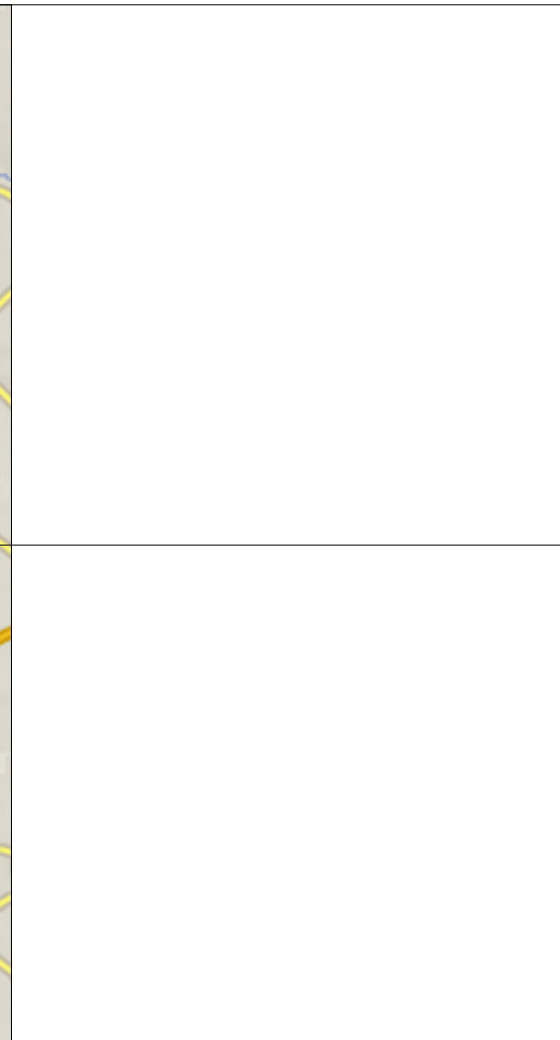
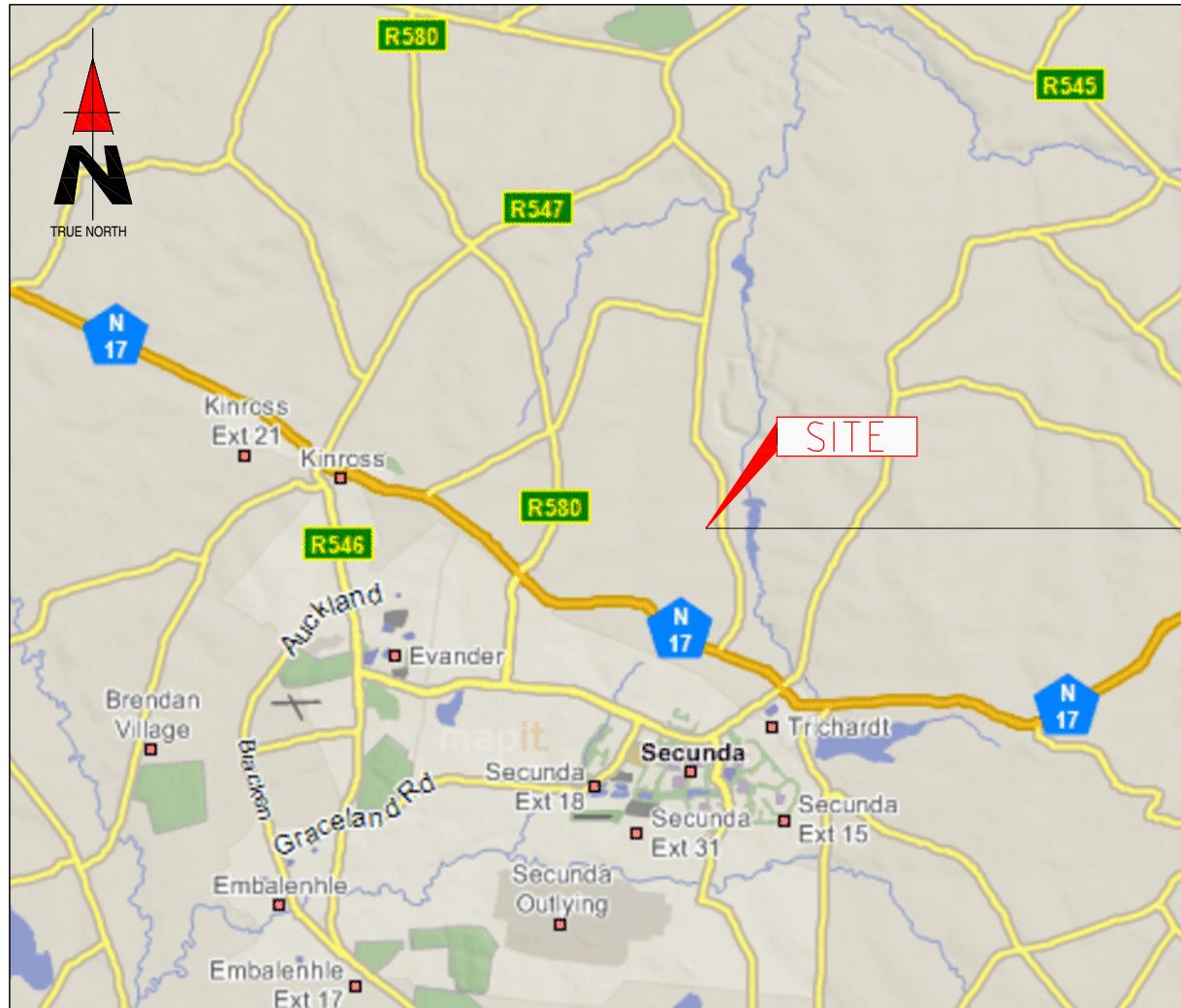


**Appendix A: Site Plans**



**T9467**  
SYFERFONTEIN



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

SITE NAME: **SYFERFONTEIN**

BASE STATION NUMBER: **T9467**

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

NOTES:  
OWNER: VOSSTOFFEL PTY LTD

STRICTLY COMPANY CONFIDENTIAL  
PROPERTY DESCRIPTION:  
PORTION 20 (REMAINING EXTENT)  
OF THE FARM TWEEDRAAI 139 IS

COORDINATES:  
LAT : 26° 26' 05.36" S  
LONG : 29° 12' 25.19" E

PROJECT:  
NEW 9x9m TELECOMMUNICATION BASESTATION  
WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:  
OFF N17 NEAR 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

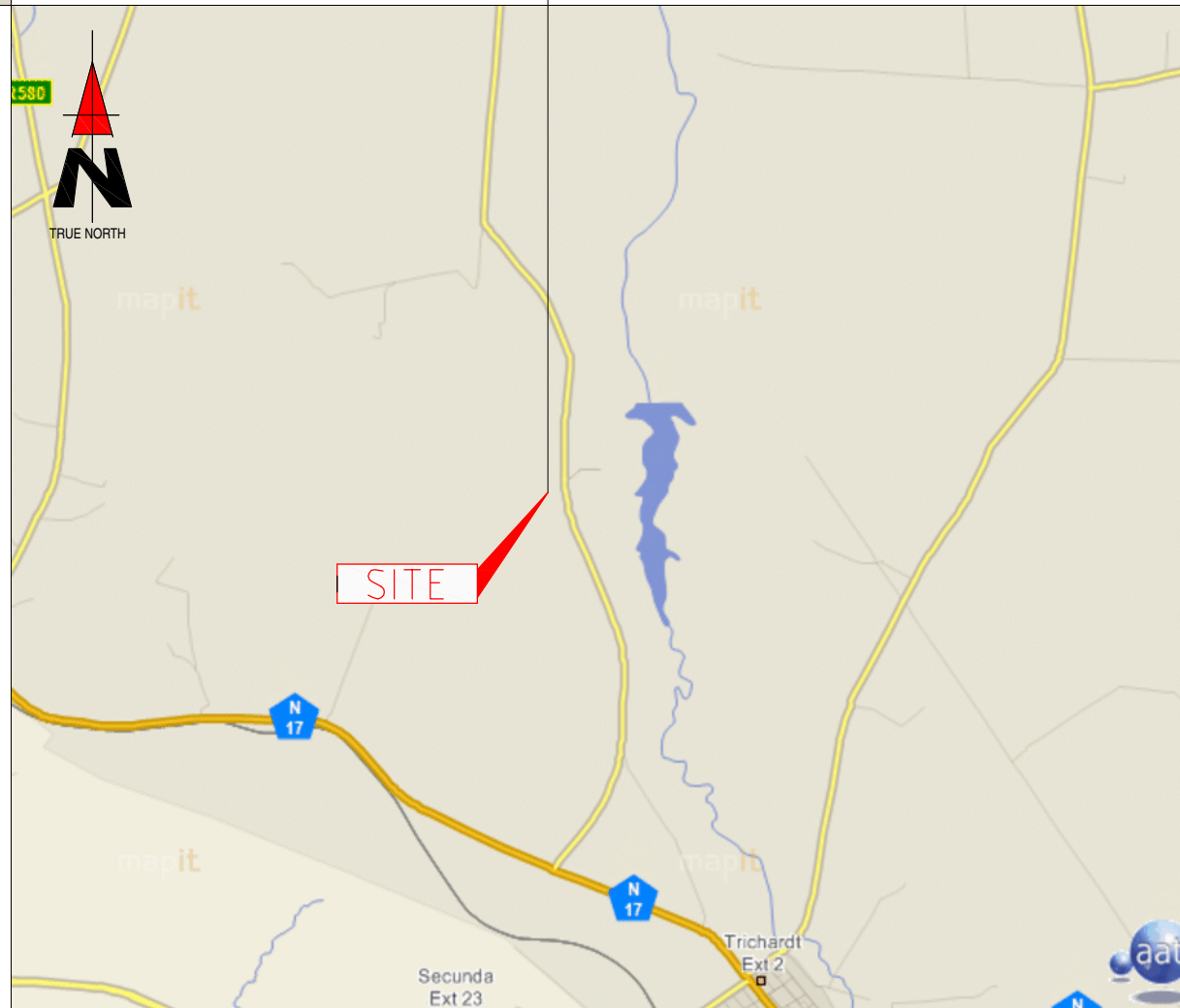
RFQ NO.:  
152082

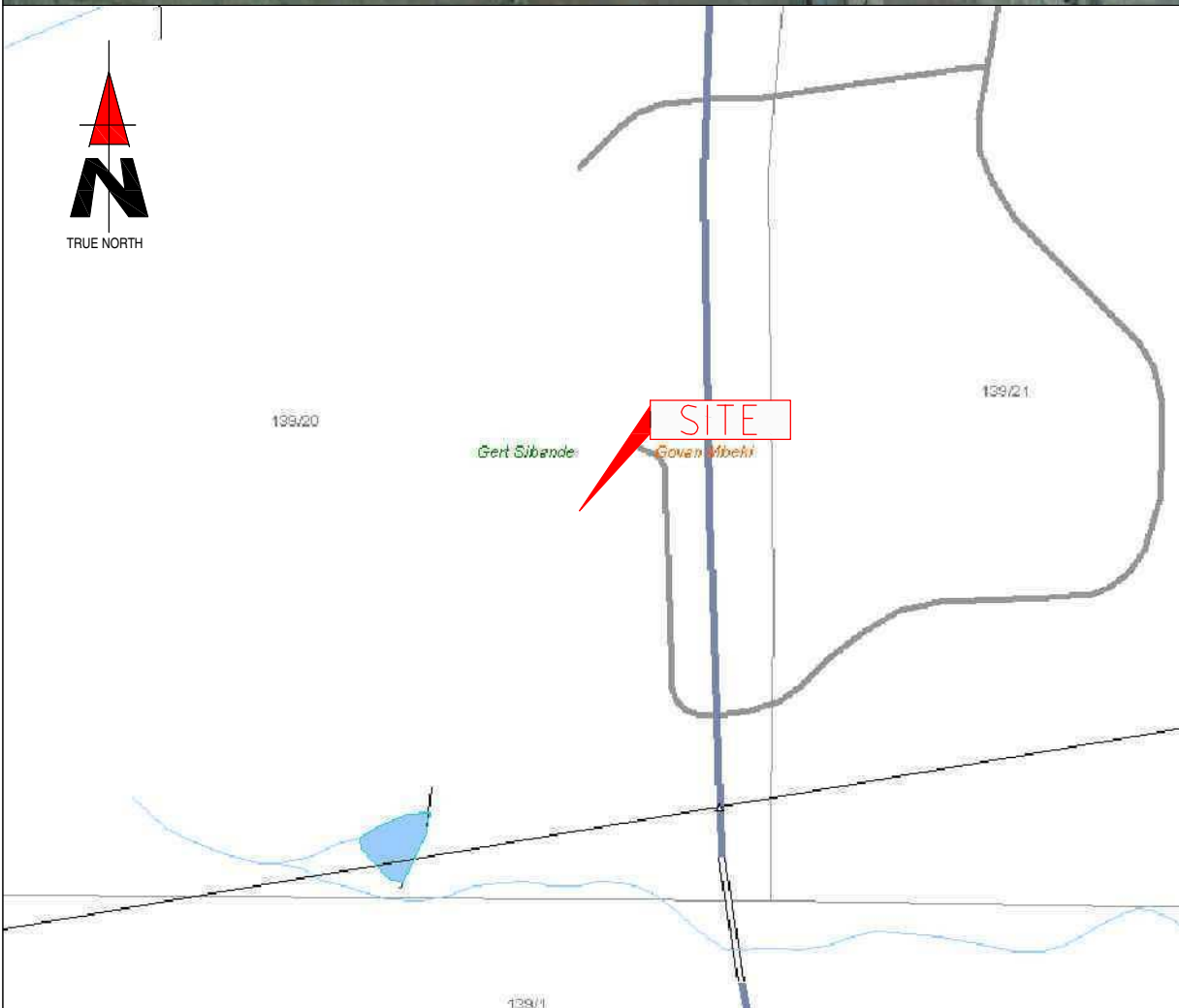
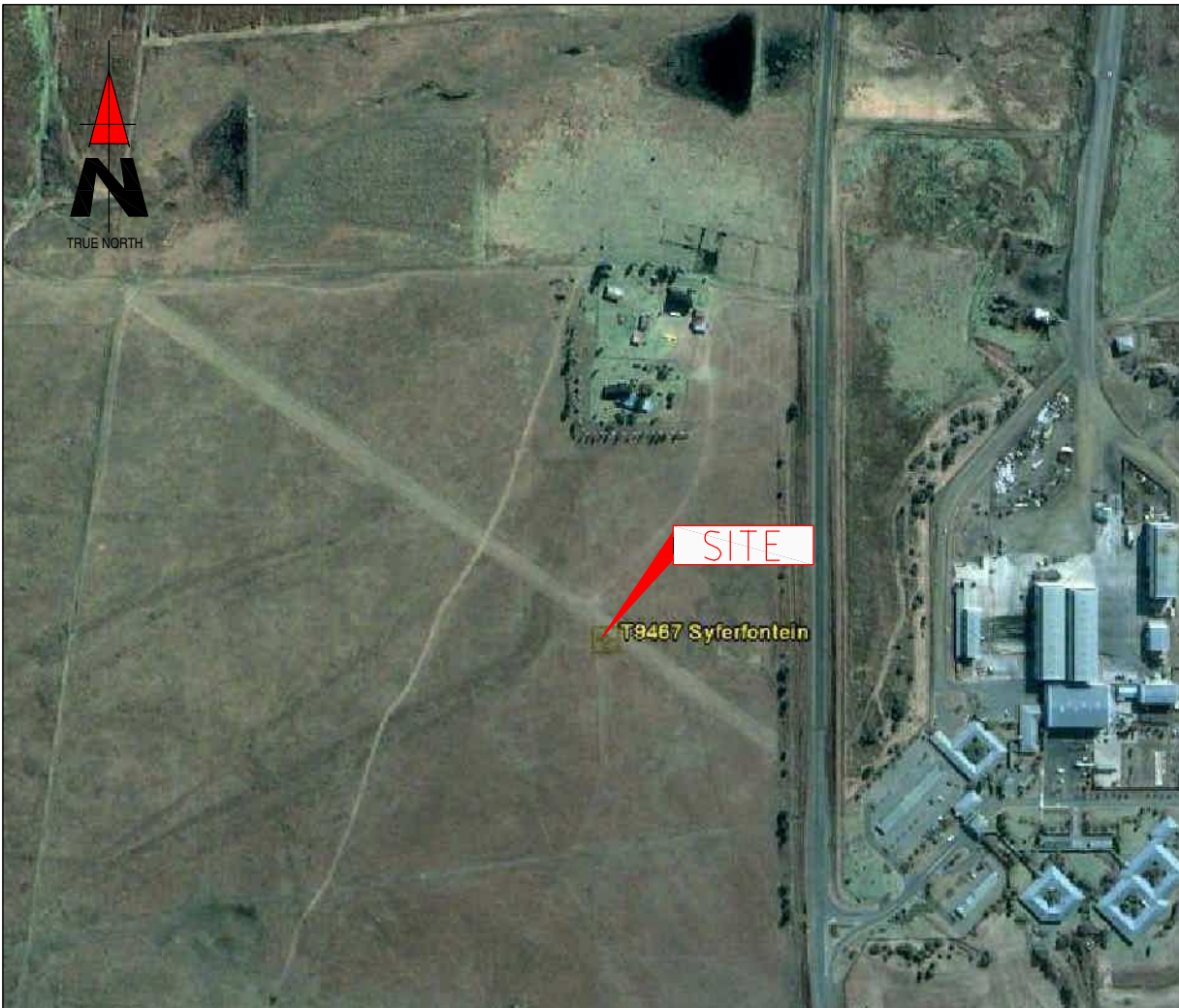
PROJECT NUMBER:  
119373

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: MELISSA YOUNG DATE: 25/11/2011

SCALE: NTS REF. NO: 812/T9467





**KAART VIR GEKONSOLIDEERDE**

die Kaart bestaan uit .....2..... velle  
 Vel No. ....2.....

L.G. No. A 5690/90

Goedgekeur

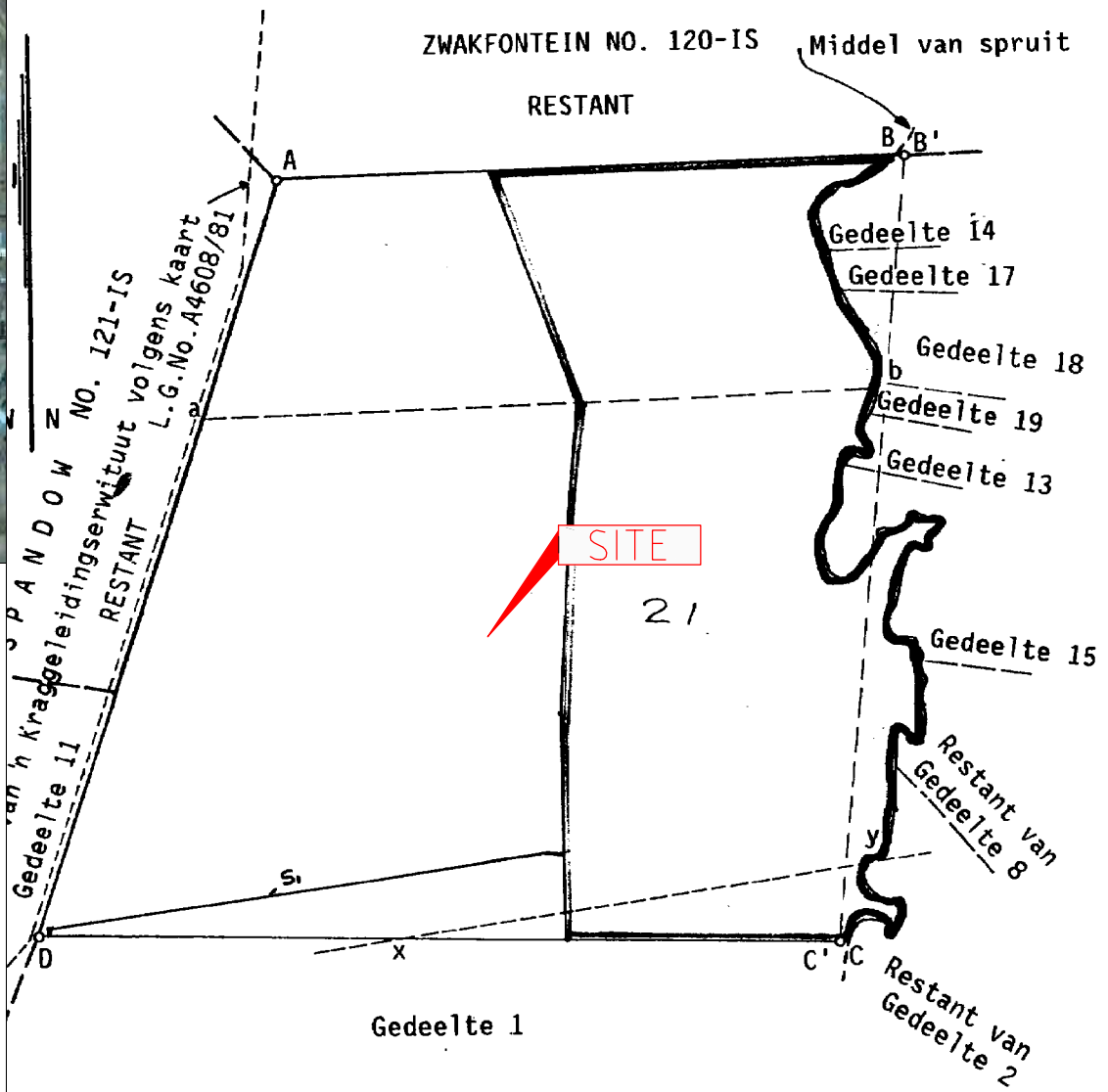
*Handwritten signature*

lste 20 van die plaas  
 RAAI No. 139-IS

nms. LANDMETER-GENERAAL

1990-08-09

1 : 20000



**TOEWYSINGSBESKRYWING**

- 20mmx900mm ysterpen by basis van wa-as hoekpaal
- Nie gebaken nie
- 20mmx900mm ysterpen
- 120mm houthoekpaal in beton

gemaak in Augustus 1989

deur my

FJ VAN ZIJL Landmeter



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BASE STATION NUMBER: T9467

REV	DATE	BY	DESCRIPTION
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NOTES:  
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 0184  
 Tel. +27 (12) 804 1504/6  
 Fax: +27 (12) 804 7072  
 admin@infraplan.co.za  
 P.O. Box 32017  
 Totiusdal  
 0134

RFQ NO.: 152082

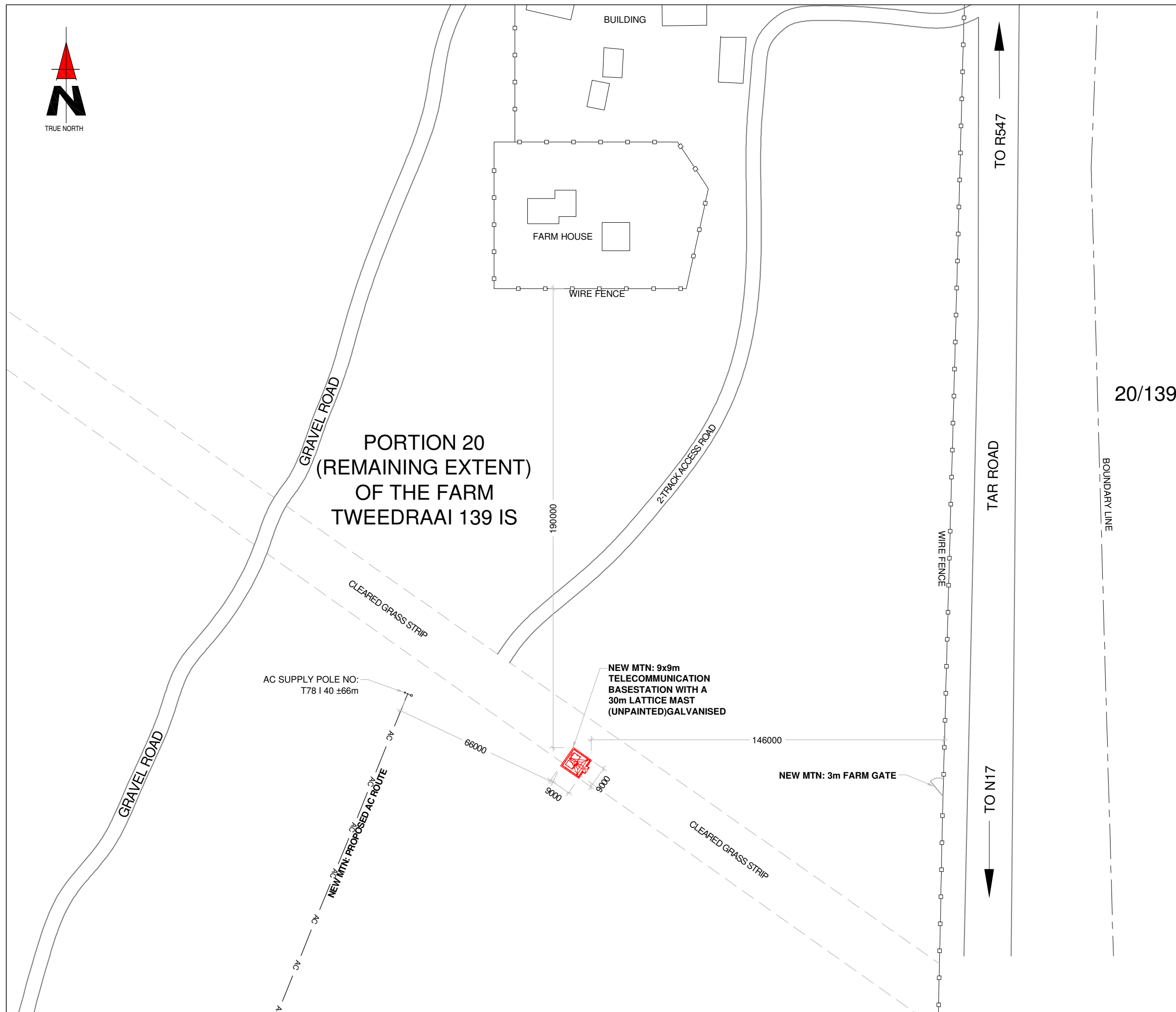
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 ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: MELISSA YOUNG DATE: 25/11/2011

SCALE: NTS REF. NO: 812/T9467

CADASTRAL INFO  
 SHEET 2 OF 9



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SITE NAME: **SYFERFONTEIN**

BASE STATION NUMBER: **T9467**

REV	DATE	BY	DESCRIPTION
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NOTES:  
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20/139

STRICTLY COMPANY CONFIDENTIAL

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P.O. Box 32017  
Totiusdal  
0134

RFQ NO.:  
152082

PROJECT NUMBER:  
119373

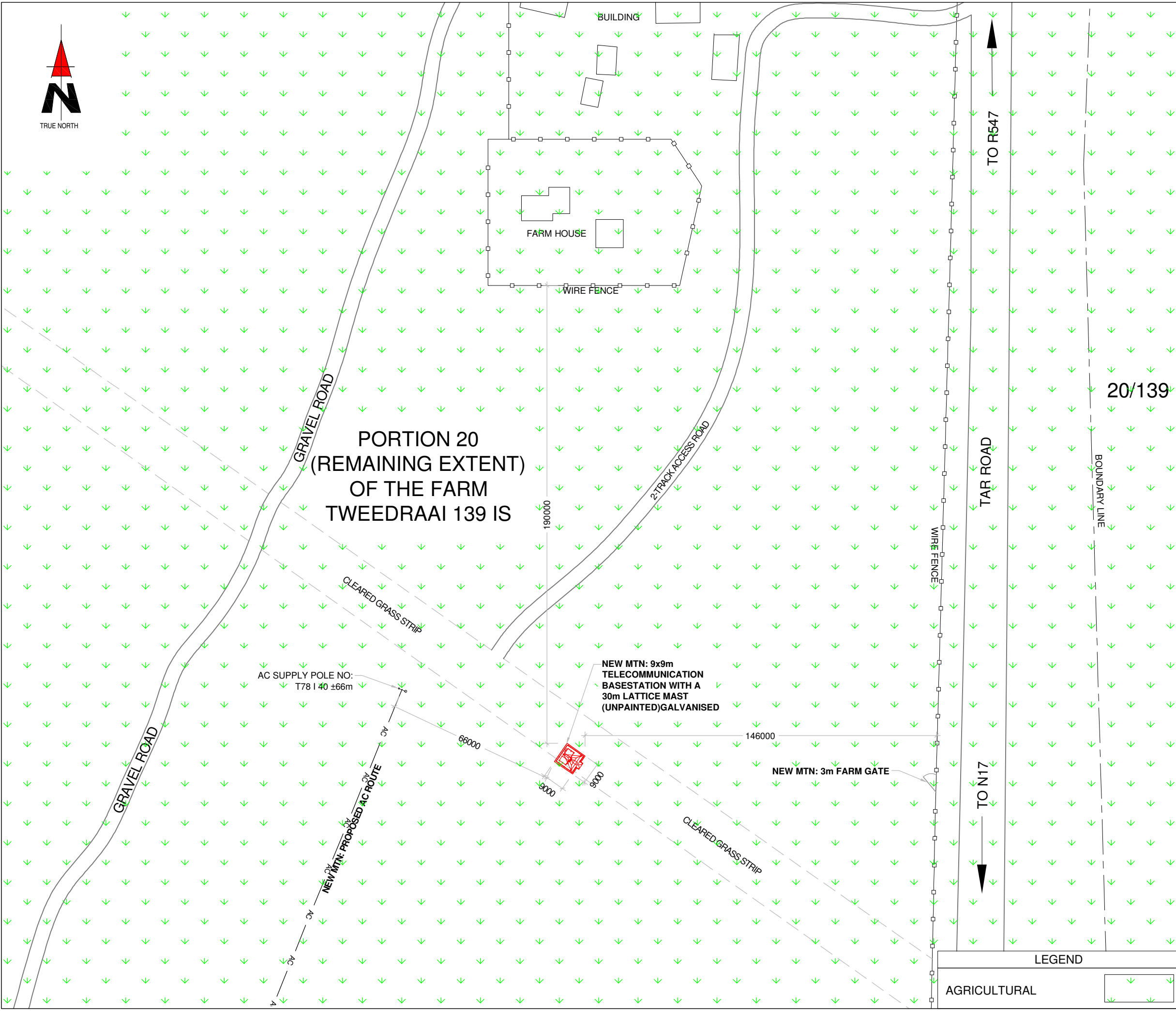
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ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: MELISSA YOUNG      DATE: 25/11/2011

