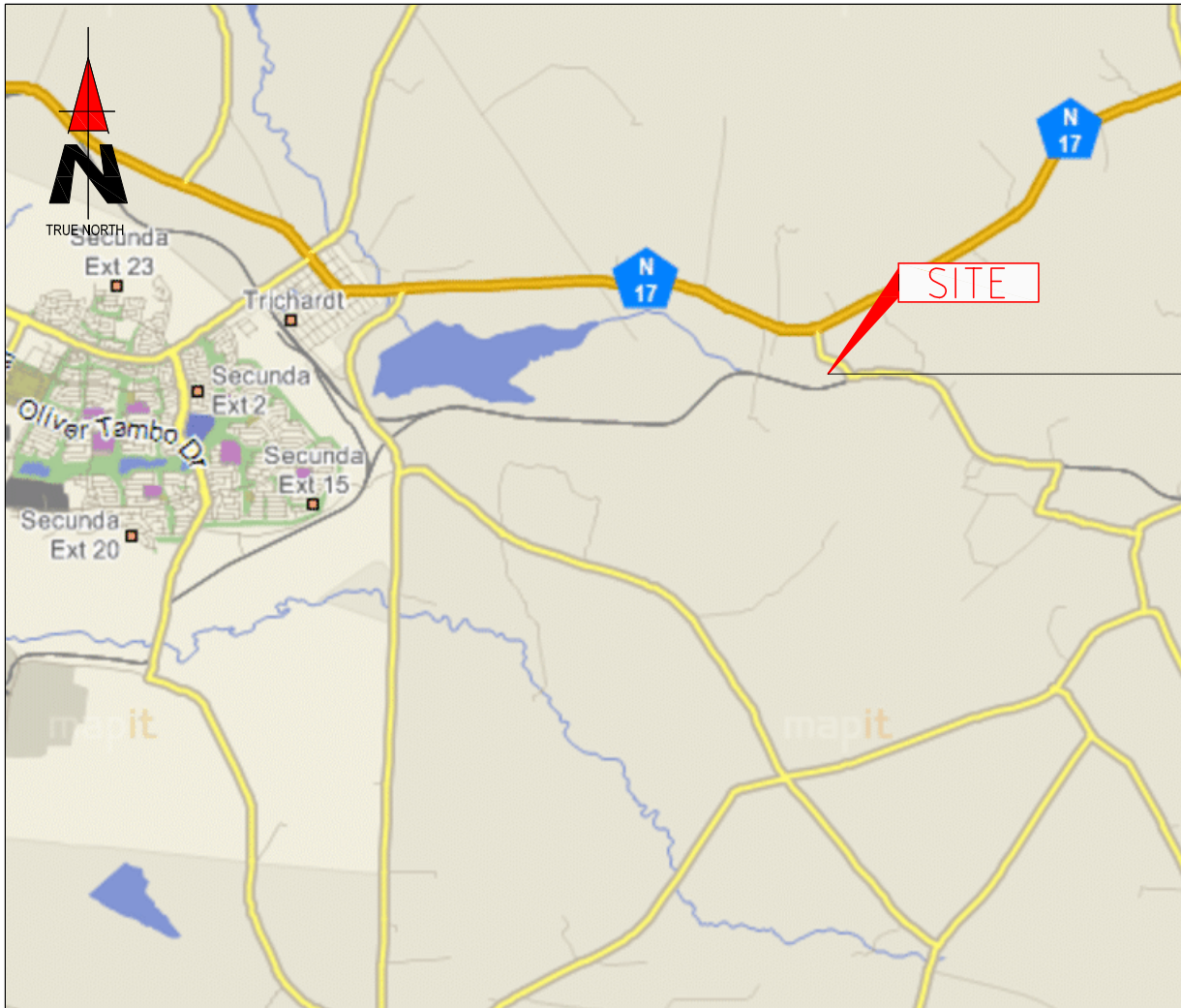


**Appendix A: Site Plans**



**T9468**  
RIETFontein PLAAS



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  
Menlo Park

SITE NAME:  
**RIETFontein PLAAS**

BASE STATION NUMBER:  
**T9468**

REV	DATE	BY	DESCRIPTION
A	29/11/2011	HM	FIRST ISSUE
B	19/01/2012	HM	ANTENNAE HEIGHT REVISED

NOTES:  
OWNER: JEVON OWEN VERNON

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:  
PORTION 16 OF THE FARM ROOIPOORT 144 IS

COORDINATES:  
LAT : 26° 30' 13.73" S  
LONG : 29° 18' 15.23" E

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

ADDRESS:  
OFF THE N17,  
TRICHARDT TO BETHAL 17km FROM TRICHARDT,  
MPUMALANGA



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

RFQ NO.:  
155083

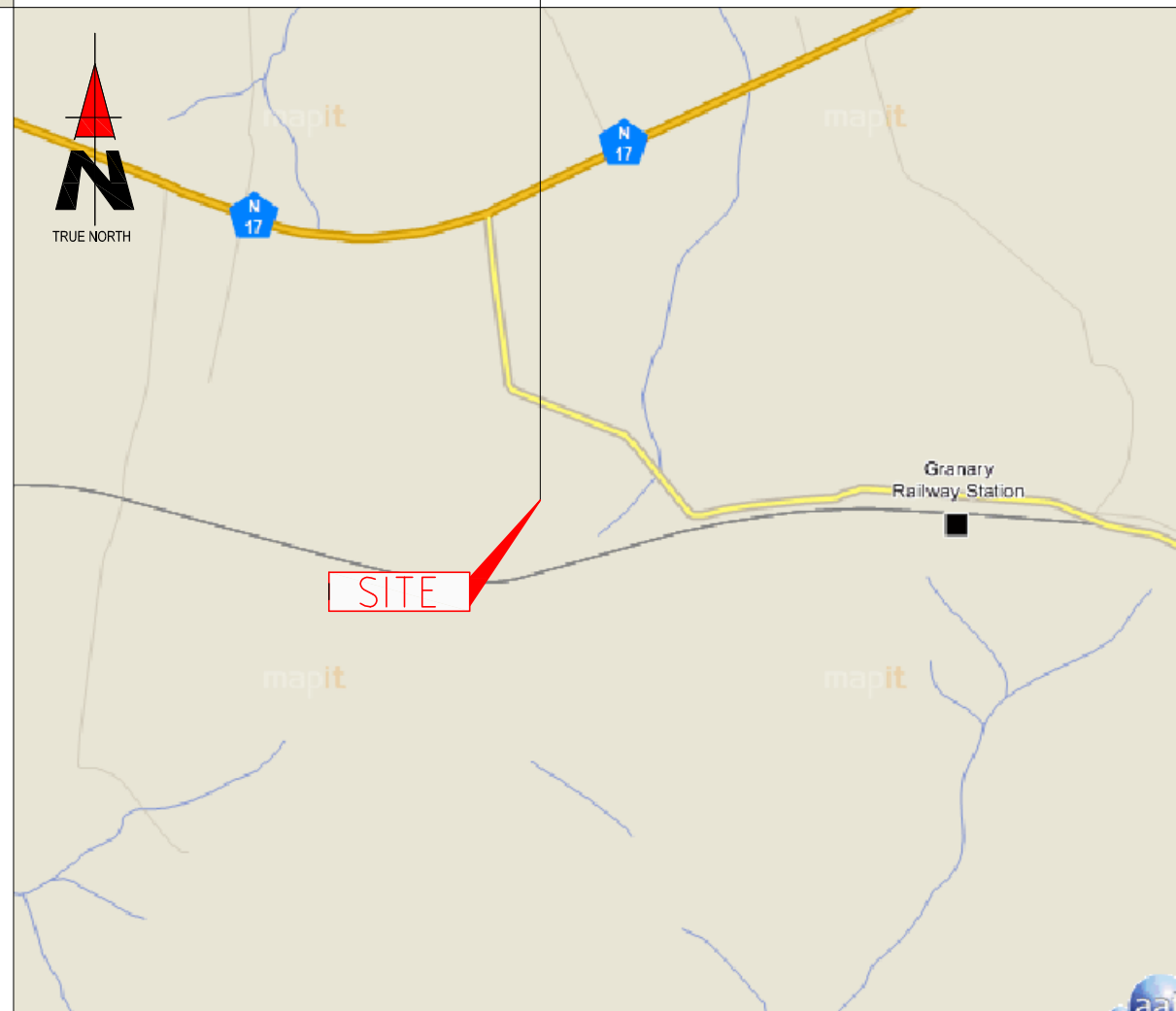
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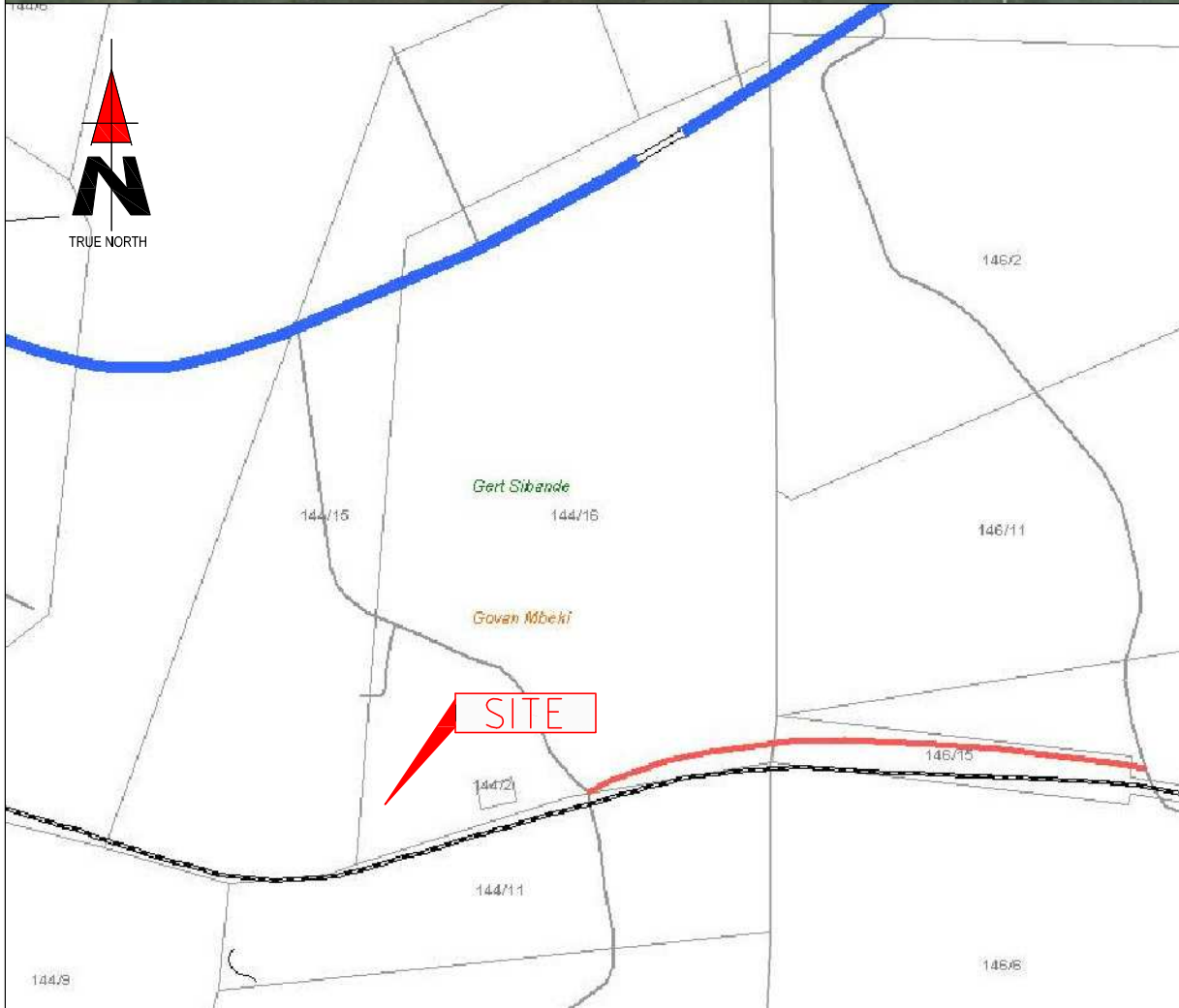
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ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE  
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ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: HENDRICK MAKINTA DATE: 29/11/2011  
SCALE: NTS REF. NO: 812/T9468

LOCALITY MAP  
SHEET 1 OF 10





**L.G. No. A 5853/51**

Goedgekeur  
*W. M. Singh*  
Landmeter-Generaal

SYE Kaapse Voet	RIGTINGS- HOEKE.	KO-ORDINATE.	
		Y	X
	KONSTANTE	-18000,00	+170000,00
AB 2302,9	242,07,00	A -16668,8	+20563,1
BC 3690,2	0,10,30	B -18702,3	+19486,1
CD 291,8	1,56,30	C -18691,1	+23176,3
DE 1152,9	82,01,40	D -18681,2	+23468,0
EF 1207,8	72,02,50	E -17539,4	+23627,9
FA 3448,2	184,35,50	F -16390,4	+24000,2

UITGESLOTE	FIGUUR.	GEDEELTE.	L.G. Nr. A 1873/14	
			TRANSPORT	NR. 7162/1907
GH 199,9	255,20,20	G	-17008,2	+23558,0
HJ 121,9	345,30,30	H	-17201,6	+23505,4
JK 184,8	72,09,50	J	-17232,1	+23623,4
KG 133,0	158,50,20	K	-17056,2	+23680,0
KONNEKSIE.			24446 Vk.Vt.	
JE 307,3	270,50,20			
KF 738,8	64,19,00			

**Servitude SG No. 9923/2004** BESKRYWING VAN BAKENS.

A B C E F : HALWE YSTERPAAL IN KLIPSTAPEL.  
D : YSTERPAAL IN BETON.  
G H J K : SPOORSTAAP HOEKPAAL.

Skaal 1: 10000

geur A B C D E F A UITSLUITENDE DIE FIGUUR G H J K G, stel voor  
10000 Morge grond, synde GEDEELTE 16 van die plaas  
ROOIPPOORT, NR. 99.

DISTRIK BETHAL. PROVINSIE TRANSVAAL

Gemeet in AUGUSTUS, 1951. deur my *W. M. Singh*  
Landmeter.

kaart is geheg aan Akte van gedateer van <b>1463/53</b> Registateur van Aktes	Die oorspronklike kaart is No. A 1779/14 geheg aan <i>Grondboek</i> No. <b>1597/89</b> gedateer ten gunste van	L.G. Lëer No. <b>7419/1439/14</b> Meestukke No. <b>1494/51</b> Kompilase No. <b>15-3-D-15-5-B</b> Suiderbreedte Oosterlengte
--	---	---



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Postnet Suite 146  
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Menlo Park

SITE NAME: **RIETFontein PLAAS**

BASE STATION NUMBER: **T9468**

REV	DATE	BY	DESCRIPTION
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NOTES:  
OWNER: JEVON OWEN VERNON

STRICTLY COMPANY CONFIDENTIAL

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LONG : 29° 18' 15.23" E

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ADDRESS:  
OFF THE N17,  
TRICHARDT TO BETHAL 17km FROM TRICHARDT,  
MPUMALANGA

**INFRASTRUCTURE PLANNING SERVICES**

414 Rustic Road  
Silvertondale  
0184

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

P.O. Box 32017  
Totiusdal  
0134

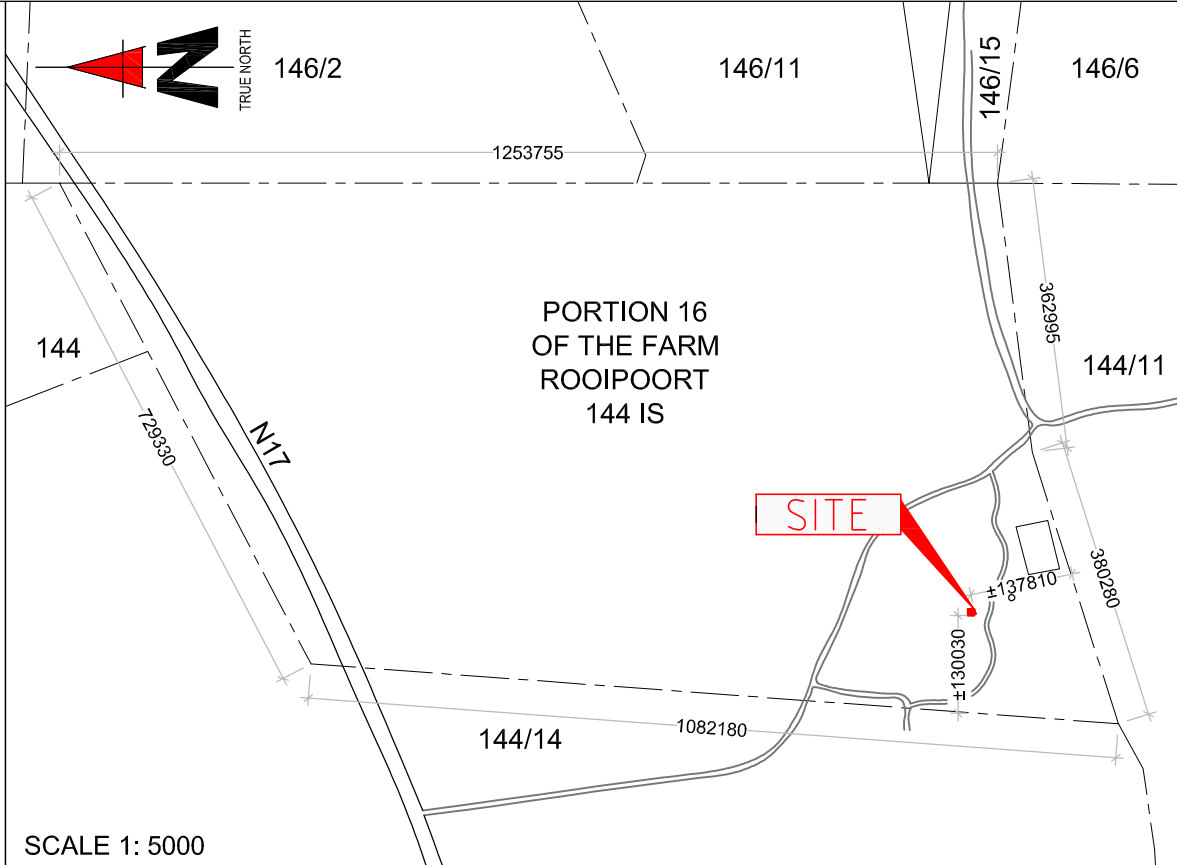
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155083

PROJECT NUMBER:  
119379

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DRAWN: HENDRICK MAKINTA DATE: 29/11/2011  
SCALE: NTS REF. NO: 812/T9468

CADASTRAL INFO  
SHEET 2 OF 10



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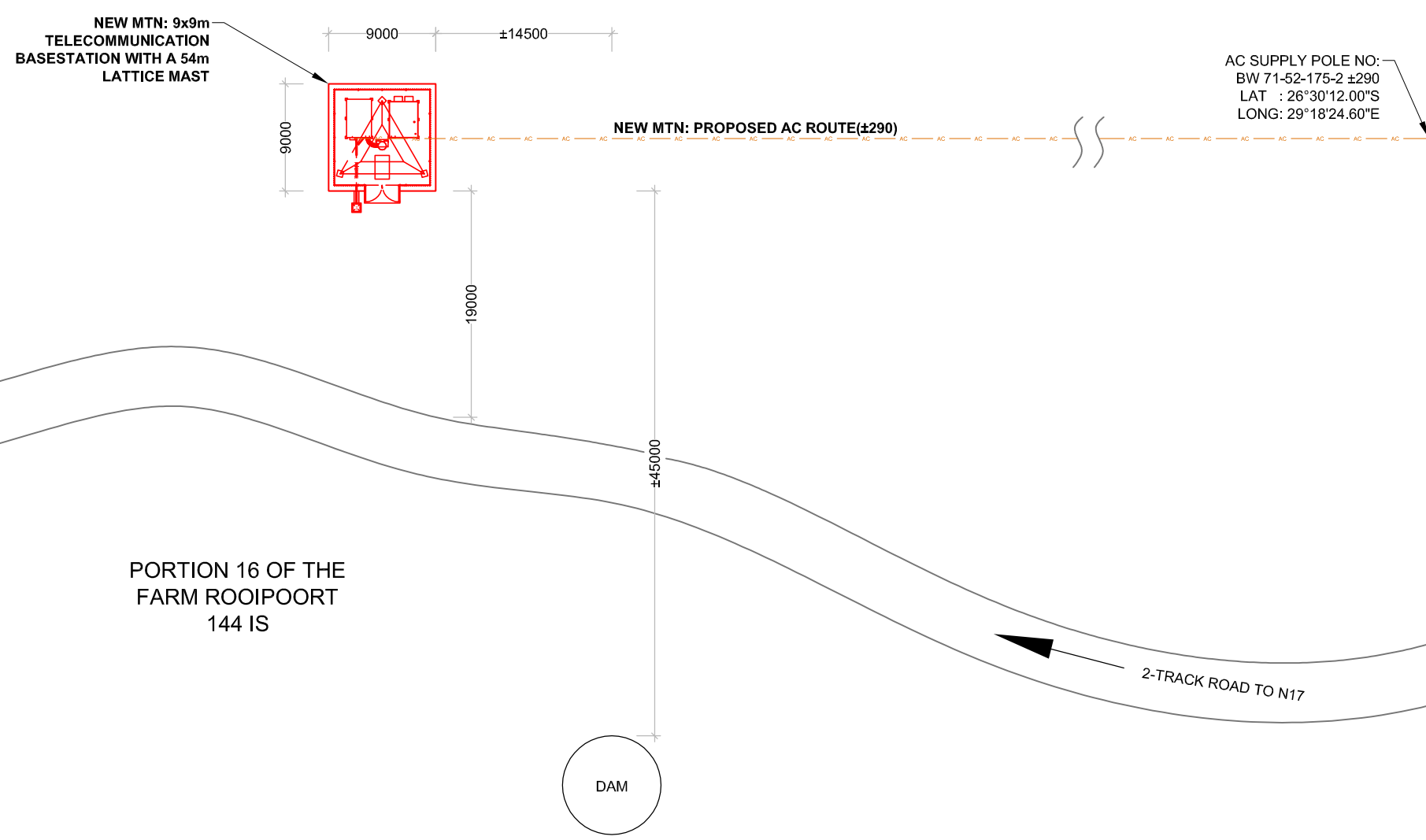
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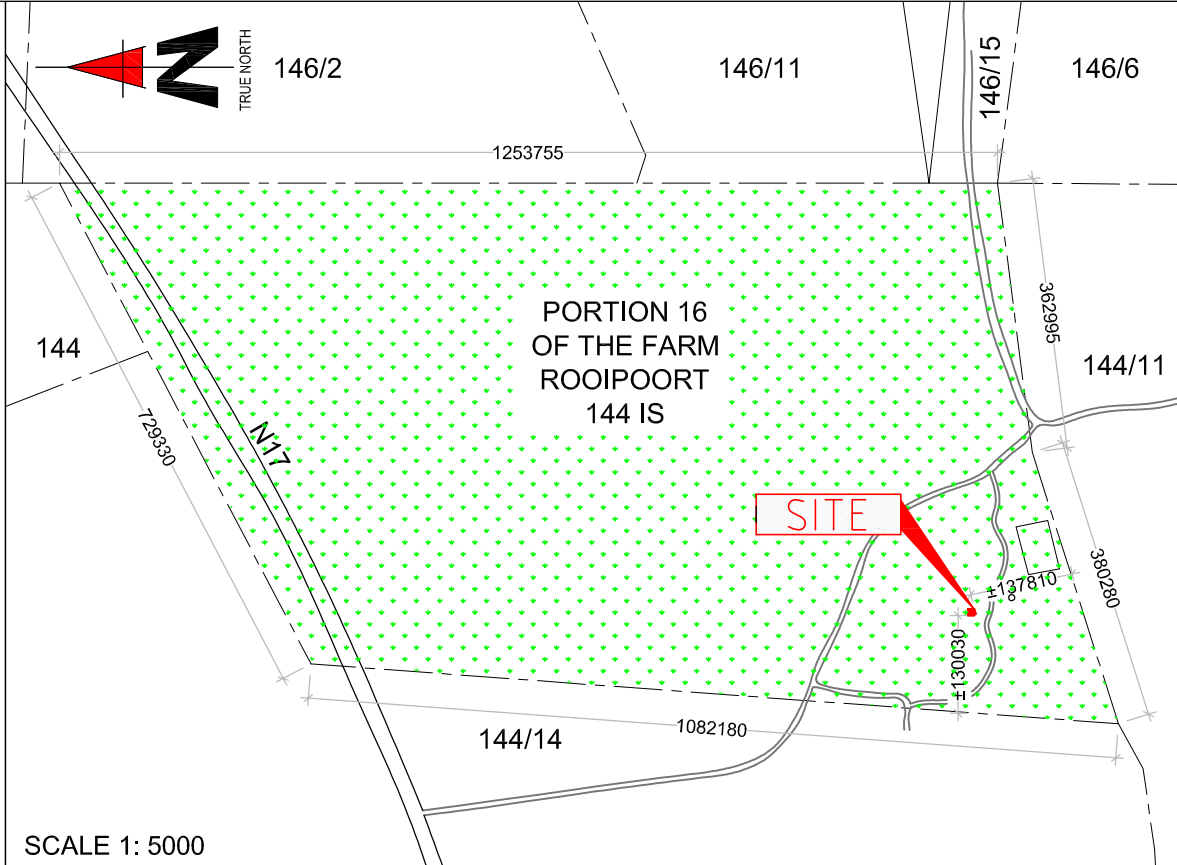
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SCALE: 1:500 REF. NO: 812/T9468

**SITE DEVELOPMENT PLAN  
SHEET 3 OF 10**





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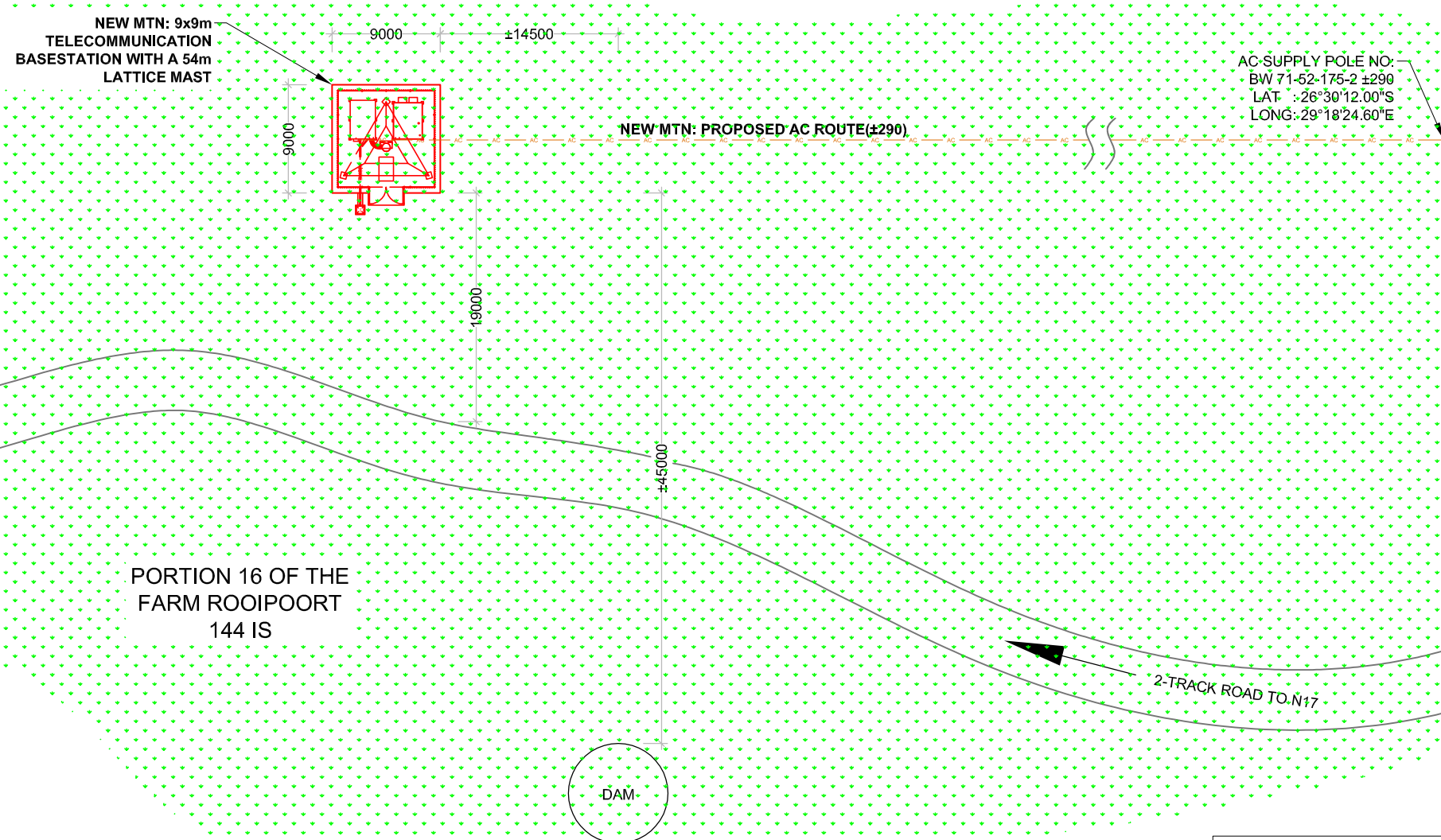
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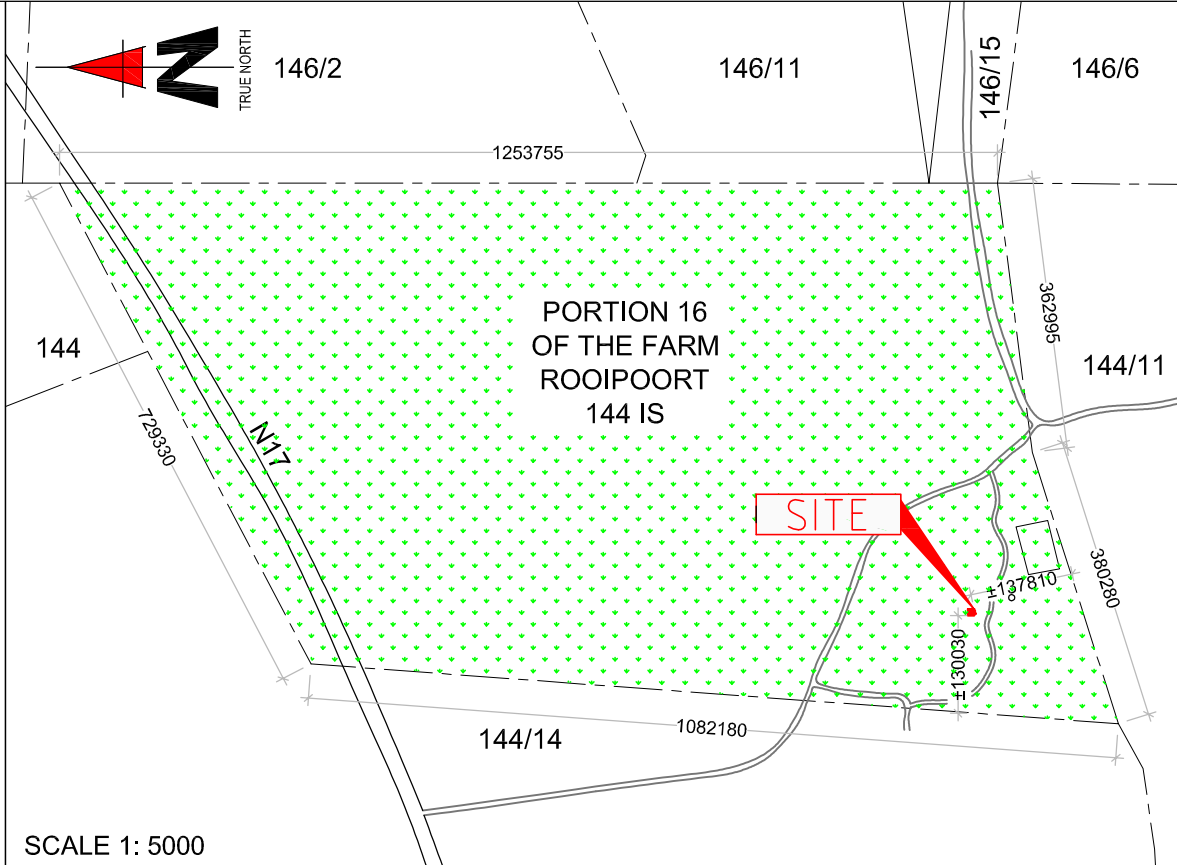
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SCALE: 1:500 REF. NO: 812/T9468



