EXISTING UNDERGROUND SERVICES TO BE VERIFIED BEFORE CONSTRUCTION



1207 Pinnacle Street
Black B, Tempe, AZ 85281
Head Office
Tel: +27 (0) 10 2000
Fax: +27 (0) 10 2000
Mobile: 082 100 0000

GRAVELOTTE WIRES
BASE STATION NUMBER: T9738

REV	DATE	BY	DESCRIPTION
A	22/06/2012	JS	FIRST ISSUE

NOTES:
PLOT WARREN PLACE (PTY) LTD

STRICTLY COMPANY CONFIDENTIAL
PROPERTY DESCRIPTION:
THE FARM BEGIN 817 LT

COORDINATES
LAT: 23° 37' 11.94" S
LONG: 30° 42' 49.81" E

PROJECT
NEW 10x10m TELECOMMUNICATION BASESTATION
WITH A 54m 4-LEGGED LATTICE MAST FOR MTN (PTY) LTD
OFF THE 817,
TOWARDS PHALABORWA ON THE LEFT HAND SIDE.
ADDRESS:
LIMPOPO



414 Pinnacle Road
Midrand
Tel: +27 (0) 10 15044
Fax: +27 (0) 10 7072
info@infrastructure.co.za

P.O. Box 32017
Toll-free
011 400 0000

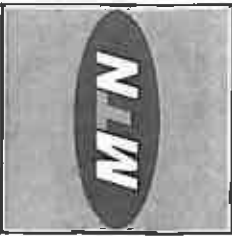
PROJECT NUMBER
123005

DRAWN: JANINE STEYN
DATE: 28/06/2012
SCALE: 1:800

REF. NO: 81179738

CURRENT LAND USE
SHEET 4 OF 9

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 BTE SITE INSTALLATION MANUAL (REV. 001)



130V Prepaid Meter
Block B Mopani Compound
Harare 0833

Tel: +27 (12) 342 2300
Fax: +27 (12) 342 2300

Prepaid Sales Unit
Private Bag 110
Harare Park

SITE NAME: GRAVELOTTIE WIRES

BASE STATION NUMBER: T9738

REV	DATE	BY	DESCRIPTION
A	22/06/2012	JS	FIRST ISSUE

NOTES:
NET WIREMENT (PTY) LTD

PROPERTY DESCRIPTION:
STRICTLY COMPANY CONFIDENTIAL
THE FARM BEGIN 817 LT

COORDINATES:
LAT: 23° 57' 11.94" S
LONG: 30° 42' 49.81" E

PROJECT:
NEW 10m TETRA TELECOMMUNICATION BASESTATION
WITH A 5MM 4-LEGGED LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
OFF THE RT1
TOWARDS PHALABORWA ON THE LEFT HAND SIDE.
LIMPOPO



414 Roubid Road
Blenheimdale
0104

Tel: +27 (12) 804 19048
Fax: +27 (12) 804 7072
info@ipsplanning.co.za

P.O. Box 32017
Tlokweng
0101

RFO NO.: 157893

PROJECT NUMBER: 123825

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 ITR 875 SITE SPECIFICATIONS (REVISED FEBRUARY 2007)

ISSUE 1 (REVISION NOVEMBER 2007)

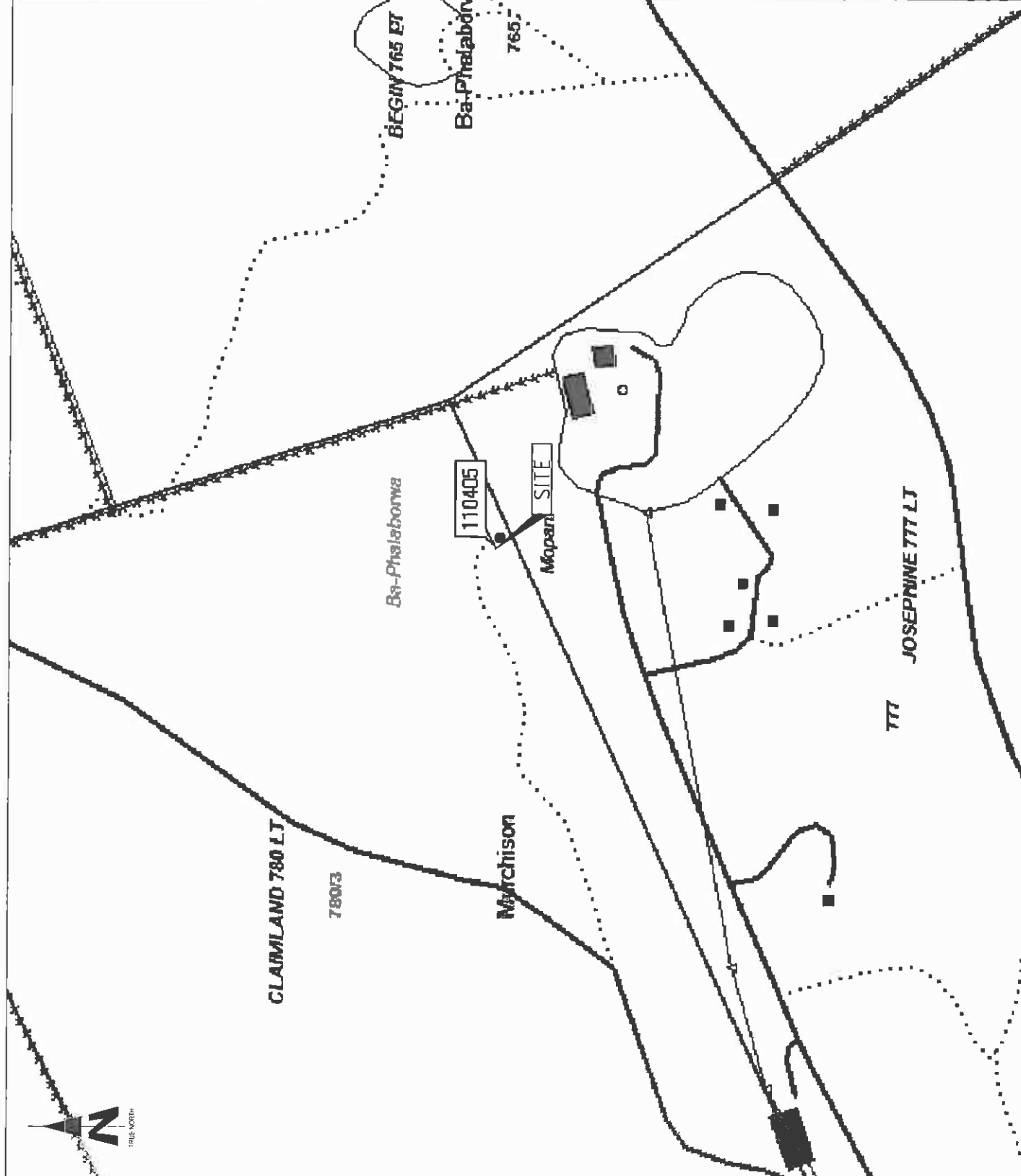
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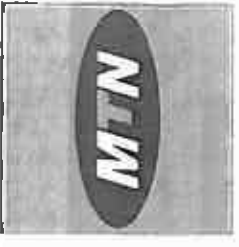
DATE: 26/04/2012

SCALE: NTS

REF. NO.: 811/78738

CONTOUR INTERVAL: SHEET 5 OF 9





138° Overseas Wire
 Street & Interchange Complex
 Harare (ZIM)
 Tel: +27 (0) 242 3000
 Fax: +27 (0) 242 0200
 Private Bag 315
 Midrand, Pretoria

SITE NAME:
 GRAVELOITE WIRES

BASE STATION NUMBER:
 T9738

REV	DATE	BY	DESCRIPTION
A	22/06/2012	JS	FIRST ISSUE

NOTES:
 PELT WARREN PHASE (PTW) LTD

PROPERTY DESCRIPTION:
 STRICTLY COMPANY CONFIDENTIAL
 THE FARM BEGIN 917 LT

COORDINATES:
 LAT: 23° 53' 11.94" S
 LONG: 30° 42' 49.81" E

PROJECT:
 NEW 10x10m TELECOMMUNICATION BASESTATION
 WITH A 3m 4-LEGGED LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
 OFFICE 871,
 TOLAMUS PHALABORWA ON THE LEFT HAND SIDE,
 LIMPOPO

INFRASTRUCTURE PLANNING SERVICES

414 Quaka Road
 Germiston
 G.P.A.
 Tel: +27 (0) 201 15046
 Fax: +27 (0) 201 7072
 info@ips.co.za

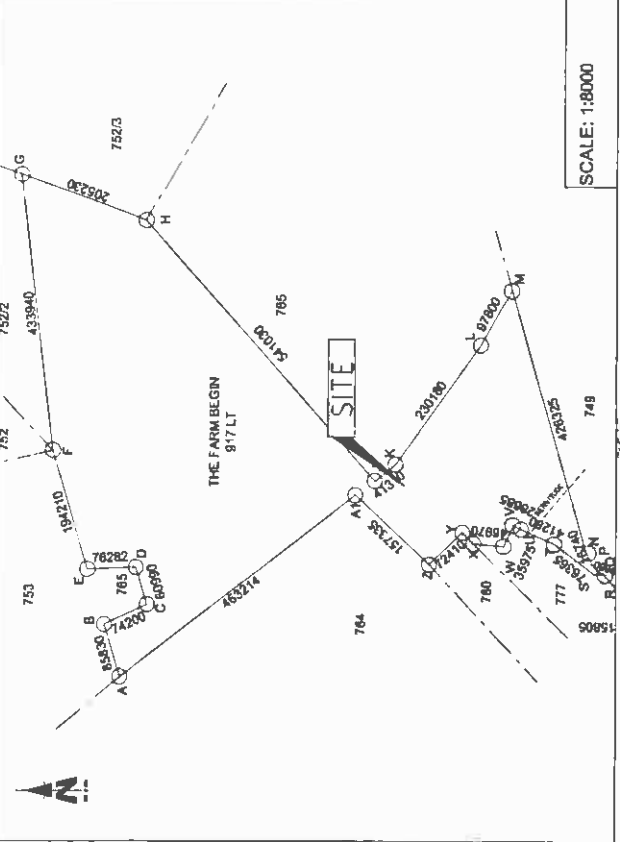
P.O. Box 20017
 Johannesburg
 2013

RFO NO: 157993
 PROJECT NUMBER: 123825

DRAWN: JANINE STEYN
DATE: 28/04/2012
SCALE: 1:800
REF. NO.: 811/19738

NOTES:
 DRAWINGS MUST NOT BE RECALLED. ONLY PERMITTED REVISIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE. BEFORE COMMENCEMENT OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO MTN'S SITE INFRASTRUCTURE SPECIFICATION (SIT-IP-001) ISSUE 1.1 (VERSION ENHANCED 06/2007)