SCALE: 1: 1500      REF. NO: 812/T9467

**SITE DEVELOPMENT PLAN  
SHEET 3 OF 9**



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SITE NAME: **SYFERFONTEIN**

BASE STATION NUMBER: **T9467**

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NOTES:  
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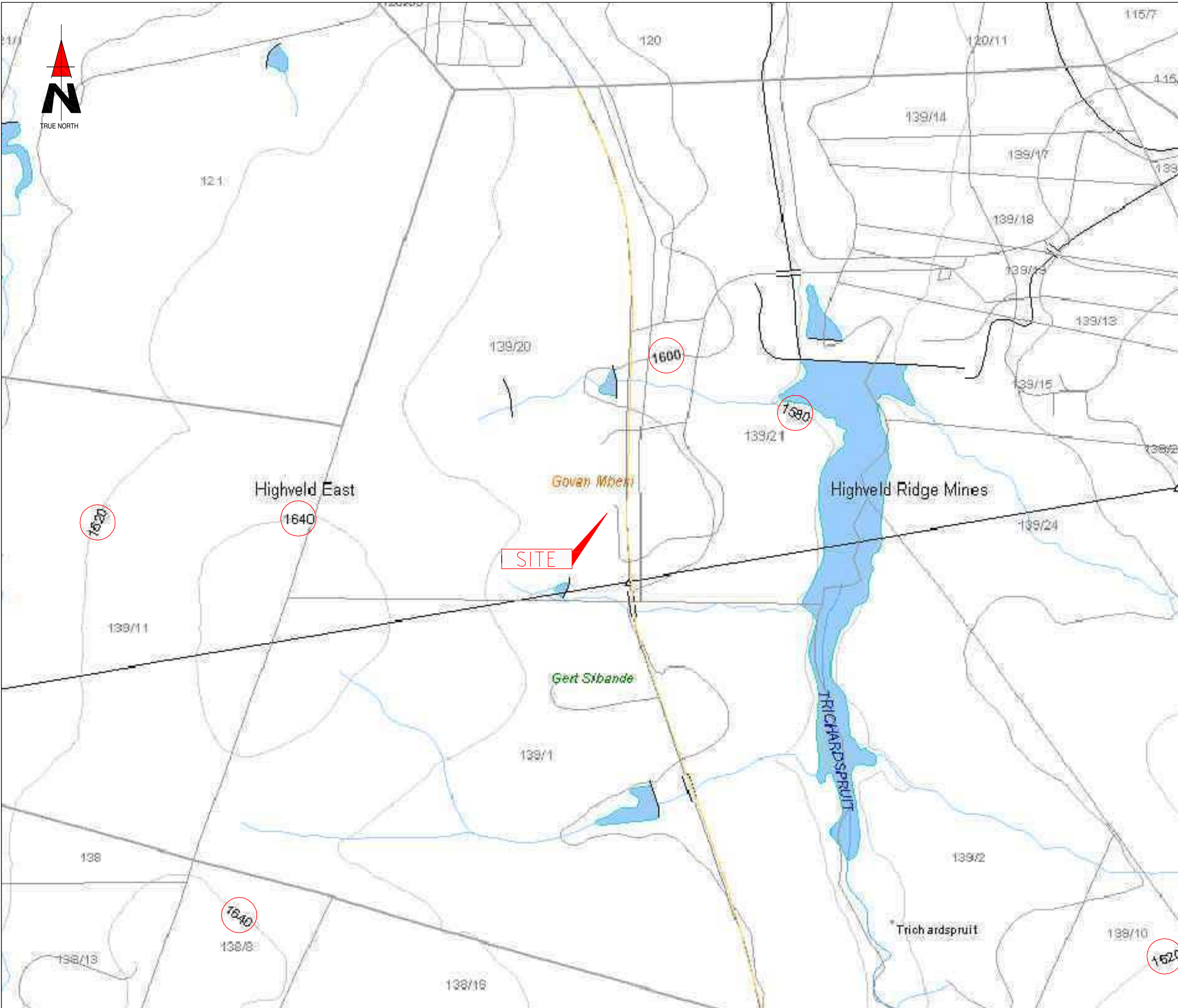
DRAWN: MELISSA YOUNG      DATE: 25/11/2011

SCALE: 1: 1500      REF. NO: 812/T9467

LEGEND

AGRICULTURAL	
--------------	--

CURRENT LAND USE  
SHEET 4 OF 9



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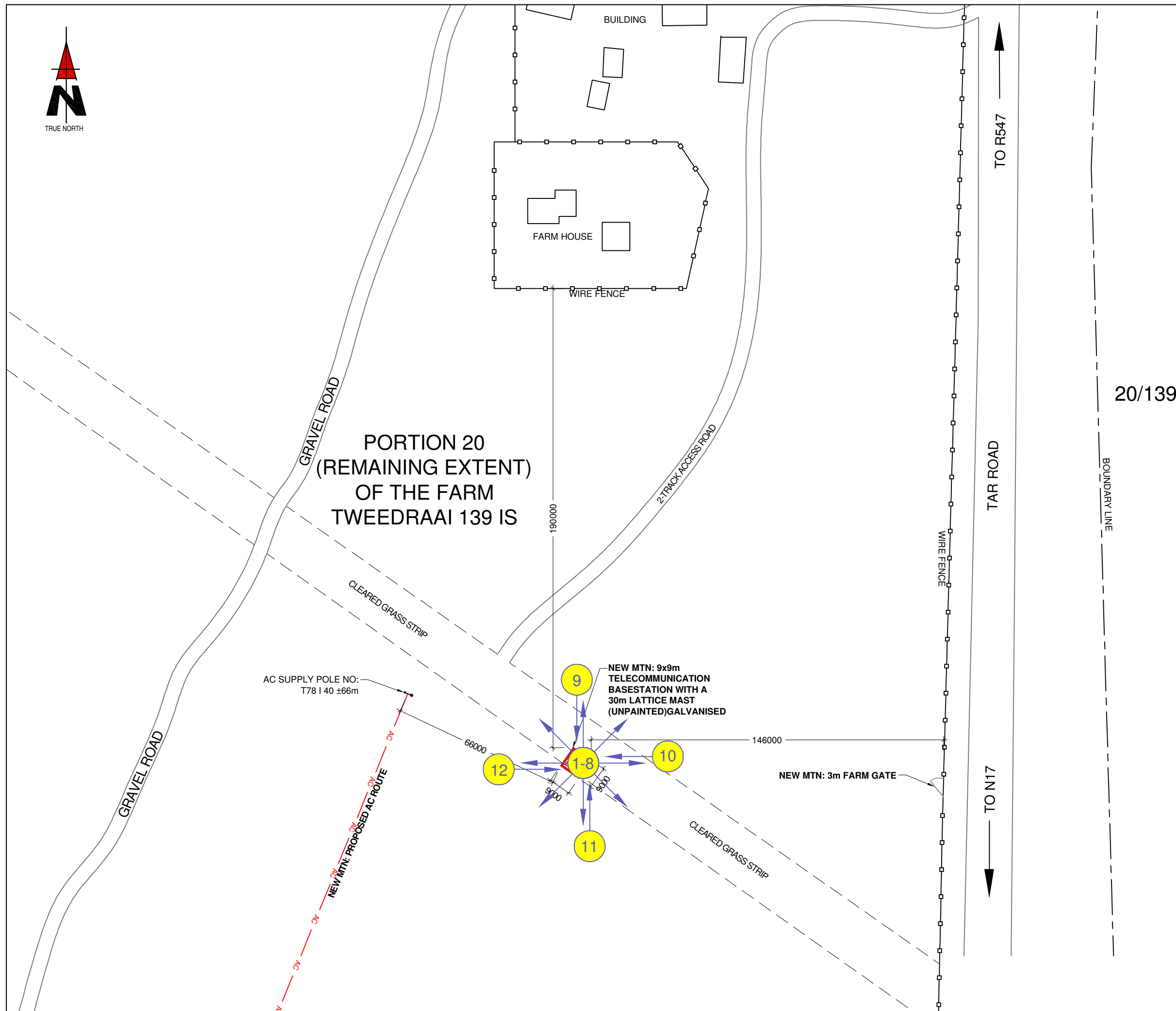
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DRAWN: MELISSA YOUNG      DATE: 25/11/2011  
SCALE: NTS      REF. NO: 812/T9467

CONTOUR INTERVAL  
SHEET 5 OF 9

**Appendix B: Site Photographs**



1267 Pretorius Street  
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SITE NAME: **SYFERFONTEIN**

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SCALE: 1: 1500 REF. NO: 812/T9467

SITE PHOTOGRAPHS  
SHEET 6 OF 9



# SITE PHOTOGRAPHS

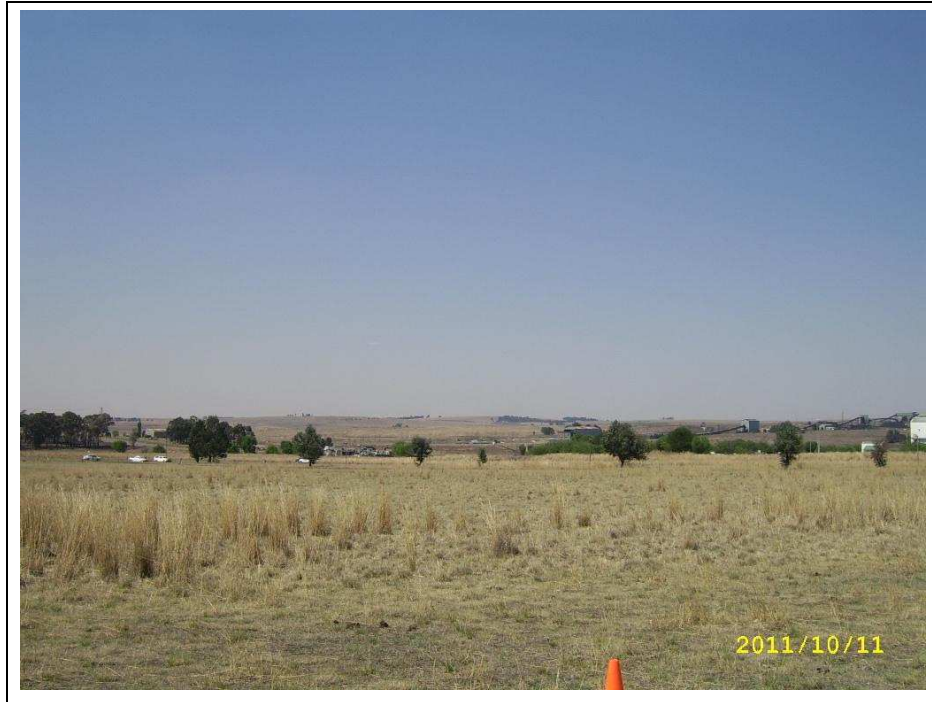


**1. Panoramic view from the site direction North**

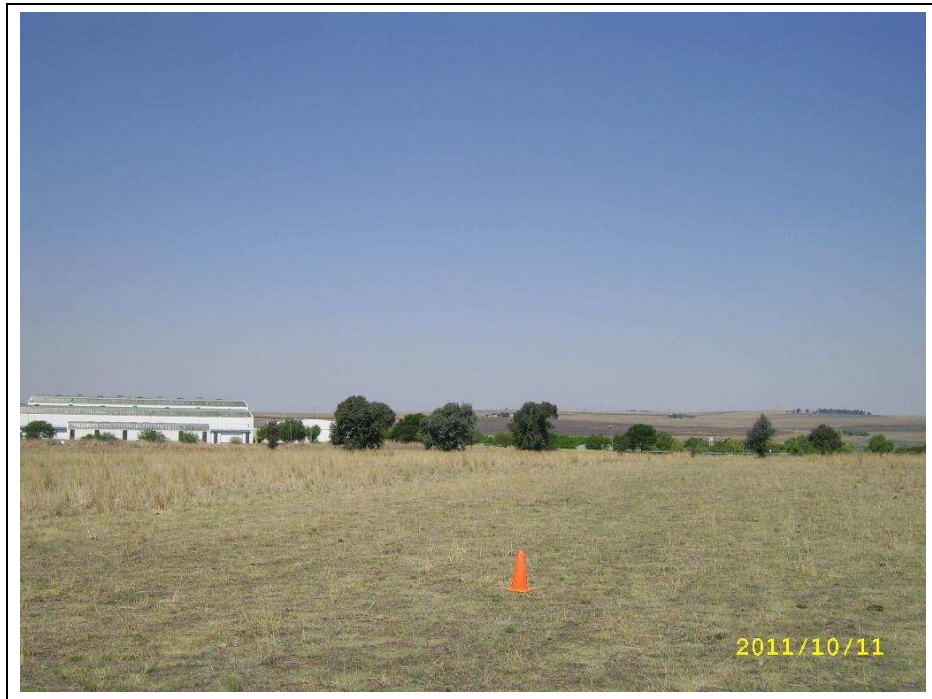


**2. Panoramic view from the site direction North East**

# SITE PHOTOGRAPHS



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

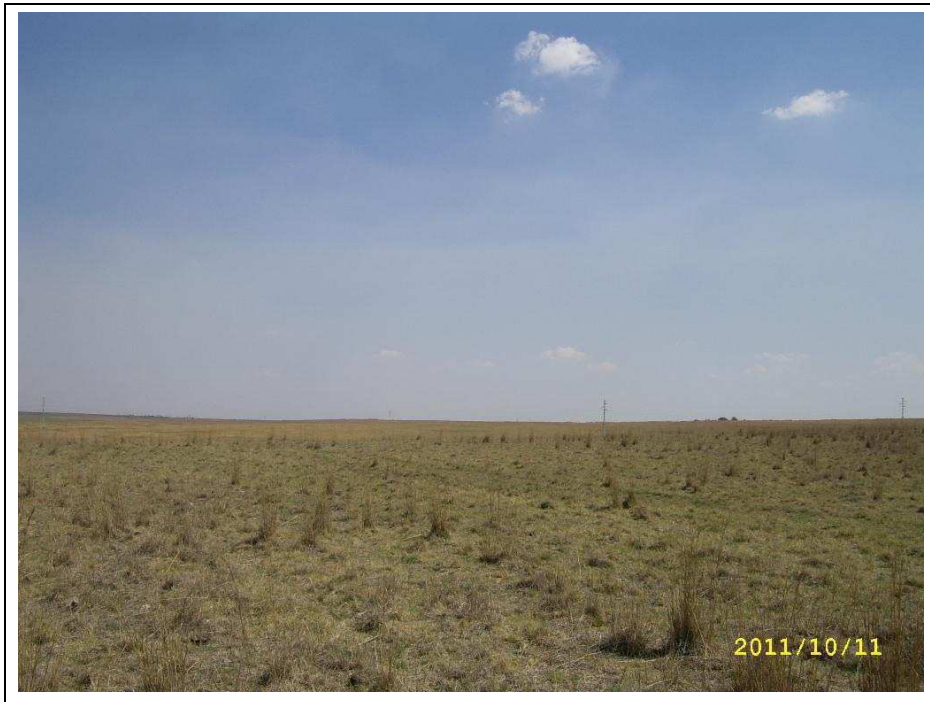


**4. Panoramic view from the site direction South East**

# SITE PHOTOGRAPHS

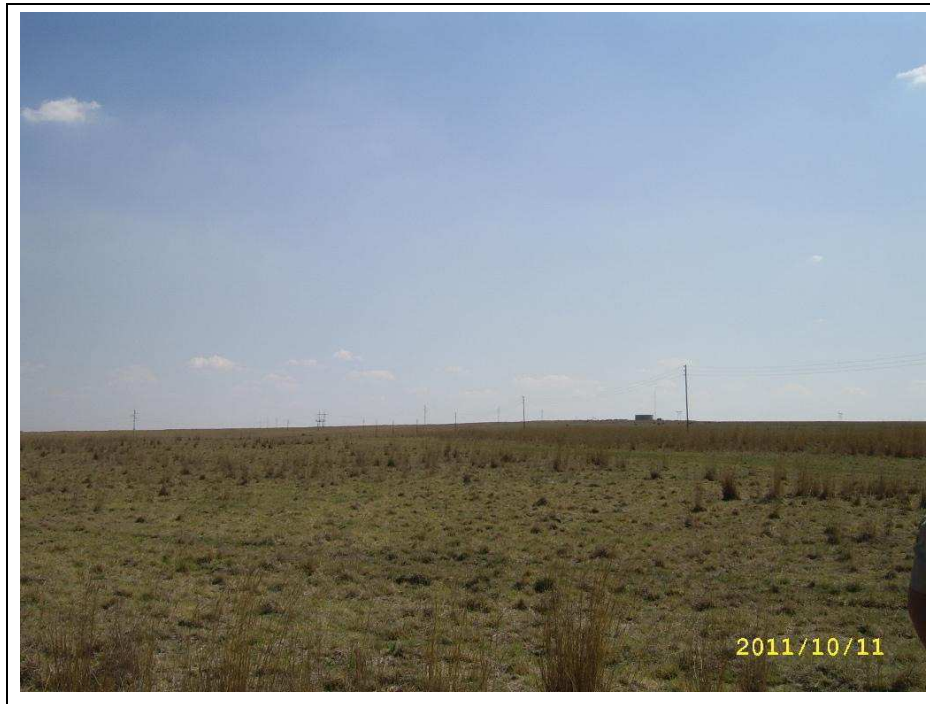


**5. Panoramic view from the site direction South**



**6. Panoramic view from the site direction South West**

# SITE PHOTOGRAPHS



**7. Panoramic view from the site direction West**

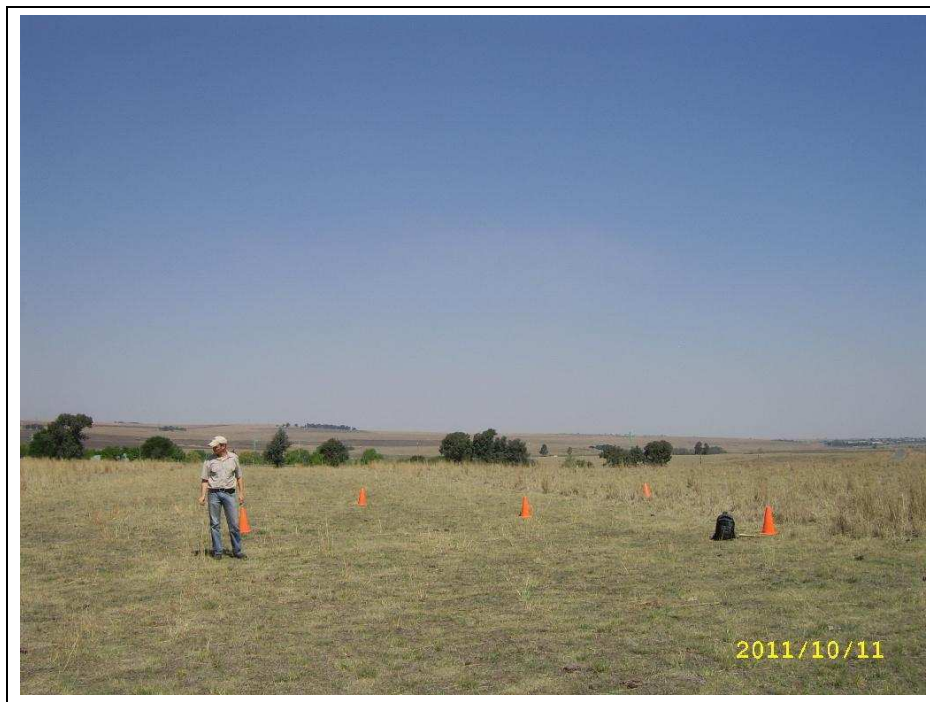


**8. Panoramic view from the site direction North West**

# SITE PHOTOGRAPHS

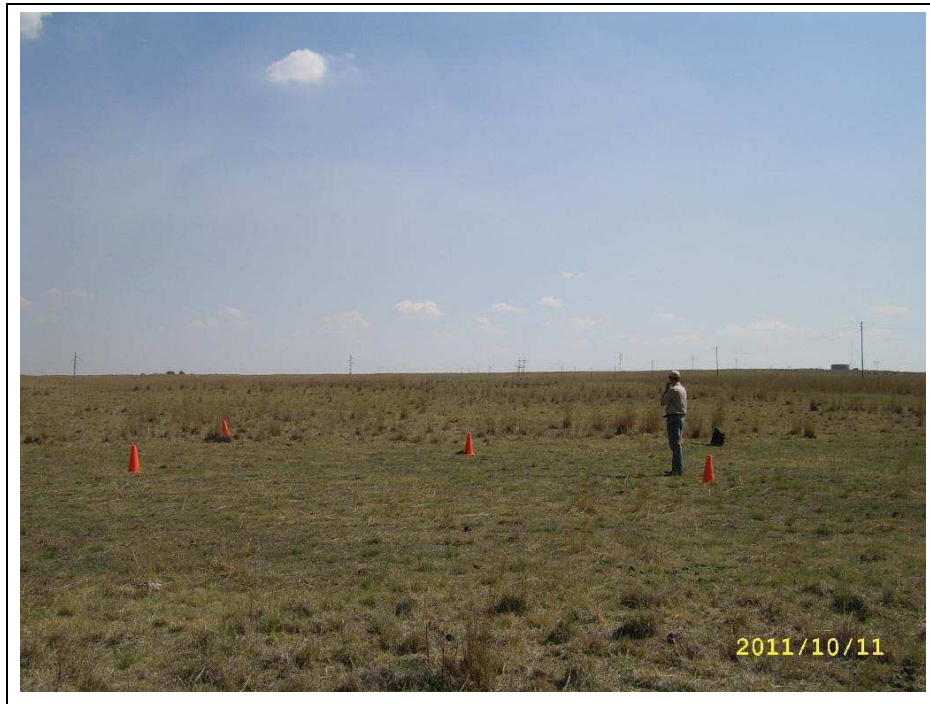


**9. View on basestation position direction North**



**10. View on base station position direction East**

# SITE PHOTOGRAPHS



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



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

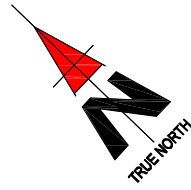
# SITE PHOTOGRAPHS



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

## **Appendix C: Facility Illustrations**

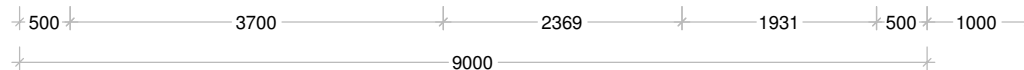
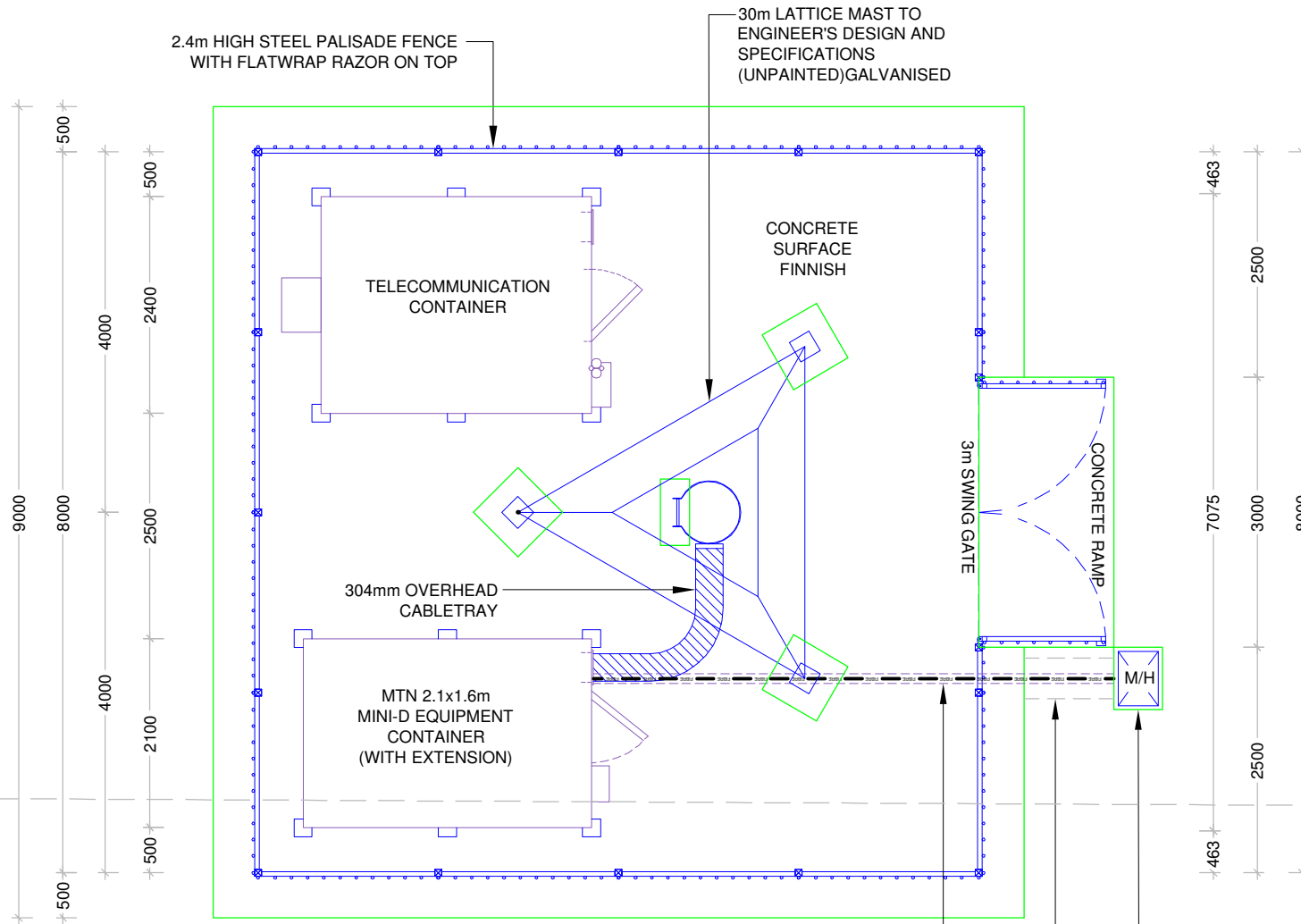




PORTION 20  
(REMAINING EXTENT)  
OF THE FARM  
TWEEDRAAI 139 IS

CLEARED GRASS STRIP

CLEARED GRASS STRIP



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

SITE NAME:  
**SYFERFONTEIN**

BASE STATION NUMBER:  
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REV	DATE	BY	DESCRIPTION
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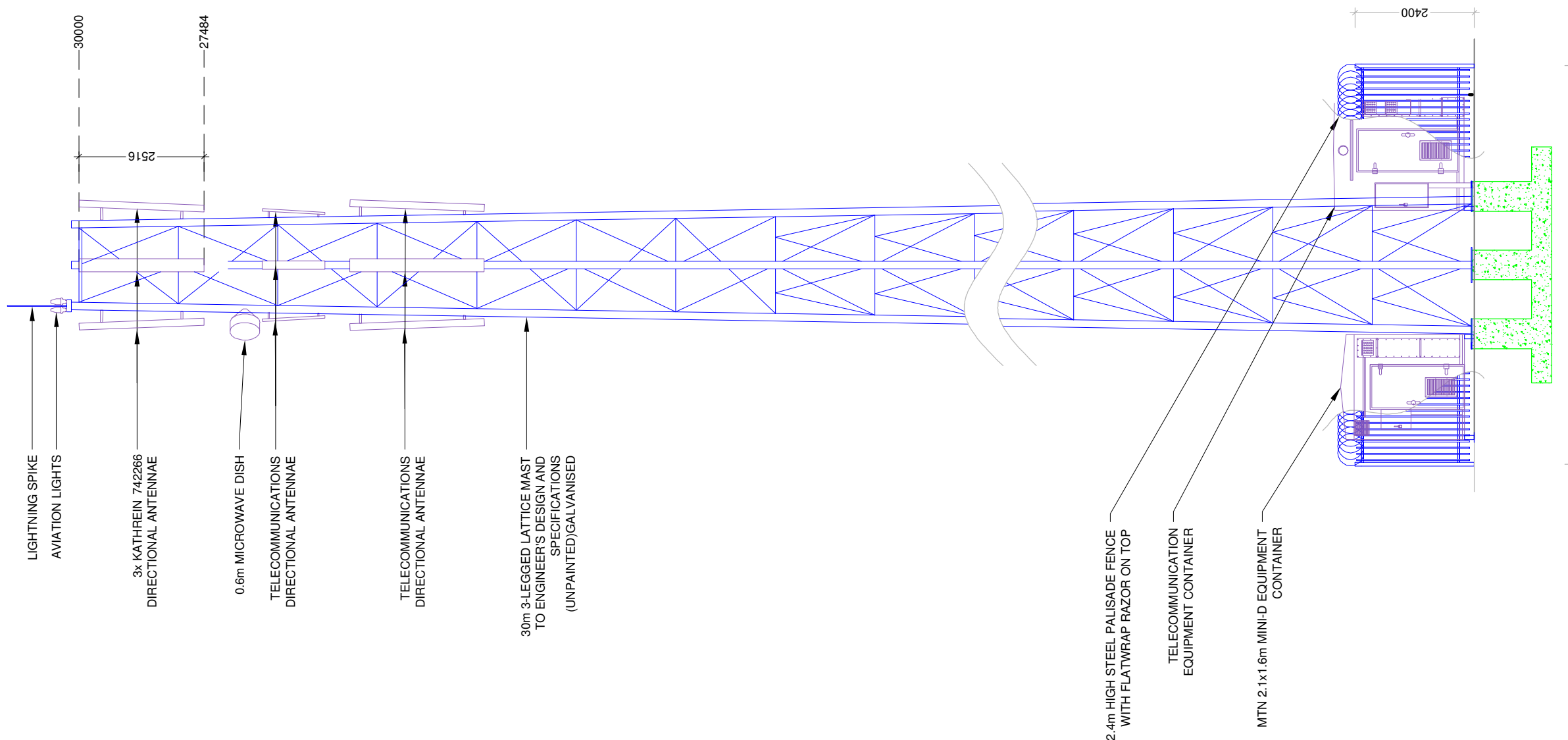
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DRAWN: MELISSA YOUNG  
SCALE: 1: 75  
DATE: 25/11/2011  
REF. NO: 812/T9467