LEGEND	
AGRICULTURAL	

CURRENT LAND USE  
SHEET 5 OF 10



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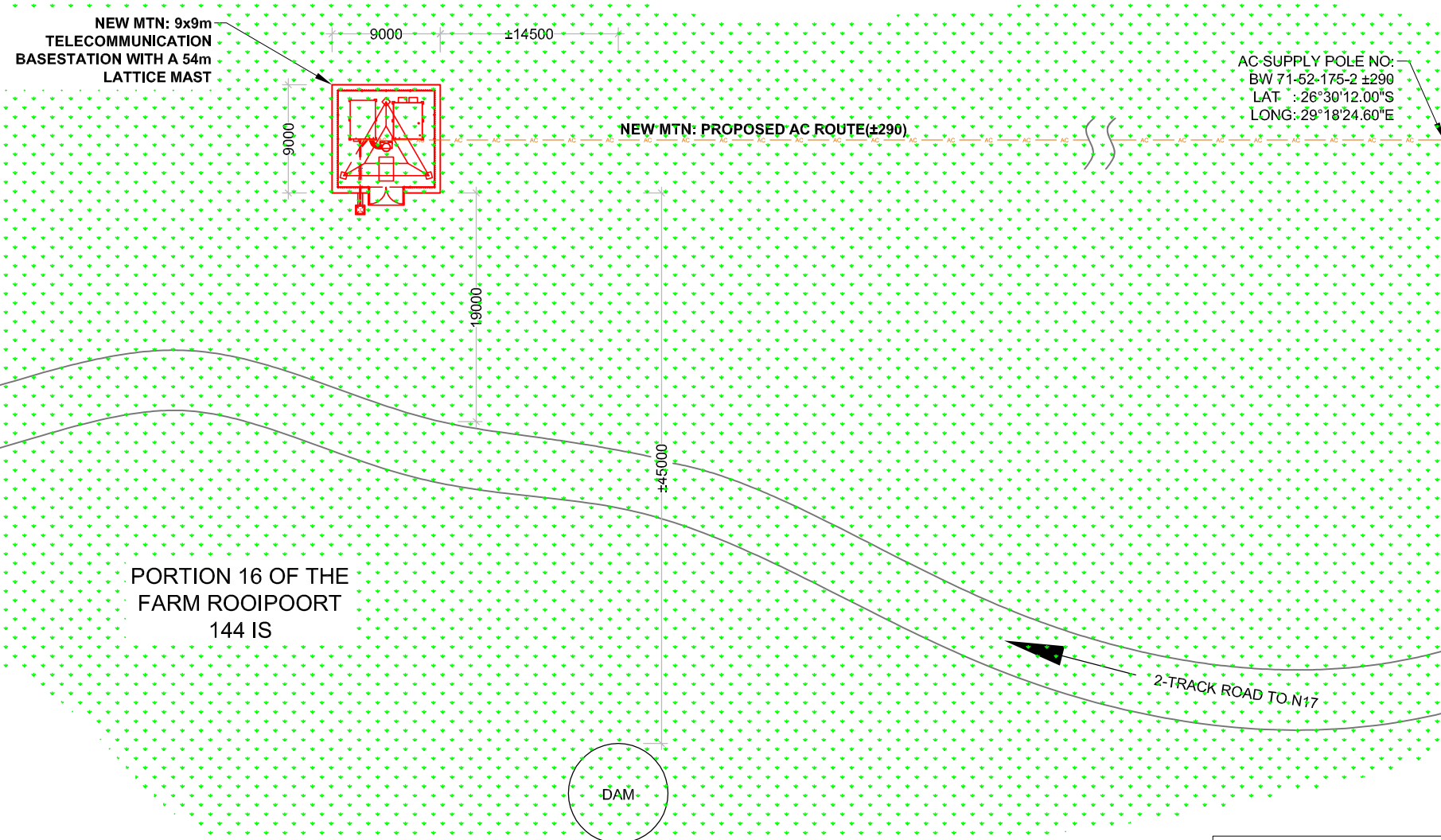
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RFQ NO.:  
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PROJECT NUMBER:  
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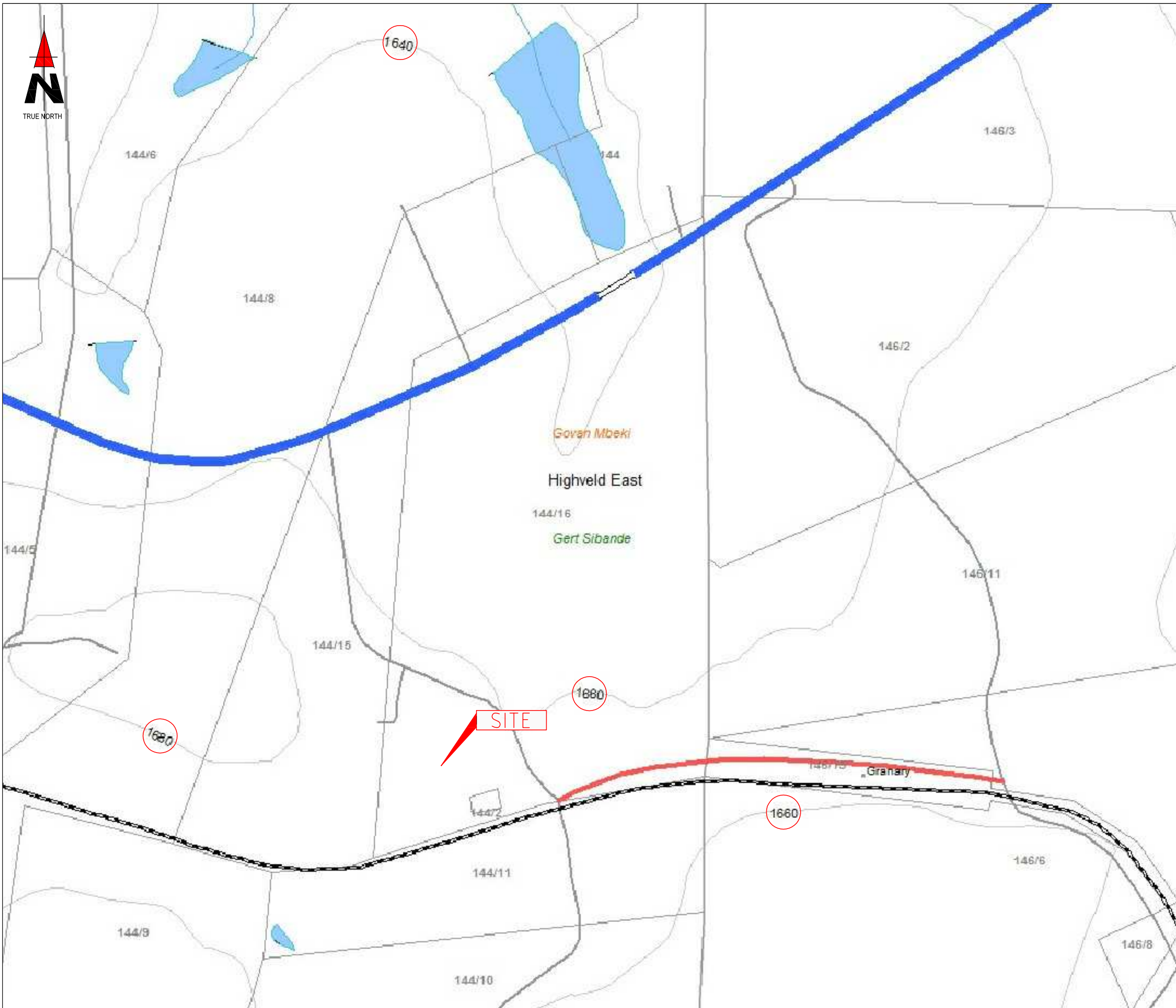
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LEGEND	
AGRICULTURAL	

ZONING  
SHEET 4 OF 10



1267 Pretorius Street  
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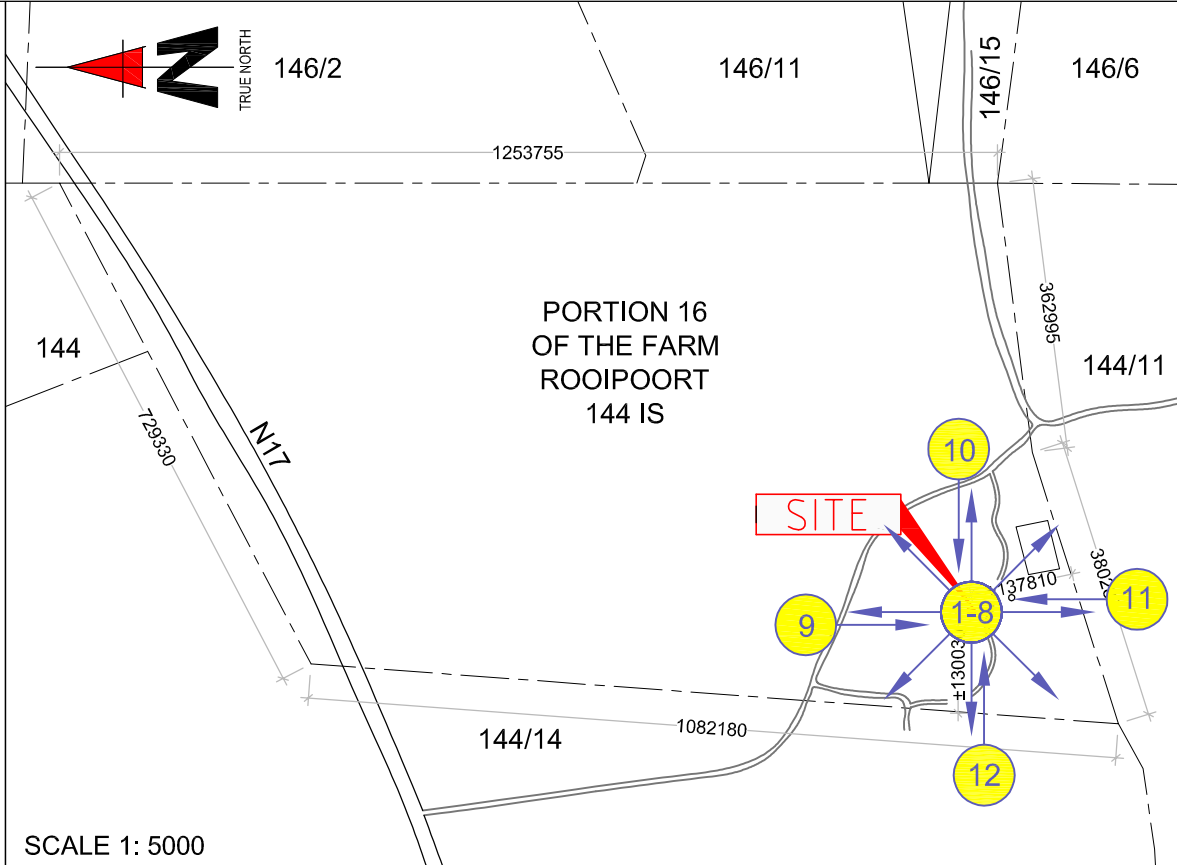
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DRAWN: HENDRICK MAKINTA DATE: 29/11/2011  
SCALE: NTS REF. NO: 812/T9468

CONTOUR INTERVALS  
SHEET 6 OF 10

**Appendix B: Site Photographs**





1267 Pretorius Street  
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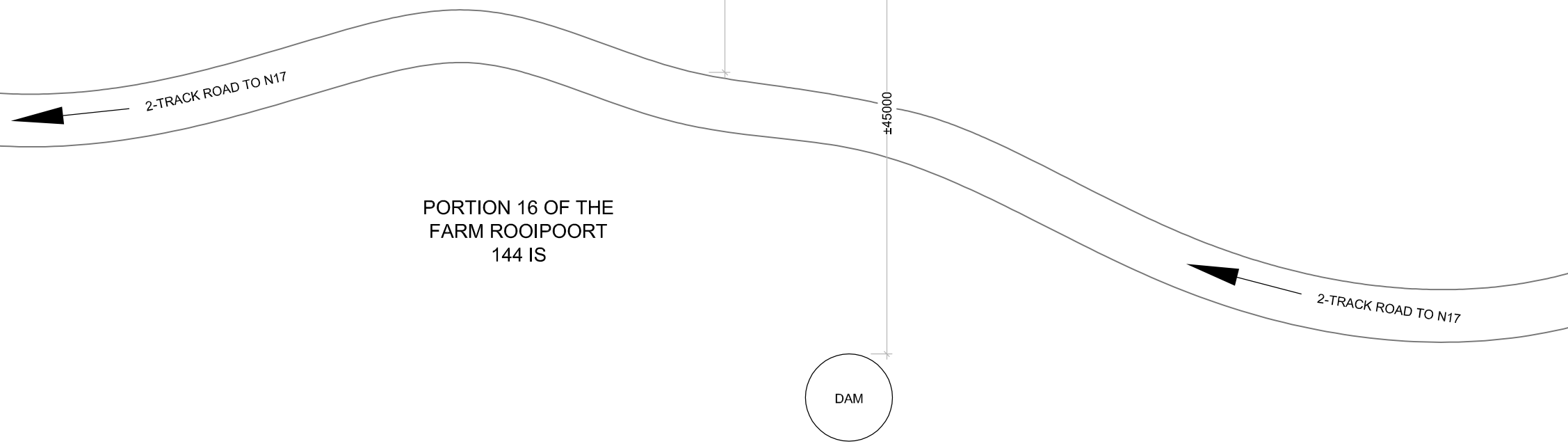
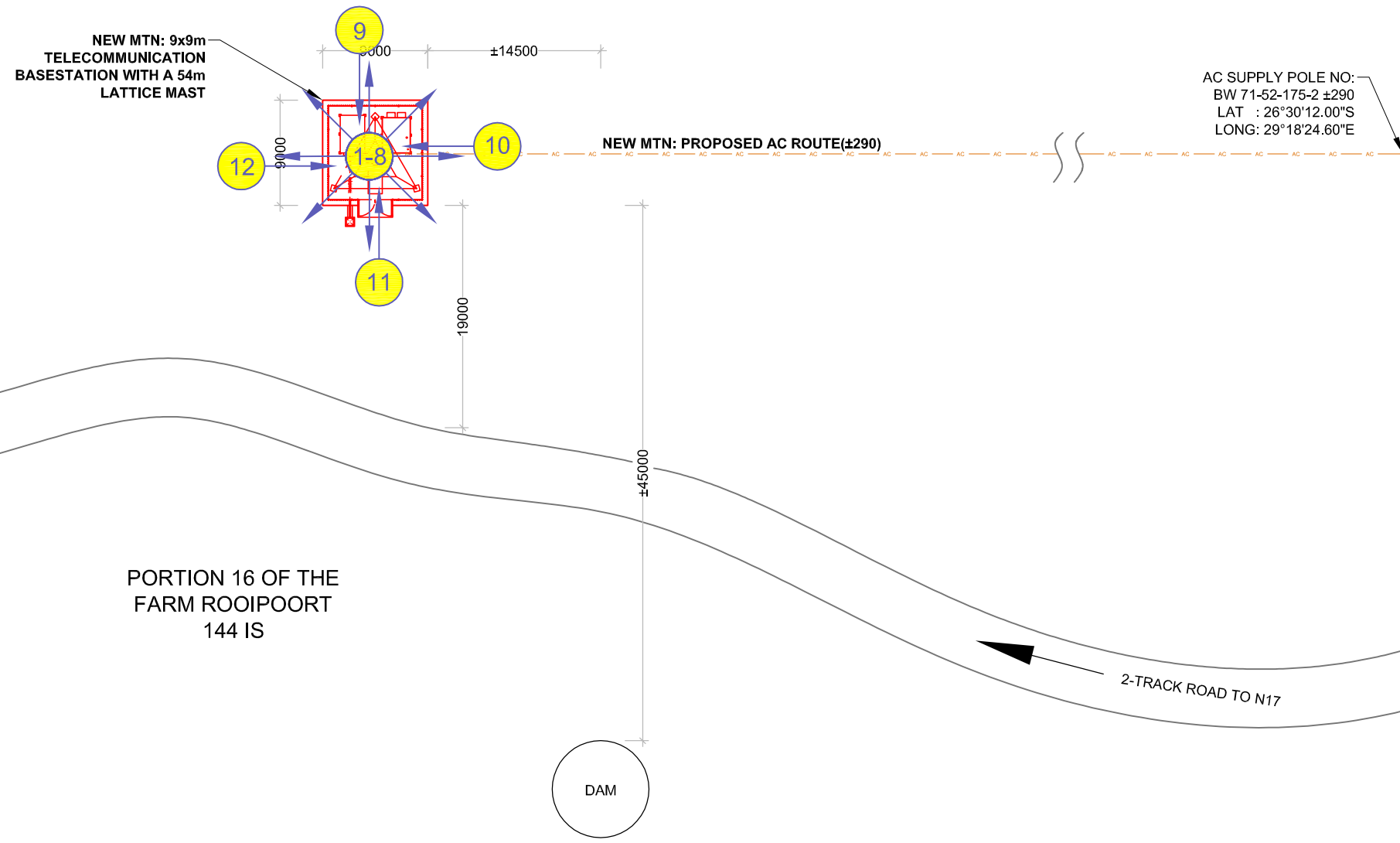
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SCALE: 1:500 REF. NO: 812/T9468

SITE PHOTOGRAPH  
SHEET 7 OF 10



# 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 East

# SITE PHOTOGRAPHS



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



**12. View on base station position direction West**

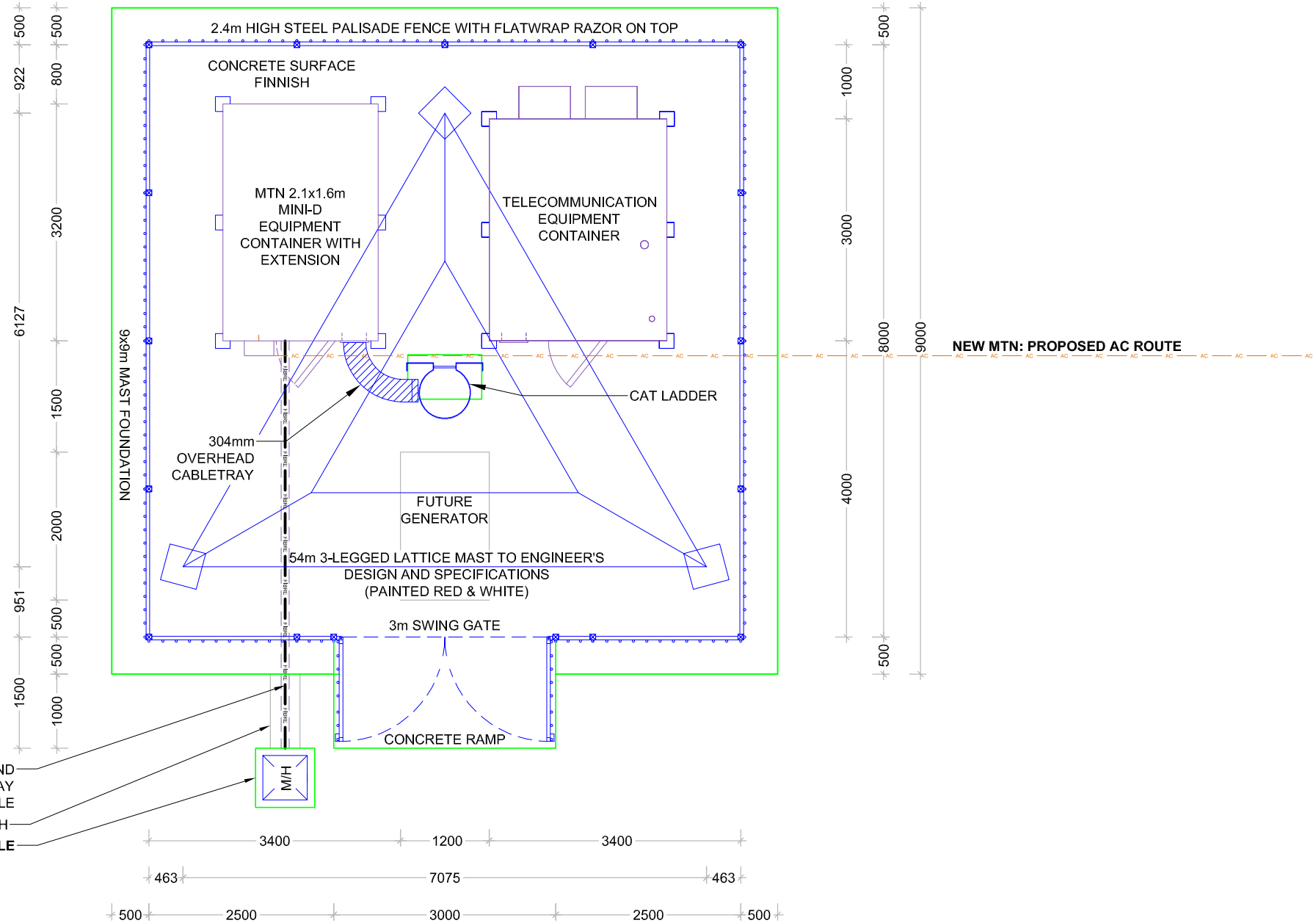
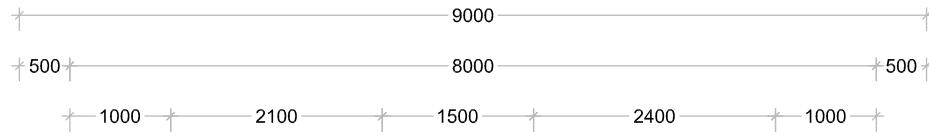
# SITE PHOTOGRAPHS



**13. General view on site establishment area**



## **Appendix C: Facility Illustrations**



PORTION 16 OF THE FARM ROOIPOORT 144 IS



1267 Pretorius Street  
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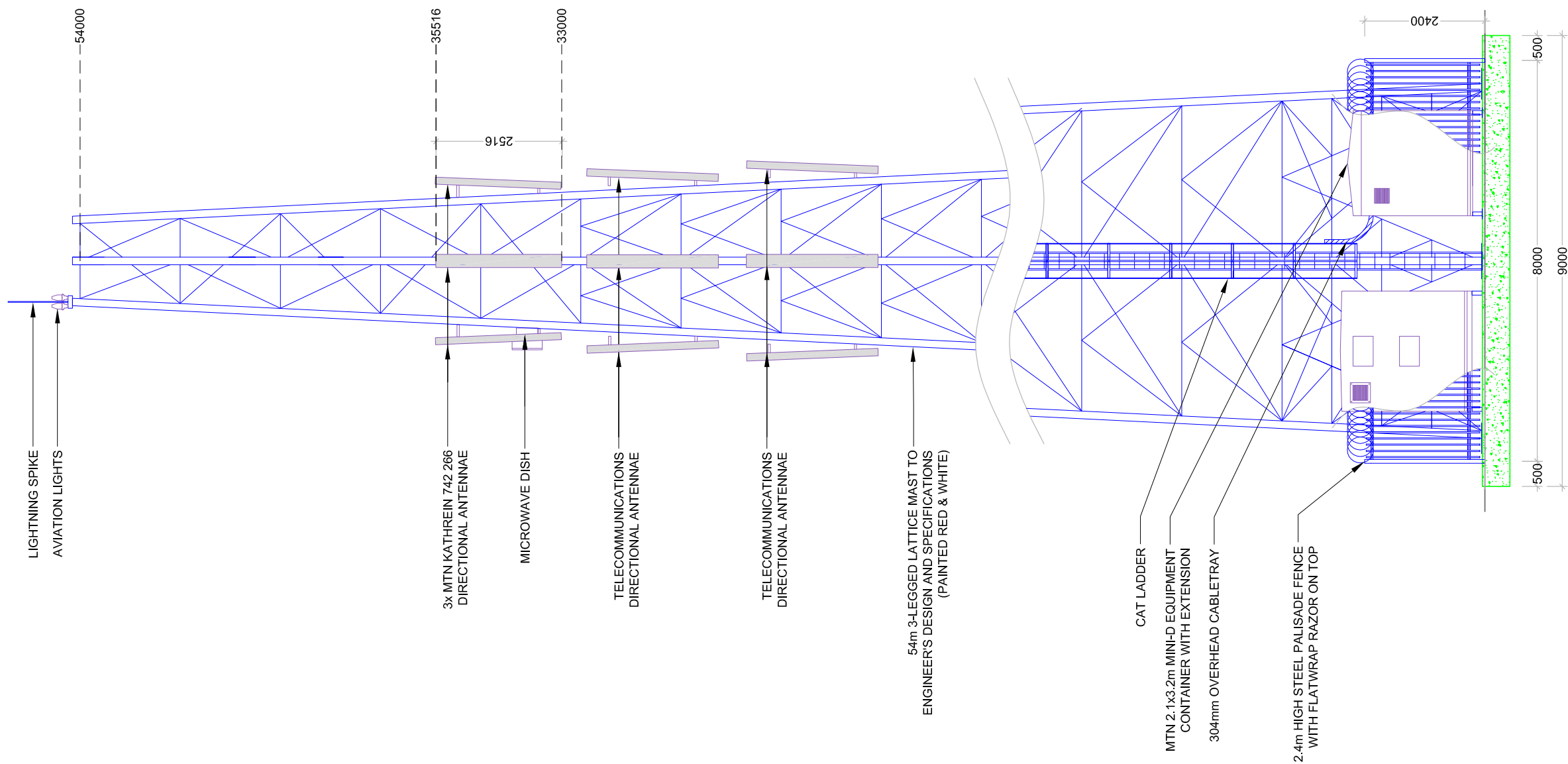
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SCALE: 1:75 REF. NO: 812/T9468

SITE DETAIL  
SHEET 8 OF 10

**MTN ANTENNAE KEY**

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH. TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	K742 266	33			7/8"	± 38
2	120°	K742 266	33			7/8"	± 38
3	240°	K742 266	33			7/8"	± 38



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SCALE: 1:100 REF. NO: 812/T9468

**NORTH ELEVATION  
SHEET 9 OF 10**



TYPICAL LATTICE MAST (PAINTED RED & WHITE)



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ADDRESS:  
OFF THE N17,  
TRICHARDT TO BETHAL 17km FROM TRICHARDT,  
MPUMALANGA



414 Rustic Road  
Silvertondale  
0184

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

P.O. Box 32017  
Totiusdal  
0134

RFQ NO.:  
155083

PROJECT NUMBER:  
119379

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: HENDRICK MAKINTA DATE: 29/11/2011  
SCALE: NTS REF. NO: 812/T9468

FACILITY ILLUSTRATION  
SHEET 10 OF 10

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

**Appendix E: Comments and responses report**

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

Site number:  
Site Name:  
EIA reference no.:

**T9468**  
**Rietfontein Plaas**  
**17/2/3 GS-100**

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	07/06/2012	The Municipal Manager	Govan Mbeki Local Municipality, Private Bag x 1017, Secunda, 2302	Mr LH Mathunyane, Environmental Management Section, Fax 017 634 8818	NA	Auto I&AP	No comments received	Sent Draft BAR
2	07/06/2012	The Ward Councillor	Govan Mbeki Local Municipality, Private Bag x 1017, Secunda, 2302	Clr MJ Mtsweni, Ward 15, Fax 017 634 8019	NA	Auto I&AP	No comments received	Sent Draft BAR
3	07/06/2012	The District Municipality	Gert Sibande District Municipality, PO Box 1748, Ermelo, 2350	Mr DV Ngcobo, Environmental Management Section, Fax: 017 811 1207	NA	Auto I&AP	No comments received	Sent Draft BAR
4	11/06/2012	SAHRA	South African Heritage Resources Agency, 111 Harrington str, Cape Town, 8000; PO Box 4637, Cape Town, 8000	Mr P Hine/Mrs Colette Scheermeyer, Tel: 0214624502, Fax: 0214624509, Email: phine@sahra.org.za	NA	Auto I&AP	No comments received	Sent Draft BAR
5	07/06/2012	SACAA	Private Bag x73, Halfway House 1685	Tel: (011) 545 1000 Fax: (011) 545 1451	NA	Auto I&AP	SACAA requires day & night markings	Paint mast red & white and instal red navigation lights on top.
6	07/06/2012	Mpumalanga Tourism & Parks Agency	Private Bag x 11338, Nelspruit, 1200	MTPA, Private Bag x 11338, Nelspruit, 1200	Public Notice	Auto I&AP	No comments received	Sent Draft BAR
7	25/01/2012	Owen Vernon Jevon	PO Box 505, Trichardt, 2300	Owen Vernon Jevon, PO Box 505, Trichardt, 2300, Email owen@dno.co.za, Cell 082 332 0253	Lease Negotiations	Land Owner	Signed Lease	Sent Draft BAR

**Appendix F: 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:

**17/2/3 GS-100**

*Portion 16 of the farm Rooipoort 144 IS*

*17/2/3 GS-100*

17 September 2012

## DOCUMENT APPRAISAL

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

**Department Reference Number: 17/2/3 GS-100**

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## **EXECUTIVE SUMMARY**

The proponent, MTN (Pty) Ltd, intends **the establishment of a 54m MTN (Pty) Ltd telecommunication mast on Portion 16 of the farm Rooipoort 144 IS, Govan Mbeki Local Municipality**

The Department of [insert department details] 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 54m MTN (Pty) Ltd telecommunication mast painted red & white on Portion 16 of the farm Rooipoort 144 IS, Govan Mbeki Local Municipality**

**Torbiose Solutions** 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 **red & white in accordance with that stated in ROD/EA and in accordance with Civil Aviation Authority requirements.**

### 3.15 Complaints Register

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

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

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

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

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

## 4 ENVIRONMENTAL SPECIFICATIONS: OPERATIONAL PHASE

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

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

### 4.1.1 Maintenance

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

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

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

## 5 ENVIRONMENTAL SPECIFICATIONS: DECOMMISSIONING PHASE

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

The Applicant will be responsible for the following:

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

### 5.1.1 Procedure

Procedure to be followed when decommissioning a BTS site.

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

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

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

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

#### **Tower**

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

#### **Feeder System**

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

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

#### **Fencing and Guardrails**

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

#### **Container**

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

#### **Site Rehabilitation**

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

#### **Dumping**

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

#### **Records**

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



## 6 EMERGENCY RESPONSE PLAN

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

### 6.1 Typical remedial work options

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

Observation or Event	Action by ESA	Action by Contractor
Spillage of diesel or hydrocarbons on soil	<p>Report to ESA and continue observations.</p> <p><b>Also check:</b></p> <ul style="list-style-type: none"> <li>➤ That the source causing the spillage is decommissioned, and that the affected area is isolated to prevent spreading of the hazardous substance</li> </ul>	<p>Action will be required asap by following the next steps:</p> <ul style="list-style-type: none"> <li>➤ Dig down into the soil to see how far down the pollution has penetrated;</li> <li>➤ If penetration is less than 300mm:               <ol style="list-style-type: none"> <li>a. Turn the soil over to expose it to the air;</li> <li>b. Apply Mono Ammonium Phosphate (MAP) at a rate of 58gr/m<sup>2</sup> to the dug up soil</li> <li>c. Water enough to keep the soil moist</li> </ol> </li> <li>➤ If penetration is greater than 300mm:               <ol style="list-style-type: none"> <li>a. Remove the affected soil and spread in a layer not more than 300mm thick;</li> <li>b. Apply MAP at a rate of 50gr/m<sup>2</sup></li> <li>c. Water enough to keep the soil moist</li> </ol> </li> <li>➤ Repeat the above steps every 6 weeks or until the soil is clean</li> </ul>
General Surface Erosion	<p>Report to ESA and continue observations.</p> <p><b>Also check:</b></p> <ul style="list-style-type: none"> <li>➤ 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.</li> </ul>	<p>Action will be required asap:</p> <ul style="list-style-type: none"> <li>➤ Implement erosion protection works at identified problem areas;</li> <li>➤ Implement remedial works to be done at affected areas in order to restore the area to its previous or better status.</li> </ul>

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 G1: Public Participation and Other Information**

**G1(a) – Public Participation - Proof of Site Notice**

**G1(b) – Public Participation – Proof of Written Notices to I&AP**

**G1(c) - South African Civil Aviation Authority Information**

**G1(d) – Public Participation – Proof of Newspaper Advertisement**

**G1(e) – Register of Interested and Affected Parties**

**G1(a) – Proof of Site Notice**

# Proof of Site Notice



**Site Notice 1 affixed to temporary stand next to property fence**



**Site Notice 1 affixed to temporary stand next to property fence**

# Proof of Site Notice



**Site Notice 1 affixed to temporary stand next to property fence**



**Site Notice 2 affixed to temporary stand next to access road**

# Proof of Site Notice



**Site Notice 2 affixed to temporary stand next to access road**



**Site Notice 2 affixed to temporary stand next to access road**

# Proof of Site Notice



**Site Notice 3 affixed to temporary stand next to gate**



**Site Notice 3 affixed to temporary stand next to gate**



# Proof of Site Notice



**Site Notice 3 affixed to temporary stand next to gate**

**G1(b) – Proof of Written Notices**

Our Reference:  
T9468 / 17/2/3 GS-100

7 June 2012

The Municipal Manager  
Govan Mbeki Local Municipality  
Private Bag x 1017  
Secunda  
2302

Attention: Mr L H Mathunyane

Environmental Management Section

Facsimile: +27 17 634 8818



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), (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 16 OF THE FARM ROOIPOORT 144 IS**

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 "WA Van't Foort".