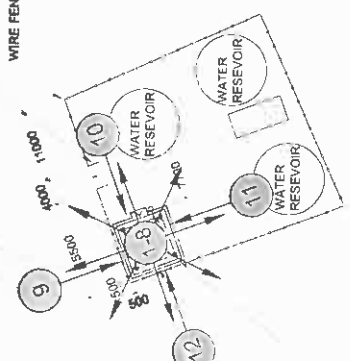
SITE PHOTOGRAPHS
 SHEET 6 OF 9



SCALE: 1:8000

THE FARM BEGIN
917 LT

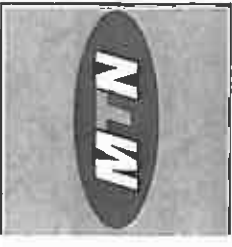
ENTRANCE GATE
WIRE FENCE



NEW MTN: AC POWER
SUPPLY CONNECTION
FROM POLE: 10/11/7M/102
\$1.8km TO THE EAST

NEW MTN: 10x10m TELECOMMUNICATION BASESTATION WITH A 3m 4-LEGGED LATTICE MAST (PAINTED RED AND WHITE)
NEW MTN: AC POWER SUPPLY ROUTE TO BE CONFIRMED

NOTES:
 ALL EXISTING UNDERGROUND SERVICES TO BE VERIFIED BEFORE CONSTRUCTION



1387 Pinesdale Street
Blackburn, Victoria 3113
Head Office (03) 9510 1000
Tel: +27 (0) 21 942 2000
Fax: +27 (0) 21 942 0206
Pinesdale Suburb SA
Private Bag 3115
Lindley Park

SITE NAME: GRAVELOTTIE WIRES

BASE STATION NUMBER: T9738

REV	DATE	BY	DESCRIPTION
A	22/06/2012	JS	FIRST ISSUE

NOTES:
P6TYWARREN PLASK (PT) LTD

STRICTLY COMPANY CONFIDENTIAL
THE FARM BEGIN 917 LT

COORDINATES:
LAT: 23° 53' 11.94" S
LONG: 30° 42' 49.81" E

PROJECT:
NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 5m 4-LEGGED LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
OFFICE: 1387 PINESDALE STREET, BLACKBURN, VICTORIA 3113
TOWARDS PHALABORWA ON THE LEFT HAND SIDE.
LIMPOPO

INFRASTRUCTURE PLANNING SERVICES

414 Riebeeck Road
Stellenbosch
7134
Tel: +27 (0) 21 942 2000
Fax: +27 (0) 21 942 0206
info@ipsinfra.com

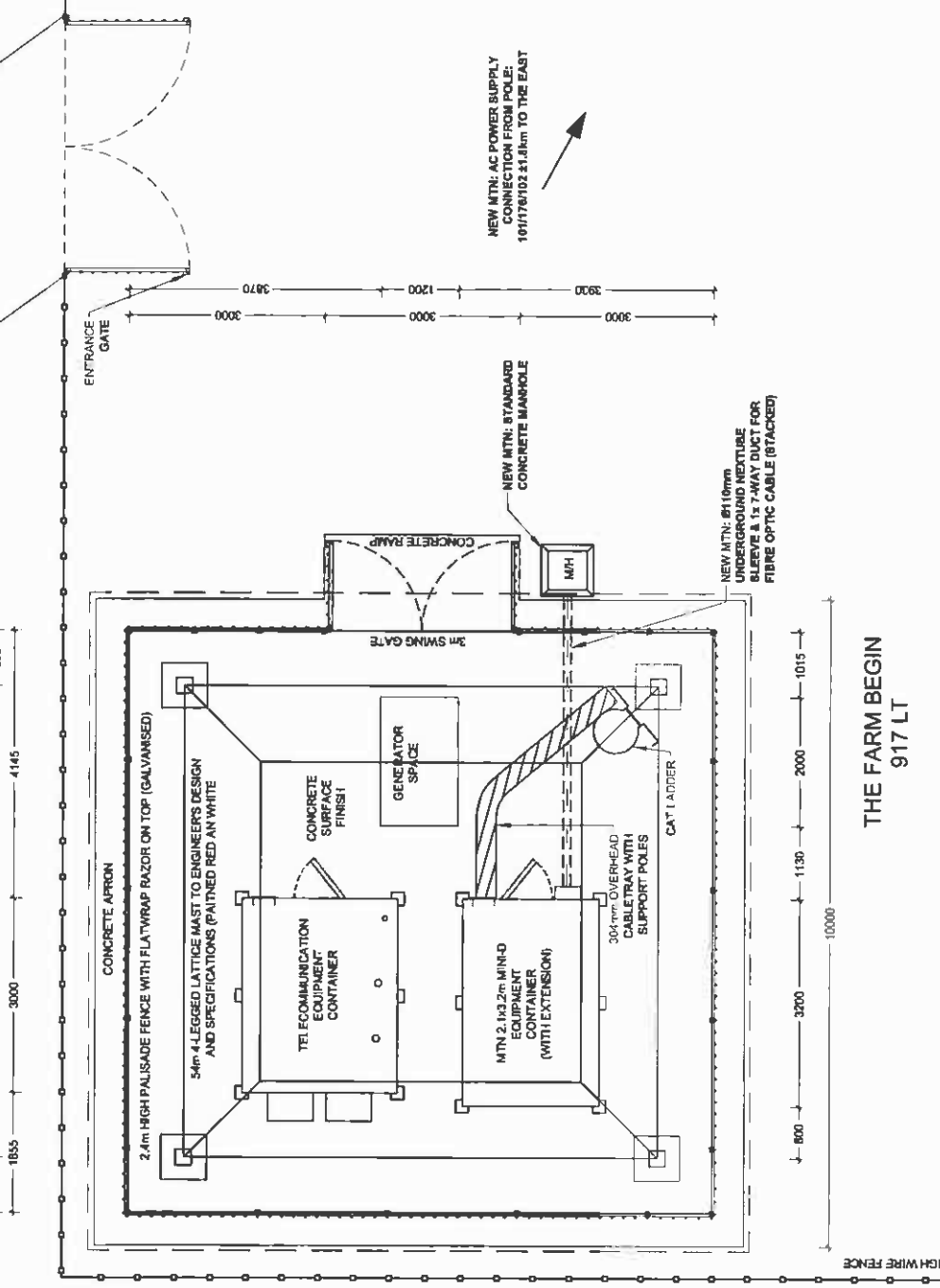
P.O. Box 32017
Vereeniging
0194

PROJECT NUMBER: 123825

RFQ NO.: 157693

DRAWN: JANINE STEYN
DATE: 29/04/2012
SCALE: 1:75
REF. NO.: 811/79738

SITE DETAIL
SHEET 7 OF 9

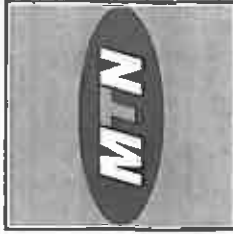
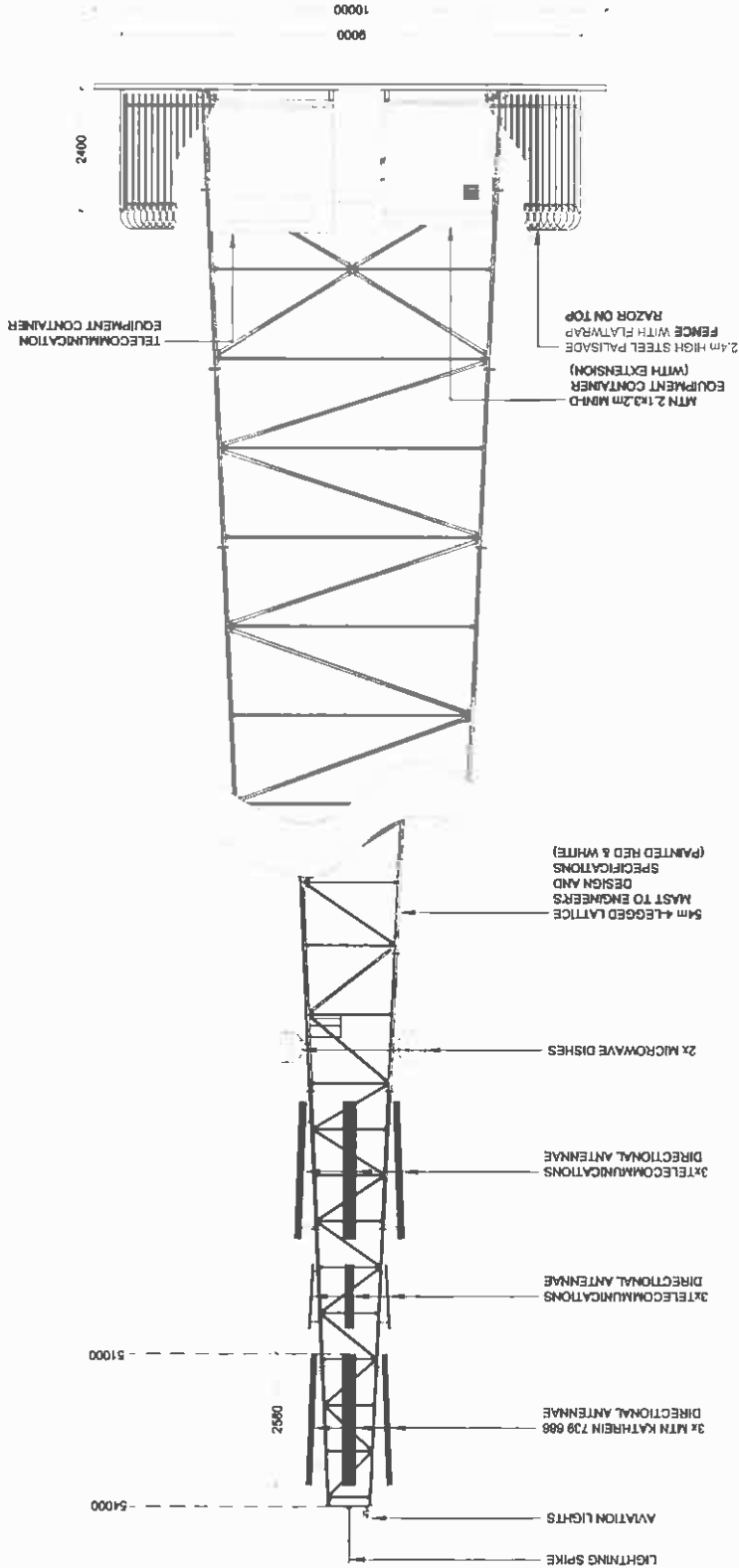