SITE DETAIL  
SHEET 7 OF 9

# MTN ANTENNAE KEY

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH. TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	K742 266	27.4			7/8"	± 32
2	120°	K742 266	27.4			7/8"	± 32
3	240°	K742 266	27.4			7/8"	± 32



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SCALE: 1: 100

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**NORTH-WEST ELEVATION  
SHEET 8 OF 9**



TYPICAL 3-LEGGED LATTICE MAST  
(UNPAINTED) GALVANISED



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SCALE: NTS      REF. NO: 812/T9467

FACILITY ILLUSTRATION  
SHEET 9 OF 9

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

**Appendix E: Comments and responses report**

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

Site number: **T9467**  
 Site Name: **Syferfontein**  
 EIA reference no.: **17/2/3GS-67**

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	21/06/2012	The Municipal Manager	Govan Mbeki Local Municipality, private Bag x 1017, Secunda, 2302	Dr Lenkwane Henry Mathunyane, Fax: 0176348818, Environmental Management Section	NA	Auto I&AP	No comments received	sent copy of Draft BAR sent copy of Final BAR
2	21/06/2012	The Ward Councillor	The Ward Councillor, Govan Mbeki Local Municipality, Private bag x 1017, Secunda, 2302	N Zulu, Ward 15, Fax: 017 634 8019	NA	Auto I&AP	No comments received	sent copy of Draft BAR sent copy of Final BAR
3	21/06/2012	SACAA	Private Bag x73, Halfway House 1685	Tel: (011) 545 1000 Fax: (011) 545 1451	NA	Auto I&AP	Day and night markings required for all masts higher than 45m. Only night markings required for this 30m high mast depending on SACAA approval	install red navigation lights on mast
4	21/06/2012	SAHRA	South African Heritage Resources Agency, PO Box 4637, Cape Town, 8000	Mr Phillip Hine, E-mail: phine@sahra.org.za, tel: 0214624502, fax: 0214624509	NA	Auto I&AP	No further action is required in terms of the National Heritage Resources Act. If any heritage resources are found during construction activities SAHRA must be alerted immediately.	sent copy of Draft BAR sent copy of Final BAR
5	21/06/2012	Landowner	Box 80, Kinross, Evander, Mpumalanga, 2270	Nicolaas Tjaart de Vos, tel: 0176872086	Lease enquiry	Landowner	Signed Lease	sent copy of Draft BAR sent copy of Final BAR
6	21/06/2012	MTPA	Mpumalanga Tourism and Parks Agency, Dullstroom Municipal Offices, PO Box 98, Dullstroom, 1110	MTPA District Office, Frans Krige, Chunky Masangu Drive, Dullstroom Municipal Offices, 1110, tel 013 254 0279, email frans@mtpa.co.za, mobile 0842322902	NA	Auto I&AP	No comments received	sent copy of Draft BAR sent copy of Final BAR
7	21/06/2012	The District Municipality	The Municipal Manager, Gert Sibande District Municipality, PO Box 1748, Ermelo, 2350	Mr Mbuleni Ambroce Ngcobo, Environmental Management Section, Fax: 0176311607	NA	Auto I&AP	No comments received	sent copy of Draft BAR sent copy of Final BAR



## Letter

### In terms of Section 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Ms Stephanie Gain  
MTN (Pty) Ltd  
Building 1 Commerce Square  
39 Rivonia Road  
Sandton  
0046

### **Draft Basic Assessment Report: Establishment of a 30 m telecommunication mast for MTN (PTY) Ltd on portion 20 (Remaining Extent) of the farm Tweedraai 139 IS.**

Thank you for your indication that development is to take place in this area.

In terms of the National Heritage Resources Act (NHRA), no 25 of 1999, heritage resources, including archaeological or palaeontological sites over 100 years old, graves older than 60 years, structures older than 60 years are protected. They may not be disturbed without a permit from the relevant heritage resources authority. This means that before such sites are disturbed by development it is incumbent on the developer (or mine) to ensure that a **Heritage Impact Assessment** is done. This must include the archaeological component (Phase 1) and any other applicable heritage components. Appropriate (Phase 2) mitigation, which involves recording, sampling and dating sites that are to be destroyed, must be done as required.

#### **Decision:**

Since the development is small and entails the construction of a 9m X 9m telecommunication base station with a 30m high lattice, SAHRA is satisfied that no further action is required in terms of the National Heritage Resources Act (Act no 25 of 1999). However, if archaeological/palaeontological or any other heritage resources are found during construction activities SAHRA APM Unit (Mrs Colette Scheermeyer/Mr Phillip Hine, tel 021 462 4502) and an archaeologist/palaeontologist depending on the heritage resource identified must be alerted immediately to inspect the findings; if the newly discovered heritage resource is deemed to be significant then a rescue excavation may be necessary at the cost of the developer.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

Phillip Hine





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Heritage Officer

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Colette Scheermeyer  
SAHRA Head Archaeologist  
South African Heritage Resources Agency

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**ADMIN:**  
(MDEDET, Ref: 17/2/3GS-67)

**Terms & Conditions:**

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





**Appendix F: EMPR**



## **Environmental Management Program (EMPr)**

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

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

Project Reference Number:

**17/2/3GS-67**

*Portion 20 (Remaining Extent) of the farm Tweedraai 139 IS*

*T9467*

24/8/2012

## DOCUMENT APPRAISAL

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

**Department Reference Number: 17/2/3GS-67**

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## EXECUTIVE SUMMARY

The proponent, MTN (Pty) Ltd, intends **ESTABLISHMENT OF AN UNPAINTED (GALVANISED) 30M HIGH MTN (PTY) LTD TELECOMMUNICATION MAST ON PORTION 20 (REMAINING EXTENT) OF THE FARM TWEEDRAAI 139 IS.**

The Mpumalanga Department of ECONOMIC DEVELOPMENT ENVIRONMENT AND TOURISM requested that an Environmental Management Program (EMPR) 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 EMPR pertains to the project as a whole and aims to integrate environmental planning, design, construction and operational activities on the site.

The EMPR 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 EMPR 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 **ESTABLISHMENT OF AN UNPAINTED (GALVANISED) 30M HIGH MTN (PTY) LTD TELECOMMUNICATION MAST ON PORTION 20 (REMAINING EXTENT) OF THE FARM TWEEDRAAI 139 IS.**

**TORBIOUSE SOLUTIONS CC** was appointed to compile the Environmental Management Program in respect of the proposed project.

### 1.1.1 Aims of the EMPR

The purpose of the EMPR 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 Constructor 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 EMPR 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 EMPR is typically dynamic in nature.

### 1.1.2 Contents of the EMPR

The EMPR consists of the following sections:

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

**Chapter 2: Administration and regulation of environmental obligations:** This section identifies the proposed mechanisms for monitoring compliance with the EMPR 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 Program. 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 Program. 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 EMPR, 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 EMPR 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 EMPR 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 EMPR 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 EMPR. 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 EMPR and conditions.

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## 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.

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## 2.5 Internal Review and Auditing

The Contractor and ESA shall establish an internal review procedure to monitor the progress and implementation of the EMPR 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 EMPR. All modifications to the EMPR shall be approved by the Department before; if possible, any changes or adjustments to the EMPR are implemented. Any material changes or adjustments to the EMPR shall be registered accordingly on MTN's operating system.. Adjustment and update of the original EMPR 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 EMPR 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.

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## **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 EMPR. 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.

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### **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 **unpainted (galvanised) 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: <ul 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> </ul> </li> <li>➤ If penetration is greater than 300mm: <ul 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> </ul> </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 EMPR 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**

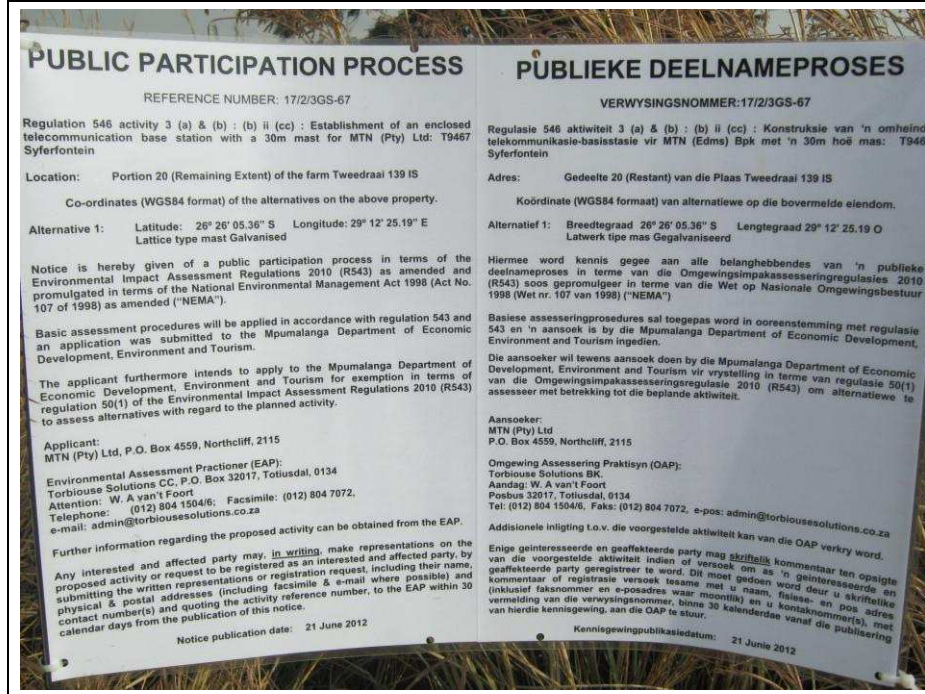
**G1(c) - South African Civil Aviation Authority Information**

**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 entrance to access route



Site Notice 1 affixed to temporary stand next to entrance to access route

# Proof of Site Notice



**Site Notice 1 affixed to temporary stand next to entrance to access route**

PUBLIEKE DEELNAMEPROSES	PUBLIC PARTICIPATION PROCESS
<p>VERWYSINGSNOMMER: 17/2/3GS-67</p> <p>Regulasie 546 aktiwiteit 3 (a) &amp; (b) : (b) ii (cc) : Konstruksie van 'n omheinde telekommunikasie-basisstasie vir MTN (Edms) Bpk met 'n 30m hoë mas: T9467 Syferfontein</p> <p>Adres:                   Gedeelte 20 (Restant) van die Plaas Tweedraal 139 IS</p> <p>Koördinate (WGS84 formaat) van alternatiewe op die bovermelde eiendom.</p> <p>Alternatief 1:   Breedtegraad 26° 26' 05.36" S   Lengtegraad 29° 12' 25.19" O                      Latwerk tipe mas Gegalvaniseerd</p> <p>Hiermee word kennis gegee aan alle belanghebbendes van 'n publieke deelnameproses in terme van die Omgewingsimpakassesseringregulasies 2010 (R543) soos gepromulgeer in terme van die Wet op Nasionale Omgewingsbestuur 1998 (Wet nr. 107 van 1998) ("NEMA")</p> <p>Basiese assesseringprosedures sal toegepas word in ooreenstemming met regulasie 543 en 'n aansoek is by die Mpumalanga Department of Economic Development, Environment and Tourism ingedien.</p> <p>Die aansoeker wil tevens aansoek doen by die Mpumalanga Department of Economic Development, Environment and Tourism vir vrystelling in terme van regulasie 50(1) van die Omgewingsimpakassesseringregulasie 2010 (R543) om alternatiewe te assesser met betrekking tot die beplande aktiwiteit.</p> <p>Aansoeker:                      MTN (Pty) Ltd                      P.O. Box 4559, Northcliff, 2115</p> <p>Omgewing Assessering Praktisyn (OAP):                      Torbious Solutions BK,                      Aandag: W. A van't Foort                      Posbus 32017, Totiusdal, 0134                      Tel: (012) 804 1504/6, Faks: (012) 804 7072, e-pos: admin@torbiousolutions.co.za</p> <p>Addisionele inligting t.o.v. die voorgestelde aktiwiteit kan van die OAP verkry word.</p> <p>Enige geïnteresseerde en geaffekteerde party mag <u>skriftelik</u> kommentaar ten opsigte van die voorgestelde aktiwiteit indien dié versoek om as 'n geïnteresseerde en geaffekteerde party geregistreer te word. Dit moet gedoen word deur u skriftelike kommentaar of registrasie versoek tesame met u naam, fisiese- en pos adres (inklusief faksnommer en e-posadres waar moontlik) en u kontaknommer(s), met vermelding van die verwysingsnommer, binne 30 kalenderdae vanaf die publikering van hierdie kennisgewing, aan die OAP te stuur.</p> <p style="text-align: right;">Kennisgewingpublikasiedatum:   21 Junie 2012</p>	<p>REFERENCE NUMBER: 17/2/3GS-67</p> <p>Regulation 546 activity 3 (a) &amp; (b) : (b) ii (cc) : Establishment of an enclosed telecommunication base station with a 30m mast for MTN (Pty) Ltd: T9467 Syferfontein</p> <p>Location:               Portion 20 (Remaining Extent) of the farm Tweedraal 139 IS</p> <p>Co-ordinates (WGS84 format) of the alternatives on the above property.</p> <p>Alternative 1:   Latitude: 26° 26' 05.36" S   Longitude: 29° 12' 25.19" E                      Lattice type mast Galvanised</p> <p>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").</p> <p>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.</p> <p>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.</p> <p>Applicant:                      MTN (Pty) Ltd, P.O. Box 4559, Northcliff, 2115</p> <p>Environmental Assessment Practitioner (EAP):                      Torbious Solutions CC, P.O. Box 32017, Totiusdal, 0134                      Attention: W. A van't Foort                      Telephone:       (012) 804 1504/6;   Facsimile: (012) 804 7072.                      e-mail: admin@torbiousolutions.co.za</p> <p>Further information regarding the proposed activity can be obtained from the EAP.</p> <p>Any interested and affected party may, <u>in writing</u>, 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 &amp; postal addresses (including facsimile &amp; 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.</p> <p style="text-align: right;">Notice publication date:   21 June 2012</p>

**Site Notice 2 affixed to property gate**

# Proof of Site Notice

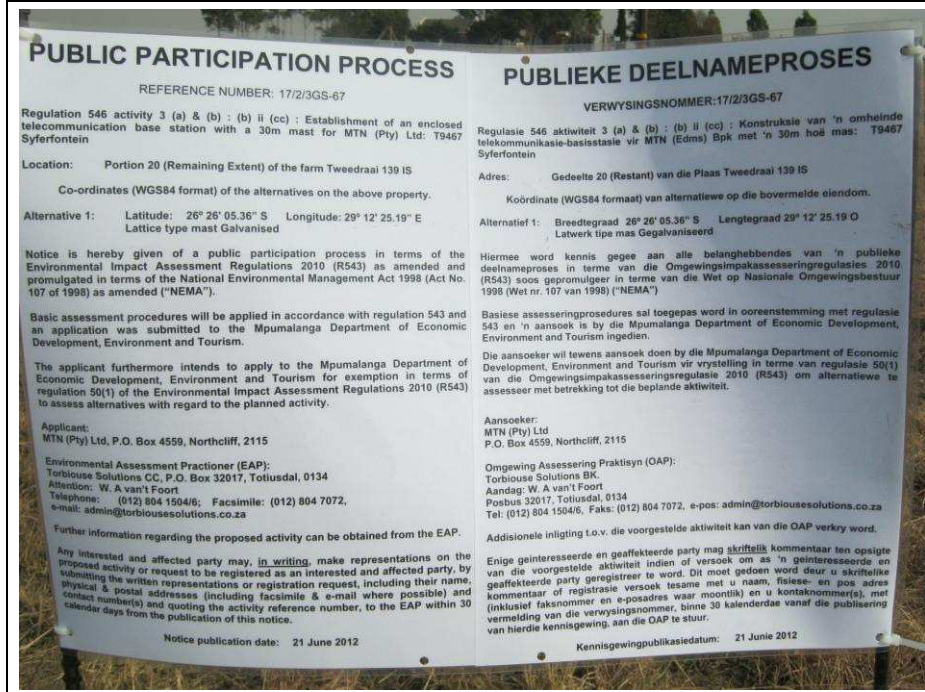


Site Notice 2 affixed to property gate



Site Notice 2 affixed to property gate

# Proof of Site Notice

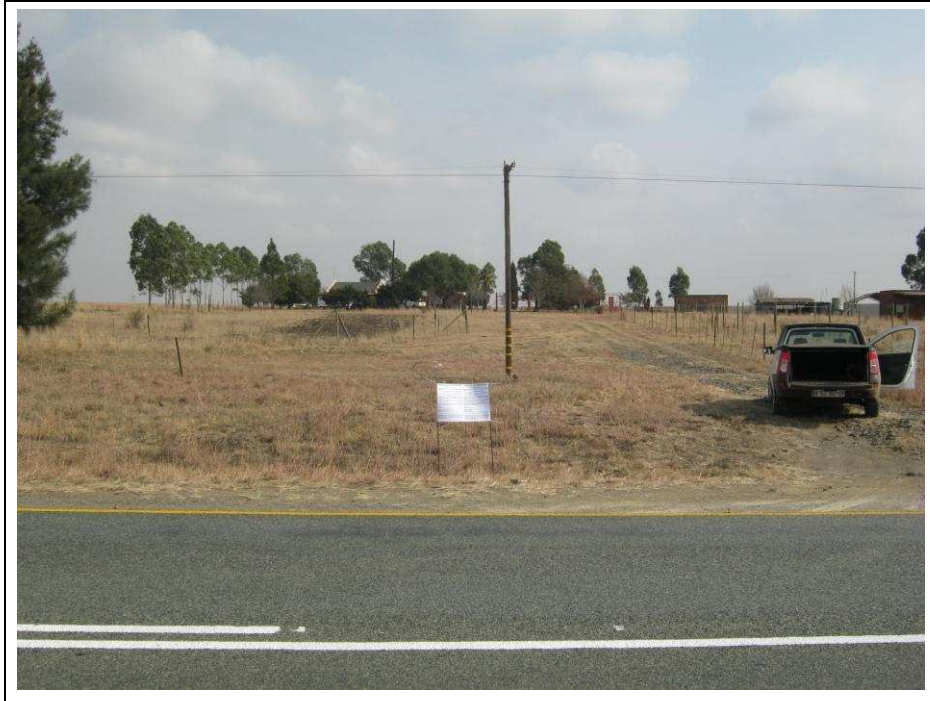


Site Notice 3 affixed to temporary stand next to main road



Site Notice 3 affixed to temporary stand next to main road

# Proof of Site Notice



**Site Notice 3 affixed to temporary stand next to main road**



**G1(b) – Proof of Written Notices**

Our Reference:  
T9467 / 17/2/3GS-67



21 June 2012

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

Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road  
Silvertondale, 0184  
Pretoria

Attention:  
Dr Lenkwane Henry Mathunyane  
Facsimile : (017) 634 8818

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

e-mail: admin@torbiousolutions.co.za

Environmental Management Section

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 (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 20 REMAINING EXTENT OF THE FARM TWEEDRAAI 139 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: Torbious Solutions cc

**Comments:**

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Destination	Start Time	Time	Prints	Result	Note
0176348019	06-29 10:17	00:03:32	010/010	OK	

Note TMR: Timer TX, POL: Polling, ORG: Original Size Setting, FME: Frame Erase TX,  
 MIX: Mixed Original TX, CALL: Manual TX, CSRC: CSRC, FWD: Forward, PC: PC-Fax,  
 BND: Double-Sided Binding Direction, SP: Special original, FCODE: F-Code, RTX: Re-TX,  
 RL: Relay, MB: 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:  
 T9467 / 17/2/3GS-67

21 June 2012

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

Attention:  
 Dr Lenkwane Henry Mathunyane  
 Facsimile : (017) 634 8818



Reg. No. 2001/080636/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road  
 Silvertondale, 0184  
 Pretoria

Tel: (012) 804 1504/6

Fax: (012) 804 7072

e-mail: admin@torbiousolutions.co.za

Environmental Management Section

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 (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 20 REMAINING EXTENT OF THE FARM TWEEDRAAI 139 IS**

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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:

Destination	Start Time	Time	Prints	Result	Note
0176348818	06-29 10:08	00:00:56	000/010	No Ans	

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

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

Our Reference:  
T9467 / 17/2/3GS-67

21 June 2012

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

Attention:  
Dr Lenkwane Henry Mathunyane  
Facsimile : (017) 634 8818



Reg. No. 2001/080635/23

PO Box 32017, Totiusdal, 0134

414 Rustle Road  
Silvertondale, 0164  
Pretoria

Tel: (012) 804 1504/6

Fax: (012) 804 7072

e-mail: admin@torblousesolutions.co.za

Environmental Management Section

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 (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 20 REMAINING EXTENT OF THE FARM TWEEDRAAI 139 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.

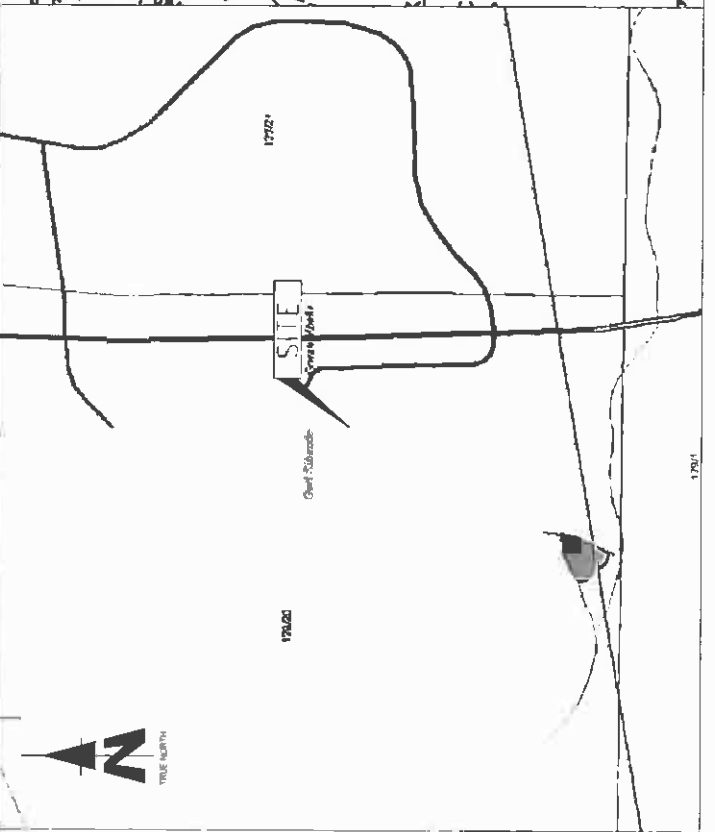
Should you have any further queries please do not hesitate to contact us.

Kind Regards,

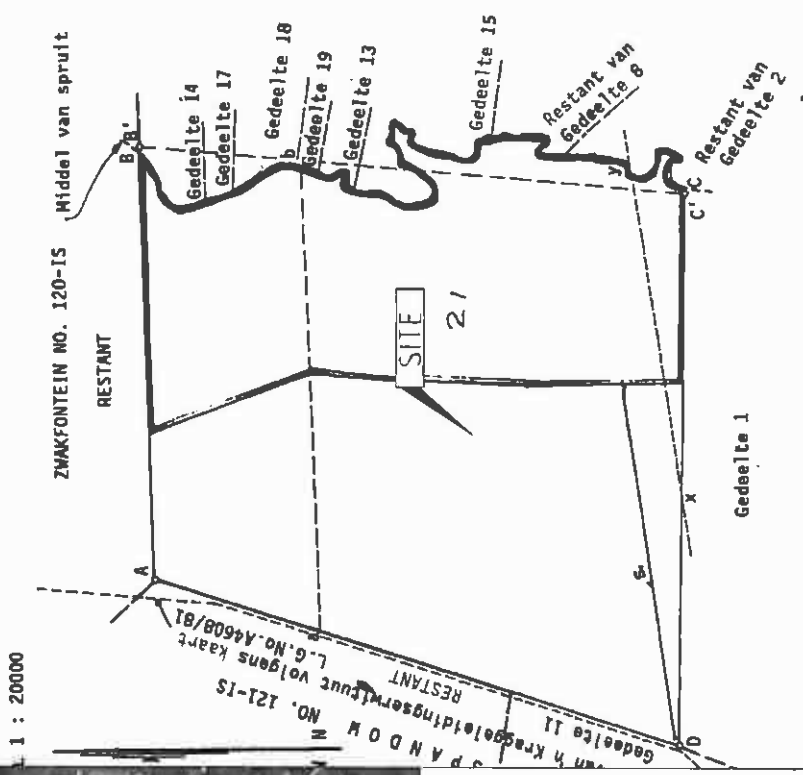
*WA Van't Foort*  
**WA VAN'T FOORT**  
 For: Torblouse Solutions cc

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



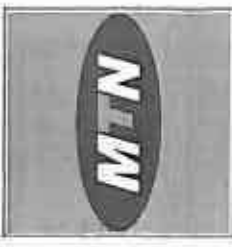


**KARTE WEGGEGANGSLOEGERDE WIT**  
 die Kaart bestaan uit 2 velle L.G. No. A 5690/90  
 Val No. 2 Goudgemaal  
 1te 20 van die plaas  
 BAAI No. 139-IS  
 1990-08-09  
 nms. LANDMETER-GENERAAL  
 F.J. van Zijl



**ZENBESKRYWING**  
 - 20mmx900mm ysterpen by basis van wa-as hoekpaal  
 - Nte gebaken nte  
 - 20mmx900mm ysterpen  
 - 120mm houthoekpaal in beton

deur my Augustus 1989  
 FJ VAN ZIJL Landmeter



1287 Pretorius Street  
 Park B, Heideveld Computer  
 Park, Johannesburg  
 Tel: +27 (0) 21 242 2000  
 Fax: +27 (0) 21 242 2006  
 Personal Sales 148  
 Mobile Sales 115  
 Mobile Parts

SYFERFONTEIN  
 T9467

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

NOTES  
 OWNER: VOORSTOFFEL PTY LTD  
 STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION  
 PORTION 20 (REMAINING EXTENT)  
 OF THE FARM TWEEDE RAAM 139 IS  
 COORDINATES  
 LAT: 29 28 05 36 S  
 LONG: 29 12 25 19 E

PROJECT  
 NEW 999m TELECOMMUNICATION BASESTATION  
 WITH A 30m LATTICE MAST FOR MTN (PTY) LTD  
 ADDRESS  
 OFF N17 NEAR TRICHARDT  
 MPUMALANGA

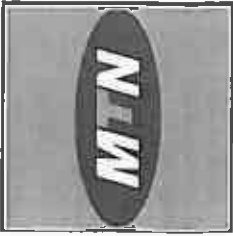


414 Rivier Road  
 15th Floor  
 15002  
 Tel: +27 (0) 21 15049  
 Fax: +27 (0) 21 15048  
 Email: info@ips.co.za  
 F.O. Box 3017  
 15002  
 0134

PROJECT NUMBER  
 119253

DRAWN: MELISSA YOUNG  
 DATE: 25/11/2011  
 REF. NO: 8127/1947

CADASTRAL INFO  
 SHEET 2 OF 9



1287 Pretorius Street  
 Block B, Helderberg Complex  
 Helderberg, 0281  
 Tel: +27 (0)2 342 2000  
 Fax: +27 (0)2 342 8000  
 Pretorius Street 146  
 Private Bag 115  
 Helderberg

SITE NAME  
**SYFERFONTEIN**

BASE STATION NUMBER  
**T9467**

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

NOTES  
 OWNER: VOESTSTEELPTY.LTD

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION  
 PORTION 20 (REMAINING EXTENT)  
 OF THE FARM TWEEDRAAI 139 IS

COORDINATES  
 LAT: 29° 26' 05" 9" S  
 LONG: 29° 12' 25" 19" E

PROJECT  
 NEW 9.99m TELECOMMUNICATION BASESTATION  
 WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