**WA VAN'T FOORT**

For: Torbiouse Solutions cc

**Comments:**

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Destination	Start Time	Time	Prints	Result	Note
0176348818	06-11 12:47	00:05:13	011/011	OK	

Note TMR: Timer TX, POL: Polling, ORG: Original Size Setting, FME: Frame Erase TX,  
 MX: Mixed Original TX, CALL: Manual TX, CSAC: CSAC, FWD: Forward, PC: PC-Fax,  
 BND: Double-Sided Binding Direction, SP: Special original, FCODE: F-code, RTX: Re-TX,  
 RL: Relay, MEX: 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:  
 T9488 / 17/2/3 GS-100

7 June 2012

The Municipal Manager  
 Govan Mbeki Local Municipality  
 Private Bag x 1017  
 Secunda  
 2302

Attention: Mr L H Mathunyane

Environmental Management Section

Facsimile: +27 17 634 8818



Reg. No. 2001/060635/23

PO Box 32017, Totterdell, 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), (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 16 OF THE FARM ROOPOORT 144 IS**

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

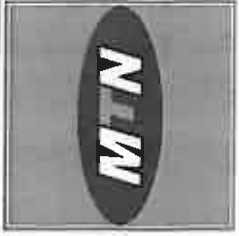
We request you to evaluate the attached information on the proposed project and provide us with your written comments and/or inputs, if any, by faxing or e-mailing such within 30 days from the date of this notification. It will be assumed that you do not have any comments on the Environmental Application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

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

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



1887 Pekaia Street,  
 Block 8, Havelock Complex  
 Havelock, 6023  
 Tel: +27 (0) 343 9009  
 Fax: +27 (0) 343 9008  
 P.O. Box 3207  
 Tlokoeng  
 0154

**SITE NAME:** RIETFONTein PLAAS

**BASE STATION NUMBER:** T9468

REV	DATE	BY	DESCRIPTION
A	28/11/2011	HM	FIRST ISSUE
B	19/01/2012	HM	ANTENNAE HEIGHT REVISED

**NOTES:**  
 OWNER: JEVON OWEN VERNON

STRICTLY COMPANY CONFIDENTIAL

**PROPERTY DESCRIPTION:**  
 PORTION 18 OF THE FARM ROOPOORT 144 IS

**COORDINATES:**  
 LAT : 29° 30' 13.73" S  
 LONG : 29° 18' 15.27" E

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

**ADDRESS:**  
 OFF THE N7,  
 TRICHARDT TO BETHAL 17km FROM TRICHARDT,  
 MPMALANICA



414 Riebeeck Road  
 Bainsvlei  
 B104  
 Tel: +27 (0) 21 804 1824/8  
 Fax: +27 (0) 21 804 7072  
 info@ipsengines.co.za

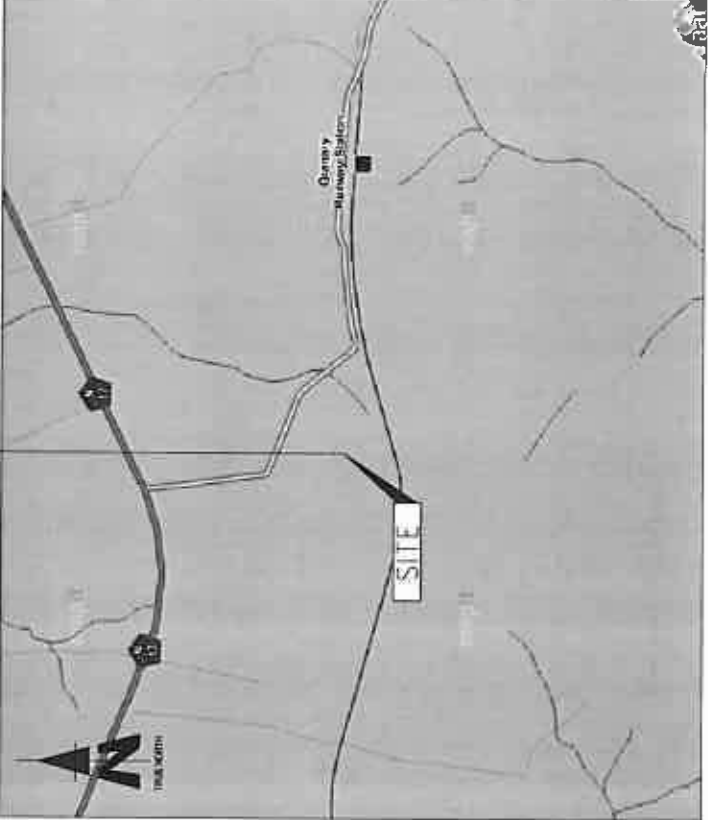
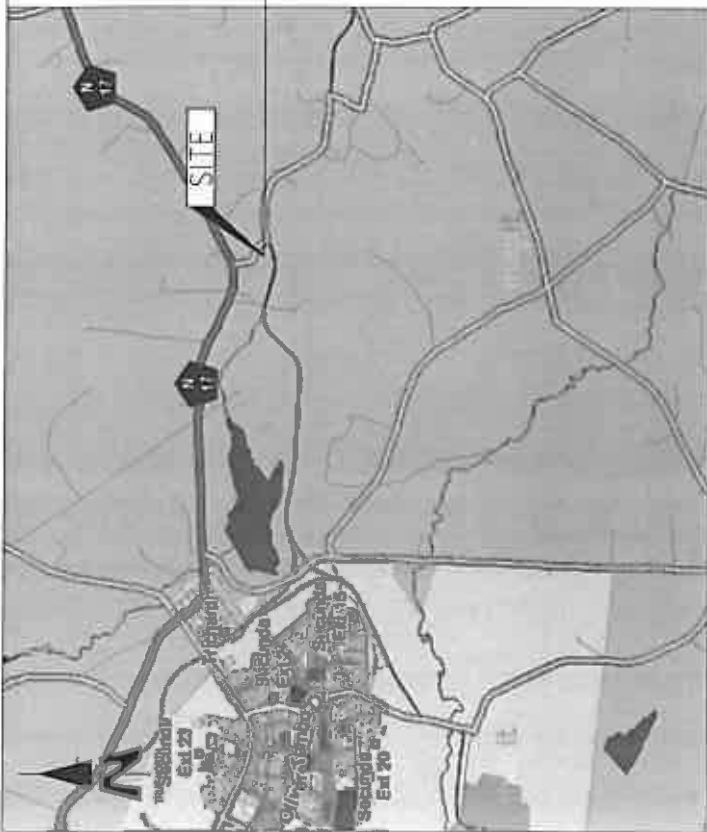
**RFO NO.:** 155083  
**PROJECT NUMBER:** 119378

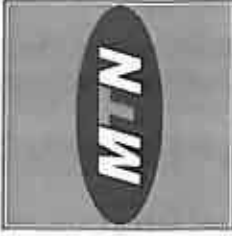
**DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.**  
**ALL WORK TO BE PERFORMED ACCORDING TO MTN B76 SITE INFRASTRUCTURE SPECIFICATION 000 (7/01) ISSUE 1 (REVISION 0 NOVEMBER 2007)**

**DRAWN:** HENDRICK MAKORTA **DATE:** 28/11/2011  
**SCALE:** NTS **REF. NO:** 812/TM488

**LOCALITY MAP**  
**SHEET 1 OF 10**

**T9468**  
**RIETFONTein PLAAS**





1287 Pekaia Road  
 Block 8, Havelock Complex  
 Havelock City  
 1601  
 T: +27 (0) 21 545 5000  
 F: +27 (0) 21 545 5000

**RIEFONTEIN PLAAS**

T9468

REV	DATE	BY	DESCRIPTION
A	29/11/2011	HM	FIRST ISSUE
B	13/01/2012	HM	ANTENNAE HEIGHT REVISED

NOTES:  
 OWNER: REVON OWEN VERNON

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION:  
 PORTION 18 OF THE FARM ROOPOORT 144 IS

COORDINATES:  
 LAT : 26° 30' 13.73" S  
 LONG : 28° 18' 15.27" E

PROJECT:  
 NEW 900m TELECOMMUNICATION BASESTATION WITH  
 A 34m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:  
 OFF THE MTN  
 ROAD TO BETHAL 17km FROM TRICHARDT,  
 WUPANAUWA



411 Roodi Road  
 Breda  
 0184  
 T: +27 (0) 21 545 5000  
 F: +27 (0) 21 545 5000  
 info@ipsplanning.co.za

RFQ NO.: 150081  
 PROJECT NUMBER:  
 119378

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'S SITE  
 INFRASTRUCTURE SPECIFICATION 1801/1901  
 ISSUE 1 (VERSION 1 NOVEMBER 2007)

DRAWN: HENDRICK MARINKA DATE: 29/11/2011  
 SCALE: NTS

CADASTRAL INFO  
 SHEET 2 OF 10

L.G. No. A 5853/31

Cartographer

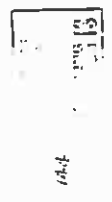
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 Landmeter-Confidant

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CD	891.8	-11801.1
DE	1182.9	-11881.8
EF	1807.8	-11939.4
FA	3444.2	-12000.4

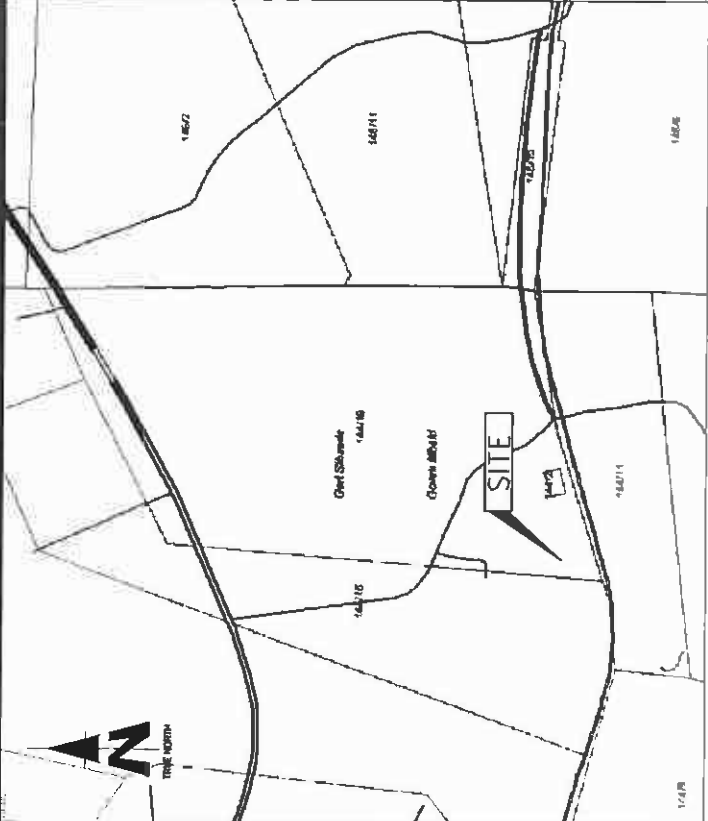
  

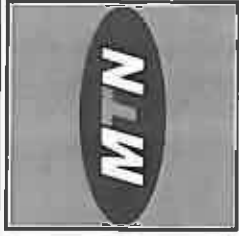
LIJNEN	EG-COORDINATE
GH	1194.9
HJ	121.8
JK	184.8
KO	133.0
KL	307.3
LM	738.0

Baanhuis 80 No. 8822/2004 Breda van Breda,  
 A B C D E F I HULLE VERVAAL IN WUPANAUWA,  
 I VERVAAL IN BETHAL,  
 D  
 C H K I VERVAAL IN BETHAL.



af met van  
 van die plaas  
 PROVISIE TRANSVAAL  
 4m 87  
 10000  
 Die kommissie laam in No. A 1778/14  
 gelyk was *Handwritten*  
 No. 153/1996  
 has gemaak van  
 Registrasie van Akte  
 1463/13  
 Die kommissie laam in No. A 1778/14  
 gelyk was *Handwritten*  
 No. 153/1996  
 has gemaak van  
 Registrasie van Akte  
 1463/13





1287 Riverside Blvd  
 Hillside, Gauteng  
 0184  
 Tel: +27 (0)11 252 2000  
 Fax: +27 (0)11 252 8008  
 Personal Guide 146  
 Product 101  
 Brand 101

SITE NAME: RIETFontein PLAAS

BASE STATION NUMBER: T9468

REV	DATE	BY	DESCRIPTION
A	28/11/2011	HM	FIRST ISSUE
B	19/01/2012	HM	ANTENNAE HEIGHT REVISED

NOTES:  
 OWNER: JEYON OWEN VERRON

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION:  
 PORTION 16 OF THE FARM ROOIPPOORT 144 IS

COORDINATES:  
 LAT : 28° 30' 13.73" S  
 LONG : 28° 18' 15.23" E

PROJECT:  
 NEW 89m TELECOMMUNICATION BASESTATION WITH  
 A 54m LATTICE MAST FOR MTN (PTY)LTD

ADDRESS:  
 OFF THE N17,  
 TRICHARDT TO BETHAL 17km FROM TRICHARDT,  
 MPUMALANGA



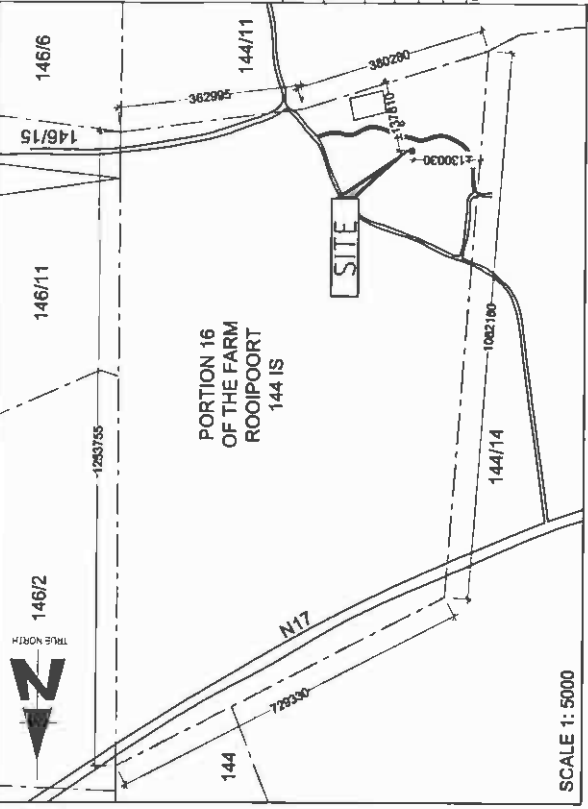
111 Riverside Blvd  
 Johannesburg  
 0184  
 Tel: +27 (0)11 252 2000  
 Fax: +27 (0)11 252 8008  
 Personal Guide 146  
 Product 101  
 Brand 101

RFO NO.: 155083  
 PROJECT NUMBER:  
 119379

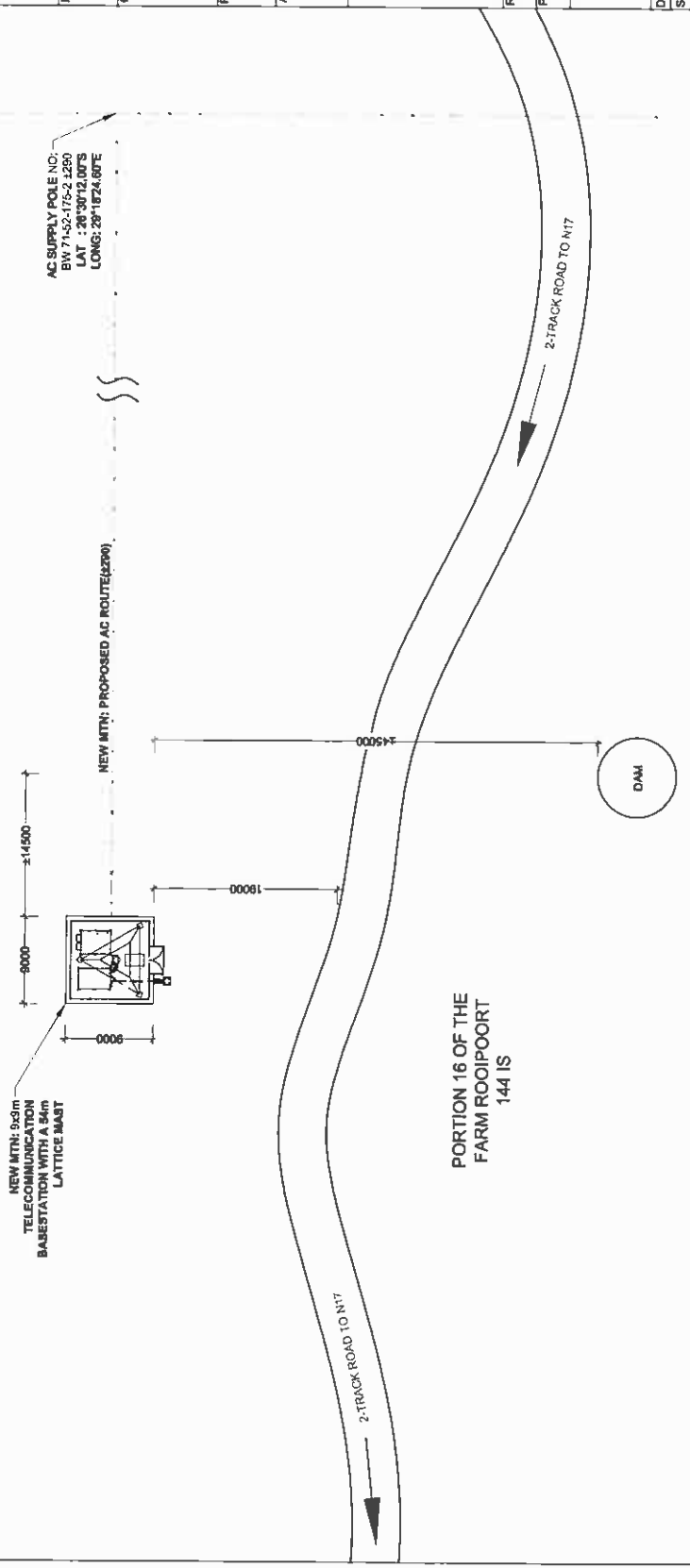
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 ALL WORK TO BE PERFORMED ACCORDING TO MTN BTR 816 INFRASTRUCTURE SPECIFICATION R01/1/01 ISSUE 1 (REVISED 06 NOVEMBER 2007)

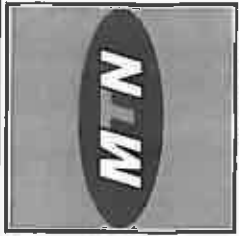
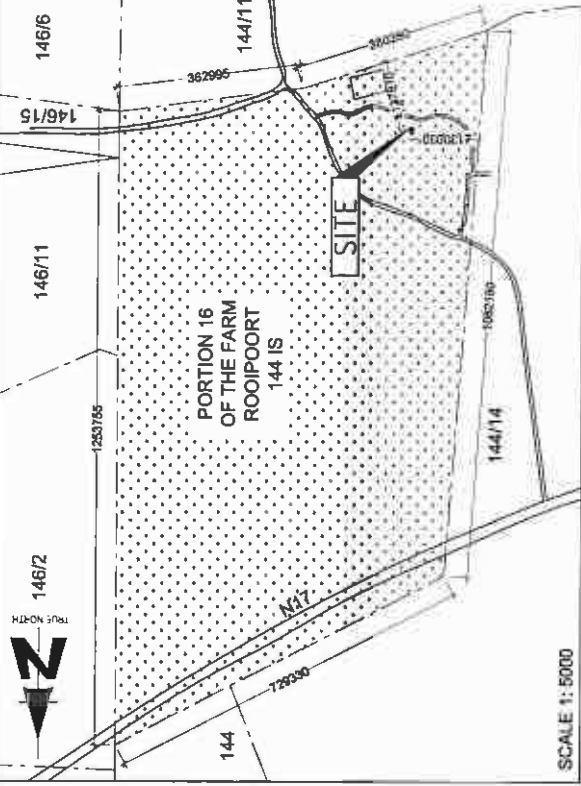
DRAWN: HEENDRICK MAKINTA DATE: 28/11/2011  
 SCALE: 1:500 REF: NO: B12/T9468

SITE DEVELOPMENT PLAN  
 SHEET 3 OF 10



SCALE 1: 5000





1500 De Wet Street  
 Block B, Informal Computer  
 Hardware, 0003  
 Pretoria 0001  
 Tel: +27 (0)11 342 0000  
 Fax: +27 (0)11 401 0200  
 www.mtn.co.za

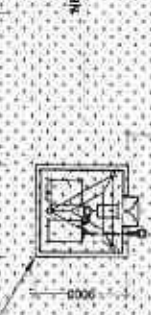
SITE NAME: RIETFOONTEIN PLAAS

BASE STATION NUMBER: T9468

REV	DATE	BY	DESCRIPTION
A	20/11/2011	MM	FIRST ISSUE
B	08/01/2012	MM	ANTENNAE HEIGHT REVISD

NOTES:  
 OWNER: RICH OWEN-YERMIN

NEW 90m TELECOMMUNICATION BASESTATION WITH A 5m LATTICE MAST



NEW 17m PROCESSIONARY ANTENNAZOO

AC SUPPLY POLE NO: 144/14/1523 2450  
 LAT: 26 39 12.007 S  
 LONG: 28 18 42.607 E

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION:  
 PORTION 16 OF THE FARM ROOIPOORT 144 IS

COORDINATES:  
 LAT: 26 39 12.007 S  
 LONG: 28 18 42.607 E

PROJECT:  
 NEW 90m TELECOMMUNICATION BASESTATION WITH A 5m LATTICE MAST FOR MTN (PT) LTD

ADDRESS:  
 OFF THE N7,  
 100m TO BETHAL, 17km FROM TRICHARDZ,  
 MPMUNALANDA



111 South Street  
 Sandton  
 Johannesburg  
 2000  
 Tel: +27 (0)11 884 5000  
 Fax: +27 (0)11 884 5000  
 www.ipsinfra.com

PROJECT NUMBER:  
 T9468

DRAWINGS MUST NOT BE COPIED, ONLY QUALIFIED ENGINEERS TO BE  
 USED, DRAWINGS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT  
 OF WORK.  
 ALL WORK TO BE PERFORMED ACCORDING TO NATIONAL SITE  
 INVESTIGATION AND ASSESSMENT  
 REGULATIONS (SANS 10249:2001)

PREPARED BY: HETTERICK MOKONTA [DATE: 20/11/2011]  
 SCALE: 1:5000 REF. NO: B12/T0468

LEGEND

AGRICULTURAL

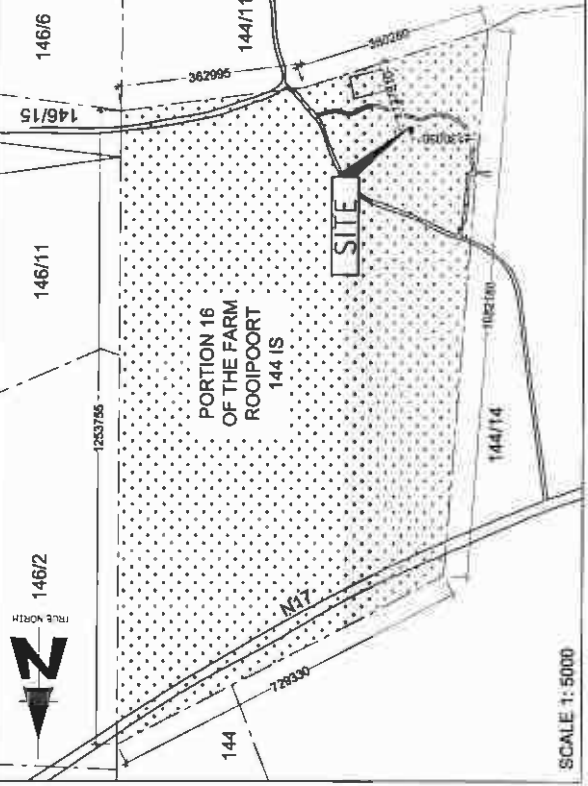




TRUE NORTH

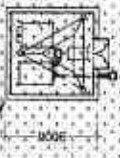


TRUE NORTH



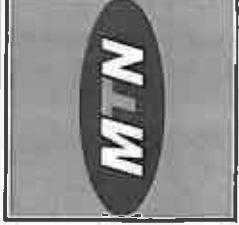
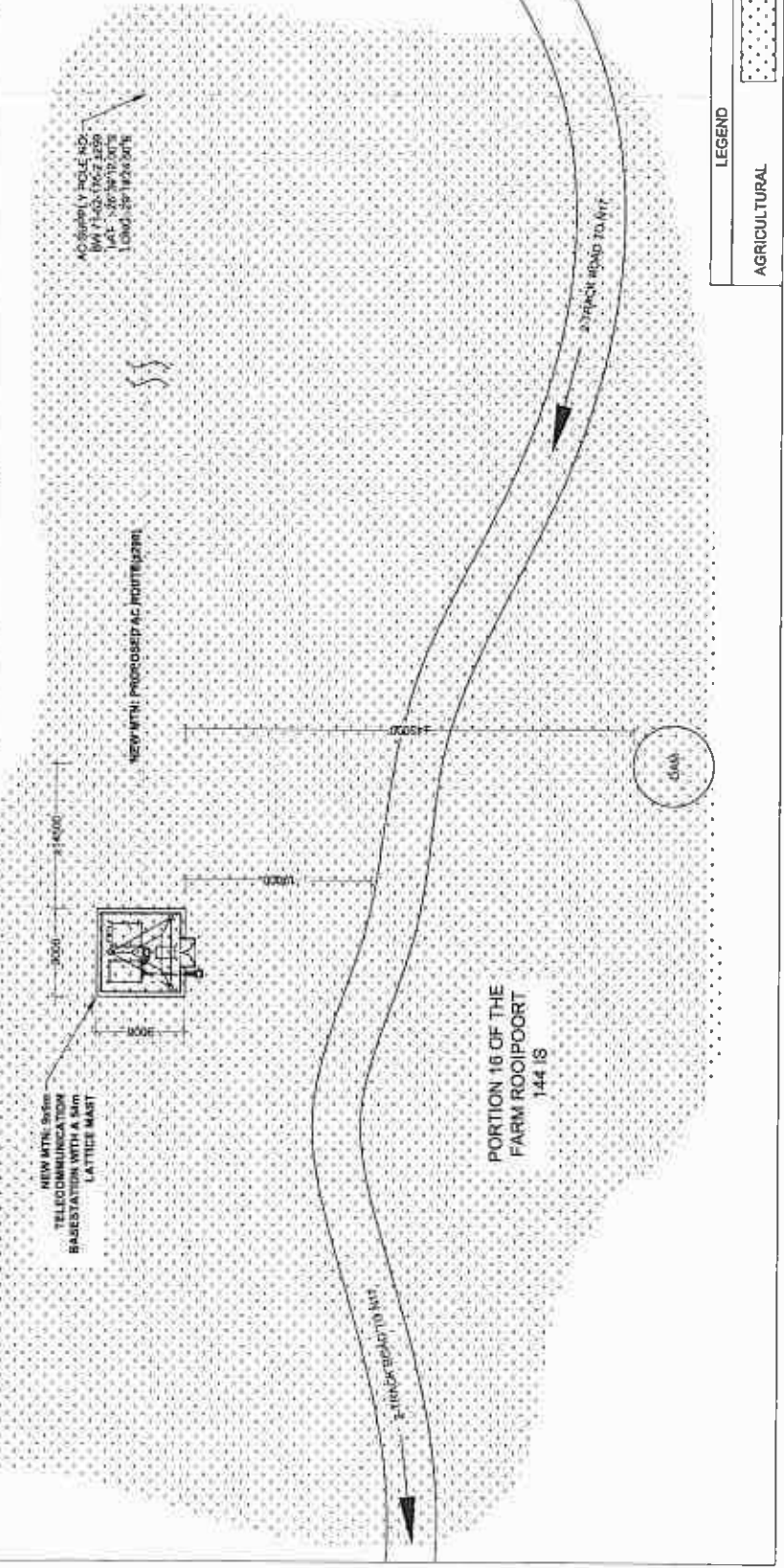
SCALE 1: 5000

NEW MTR: 955mm TELECOMMUNICATION BASESTATION WITH A 3mm LATTICE MAST



NEW MTR: PROPOSED AC ROUTING

AC SUPPLY POLE NO: BM 144-1062-1009 LAT: 28° 59' 30" S LONG: 28° 18' 22" E



25% Private Owner  
100% Infrastructure Company  
Head Office  
Rietfontein  
Tel: +27 (0)11 851 1000  
Fax: +27 (0)11 851 1000  
Private Sales 148  
Private Sales 149  
Private Sales 150  
Private Sales 151

SITE NAME: RIETFONTAIN PLAAS

BASE STATION NUMBER: T9468

REV	DATE	BY	DESCRIPTION
A	20/11/2011	HM	FIRST ISSUE
B	18/04/2012	HM	ANTENNAE HEIGHT INCREASED

NOTES:  
OWNER: JHOHNSON/MTN

STRICTLY COMPANY CONFIDENTIAL  
PROPERTY DESCRIPTION:  
PORTION 16 OF THE FARM HICKOORT 144 IS

COORDINATES:  
LAT: 28° 59' 30" S  
LONG: 28° 18' 22" E

PROJECT:  
NEW 955mm TELECOMMUNICATION BASESTATION WITH  
A 3mm LATTICE MAST FOR MTR T9468

ADDRESS:  
OFF THE RST,  
RICHARD TOBTWAL 17km FROM TRICHARDT,  
MPUMALANGA



411 Roodi Road  
Durbanville  
Tel: +27 (0)21 861 1808  
Fax: +27 (0)21 861 1807  
Mobile: +27 (0)83 362 2500

IPID NO: 159183

PROJECT NUMBER: 118379

DRAWINGS SHALL NOT BE SIGNED OR SEALED UNLESS ALL INFORMATION IS THE PROPERTY OF THE CLIENT AND ALL INFORMATION IS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.

DRAWN: HEHRICK/AMINTA

DATE: 20/11/2011

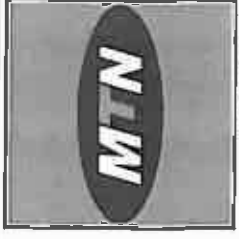
SCALE: 1:5000

REF. NO: B12/DP468

LEGEND

AGRICULTURAL

CURRENT LAND USE  
SHEET 5 OF 10



1987 Pretoria Office  
 Block 9, Hertzogenbosch Complex  
 Hatfield, 0083  
 Tel: +27 (0) 11 311 5000  
 Fax: +27 (0) 11 311 5000  
 P.O. Box 32017  
 1016  
 Johannesburg  
 2013

**SITE NAME:** RIETFontein PLAAS  
**BASE STATION NUMBER:** T9468

REV	DATE	BY	DESCRIPTION
A	28/11/2011	HM	FIRST ISSUE
B	19/01/2012	HM	ANTENNAE HEIGHT REVISED

**NOTES:**  
 OWNER: JEVON OWEN VERNON

**PROPERTY DESCRIPTION:**  
 STRICTLY COMPANY CONFIDENTIAL  
 PORTION 18 OF THE FARM ROOPOORT 144 IS

**COORDINATES:**  
 LAT : 28° 36' 10.73" S  
 LONG : 29° 18' 15.23" E

**PROJECT:**  
 NEW 819m TELECOMMUNICATION BASESTATION WITH  
 A 64m LATTICE MAST FOR MTN (PTY), LTD

**ADDRESS:**  
 OFF THE M17,  
 TRICHARDT TO BETHAL, 17km FROM TRICHARDT,  
 MPMALANGA

**INFRASTRUCTURE PLANNING SERVICES**

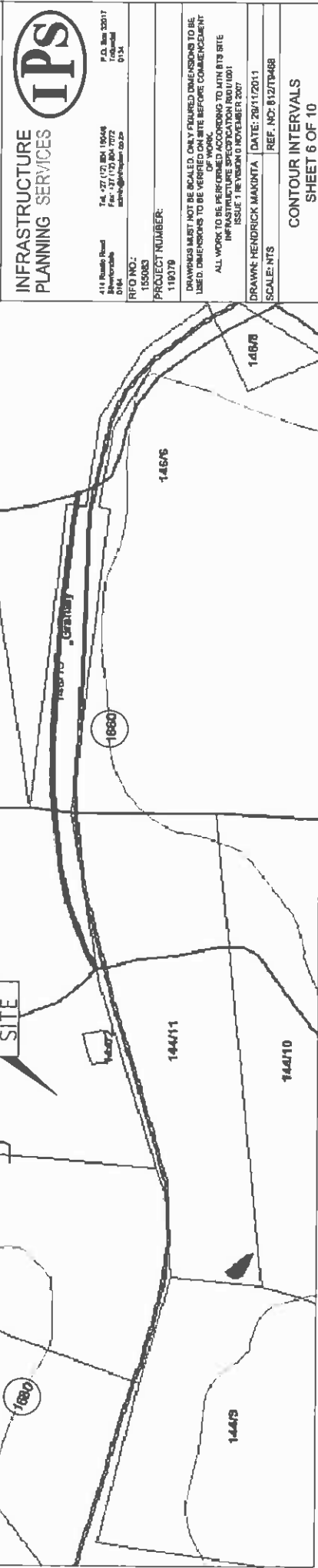


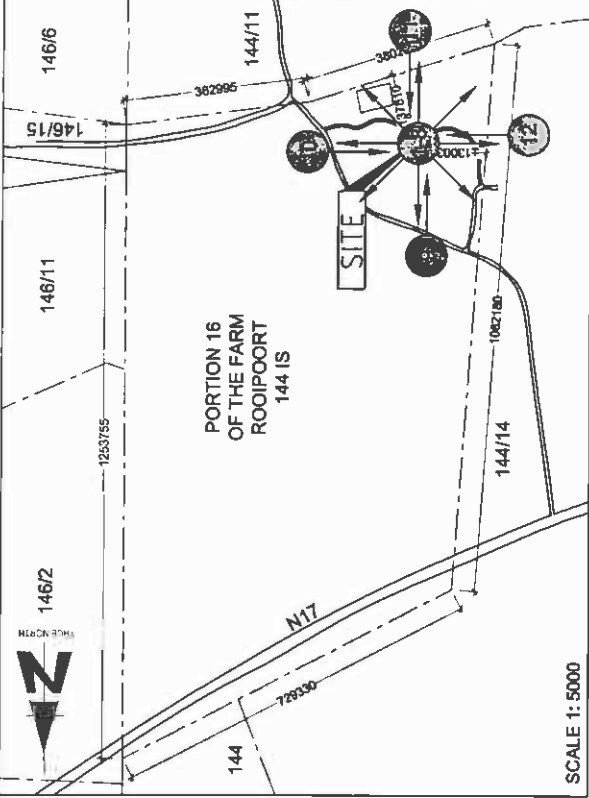
411 Randa Road  
 Boksburg  
 1461  
 Tel: +27 (0) 11 5648  
 Fax: +27 (0) 11 5648  
 Email: ips@ipsnet.co.za

**RFD NO.:** 155083  
**PROJECT NUMBER:** 119379

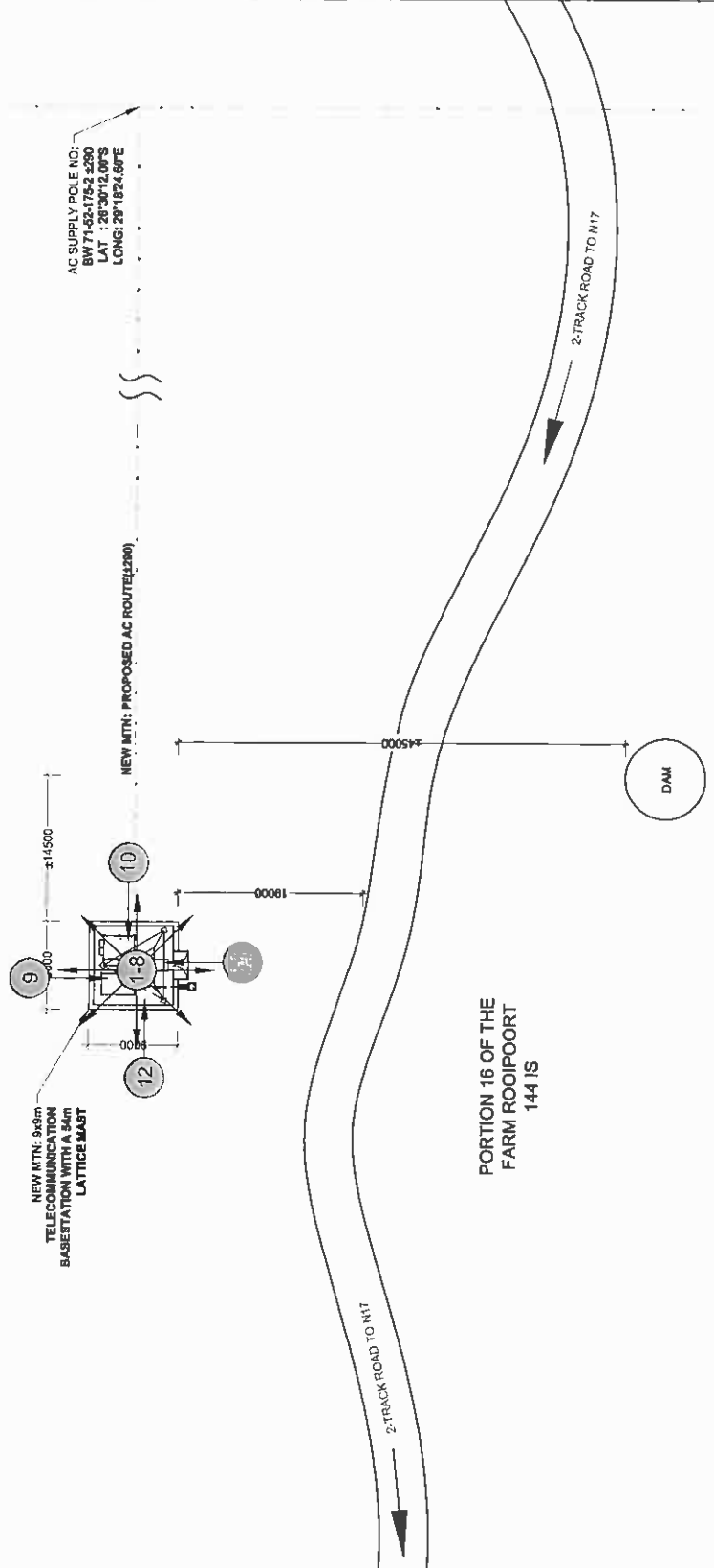
**DRAWN:** HENDRICK MAKONTA | **DATE:** 28/11/2011  
**SCALE:** NTS | **REF. NO.:** 812/T9468

**CONTOUR INTERVALS**  
 SHEET 6 OF 10

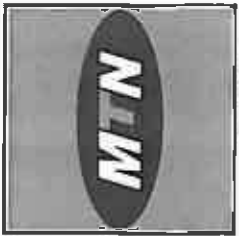




SCALE 1: 5000



AC SUPPLY POLE NO:  
BW 71-02-175-2-2200  
LAT : 28°30'12.00"S  
LONG: 29°18'24.50"E



1997 Richards Bay  
Road 8, Richards Bay  
Durban, 0880  
Tel: 031 312 1111  
Fax: 031 312 1111  
www.mtn.co.za

PROJ: 08011427000  
REV: 01  
DATE: 28/11/2011  
BY: HM  
DESCRIPTION: FIRST ISSUE

REVISIONS:  
REV: 01  
DATE: 28/11/2011  
BY: HM  
DESCRIPTION: FIRST ISSUE

REVISIONS:  
REV: 02  
DATE: 19/01/2012  
BY: HM  
DESCRIPTION: ANTENNAE HEIGHT REVISED

NOTES:  
OWNER: JEVON OWEN VERNON

SITE NAME: RIETFontein PLAAS

BASE STATION NUMBER: T9468

STRICTLY COMPANY CONFIDENTIAL  
PORTION 16 OF THE FARM ROOIPOORT 144 IS

COORDINATES:  
LAT : 28° 30' 13.73" S  
LONG : 29° 18' 15.23" E

PROJECT:  
NEW 948m TELECOMMUNICATION BASESTATION WITH  
A 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:  
OFF THE MTN,  
RICHARDS BAY  
MPUMALANGA

INFRASTRUCTURE  
PLANNING SERVICES



411 Randa Road  
Springs  
Gauteng  
Tel: +27 (12) 804 15048  
Fax: +27 (12) 804 1072  
www.ipsafrica.co.za

P.O. Box 20017  
Touwsburg  
0154

RFO NO: 159083

PROJECT NUMBER:  
118379

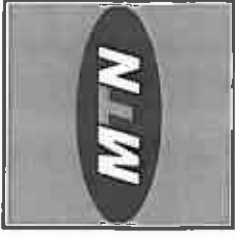
DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.