- NOTES:**
1. ALL EXISTING UNDERGROUND SERVICES TO BE VERIFIED BEFORE CONSTRUCTION
 2. AC POWER SUPPLY ROUTE AND POINT TO BE CONFIRMED ON RFB SURVEY (POSSIBLY POLE : 101176 /102 21.8km)



MTN ANTENNAE KEY

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH. TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	KATHREIN 739 886	51			7/8"	± 56
2	120°	KATHREIN 739 886	51			7/8"	± 56
3	240°	KATHREIN 739 886	51			7/8"	± 56



1287 Pinesdale Street
Block B, Mitchells Compound
Aerodrome, 0601

Tel: +27 (0) 342 2800
Fax: +27 (0) 343 9288

Project Scale: A8
Project: 811/19738
Merrivale Park

SITE NAME:

GRAVELOTTE WIRES

BASE STATION NUMBER: T9738

REV	DATE	BY	DESCRIPTION
A	22/06/2012	JS	FIRST ISSUE

NOTES:
NET WARREN PLASE (PTY) LTD

STRICTLY COMPANY CONFIDENTIAL
PROPERTY DESCRIPTION:
THE FARM BEGIN 817 LT

COORDINATES:
LAT: 23° 53' 11.94" S
LONG: 30° 42' 48.61" E

PROJECT:
NEW 10x10m TELECOMMUNICATION BASICSTATION
WITH A 5m 4-LEGGED LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
OFF THE B71
TOWARDS PHALABORWA ON THE LEFT HAND SIDE,
LIMPOPO



44 Pinesdale Road
Blydenburg
0731

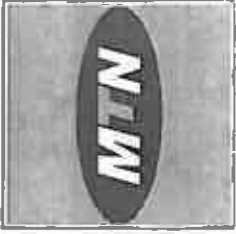
Tel: +27 (0) 804 19049
Fax: +27 (0) 804 7072
info@ipsplan.co.za

P.O. Box 32017
Tollfree
0134

PROJECT NUMBER:
123025

DRAWN: JANINE STEYN
SCALE: 1:100

DATE: 28/04/2012
REF. NO: 811/19738



157 Pheasant Street
 Black B Macquarie Centre
 Macquarie NSW 2109
 Tel: +27 120 842 3000
 Fax: +27 120 842 3008
 Private Suite 416
 Private Bag 413
 Macquarie Park

SITE NAME:

GRAVELOTTE WIRES

BASE STATION NUMBER: **T9738**

REV	DATE	BY	DESCRIPTION
A	22/06/2012	JS	FIRST ISSUE

NOTES:
 RET WARREN/PLASE (PTT)/LTD

STRICTLY COMPANY CONFIDENTIAL
 PROPERTY DESCRIPTION:
 THE FARM BEGIN 917 LT

COORDINATES:
 LAT: 23° 53' 11.04" S
 LONG: 30° 42' 49.81" E

PROJECT:
 NEW 10x10m TELECOMMUNICATION BASESTATION
 WITH A 6m 4-LEGGED LATTICE MAST FOR MTN (PTT)/LTD

ADDRESS:
 OFFICE B71
 YOKHAROS PHALABORWA ON THE LEFT HAND SIDE.
 LIMPOPO



414 Pacific Road
 Shepparton
 VIC 3630
 Tel: +27 120 844 15048
 Fax: +27 120 844 7072
 info@ipsplan.co.za

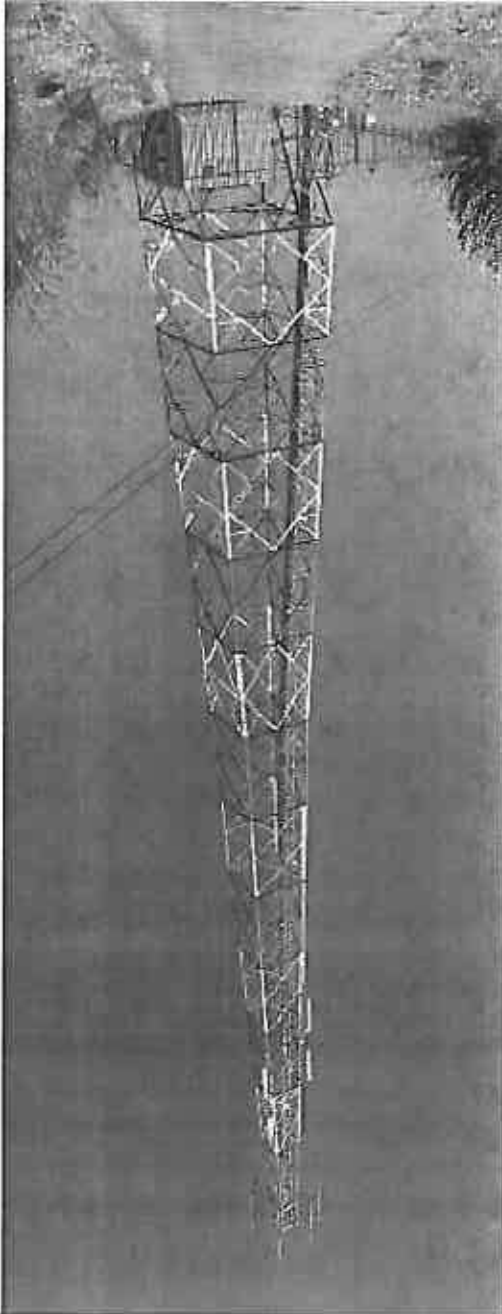
P.O. Box 12017
 Johannesburg
 2001
 R.F.O. NO.:
 1575893

PROJECT NUMBER:
 123825

DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED BEFORE COMMENCEMENT OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO MTN B15 SITE INFRASTRUCTURE SPECIFICATION B011/011
 ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: JANINE STEYN
 DATE: 26/04/2012
 REF. NO: 81178738

SCALE/KEYS
 FACILITY ILLUSTRATION
 SHEET 9 OF 9



TYPICAL 4-LEGGED LATTICE MAST
 (PAINTED RED & WHITE)

REGISTERED LETTER
GEREGISTREERDE BRIEF T9738



(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan

South African Heritage
Resource Agency.
PO Box 4637.
Cape Town.

Postcode
Postkode
8000

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 binnekantse geregistreerde briewe van toepassing.

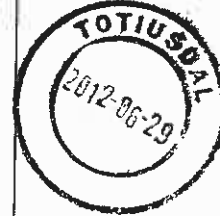
Postage paid R _____ c
Service fee / Diensgeld R _____ c
Insurance / Versekering R _____ c
Total / Totaal R _____ c

Insured value of contents
Versekerde waarde van inhoud R _____ c

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

Initial of
accepting
officer

Date Stamp



Affix Track and Trace

REGISTERED LETTER
(with a domestic insurance option)
ShareCall 0860 111 502 www.sapo.co.za
RD 538 901 422 ZA

Paraaf van
aaneem-
beampte

CUSTOMER COPY 301028R

Datumslempel

Lebone Litho Printers 011 483 7921 701281

Our Reference:
T9738 / 12/1/9/3-M10

Your Reference:

27 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@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) and (gg) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON THE FARM BEGIN 917 LT

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Limpopo Department of Economic Development, Environment and Tourism Affairs to establish a telecommunication base station on **The farm Begin 971 LT**.

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

Monica Niehof
For: Torbious Solutions CC

PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 12/1/9/3-M10

Regulation 546 activity 3 (a) & (b): (a) ii (bb) and (gg): Establishment of a 54m telecommunication mast with base station for MTN (Pty) Ltd: **T9738 Gravelotte W/Res**

Location: **The Farm Begin 917 LT**

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

**Alternative 1: Latitude: 23° 53' 11.94"S Longitude: 30° 42' 49.61" 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 was submitted to the Limpopo Department of Economic Development, Environment and Tourism.

The Applicant Furthermore intends to apply to the Limpopo 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):

Torbiose Solutions CC, P.O. Box 32017, Totiusdal, 0134
Attention: Monica Niehof
Telephone: (012) 804 1504/6; Facsimile: (012) 804 7072
e-mail: admin@torbiousolutions.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: **27 June 2012**

PUBLIEKE DEELNAMEPROSES

VERWYSINGSNOMMER: 12/1/9/3-M10

Regulasie 546 aktiwiteit 3 (a) & (b): (a) ii (bb) and (gg): Konstruksie van 'n 54m hoë telekommunikasie mas en basis-stasie vir MTN (Edms) Bpk **T9738 Gravelotte W/Res**

Adres: **Die Plaas Begin 917 LT**

Koördinate (WGS84 formaat) van alternatiewe op die bovermelde eiendom.