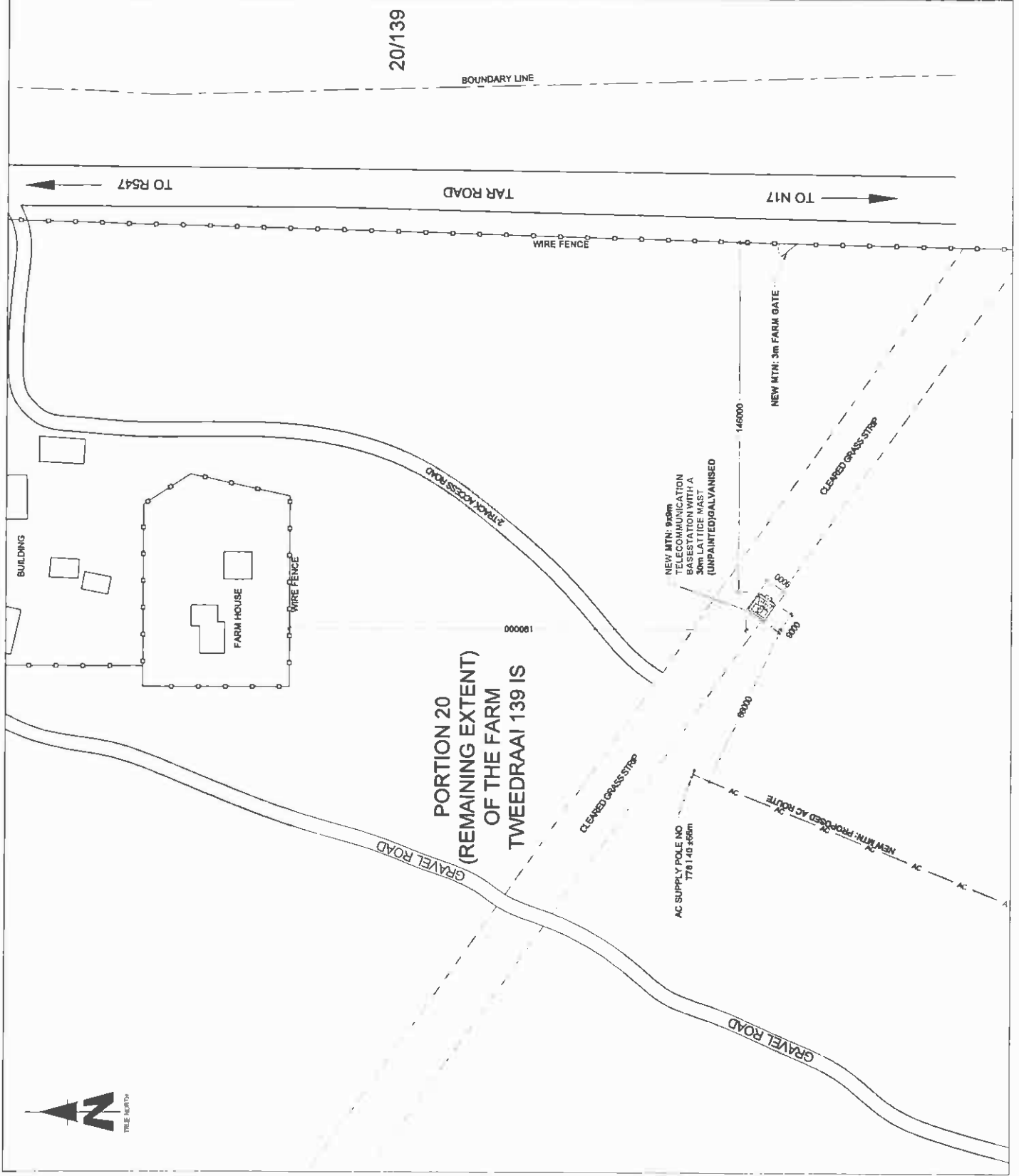
ADDRESS  
 OFF N17 NEAR TRICHARDT  
 NPUNALANGA

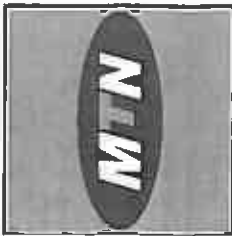


INFRASTRUCTURE  
 PLANNING SERVICES

414 Pekaia Road  
 P.O. Box 20917  
 Helderberg  
 0284  
 Tel: +27 (0)2 804 15049  
 Fax: +27 (0)2 804 0184  
 info@ipsinfrastructure.co.za  
 PROJECT NUMBER  
 118973  
 DRAWN: MELISSA YOUNG (DATE: 25/11/2011)  
 SCALE: 1:1500 (REF: NO 8122/T9467)

SITE DEVELOPMENT PLAN  
 SHEET 3 OF 9





1917 Protea Street  
 P.O. Box 100  
 Midrand, Gauteng  
 1709  
 Tel: +27 (0) 21 542 2900  
 Fax: +27 (0) 21 542 2908  
 www.mtn.co.za

Site Name: SYFERFONTEIN  
 Base Station Number: T9467

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

Notes: OWNER: VOESTAFRIK PTY LTD

PROPERTY DESCRIPTION: STRICTLY COMPANY CONFIDENTIAL  
 PORTION 20 (REMAINING EXTENT)  
 OF THE FARM TWEEDRAAI 139 IS

COORDINATES  
 LAT: 28° 23' 05.397" S  
 LONG: 28° 12' 25.19" E

PROJECT: NEW 90m TELECOMMUNICATION BASESTATION  
 WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS: OFF N17 NEAR TRICHARDT  
 NPJULMANGA

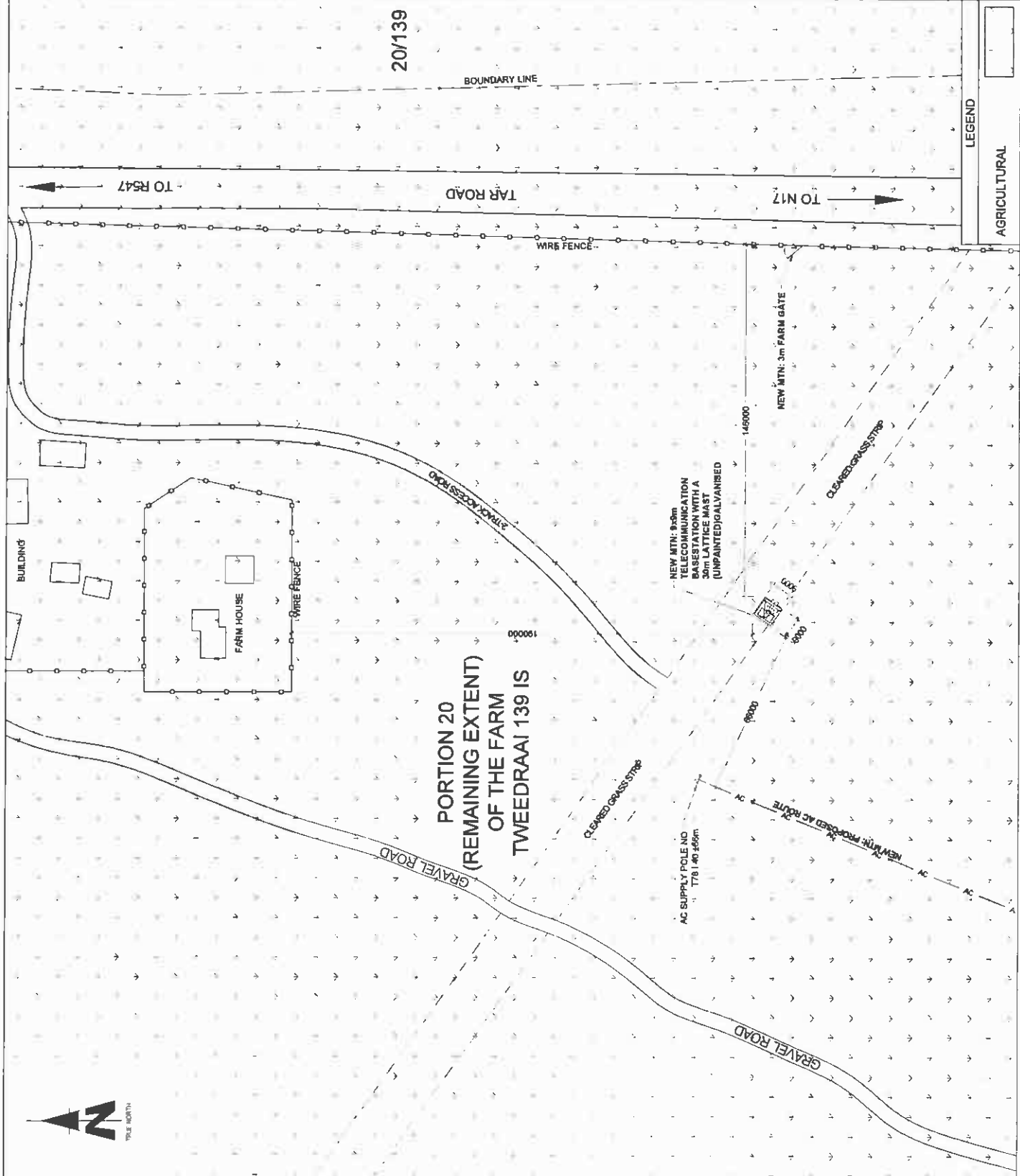
414 Protea Road  
 P.O. Box 100  
 Midrand, Gauteng  
 1709  
 Tel: +27 (0) 21 542 2900  
 Fax: +27 (0) 21 542 2908  
 www.mtn.co.za



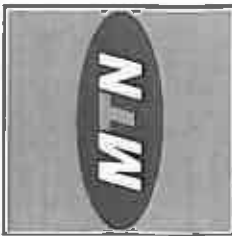
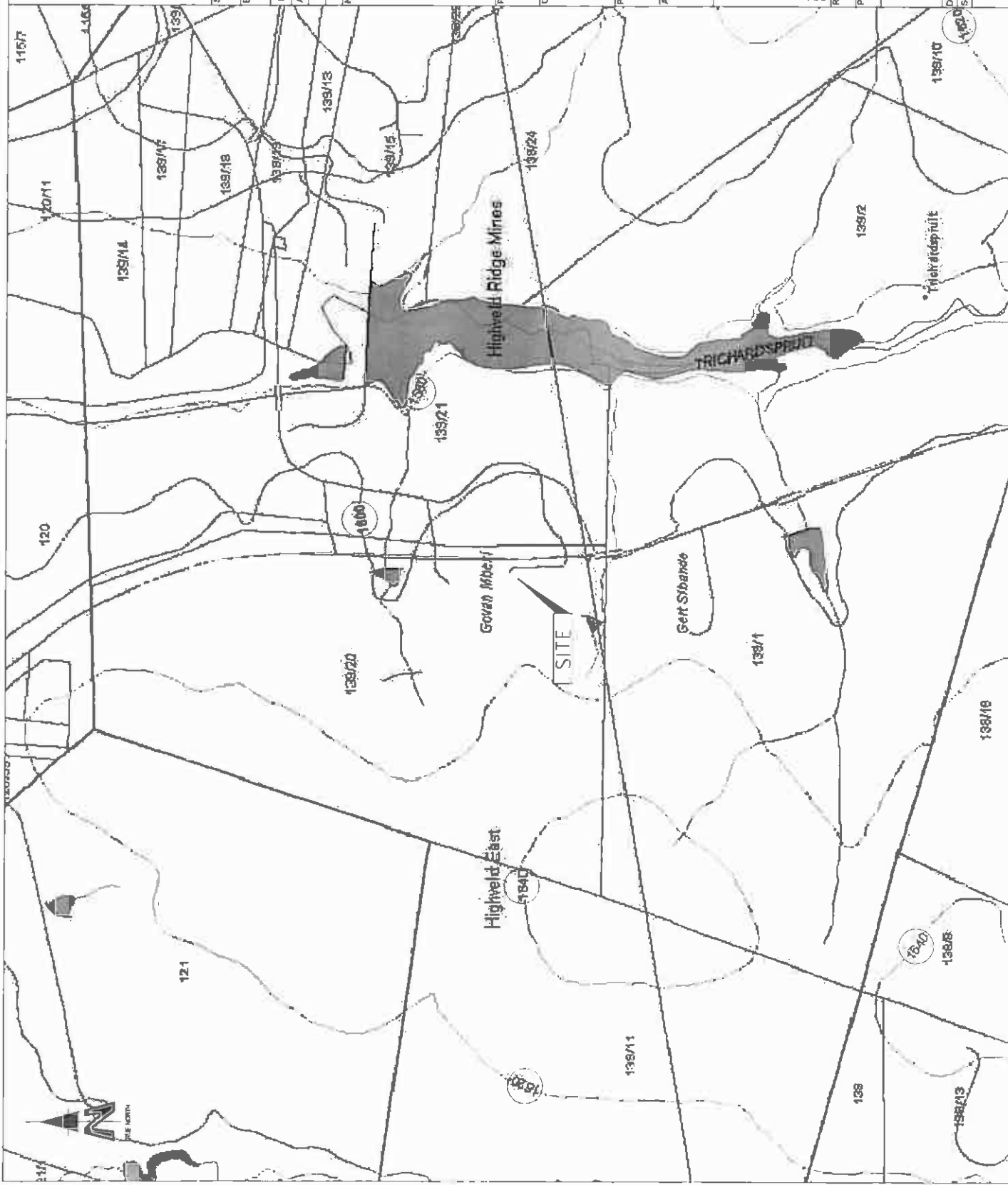
PROJECT NUMBER: 119313  
 DRAWN: MELISSA YOUNG  
 DATE: 25/11/2011  
 SCALE: 1:1500  
 REF NO: B1279467

DISCLAIMER: DIMENSIONS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.  
 ALL WORK TO BE REFERENCED TO MTN 875 SITE INFRASTRUCTURE SPECIFICATION (NOV 11/01) ISSUE 1 (REVISION 6 NOVEMBER 2007)

CURRENT LAND USE: AGRICULTURAL  
 SHEET 4 OF 9







1217 Pretorius Street  
 Midrand & Highlands Complex  
 Midrand, 2009  
 T4: +27 (0) 342 2000  
 Fax: +27 (0) 342 8208  
 Pretorius 146  
 Pretorius Bldg 315  
 Midrand Park

SITE NAME: SYFERFONTEIN  
 BASE STATION NUMBER: T9467

REV	DATE	BY	DESCRIPTION
A	21/1/2011	MY	FIRST ISSUE

NOTES:  
 OWNER: VOORSTOFFELPTY LTD

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION:  
 PORTION 20 (REMAINING EXTENT)  
 OF THE FARM TWEEDERAAI 139 IS

COORDINATES:  
 LAT: 29° 26' 06.36" S  
 LONG: 29° 12' 25.19" E

PROJECT:  
 NEW 900m TELECOMMUNICATION BASE STATION  
 WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:  
 OFF N17 NEAR TRICHARDT  
 NPJUMALANGA



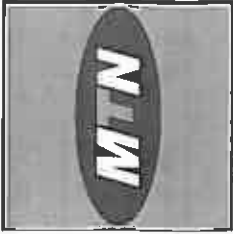
414 Hume Road  
 Midrand, 2009  
 T4: +27 (0) 342 15000  
 Fax: +27 (0) 342 15000  
 Email: info@ips.co.za

P.O. Box 20017  
 Midrand, 2009  
 T4: +27 (0) 342 15000  
 Fax: +27 (0) 342 15000

PROJECT NUMBER:  
 119375

DRAWN: MELISSA YOUNG  
 DATE: 25/1/2011  
 REF NO: 8127/9467

DRAWINGS MUST NOT BE SCALED. ONLY PROVIDED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.  
 ALL WORK TO BE PERFORMED ACCORDING TO MTN BSS SITE INFRASTRUCTURE SPECIFICATION (BSS) (03) ISSUE 1 (REVISION 6 NOVEMBER 2007)



1287 Pretorius Street  
 Block B, Highlands Campus  
 Auckland, 0602  
 Tel: +27 (0)2 942 2900  
 Fax: +27 (0)2 942 8708  
 Proposed Scale 1:600  
 Project: Ding 7/15  
 Mafab Park

SITE NAME  
**SYFERFONTEIN**

BASE STATION NUMBER  
**T9467**

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

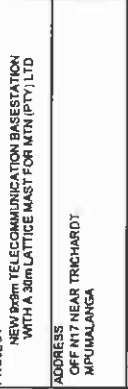
NOTES  
 OWNER: VOUGSTOFFELPTY LTD

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION  
 PORTION 20 (REMAINING EXTENT)  
 OF THE FARM TWEEDRAAI 139 IS

COORDINATES  
 LAT: 28° 20' 06.36" S  
 LONG: 28° 12' 25.19" E

PROJECT  
 NEW 3m TELECOMMUNICATION BASESTATION  
 WITH A 3m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS  
 OFF N17 NEAR TRICHARDT  
 MPMJALANGA



414 Pacific Road  
 Auckland  
 0104  
 Tel: +27 (0)2 942 15048  
 Fax: +27 (0)2 942 7072  
 Email: info@ipservices.co.za

PROJECT NUMBER  
 119373

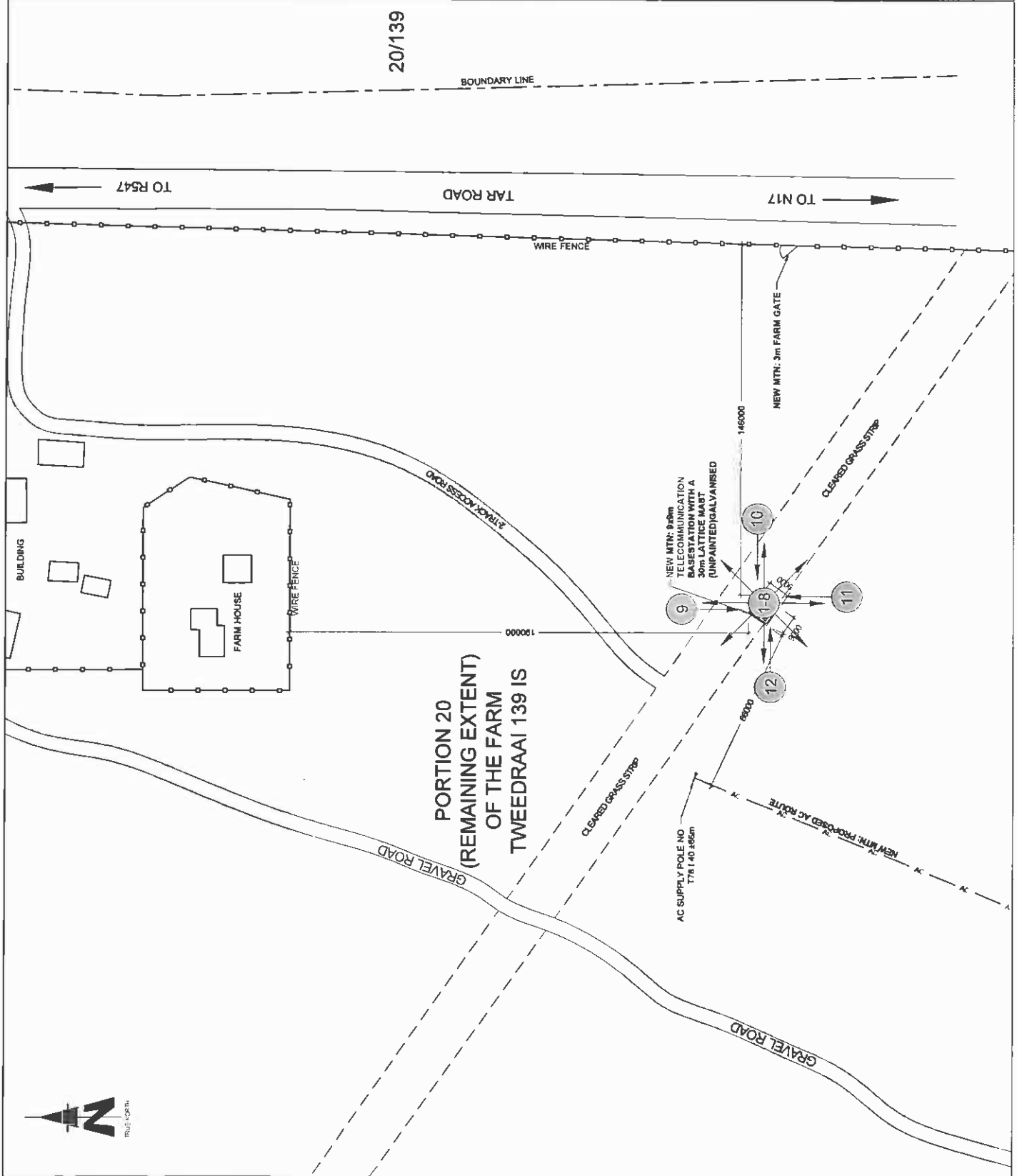
DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.

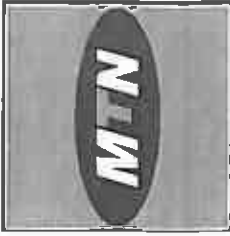
ALL WORK TO BE PERFORMED IN ACCORDANCE WITH THE SITE INFRASTRUCTURE SPECIFICATION (M1010) - ISSUE 1 REVISION 9 NOVEMBER 2007

DRAWN: MELISSA YOUNG [DATE: 25/11/2011] REF NO: 6122/T9467

SCALE: 1:500

SITE PHOTOGRAPHS  
 SHEET 6 OF 9





1287 Protea Street  
Black & White Computer  
Pretoria, 0081  
Tel: +27 (12) 342 2020  
Fax: +27 (12) 342 8278  
Personnel Suite 148  
Private Bag 3115  
Midrand Park

SITE NAME

SYFERFONTEIN

BASE STATION NUMBER

T9467

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

NOTES  
OWNER VOORSTOFTELPTY LTD

STRICTLY COMPANY CONFIDENTIAL  
PROPERTY DESCRIPTION  
PORTION 20 (REMAINING EXTENT)  
OF THE FARM TWEEDRAAI 139 IS

COORDINATES  
LAT 28° 26' 06.96" S  
LONG 29° 12' 25.19" E

PROJECT  
NEW 900m TELECOMMUNICATION BASESTATION  
WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS  
DEF N17 NEAR TRICHARDT  
MPUMALANGA



414 Number Road  
Pretoria, 0001  
Tel: +27 (12) 804 1204  
Fax: +27 (12) 806 1032  
www.infrastructure.co.za

P.O. Box 32017  
Pretoria  
0114

REF NO  
152002

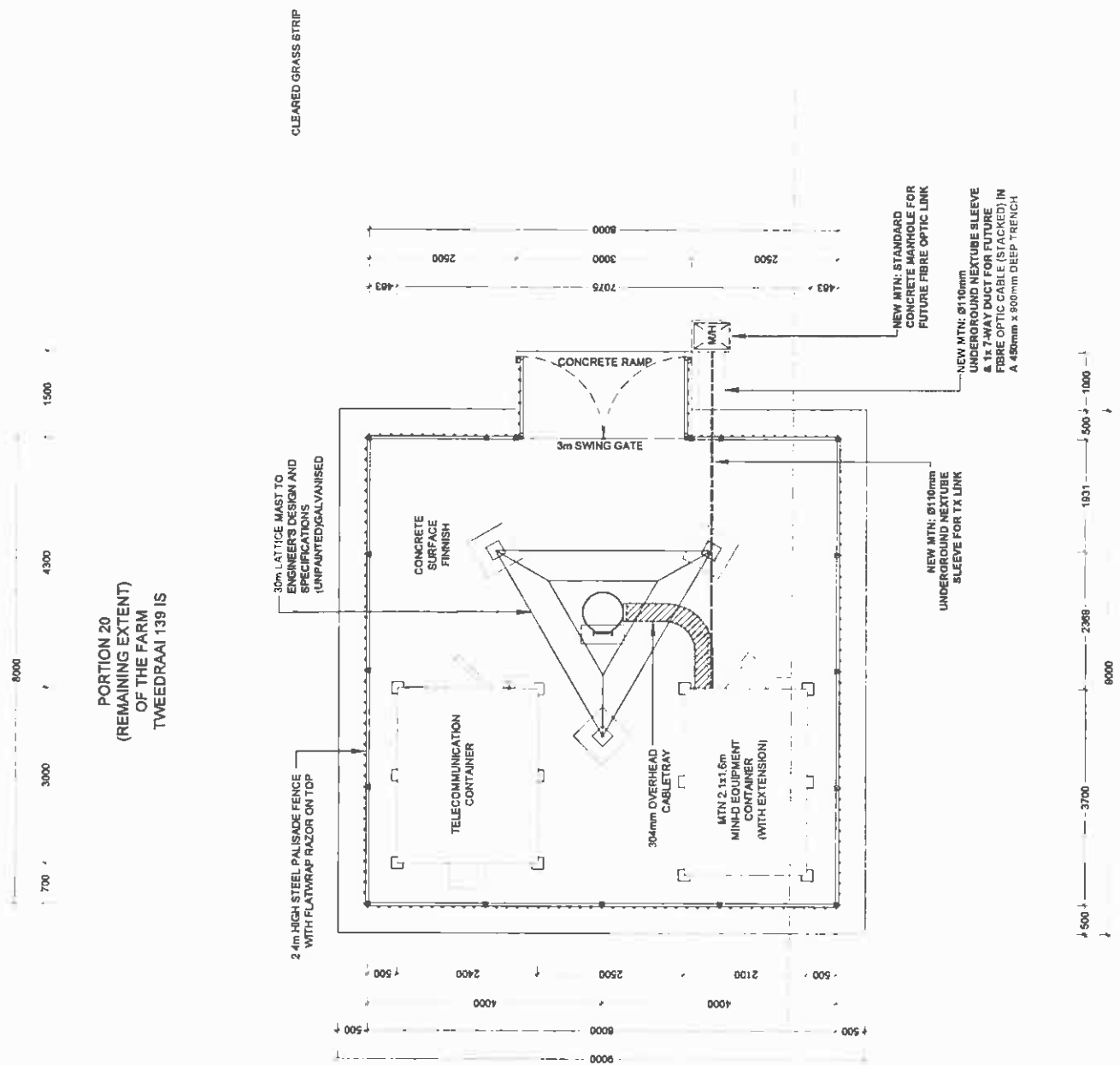
PROJECT NUMBER  
111873

DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.  
ALL WORK TO BE REFERENCED TO MTN ITS SITE INFRASTRUCTURE SPECIFICATION (R011100) ISSUE 1 (REVISION 0 NOVEMBER 2007)

DRAWN: MELISSA YOUNG | DATE: 25/11/2011

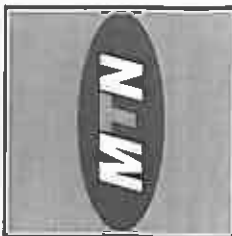
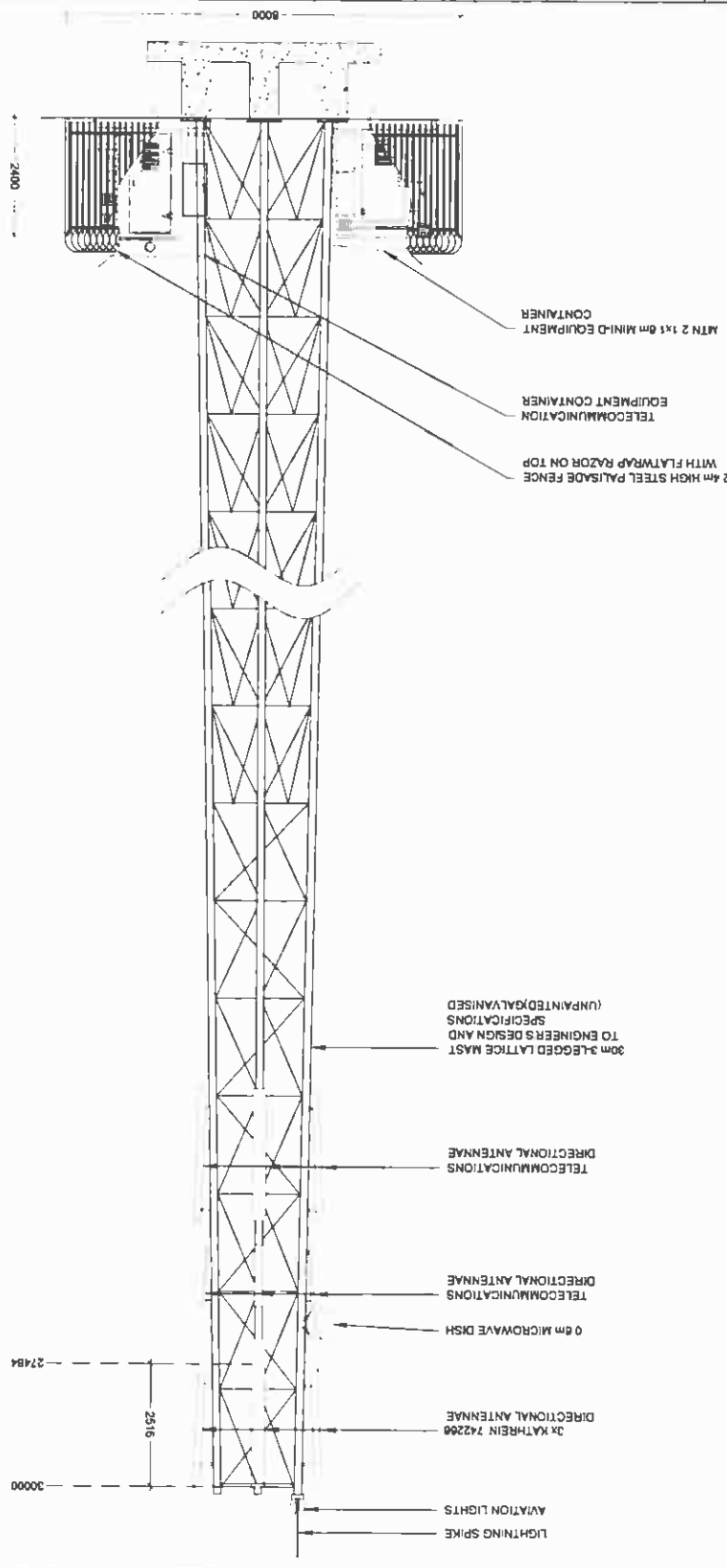
SCALE: 1:75 | REF: NO 812079457

SITE DETAIL  
SHEET 7 OF 9



**MTN ANTENNAE KEY**

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	K742 266	27.4			7/8"	± 32
2	120°	K742 266	27.4			7/8"	± 32
3	240°	K742 266	27.4			7/8"	± 32



1207 Pretorius Street  
Black & White Complex  
Brentford 6003  
Tel: +27 (0) 242 2000  
Fax: +27 (0) 242 8208  
Private Bag 315  
Boksburg

**SYFERFONTEIN**

BASE STATION NUMBER **T9467**

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

NOTES  
OMNIA VOOSTOFELPTY LTD

STRICTLY CONFIDENTIAL  
PROPERTY DESCRIPTION  
PORTION 20 (REMAINING EXTENT)  
OF THE FARM TWEEDRAAI 138 IS

COORDINATES  
LAT: 28° 28' 06.36" S  
LONG: 29° 12' 25.19" E

PROJECT  
NEW 900m TELECOMMUNICATION BASESTATION  
WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS  
OFF N17 NEAR TRICHARDT  
MPUMALANGA



414 Riebeeck Road  
Tel: +27 (0) 8541 95048  
Fax: +27 (0) 8541 7072  
0144  
info@ipsinfra.com

P.O. Box 20017  
Trompsburg  
014

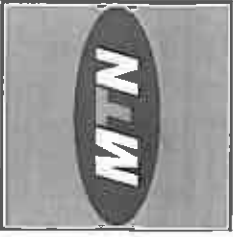
PROJECT NUMBER  
119373

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

ALL WORK TO BE REFERRED TO THE PROJECT MANAGER AT THE INFRASTRUCTURE SPECIFICATION UNIT (IPSI) BEFORE 1 NOVEMBER 2007.