ALL WORK TO BE PERFORMED ACCORDING TO MTN 878 SITE INFRASTRUCTURE SPECIFICATION (R001/1001 ISSUE 1) (28/08/2010 NOVEMBER 2011)

DRAWN: HENDRICK MAKINTA | DATE: 28/11/2011

SCALE: 1:500 | REF. NO: 812/TM468

SITE PHOTOGRAPH SHEET 7 OF 10



1927 Pekaia Street  
 Block 19, Hendrickson Corporate  
 Havelock, 0603  
 Tels: +27 (0) 843 8008  
 Fax: +27 (0) 343 8006  
 Private Mail Bag 115  
 Havelock Park

SITE NAME:

RIETFontein PLAAS

BASE STATION NUMBER:  
 T9468

REV	DATE	BY	DESCRIPTION
A	29/11/2011	HM	FIRST ISSUE
B	19/01/2012	HM	ANTENNAE HEIGHT REVISED

NOTES:  
 OWNER: JEVON OWEN VERONIK

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION:  
 PORTION 16 OF THE FARM ROOIPPOORT 144 IS

COORDINATES:  
 LAT : 29° 30' 13.73" S  
 LONG : 29° 18' 15.23" E

PROJECT:  
 NEW 8x9m TELECOMMUNICATION BASESTATION WITH  
 A 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:  
 414 RUMBLE CAMP  
 TRICHARDT TO BETNAL, 17km FROM TRICHARDT,  
 MPUMALANGA



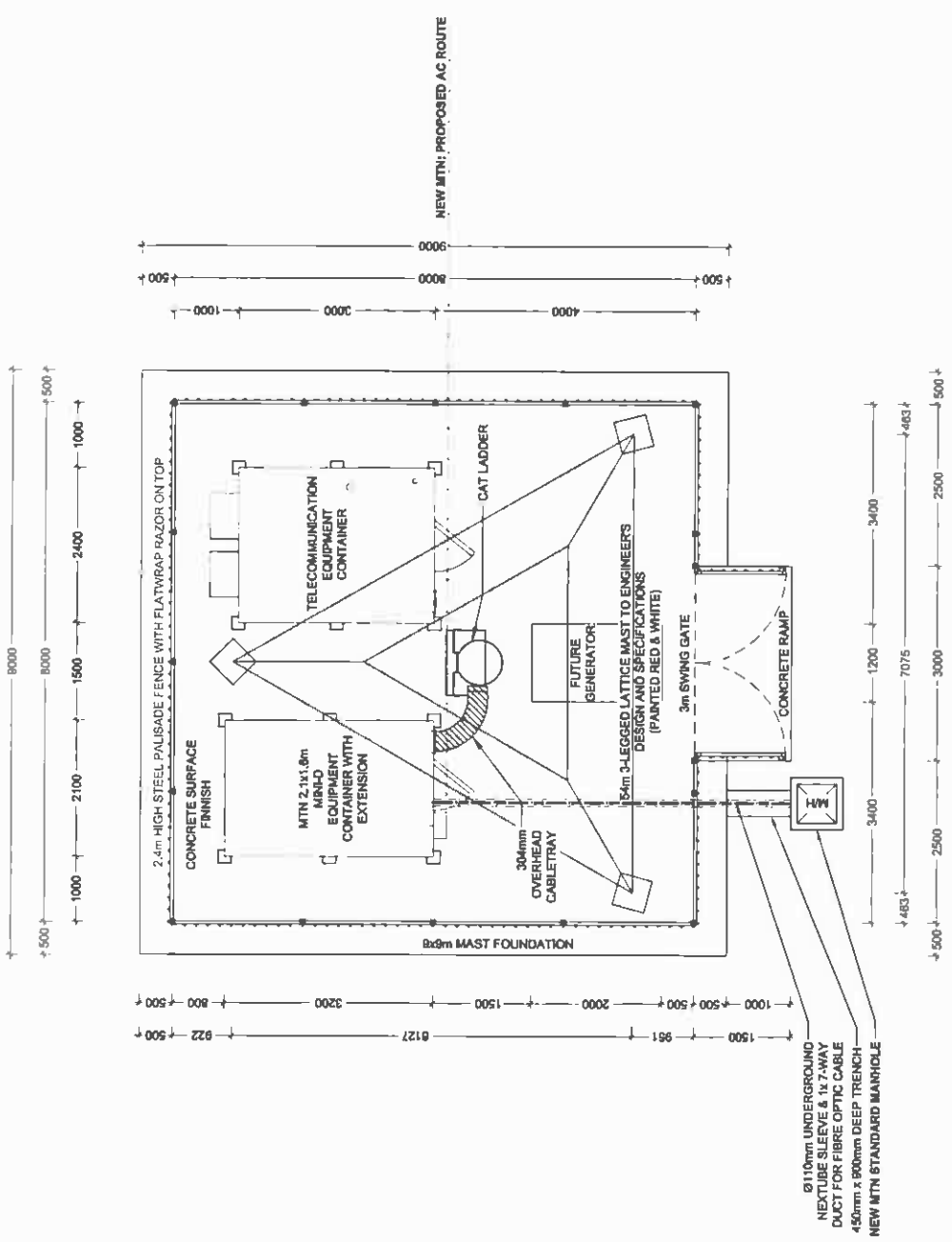
414 Rumble Camp  
 Trichardt  
 P.O. Box 32017  
 Tlokeleng  
 0154  
 Tels: +27 (0) 804 19048  
 Fax: +27 (0) 804 7072  
 info@ipseng.com

RFD NO.:  
 155003

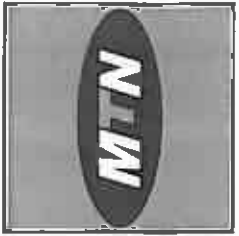
PROJECT NUMBER:  
 118379

DRAWN: HENDRICK MANINTA | DATE: 29/11/2011  
 SCALE: 1:75

SITE DETAIL  
 SHEET 8 OF 10



PORTION 16 OF THE FARM  
 ROOIPPOORT 144 IS



1287 Hendrik Street  
 Block 8, Hendrikas Complex  
 Hatfield, 0102  
 Tel: +27 (12) 542 2600  
 Fax: +27 (12) 542 8009  
 Private Bag 415  
 Mowbray Park

SITE NAME: **RIETFontein PLAAS**  
 BASE STATION NUMBER: **T9468**

REV	DATE	BY	DESCRIPTION
A	28/11/2011	HM	FIRST ISSUE
B	19/01/2012	HM	ANTENNAE HEIGHT REVISED

NOTES:  
 OWNER: JEVON OWEN VERNON

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION:  
 PORTION 18 OF THE FARM ROOPOORT 144 IS

COORDINATES:  
 LAT : 28° 30' 13.73" S  
 LONG : 29° 18' 15.23" E

PROJECT:  
 NEW 950m TELECOMMUNICATION BASESTATION WITH  
 A 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:  
 OFF THE R17  
 TRICHARDT TO BETHAL 17km FROM TRICHARDT,  
 AFRICA

INFRASTRUCTURE  
 PLANNING SERVICES



414 Roodie Road  
 8440 Sandvlei  
 0184  
 Tel: +27 (12) 804 18048  
 Fax: +27 (12) 804 1772  
 info@ipsplan.co.za

P.O. Box 32017  
 Tlokweng  
 0154

RFO NO.: 155083  
 PROJECT NUMBER: 119378

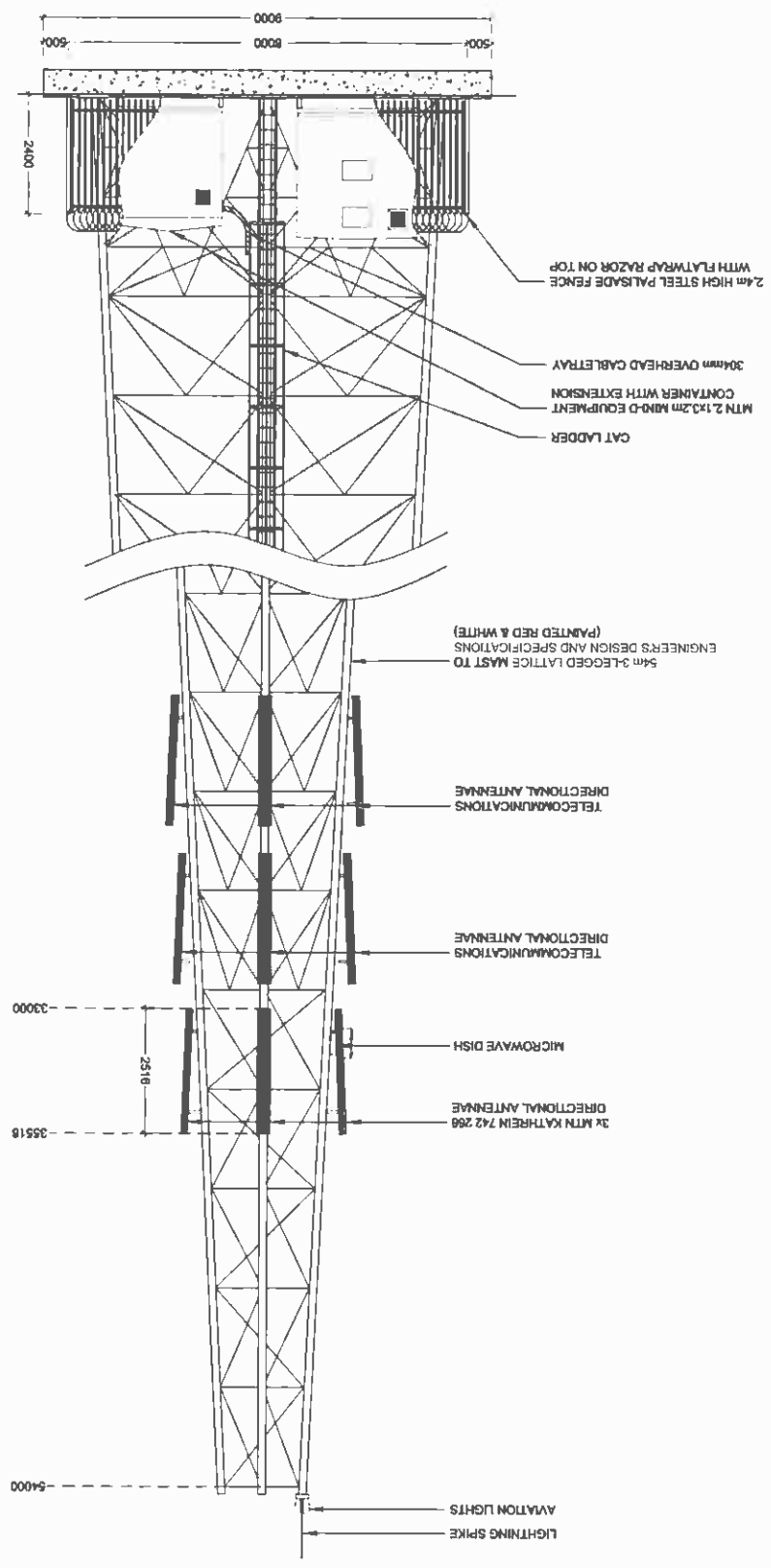
DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE  
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT  
 OF WORK.  
 ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE  
 DESIGN AND SPECIFICATIONS (REVISED 01/01/08)  
 ISSUE: 1 FEBRUARY 2012

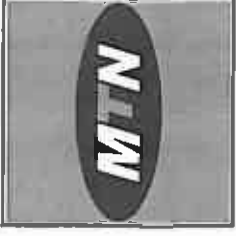
DRAWN: HENDRICK MAKINTA | DATE: 28/11/2011  
 SCALE: 1:100 | REF. NO: 812/TB486

NORTH ELEVATION  
 SHEET 9 OF 10

**MTN ANTENNAE KEY**

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	K742 266	33			7/8"	±.38
2	120°	K742 266	33			7/8"	±.38
3	240°	K742 266	33			7/8"	±.38





1987 Pineside Drive  
 1600 Woodlands  
 Hendrik, 1608  
 Tel: +27 (12) 542 2000  
 Fax: +27 (12) 542 2028  
 Postal Suite 116  
 Woodlands 1615  
 Hendrik, 1608

SITE NAME:

**RIETFOONTEIN PLAAS**

BASE STATION NUMBER:

**T9468**

REV	DATE	BY	DESCRIPTION
A	28/11/2011	FM	FIRST ISSUE
B	18/01/2012	FM	ANTENNAE HEIGHT REVISED

NOTES:

OWNER: KEVIN OWEN VERRON

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:

PORTION 18 OF THE FARM ROOPOORT 144 IS

COORDINATES:

LAT : 29° 30' 13.75" S  
 LONG : 29° 18' 15.23" E

PROJECT:

NEW 60m TELECOMMUNICATION BASESTATION WITH  
 A 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:

OFF THE N7,  
 TRICHARDT TO BETHAL, 17km FROM TRICHARDT,  
 MPUMALANGA

INFRASTRUCTURE  
 PLANNING SERVICES



414 Pineside Drive  
 Shearwater  
 D 164  
 Tel: +27 (12) 804 18048  
 Fax: +27 (12) 804 17079  
 info@ipsplan.co.za

P.O. Box 20017  
 Johannesburg  
 20134

RFC NO.:

155083

PROJECT NUMBER:

1190079

DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE  
 USED. CHECK DIMENSIONS TO BE VERIFIED PRIOR TO THE COMMENCEMENT  
 OF WORK.

ALL WORK TO BE PERFORMED ACCORDING TO MTN B7S SITE  
 INFRASTRUCTURE SPECIFICATION R40 V1/001  
 ISSUE 1 REVISION 0 NOVEMBER 2007

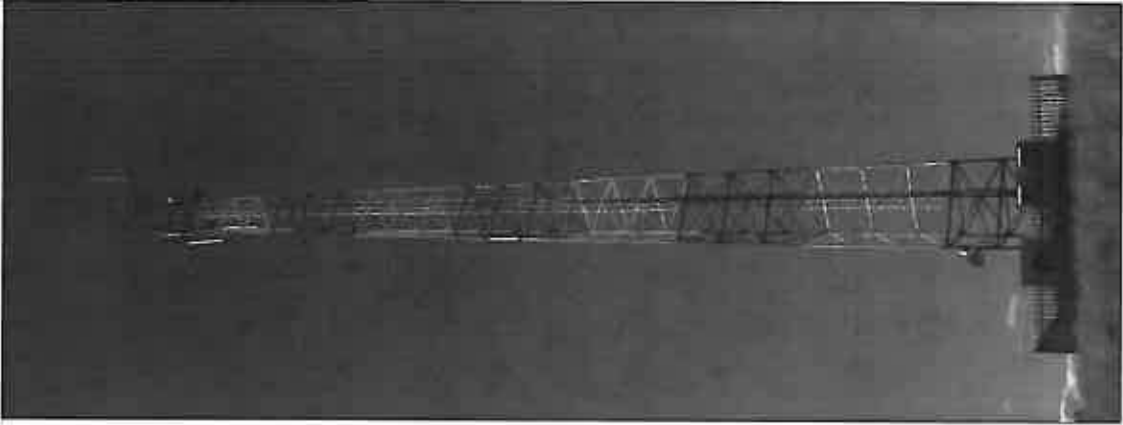
DRAWN: HENDRICK MAKINTA

DATE: 28/11/2011

SCALE: NTS

REF. NO: 812/TR9468

FACILITY ILLUSTRATION  
 SHEET 10 OF 10



TYPICAL LATTICE MAST (PAINTED RED & WHITE)

Our Reference:  
T9468 / 17/2/3 GS-100

Your Reference:



7 June 2012

The Ward Councillor  
Govan Mbeki Local Municipality  
Private Bag x1017  
Secunda  
2302

Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

Attention: Clr M J Mtsweni  
Councillor: Ward 15

414 Rustic Road  
Silvertondale, 0184  
Pretoria

Facsimile: +27 17 634 8019  
E-mail:

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), (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 16 OF THE FARM ROOIPOORT 144 IS.**

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,

**WA VAN'T FOORT**  
For: Torbiousolutions cc

**Comments:**

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Destination	Start Time	Time	Prints	Result	Note
0176348019	06-11 12:40	00:03:15	011/011	OK	

Note TMR: Timer TX, POL: Polling, ORG: Original Size Setting, FME: Frame Erase TX, MXX: 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, RLX: 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:  
 T9468 / 17/2/3 GS-100

Your Reference:

7 June 2012

The Ward Councillor  
 Govan Mbeki Local Municipality  
 Private Bag x1017  
 Secunda  
 2302

Attention: Cnr M J Mtaweni  
 Councillor: Ward 15

Facsimile: +27 17 634 8019  
 E-mail:



Reg. No. 2001/080538/23  
 PO Box 32017, Totiusdal, 0134

414 Rustic Road  
 Silvertowndale, 0154  
 Pretoria

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

Dear Sir / Madam,

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (BB), (CC) AND (EE) IN REGULATION 548: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 16 OF THE FARM ROOPOORT 144 IS.**

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,

*WA Van't Foort*  
**WA VAN'T FOORT**  
 For: Torblouse Solutions cc

Comments:

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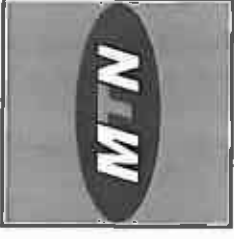


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1587 Pretoria Street  
 Midrand, Gauteng  
 1685  
 Tel: +27 (0) 21 542 2000  
 Fax: +27 (0) 21 542 1000  
 www.mtn.com

Prepared By: M. M. M. M.  
 Checked By: M. M. M. M.  
 Approved By: M. M. M. M.  
 Date: 28/11/2011

**SITE NAME:** RIETFontein PLAAS

**BASE STATION NUMBER:** T9468

REV	DATE	BY	DESCRIPTION
A	28/11/2011	HM	FIRST ISSUE
B	18/01/2012	HM	ANTENNAE HEIGHT REVISED

**NOTES:**  
 OWNER: EYON OWEN VERRON

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION:  
 PORTION 18 OF THE FARM ROOPOORT 144 IS

**COORDINATES:**  
 LAT : 29° 30' 13.73" S  
 LONG : 29° 18' 15.23" E

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

**ADDRESS:**  
 OFF THE M17,  
 TRICHARDT TO BETHAL, 17km FROM TRICHARDT,  
 MPUMALANGA



**INFRASTRUCTURE  
 PLANNING SERVICES**

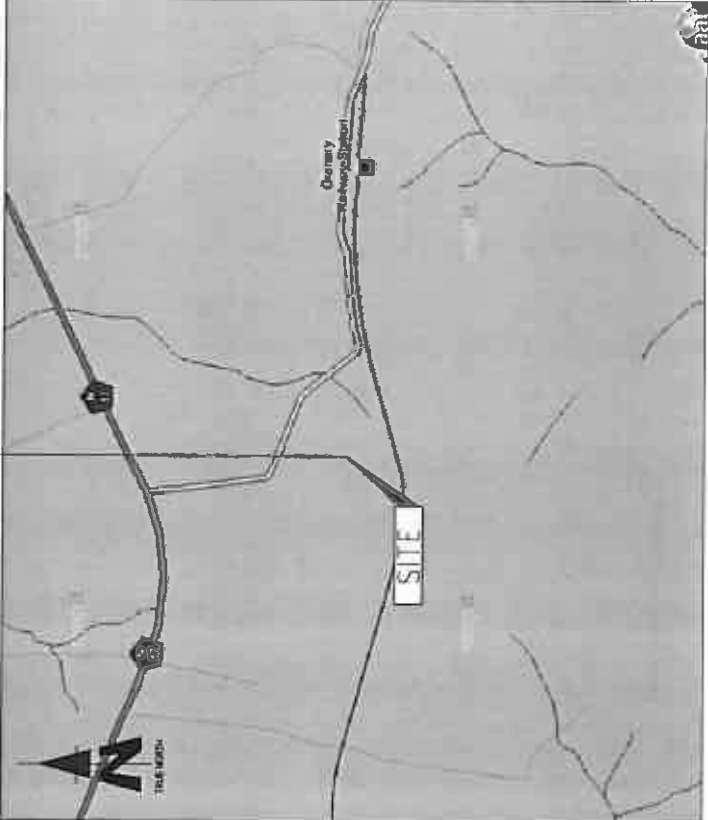
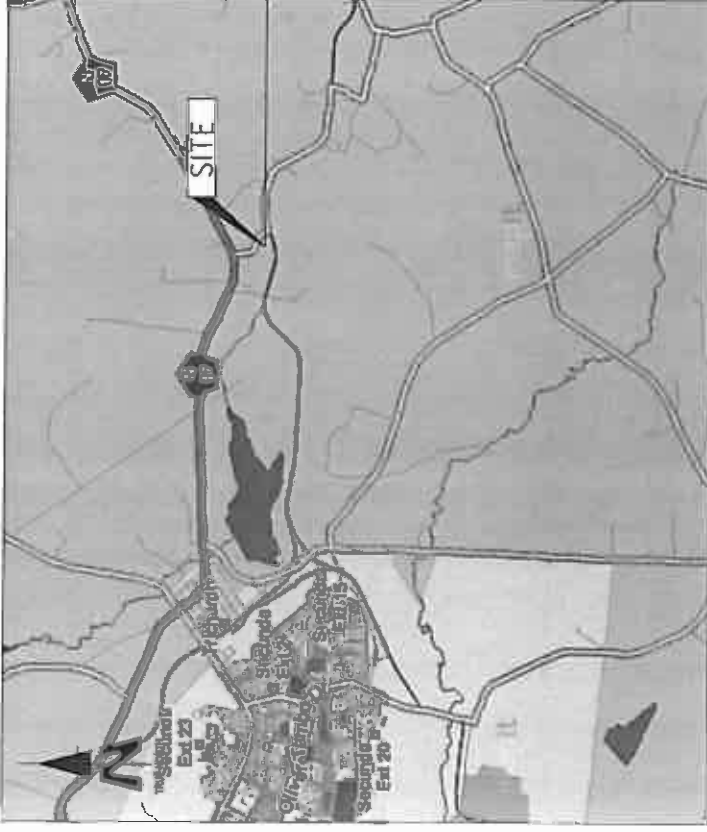
414 Beaufort Street  
 Johannesburg  
 2001  
 Tel: +27 (0) 21 964 1948  
 Fax: +27 (0) 21 964 1072  
 www.ipsplanning.co.za

**PROJECT NUMBER:**  
 155063  
 110370

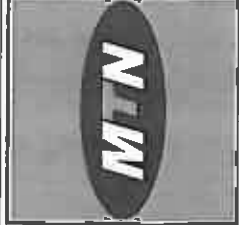
**SCALE:** 1:500  
**DATE:** 28/11/2011  
**REF. NO.:** 812/T9468

**LOCALITY MAP**  
 SHEET 1 OF 10

**T9468  
 RIETFontein PLAAS**







2507 Pretoria Road  
 Mafikeng, 0803  
 Tel: +27 (0) 512 2600  
 Fax: +27 (0) 512 8000  
 Postal Suite 148  
 Mafikeng 0803  
 Mafikeng 0803  
 Mafikeng 0803

SITE NAME: RIETFontein Plaas

BASE STATION NUMBER: T9468

REV	DATE	BY	DESCRIPTION
A	29/11/2011	HM	FIRST ISSUE
B	19/01/2012	HM	ANTENNAE HEIGHT REVISED

NOTES:  
 OWNER: JEVON OWEN VERRON

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION:  
 PORTION 16 OF THE FARM ROOIPPOORT 144 IS

COORDINATES:  
 LAT : 28° 30' 13,73" S  
 LONG : 29° 18' 15,23" E

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

ADDRESS:  
 OFF THE N17,  
 TRICHARDT TO BETHAL 17km FROM TRICHARDT,  
 MPUMALANGA

INFRASTRUCTURE  
 PLANNING SERVICES



411 Bule Road  
 Midrand  
 0164  
 Tel: +27 (0) 84 15846  
 Fax: +27 (0) 84 10772  
 Email: info@infrastructure.co.za

RFQ NO.: 155083

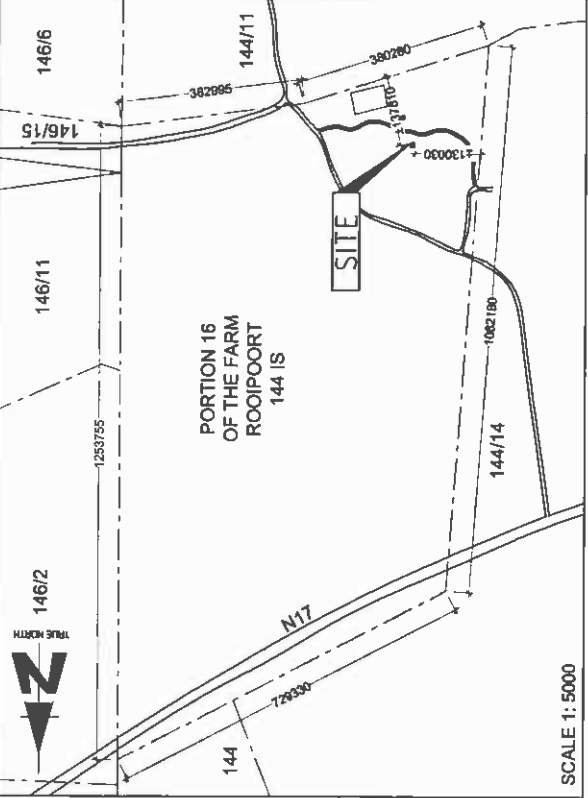
PROJECT NUMBER:  
 119370

DRAWN: HENDRICK MAKINTA | DATE: 29/11/2011

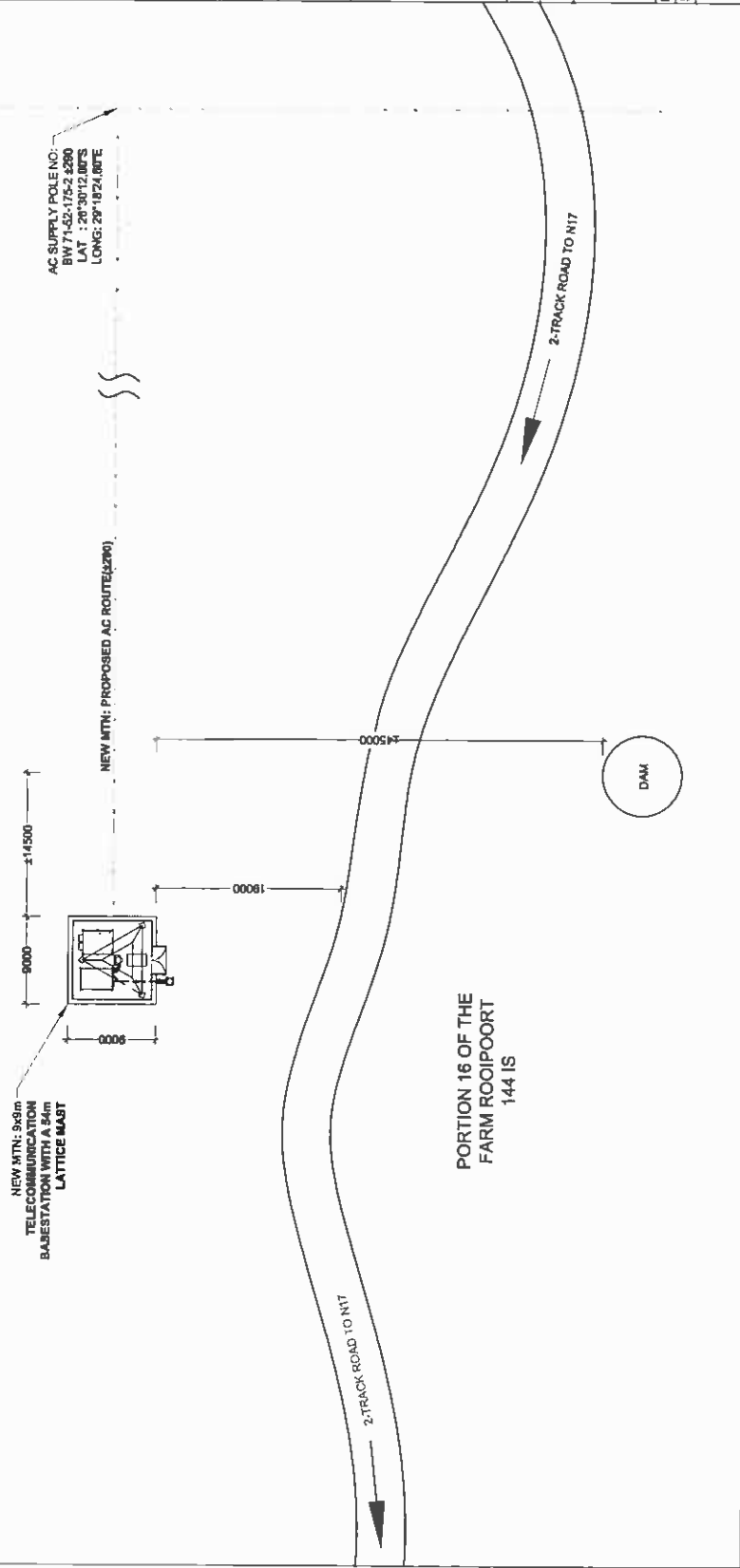
SCALE: 1:500 | REF. NO: 812/78468

SITE DEVELOPMENT PLAN  
 SHEET 3 OF 10

DRAWINGS MUST NOT BE SCALED ONLY REQUIRED DIMENSIONS TO BE  
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT  
 ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE  
 INFRASTRUCTURE SPECIFICATION RBU/1001  
 ISSUE 1 REVISION 0 NOVEMBER 2007



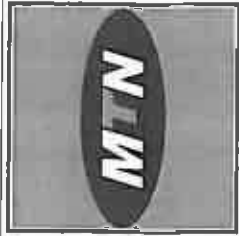
SCALE 1: 5000



NEW MTN: 9x9m  
 TELECOMMUNICATION  
 BASESTATION WITH A 54m  
 LATTICE MAST

AC SUPPLY POLE NO:  
 RW 714521752-2280  
 LAT : 28°30'12.80"S  
 LONG: 29°18'24.80"E

PORTION 16 OF THE  
 FARM ROOIPPOORT  
 144 IS



287 Pretoria Street  
 Maitland, 6053  
 Tel: +27 (0) 342 2000  
 Fax: +27 (0) 342 6258  
 Project: Sub 148  
 Maitland, 6053  
 Maitland, 6053

SITE NAME: RIETFOONTEIN PLAAS  
 BASE STATION NUMBER: T9468

REV	DATE	BY	DESCRIPTION
A	20/11/2001	MM	FIRST ISSUE
B	18/01/2003	MM	ANTENNA HEIGHT REVISED

NOTE:1  
 OWNER: JONH OWEN VERRILL

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION:  
 PORTION 16 OF THE FARM ROOIPPOORT 144 IS

COORDINATES:  
 LAT: 29° 30' 13.77" S  
 LONG: 29° 11' 10.27" E

PROJECT:  
 NEW 94m TELECOMMUNICATION BASE STATION WITH  
 A 34m LATTICE MAST FOR MTN (PTY) LTD.