**Alternatief 1: Breedtegraad: 23° 53' 11.94"S Lengtegraad: 30° 42' 49.61" O
Latwerk tipe mas – Rooi en Wit geverf**

Hiermee word kennis gegee aan alle belanghebbendes van 'n publieke deelname proses in terme van die Omgewingsimpakassesseringregulasies 2010 (R543) soos gewysig en gepromulgeer in terme van die Wet op Nasionale Omgewingsbestuur 1998 (Wet nr. 107 van 1998) soos gewysig ("NEMA"). Basiese assesseringprosedures sal toegepas word in ooreenstemming met regulasie 543 en 'n aansoek is by die Limpopo Department of Economic Development, Environment and Tourism ingedien.

Die aansoeker wil tewens aansoek doen by die Limpopo Department of Economic Development, Environment and Tourism vir vrystelling in terme van regulasie 50(1) van die Omgewingsimpakassesseringregulasie 2010 (R543) soos gewysig om alternatiewe te assesser met betrekking tot die beplande aktiwiteit.

Aansoeker:

MTN (Edms) Bpk, Posbus 4559, Northcliff, 2115

Omgewing Assessering Praktisyn (OAP):

Torbiose Solutions BK, Posbus 32017, Totiusdal, 0134
Aandag: Monica Niehof
Tel: (012) 804 1504/6, Faks: (012) 804 7072
e-pos: admin@torbiousolutions.co.za

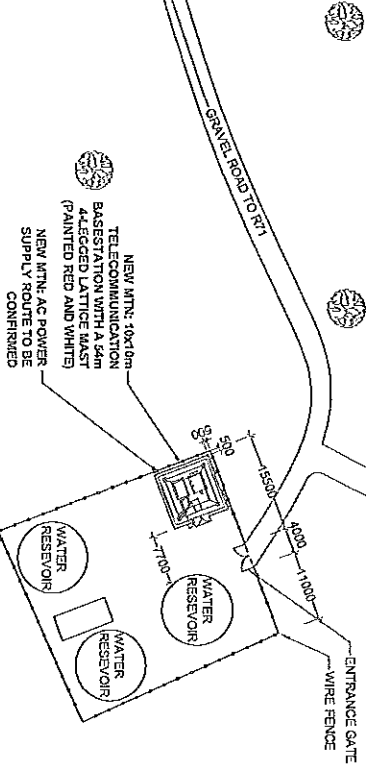
Addisionele inligting ten opsigte van die voorgestelde aktiwiteit kan van die OAP verkry word.

Enige geïnteresseerde en geaffekteerde party mag skriftelik kommentaar ten opsigte van die voorgestelde aktiwiteit indien of versoek om as 'n geïnteresseerde en geaffekteerde party geregistreer te word. Dit moet gedoen word deur u skriftelike kommentaar- of registrasieversoek tesame met u naam, fisiese- en posadres (inklusief faksnommer en e-posadres waar moontlik) en u kontaknommer(s), met vermelding van die verwysingsnommer, binne 30 kalenderdae vanaf die publisering van hierdie kennisgewing, aan die OAP te stuur.

Kennisgewingpublikasiedatum: **27 Junie 2012**

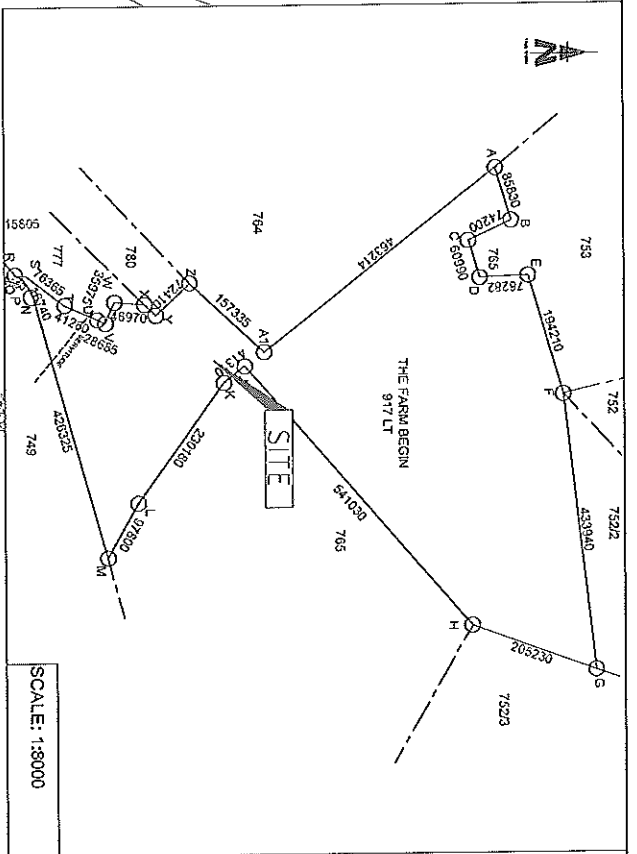


THE FARM BEGIN
917 LT



NEW MTN: 10x10m TELECOMMUNICATION BASESTATION WITH A 4LM 4-LEGGED LATTICE MAST (PAINTED RED AND WHITE)
NEW MTN: AC POWER SUPPLY ROUTE TO BE CONFIRMED

NEW MTN: AC POWER SUPPLY CONNECTION FROM POLE: 1011716/102 ±1.8km TO THE EAST



SCALE: 1:8000



1207 Pretorius Street, Tel: +27 (12) 242 2900
Boksil D, Heidelberg Complex, Private Sale 346
Heidelberg, 2003, Fax: +27 (12) 242 0200
Meadow Park

SITE NAME: GRAVELOTTE WIRES

BASE STATION NUMBER: T9738

REV	DATE	BY	DESCRIPTION
A	22/08/2012	JS	FIRST ISSUE

NOTES:
PLOT WARDEN P/JASC (P/T) LTD

STRICTLY COMPANY CONFIDENTIAL
PROPERTY DESCRIPTION:
THE FARM BEGIN 917 LT

COORDINATES:
LAT: 29° 57' 11.04" S
LONG: 30° 42' 49.87" E

PROJECT:
NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 4m 4-LEGGED LATTICE MAST FOR MTN (P/T) LTD
ADDRESS:
OFF THE R71, TOWARDS PHALABORWA ON THE LEFT HAND SIDE LIMPOPO



INFRASTRUCTURE PLANNING SERVICES

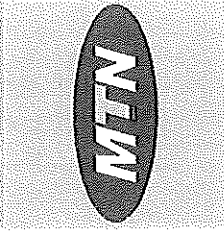
144 Roodie Road, Tel: +27 (12) 354 4594
2nd Floor, Private Office, Fax: +27 (12) 354 7072
10151, administr@ipss.co.za
0151

PROJECT NO.: 157903
PROJECT NUMBER: 122895
DRAWINGS MUST NOT BE COPIED, ONLY REQUIRED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED BEFORE CONSTRUCTION.
ALL WORK TO BE PERFORMED ACCORDING TO MTN BTG SPEC
INFRASTRUCTURE SPECIFICATION 1800/1801
ISSUE 1 REVISION 09 NOVEMBER 2007

DATE: 26/04/2012
DRAWN: JANINE STEVEN
SCALE: 1:800
REF: NO: 81179738

NOTES:
ALL EXISTING UNDERGROUND SERVICES TO BE VERIFIED BEFORE CONSTRUCTION

SITE DEVELOPMENT PLAN
SHEET 3 OF 9



1307 Pretorius Street
 Block C, Hurlingham Complex
 Hatfield, 0083

Tel: +27 (0) 12 42 2000
 Fax: +27 (0) 12 42 2000

Plainside Suite 140
 Private Bag X115
 Menlo Park

SITE NAME:

GRAVELOTTE WIRES

BASE STATION NUMBER:
T9738

REV	DATE	BY	DESCRIPTION
A	22/06/2012	JJS	FIRST ISSUE

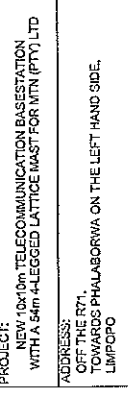
NOTES:
 PICT WARREN PLACE (PTY) LTD

STRICTLY COMPANY CONFIDENTIAL
 PROPERTY DESCRIPTION:
 THE FARM BEGIN 917 LT

COORDINATES:
 LAT: 29° 37' 51, 64" S
 LONG: 30° 42' 40,01" E

PROJECT:
 NEW 10x10m TELECOMMUNICATION BASESTATION
 WITH A 54m 4-LEGGED LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
 OFF THE RT1,
 TOWARDS PHALABORWA ON THE LEFT HAND SIDE,
 LIMPOPO



141 Glynis Road
 Sandton
 2194
 Tel: +27 (0) 11 65 15949
 Fax: +27 (0) 11 65 15949
 admin@ipss.co.za

P.O. Box 22017
 Toronto
 2124

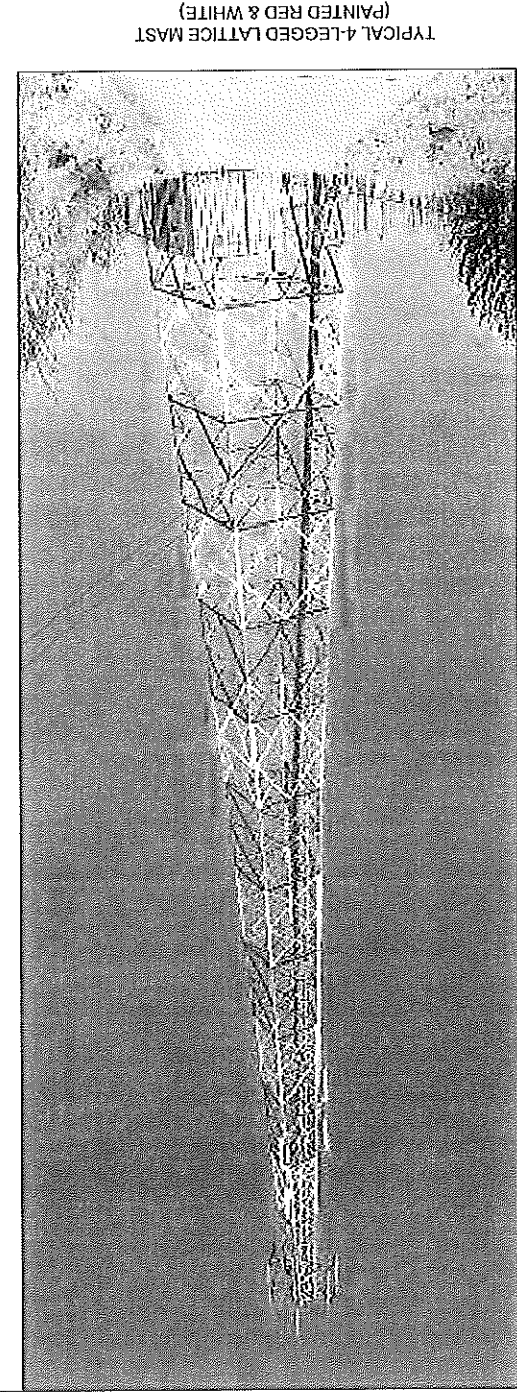
RFQ NO.:
 157933

PROJECT NUMBER:
 123825

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 BTS SITE INFRASTRUCTURE SPECIFICATION B8011001 ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: JANINE STEYN DATE: 26/04/2012
 SCALE: REF: NO: 811/79738