DRAWN: MELISSA YOUNG  
DATE: 25/11/2011  
SCALE: 1:100  
REF NO: 81275467

**NORTH-WEST ELEVATION**  
SHEET 8 OF 9



1287 Pekaia Street  
 P.O. Box 100  
 Auckland 1142  
 New Zealand  
 Tel: +27 (0) 21 542 2000 Fax: +27 (0) 21 542 2008  
 Personal Sales 148  
 Private Ring 213  
 Service Point

SITE NAME

SYFERFONTEIN

BASE STATION NUMBER

T9467

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

NOTES

OWNER: VOIRTOFFEL PTY LTD

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION

PORTION 20 (REMAINING EXTENT)  
 OF THE FARM TWEEDKRAAL 139 IS

COORDINATES

LAT 29° 24' 05.30" S

LONG 29° 12' 25.19" E

PROJECT

NEW 900m TELECOMMUNICATION BASESTATION  
 WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS

OFF M7 NEAR TRICHARDT,  
 MPUMALANGA

INFRASTRUCTURE PLANNING SERVICES

IP

414 Pekaia Road  
 P.O. Box 100  
 Auckland 1142  
 New Zealand  
 Tel: +27 (0) 21 542 2000 Fax: +27 (0) 21 542 2008  
 Personal Sales 148  
 Private Ring 213  
 Service Point

RFG NO

152082

PROJECT NUMBER

119373

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

ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE INFRASTRUCTURE SPECIFICATION (MIS/100)

ISSUE 1 REVISION 9 NOVEMBER 2007

DRAWN: MELISSA YOUNG

DATE: 25/11/2011

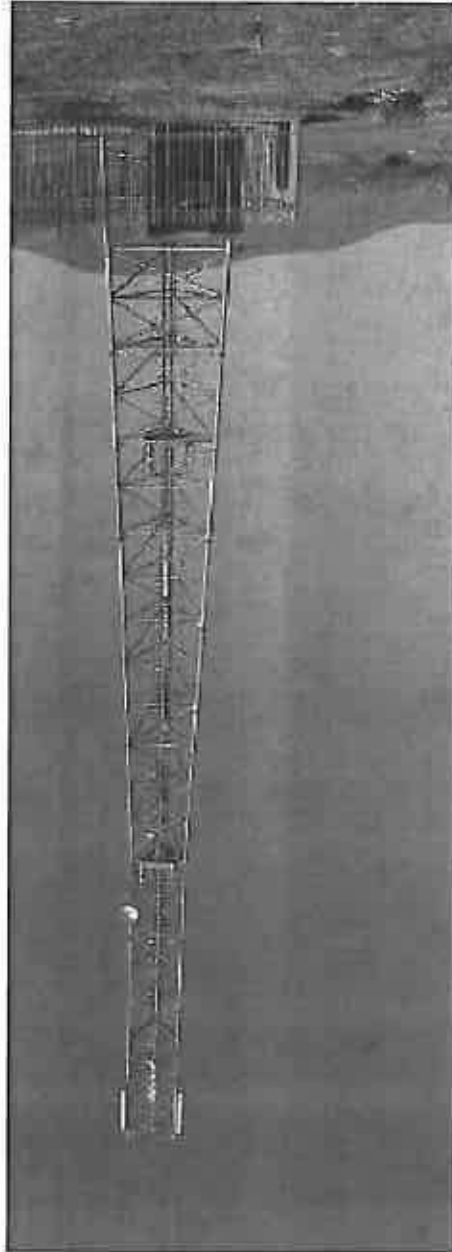
SCALE: NTS

REF NO: 81270467

FACILITY ILLUSTRATION

SHEET 9 OF 9

TYPICAL 3-LEGGED LATTICE MAST  
 (UNPAINTED) GALVANISED



T9467 / 17/2/3GS-67

21 June 2012

The Ward Councillor  
Govan Mbeki Local Municipality  
Private Bag x 1017  
Secunda  
2302

Attention: .N Zulu  
Councillor: Ward 15

**Facsimile: +27 17 634 8019**



Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road  
Silvertondale, 0184  
Pretoria

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

e-mail: admin@torblousesolutions.co.za

Dear Sir / Madam,

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (CC) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 20 REMAINING EXTENT OF THE FARM TWEEDRAAI 139 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: Torbious Solutions cc

**Comments:**

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Destination	Start Time	Time	Prints	Result	Note
0176348019	06-29 09:51	00:03:24	010/010	OK	

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

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

T9487 / 17/2/3GS-87

21 June 2012

The Ward Councillor  
 Govan Mbeki Local Municipality  
 Private Bag x 1017  
 Secunda  
 2302

Attention: .N Zulu  
 Councillor: Ward 15

Facsimile: +27 17 634 8019

Dear Sir / Madam,



Reg. No. 2001/080536/23  
 PO Box 32017, Totterdell, 0134  
 414 Rustic Road  
 Silvertondale, 0154  
 Pretoria  
 Tel: (012) 804 1804/ 6  
 Fax: (012) 804 7072  
 e-mail: admin@torbiousesolutions.co.za

**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 (CC) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 20 REMAINING EXTENT OF THE FARM TWEEDRAAI 139 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.

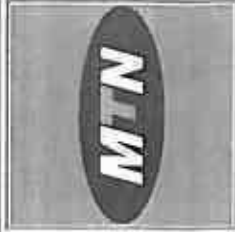
Please forward the attached documentation to the relevant Resident Association or provide us with their contact details.

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

Kind Regards,

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

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



1207 Pretoria Street  
 Block 8, Hartebeek Campsite  
 Hatfield, 0081  
 Tel: +27 (0) 342 7000  
 Fax: +27 (0) 342 1008  
 Pretoria, 0001  
 Private Bag 215  
 Hatfield, 0081

SITE NAME

**SYFERFONTEIN**

STATION NUMBER

**T9467**

REV DATE BY DESCRIPTION

A 21/1/2011 MV FIRST ISSUE

NOTES  
 OWNER: VOSSHOFFEL PTY LTD

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION  
 PORTION 20 (REMAINING EXTENT)  
 OF THE FARM TWEEDRAAM 139 IS

COORDINATES

LAT 29° 26' 05.38" S  
 LONG 28° 12' 25.18" E

PROJECT

NEW 900m TELECOMMUNICATION BASESTATION  
 WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

SUBSITES

DEF 117 NEAR TRICHARDT  
 MPUMALANGA

**INFRASTRUCTURE  
 PLANNING SERVICES**



414 Riebeeck Road  
 Johannesburg  
 GIB  
 Tel: +27 (0) 11 608 1000  
 Fax: +27 (0) 11 608 1007  
 info@ipsafrica.co.za

P.O. Box 30017  
 Johannesburg  
 2000

PROJECT NO

152002

PROJECT NUMBER

118373

DRAWINGS MUST NOT BE SCALE ONLY REQUIRED DIMENSIONS TO BE  
 USED. CONSIDER TO BE VERTICALLY SITE BENCH COMMENTARY  
 OF WORK.

ALL WORK TO BE REFERENCED ACCORDING TO MTN SITE  
 INFORMATION SYSTEMS  
 ISSUE 1 (REVISIONS NOVEMBER 2007)

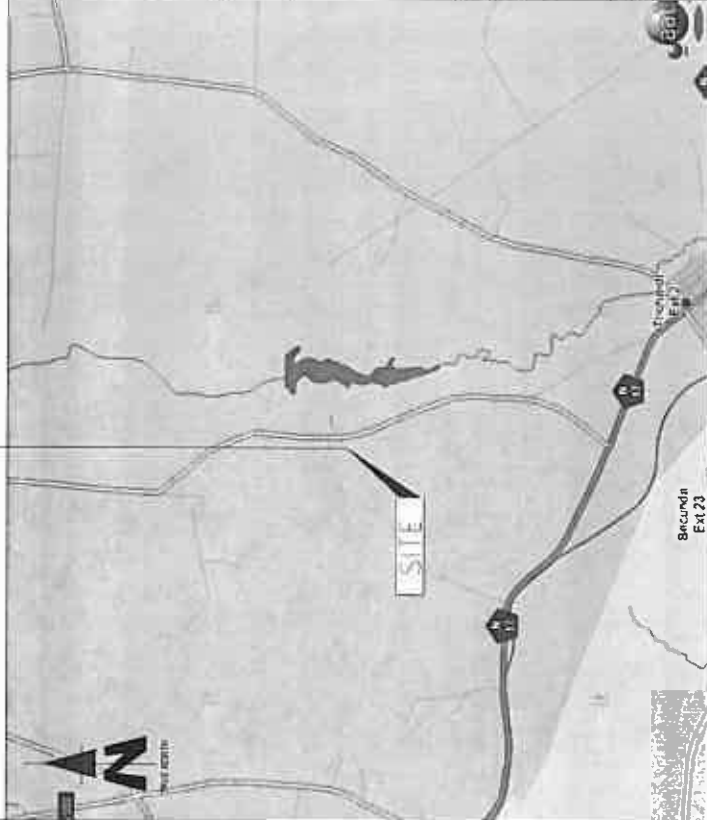
DRAWN: M. LEBISA-YOUNG

DATE: 25/1/2011

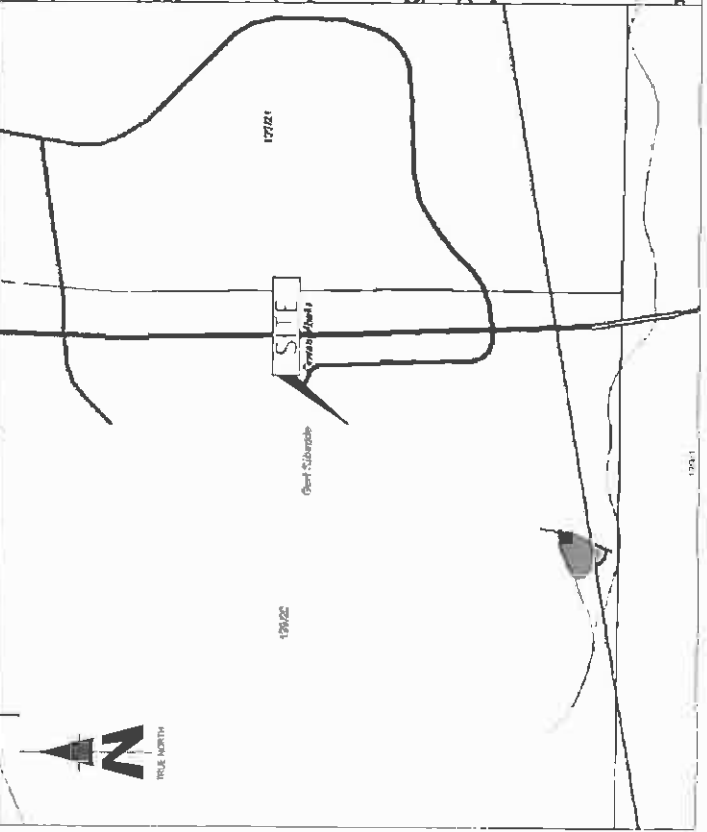
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REF: NO 812T9467

LOCALITY MAP  
 SHEET 1 OF 9



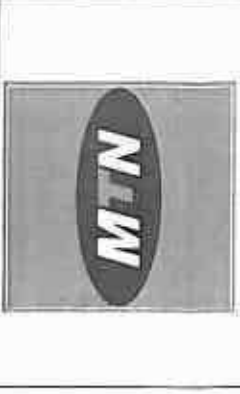




KAAFT VIR BEREENSOORDE...  
 die Kaart bestaan uit 2 velle L.G. No. A 5690/90  
 Vol No. 2 Goedgekeur CAZ...  
 mms. LANDMETER-GENERAAL  
 1990-08-09  
 1:20000  
 1:te 20 van die plaas  
 RAAT No. 139-1S

ZWAKFONTEIN NO. 120-1S Middel van spruit  
 RESTANT  
 Gedeele 14  
 Gedeele 17  
 Gedeele 18  
 Gedeele 19  
 Gedeele 13  
 Gedeele 15  
 RESTANT van Gedeele 8  
 RESTANT van Gedeele 2  
 SITE 21  
 Gedeele 1  
 A B C D E X Y Z

**SEBESKRYWING**  
 - 20mmx900mm ysterpen by basis van wa-as haekpaal  
 - NIE gebaken nie  
 - 20mmx900mm ysterpen  
 - 120mm houtheekpaal in beton



1287 Pretorius Street  
 Block B, Midrand Centre  
 Midrand, 2008  
 Tel: +27 (0) 21 542 2900  
 Fax: +27 (0) 21 542 8008  
 Website: www.mtn.com

**SITE NUMBER**  
SYFERFONTEIN

**BASE STATION NUMBER**  
T9467

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

**NOTES**  
 OWNER: VOORSTOFFEL PTY LTD  
 STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION  
 PORTION 20 (REMAINING EXTENT)  
 OF THE FARM TWEEDEKRAAL 139 IS

**COORDINATES**  
 LAT: 28° 28' 05.58" S  
 LONG: 28° 12' 25.18" E

**PROJECT**  
 NEW 900m TELECOMMUNICATION BASESTATION  
 WITH A 30m LATTICE MAST FOR MTN (PTY) LTD  
**ADDRESS**  
 OFF 117 NEAR TRICHARDT  
 MPUMALANGA



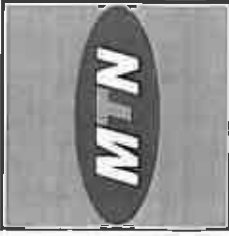
411 Rennie Road  
 1st Floor  
 Midrand, 2008  
 P.O. Box 30017  
 Midrand, 2008  
 Tel: +27 (0) 21 542 2900  
 Fax: +27 (0) 21 542 8008  
 Email: info@ipsafrica.co.za

**PROJECT NUMBER**  
 119373  
**SCALE**  
 1:20000  
**DATE**  
 25/11/2011  
**REF NO**  
 81279467  
**DRAWN**  
 MELISSA YOUNG  
**CHECKED**  
 MELISSA YOUNG  
**DATE**  
 25/11/2011  
**SCALE**  
 1:20000

**CADASTRAL INFO**  
 SHEET 2 OF 9

Augustus 1989 deur my FJ VAN ZIJL Landmeter  
 17/21





1287 Pretorius Street  
 Midrand  
 Tel: +27 (0) 21 542 3900  
 Fax: +27 (0) 21 542 4206  
 Project Scale: A40  
 Project Ref: X15  
 Issue Date: 25/11/2011

SITE NAME  
**SYPERFONTEIN**

BASE STATION NUMBER  
**T9467**

REV	DATE	BY	DESCRIPTION
A	23/11/2011	MY	FIRST ISSUE

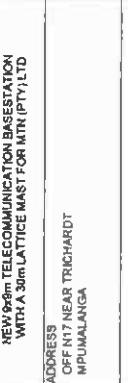
NOTES  
 OWNER: VOSSTOFFEL PTY LTD

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION  
 PORTION 20 (REMAINING EXTENT)  
 OF THE FARM TWEEDRAAI 139 IS

COORDINATES  
 LAT: 29° 26' 05.93" S  
 LONG: 29° 12' 25.18" E

PROJECT  
 NEW 900m TELECOMMUNICATION BASESTATION  
 WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS  
 OFF N7 NEAR TRICHARDT  
 MPUMALANGA



414 Pekaia Road  
 0184  
 Tel: +27 (0) 834 18048  
 Fax: +27 (0) 834 0134  
 info@ipsinfra.com

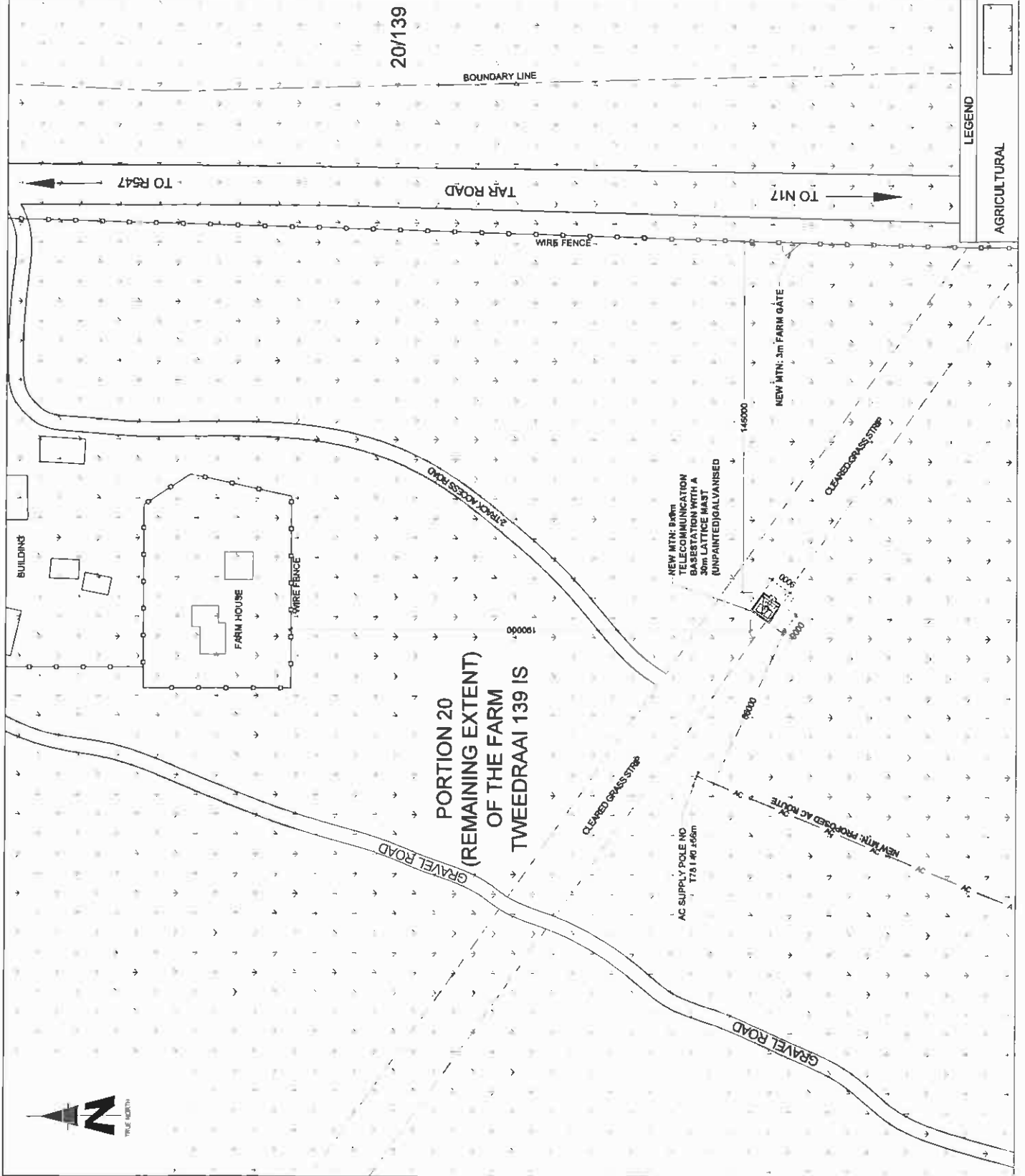
RFD NO: 152082  
 PROJECT NUMBER: 119373

DRAWN: MELISSA YOUNG  
 DATE: 25/11/2011  
 SCALE: 1:1500  
 REF. NO: 87279467

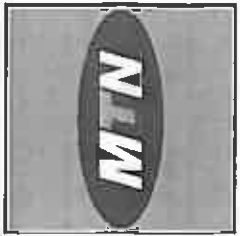
DRAWINGS MUST NOT BE SCALED. ONLY PROVIDED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT. ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE INFRASTRUCTURE SPECIFICATION R01/1001. ISSUE 1 REVISED 9 NOVEMBER 2007.

LEGEND  
 AGRICULTURAL

CURRENT LAND USE  
 SHEET 4 OF 9







1207 Pretorius Street  
 Block B, Humberidge Computer  
 Park, Midrand 2008  
 Tel: +27 (0) 21 542 2900  
 Fax: +27 (0) 21 542 2008  
 Project No: 152082

**SITE NAME**  
 SYFERFONTEIN

**BASE STATION NUMBER**  
 T9467

REV	DATE	BY	DESCRIPTION
A	21/11/2011	NY	FIRST ISSUE

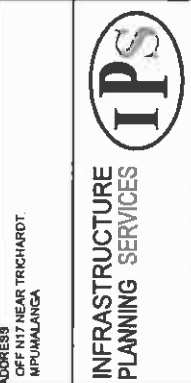
**NOTES**  
 OWNER: VOSSTOFFEL PTY LTD

**PROPERTY DESCRIPTION**  
 STRICTLY COMPANY CONFIDENTIAL  
 PORTION 20 (REMAINING EXTENT)  
 OF THE FARM TWEEDRAAI 139 IS

**COORDINATES**  
 LAT: 29° 25' 05.36" S  
 LONG: 29° 12' 25.19" E

**PROJECT**  
 NEW 90m TELECOMMUNICATION BASESTATION  
 WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

**ADDRESS**  
 OFF N17 NEAR TRICHARDT,  
 MPUMALANGA

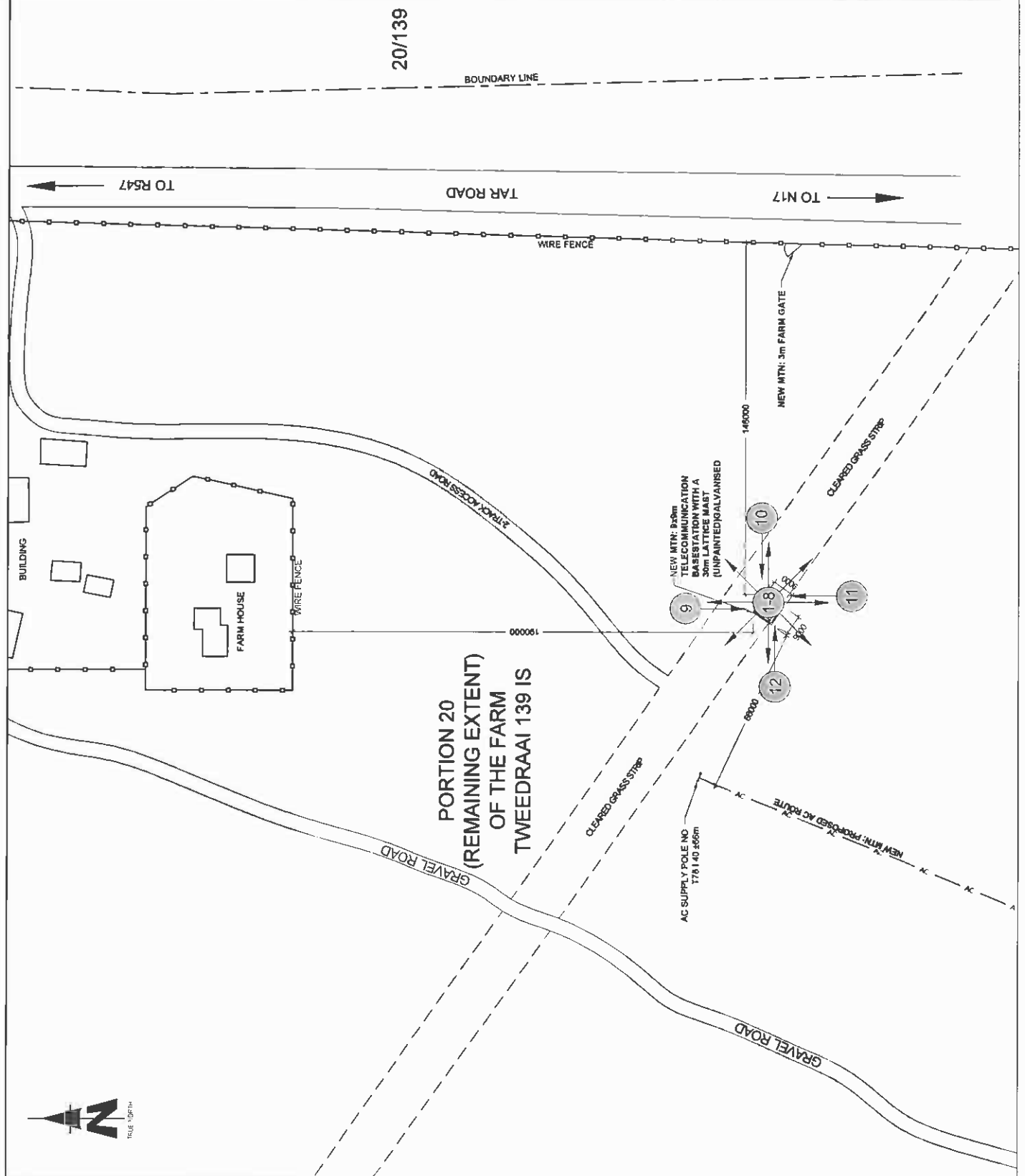


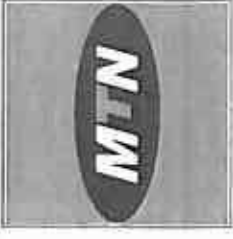
**414 Maitland Road**  
 4th Floor  
 Sandton  
 Tel: +27 (0) 210 12549  
 Fax: +27 (0) 210 7072  
 Email: info@ipsi.co.za

**PROJECT NUMBER**  
 118373

**DRAWN** MELISSA YOUNG  
**DATE** 25/11/2011  
**SCALE** 1:1500  
**REF NO** 61276467

**SITE PHOTOGRAPHS**  
 SHEET 6 OF 9





1287 Pretorius Street,  
Block B, Heidelberg Campus  
Heidelberg, 6001  
Tel: +27 (0) 21 342 2000  
Fax: +27 (0) 21 342 8106  
Private Bag 215  
Midrand, 2008

SYFERFONTEIN

BASE STATION NUMBER  
T9467

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FR&T ISSUE

NOTES  
DANKER VOASTOFFEL PTY LTD

STRICTLY COMPANY CONFIDENTIAL  
PROPERTY DESCRIPTION  
PORTION 20 (REMAINING EXTENT)  
OF THE FARM TWEEDRAAI 139 IS

COORDINATES  
LAT: 28° 28' 05.35" S  
LONG: 28° 12' 25.19" E

PROJECT  
NEW 90cm TELECOMMUNICATION BASESTATION  
WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS  
OFF M17 NEAR TRICHARDT,  
MPUMALANGA



414 Ruyter Road  
Glenwood  
2194  
Tel: +27 (0) 21 9048  
Fax: +27 (0) 21 3072  
www.ipsafrica.com

RFO NO  
152082

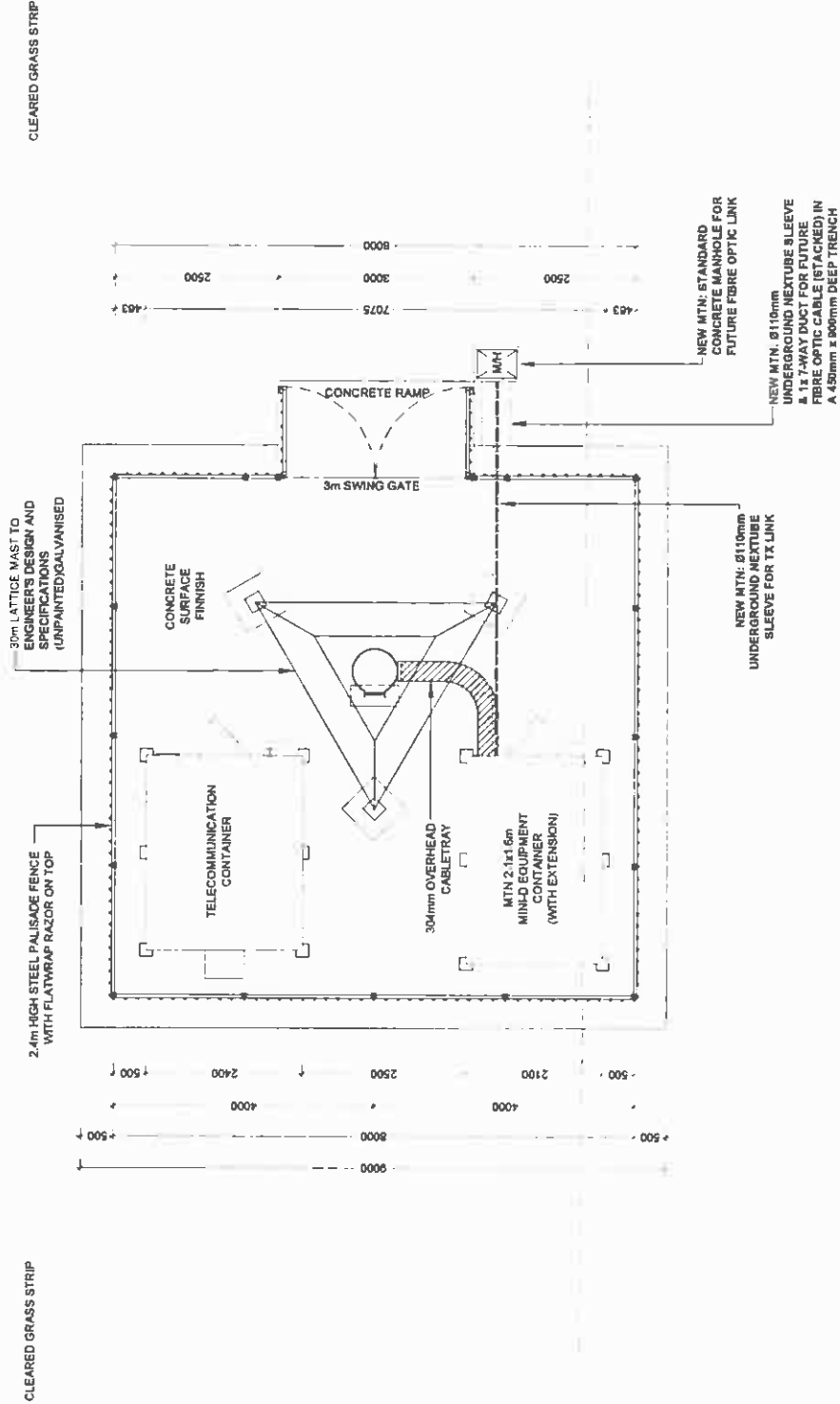
PROJECT NUMBER  
118373

DRAWINGS MUST NOT BE SCALED. ONLY PROVIDED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK. ALL WORK TO BE PERFORMED IN ACCORDANCE TO MTN SITE INFRASTRUCTURE SPECIFICATION INDICATOR ISSUE 1, REVISION 3, NOVEMBER 2007.