ADDRESS:  
 OFF THE MTN  
 TRUCKROAD TO BETHAL 7km FROM TRUCKROAD  
 M/UM/UM/MSA

INFRASTRUCTURE  
 PLANNING SERVICES



814 Rietfontein  
 Maitland  
 6053  
 WFO NO: 150083  
 PROJECT NUMBER: 11937H

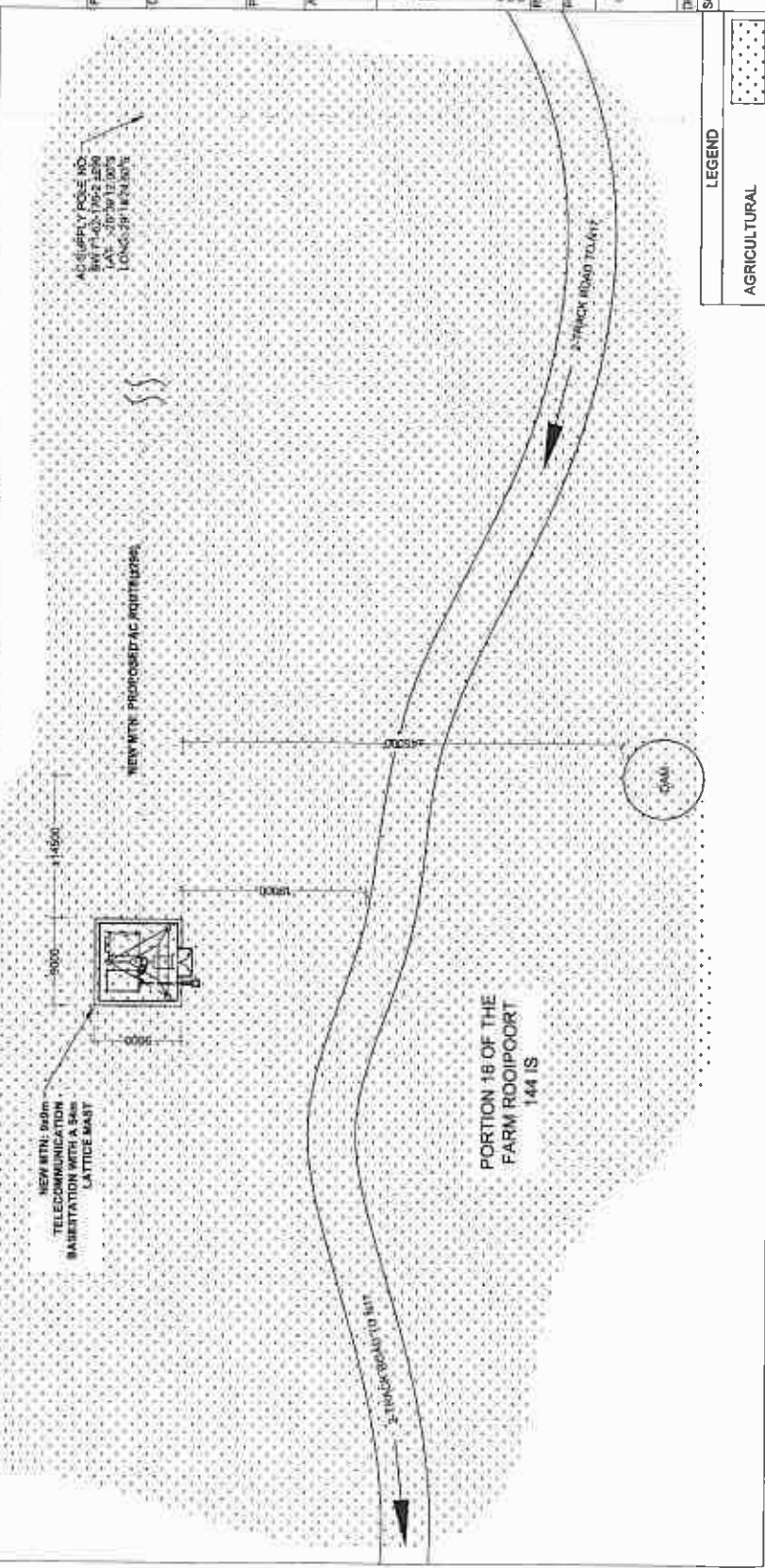
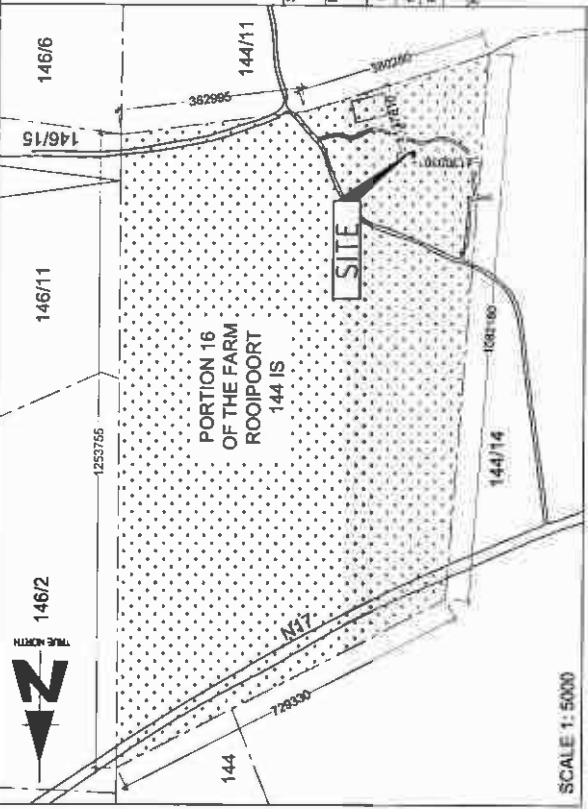
UNAPPROVED BUREAU OF SURVEYING (BOS) DRAWING. THIS DRAWING IS FOR INFORMATION ONLY. IT IS NOT TO BE USED FOR CONSTRUCTION OR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF THE BUREAU OF SURVEYING.

ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE SPECIFICATIONS AND REGULATIONS.

DRAWN: REIDRECK MAXINTZA | DATE: 20/11/2001  
 SCALE: 1:5000 | REF. NO: 812/T9468

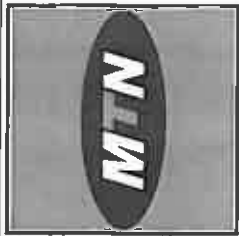
LEGEND  
 AGRICULTURAL

ZONING  
 SHEET 4 OF 10



LEGEND  
 AGRICULTURAL

ZONING  
 SHEET 4 OF 10



127 Pretoria Street  
 2192 Midrand  
 Tel: +27 (0) 11 342 2900  
 Fax: +27 (0) 11 342 1528  
 www.mtn.com

SITE NAME: RIETFOONTEIN PLAAS  
 BASE STATION NUMBER: T9468

REV	DATE	BY	DESCRIPTION
A	2011/02/11	HP	FIRST ISSUE
B	2011/02/12	HU	ANTENNAE HEIGHT REBSED

NOTES:  
 OWNER: EVIDORVERSION

STRICTLY COMPANY CONFIDENTIAL  
 PORTION 16 OF THE FARM ROOIFPOORT 144 IS

COORDINATES:  
 LAT: 28° 18' 14.23" S  
 LONG: 28° 18' 14.23" E

PROJECT:  
 NEW 80m TELECOMMUNICATION BASESTATION WITH  
 A 34m LATTICE MAST FOR MTN (PT) LTD

ADDRESS:  
 OFF THE HT,  
 TRICHARDT TO BETHAL, 11km FROM TRICHARDT,  
 MPUMALANGA

INFRASTRUCTURE  
 PLANNING SERVICES



414 Roodoos Road  
 Brackenridge  
 (17th  
 Floor)  
 Johannesburg 2004  
 Tel: +27 (0) 11 251 1111  
 Fax: +27 (0) 11 251 1111  
 www.ips.co.za

PROJECT NUMBER:  
 150003

DATE: 2011/02/11

DRAWN: HEINRICK MANSHITA

SCALE: 1:5000

REF. NO: 81279468

CURRENT LAND USE  
 SHEET 5 OF 10

LEGEND  
 AGRICULTURAL

SCALE: 1:5000

TRUE NORTH

TRUE NORTH

SCALE: 1:5000

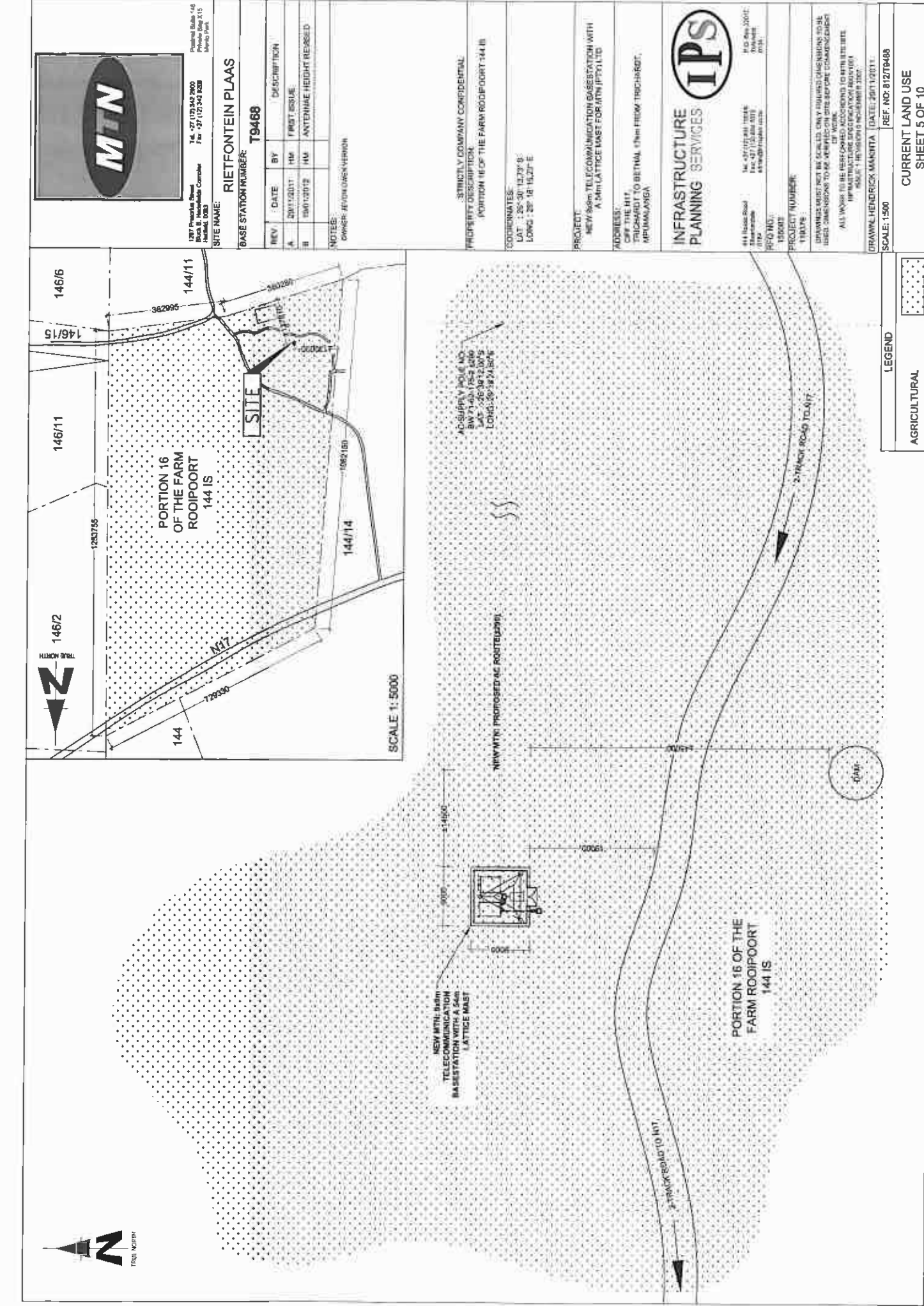
SCALE: 1:5000

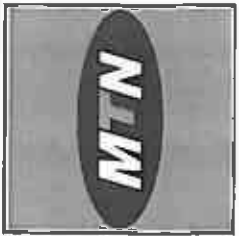
SCALE: 1:5000

SCALE: 1:5000

SCALE: 1:5000

SCALE: 1:5000





120 Fickelhorst Street  
 Block B, Heidelberg Campus  
 Heidelberg, 0693  
 Tel: +27 (0) 343 948 988  
 Fax: +27 (0) 343 948 989  
 P.O. Box 2017  
 Johannesburg  
 2008  
 0134

**SITE NAME:**  
 RIETFontein PLAAS

**BASE STATION NUMBER:**  
 T9468

REV	DATE	BY	DESCRIPTION
A	20/1/2011	HM	FIRST ISSUE
B	19/01/2012	HM	ANTENNAE HEIGHT REVISED

**NOTES:**  
 OWNER: JEYOH OWEN VERNON

**PROPERTY DESCRIPTION:**  
 STRICTLY COMPANY CONFIDENTIAL  
 PORTION 16 OF THE FARM ROOPOORT 144 IS

**COORDINATES:**  
 LAT : 29° 30' 13.73" S  
 LONG : 29° 18' 15.23" E

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

**ADDRESS:**  
 OFF THE MT, TRICHARDT TO BETHAL, 17km FROM TRICHARDT, KPUMALANGA

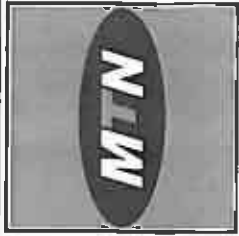
**INFRASTRUCTURE PLANNING SERVICES**

414 Duinbos Road  
 Boksburg  
 0154  
 Tel: +27 (0) 84 15048  
 Fax: +27 (0) 84 1072  
 www.ipsgroup.co.za  
 P.O. Box 2017  
 Johannesburg  
 2008  
 0134

**RFO NO.:** 155063  
**PROJECT NUMBER:** 119379  
**SCALE:** NTS  
**DATE:** 29/1/2011  
**REF. NO.:** 812/T9468

**CONTOUR INTERVALS:**  
 SHEET 6 OF 10





1267 Pretoria Blvd  
 Head Office  
 Head Office  
 Head Office  
 Tel: +27 (0)11 342 7800  
 Fax: +27 (0)11 342 8000  
 Head Office  
 Head Office  
 Head Office

SITE NAME: RIETFontein PLAAS

BASE STATION NUMBER: T9468

REV	DATE	BY	DESCRIPTION
A	28/11/2011	HM	FIRST ISSUE
B	18/01/2012	HM	ANTENNAE HEIGHT REVISED

NOTES:  
 OWNER: JEVOH OWEN VERNON

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:  
 PORTION 16 OF THE FARM ROOIPOORT 144 IS

COORDINATES:  
 LAT : 28° 30' 13.73" S  
 LONG : 28° 16' 15.23" E

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

ADDRESS:  
 OFF THE N17,  
 TRICHARDT TO BETHAL, 17km FROM TRICHARDT,  
 MPUMALANGA

**IPS**  
 INFRASTRUCTURE  
 PLANNING SERVICES

14, 427 (12) 6th Floor  
 1st Floor  
 P.O. Box 13017  
 Tuckersville  
 0154

14, 427 (12) 6th Floor  
 1st Floor  
 P.O. Box 13017  
 Tuckersville  
 0154

RFO NO.: 1550063

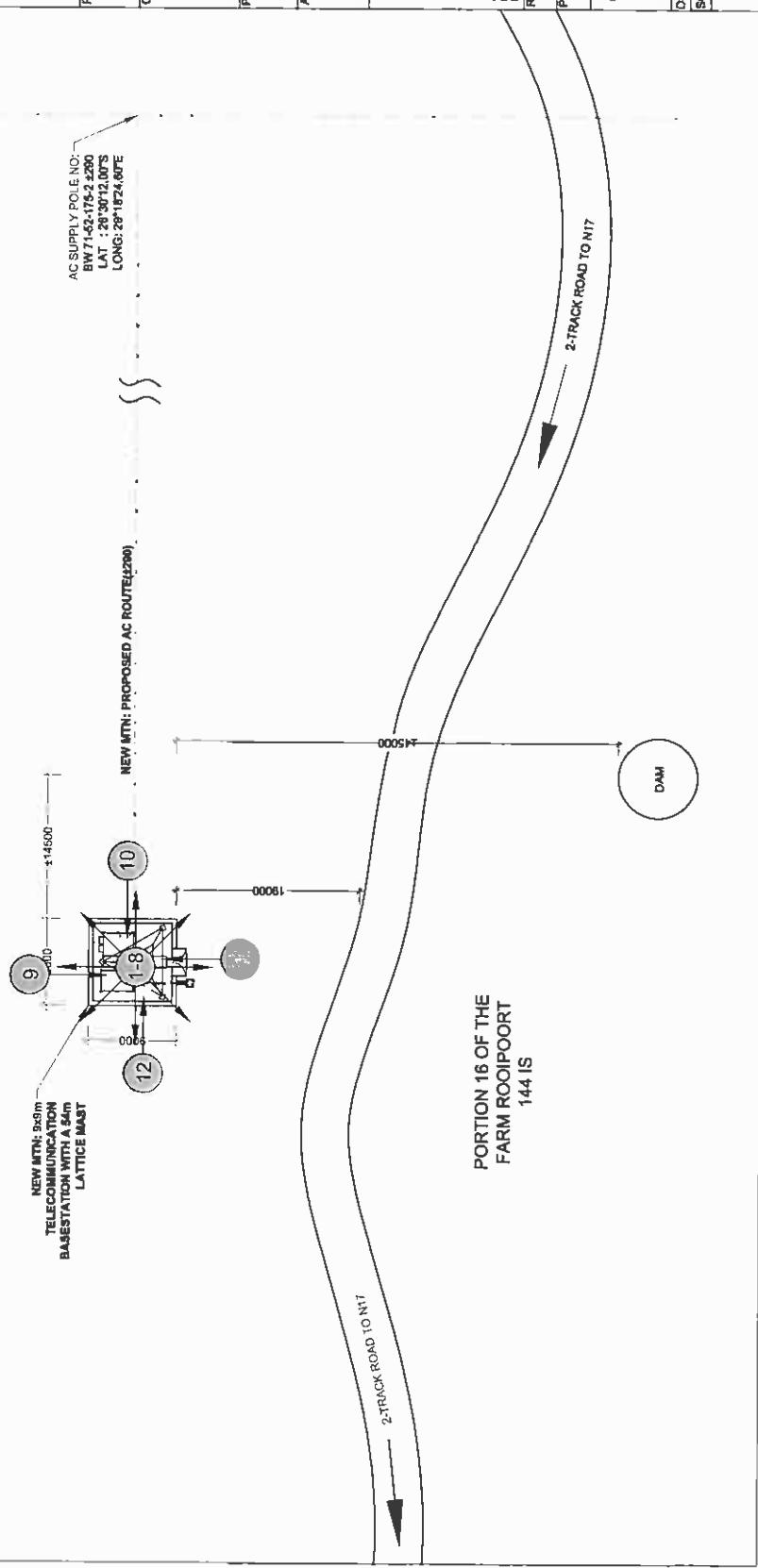
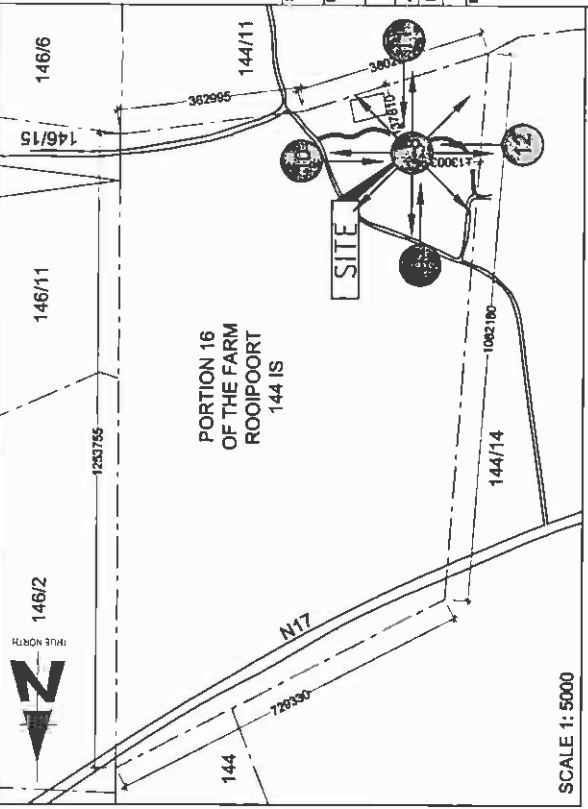
PROJECT NUMBER:  
 119378

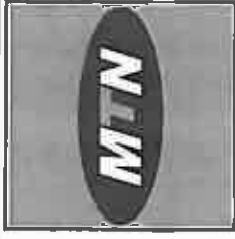
DRAWINGS MUST NOT BE REPRODUCED OR COPIED WITHOUT THE WRITTEN PERMISSION OF IPS. DIMENSIONS TO BE USED: DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.

ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION (R01/1001) ISSUE 1 (REVISION 0) NOVEMBER 2007

DRAWN: HENDRICK MAKINTA | DATE: 28/11/2011  
 SCALE: 1:500 | REF. NO: 812/T9468

SITE PHOTOGRAPH  
 SHEET 7 OF 10





1997 Richards Bay Road  
Block 16, Mooi Poort Complex  
Hendrik, 0883

Tel: +27 (12) 342 2908  
Fax: +27 (12) 342 1239  
www.mtn.co.za

Project Site: 144  
Mooi Poort, 144  
Mooi Poort

SITE NAME: RIETFontein PLAAS

BASE STATION NUMBER: T9468

REV	DATE	BY	DESCRIPTION
A	29/11/2011	JM	FIRST ISSUE
B	19/01/2012	JM	ANTENNAE HEIGHT REVISED

NOTES:  
OWNER: JEVON OWEN VENDOR

STRICTLY COMPANY CONFIDENTIAL  
PROPERTY DESCRIPTION:  
PORTION 16 OF THE FARM ROOIPORT 144 IS

COORDINATES:  
LAT : 29° 30' 13.73" S  
LONG : 29° 18' 15.21" E

PROJECT:  
NEW 8x9m TELECOMMUNICATION BASESTATION WITH  
A 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:  
OFF THE MTN,  
RICHARDS BAY TO BETHAL, 17km FROM TRICHARDT,  
MPUMALANGA

INFRASTRUCTURE  
PLANNING SERVICES



414 Rando Road  
Brynerton  
0156

Tel: +27 (12) 804 18048  
Fax: +27 (12) 804 1072  
www.infrastruc.co.za

P.O. Box 32017  
Tshwane  
0159

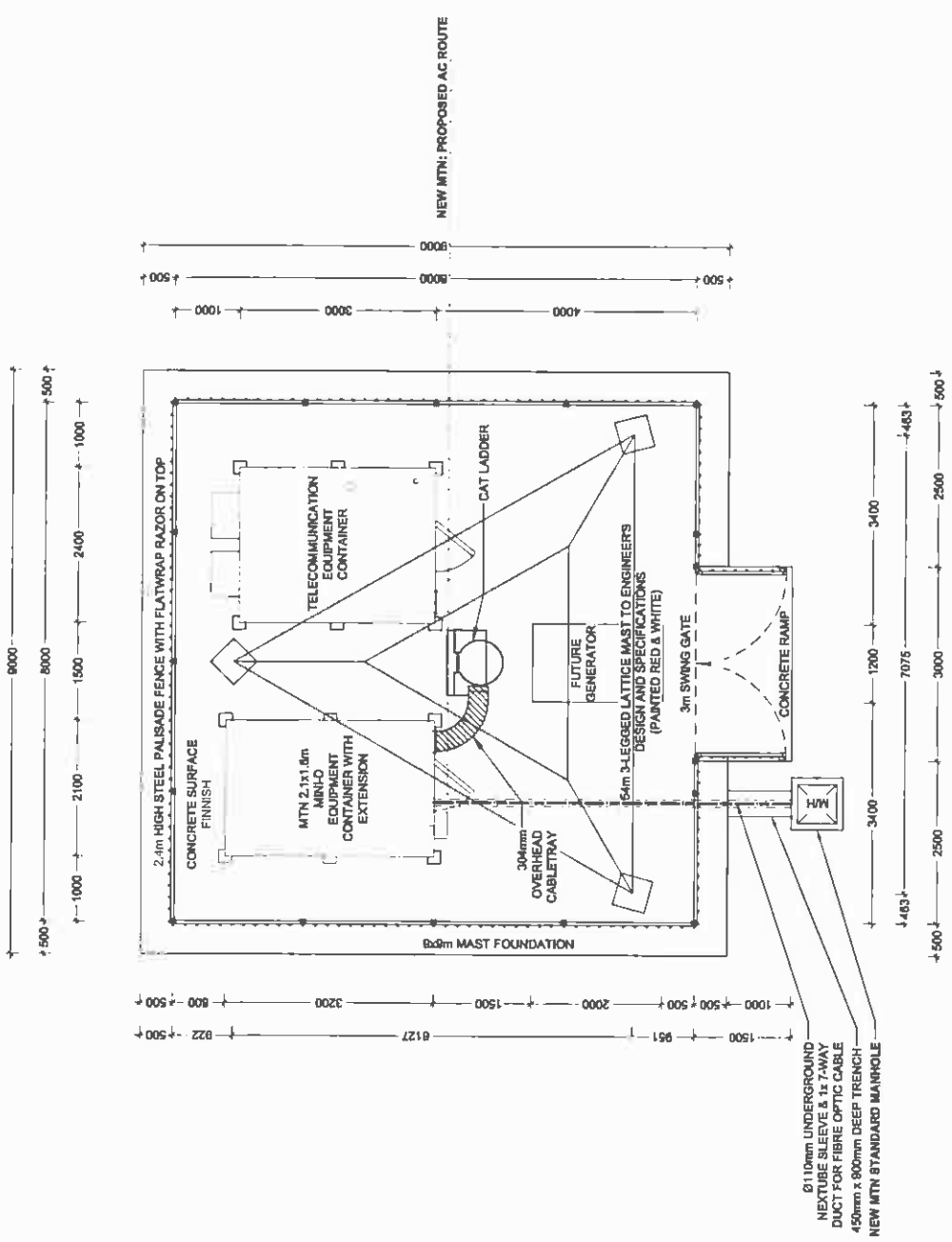
RFD NO.: 165083

PROJECT NUMBER:  
118379

DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED. DIMENSIONS TO BE VIEWED ON SITE BEFORE COMMENCEMENT OF WORK.  
ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE SPECIFICATION SPECIFICATION R80/1001  
ISSUE 1 (REVISED) NOVEMBER 2007

DRAWN: HENDRICK MAKINTA | DATE: 29/11/2011  
SCALE: 1:75 | REF. NO: 812/TB468

SITE DETAIL  
SHEET 6 OF 10

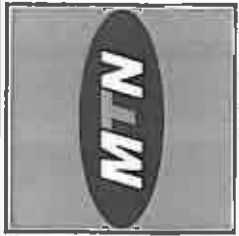
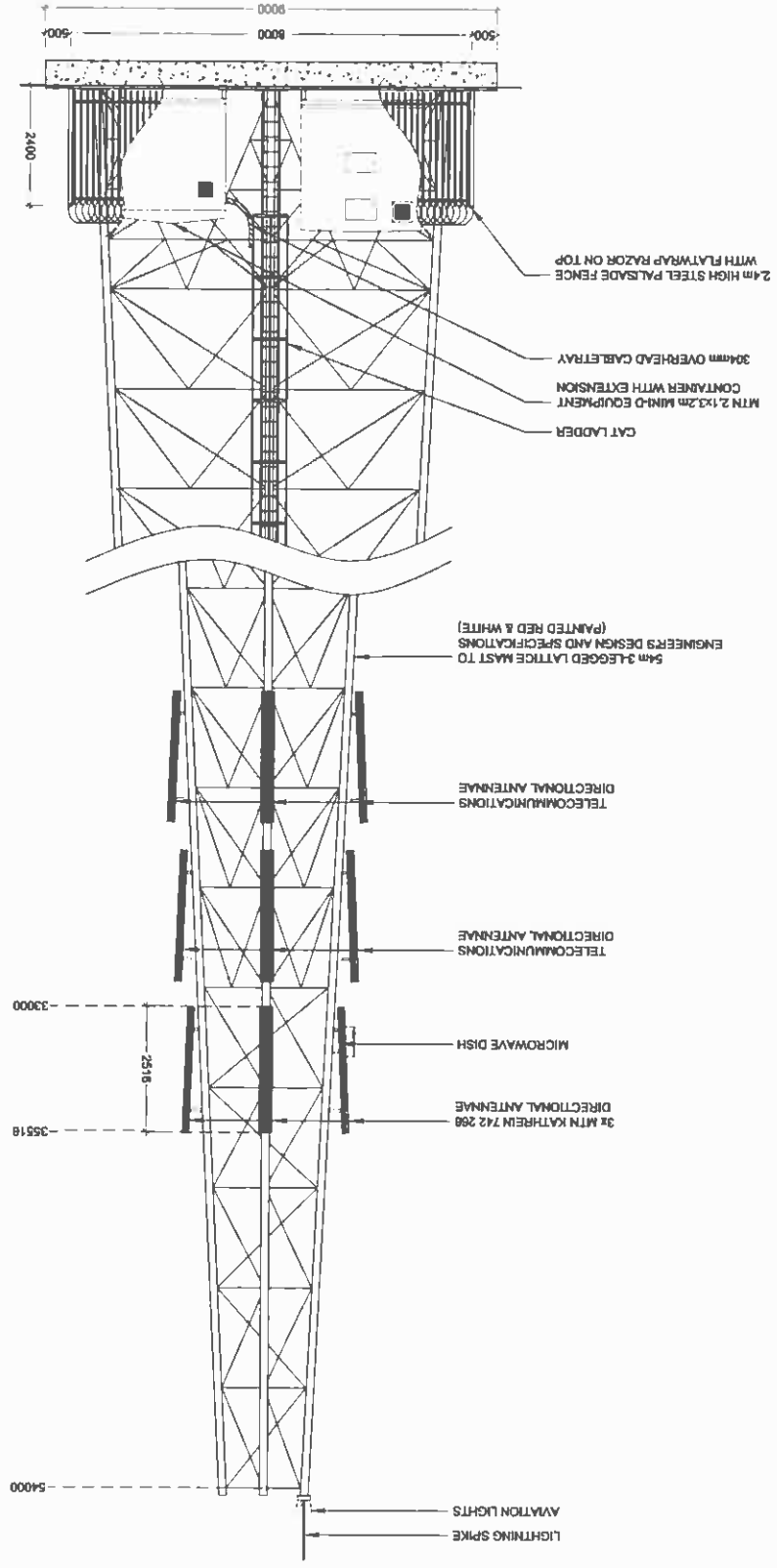


PORTION 16 OF THE FARM  
ROOIPORT 144 IS



**MTN ANTENNAE KEY**

SECTOR	AZIMUTH	ANTENNA	HEIGHT - MECH. BOTTOM (m)	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	K742 266	33		7/8"	± 3.8
2	120°	K742 266	33		7/8"	± 3.8
3	240°	K742 266	33		7/8"	± 3.8



1501 Pekaia Road  
 Block 8, Henderson Corridor  
 Auckland, 2000  
 Tel: +27 (0) 21 557 1000  
 Fax: +27 (0) 21 557 1000  
 Proposed Station Log  
 Ref: 28112011

**SITE NAME:** RIETFONTAIN PLAAS  
**BASE STATION NUMBER:** T9468

REV	DATE	BY	DESCRIPTION
A	28/11/2011	HM	FIRST ISSUE
B	19/01/2012	HM	ANTENNAE HEIGHT REVISED

**NOTES:**  
 OWNER: JEVON OWEN VERNON

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION:  
 PORTION 18 OF THE FARM ROOPOORT 144 IS