FACILITY ILLUSTRATION
 SHEET 9 OF 9



TYPICAL 4-LEGGED LATTICE MAST (PAINTED RED & WHITE)

Lys van GEREGISTREERDE BRIEWE
(with an insurance option/met 'n versekeringsopsie)



Post Office

Full tracking and tracing/Volledige volgtien spoor

Name and address of sender:

Naam en adres van afsender:

TORBUOSE SOLUTIONS

TEL: 012-884-1504/8

PO BOX 32017, I.O.T.I. USCAL 0134

T9738

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 REGISTERED LETTER (with a domestic insurance option) RD 538 901 396 Z.A A BOOK COPY
1	South African Heritage Resource Agency. PO Box 4637. Cape Town 8000	SAHRA				REGISTERED LETTER (with a domestic insurance option) RD 538 901 382 Z.A A BOOK COPY
2	National Government of the Republic of S.A. Private Bag x3. Braamfontein	PLN 2 Farm Josephine	171 LT			REGISTERED LETTER (with a domestic insurance option) RD 538 901 436 Z.A A BOOK COPY
3	L.E. Thom (Pty) Ltd. PO Box 962. Tzaneen. 0850.	Farm Malati.	164 LT			REGISTERED LETTER (with a domestic insurance option) RD 538 901 419 Z.A A BOOK COPY
4	Piet Warren Place (Pty) Ltd. PO Box 962. Tzaneen. 0850	PTN 4 Farm claimant.	180 LT			REGISTERED LETTER (with a domestic insurance option) RD 538 901 405 Z.A A BOOK COPY
5	Sebakwe Trust. PO Box 7745 Tzaneen 0850	REM Farm Begin	165 LT			REGISTERED LETTER (with a domestic insurance option) RD 538 901 087 Z.A A BOOK COPY
6	Piet Warren Place Pty Ltd. PO Box 962. Tzaneen 0850	owner Farm	LT 917 Lts.			
7						
8						
9						
10						

Number of letters posted
Getal briewe gepos

6

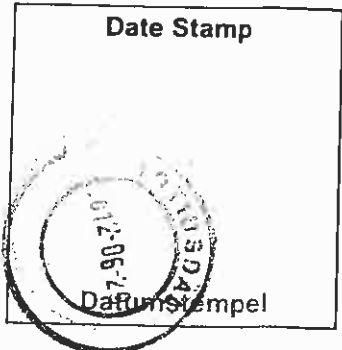
Total
Totaal

R	R	R	R
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Signature of client
Handtekening van klient

Guilliam

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:
T9738 / 12/1/9/3-M10

Your Reference:

27 June 2012

Owner Portion 2 of the farm Josephine 777LT
National Government of the Republic of
South Africa
Private Bag x3
Braamfontein
2017



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,

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) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION MAST ON THE FARM BEGIN 917 LT.

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Limpopo Department of Economic Development, Environment and Tourism Affairs to establish a telecommunication mast on **The farm Begin 971 LT.**

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,

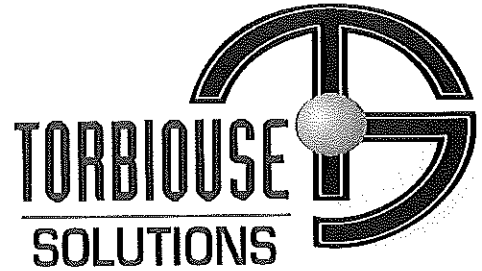
Monica Niehof
For: Torbious Solutions CC

Our Reference:
T9738 / 12/1/9/3-M10

Your Reference:

27 June 2012

Owner Portion 4 of the farm Claimland 780 LT
Piet Warren Plase Pty Ltd
P O Box 962
Tzaneen
0850



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@torbioussolutions.co.za

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Yours faithfully,


Monica Niehof
For: Torbious Solutions CC

Our Reference:
T9738 / 12/1/9/3-M10

Your Reference:

27 June 2012

Owner of Remaining Extent of the farm
Begin 765 LT
Sebakwe Trust
P O Box 7745
Tzaneen
0850



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

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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) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION MAST ON THE FARM BEGIN 917 LT

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3. Facility Illustration

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Yours faithfully,

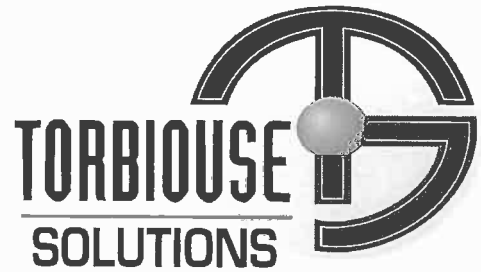
Monica Niehof
For: Torbious Solutions CC

Our Reference:
T9738 / 12/1/9/3-M10

Your Reference:

27 June 2012

Owner of the Remaining extent of Farm LT 917 LT
Piet Warren Plase (Pty) Ltd
P O Box 962
Tzaneen
0850



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/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) and (gg) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON THE FARM BEGIN 917 LT

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Limpopo Department of Economic Development, Environment and Tourism Affairs to establish a telecommunication base station on **The farm Begin 971 LT.**

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

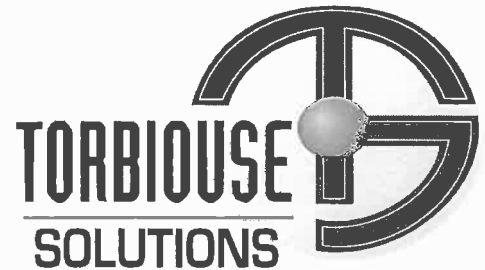
Monica Niehof
For: Torbiouse Solutions CC

Our Reference:
T9738 / 12/1/9/3-M10

Your Reference:

27 June 2012

Owner of the Farm Malati 764 LT
L E Thom (Pty) Ltd
P O Box 962
Tzaneen
0850



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/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) and (gg) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON THE FARM BEGIN 917 LT

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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

Monica Niehof
For: Torbiouse Solutions CC

PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 12/1/9/3-M10

Regulation 546 activity 3 (a) & (b): (a) ii (bb) and (gg): Establishment of a 54m telecommunication mast with base station for MTN (Pty) Ltd: **T9738 Gravelotte W/Res**

Location: **The Farm Begin 917 LT**

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

**Alternative 1: Latitude: 23° 53' 11.94"S Longitude: 30° 42' 49.61" 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 was submitted to the Limpopo Department of Economic Development, Environment and Tourism.

The Applicant Furthermore intends to apply to the Limpopo 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):

Torbiose Solutions CC, P.O. Box 32017, Totiusdal, 0134
Attention: Monica Niehof
Telephone: (012) 804 1504/6; Facsimile: (012) 804 7072
e-mail: admin@torbiousolutions.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: **27 June 2012**

PUBLIEKE DEELNAMEPROSES

VERWYSINGSNOMMER: 12/1/9/3-M10

Regulasie 546 aktiwiteit 3 (a) & (b): (a) ii (bb) and (gg): Konstruksie van 'n 54m hoë telekommunikasie mas en basis-stasie vir MTN (Edms) Bpk **T9738 Gravelotte W/Res**

Adres: **Die Plaas Begin 917 LT**

Koördinate (WGS84 formaat) van alternatiewe op die bovermelde eiendom.

**Alternatief 1: Breedtegraad: 23° 53' 11.94"S Lengtegraad: 30° 42' 49.61" O
Latwerk tipe mas – Rooi en Wit geverf**

Hiermee word kennis gegee aan alle belanghebbendes van 'n publieke deelname proses in terme van die Omgewingsimpakassesseringregulasies 2010 (R543) soos gewysig en gepromulgeer in terme van die Wet op Nasionale Omgewingsbestuur 1998 (Wet nr. 107 van 1998) soos gewysig ("NEMA"). Basiese assesseringprosedures sal toegepas word in ooreenstemming met regulasie 543 en 'n aansoek is by die Limpopo Department of Economic Development, Environment and Tourism ingedien.

Die aansoeker wil tewens aansoek doen by die Limpopo Department of Economic Development, Environment and Tourism vir vrystelling in terme van regulasie 50(1) van die Omgewingsimpakassesseringregulasie 2010 (R543) soos gewysig om alternatiewe te assesser met betrekking tot die beplande aktiwiteit.

Aansoeker:

MTN (Edms) Bpk, Posbus 4559, Northcliff, 2115

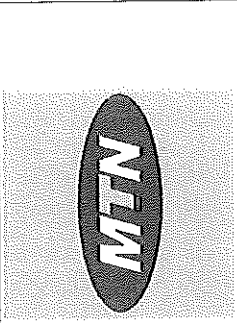
Omgewing Assessering Praktisyn (OAP):

Torbiose Solutions BK, Posbus 32017, Totiusdal, 0134
Aandag: Monica Niehof
Tel: (012) 804 1504/6, Faks: (012) 804 7072
e-pos: admin@torbiousolutions.co.za

Addisionele inligting ten opsigte van die voorgestelde aktiwiteit kan van die OAP verkry word.