DRAWN: MELISSA YOUNG  
DATE: 25/11/2011  
SCALE: 1:75  
REF. NO: 912/19467

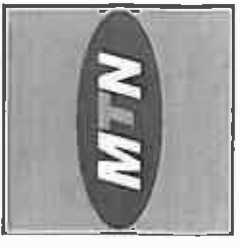
SITE DETAIL  
SHEET 7 OF 9

PORTION 20  
(REMAINING EXTENT)  
OF THE FARM  
TWEEDRAAI 139 IS



**MTN ANTENNAE KEY**

SECTOR	AZMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	K742 208	27.4			7/8"	± 32
2	120°	K742 208	27.4			7/8"	± 32
3	240°	K742 208	27.4			7/8"	± 32



1247 Pretorius Street  
Block B, Handmade Computer  
Johannesburg, 2001  
Tel: +27 (0)11 541 5000  
Fax: +27 (0)11 541 5000  
www.mtn.co.za  
Project Sully 148  
Pretorius Street 215  
Johannesburg

**SITE NAME**  
SYFERFONTEIN

**BASE STATION NUMBER**  
T9467

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

**NOTES**  
OWNER: VOARSTOFFEELPTY LTD

STRICTLY COMPANY CONFIDENTIAL  
PROPERTY DESCRIPTION  
PORTION 20 (REMAINING EXTENT)  
OF THE FARM TWEDDRAAI 139 IS

**COORDINATES**  
LAT: 29° 04' 06.94" S  
LONG: 29° 12' 25.10" E

**PROJECT**  
NEW 80m TELECOMMUNICATION BASESTATION  
WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

**ADDRESS**  
OFF N17 NEAR TRICHARDT  
MFUMALANGA

**INFRASTRUCTURE PLANNING SERVICES**



414 Rennie Road  
11th Floor  
0184  
Tel: +27 (0)11 524 0000  
Fax: +27 (0)11 524 0001  
www.ipsafrica.com

**PROJECT NUMBER**  
119373

**DATE** 25/11/2011  
**REF NO** 81279467

**SCALE** 1:100

**DRAWN** MELISSA YOUNG

**ISSUE 1** REVISION 0 NOVEMBER 2007

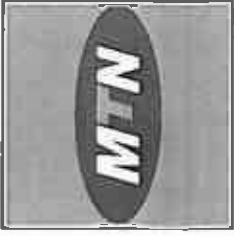
**ALL WORK TO BE REFERENCED TO MTN 815 SITE INFRASTRUCTURE SPECIFICATION RUSH1001**

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

**SCALE 1:100**

**NORTH-WEST ELEVATION**

**SHEET 8 OF 9**



1287 Pretoria Street  
 Block B, Sandton City  
 Sandton, 2146  
 Tel: +27 (12) 542 7000  
 Fax: +27 (12) 542 5006  
 Private Bag 219  
 Sandton, 2146

1287 Pretoria Street  
 Block B, Sandton City  
 Sandton, 2146  
 Tel: +27 (12) 542 7000  
 Fax: +27 (12) 542 5006  
 Private Bag 219  
 Sandton, 2146

SITE NAME

SYFERFONTEIN

BASE STATION NUMBER

T9467

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

NOTES

OWNER: VOORSTOFFEL PTY LTD

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION

PORTION 20 (REMAINING EXTENT)  
 OF THE FARM 'TWEEDRAAI 139 IS

COORDINATES

LAT 29° 25' 06.89" E

LONG 29° 12' 25.18" E

PROJECT

NEW 9x9m TELECOMMUNICATION BASESTATION  
 WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS

OFF N17 NEAR TRICHARDT,  
 MPUMALANGA

INFRASTRUCTURE  
 PLANNING SERVICES

IPS

414 Riebeek Road  
 Sandton, 2146  
 Tel: +27 (12) 594 1504/8  
 Fax: +27 (12) 594 1507  
 Email: info@ipsafrica.co.za

P.O. Box 30017  
 Sandton, 2146  
 Tel: +27 (12) 594 1504/8  
 Fax: +27 (12) 594 1507  
 Email: info@ipsafrica.co.za

RFC NO.

150082

PROJECT NUMBER

118373

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 REFERENCED TO MTN SITE  
 INFRASTRUCTURE SPECIFICATION R1011/201

ISSUE 1 (REVISION 9 NOVEMBER 2007)

DRAWN: MELESSA YOUNG

DATE: 25/11/2011

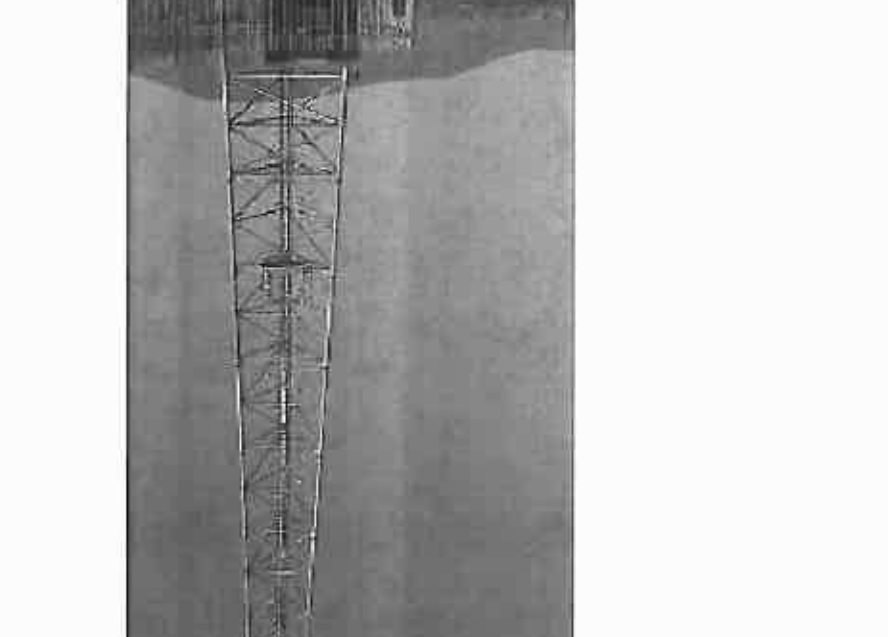
SCALE: NTS

REF. NO: 87278467

FACILITY ILLUSTRATION

SHEET 9 OF 9

TYPICAL 3-LEGGED LATTICE MAST  
 (UNPAINTED) GALVANISED





Our Reference:  
T9467 /17/2/3GS-67



21 June 2012

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

Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road  
Silvertondale, 0184  
Pretoria

Attention: Mr Mbuleleni Ambrose Ngcobo

Environmental Management Section

Tel: (012) 804 1504/ 6

Fax: (012) 804 7072

e-mail: admin@torbiousesolutions.co.za

Facsimile (017) 631 1607

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 (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 20 REMINING EXTENT OF THE FARM TWEEDRAAI 139 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
0178111207	06-29 10:14	00:02:48	010/010	OK	

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

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

Our Reference:  
T9467 /17/2/3GS-67

21 June 2012

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

Attention: Mr Mbulelani Ambrose Ngcobo

Environmental Management Section

Facsimile (017) 631 1607

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 (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 20 REMINING EXTENT OF THE FARM TWEEDRAAI 139 IS**

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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:

---



---



---



Reg. No. 2001/080536/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road  
 Silvertondale, 0184  
 Pretoria

Tel: (012) 804 1504/6

Fax: (012) 804 7072

e-mail: admin@torblousesolutions.co.za

Destination	Start Time	Time	Prints	Result	Note
0176311607	06-29 10:07	00:00:56	000/010	No Ans	

Note TMR: Timer TX, POL: Polling, ORG: Original Size Setting, FME: Frame Erase TX,  
 MIX: Mixed Original TX, CALL: Manual TX, CSRC: CSRC, FWD: Forward, PC: PC-Fax,  
 BND: Double-Sided Binding Direction, SP: Special original, FCODE: F-code, RTX: Re-TX,  
 RLV: Relay, 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:  
T9467 /17/2/3GS-67

21 June 2012

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

Attention: Mr Mbuleleni Ambrose Ngcobo  
Environmental Management Section

Facsimile (017) 631 1607

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 (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 20 REMINING EXTENT OF THE FARM TWEEDRAAI 139 IS**

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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:

---



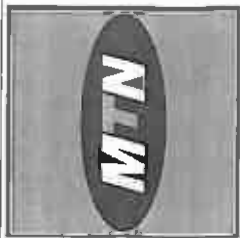
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Reg. No. 2001/060635/23  
PO Box 32017, Totiusdal, 0134  
414 Rustic Road  
Silvertondale, 0184  
Pretoria  
Tel: (012) 804 1504/6  
Fax: (012) 804 7072  
e-mail: admin@torblousesolutions.co.za



1877 Pretorius Street  
 Block B, Midrand Campus  
 Midrand, 2008  
 T4 37 18 545 7949  
 Fax: +27 (12) 342 8208  
 Pretorius Street, 1877  
 Private Bag 3115  
 Midrand, 2008

SITE NAME

SYFERFONTEIN

BASE STATION NUMBER

T9467

REV	DATE	BY	DESCRIPTION
A	21/1/2011	MY	FIRST ISSUE

NOTES  
 OWNER: VORSTOFFEL PTY LTD

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION  
 PORTION 20 (REMAINING EXTENT)  
 OF THE FARM TWEEDRAAI 138 IS

COORDINATES  
 LAT 29° 28' 05.36" S  
 LONG 29° 12' 25.19" E

PROJECT  
 NEW 900m TELECOMMUNICATION BASESTATION  
 WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

CLIENTS  
 OFF N17 NEAR TRICHARDT  
 MPUMALANGA



414 Pacific Road  
 Midrand  
 2008  
 T4 37 18 545 7949  
 Fax: +27 (12) 342 8208  
 info@infrastructure.co.za

P.O. Box 52017  
 Johannesburg  
 2004

PROJECT NUMBER

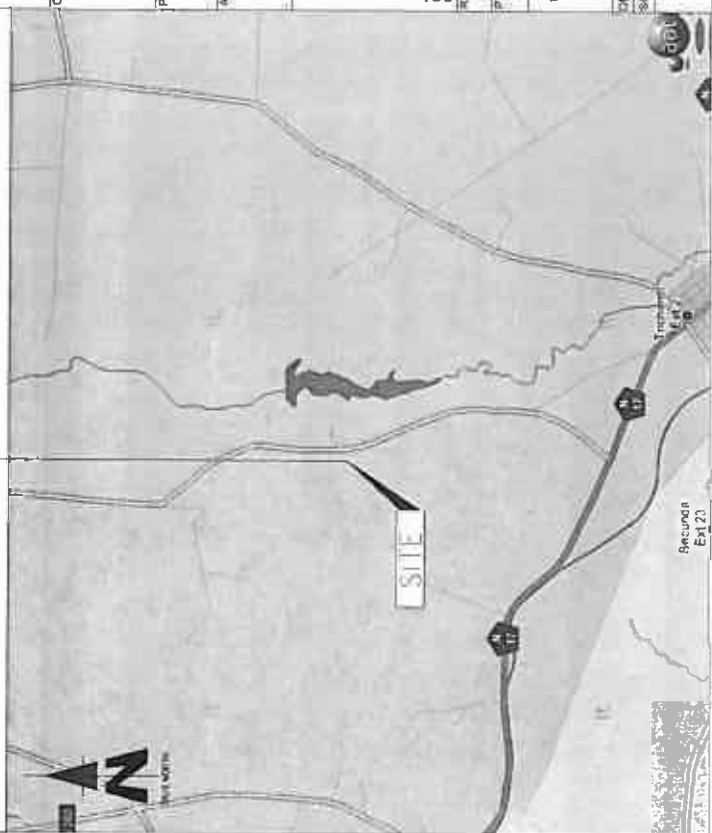
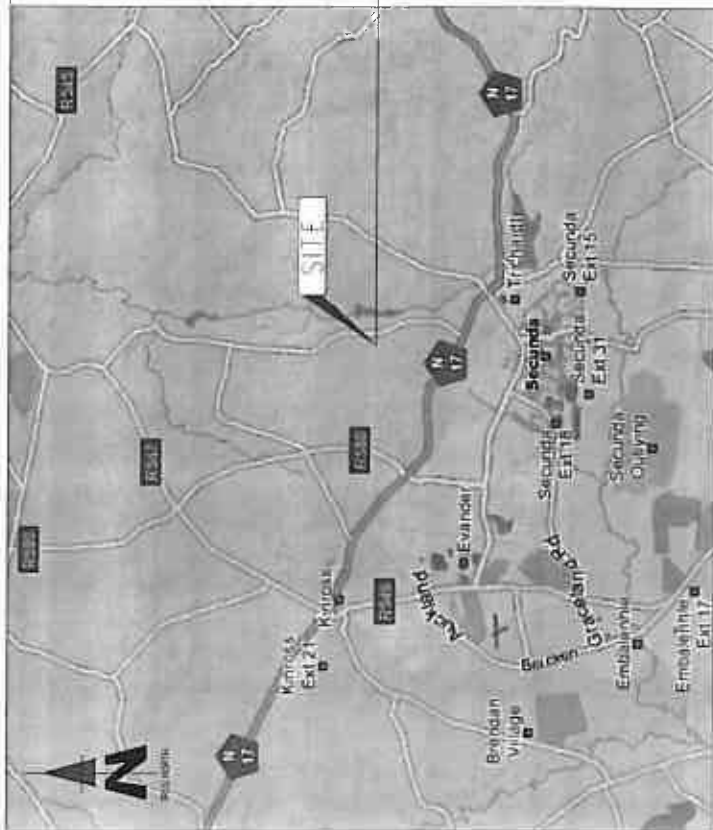
152082

11/11/11

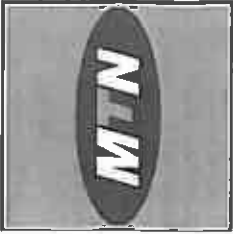
DRAWINGS MUST BE SCALED. ONLY DIMENSIONS TO BE  
 USED DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT  
 OF WORK.  
 ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE  
 INFRASTRUCTURE SPECIFICATION (MPT/1001)  
 ISSUE 1 (REVISION 6 NOVEMBER 2007)

DRAWN: MELISSA YOUNG DATE: 25/11/2011  
 SCALE: N/A REF. NO: 612/10467

LOCALITY MAP  
 SHEET 1 OF 9







1207 Protea Street,  
Boks B, Houtboks Complex  
Houtboks Estate  
Pretoria 0001  
Tel: +27 (0) 12 542 2000  
Fax: +27 (0) 12 542 8708  
Project Site Job  
Private Bag 115  
Boks B Post

SITE NAME  
**SYFERFONTEIN**

BASE STATION NUMBER  
**T9467**

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRBY ISSUE

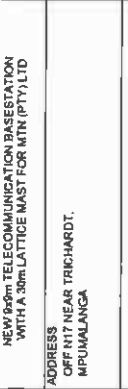
NOTES  
OMNEA VOESTOPEL PTY LTD

STRICTLY COMPANY CONFIDENTIAL  
PROPERTY DESCRIPTION  
PORTION 20 (REMAINING EXTENT)  
OF THE FARM TWEEDRAAI 139 IS

COORDINATES  
LAT: 28°20'06.36" S  
LONG: 28°12'25.19" E

PROJECT  
NEW 900m TELECOMMUNICATION BASESTATION  
WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS  
OFF M17 NEAR TRICHARDT,  
MPUMALANGA



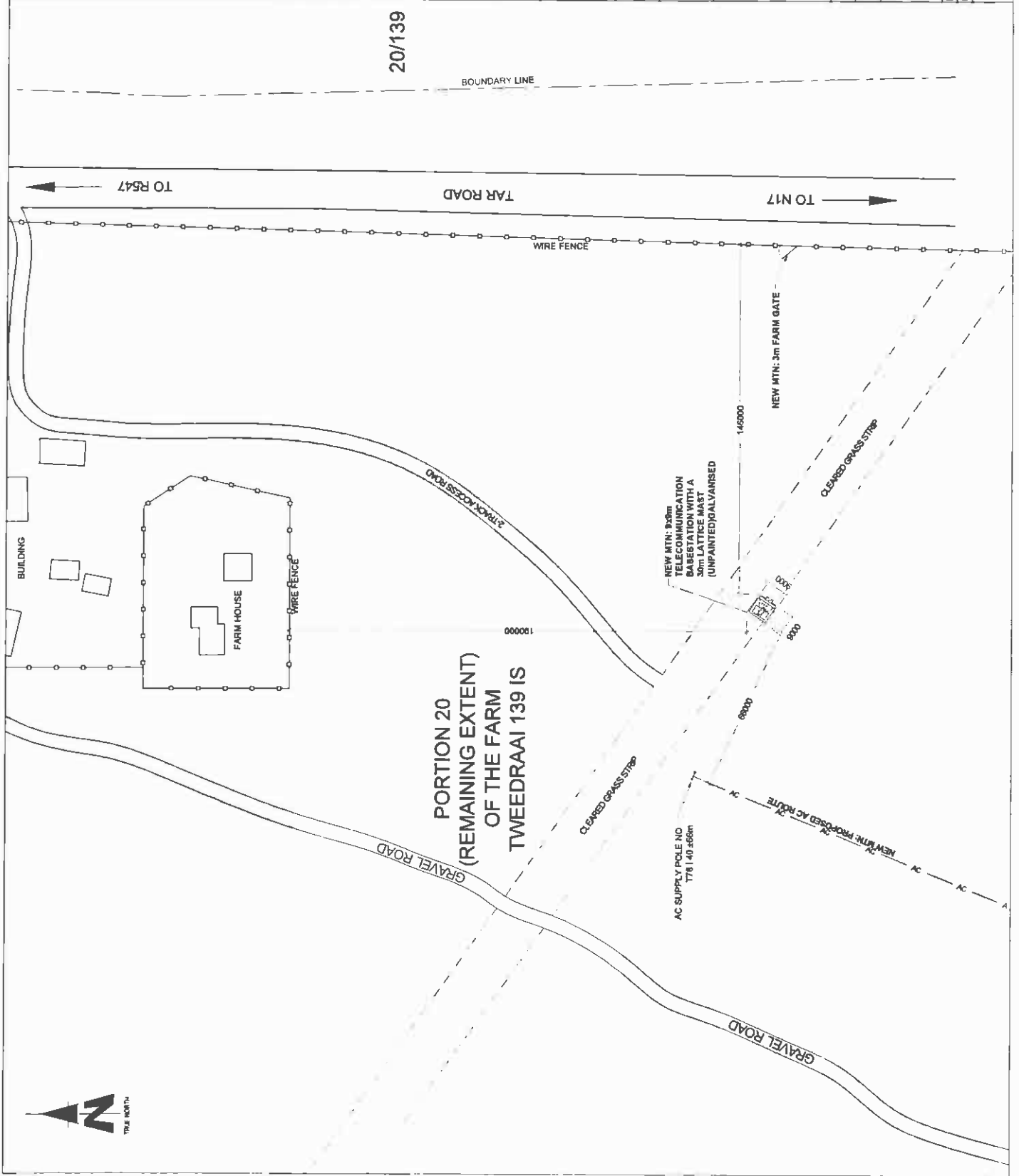
414 Randa Road  
Houtboks Estate  
Pretoria 0001  
Tel: +27 (0) 12 542 1949  
Fax: +27 (0) 12 542 8708  
P.O. Box 20017  
Boks B Post  
0154

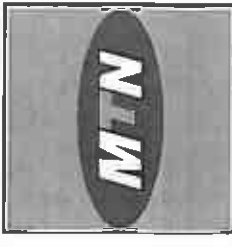
RFID NO  
1E2002

PROJECT NUMBER  
119373

DRAWN: MELISSA YOUNG DATE: 25/11/2011  
SCALE: 1:1500 REF NO: 812/T9467

SITE DEVELOPMENT PLAN  
SHEET 3 OF 9





1207 Pinetown Street  
 Block B, Macdonald Complex  
 Pinetown, Durban 4013  
 Tel: +27 (12) 342 2900  
 Fax: +27 (12) 342 8208  
 Pinetown Sales 108  
 Pinetown Sales 715  
 Macdon Park

SITE NAME  
**SYFERFONTEIN**

BASE STATION NUMBER  
**T9467**

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

NOTES  
 OWNER: VOEGSTOFFEL PTY LTD

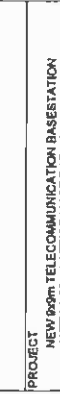
PROPERTY DESCRIPTION  
 STRICTLY COMPANY CONFIDENTIAL  
 PORTION 20 (REMAINING EXTENT)  
 OF THE FARM TWEEDRAAI 139 IS

COORDINATES  
 LAT: 29° 20' 05.36" S  
 LONG: 29° 12' 25.11" E

PROJECT  
 NEW 900m TELECOMMUNICATION BASESTATION  
 WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS  
 OFF N17 NEAR TRICHARDT  
 MPUMALANGA

INFRASTRUCTURE  
 PLANNING SERVICES



414 Pinetown Road  
 Tel: +27 (12) 344 1948  
 Fax: +27 (12) 344 1972  
 Email: info@ipsafrica.com

P.O. Box 20017  
 Pinetown  
 4013

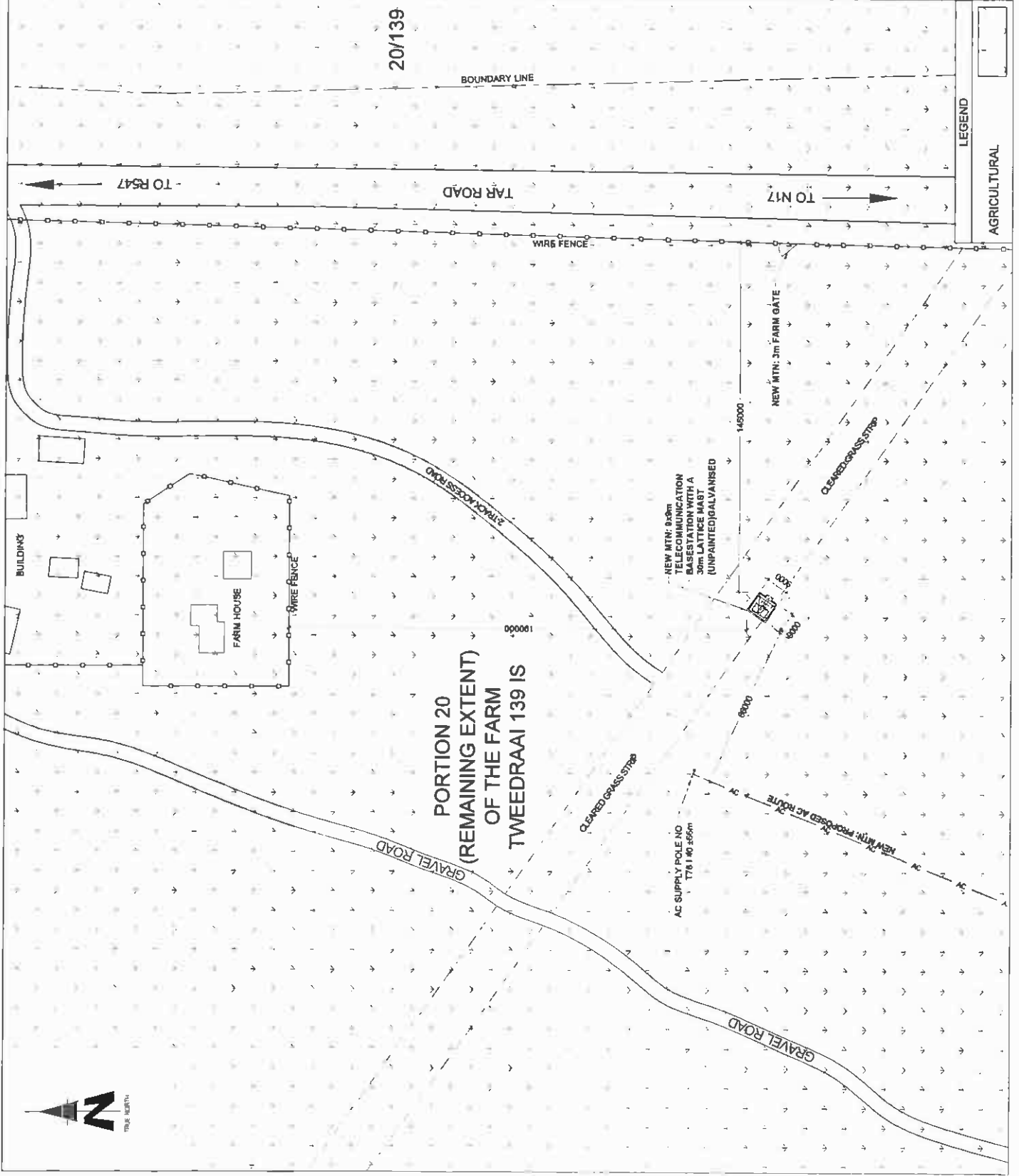
PROJECT NUMBER  
 119373

SCALE 1:1500

DRAWN: MELISSA YOUNG  
 DATE: 25/11/2011

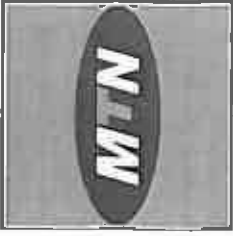
REF NO: 81279467

CURRENT LAND USE  
 SHEET 4 OF 9



LEGEND

[Symbol]	AGRICULTURAL
----------	--------------



1287 Pheasant Street  
 Midrand, Gauteng  
 South Africa  
 Tel: +27 (0)2 342 2000  
 Fax: +27 (0)2 342 8708  
 Private Bag 715  
 Midrand Park

SITE NAME  
**SYFERFONTEIN**

BASE STATION NUMBER  
**T9467**

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

NOTES  
 OMNIA VORTELPTY.LTD

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION  
 PORTION 20 (REMAINING EXTENT)  
 OF THE FARM TWEEDRAAI 138 IS

COORDINATES  
 LAT: 28° 26' 06.99" S  
 LONG: 29° 12' 29.19" E

PROJECT  
 NEW 900M TELECOMMUNICATION BASESTATION  
 WITH A 30M LATTICE MAST FOR MTN (PTY) LTD

ADDRESS  
 OFF N17 NEAR TRICHARDT  
 MPUMALANGA



INFRASTRUCTURE  
 PLANNING SERVICES

414 Ruyk Road  
 Tel: +27 (0)2 661 15048  
 Fax: +27 (0)2 661 0184  
 P.O. Box 30017  
 Midrand, Gauteng  
 16134

REQ NO  
 152002

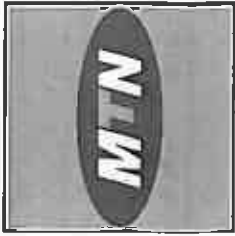
PROJECT NUMBER  
 119373

DRAWN: MELISSA YOUNG  
 DATE: 25/11/2011  
 SCALE: NTS  
 REF: NO 81270467

CONTOUR INTERVAL  
 SHEET 5 OF 9







1287 Pretorius Street  
Black & Whiteville Campus  
Midrand, 0082

164-471-0347 (Toll Free)  
Fax: +27 (0) 21 240 3300

Project Site 148  
Private Bag 115  
Midrand Park

SITE NAME  
**SYFERFONTEIN**

BASE STATION NUMBER  
**T9467**

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MTY	FIRST ISSUE

NOTES  
OWNER: VOSSOFFEL PTY LTD

STRICTLY COMPANY CONFIDENTIAL  
PROPERTY DESCRIPTION  
PORTION 20 (REMAINING EXTENT)  
OF THE FARM TWEEDRAAI 139 IS

COORDINATES  
LAT: 29° 20' 05.36" S  
LONG: 29° 12' 25.19" E

PROJECT  
NEW 549m TELECOMMUNICATION BASESTATION  
WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS  
OFF N17 NEAR TRICHARDT  
MPLUMALANGA