**COORDINATES:**  
 LAT : 28° 30' 13.73" S  
 LONG : 29° 18' 15.23" E

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

**ADDRESS:**  
 OFF THE M7,  
 TRICHARDT TO BETHAL 17km FROM TRICHARDT,  
 MPUMALANGA

**INFRASTRUCTURE PLANNING SERVICES**

414 Ruddle Road  
 Midrand  
 20134  
 Tel: +27 (0) 800 180408  
 Fax: +27 (0) 800 0773  
 Email: ips@ipsafrica.co.za

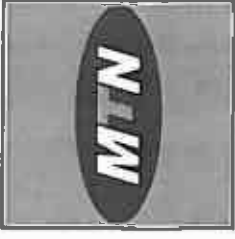
P.O. Box 2817  
 Tlokoeng  
 0154

RFO NO.: 155063  
 PROJECT NUMBER: 119378

DRAWINGS MUST NOT BE REPRODUCED OR COPIED WITHOUT THE WRITTEN PERMISSION OF IPS. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.  
 ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE SPECIFICATION INFRASTRUCTURE SPECIFICATION 0001001 ISSUE 1 (REVISION 09/06/07)

**DRAWN:** HENDRICK MAKINTA | **DATE:** 28/11/2011  
**SCALE:** 1:100 | **REF. NO.:** 8127B468

**NORTH ELEVATION**  
**SHEET 9 OF 10**



281 Pretoria Blvd  
 1st Floor  
 Midrand, 2008  
 Tel: +27 (0)11 791 1000  
 Fax: +27 (0)11 791 1001  
 www.mtn.com

281 Pretoria Blvd  
 1st Floor  
 Midrand, 2008  
 Tel: +27 (0)11 791 1000  
 Fax: +27 (0)11 791 1001  
 www.mtn.com

SITE NAME: RIETFOONTEIN PLAAS

BASE STATION NUMBER: T9468

REV	DATE	BY	DESCRIPTION
A	28/11/2011	HM	FIRST ISSUE
B	18/01/2012	FM	ANTENNAE HEIGHT REVISED

NOTES:  
 OWNER: JEVON DWEN VERNON

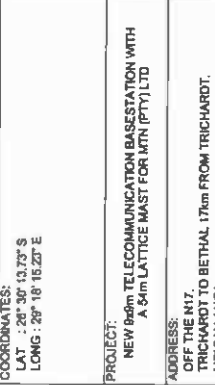
STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:  
 PORTION 18 OF THE FARM ROODPOORT 144 IS

COORDINATES:  
 LAT : 28° 36' 13.73" S  
 LONG : 28° 18' 15.23" E

PROJECT:  
 NEW 950m TELECOMMUNICATION BASESTATION WITH  
 A 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:  
 OFF THE M17,  
 TRICHARDT TO BETHAL 17km FROM TRICHARDT,  
 NIPUMALANGA



TYPICAL LATTICE MAST (PAINTED RED & WHITE)

414 Rietfontein Road  
 Silvertonville  
 B104  
 Tel: +27 (0)11 854 156/68  
 Fax: +27 (0)11 854 1072  
 ips@ipsinfra.com

RFQ NO.: 155083

PROJECT NUMBER: 119379

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 B19 SITE INFRASTRUCTURE SPECIFICATION RBU/1001

ISSUE 1 REVISION 10 NOVEMBER 2007

DRAWN: HENDRICK MAKINTA | DATE: 28/11/2011

SCALE: NTS | REF. NO: 812/T9468

FACILITY ILLUSTRATION  
 SHEET 10 OF 10



414 Rietfontein Road  
 Silvertonville  
 B104  
 Tel: +27 (0)11 854 156/68  
 Fax: +27 (0)11 854 1072  
 ips@ipsinfra.com

RFQ NO.: 155083

PROJECT NUMBER: 119379

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 B19 SITE INFRASTRUCTURE SPECIFICATION RBU/1001

ISSUE 1 REVISION 10 NOVEMBER 2007

DRAWN: HENDRICK MAKINTA | DATE: 28/11/2011

SCALE: NTS | REF. NO: 812/T9468

FACILITY ILLUSTRATION  
 SHEET 10 OF 10

Our Reference:  
T9468 / 17/2/3 GS-100

7 June 2012

The Municipal Manager  
Gert Sibande District Municipality  
P O Box 1748  
Ermelo  
2350

Attention: Mr D V Ngcobo

Environmental Management Section

Facsimile: +27 17 811 1207

Dear Sir / Madam,

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (BB), (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 16 OF THE FARM ROOIPOORT 144 IS**

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,



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

**Comments:**

---

---

---

---



Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road  
Silvertondale, 0184  
Pretoria

Tel: (012) 804 1504/ 6

Fax: (012) 804 7072

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

Destination	Start Time	Time	Prints	Result	Note
0178111207	06-11 12:44	00:02:43	011/011	OK	

Note TMR: Timer TX, POL: Polling, ORG: Original Size Setting, FME: Frame Erase TX,  
 MXT: 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, MEX: 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:  
 T9488 / 17/2/3 GS-100

7 June 2012

The Municipal Manager  
 Gert Sibande District Municipality  
 P O Box 1748  
 Ermelo  
 2350

Attention: Mr D V Ngcobo

Environmental Management Section

Facsimile: +27 17 811 1207



Reg. No. 2001/080635/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road  
 Silvertondale, 0164  
 Pretoria

Tel: (012) 804 1504/ 6

Fax: (012) 804 7072

e-mail: admin@torbiouse.com

Dear Sir / Madam,

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (BB), (CC) AND (EE) IN REGULATION 646: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 16 OF THE FARM ROOPOORT 144 IS**

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

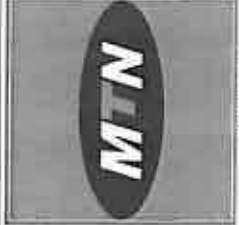
We request you to evaluate the attached information on the proposed project and provide us with your written comments and/or inputs, if any, by faxing or e-mailing such within 30 days from the date of this notification. It will be assumed that you do not have any comments on the Environmental Application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

*WA Van't Foort*  
**WA VAN'T FOORT**  
 For: Torbiouse Solutions cc

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



1000 Pekaia Street  
 1st Floor, Newlands Corporate  
 Newlands, 7800  
 Tel: +27 (0) 21 734 7200  
 Fax: +27 (0) 21 734 7208  
 Planned Mobile 148  
 License No. 1015  
 Mowbray Park

**SITE NAME:**  
**RIETFontein PLAAS**

**BASE STATION NUMBER:**  
**T9468**

REV	DATE	BY	DESCRIPTION
A	28/11/2011	HM	FIRST ISSUE
B	19/01/2012	HM	ANTENNAE HEIGHT REVISED

**NOTES:**  
 OWNER: JEVON OWEVERNON

**PROPERTY DESCRIPTION:**  
 STRICTLY COMPANY CONFIDENTIAL  
 PORTION 18 OF THE FARM ROOPOORT 144 IS

**COORDINATES:**  
 LAT : 28° 30' 13.73" S  
 LONG : 28° 18' 15.23" E

**PROJECT:**  
 NEW 925m TELECOMMUNICATION BASESTATION WITH  
 A 54m LATTICE MAST FOR MTN (PTY) LTD

**ADDRESS:**  
 OFF THE N17,  
 TRICHARDT TO BETHAL 17km FROM TRICHARDT,  
 MPUMALANGA

**INFRASTRUCTURE  
 PLANNING SERVICES**



414 Duhaak Road  
 Midrand  
 0184  
 Tel: +27 (0) 800 18048  
 Fax: +27 (0) 800 7072  
 info@infrastructure.co.za

P.O. Box 30717  
 Johannesburg  
 20134

**RFG NO.:**  
 150063

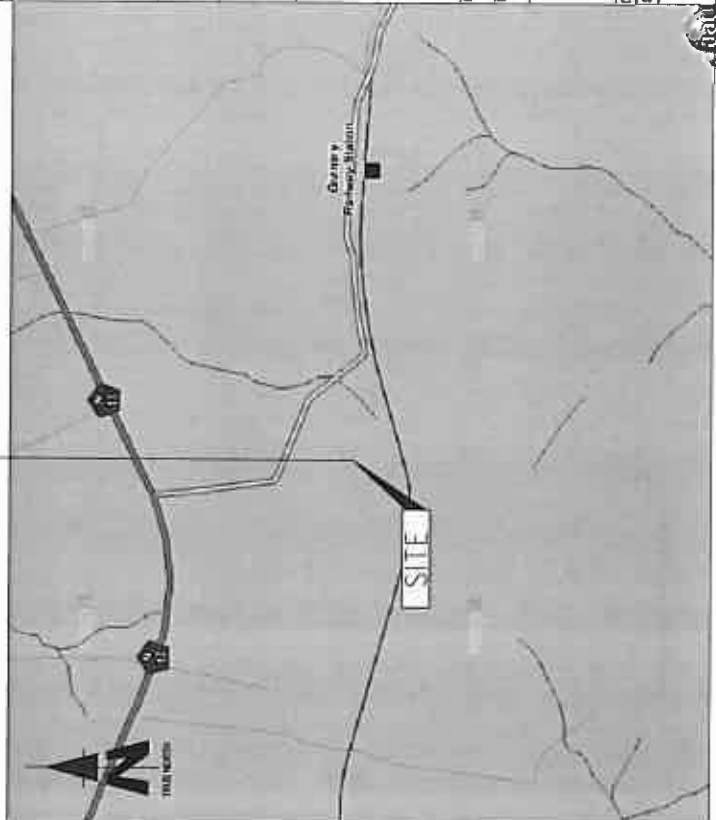
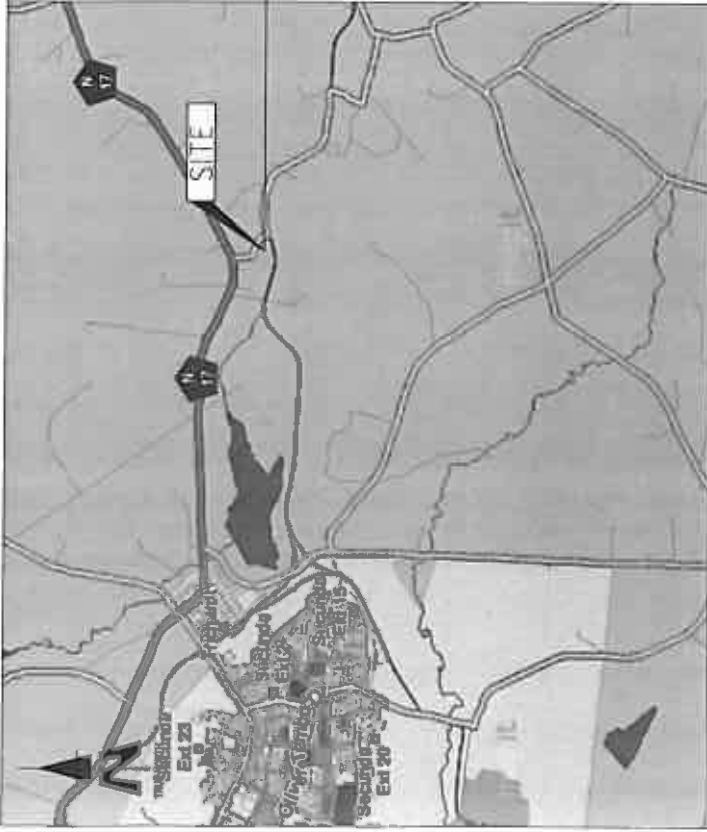
**PROJECT NUMBER:**  
 119379

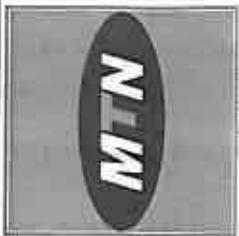
**DRAWN:** HENDRICK MANKITA | **DATE:** 28/11/2011

**SCALE:** NTS | **REF. NO.:** 812/T9468

**LOCALITY MAP**  
**SHEET 1 OF 10**

**T9468**  
**RIETFontein PLAAS**





1000 Robinson Drive  
 1st Floor, 1000 Robinson Drive  
 Midrand, 0908  
 Tel: +27 (0) 11 782 7000  
 Fax: +27 (0) 11 782 7015  
 www.mtn.co.za

**SITE NAME:** RIETFOONTEIN PLAAS

**BASE STATION NUMBER:** T9468

REV	DATE	BY	DESCRIPTION
A	28/11/2011	HM	FIRST ISSUE
B	19/01/2012	HM	ANTENNAE HEIGHT REVISED

**NOTES:**  
 OWNER: JEVON OWEN VERNON

**PROPERTY DESCRIPTION:**  
 STRICTLY COMPANY CONFIDENTIAL  
 PORTION 16 OF THE FARM ROODPOORT 144 IS

**COORDINATES:**  
 LAT : 28° 30' 13.73" S  
 LONG : 28° 15' 15.23" E

**PROJECT:**  
 NEW 850m TELECOMMUNICATION BASESTATION WITH  
 A 54m LATTICE MAST FOR MTN (PTY) LTD

**ADDRESS:**  
 OFF THE N17,  
 TRICHARDT TO BETHAL 17km FROM TRICHARDT,  
 MPUMALANGA



414 Duane Road  
 Sandtonville  
 0194  
 Tel: +27 (0) 11 804 1848  
 Fax: +27 (0) 11 804 7072  
 www.infrastructureplanning.co.za

**RFQ NO.:** 1550083  
**PROJECT NUMBER:** 119079

**DRAWN:** HENDRICK MAKINTA [DATE: 28/11/2011]  
**SCALE:** 1:100  
**REF. NO.:** 812/T9468

**CADASTRAL INFO**  
 SHEET 2 OF 10

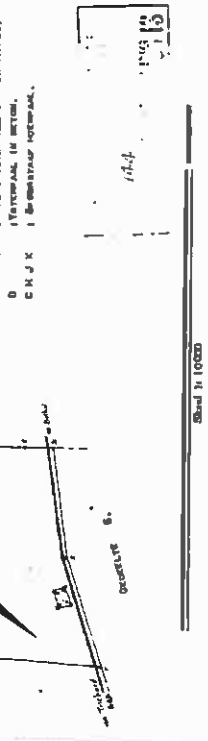
LC. No. A 5854/14

Cartografer

*M. M. M. M.*  
 Landmeter-Geofisika

BYE Kompaas Veld	RIGTINGS-HOORKE	KO-ORDINATE (in m)
AD	250.07.00	710332.00
BC	380.12	-1808.14
CD	0.10.30	-18702.3
DE	81.1	-18181.1
EF	1807.1	-17538.4
FA	344.12	-18302.4
GA	180.1	710332.00
HJ	121.5	-17001.4
IK	184.8	-17811.4
KL	133.0	-17531.1
LM	307.3	-17868.2
LN	728.8	6410.00

**Sanitidite 80 No. 8522/2004** Omskrywing van Bantam.  
 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z  
 0 1 2 3 4 5 6 7 8 9  
 CHJK I is omstreep te gebruik.



Stad N 10000  
 A B C D E F A UITEENREK DIE FARM O N J K G,  
 1000 Meters groot, syde 600 x 1600  
 DISTRIEK BETHAL, ROODPOORT, No. 81,  
 Provinsie TRANSVAAL

Die kommissaris is in No. A 1779/14  
 gety as *Grootdors*  
 No. 153/144  
 146/143

Die kommissaris is in No. A 1779/14  
 gety as *Grootdors*  
 No. 153/144  
 146/143

Die kommissaris is in No. A 1779/14  
 gety as *Grootdors*  
 No. 153/144  
 146/143

Die kommissaris is in No. A 1779/14  
 gety as *Grootdors*  
 No. 153/144  
 146/143

Die kommissaris is in No. A 1779/14  
 gety as *Grootdors*  
 No. 153/144  
 146/143

Die kommissaris is in No. A 1779/14  
 gety as *Grootdors*  
 No. 153/144  
 146/143

Die kommissaris is in No. A 1779/14  
 gety as *Grootdors*  
 No. 153/144  
 146/143

Die kommissaris is in No. A 1779/14  
 gety as *Grootdors*  
 No. 153/144  
 146/143

Die kommissaris is in No. A 1779/14  
 gety as *Grootdors*  
 No. 153/144  
 146/143

Die kommissaris is in No. A 1779/14  
 gety as *Grootdors*  
 No. 153/144  
 146/143

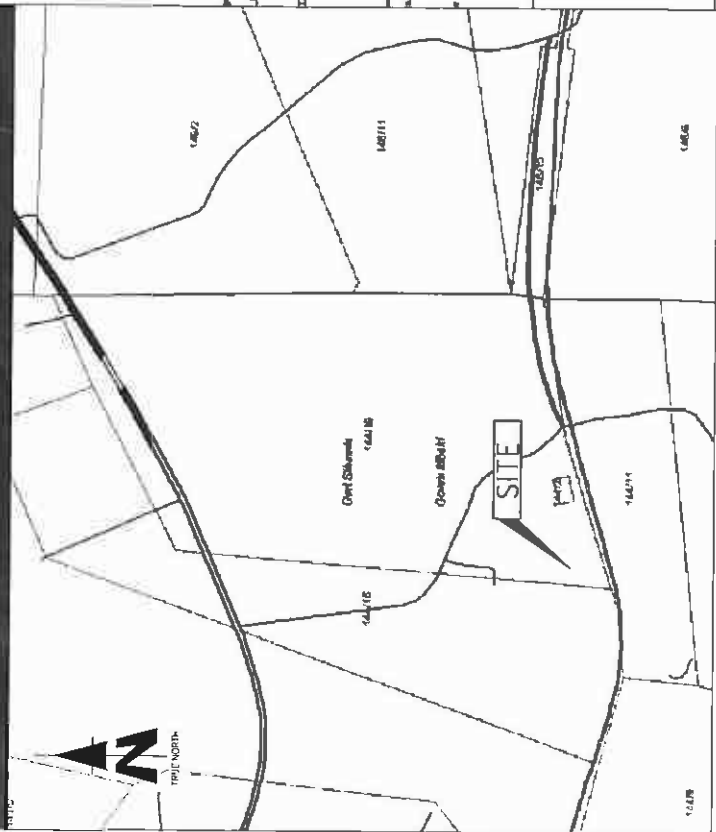
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 No. 153/144  
 146/143

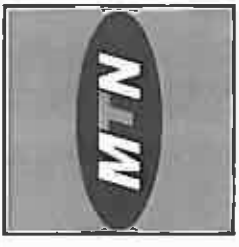
Die kommissaris is in No. A 1779/14  
 gety as *Grootdors*  
 No. 153/144  
 146/143

Die kommissaris is in No. A 1779/14  
 gety as *Grootdors*  
 No. 153/144  
 146/143

Die kommissaris is in No. A 1779/14  
 gety as *Grootdors*  
 No. 153/144  
 146/143

Die kommissaris is in No. A 1779/14  
 gety as *Grootdors*  
 No. 153/144  
 146/143





1587 Riverside Drive  
 Mark B. Hendrick Company  
 Harare, Zimbabwe  
 Tel: +27 (12) 343 2600  
 Fax: +27 (12) 343 2000  
 Private Bag 3175  
 Harare, Zimbabwe

**SITE NAME:** RIETFONTAIN PLAAS  
**BASE STATION NUMBER:** T9468

REV	DATE	BY	DESCRIPTION
A	29/11/2011	HM	FIRST ISSUE
B	19/01/2012	HM	ANTENNAE HEIGHT REVISED

**NOTES:**  
 OWNER: JEVON OWEN VERNON

STRICTLY COMPANY CONFIDENTIAL  
 PORTION 16 OF THE FARM ROOIPPOORT 144 IS

**COORDINATES:**  
 LAT: 28° 30' 13.73" S  
 LONG: 28° 18' 15.23" E

**PROJECT:**  
 NEW 9x5m TELECOMMUNICATION BASE STATION WITH  
 A 54m LATTICE MAST FOR MTN (PTY) LTD

**ADDRESS:**  
 OFF THE N17,  
 TRICHARDT TO BETHAL 17km FROM TRICHARDT,  
 MPUMALANGA

**INFRASTRUCTURE PLANNING SERVICES**

**IPS**

**INFRASTRUCTURE PLANNING SERVICES**

419 Pacific Road  
 Benoni, Gauteng  
 D 154  
 Tel: +27 (12) 804 1954/8  
 Fax: +27 (12) 804 7073  
 info@ipsafrica.co.za

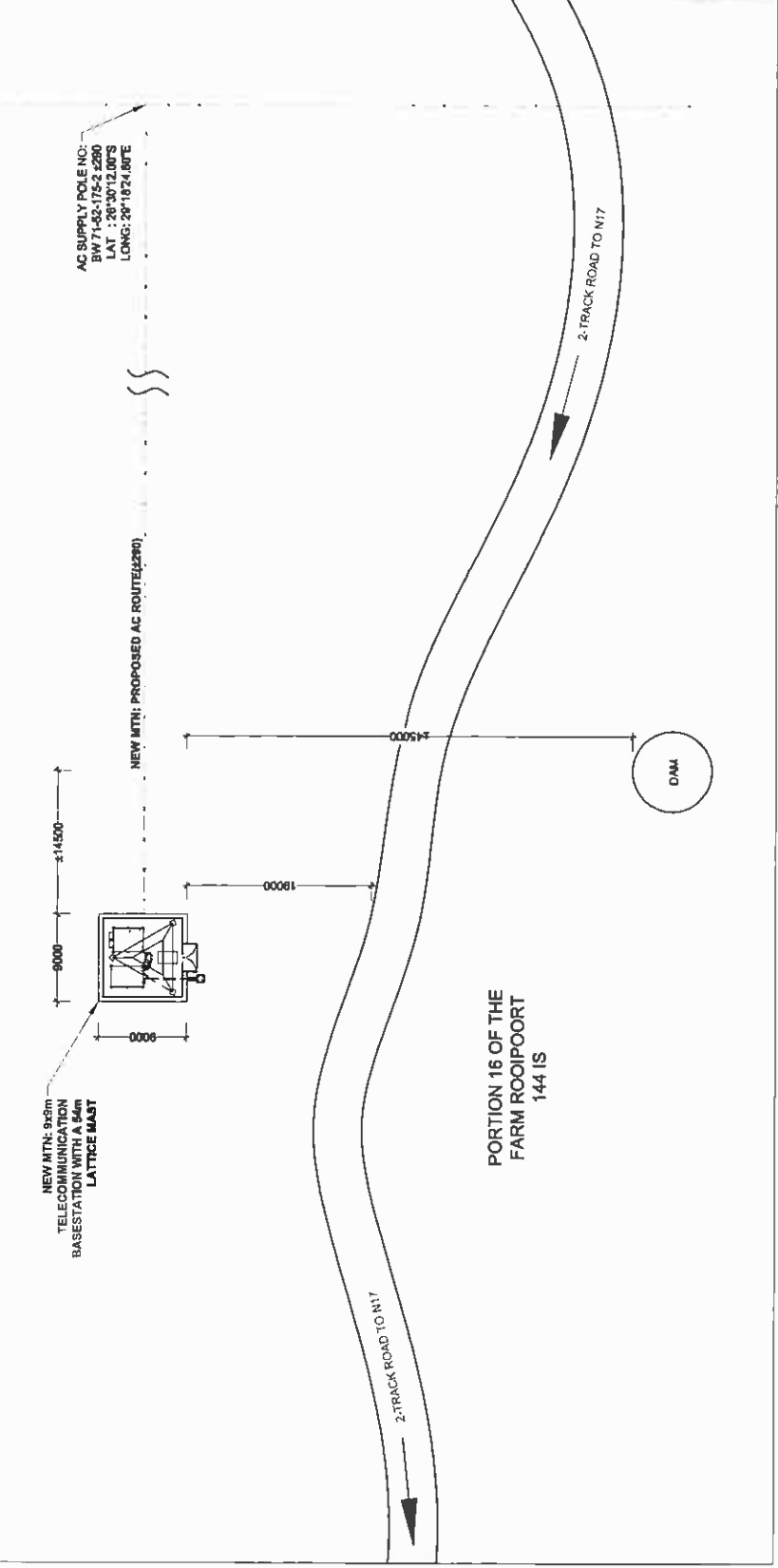
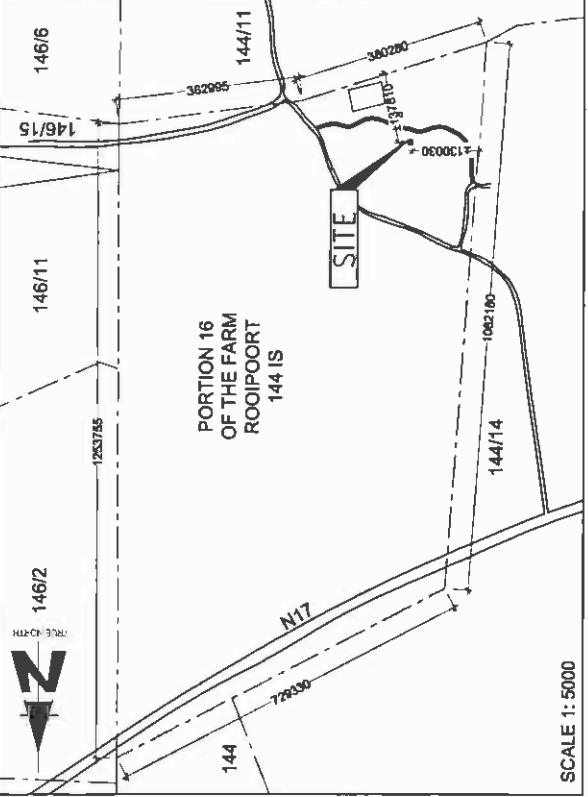
**RFO NO.:** 155093  
**PROJECT NUMBER:** 119078

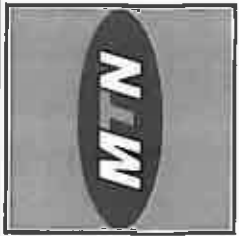
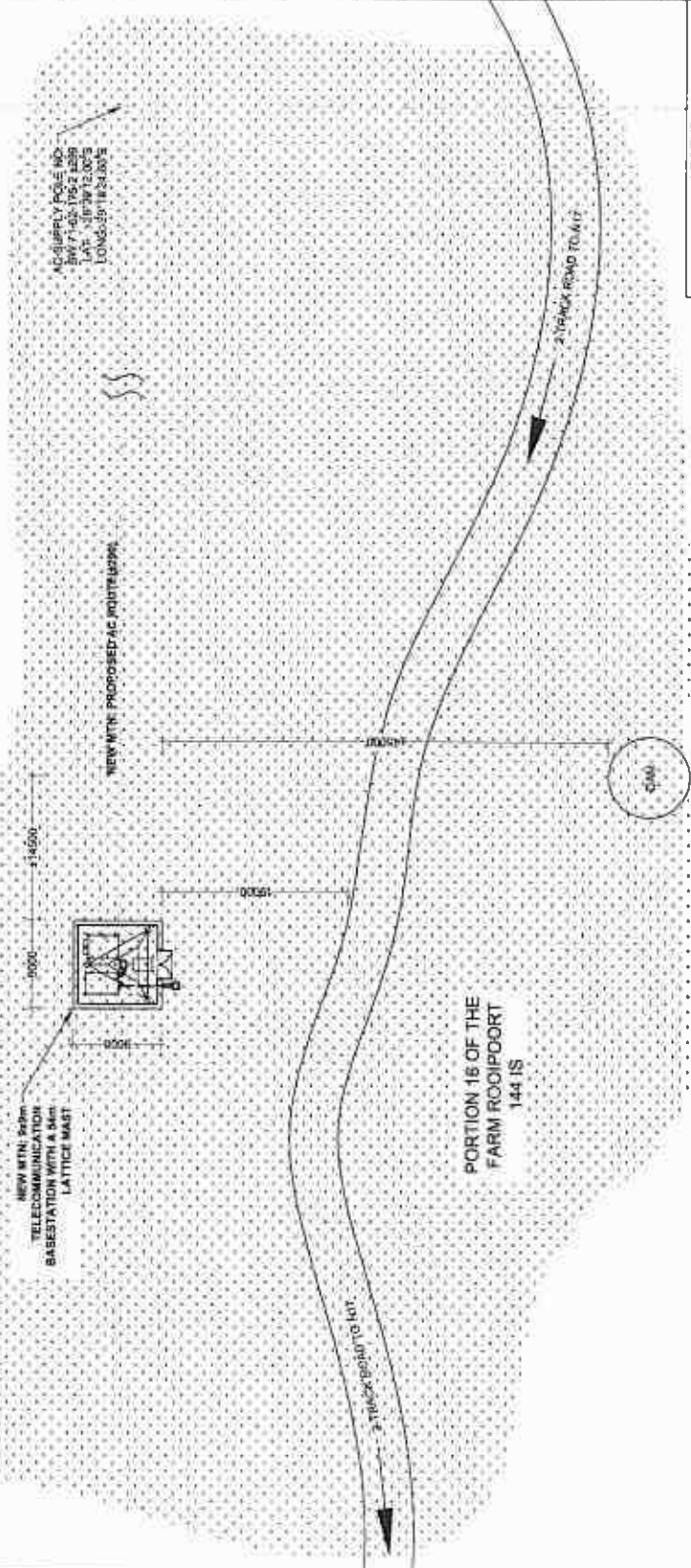
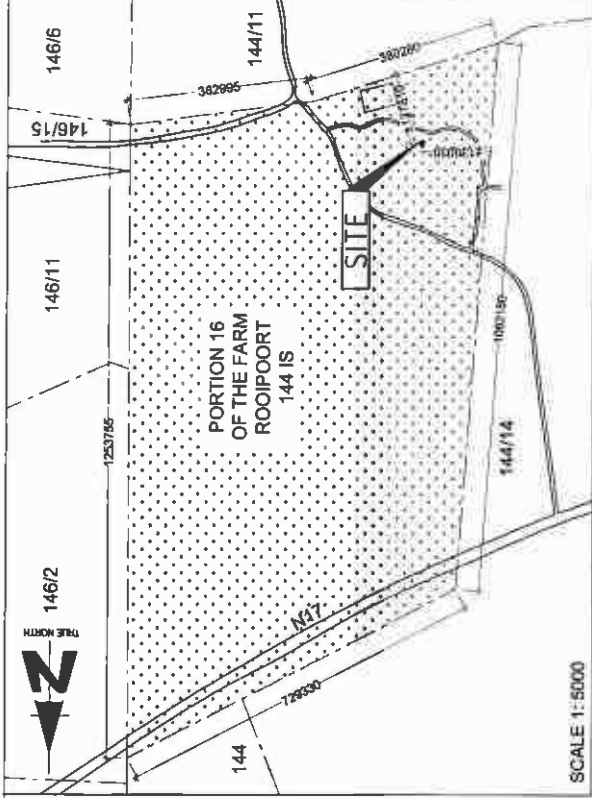
**SCALE:** 1:5000

**DRAWN:** HENDRICK MAKINTA  
**DATE:** 29/11/2011  
**REF. NO:** B12/TW488

**SITE DEVELOPMENT PLAN**  
**SHEET 3 OF 10**

**DISCLAIMER:**  
 DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE  
 USED. DIMENSIONS TO BE VERIFIED BEFORE COMMENCEMENT  
 OF WORK.  
 ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE  
 INFRASTRUCTURE SPECIFICATION 001/1/001  
 ISSUE 1 (REVISION 6 NOVEMBER 2007)





1577 Pretoria Road  
 2001 B. Middelburg  
 Middelburg, 2021  
 Tel: +27 (0)53451900  
 Fax: +27 (0)53451850  
 Pretoria Sales 148  
 Middelburg 149  
 Middelburg 150

**SITE NAME:** RIETFOONTEIN PLAAS

**BASE STATION NUMBER:** T9468

REV	DATE	BY	DESCRIPTION
A	20/11/2011	MM	FIRST ISSUE
B	10/04/2012	MM	ANTENNAE HEIGHT REVISIED

**NOTE:** OWNER APPROVE DRAWING VERSION

**PROPERTY DESCRIPTION:** PORTION 16 OF THE FARM ROOIPOORT 144 IS

**COORDINATES:**  
 LAT: 30° 20' 12.0075  
 LONG: 29° 18' 53.0075

**PROVIDE:** NEW 5x3m TELECOMMUNICATION BASESTATION WITH A 54m LATTICE MAST FOR MTN (PPTY) LTD

**ADDRESS:** ON THE MTN: 5X3M TELECOMMUNICATION BASESTATION WITH A 54m LATTICE MAST FOR MTN (PPTY) LTD

**INFRASTRUCTURE PLANNING SERVICES**



4141 Middelburg  
 Middelburg  
 Tel: +27 (0) 53 451 9000  
 Fax: +27 (0) 53 451 8500  
 www.infrastructure.com

**PROJECT NUMBER:** 118778

**DATE:** 20/11/2011

**SCALE:** 1:5000

**REF. NO.:** 8127B468

**ZONING:** AGRICULTURAL

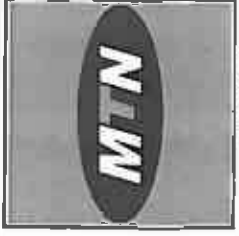
**SHEET:** 4 OF 10

**LEGEND:**

**AGRICULTURAL:**







1971 Pekahele Street  
 Ricard B. Hendricks Complex  
 Harare, ZIMBABWE  
 Tel: +27 (0) 11 231 1600  
 Fax: +27 (0) 11 231 3100  
 Mobile: +27 (0) 82 111 1111

**SITE NAME:** RIETFontein PLAAS

**BASE STATION NUMBER:** T9468

REV	DATE	BY	DESCRIPTION
A	29/11/2011	HM	FIRST ISSUE
B	19/01/2012	HM	ANTENNAE HEIGHT REVISED

**NOTES:**  
 OWNER: JEVON OWEN VERONIK

**PROPERTY DESCRIPTION:**  
 STRICTLY COMPANY CONFIDENTIAL  
 PORTION 18 OF THE FARM ROOPOORT 144 IS

**COORDINATES:**  
 LAT : 20° 30' 13.72" S  
 LONG : 29° 18' 15.23" E

**PROJECT:**  
 NEW 9400m TELECOMMUNICATION BASESTATION WITH  
 A 94m LATTICE MAST FOR MTN (PTY) LTD

**ADDRESS:**  
 OFF THE N17,  
 TRICHARDT RD BETHAL 17km FROM TRICHARDT,  
 MPUMALANGA

**RFQ NO.:**  
 150063

**PROJECT NUMBER:**  
 119379

**SCALE:** 1:5000

**DATE:** 29/11/2011

**REF. NO.:** 812/T9468

**DRAWN BY:** HENDRICK MAKINTA

**DATE:** 29/11/2011

**SCALE:** 1:5000

**CONTOUR INTERVALS:**  
 SHEET 6 OF 10



**411 Buffalo Road**  
 Silverdale  
 0164  
 Tel: +27 (0) 21 841 9946  
 Fax: +27 (0) 21 841 7272  
 admin@ipsinfra.co.za