Enige geïnteresseerde en geaffekteerde party mag skriftelik kommentaar ten opsigte van die voorgestelde aktiwiteit indien of versoek om as 'n geïnteresseerde en geaffekteerde party geregistreer te word. Dit moet gedoen word deur u skriftelike kommentaar- of registrasieversoek tesame met u naam, fisiese- en posadres (inklusief faksnommer en e-posadres waar moontlik) en u kontaknommer(s), met vermelding van die verwysingsnommer, binne 30 kalenderdae vanaf die publisering van hierdie kennisgewing, aan die OAP te stuur.

Kennisgewingpublikasiedatum: **27 Junie 2012**



1207 Pekaia Street,
 Dock B, Havelock Central
 Havelock, 5053
 Tel: +27 (0) 3 542 2000
 Fax: +27 (0) 3 542 0286
 Pekaia Cables Ltd
 Private Bag 215
 Havelock Park

SITE NAME: GRAVELOTT WIRES

BASE STATION NUMBER: T9738

REV	DATE	BY	DESCRIPTION
A	22/05/2012	JS	FIRST ISSUE

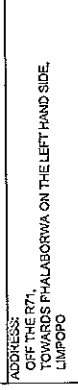
NOTES:
 PICT WARRIOR PLASC (PTY) LTD

PROPERTY DESCRIPTION:
 STRICTLY COMPANY CONFIDENTIAL
 THE FARM BEGIN 917 LT

COORDINATES:
 LAT: 29° 52' 11.04" S
 LONG: 30° 42' 49.81" E

PROJECT:
 NEW 10x10m TELECOMMUNICATION BASESTATION
 WITH A 54m 4-LEGGED LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
 OFF THE R71,
 TOWARDS PHALABORWA ON THE LEFT HAND SIDE,
 LIMPOPO



INFRASTRUCTURE PLANNING SERVICES

144 Gales Road
 Sandton
 2194
 Tel: +27 (0) 11 864 1684
 Fax: +27 (0) 11 864 7972
 admin@ipg.co.za

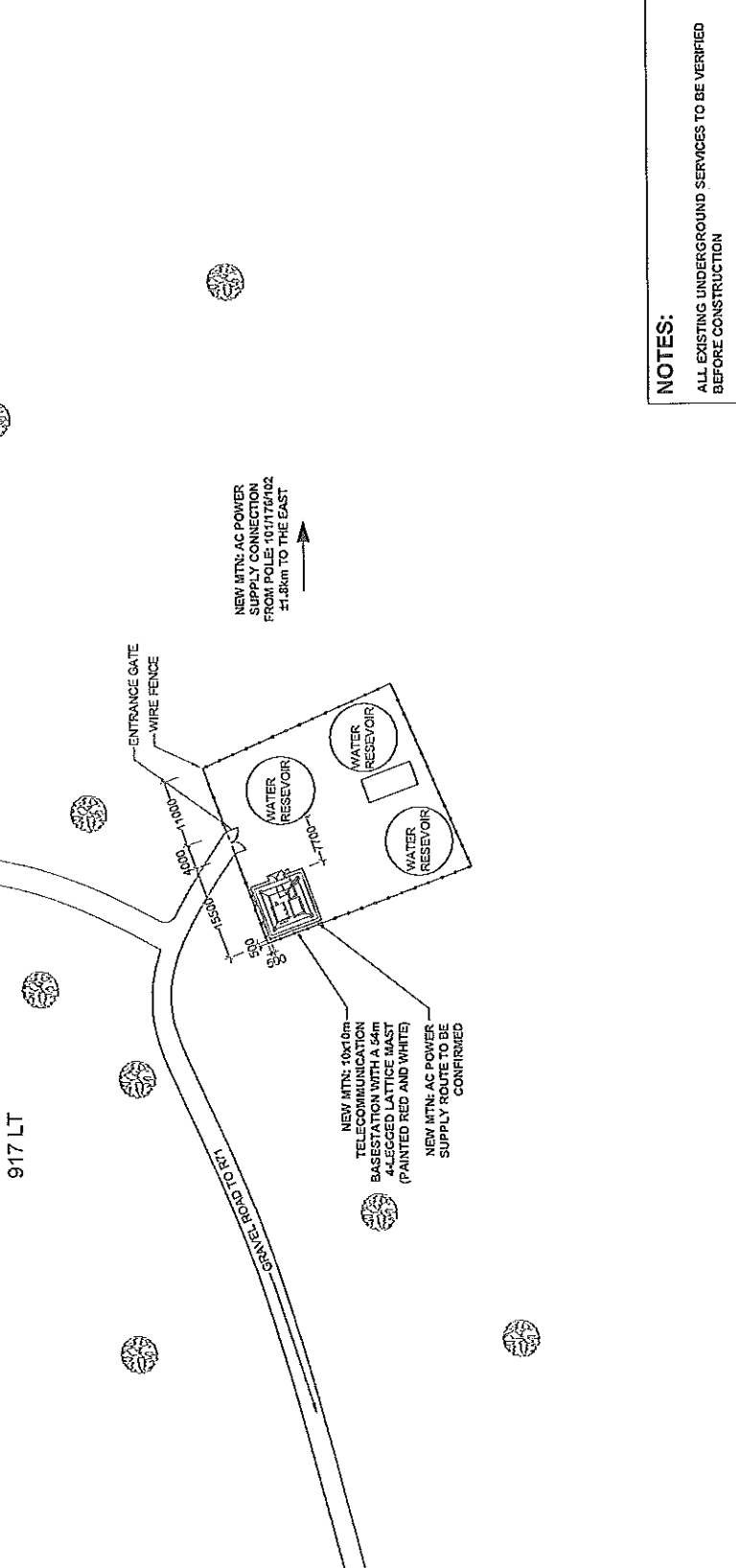
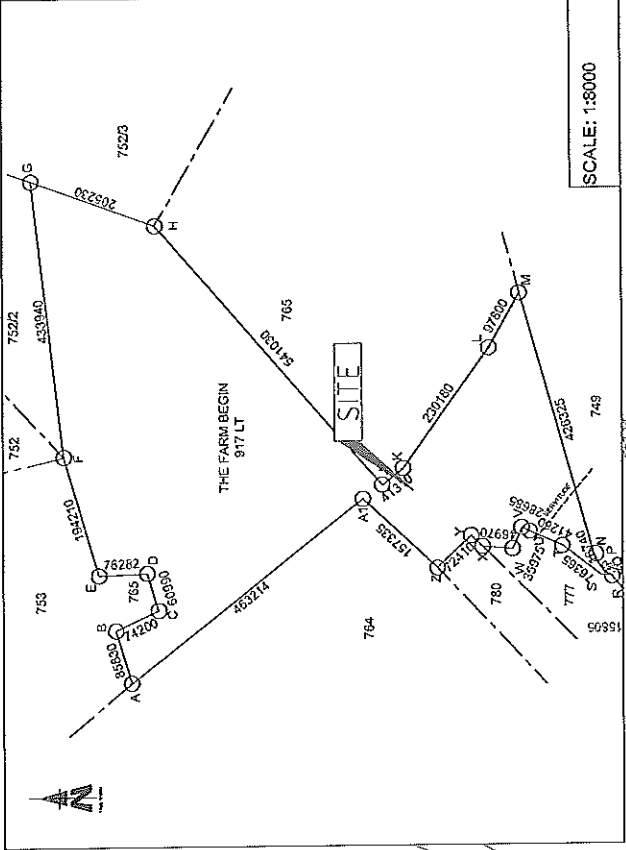
PROJECT NUMBER:
 157903
 123825

DATE: 25/04/2012

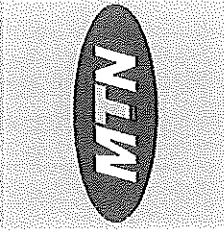
SCALE: 1:800

REF. NO.: 811/09/28

SITE DEVELOPMENT PLAN
SHEET 3 OF 9



NOTES:
 ALL EXISTING UNDERGROUND SERVICES TO BE VERIFIED BEFORE CONSTRUCTION



1307 Pretorius Street
 Block C, Hurlingham Complex
 Hatfield, 0083

Tel: +27 (0) 11 442 2000
 Fax: +27 (0) 11 442 2000

Private Bag X115
 Menlo Park

SITE NAME: GRAVELOTTE WIRES

BASE STATION NUMBER: T9738

REV	DATE	BY	DESCRIPTION
A	22/06/2012	JJS	FIRST ISSUE

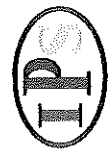
NOTES:
 PICT WARREN PLACE (PTY) LTD

STRICTLY COMPANY CONFIDENTIAL
 PROPERTY DESCRIPTION:
 THE FARM BEGIN 917 LT

COORDINATES:
 LAT: 29° 37' 51,64" S
 LONG: 30° 42' 40,81" E

PROJECT:
 NEW 10x10m TELECOMMUNICATION BASESTATION
 WITH A 54m 4-LEGGED LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
 OFF THE RT1,
 TOWARDS PHALABORWA ON THE LEFT HAND SIDE,
 LIMPOPO