INFRASTRUCTURE  
PLANNING SERVICES



414 Rivier Road  
Midrand  
Tel: +27 (0) 800 15048  
Fax: +27 (0) 800 7072  
info@infrastructure.co.za

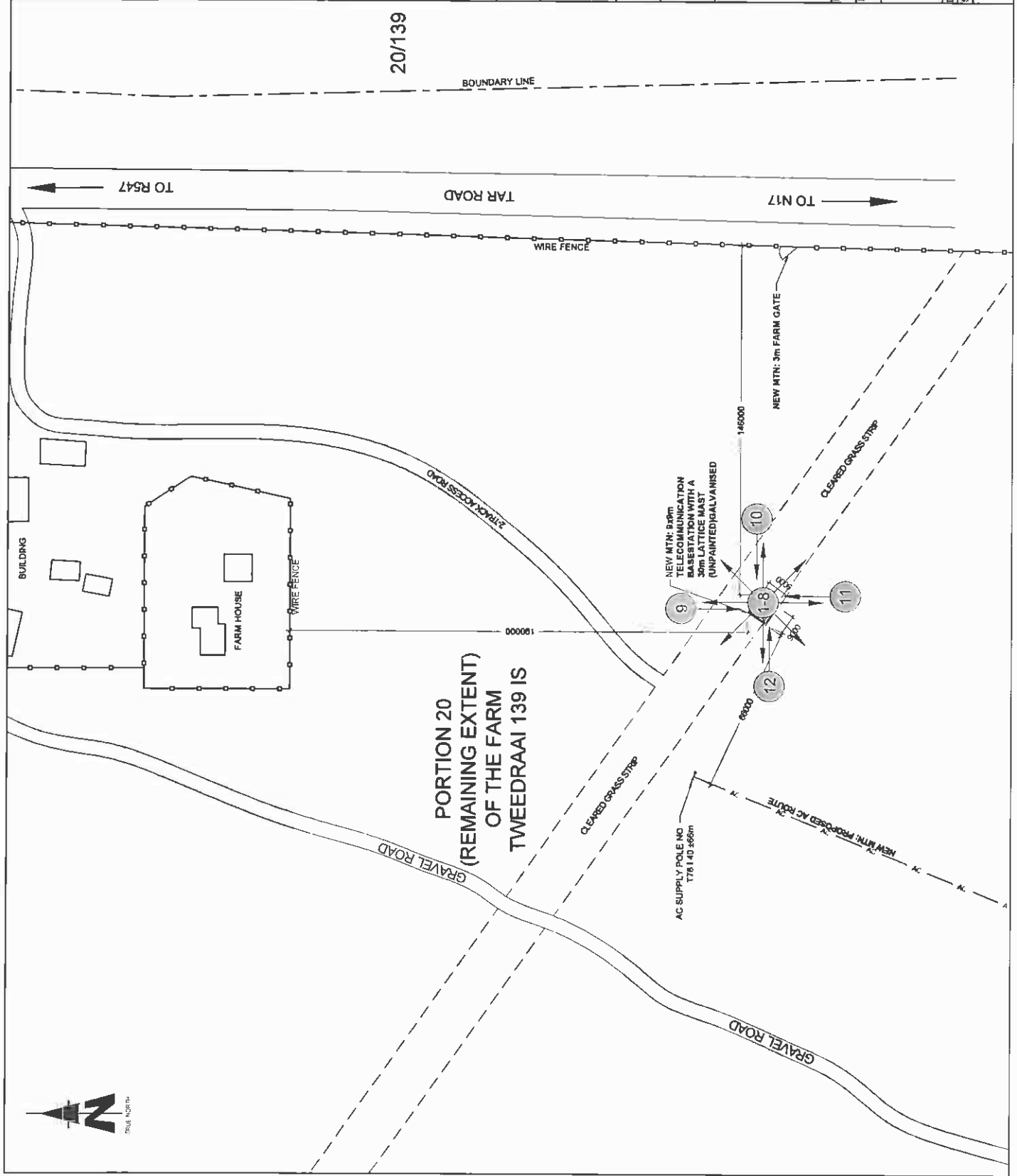
P.O. Box 32017  
Tembisa  
2013

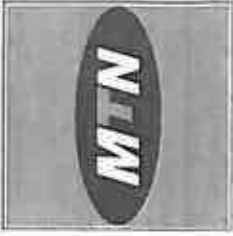
PROJECT NUMBER  
192002  
1:19373

DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE  
USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT  
OF WORK.  
ALL WORKS TO BE PERFORMED ACCORDING TO MTN BTS SITE  
INSTALLATION AND MAINTENANCE MANUAL (ISSUE 1 NOVEMBER 2007)

DRAWN: MELISSA YOUNG DATE: 25/11/2011  
SCALE: 1:1500 REF NO: 812/16467

SITE PHOTOGRAPHS  
SHEET 6 OF 9





1287 Protea Street,  
Block B, Hardside Campus  
Midrand, 0081  
Tel: +27 (12) 342 2000  
Fax: +27 (12) 342 8208  
Private Bag 715  
Midrand, 0081

Project Scale 1:40  
Private Bag 715  
Midrand, 0081

SITE NAME  
**SYFERFONTEIN**

BASE STATION NUMBER  
**T9467**

REV	DATE	BY	DESCRIPTION
A	21/1/2011	MY	FIRST ISSUE

NOTES  
OWNER VOORSTOFTELPTY LTD

STRICTLY COMPANY CONFIDENTIAL  
PROPERTY DESCRIPTION  
PORTION 20 (REMAINING EXTENT)  
OF THE FARM TWEEDRAAI 139 IS

COORDINATES  
LAT: 28° 26' 06.96" S  
LONG: 28° 12' 25.19" E

PROJECT  
NEW 90cm TELECOMMUNICATION BASE STATION  
WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS  
OFF N17 NEAR TRICHARDT  
MPUMALANGA

PROJECT  
NEW 90cm TELECOMMUNICATION BASE STATION  
WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS  
OFF N17 NEAR TRICHARDT  
MPUMALANGA

PROJECT  
NEW 90cm TELECOMMUNICATION BASE STATION  
WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS  
OFF N17 NEAR TRICHARDT  
MPUMALANGA



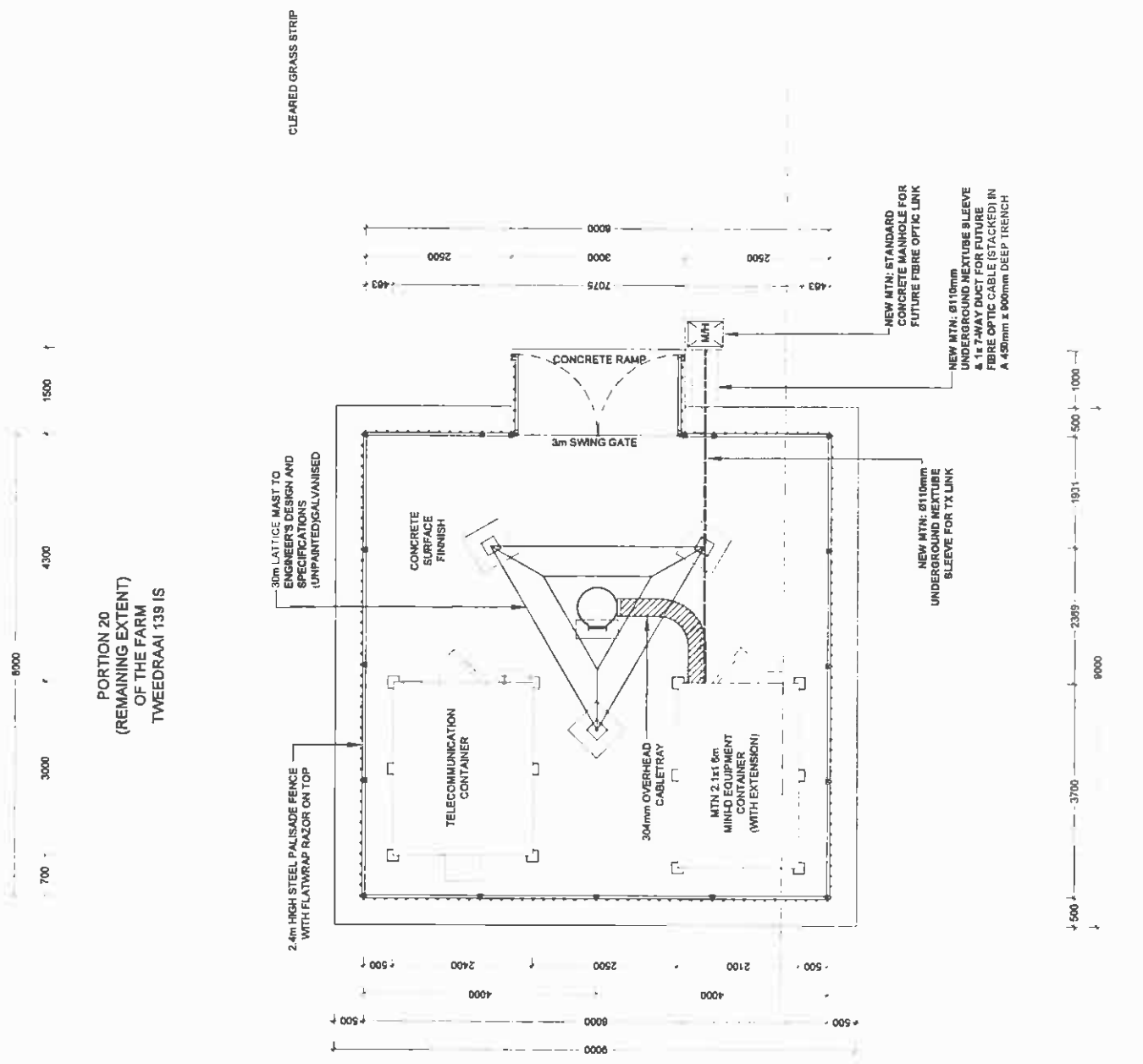
414 Protea Road  
Midrand, 0081  
Tel: +27 (12) 804 15048  
Fax: +27 (12) 804 7072  
0184  
www.ipsafrica.com

P.O. Box 20017  
Midrand, 0081  
0184

PROJECT NUMBER  
119373

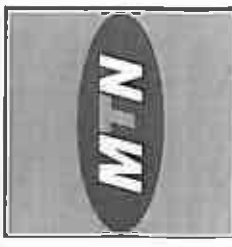
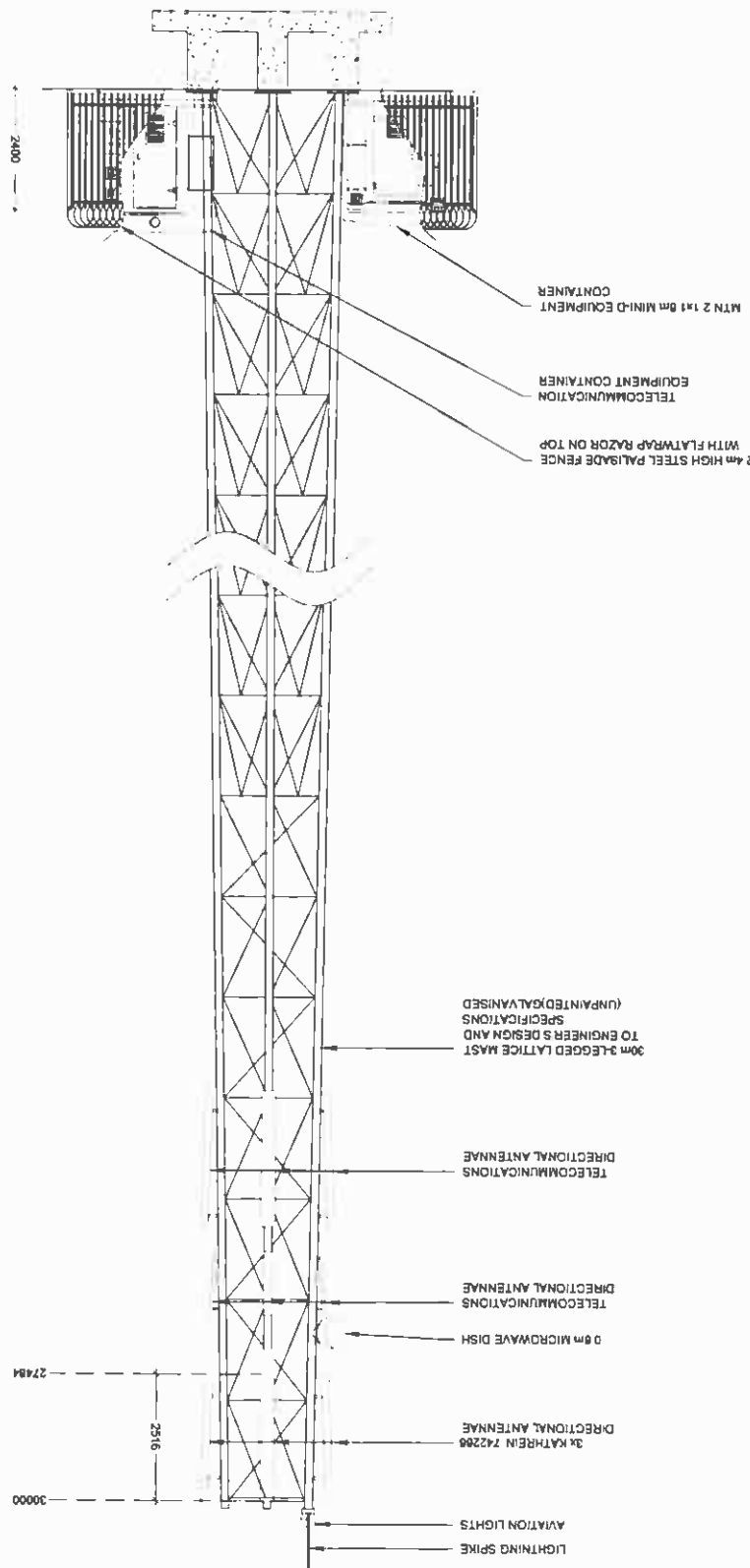
DRAWN: MELISSA YOUNG  
DATE: 25/11/2011  
SCALE: 1:75

REF NO: 812/T9467  
SITE DETAIL  
SHEET 7 OF 9



**MTN ANTENNAE KEY**

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH. TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	K742 266	27.4			7/8"	± 32
2	120°	K742 266	27.4			7/8"	± 32
3	240°	K742 266	27.4			7/8"	± 32



1207 Pinesdale Street  
 Boks-B. Huiswinkel Complex  
 Huiswinkel CBD  
 Tel: +27 (0) 21 542 2900  
 Fax: +27 (0) 21 542 8708  
 P.O. Box 20097  
 Huiswinkel  
 6124

**SITE NAME**  
 SYFERFONTEIN

**BASE STATION NUMBER**  
 T9467

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

**NOTES**  
 OWNER: VOORSTOFTELPTY LTD

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION  
 PORTION 20 (REMAINING EXTENT)  
 OF THE FARM TWEEDRAAI 138 IS

**COORDINATES**  
 LAT: 28° 28' 06.36" S  
 LONG: 29° 12' 25.19" E

**PROJECT**  
 NEW 90m TELECOMMUNICATION BASESTATION  
 WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

**ADDRESS**  
 OFF M17 NEAR TRICHARDT  
 MPUMALANGA



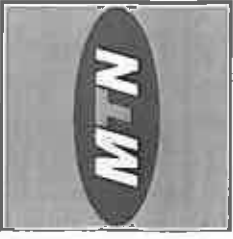
414 Roubic Road  
 014  
 Tel: +27 (0) 804 12548  
 Fax: +27 (0) 804 7072  
 Email: info@ipsinfra.com

**PROJECT NUMBER**  
 152862  
 119373

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 BS SITE INFRASTRUCTURE SPECIFICATIONS (REV 01).  
 ISSUE 1 REVISION 0 NOVEMBER 2007.

**DRAWN** MELISSA YOUNG  
**DATE** 25/11/2011  
**SCALE** 1:100  
**REF NO** 81279467

**NORTH-WEST ELEVATION**  
**SHEET 8 OF 9**



1207 Pretorius Street  
 Mankwato Industrial Complex  
 Mankwato 07450  
 Tl. +27 (12) 342 2900  
 Fax +27 (12) 342 8708  
 National Skills Lev  
 Project Reg # 15  
 Botswana Pat

SITE NAME  
**SYFERFONTEIN**

BASE STATION NUMBER  
**T9467**

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

NOTES  
 OWNER: VOESTTUPEL PTY LTD

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION  
 PORTION 20 (REMAINING EXTENT)  
 OF THE FARM TWEEDRAAI 139 IS

COORDINATES  
 LAT 29 25 05.38 S  
 LONG 28 12 25 19 E

PROJECT  
 NEW 900m TELECOMMUNICATION BASESTATION  
 WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS  
 OFF N17 NEAR TRICHARDT  
 MPUMALANGA



**INFRASTRUCTURE  
 PLANNING  
 SERVICES**

414 Pacific Road  
 155002  
 Tl. +37 (12) 866 19048  
 Fax +37 (12) 866 0184  
 www.ipsplanning.co.za

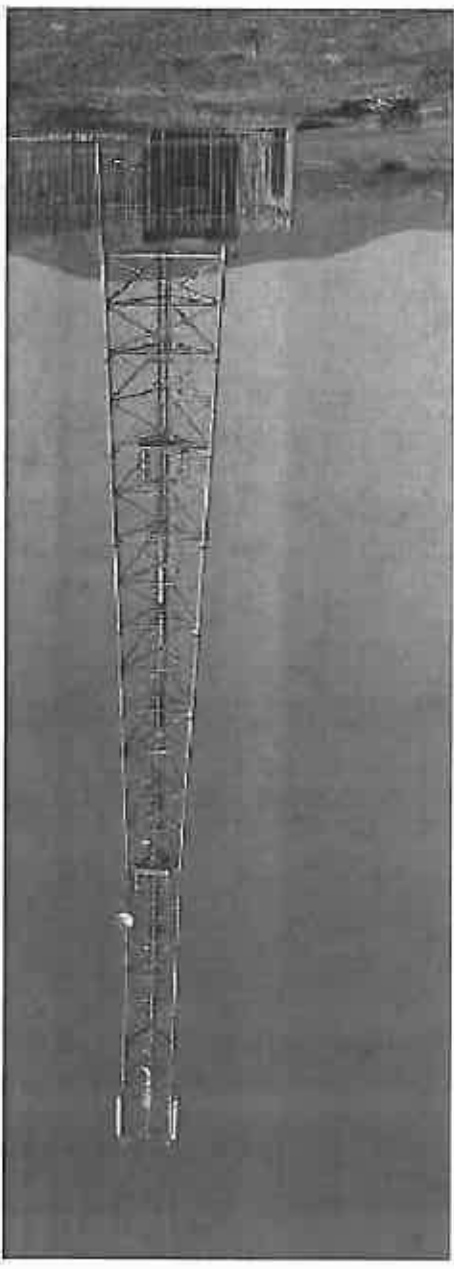
P.O. Box 20017  
 0154

PROJECT NUMBER  
 118373

DRAWN: MELISSA YOUNG  
 DATE: 25/11/2011  
 REF. NO: B1271967

FACILITY ILLUSTRATION  
 SHEET 9 OF 9

TYPICAL 3-LEGGED LATTICE MAST  
 (UNPAINTED) GALVANISED



Our Reference:  
T9467 / 17/2/3GS-67

Your Reference:

21 June 2012



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

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

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

**DEAR SIR/MADAM**

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 20 (REMAINING EXTENT) OF THE FARM TWEEDRAAI 139 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 20 ( Remaining Extent ) of the farm Tweedraai 139 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: Torblouse Solutions CC

## PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2/3GS-67

Regulation 546 activity 3 (a) & (b) : (b) ii (cc) Establishment of an enclosed telecommunication base station with a 30m mast for MTN (Pty) Ltd: **T9467 Syferfontein**

Location: Portion 20 (Remaining Extent) of the farm Tweedraai 139 IS

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

Alternative 1: Latitude: 26° 26' 05.36" S Longitude: 29° 12' 25.19" E  
Lattice type mast Galvanised

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

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

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

### Applicant:

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

### Environmental Assessment Practitioner (EAP):

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@torbiouseolutions.co.za

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

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

Notice publication date:

21 June 2012

## UHLELO LOKUHLANGANYELA KOMPHEKATHI

VERWYSINGSNOMMER: 17/2/3GS-67

Regulasie 546 aktiwiteit 3 (a) & (b) : (b) ii (cc) Konstruksie van 'n omheinende telekommunikasie-basisstasie vir MTN (Edms) Bpk met 'n 30m hoë mas: **T9467 Syferfontein**

Adres: Gedeelte 20 (Restant) van die Plaas Tweedraai 139 IS

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

Alternatief 1: Breedtegraad 26° 26' 05.36" S Lengtegraad 29° 12' 25.19" O  
Latwerk tipe mas Gegalvaniseerd

Hiermee word kennis gegee aan alle belanghebbendes van 'n publieke deelnameproses in terme van die Omgewingsimpakassesseringregulasies 2010 (R543) soos gewysig en gepromulgeer in terme van die Wet op Nasionale Omgewingsbestuur 1998 (Wet nr. 107 van 1998) soos gewysig ("NEMA")

Basiese assesseringprosedures sal toegepas word in ooreenstemming met regulasie 543 en 'n aansoek is by die Mpumalanga Department of Economic Development, Environment and Tourism ingedien.

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

### Aansoeker:

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

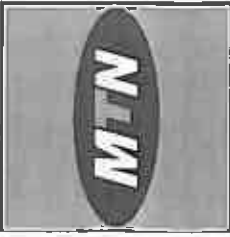
### Omgewing Assessering Praktisyn (OAP):

Torbiose Solutions BK.  
Aandag: W.A van't Foot  
Posbus 32017, Totiusdal, 0134  
Tel: (012) 804 1504/6, Faks: (012) 804 7072, e-pos: admin@torbiouseolutions.co.za

Addisionele inligting t.o.v. die voorgestelde aktiwiteit kan van die OAP verkry word.

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

Kennisgewingpublikasiedatum: 21 Junie 2012



1287 Pretoria Street  
 Block B, Midrand Centre  
 Midrand 2009  
 Tel: +27 (0) 342 2000  
 Fax: +27 (0) 342 8208  
 Project Status: L48  
 Project Name: R115  
 Issue No: 0134

**SITE NAME**  
 SYFERFONTEIN

**BASE STATION NUMBER**  
 T9467

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

**NOTES**  
 OWNER: VORSTOFFEL PTY LTD

**PROPERTY DESCRIPTION**  
 STRICTLY COMPANY CONFIDENTIAL  
 PORTION 20 (REMAINING EXTENT)  
 OF THE FARM TWEEDRAAI 139 IS

**COORDINATES**  
 LAT: 28° 20' 06.93" S  
 LONG: 28° 12' 23.18" E

**PROJECT**  
 NEW 900m TELECOMMUNICATION BASESTATION  
 WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

**ADDRESS**  
 OFF M17 NEAR TRICHARDT,  
 MPUMALANGA



414 Rennie Road  
 Sandton  
 2146  
 Tel: +27 (0) 800 19048  
 Fax: +27 (0) 210 21072  
 Email: info@ipsafrica.co.za

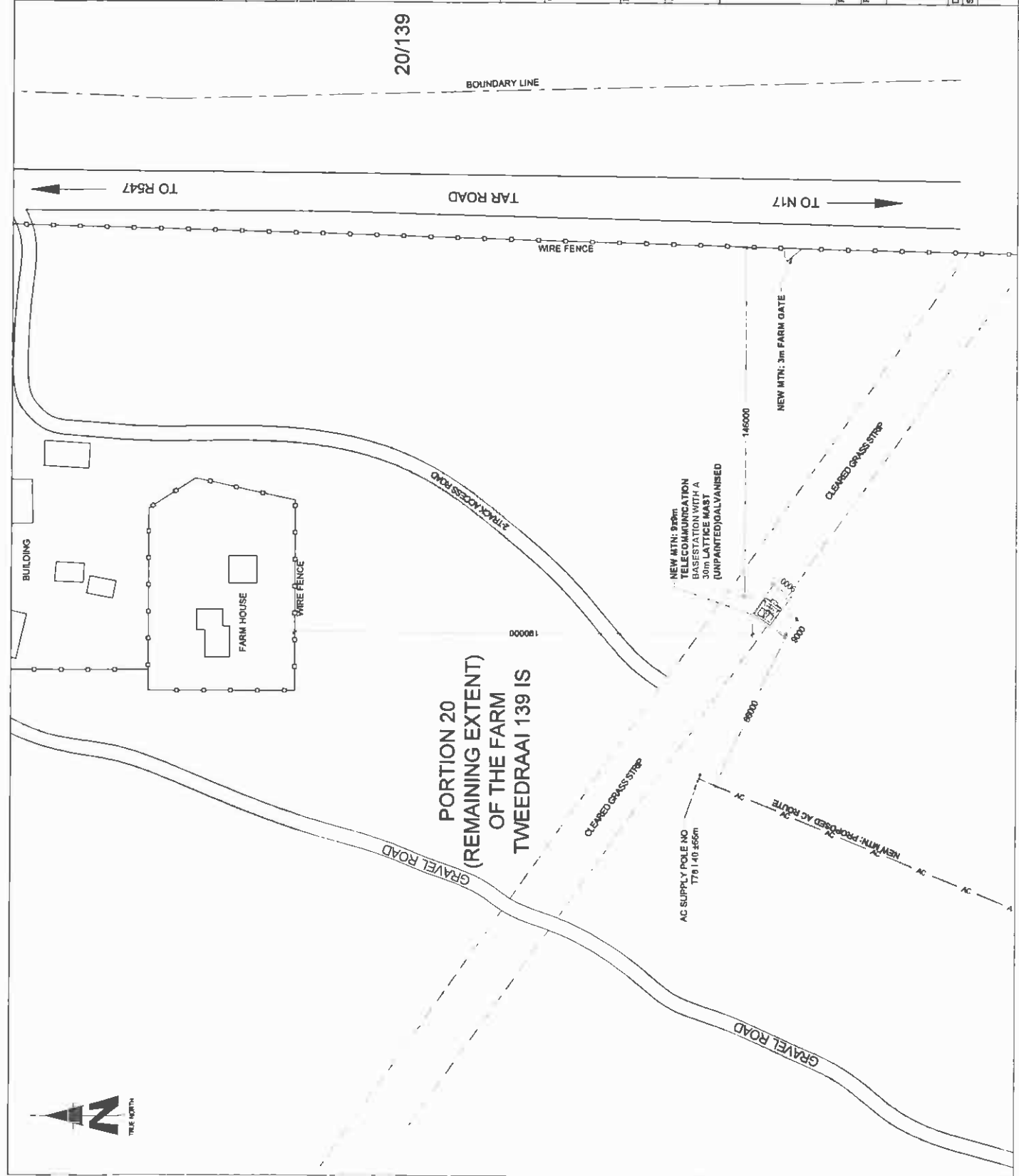
**PROJECT NUMBER**  
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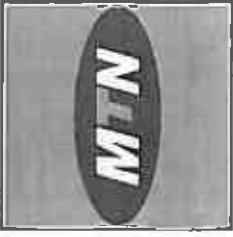
**SCALE**  
 1:1000

**DATE**  
 25/11/2011

**REF NO**  
 812/79467

**SITE DEVELOPMENT PLAN**  
 SHEET 3 OF 9





1287 Phoenix Street  
 Block B, Highlands Campus  
 Rosebank, 2195  
 Tel: +27 (12) 542 2800  
 Fax: +27 (12) 542 8708  
 Postal Code: 196  
 Private Bag 3115  
 Sandton, 2008

SITE NAME: SYFERFONTEIN

BASE STATION NUMBER: T9467

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

NOTES:

OMNIA VOBIS TOFFEL PTY LTD

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION: PORTION 20 (REMAINING EXTENT) OF THE FARM TWEEDEKRAAL 139 IS

COORDINATES:  
 LAT: 28° 20' 06.30" S  
 LONG: 28° 12' 23.10" E

PROJECT: NEW 900m TELECOMMUNICATION BASESTATION WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS: OFF N17 NEAR TRICHARD MPUMALANGA



INFRASTRUCTURE PLANNING SERVICES

414 Pacific Road  
 Rosebank, 2195  
 Tel: +27 (12) 604 19048  
 Fax: +27 (12) 604 19049  
 Email: info@ips.co.za  
 F.O. Box 20017  
 Sandton, 2008  
 0124

RFQ NO: 152002

PROJECT NUMBER: 118375

DRAWN: MELISSA YOUNG

DATE: 25/11/2011

SCALE: NTS

REF NO: 01275467

ALL WORK TO BE PERFORMED IN ACCORDANCE WITH THE SITE INFRASTRUCTURE SPECIFICATION (M01/1001) ISSUE 1 REVISION 6 NOVEMBER 2007

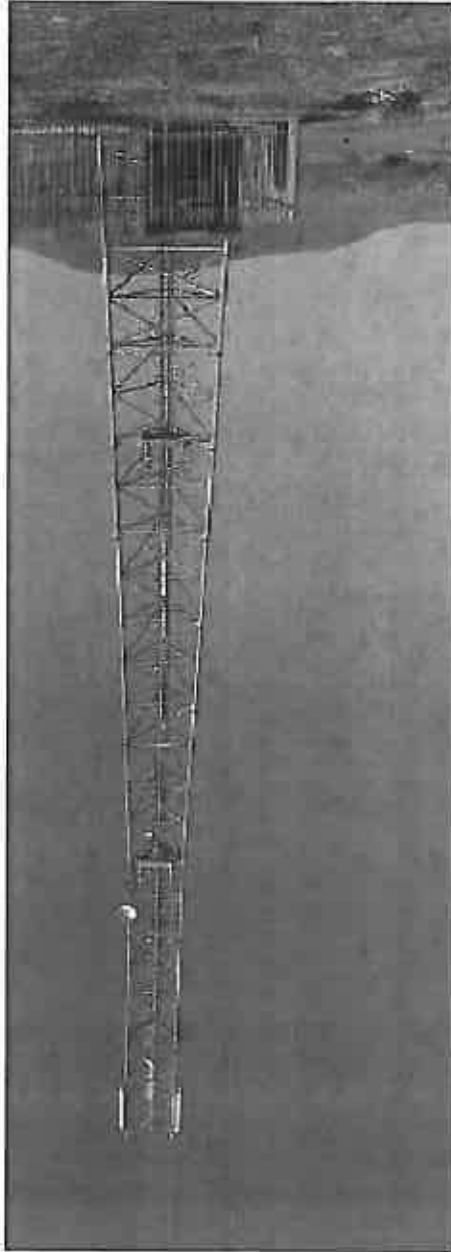
DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.