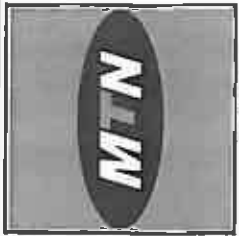
**P.O. Box 32017**  
 Johannesburg  
 20134  
 0114

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

**ALL WORK TO BE PERFORMED ACCORDING TO MTN 915 SITE INFRASTRUCTURE SPECIFICATION P001/001**

**ISSUE 1: 19 FEBRUARY 2007**





1557 Sakhelwa Street  
Block 16, Mankweng Commune  
Mankweng, 0203  
Private Status: 148  
Project No: 11911/1000  
Title No: 11911/1000  
Mankweng Park

SITE NAME: **RIETFontein PLAAS**  
BASE STATION NUMBER: **T19468**

REV	DATE	BY	DESCRIPTION
A	2011/2011	HM	FIRST ISSUE
B	1901/2012	HM	ANTENNAE HEIGHT REVISED

NOTES:  
OWNER: JEVON OWEN VERNON

STRICTLY COMPANY CONFIDENTIAL  
PROPERTY DESCRIPTION:  
PORTION 16 OF THE FARM ROOIPOORT 144 IS

COORDINATES:  
LAT : 29° 30' 13,73" S  
LONG : 29° 18' 15,23" E

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

ADDRESS:  
OFF THE N17,  
TRICHARDT TO BETHAL 17km FROM TRICHARDT,  
MPUJALANGA

**INFRASTRUCTURE PLANNING SERVICES**

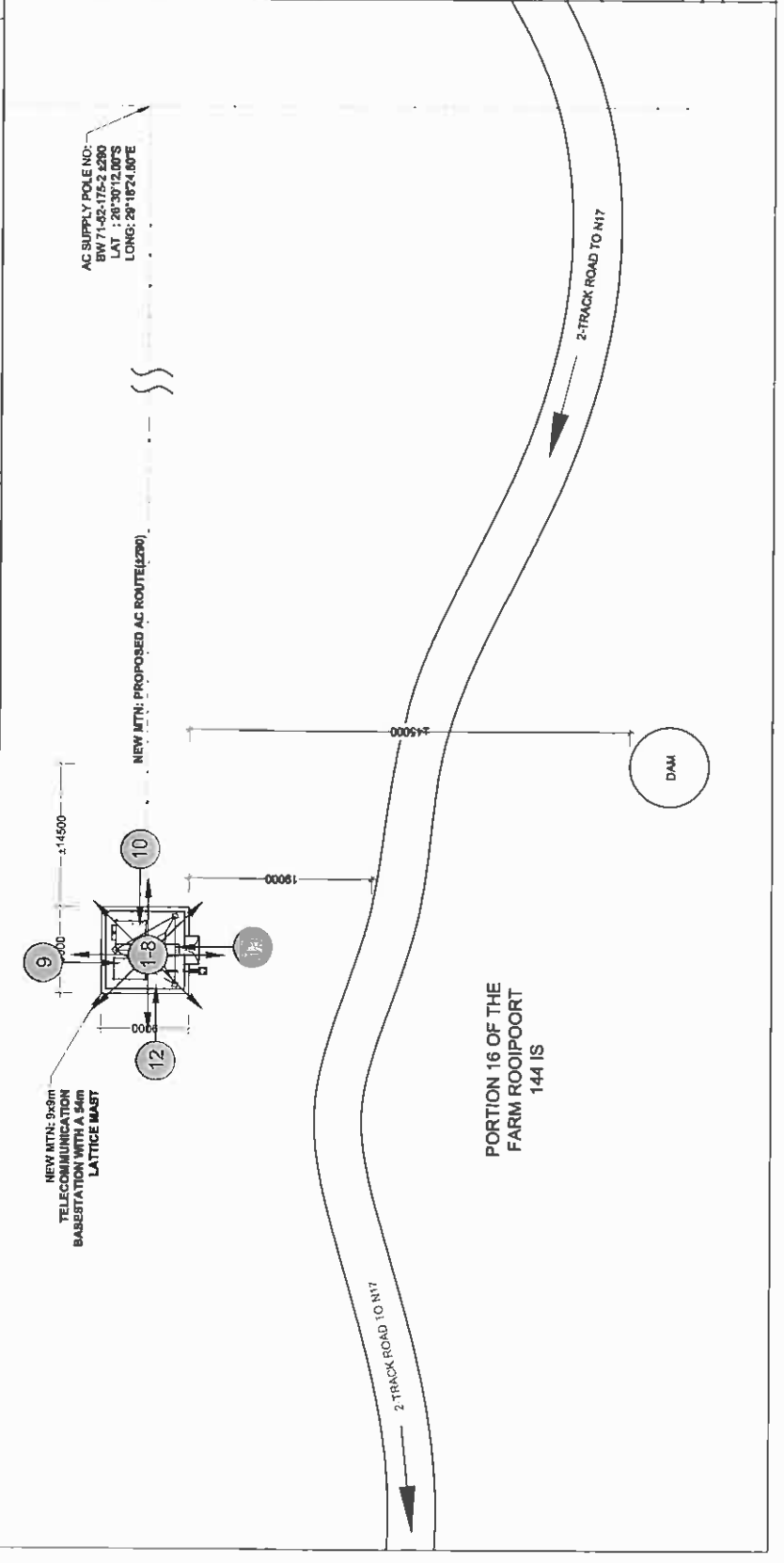
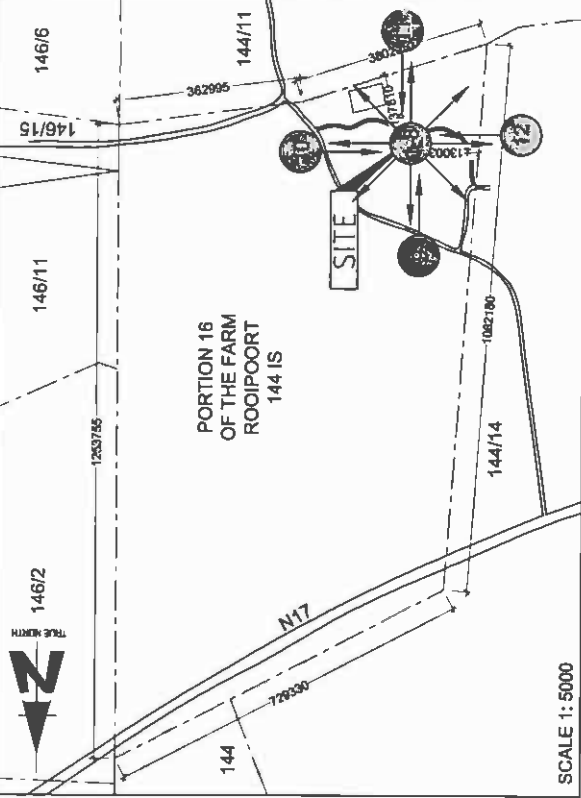
414 Roubic Road  
Blenheimville  
0146  
Tel: +27 (0) 804 18048  
Fax: +27 (0) 804 1073  
www.ipsgroup.co.za  
P.O. Box 20017  
Tlokoeng  
0154

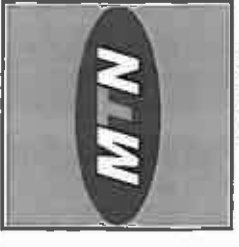
RFID NO: 165083  
PROJECT NUMBER: 119378

DRAWN: HENDRICK MAKINTA | DATE: 2011/2011  
SCALE: 1:500 | REF. NO: 012/19468

DRAWINGS MUST NOT BE USED, ONLY REQUIRED DIMENSIONS 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 RSL/1001 ISSUE 1 (REVISION 0) NOVEMBER 2007

SITE PHOTOGRAPH SHEET 7 OF 10





1207 Pretorius Street  
Block B, Heidelberg Computer  
Hardware, ITMS  
Tel: +27 (12) 342 1000  
Fax: +27 (12) 342 1001  
Private Bag 215  
Heidelberg Park

SITE NAME:  
**RIETFontein PLAAS**

BASE STATION NUMBER:  
**T9468**

REV	DATE	BY	DESCRIPTION
A	28/1/2011	HM	FIRST ISSUE
B	19/01/2012	HM	ANTENNAE HEIGHT REVISED

NOTES:  
OWNER: JETON OMEYERSON

STRICTLY COMPANY CONFIDENTIAL  
PORTION 16 OF THE FARM ROOIPORT 144 IS

COORDINATES:  
LAT : 28° 30' 13,72" S  
LONG : 28° 18' 15,22" E

PROJECT:  
NEW 998m TELECOMMUNICATION BASESTATION WITH  
A 94m LATTICE MAST FOR MTR (PTY)LTD

ADDRESS:  
OFF THE M17  
TRICHARDT TO BETHAL 17km FROM TRICHARDT,  
MPLUMALANGA



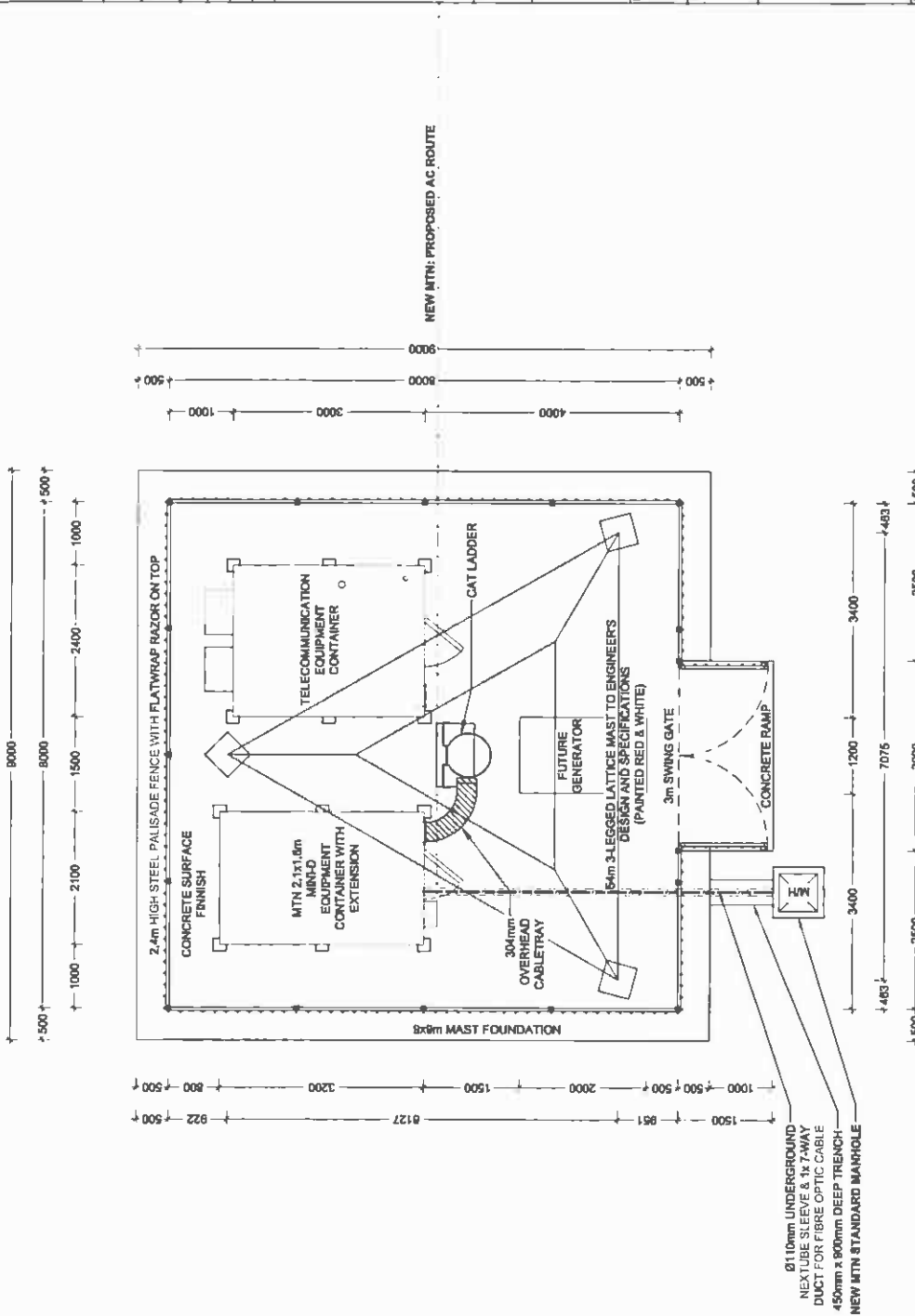
414 Riebeeck Road  
Blenheimville  
016  
www.ipsafrica.com  
P.O. Box 32017  
Toll-free  
0134

RFQ NO:  
150080  
PROJECT NUMBER:  
110079

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 SITE SITE SPECIFICATIONS AND DRAWING NUMBER: 1001  
ISSUE 1 (REVISED 10 NOVEMBER 2011)

DRAWN: HENDRICK MAKINTA | DATE: 28/11/2011  
SCALE: 1:75 | REF. NO: 8127B468

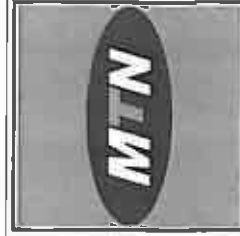
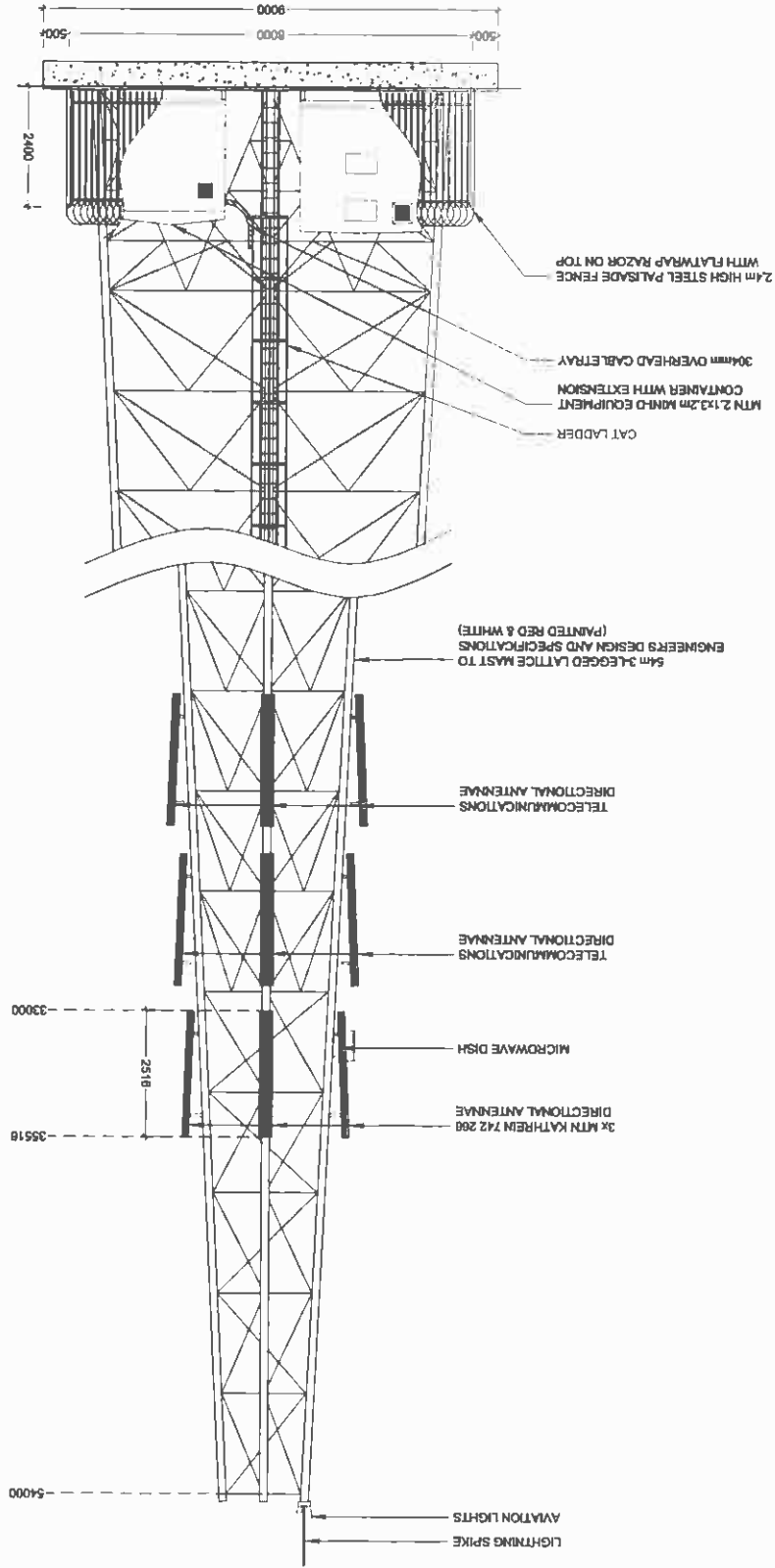
SITE DETAIL  
SHEET 8 OF 10



PORTION 16 OF THE FARM  
ROOIPORT 144 IS

**MTN ANTENNAE KEY**

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	K742 266	33			7/8"	± 36
2	120°	K742 266	33			7/8"	± 36
3	240°	K742 266	33			7/8"	± 36



1547 Pekaia Street  
 Block 15 Telecommunications Complex  
 Hamilton 0803  
 Tel: +27 (0)7 152 8000  
 Fax: +27 (0)7 152 8000  
 www.mtn.co.za

**SITE NAME:** RIETFontein Plaas

**BASE STATION NUMBER:** T9468

REV	DATE	BY	DESCRIPTION
A	28/11/2011	HM	FIRST ISSUE
B	18/01/2012	HM	ANTENNAE HEIGHT REVISED

**NOTES:**  
 OWNER: JAYON OWEN VENNION

**PROPERTY DESCRIPTION:**  
 STRICTLY COMPANY CONFIDENTIAL  
 PORTION 18 OF THE FARM ROOPOORT 144 IS

**COORDINATES:**  
 LAT : 29° 30' 13.73" S  
 LONG : 28° 18' 15.23" E

**PROJECT:**  
 NEW 60m TELECOMMUNICATION BASESTATION WITH  
 A 54m LATTICE MAST FOR MTN (PTY) LTD

**ADDRESS:**  
 OFF THE N7,  
 TRICHARDT TO BETHAL, 17km FROM TRICHARDT,  
 MPUMALANGA



**RFQ NO.:** 165083  
 119378

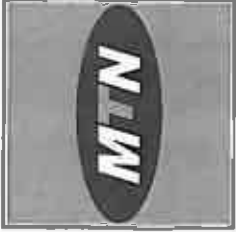
**PROJECT NUMBER:** 165083  
 119378

**CONTACT:**  
 Tel: +27 (0)7 804 18248  
 Silverdale  
 0184  
 info@ipsinfra.com  
 P.O. Box 32017  
 Johannesburg  
 2004

**DRAWN:** HENDRICK MAKINTA  
**DATE:** 28/11/2011  
**SCALE:** 1:100  
**REF. NO.:** 812/TP468

**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 015 SITE INFRASTRUCTURE SPECIFICATION INC 1/101 ISSUE 1 REVISION 0 NOVEMBER 2007**

**NORTH ELEVATION**  
**SHEET 9 OF 10**



2071 Pretorius Street  
 Pretorius Street  
 Hatfield, 2003  
 Tel: +27 (12) 842 2600  
 Fax: +27 (12) 342 8208  
 Pretorius Street  
 Hatfield, 2003

SITE NAME:

**RIETFontein Plaas**

BASE STATION NUMBER:  
**T9468**

REV	DATE	BY	DESCRIPTION
A	28/11/2011	HM	FIRST ISSUE
B	19/01/2012	HM	ANTENNAE HEIGHT REVISED

NOTES:  
 OWNER: JEVON OWEN VERNON

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION:  
 PORTION 18 OF THE FARM ROOPOORT 144 IS

COORDINATES:  
 LAT : 28° 30' 13,73" S  
 LONG : 29° 18' 15,23" E

PROJECT:  
 NEW 900m TELECOMMUNICATION BASESTATION WITH  
 A 51m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:  
 OFF THE N17,  
 TRICHARDT TO BETHAL, 17km FROM TRICHARDT,  
 MPUMALANGA



414 Riebelo Road  
 Middelburg  
 0174  
 Tel: +27 (12) 841 1848  
 Fax: +27 (12) 841 7972  
 info@ips-engineering.co.za

P.O. Box 33017  
 Teyateyanan  
 0154

REQ NO:  
 155063

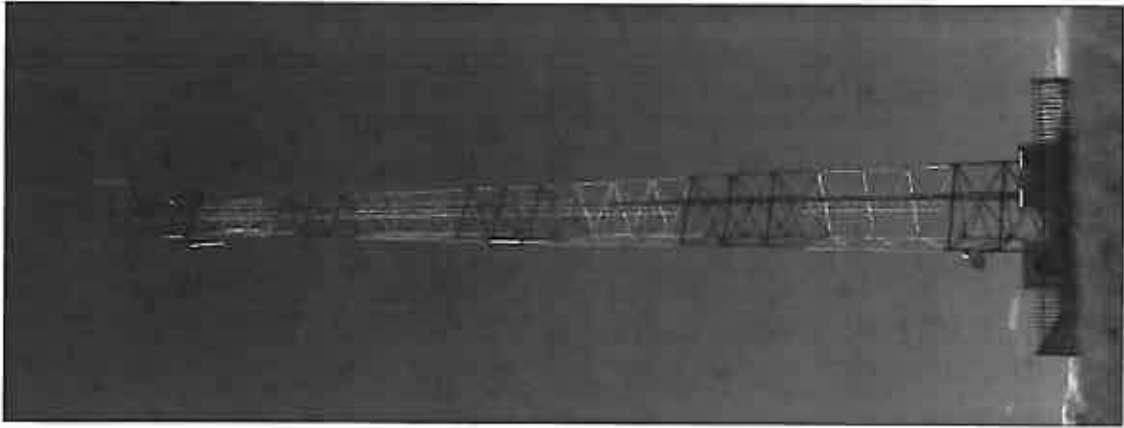
PROJECT NUMBER:  
 119379

DRAWINGS MUST NOT BE SCALED. ONLY REQUIRED DIMENSIONS TO BE  
 USED. DIMENSIONS TO BE VERIFIED BEFORE COMMENCEMENT  
 OF WORK.  
 ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE  
 INFRASTRUCTURE SPECIFICATION R601/001  
 ISSUE 1 REVISION 10 NOVEMBER 2007

DRAWN: HENDRICK MAKINTA | DATE: 28/11/2011

SCALE: NTS | REF. NO: 812/19488

FACILITY ILLUSTRATION  
 SHEET 10 OF 10



TYPICAL LATTICE MAST (PAINTED RED & WHITE)

Our Reference:  
T9468 / 17/2/3 GS-100

Your Reference:

7 June 2012

Mpumalanga Tourism and Parks Agency  
Private Bag x11338  
Nelspruit  
1200



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

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

**DEAR SIR/MADAM**

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) ii (bb), (cc) and (ee) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 16 OF THE FARM ROOIPOORT 144 IS.**

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environment and Tourism to establish a telecommunication base station on **Portion 16 of the Farm Rooipoort 144 IS.**

Attached hereto find:

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

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

Yours faithfully

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

## PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2/3 – GS-100

Regulation 546 activity 3 (a) & (b) : (a) ii (bb), (cc) and (ee) : Establishment of an enclosed telecommunication base station with a 54m mast for MTN (Pty) Ltd: T9468 Rietfontein Plaas

Location: **Portion 16 of the farm Rooipoort 144 IS**

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

Alternative 1: Latitude: 26° 30' 13.73" S Longitude: 29° 18' 15.23" 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 Mpumalanga Department of Economic Development, Environment and Tourism.

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

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

**Environmental Assessment Practitioner (EAP):**

Torbouse Solutions CC.  
P.O. Box 32017, Totiusdal, 0134  
Attention W van't Foot  
Telephone: (012) 804 1504/6; Facsimile: (012) 804 7072  
E-mail: admin@torbousesolutions.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:

7 June 2012

## UHLELO LOKUHLANGANYELA KOMPHEKATHI

INOMBOLO YEREFERENSI: 17/2/3 GS-100

Umyalelo womthetho 546 umsebenzi 3 (a) & (b) : (a) ii (bb), (cc) and (ee) : Isakhiwo esiyizinda sezokuxhumana ngocingo esivalekile se-MTN (Pty) Ltd ene-mast engama-54m kanye nendawo (nezindawo) yokubeka impahla: T9468 Rietfontein Plaas

Indawo: **Portion 16 of the farm Rooipoort 144 IS**

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

Esihlukile 1: Ububanzi: 26° 30' 13.73"S Ubude: 29° 18' 15.23"E  
Induku ye-lattice ependwe ngokubomvu nokumhlophe

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

Izinqubo eziyisisekelo zokuhlola zizosetshenziswa ngokuvumelana nemiyalelo yomthetho 543 base kufakwa isicelo eMnyangweni Wezolimo, Ukunakekelwa kanye neZemvelo WaseMpumalanga. Umenzi wesicelo uhlose futhi ukwenza isicelo kuMnyango Wezolimo waseMpumalanga, Ukulondolozwa Kwamagugu Nezemvelo ukuze akhululwe ngokwemibandela yomthetho 50(1) weMithetho Yokuhlola Kokuthinteka Kwemvelo ka-2010 (R543) ukuze ahlole ezinye izindlela zokuqhubeka nomsebenzi ohleliwe.

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

**Isibenzi Esihlola Ezemvelo (Environmental Assessment Practitioner (EAP)):**

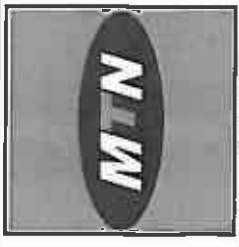
Torbouse Solutions CC., P.O. Box 32017, Totiusdal, 0134  
kuqondiswe ku- W van't Foot  
Ucingo: (012) 804 1504/6, Ifeksi: (012) 804 7072,  
i-e-meyili: admin@torbousesolutions.co.za

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

Usuku lokushicilelwa kweSaziso:

7 June 2012





Site Name: Rietfontein Plaas  
 Base Station Number: T9468

REV	DATE	BY	DESCRIPTION
A	28/11/2011	HM	FIRST ISSUE
B	18/01/2012	HM	ANTENNAE HEIGHT REVISED

NOTES:  
 OWNER: JEVON OWEN VERKOR

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION:  
 PORTION 16 OF THE FARM ROOIPPOORT 144 IS

COORDINATES:  
 LAT : 28° 30' 13.73" S  
 LONG : 29° 18' 15.23" E

PROJECT:  
 NEW 9.9m TELECOMMUNICATION BASESTATION WITH  
 A 54m LATTICE MAST FOR MTN (PTY)LTD

ADDRESS:  
 OFF THE N17,  
 TRICHARDT TO BETHAL 17km FROM TRICHARDT,  
 MPMALANGA

414 Rieffels Road  
 Boshofville  
 0154

Tel: +27 (12) 864 18048  
 Fax: +27 (12) 864 7012  
 admin@ipsplanning.co.za

P.O. Box 52077  
 Tokai  
 0154

RFO NO:  
 150863

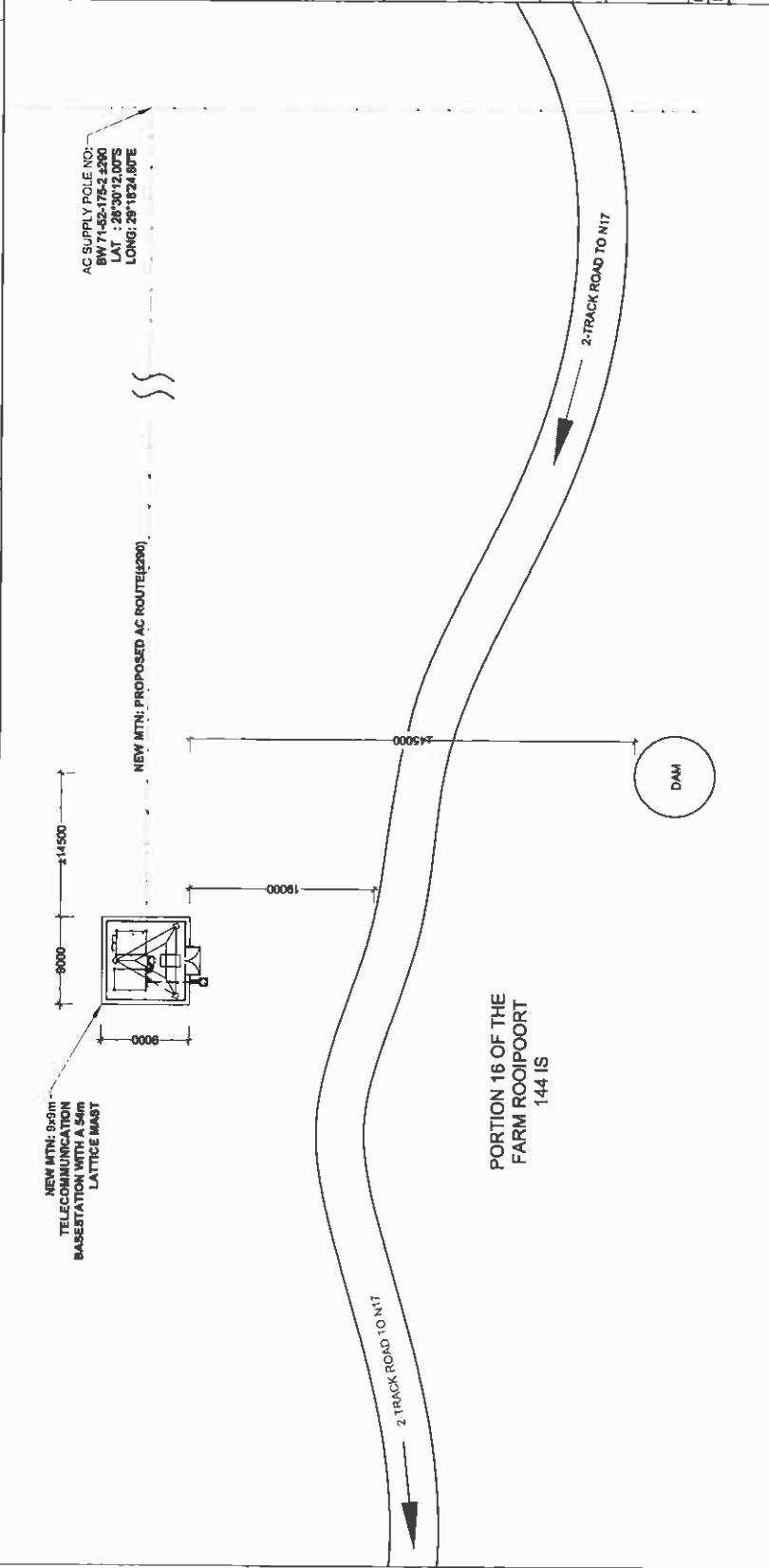
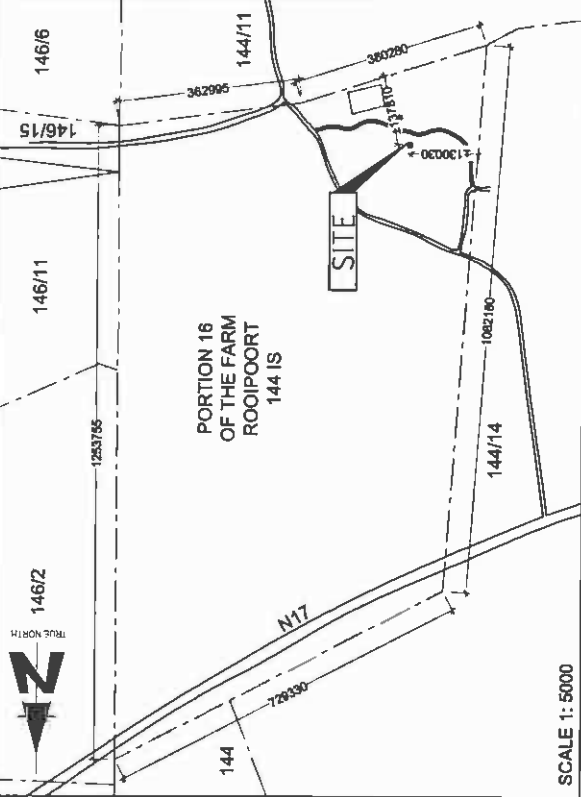
PROJECT NUMBER:  
 119378

CHANGES MUST NOT BE MADE. ONLY REQUIRED DIMENSIONS TO BE  
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT  
 OF WORK.