INFRASTRUCTURE
 PLANNING SERVICES

141 Glynis Road
 Sandton
 2194

Tel: +27 (0) 11 651 1594/5
 Fax: +27 (0) 11 651 1594/5
 admin@ipsplanning.co.za

P.O. Box 22017
 Toronto
 2124

RFQ NO.: 157933

PROJECT NUMBER: 123825

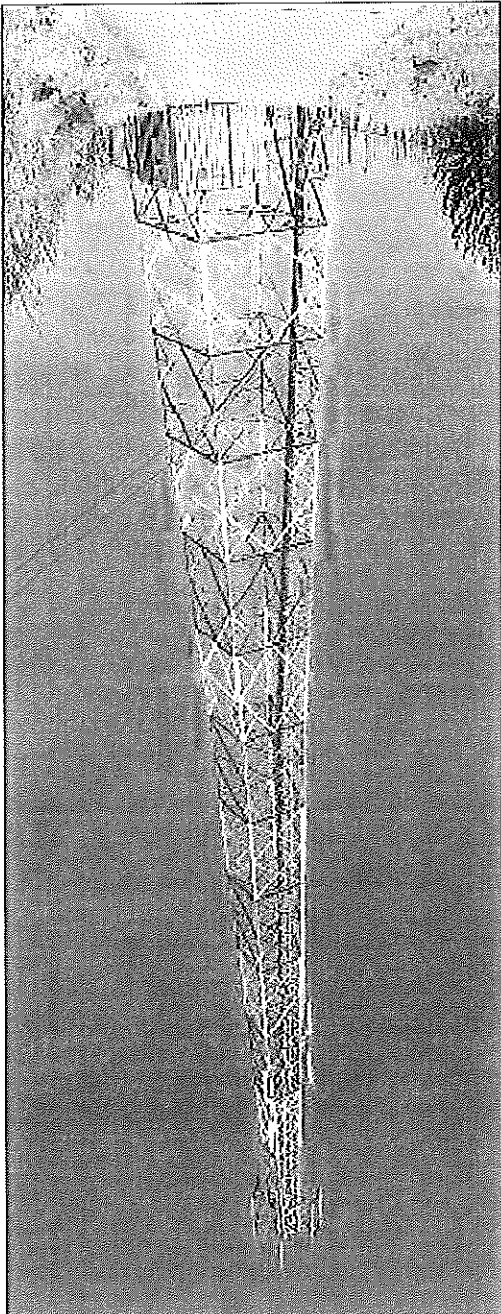
DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.

ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION B8011001 ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: JANINE STEYN DATE: 26/04/2012

SCALE: REF: NO: 811/79738

TYPICAL 4-LEGGED LATTICE MAST (PAINTED RED & WHITE)



Appendix G3 – Proof of Newspaper Advertisement

Shoppingline

TV 12 27 - 29 June 2012

Advertisers

Please Note:-

CREDIT CARD PAYMENT FACILITY NOW AVAILABLE
CHEQUES MUST BE MADE PAYABLE TO CTP LIMITED t/a NORTHERN MEDIA GROUP

Tot u diens At your service



TEL: 293 9400
 FAKS: 293 9496 (CLASSIFIED) (GEKLASSIFISEERDE AFDELING)

Vacancies Tel 015 293 9400 Fax 015 293 9496 classad@nmgroup.co.za	Telesales Tel 015 293 9403 Fax 015293 9496 classad1@nmgroup.co.za
Classifieds Tel 015 293 9403 Fax 015 293 9496 classad1@nmgroup.co.za	Legals Tel 015 293 9427 Fax 015 293 2296 copy@nmgroup.co.za

INDEX INDEKS

<p>NOTICES</p> <ul style="list-style-type: none"> 0001 Births 0002 Deaths 0003 Found 0004 In Memoriam 0005 Lost 0006 Lifts/Transport 0007 Personal 0008 Thanks <p>SERVICES</p> <ul style="list-style-type: none"> 0101 Building & Material 0102 Beauty & Health 0103 Bridal 0104 Childcare 0105 Catering 0106 Driving Schools 0107 Electrical 0108 Entertainment 0109 For Hire 0110 Gardening 0111 Home Industry/ Dressmaking 0112 Home Improvements 0113 Interior Decorating 0114 Loans/ Investments 0115 Miscellaneous Services 0116 Professional & Business 0117 Photographic 0118 Pools 0119 Personal Service 0120 Pet Services/ Accommodation 0121 Pest Control 0122 Repairs 0123 Removals/ Storage 0124 Security 0125 Tuition/ Education 0126 Upholstery/ Curtains 0127 Cleaning 	<p>1028 To Swap/Te Ruil</p> <p>FOR SALE</p> <ul style="list-style-type: none"> 0201 Appliances 0202 Arms & Ammunition 0203 Baby/ Children Corner 0204 Clothing 0205 Computers 0206 Camping Equipment 0207 Furniture/ Carpets 0208 Jewellery 0209 Miscellaneous for sale 0210 Musical 0211 Pets/ Livestock 0212 Wanted to buy <p>PROPERTY TO LET</p> <ul style="list-style-type: none"> 0301 Accommodation/ Rooms to let 0302 Business Premises 0303 Factories/ Industries 0304 Flats 0305 Farms/ Plots 0306 Garden Flat/ Cottages 0307 Houses 0308 Holiday Accommodation 0309 Offices/ Shops 0310 Townhouses/ Simplexes Duplexes 0311 Wanted to rent <p>PROPERTY FOR SALE</p> <ul style="list-style-type: none"> 0401 Business Premises 0402 Business For Sale 0403 Factories/Industrial 0404 Flats 	<ul style="list-style-type: none"> 0405 Farms/ Plots 0406 Houses 0407 Offices/ Shops 0408 Stands 0409 Townhouses/ Simplexes/ Duplexes 0410 Timeshare 0411 Wanted to buy <p>VACANCIES</p> <ul style="list-style-type: none"> 0501 Business 0502 Business Opportunity 0503 Employment Wanted 0504 General 0505 Hairdressing/ Beauty 0506 Medical 0507 Professional 0508 Part-time/ Temps 0509 Sales/ Marketing 0510 Technical/ Trade 0511 Domestic Employment Wanted 0512 Domestic Employment Offered <p>MOTORING</p> <ul style="list-style-type: none"> 0601 Boats 0602 Cars for sale 0603 Caravans 0604 Heavy Vehicles 0605 Motorcycles 0606 Services 0607 Spares/Accessories 0608 Trailers 0609 Wanted to buy <p>NOTICES</p> <ul style="list-style-type: none"> 0701 Tenders 0702 General Notices 0703 Legals 0704 Estate Notices
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0100 SERVICES

0114 Loans / Investments

BRIDGING CASH
 While waiting for PENSION/PACKAGE payout (lumpsum only).
 Tel: 011 394 6937
CE004478

DO YOU NEED MONEY?
 Personal loans R1 000 - R100 000 Blacklisted / Garnishee

Esther
 074 542 7203
 078 509 0308
CE004615

0119 Personal Services

DEBT?

Regain control of your finances and get rid of debt. Receive legal protection against creditors.

Call us for a free consultation
 087 802 0086

Registered Debt Counsellor NCRDC 1209
CE004699

0125 Tuition / Education

ASSESSOR & MODERATOR TRAINING @ R2 999

Seta accredited training aligned to unit standards 115753 (Assessor) & 115759 (Moderator) @ R2 999 each

Contact
 NMI Training on 072 222 3515
 nmiskillingtraining@gmail.com
CE004752

0200 FOR SALE

0209 Miscellaneous For Sale

BALTIMORE

Lusern, hawer, boontjie, tef, gras.
 Bale te koop en afgelewer.
Bassie
 082 968 1998
CE004633

0200 FOR SALE

0209 Miscellaneous For Sale

0300 PROPERTY TO LET

Leaders are dealers in hope.
Napoleon Bonaparte

0200 FOR SALE

0209 Miscellaneous For Sale

0300 PROPERTY TO LET

0209 Miscellaneous For Sale

BALTIMORE

0300 PROPERTY TO LET

Leaders are dealers in hope.
Napoleon Bonaparte

NYLSTROOM

UNIT 39 KAREE HOOGTE BUDLER STREET 104

- 2 Bedrooms
- 1 Bathroom
- Lounge Room
- Kitchen
- Dining Room
- TV Room
- Parking

VE: JM SWIFT - T3006/10 & VE: S SWIFT - T3007/10

WEDNESDAY 11 JULY 2012 @ 10:00

VENDOR
 012 403 8360

10% / 20% dep. 14 Day Confirmation. Bidders must FICA. Auction will be held in terms of the Consumer Act. Pre-registration fee of R2000 essential - payable 2 days before auction. Auction Conditions - www.vendor.co.za & (012) 403 8360.

0302 Business Premises

OFFICE SPACE AVAILABLE

18 Church Street

083 559 2151
CE004854

OFFICE SPACE TO LET

State of the art modern Office space available in Polokwane. Accessible, Secure, private and spacious.

Dan:
 082 602 7707
CE004814

0304 Flats

ACCOMMODATION AVAILABLE IMMEDIATELY

2 x 2 bedroom flat in Ladanna with 24 hours security. R3 850pm

3 rooms in Penina Park. R2 400pm each, including w&l

082 782 4970
 015 291 1811
CE004895

0500 VACANCIES

0502 Business Opportunities

TRUCKING
 Own your own truck. Earn a monthly income!!
 Own your own business!!
 Join now!
 Conditions apply.
 Call:
 011 763 8111
CE004709

0500 VACANCIES

0502 Business Opportunities

GE O NYAKA GO TSEBA TSHEDIMOSO: Ikgokaganye le MNA KHOSA JUSTICE WA KHOSA DEVELOPMENT SPECIALISTS (PTY) LTD
 MOGALA: 015 295 4171
 083 490 2005

0504 General

SUZAN MAABANE WA KGORO YA RURAL DEVELOPMENT AND LAND REFORM
 MOGALA: 015 297 3539
 LETSATSIS LA TSEBISO: 14 JUNE 2012.
JR004430

0504 General

NOTICE LIMPOPO GAMBLING BOARD ACT 4 OF 1996, AS AMENDED APPLICATION FOR A SITE OPERATOR LICENSE

Notice is hereby given that:

- Tebogo Desmond Mabote being the applicant and the owner of the business, trading as Bjaladi Bar Lounge. The applicant's business is located at Site 491, Mphakane Matoks.
- Mokgethwa Francinah Mosomane being the applicant and the owner of the business, trading as Five Star Liquor Restaurant. The applicant's business is located at 428 Magongoa Village, Seshego.
- Cornelius Petrus Engelbrecht Swanepoel being the applicant and the owner of the business, trading as Howick's Rest. The applicant's business is located at Gedeelte 37, Van Gedeelte 21 Plaas Tweefontein, Pietersburg.
- Hannes Willemse being the applicant and the owner of the business, trading as Nguni Grill. The applicant's business is located at Bendor Shopping Centre, CNR De Wet Drive and Mottis Street, Polokwane.
- Ross Lehlaqa Mojaipo being the applicant and the owner of the business, trading as Molatelo Liquor Restaurant. The applicant's business is located at Farm Jaskraal, No. 244, REG KS, Thabamooop.
- Kwena Solomon Mabotja being the applicant and the owner of the business, trading as Solly Tavern. The applicant's business is located at Stand 120, Manamela R36, Farm No. 436, Ga-Manamela, Seshego.