ALL WORK TO BE PERFORMED ACCORDING TO MTN RFS SITE  
 INFRASTRUCTURE SPECIFICATION 86011001  
 ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: HENDRICK MAKINTA DATE: 29/11/2011  
 SCALE: 1:500 REF. NO: 812/T9468

SITE DEVELOPMENT PLAN  
 SHEET 3 OF 10





9387 Pretorius Street  
 Boksburg, Johannesburg  
 Gauteng, 1459  
 Tel: +27 (11) 794 1900  
 Fax: +27 (11) 794 2000  
 www.mtn.co.za

Project Name: R10  
 Project No: R10

SITE NAME: RIETFontein Plaas

BASE STATION NUMBER: TB468

REV	DATE	BY	DESCRIPTION
A	28/11/2011	HM	FIRST ISSUE
B	18/01/2012	HM	ANTENNAE HEIGHT REVISED

NOTES:

OWNER: JAYON OWEN VERRON

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:

PORTION 18 OF THE FARM ROOFPLOOT 144 B

COORDINATES:

LAT : 26° 30' 13.77" S  
 LONG : 28° 18' 15.23" E

PROJECT:

NEW 900M TELECOMMUNICATION BASESTATION WITH  
 A 50M LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:

OFF THE M17,  
 TRICHARDT TO BETHAL, 17km FROM TRICHARDT,  
 MPUMALANGA



414 Hendrick Street  
 Johannesburg  
 2001  
 Tel: +27 (11) 851 1848  
 Fax: +27 (11) 851 1972  
 www.ipsp.co.za

RFQ NO.:

165009

PROJECT NUMBER:

110279

DRAWINGS MUST NOT BE RECALCULATED. ONLY QUALIFIED ENGINEERS TO BE  
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT  
 OF WORK.

ALL WORK TO BE IN ACCORDANCE WITH THE IPSP  
 INFRASTRUCTURE SPECIFICATION (MAY 2007)  
 ISSUE 1 (REVISED NOVEMBER 2007)

DRAWN: HENDRICK MAKGWITA DATE: 28/11/2011

SCALE: NTS REF: NC181210468

FACILITY ILLUSTRATION

SHEET 10 OF 10



TYPICAL LATTICE MAST (PAINTED RED & WHITE)

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



Post Office

T9468

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

Name and address of sender: .....  
Naam en adres van afsender: .....  
.....  
.....  
.....

INFRASTRUCTURE  
PLANNING SERVICES  
PO BOX 32017  
TUTUSUAL 0134  
TEL (012) 804 1504/3

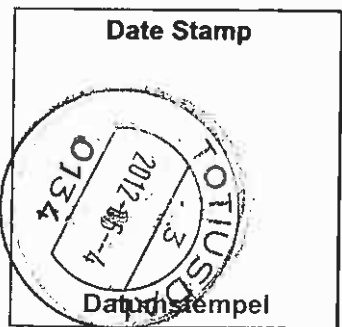
No	Name and address of addressee Naam en adres van geadresseerde	Insured amount Versekerde bedrag	Insurance fee Versekeringsgeld	Postage Posgeld	Service fee Diensgeld	Affix Track and Trace customer copy Plak Volg-en-Spoor-kliëntafskrif	
1	Owner of remaining extent. Portion 2 & 11 (Rietfontein) 146 IS. Trichardt 2300.	Rietfontein 146 IS.				REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RD 748 005 289 ZA CUSTOMER COPY 301028R	
2	Remaining extent. Portion 6 (Rietfontein) 146 Trichardt 2300	Rietfontein 146 IS				REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RD 748 005 261 ZA CUSTOMER COPY 301028R	
3	Portion 2 (Rocipoot) Portion 15 (Rietfontein) 146 IS. Parkview 2122.	Rocipoot & Rietfontein 146 IS				REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RD 748 005 235 ZA CUSTOMER COPY 301028R	
4	Portion 11 (Rocipoot) PO Box 4968 Lydenburg 1120	Rocipoot 144 IS				REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RD 748 005 244 ZA CUSTOMER COPY 301028R	
5	Portion 15 (Rocipoot) 144 IS. PO Box 6231. Zimbali 4418.	Rocipoot 144 IS				REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RD 748 005 258 ZA CUSTOMER COPY 301028R	
6	Owner of remaining extent. (Rocipoot) 144 IS. PO Box 435. Trichardt 2300	Rocipoot 144 IS				REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RD 748 005 275 ZA CUSTOMER COPY 301028R	
7							
8							
9							
10							
Number of letters posted Getal briewe gepos		Total Totaal		R	R	R	R

Signature of client  
Handtekening van klient *G. Muller*

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.



**REGISTERED LETTER  
GEREGISTREERDE BRIEF**

T9513



(With an insurance option/met 'n versekeringsopsie)

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

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

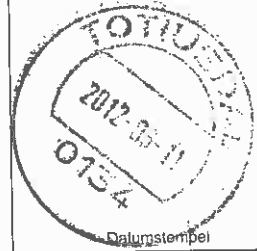
Addressed to/Geadresseer aan  
South African Heritage Agency  
PO Box 4637  
Cape Town  
8000  Postcode  
Poskode

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



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 internasionaal geregistreerde briewe van toepassing.

**REGISTERED LETTER**  
(with a domestic insurance option)  
ShareCall 0800 111 502 www.sapo.co.za

**RD 748 003 654 ZA**

**CUSTOMER COPY 301028R**  
klientafskrif

Paraaf van  
aaneem-  
beample

701281

Our Reference:  
T9513 / 17/2/3 GS-102

Your Reference:

11 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](mailto:admin@torbiousolutions.co.za)

**DEAR SIR/MADAM**

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) ii (bb), (cc) and (ee) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 6 OF THE FARM BLAAUWKOP 271 IT.**

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environment and Tourism to establish a telecommunication base station on Portion 6 of the Farm Blaauwkop 271 IT.

Attached hereto find:

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

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

Yours faithfully

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

## PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2/3 GS-102

Regulation 546 activity 3 (a) & (b) : (a) ii (bb), (cc) and (ee) : Establishment of an enclosed telecommunication base station with a 54m mast for MTN (Pty) Ltd: T9513 Blaauwkop Farm

Location: **Portion 6 of the farm Blaauwkop 271 IT**

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

Alternative 1: Latitude: **26° 31' 55.00"S** Longitude: **30° 15' 17.90"E**  
**Latice 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 was submitted to the Mpumalanga Department of Economic Development, Environment and Tourism.

The applicant furthermore intends to apply to the Mpumalanga Department of Economic Development, Environment and Tourism for exemption in terms of regulation 51(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: W.A. van't Foot

Telephone: (012) 804 1504/6; Facsimile: (012) 804 7072

E-mail: [admin@torbiosesolutions.co.za](mailto:admin@torbiosesolutions.co.za)

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

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

Notice publication date:

7 June 2012

## UHLELO LOKUHLANGANYELA KOMPHEKATHI

INOMBOLO YEREFERENSI: 17/2/3 GS-102

Umyalelo womthetho 546 umsebenzi 3 (a) & (b) : (a) ii (bb), (cc) and (ee) : Isakhiwo esiyisizinda sezokuxhumana ngocingo esivalekile se-MTN (Pty) Ltd ene-mast engama-54m kanye nendawo (nezindawo) yokubeka impahla: T9513 Blaauwkop Farm

Indawo: **Portion 6 of the farm Blaauwkop 271 IT**

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

Esihlukile 1: Ububanzi: **26° 31' 55.00"S** Ubude: **30° 15' 17.90"E**  
**Induku ye-lattice ependwe ngokubomvu nokumhlophe**

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

Izinqubo eziyisisekelo zokuhlola zizosetshenziswa ngokuvumelelana nemiyalelo yomthetho 543 bese kufakwa isicelo eMnyangweni Wezolimo, Ukunakekelwa Kanye neZemvelo WaseMpumalanga. Umenzi wesicelo uhlose futhi ukwenza isicelo kuMnyango Wezolimo waseMpumalanga, Ukulondolozwa Kwamagugu Nezemvelo ukuze akhululwe ngokwemibandela yomthetho 50(1) weMithetho Yokuhlola Kokuthinteka Kwemvelo ka-2010 (R543) ukuze ahole ezinye izindlela zokuqhubeka nomsebenzi ohleliwe.

### Umuntu ofaka isicelo:

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

### Isisebenzi Esihlola Ezemvelo (Environmental Assessment Practitioner (EAP)):

Torbiose Solutions CC., P.O. Box 32017, Totiusdal, 0134

kuqondiswe ku- W van't Foot

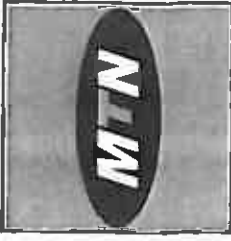
Ucingo: (012) 804 1504/6, Ifeksi: (012) 804 7072.

i-e-meyili: [admin@torbiosesolutions.co.za](mailto:admin@torbiosesolutions.co.za)

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

Usuku lokushicilelwa kweSaziso:

7 June 2012



1287 Ploverburg Street  
Pretoria, South Africa  
Kingsmead, 005  
Tel: +27 (0) 12 342 2900  
Fax: +27 (0) 12 342 9008  
Project Scale: 1:40  
Drawing No: 1/15  
Date: 2011

SITE NAME: T9513

BASE STATION NUMBER: BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
OWNER: JACO DROEBER TRUST

STRICTLY COMPANY CONFIDENTIAL  
PROPERTY DESCRIPTION  
PORTION 6 OF THE FARM BLAAUKOP 271 IT

COORDINATES:  
LAT: 28° 31' 55.00" S  
LONG: 30° 15' 17.50" E

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

ADDRESS:  
OFF THE T65 TOWARDS ERMELO,  
ON RIGHT HAND SIDE.



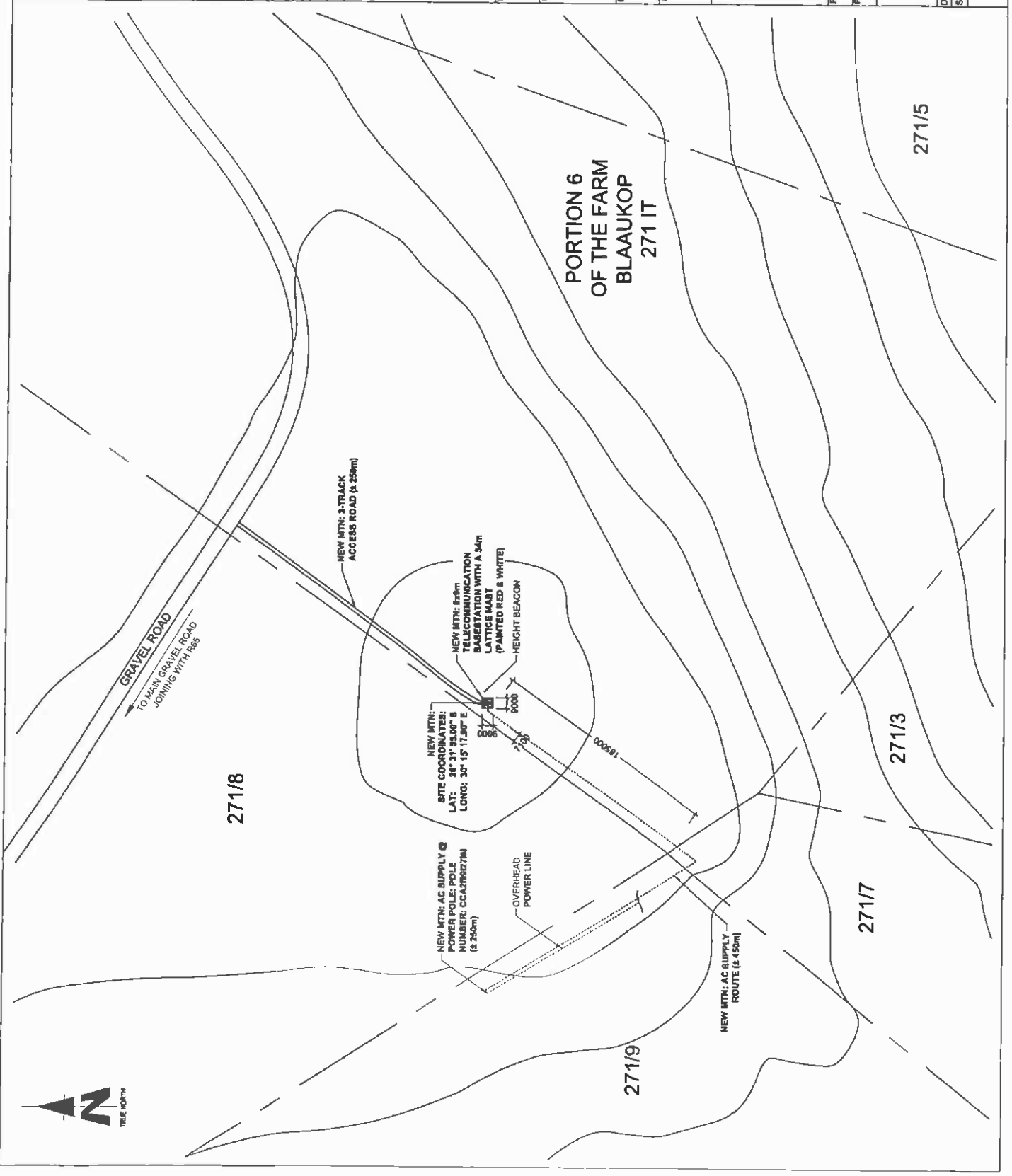
111 Ploverburg Street  
Pretoria, South Africa  
Kingsmead, 005  
Tel: +27 (0) 12 342 2900  
Fax: +27 (0) 12 342 9008  
P.O. Box 12017  
Pretoria, 0001  
0124

RFQ NO.: 155087  
PROJECT NUMBER: 120189

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 R13 SITE INFRASTRUCTURE SPECIFICATION (R01/10/11)  
ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: JAN MALAN  
SCALE: 1:3000  
DATE: 30/11/2011  
REF. NO: 61278913

SITE DEVELOPMENT PLAN  
SHEET 3 OF 9



271/8

PORTION 6  
OF THE FARM  
BLAAUKOP  
271 IT

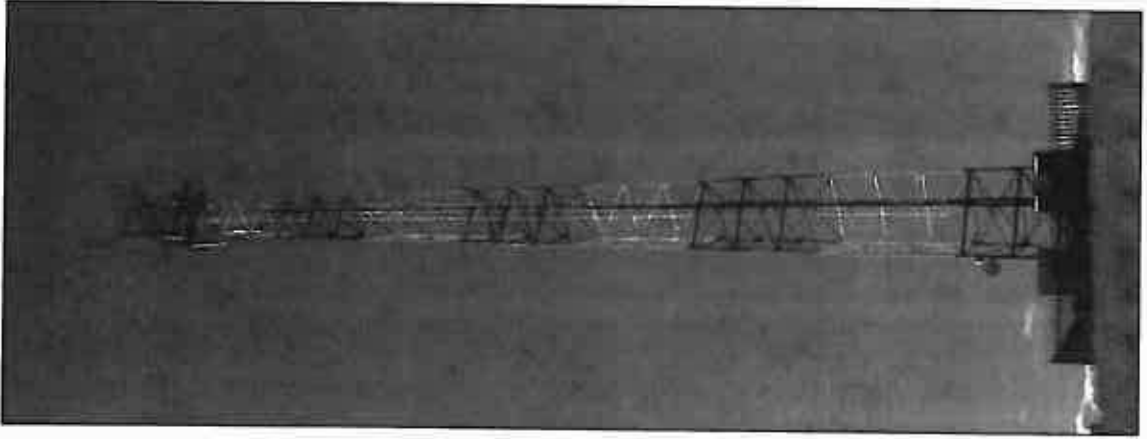
271/5

271/3

271/7

271/9

PROPOSED



TYPICAL LATTICE MAST  
(PAINTED RED & WHITE)



1201 Persimmon Boulevard  
 Atlanta, Georgia 30329  
 TOLL FREE: 1-877-456-6673  
 TEL: 404-531-2000  
 FAX: 404-531-2001

SITE NAME: **T9513**

BASE STATION NUMBER: **BLAAUKOP FARM**

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
 OWNER: JACO COORNAER TRUST

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION:  
 PORTION 8 OF THE FARM BLAAUKOP 271 IT

COORDINATES:  
 LAT: 28° 31' 55.00" S  
 LONG: 30° 18' 17.00" E

PROJECT:  
 NEW 800m TELECOMMUNICATION INFRASTRUCTURE  
 WITH A 84m LATTICE MAST  
 FOR MTN (PTY) LTD

ADDRESS:  
 OFF THE T88 TOWARDS ERMELOD,  
 ON RIGHT HAND SIDE.



141 Persimmon Boulevard  
 Atlanta, Georgia 30329  
 TOLL FREE: 1-877-456-6673  
 TEL: 404-531-2000  
 FAX: 404-531-2001

PROJECT NUMBER:  
 120189

DRAWN: JAN MALAN  
 DATE: 30/11/2011  
 REF. NO: 812/18913

SCALE: NTS  
 FACILITY ILLUSTRATION  
 8 OF 8



**REGISTERED LETTER  
GEREGISTREERDE BRIEF**

T9513



(with an insurance option/met 'n versekeringsopsie)

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

Addressed to/Geadresseer aan

Mpumalanga Tourism & Parks  
Agency - Private Bag X11338  
Nelspruit  
1200

Postcode  
Poskode

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

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

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

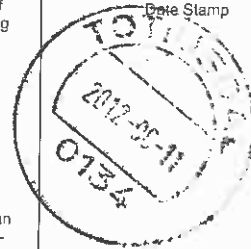
Insured value of contents

Versekerde waarde van inhoud R \_\_\_\_\_ c

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

Initial of  
accepting  
officer

Date Stamp



70331

**REGISTERED LETTER**  
(with a domestic insurance option)  
ShareCall 0800 111 502 [www.sspo.co.za](http://www.sspo.co.za)  
RD 748 003 668 ZA

**CUSTOMER COPY 301028R**  
Plak Volg-en-spoor  
klientafskrif

Paraaf van  
aaneem-  
beemple

Datumstempel

**G1(c) – SACAA Approval**

**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](mailto:strohl@caa.co.za)  
**Tel. 011 545 1232**  
**Fax. 011 545 1451**

23 April 2007

Turbiose Solutions  
P O Box 32017  
Totiosdal  
0134

To: Mr Wim Anholts

Communication structure,

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

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

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

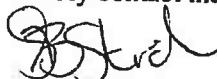
Intermediate lights shall be placed at a position midway between the top of the structure and the ground and shall consist of at least three steady burning red aeronautical obstruction lights of at least 32 candela each, on the same vertical plane and spaced not more than 120 degree horizontally. At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

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

*Note-.*

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

Kindly contact the writer if more information is required.



Lizell Stroh

**AERODROME SAFETY OVERSIGHT**

**G1(d) – Proof of Newspaper Advertisement**

CLASSIFIEDS

**Legals**

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

**0910 Public / Legal Notices**

**NOTICE**  
PUBLIC PARTICIPATION PROCESS  
REFERENCE NUMBER: 17/2/3 GS-102  
Regulation 546 activity 3 (a) & (b): (a) i (bb), (cc) and (ee): Establishment of an enclosed telecommunication base station with a 54m mast for MTN (Pty) Ltd: T9513 Blaaukop Farm  
Location: Portion 6 of the farm Blaaukop 271 IT Co-ordinates (WGS84 format) of the alternatives on the above property.  
Alternative 1: Latitude: 26° 31' 55.00"S Longitude: 30° 15' 17.90"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 was submitted to the Mpumalanga Department of Economic Development, Environment and Tourism.  
The applicant furthermore intends to apply to the Mpumalanga Department of Economic Development, Environment and tourism for exemption in terms of regulation 50(1) of the Environmental Impact Assessment Regulations 2010 (R543) to assess alternatives with regard to the planned activity.  
Applicant: MTN (Pty) Ltd P O Box 4559, Northcliff, 2115.  
Environmental Assessment Practitioner (EAP): Torbious Solutions CC. Attention: W van't Foot

**NOTICE**  
PUBLIC PARTICIPATION PROCESS  
REFERENCE NUMBER: 17/2/3 GS-100  
Regulation 546 activity 3 (a) & (b): (a) i (bb), (cc) and (ee): Establishment of an enclosed telecommunication base station with a 54m mast for MTN (Pty) Ltd: T9468 Rietfontein Plaas  
Location: Portion 16 of the farm Rooipoort 144 IS Co-ordinates (WGS84 format) of the alternatives on the above property.  
Alternative 1: Latitude: 26° 30' 13.73" S Longitude: 29° 18' 15.23" 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 was submitted to the Mpumalanga Department of Economic Development, Environment and Tourism.  
The applicant furthermore intends to apply to the Mpumalanga Department of Economic Development, Environment and tourism for exemption in terms of regulation 50(1) of the Environmental Impact Assessment Regulations 2010 (R543) to assess alternatives with regard to the planned activity.  
Applicant: MTN (Pty) Ltd P O Box 4559, Northcliff, 2115.  
Environmental Assessment Practitioner (EAP): Torbious Solutions CC. Attention: W van't Foot

P.O. Box 32017, Totiusdal, 0134  
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: 7 June 2012  
BV003524

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**NOTICE**  
**NOTICE IN RESPECT OF A LICENCE APPLICATION IN TERMS OF THE PETROLEUM PRODUCTS ACT, 1977 (ACT 120 OF 1977)**

This notice serves to inform interested and affected parties that PATSON NKUYUMU TWALA, hereinafter referred to as "the Applicant", has submitted an application for a RETAIL LICENCE, Application Number: G/2012/04/02/0002 and SITE licence, Application Number G/2012/04/02/0001

**ERF 8 KILDARE TRUST, THULAMAHASHE KILDARE-TRUST 8, THULAMAHASHE, BUSHBUCKRIDGE**

The purpose of the application is for the applicant to be granted a licence to undertake petroleum retailing activities as detailed in the application. Arrangements for viewing the application documentation can be made by contacting the Controller of Petroleum Products by:  
\* Telephone: 013-653-0500  
\* Fax: 086-607-0735  
\* E-mail: sponono.ntuli@energy.gov.za

Any objections to the issuing of a license in respect of this application, which must clearly quote the application number above, must be lodged with the Controller of Petroleum Products within a period of twenty (20) working days from the date of publication of this notice. Such objections must be lodged at the following physical or postal address:  
**Physical address:** The Regional Director, Department of Energy, The Province House (3rd Floor), CNR Kruger and Botha Street, Witbank, 1035  
**Postal address:** The Regional Director, Department of Energy (MP Region), Private Bag X7279, Witbank, 1035

Enjoy the sweet taste of success  
Tsb Sugar  
CAREERS IN SUGAR

**Occupational Health Sister Legal and Risk Services**

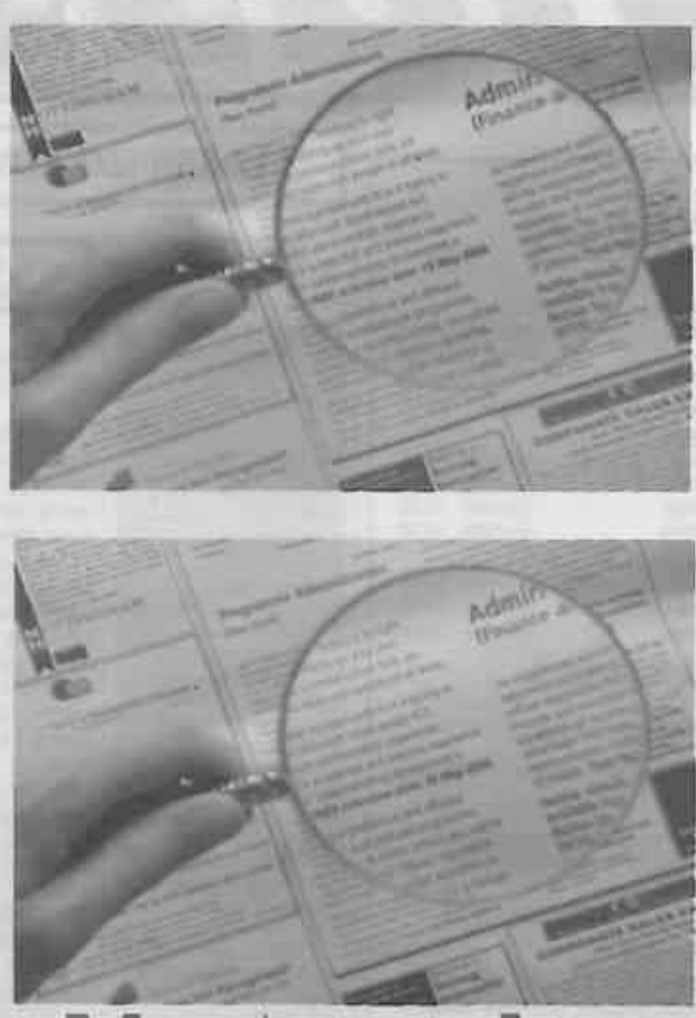
A vacancy for an Occupational Health Sister exists in our Clinic Department. Reporting to the Head: Occupational Health Services, the successful candidate will be responsible for rendering a comprehensive occupational health service to the Tsb workforce. Functions include primary healthcare, doctor and hospital referrals as well as report writing. The incumbent will supervise and monitor patients with chronic conditions, attend to injuries on duty and conduct medical examinations and biological monitoring, dispense medicine professionally and in an ethical manner, and conduct the dispensing practice according to all legal requirements. He/she will also identify and report safety-related issues, keep clear and accurate records of all actions which he/she performs, as well as educate and encourage workers to take responsibility for their own health. Ensuring compliance with the Occupational Health and Safety Act and other relevant legislation and relieving at the satellite clinics when and where needed will also form part of his/her duties.

The position requires a person with effective professional and interpersonal skills who are adaptable and have the ability to work well under pressure, think ahead as well as plan and organise his/her workload. Applicants need to be registered with the Nursing Council of South Africa as a Professional Nurse and have 5 years' experience in Occupational and Primary Healthcare. A degree/diploma in General Nursing, Midwifery and Community Health Nursing, degree/diploma in Occupational Health and degree/diploma in Primary Healthcare Nursing are further requirements. The successful candidate must also hold a Certificate of Competence in Dispensing for Healthcare Professionals and Certificates in Audiometry and Spirometry. The ability to communicate in English and SiSwati, computer literacy (Outlook, Word and Excel) and a valid Code 08 driver's licence are essential. Experience and a relevant qualification in HIV/AIDS Management would be advantageous.

Please forward your written application, together with full personal and career details, to: Recruitment and Selection, Tsb, PO Box 47, Malalane 1320 or fax: 086 603 5984 or e-mail: jobs@tsb.co.za

To ensure that your application is considered, clearly state "Occupational Health Sister" in your application.  
**Closing date:** 15 June 2012  
Tsb promotes the principles of Employment Equity  
Should you not hear from us within 14 days of the closing date of this advertisement, please accept that your application was unsuccessful.

**Vacancies**



**Vacancies**

**SURVEYOR GENERAL PUPIL SURVEY OFFICER (65 POSTS)**  
Salary: R138 380 per annum (all-inclusive package) (Level 5) (2-year contract posts)

• Pretoria (Ref. S8/3/2012/308) • North West (Ref. S8/3/2012/309) • Limpopo (Ref. S8/3/2012/310) • Nelspruit (Ref. S8/3/2012/311) • KwaZulu-Natal (Ref. S8/3/2012/312) • Bloemfontein (Ref. S8/3/2012/313) • Eastern Cape (Ref. S8/3/2012/314) • Western Cape (Ref. S8/3/2012/315) • Chief Directorate: National Geospatial Information: Mowbray (Ref. S8/3/2012/316)

**Requirements:** Must have completed Grade 12/Standard 10 with Mathematics and Physical Science as passed subjects; SG C/minimum level 4 OR HG D minimum level 4 on both subjects and should be located in rural areas (Mathematics Literacy will not be considered).

**Duties:** • The successful candidates will attend an in-house 18-month structured Survey Officer's Course and undergo practical training and simultaneously perform duties on the technical examination for approval of Surveys performed in accordance with the Land Survey Act, No 8 of 1997, the Sectional Title Act, No 95 of 1986 and the Regulations promulgated under these Acts • Capture, preserve and maintain all reports already approved, including the compilation and amendment of plans as may be required • Issue survey data of Land Surveyors in terms of regulation of the Land Survey Act as well as assist the general public in the CIC/Plan Safe with queries related to Geomatics.

**Note:** This is a 2-year programme, during the first year the selected candidates will be exposed to a training programme and practical work. The Branch is based in eight Provinces and applicants must indicate in which Province they prefer to be placed. The Department retains the right to place the candidates where their skills are required. The selected candidates will sign a 2-year contract with the Department.

**The suitable candidates will be selected with the intention of promoting representivity and achieving affirmative action targets, as contemplated in the relevant component's Employment Equity Plan.**

**The Department reserves the right not to appoint any applicants to these positions and to conduct pre-employment security screening.**

Applications must be submitted on form Z83, obtainable from any Public Service Department, and should be accompanied by a comprehensive Curriculum Vitae (previous experience must be comprehensively detailed) and certified copies of qualifications, service certificates and Identification Document. Applicants with foreign qualifications must submit a SAQA evaluation report on the qualifications. Non-SA citizens must attach a certified copy of proof of permanent residence in South Africa. Applicants must also provide the full names, addresses and telephone numbers of at least 3 referees. Failure to submit the requested documents may result in your application not being considered (applications lacking evidence of relevant experience will not be considered). If you apply for more than one post in the Department, please submit a separate application form for each post. Applicants will be expected to be available for selection interviews at a time, date and place as determined by the Department. If you have not been contacted for an interview within 3 months of the closing date, please assume that your application was not successful. Correspondence will be entered into with shortlisted candidates only.

**PERSONS WITH DISABILITIES ARE ENCOURAGED TO APPLY.**

Please forward your application, quoting the relevant reference number and the name of the publication in which you saw this advertisement, to: The Department of Rural Development and Land Reform, Private Bag X833, Pretoria 0001 or hand deliver to 184 Jeff Masemola (formerly known as Jacob Mare Street), corner of Jeff Masemola and Paul Kruger Streets, Pretoria, for the attention of: Human Resource Management.  
**Closing date:** 15 June 2012  
Applications received after the closing date will not be considered.

**rural development & land reform**  
Department: Rural Development and Land Reform  
REPUBLIC OF SOUTH AFRICA

**G2: Motivation for Exemption of assessing alternatives**

Our Reference:  
T9468 Rietfontein Plaas

Your Reference:  
17/2/3 GS-100

T 9468

17 September 2012

Mpumalanga Department of Economic Development,  
Environment and Tourism  
The Deputy Director  
Environmental Impact Management  
Gert Sibande District Office  
13 de Jager Street  
Ermelo  
2350



Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road  
Silvertondale, 0184  
Pretoria

Tel: (012) 804 1504/ 6

Fax: (012) 804 7072

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

Attention: **Surgeon Marebane**  
Fax No: 072 814 5409  
E-mail: [stmarebane@mpg.gov.za](mailto:stmarebane@mpg.gov.za)

Dear Sir,

**MOTIVATION FOR EXEMPTION FROM ASSESSING ALTERNATIVES IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 ("NEMA") AS AMENDED TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION MAST ON PORTION 16 OF THE FARM ROOIPOORT 144 IS**

In terms of Regulation 50 of the EIA Regulations, August 2010, as contemplated in subregulation 22 (2)(h), we hereby apply for exemption from assessing alternatives in this application.

**Motivation:**

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

The Portion 16 of the farm Rooipoort 144 IS, where the establishment is proposed was identified by the radio planners of MTN as the best position to place the mast to reach the transmission coverage on the MTN network. The site is on a farm with disturbed grassland. Environmental impact at this site and on this property will be limited to the visual aspect, as well as the grass that need to be removed from the 81m<sup>2</sup> footprint area. The development is planned within open grassland where no large trees or any endangered plants will need to be removed. The neighbouring properties were not regarded as feasible site alternatives due to more limitations on the network coverage, as well as possible increased impact on the site footprint area where more indigenous vegetation would have to be removed. The environmental impact on the footprint area would most probably be of much higher significance if the site was moved to another locality within a certain radius from the proposed site.

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

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



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

The proposed design of the activity is a 54m high lattice telecommunication mast. The 54m height is required to reach the transmission network coverage on the MTN network. The lattice type mast is the only design alternative that provides the required equipment capacity and wind-load capacity. A monopole type mast is not considered a feasible option for this specific development because of more restrictions with regard to the equipment and wind-load capacity. Further disadvantage of a monopole type mast is increased visibility due to the more solid type structure against the sky background. The SACAA (South African Civil Aviation Authority) requires day and night markings for all masts above 45m of height, meaning the mast has to be painted red and white with red lights on top for maximum visibility to aircraft to prevent aircraft accidents. Therefore, no other design or colour alternatives are considered to be feasible due to the red and white colour requirement of the SACAA.

**(d) The technology to be used in the activity:**

MTN Kathrein directional antennae (x3) and 600mm Microwave dish to be placed at top of mast. Telecommunications vendor antennae (x6) to be placed underneath the Kathrein antennae by possible future share parties. 1 Microwave Dish to be placed between antennae. 2 Feeder cables to each antenna (x22). MTN mini-D equipment container (with extension) to be placed on ground level under the mast, with space for equipment container for future share party. New MTN standard concrete manhole for future fibre optic link with 110mm underground nextube sleeve for fibre optic cable from the manhole to the equipment container. The proposed technology used for this mast will have minimum impact on the environment and there is no alternative technology available to reach the required network coverage.

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

- Increased electricity consumption on the existing supply grid: The infrastructure is designed to operate on economical electricity consumption. A generator will be installed as a backup electricity supply in the event of a power failure. There are no feasible alternatives available to replace electrical power supply.
- Noise generation by air conditioning units and by backup generator if electricity supply fails: The air conditioning units and backup generator operate at very low and well accepted noise levels. There are no feasible alternatives to replace the air conditioning units or the backup generator.
- Non-ionising electromagnetic fields on allocated frequency: The electromagnetic fields are well below the accepted level to prevent any damage to living organisms (within International Commission on Non-ionising Radiation Protection, ICNIRP, and World Health Organisation, WHO, guidelines) and are restricted within the allocated frequency. There are no feasible alternatives to obtain the required network coverage within the allocated frequency.
- Increase in potential air traffic obstacles: Lower mast options are not feasible alternatives to reach the required network coverage as this would require multiple mast applications to reach the same network coverage with increased environmental impact on the footprint area of several masts as well as increased visual impact on each separate mast development.
- Visual impact of the 54m lattice mast painted red & white on short, medium and long distance observation: Other design, height or colour alternatives are not feasible as prescribed above.

We trust that the above motivation is sufficient to consider and approve this application for exemption from assessing several site alternatives.

Kind Regards,



**Wilbert van't Foort**

**For: Torbious Solutions cc**