0600 MOTORING

0602 Cars for Sale

CASH! CASH! CASH!
 For your car or bakkie under R40 000.
 Madiba Motors.
 082 561 0461
CE004599

0700 LEGALS

No man is wise enough by himself.

0702 General Notices

KOPANO YA SETSHABA
LETSATSIS: 20 July 2012
NAKO: 10:00
LEFELLO: Machaka Traditional Authority

KAKARETISO

MAROBADIHLARE BUSINESS ENTERPRISE e nyaka go hlalolla di hectara tse 0.8190 (Ha) tsa karolo ya mathomo (1) ya polase ya De Kaffersdrift 510 LS go dira Filling Station le mabenkele a yona. Masepaleng wa selegae wa Molemole, Seleteng sa Capricorn, Limpopo Province.

MORERO:
 Go hwetsa sephetho sa Setshaba go ya ka ditsela tse di laolang sephetho sa thlabollo ya Naga yeo e nyakang tumelelo ya Ministara wa tsa Hlabollo ya Selegae go ya ka Interim Protection of formal Land Right Act, 3 ya 1996 go beletswe:

- Go agwa ga Filling Station
- Go agwa ga mabenkele a yona

KE MANG A KA BAGO GONA:

- Badudi ba metse ka moka yeo e buswago ke Mhohamagadi Machaka le dinaga mabapi, maloko a Mosate wa Machaka, mekgahlo ya mo Motseng, mekgahlo ya Baswa, mekgahlo wa Meshate, mekgahlo ya Thabololo, mekgahlo ya di Dikgwebob, mekgahlo ya Basomi, mekgahlo ya tsa Leyogo le bao ba nyakago go hoiwa ke thlabolloye.

PUBLIC PARTICIPATION PROCESS
REFERENCE NUMBER: 12/1/93-M10

Regulation 546 activity 3 (a) & (b): (a) ii (bb) and (gg): Establishment of a 54m telecommunication mast with base station for MTN (Pty) Ltd: **T9738 Gravelotte Water Reservoir**

Location: The Farm Begin 917 LT

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

Alternative 1:
Latitude: 25° 53' 11.94" S
Longitude: 30° 42' 49.61" 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 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 Limpopo Department of Economic Development, Environment and Tourism.

The applicant furthermore intends to apply to the Limpopo 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.

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.

APPLICANT:
 MTN (PTY) LTD
 PO BOX 4559
 NORTHCLIFF, 2115

ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP):
 TORBIOUSE SOLUTIONS CC
ATTENTION:
 MONICA NIEHOF
 PO BOX 32017
 TOTIUSDAL, 0134
 TEL: 012 804 1504/6
 FAX: 012 804 7072
 E-MAIL: admin@torbiousolutions.co.za
JR004428

the public inspection at the office of the Limpopo Gambling Board at 22 Schoeman Street, Polokwane, Limpopo Province, South Africa from 2 July 2012.

The purpose of the application is to obtain a License to operate and keep limited payout machines on the site premises in the Province of Limpopo.

Attention is directed to the provisions of Section 26 of the Limpopo Board Act 4 of 1996, as amended, which makes provision for the lodging of written objections in respect of the application.

Such objections should be lodged with the Chief Executive Officer of the Limpopo Gambling Board, 22 Schoeman Street, Polokwane, or Private Bag X9520, 0700, within 30 days from 2 July 2012.
JR004421

Intends submitting an application to the Limpopo Gambling Board on 29 June 2012 for a Site Operator License. The application will be open to

TRIBAL COMMUNITY MEETING TO BE HELD

DATE: 20 JULY 2012.
TIME: 10:00
VENUE: Machaka Traditional Authority

BACKGROUND:

MAROBADIHLARE BUSINESS ENTERPRISE would like to develop 0.8190 ha part of portion 1 of the farm De

Kaffersdrift 510 LS for the purpose of Filling Station and related shops, Molemole Local Municipality of Capricorn District, Limpopo Province.

PURPOSE:

To formulate and sign a Tribal/Community decision in terms of the interim procedures governing land development decisions which requires the consent of the Minister of Rural Development and Land Reform as the nominal owner of the land in terms of the Interim Protection of Informal Land Right Act, 31 of 1996, with particular reference to:

- Development of Filling Station
- Development of Shops

WHO SHOULD ATTEND:

- Residents of all villages under the leadership of Kgosi Machaka and surrounding villages, Members of Machaka Traditional Authority, Women's Organizations, Civil Organizations, Community based Organizations, Youth Organizations, Traditional Organizations, Development Forum, Trade Unions, Consumer Organizations, Social Welfare Organizations, Potential beneficiaries of the project.

FURTHER INFORMATION:

Contact one of the following:

MR. KHOSA JUSTICE KHOSA DEVELOPMENT SPECIALISTS (PTY) LTD
 TEL: 015 295 4171
 083 490 2005

AND/ OR


SUZAN MAABANE DEPARTMENT OF RURAL DEVELOPMENT AND LAND REFORM
 TEL: 015 297 3539
 DATE OF NOTICE: 14 JUNE 2012.
JR004429

MR. KHOSA JUSTICE KHOSA DEVELOPMENT SPECIALISTS (PTY) LTD
 TEL: 015 295 4171
 083 490 2005

AND/ OR

SUZAN MAABANE DEPARTMENT OF RURAL DEVELOPMENT AND LAND REFORM
 TEL: 015 297 3539
 DATE OF NOTICE: 14 JUNE 2012.
JR004429

Be the change you want to see in the world.



**Appendix G4 – Register of Interested and Affected Parties and
communication to and from I&APs**

Interested & Affected Parties Register / Comments and Responses Report

Site number: T9738
 Site Name: Gravelotte W/Res
 EIA reference no.: 12/1/9/3-M10

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	29/06/2012	The Municipal Manager, Ba-Phalaborwa Local Municipality, Mr. H. Malatji	Private Bag X01020, Phalaborwa, 1390	Tel: (015) 780 6300 Fax: (015) 781 0726 Email: phalamun@lantic.net	NA	Auto I&AP	No comments received	No comments received
2	29/06/2012	The Ward Councillor, Ward 10, Clr. P.G Mabilo	Private Bag X01020, Phalaborwa, 1390	Tel: (015) 780 6300 Fax: (015) 781 0726 Email: phalamun@lantic.net	NA	Auto I&AP	No comments received	No comments received
3	29/06/2012	The Municipal Manager, Mopani District Municipality, Mr. Tim Maake.	Private Bax X9687, Giyani, 0826	Tel: (015) 811 6300 Fax: (015) 812 4302 Email: tim@mopani.gov.za	NA	Auto I&AP	No comments received	No comments received
4	29/06/2012	South African Civil Aviation Authority (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
5	29/06/2012	The Landowner, Piet Warren Plase (Pty) Ltd	PO Box 962, Tzaneen, 0850	Tel: (015) 318 7920	NA	Auto I&AP	No comments received	No comments received

Appendix G5 – Civil Aviation Information

SOUTH AFRICAN



**CIVIL AVIATION
AUTHORITY**

Physical Address:
Khaya 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
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.

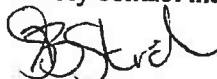
Intermediate lights shall be placed at a position midway between the top of the structure and the ground and shall consist of at least three steady burning red aeronautical obstruction lights of at least 32 candela each, on the same vertical plane and spaced not more than 120 degree horizontally. At 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

Appendix G6 – General



LIMPOPO

PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

T9738

DEPARTMENT OF
ECONOMIC DEVELOPMENT, ENVIRONMENT & TOURISM

Enq: Mr M. P. Seshoka, Tel No: (015) 290 7163, Fax No: (015) 295 5015, Email: seshokamp@ledet.gov.za, Ref No: 12/1/9/3-M10

Torblouse Solution cc
P. O. Box 32017
TOTIUSDAL
0134

Fax no: 086 690 0441 / 0468

For attention: Ms M. Nlehof

ACKNOWLEDGEMENT OF AN APPLICATION FOR ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED ERECTION OF A 54M MTN MAST ON THE FARM BEGIN 917 LT WITHIN BA-PHALABORWA LOCAL MUNICIPALITY OF MOPANI DISTRICT

The Department of Economic Development, Environment and Tourism ("the Department") hereby acknowledges receipt of an application for the above-mentioned development on 29 May 2012.

The application has been assigned the reference number 12/1/9/3-M10 and the National Environmental Authorisation System (NEAS) number LIM/EIA/0000436/2102. Kindly quote this reference numbers in any future correspondence in respect of the application.

You may proceed with the Basic Assessment Process as required in terms of the Environmental Impact Assessments Regulations, 2010.

Please note that no construction activities must commence prior to an Environmental Authorisation being granted by the Department.

If you have any queries with regard to the above, please contact the above officer on (015) 290 7163 for clarity.


MANAGER
ENVIRONMENTAL IMPACT MANAGEMENT

DATE: 08/06/2012

Cc: MTN (Pty) Ltd

For attention: M. E. Masunga

Fax no: 086 768 7968

HEAD OFFICE

20 Hans Van Rensburg Street / 19 Bliccard Street, Polokwane, 0700, Private Bag X 9484, Polokwane, 0700
(Switchboard) Tel: +2715 293 8300/8303/8367 Website: www.ledet.gov.za

The heartland of southern Africa - development is about people!