ALL WORK TO BE PERFORMED IN ACCORDANCE WITH THE SITE INFRASTRUCTURE SPECIFICATION (M01/1001) ISSUE 1 REVISION 6 NOVEMBER 2007

FACILITY ILLUSTRATION

SHEET 9 OF 9

TYPICAL 3-LEGGED LATTICE MAST (UNPAINTED) GALVANISED





Our Reference:  
T9467 / 17/2/3GS-67

Your Reference:

21 June 2012



Mpumalanga Tourism and Parks Agency  
Private Bag x11338  
Nelspruit  
1200

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

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

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

**DEAR SIR/MADAM**

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 20 (REMAINING EXTENT )OF THE FARM TWEEDRAAI 139 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 20 ( Remaining Extent ) of the farm Tweedraai 139 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: 17/2/3GS-67

Regulation 546 activity 3 (a) & (b) : (b) ii (cc) Establishment of an enclosed telecommunication base station with a 30m mast for MTN (Pty) Ltd: T9467 Syferfontein

Location: Portion 20 (Remaining Extent) of the farm Tweedraai 139 IS

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

Alternative 1: Latitude: 26° 26' 05.36" S Longitude: 29° 12' 25.19" E  
Lattice type: GCS / UTM

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

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

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

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

**Environmental Assessment Practitioner (EAP):**  
Torbouse 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@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:

21 June 2012

## UHLELO LOKUHLANGANYELA KOMPHEKATHI

VERWYSINGSNOMMER: 17/2/3GS-67

Regulasie 546 aktiwiteit 3 (a) & (b) : (b) ii (cc) Konstruksie van 'n omheinde telekommunikasie-basisstasie vir MTN (Edms) Bpk met 'n 30m hoë mas: T9467 Syferfontein

Adres: Gedeelte 20 (Restant) van die Plaas Tweedraai 139 IS

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

Alternatief 1: Breedtegraad 26° 26' 05.36" S Lengtegraad 29° 12' 25.19" O  
Latwerk tipe mas Gegalvaniseerd

Hiermee word kennis gegee aan alle belanghebbendes van 'n publieke deelnameproses in terme van die Omgewingsimpakassesseringregulasies 2010 (R543) soos gewysig en gepromulgeer in terme van die Wet op Nasionale Omgewingsbestuur 1998 (Wet nr. 107 van 1998) soos gewysig ("NEMA").

Basiese assesseringprosedures sal toegepas word in ooreenstemming met regulasie 543 en 'n aansoek is by die Mpumalanga Department of Economic Development, Environment and Tourism ingedien.

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

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

**Omgewing Assessering Praktisyn (OAP):**  
Torbouse Solutions BK.  
Aandag: W.A van't Foot  
Posbus 32017, Totiusdal, 0134  
Tel: (012) 804 1504/6; Faks: (012) 804 7072, e-pos: admin@torbousesolutions.co.za

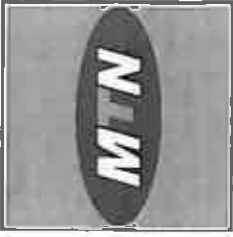
Addisionele inligting t.o.v. die voorgestelde aktiwiteit kan van die OAP verkry word.

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

Kennisgewingspublikasiedatum:

21 Junie 2012





1287 Pretoria Street  
 Block B, Hillside Campus  
 Hillside, 0053  
 Tel: +27 (0) 21 542 2900  
 Fax: +27 (0) 21 542 3008  
 P.O. Box 3017  
 Hillside  
 0154

SITE NAME  
**SYFERFONTEIN**

BASE STATION NUMBER  
**T9467**

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

NOTES  
 OWNER: VORSTOFFEL PTY LTD

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION  
 PORTION 20 (REMAINING EXTENT)  
 OF THE FARM TWEDDRAAI 139 IS

COORDINATES  
 LAT: 28° 20' 06.36" S  
 LONG: 29° 12' 23.19" E

PROJECT  
 NEW 30m TELECOMMUNICATION BASESTATION  
 WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS  
 OFF M17 NEAR TRICHARDT  
 MPUJALANGA



414 Phiso Road  
 Phiso, 0154  
 Tel: +27 (0) 804 15048  
 Fax: +27 (0) 804 15072  
 P.O. Box 3017  
 Hillside  
 0154

PROJECT NUMBER  
 11873

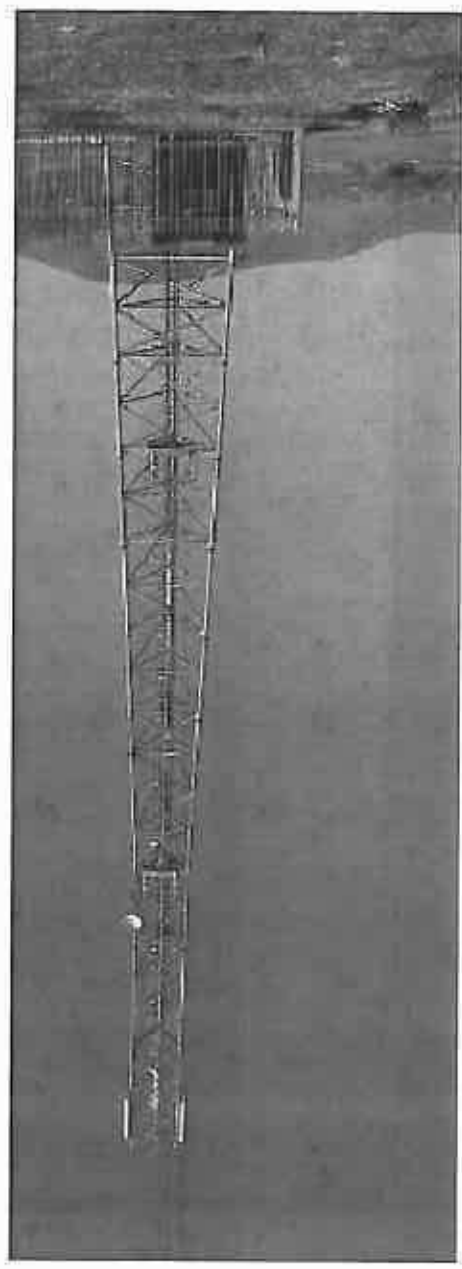
DRAWING MUST NOT BE SCALED. ONLY DIMENSIONS TO BE  
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT  
 OF WORK.

ALL WORK TO BE PERFORMED ACCORDING TO MTN'S SITE  
 INFRASTRUCTURE SPECIFICATION (MOUNTING)  
 ISSUE 3 REVISION 0 NOVEMBER 2007

DRAWN: MELISSA YOUNG  
 DATE: 25/11/2011  
 SCALE: NTS  
 REF. NO: 01279467

FACILITY ILLUSTRATION  
 SHEET 9 OF 9

TYPICAL 3-LEGGED LATTICE MAST  
 (UNPAINTED) GALVANISED



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



Post Office

Full tracking and tracing/Volledige volg en spoor

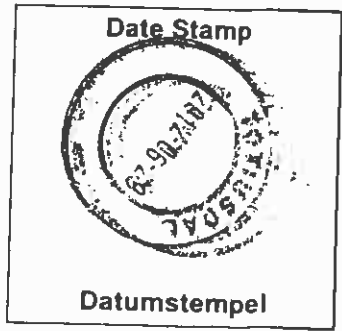
Name and address of sender: TORBLOUSE SOLUTIONS  
 Naam en adres van afsender: TORBLOUSE SOLUTIONS  
 TEL. 012 804 1504/6  
 BOX 32917 TOTIUSDAI 0134

T9467  
 Enquiries/Navrae  
 Toll-free number  
 Tovry nommer  
**0800 111 502**

No	Name and address of addressee Naam en adres van geadresseerde	Insured amount Versekerde bedrag	Insurance fee Versekeringsgeld	Postage Posgeld	Service fee Diensgeld	Affix Track and Trace customer copy Plak Volg-en-Spoor-kliëntafskrif	
1	Npumalinga Tourism & Parks Agency Private Bag x11338-Nelspruit 1200					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 748 020 649 ZA CUSTOMER COPY 301028R	
2	South-African Heritage Resource Agency PO Box 4637-Cape Town 8000					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 748 020 635 ZA CUSTOMER COPY 301028R	
3							
4							
5							
6							
7							
8							
9							
10							
Number of letters posted Getal briewe gepos		Total Totaal		R	R	R	R

Signature of client  
 Handtekening van kliënt *Guillian*

Signature of accepting officer  
 Hantekening 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 geregistreeerde briewe van toepassing.

Our Reference:  
T9467 / 17/2/3GS - 116

Your Reference:

21 June 2012

**Owner Portion 1 of the Farm Tweedraai 139 IS**  
Vosstoffel (Pty) Ltd  
P O Box 378  
Bethal  
2310



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

Tel: (012) 804 1504 / 6

Fax: (012) 804 7072

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

**DEAR SIR/MADAM**

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (B) II (CC) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON REMAINING EXTENT OF PORTION 20 OF THE FARM TWEEDRAAI 139 IS.**

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environmental and Tourism to establish a telecommunication base station on Remaining Extent of the Farm Tweedraai 139 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

*P.P. [Signature]*  
**WA VAN'T FOORT**  
For: Torbious Solutions CC

## PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2/3GS-67

Regulation 546 activity 3 (a) & (b) : (b) ii (cc) Establishment of an enclosed telecommunication base station with a 30m mast for MTN (Pty) Ltd: **T9467 Syferfontein**

Location: Portion 20 (Remaining Extent) of the farm Tweedraai 139 IS

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

Alternative 1: Latitude: 26° 26' 05.36" S Longitude: 29° 12' 25.19" E  
Lattice type mast Galvanised

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

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

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

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

**Environmental Assessment Practitioner (EAP):**  
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@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:

**21 June 2012**

## UHLELO LOKUHLANGANYELA KOMPHEKATHI

VERWYSINGSNOMMER: 17/2/3GS-67

Regulasie 546 aktiwiteit 3 (a) & (b) : (b) ii (cc) Konstruksie van 'n omheinde telekommunikasie-basisstasie vir MTN (Edms) Bpk met 'n 30m hoë mas: **T9467 Syferfontein**

Adres: Gedeelte 20 (Restant) van die Plaas Tweedraai 139 IS

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

Alternatief 1: Breedtegraad 26° 26' 05.36" S Lengtegraad 29° 12' 25.19" O  
Latwerk tipe mas Gegalvaniseerd

Hiermee word kennis gegee aan alle belanghebbendes van 'n publieke deelnameproses in terme van die Omgewingsimpakassesseringregulasies 2010 (R543) soos gewysig en gepromulgeer in terme van die Wet op Nasionale Omgewingsbestuur 1998 (Wet nr. 107 van 1998) soos gewysig ("NEMA")

Basiese assesseringsprosedures sal toegepas word in ooreenstemming met regulasie 543 en 'n aansoek is by die Mpumalanga Department of Economic Development, Environment and Tourism ingedien.

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

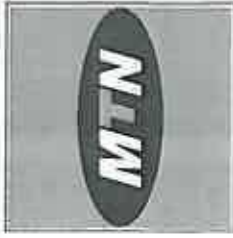
**Aansoeker:**  
MTN (Pty) Ltd  
P.O. Box 4559, Northcliff, 2115

**Omgewing Assessering Praktisyn (OAP):**  
Torbiose Solutions BK.  
Aandag: W.A van't Foot  
Posbus 32017, Totiusdal, 0134  
Tel: (012) 804 1504/6, Faks: (012) 804 7072, e-pos: admin@torbiousolutions.co.za

Addisionele inligting t.o.v. die voorgestelde aktiwiteit kan van die OAP verkry word.

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

Kennisgewingpublikasiedatum: **21 Junie 2012**



LUYI (Pty) Ltd  
 11th Floor, Sandton City  
 Sandton 2008  
 Tel: +27 (0) 21 540 2000  
 Fax: +27 (0) 21 540 2009  
 Private Suite 146  
 Protea Ridge #19  
 Midrand Park

SITE NAME  
**SYFERFONTEIN**

BASE STATION NUMBER  
**T9467**

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

NOTES  
 OWNER: VOORSTOFFEL PTY LTD

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION  
 PORTION 20 (REMAINING EXTENT)  
 OF THE FARM TWEEDRAAI 139 IS

COORDINATES  
 LAT 29° 28' 05.39" S  
 LONG 29° 12' 25.19" E

PROJECT  
 NEW 950m TELECOMMUNICATION BASESTATION  
 WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS  
 OFF M17 NEAR TRICHARDT  
 MPUMALANGA

INFRASTRUCTURE  
 PLANNING SERVICES

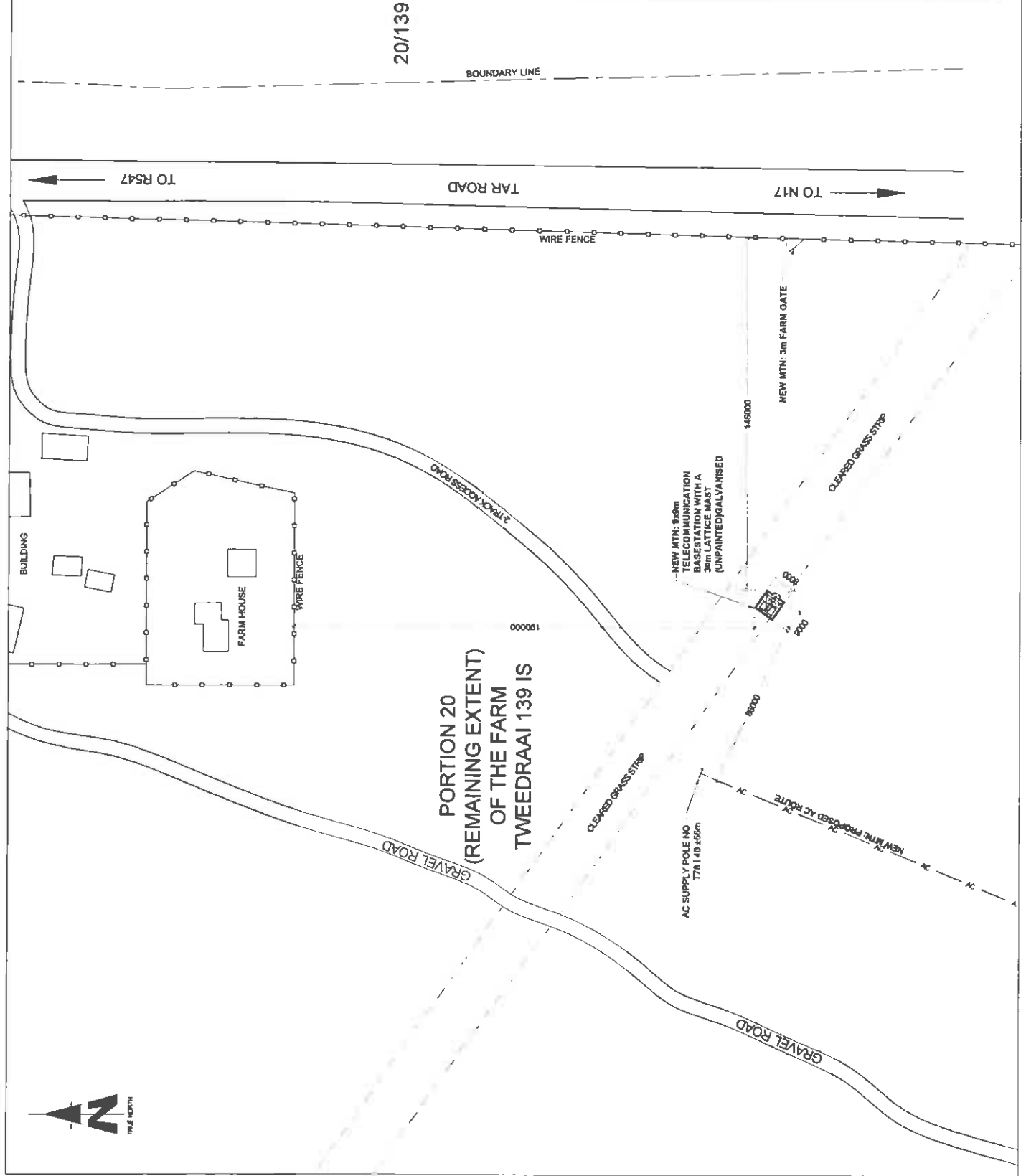
P.O. Box 20017  
 Johannesburg  
 2008  
 Tel: +27 (0) 21 694 19049  
 Fax: +27 (0) 21 694 1072  
 Email: info@ipsafrica.com

PROJECT NUMBER  
 152062  
 119373

DRAWINGS MUST NOT BE CALLED. ONLY SIGNED DIMENSIONS TO BE  
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT  
 OF WORK.  
 ALL WORK TO BE PERFORMED ACCORDING TO MTR ITS SITE  
 SPECIFICATIONS (MTR 001)  
 ISSUE 1 REVISED 8 NOVEMBER 2007

DRAWN: MELISSA YOUNG  
 DATE: 25/11/2011  
 SCALE: 1:1500  
 REF. NO: 812/T9467

SITE DEVELOPMENT PLAN  
 SHEET 3 OF 9







187 Pekaia Street  
 Level 8, Communications Complex  
 Auckland 1010  
 Tel: +27 (0) 21 542 2020  
 Fax: +27 (0) 21 542 2023  
 P.O. Box 3297  
 Pekaia Bldg 319  
 North Park

SITE NAME

**SYFERFONTEIN**

BASE STATION NUMBER

**T9467**

REV	DATE	BY	DESCRIPTION
A	2/11/2011	MY	FIRST ISSUE

NOTES  
 OWNER: VONSTOFFEL PTV LTD

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION  
 PORTION 20 (REMAINING EXTENT)  
 OF THE FARM TWEEDRAAM 138 IS

COORDINATES  
 LAT 29° 28' 05.36" S  
 LONG 29° 12' 25.19" E

PROJECT  
 NEW 90m TELECOMMUNICATION BASESTATION  
 WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS  
 OFF N17 NEAR TRICHARDT,  
 MPUMALANGA



414 Suidkruis Street  
 2nd Floor  
 Johannesburg  
 Tel: +27 (0) 21 684 1504/6  
 Fax: +27 (0) 21 684 3072  
 info@ip-services.co.za

PROJECT NUMBER

118273

DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE  
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT  
 OF WORKS.  
 ALL WORKS TO BE PERFORMED ACCORDING TO MTN 878 8175  
 SEPARATE STRUCTURE SPECIFICATION INCLUDING  
 ISSUE 1 (REVISION 8 NOVEMBER 2007)

DRAWN: MELISSA YOUNG

DATE: 25/11/2011

SCALE: NTS

REF. NO: 812/TS/467

FACILITY ILLUSTRATION  
 SHEET 8 OF 8



TYPICAL 3-LEGGED LATTICE MAST  
 (UNPAINTED) GALVANISED

Our Reference:  
T9467 / 17/2/3GS - 116

Your Reference:

21 June 2012

**Owner Portion 11 of the Farm Tweedraai 139 IS**  
Vosstoffel (Pty) Ltd  
P O Box 378  
Bethal  
2310



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

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

**DEAR SIR/MADAM**

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (B) II (CC) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON REMAINING EXTENT OF PORTION 20 OF THE FARM TWEEDRAAI 139 IS.**

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environmental and Tourism to establish a telecommunication base station on Remaining Extent of the Farm Tweedraai 139 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

*P.P. van't Foort*  
**WA VAN'T FOORT**  
For: Torblouse Solutions CC

## PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2/3GS-67

Regulation 546 activity 3 (a) & (b) : (b) ii (cc) Establishment of an enclosed telecommunication base station with a 30m mast for MTN (Pty) Ltd: **T9467 Syferfontein**

Location: Portion 20 (Remaining Extent) of the farm Tweedraai 139 IS

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

Alternative 1: Latitude: 26° 26' 05.36" S Longitude: 29° 12' 25.19" E  
Lattice type mast Galvanised

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

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

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

### Applicant:

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

### Environmental Assessment Practitioner (EAP):

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@torbiouseolutions.co.za

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

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

Notice publication date:

**21 June 2012**

## UHLELO LOKUHLANGANYELA KOMPHEKATHI

VERWYSINGSNOMMER: 17/2/3GS-67

Regulasie 546 aktiwiteit 3 (a) & (b) : (b) ii (cc) Konstruksie van 'n omheinde telekommunikasie-basisstasie vir MTN (Edms) Bpk met 'n 30m hoë mas: **T9467 Syferfontein**

Adres: Gedeelte 20 (Restant) van die Plaas Tweedraai 139 IS

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

Alternatief 1: Breedtegraad 26° 26' 05.36" S Lengtegraad 29° 12' 25.19" O  
Latwerk tipe mas Gegalvaniseerd

Hiermee word kennis gegee aan alle belanghebbendes van 'n publieke deelnameproses in terme van die Omgewingsimpakassesseringregulasies 2010 (R543) soos gewysig en gepromulgeer in terme van die Wet op Nasionale Omgewingsbestuur 1998 (Wet nr. 107 van 1998) soos gewysig ("NEMA")

Basiese assesseringprosedures sal toegepas word in ooreenstemming met regulasie 543 en 'n aansoek is by die Mpumalanga Department of Economic Development, Environment and Tourism ingedien.

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

### Aansoeker:

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

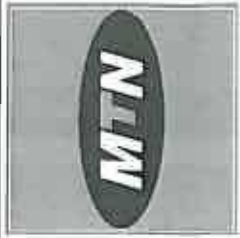
### Omgewing Assesering Praktisyn (OAP):

Torbiose Solutions BK.  
Aandag: W.A van't Foot  
Posbus 32017, Totiusdal, 0134  
Tel: (012) 804 1504/6, Faks: (012) 804 7072, e-pos: admin@torbiouseolutions.co.za

Addisionele inligting t.o.v. die voorgestelde aktiwiteit kan van die OAP verkry word.

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

Kennisgewingpublikasiedatum: **21 Junie 2012**



1287 Pretorius Street  
Block B, Yeoville Complex  
Harare, ZIMBABWE  
Tel: +27 (0) 11 242 2000  
Fax: +27 (0) 11 242 2000  
Registered Office: 148  
Private Bag 219  
Harare, Zimbabwe

SITE NAME  
**SYFERFONTEIN**

BASE STATION NUMBER  
**T9467**

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

NOTES  
OWNER: VOESTOPEL PTY LTD

STRICTLY COMPANY CONFIDENTIAL  
PROPERTY DESCRIPTION  
PORTION 20 (REMAINING EXTENT)  
OF THE FARM TWEEDRAAI 139 IS

COORDINATES  
LAT 29° 28' 05.36" S  
LONG 28° 12' 25.19" E

PROJECT  
NEW 900m TELECOMMUNICATION BASESTATION  
WITH A 30m LATTICE MAST FOR MTN (PTY)LTD

ADDRESS  
OFF 117 NEAR TRICHARDT  
MPUMALANGA



414 Pacific Prom  
Midrand  
Gauteng  
Tel: +27 (0) 11 242 19048  
Fax: +27 (0) 11 242 19072  
Email: info@ipsplanning.co.za

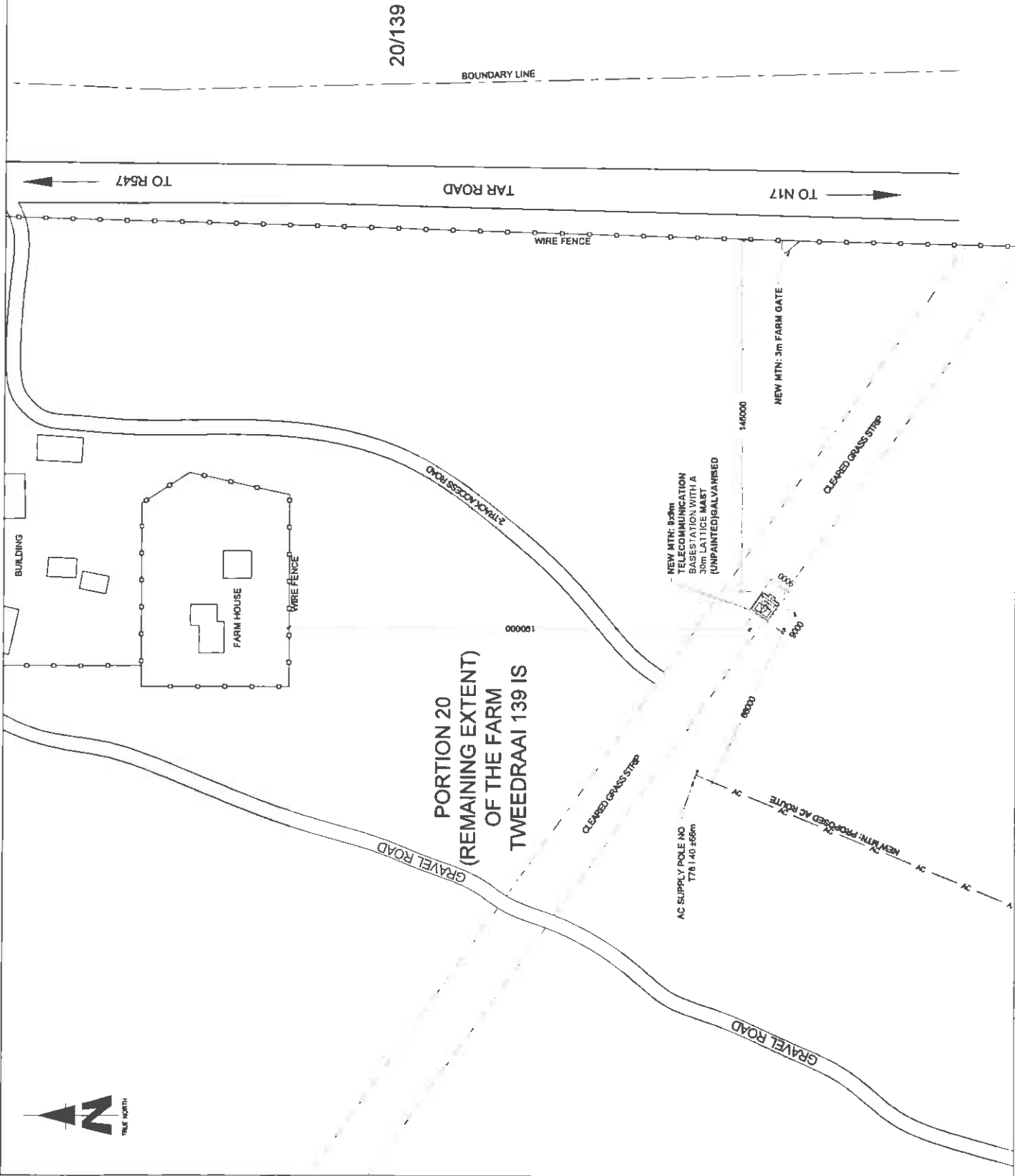
RFC NO  
152062

PROJECT NUMBER  
118373

DRAWINGS MUST NOT BE SCALED. ONLY REQUIRED 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 (ISSUE 1) AND THE ZIMBABWE ELECTRICAL  
REGULATIONS (ISSUE 1) PROVIDED 9 NOVEMBER 2007

DRAWN: MELISSA YOUNG DATE: 25/11/2011  
SCALE: 1:1000 REF. NO: 81278467

SITE DEVELOPMENT PLAN  
SHEET 3 OF 9





1287 Pretorius Street  
 Black & White Communications  
 1287 Pretorius Street  
 Midrand, 1685  
 1287 Pretorius Street  
 Midrand, 1685  
 Tel: +27 (0)21 543 2000  
 Fax: +27 (0)21 543 2000  
 P.O. Box 32077  
 Midrand, 1685

**SYFERFONTEIN**  
**T9467**

REV	DATE	BY	DESCRIPTION
A	21/11/2011	JMY	FIRST ISSUE

NOTES  
 OWNER: VOSEFOPEL PTY LTD

STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION  
 PORTION 20 (REMAINING EXTENT)  
 OF THE FARMS TWEEDEPAAI 138 IS

COORDINATES  
 LAT 28° 28' 04.30" S  
 LONG 28° 12' 23.19" E

PROJECT  
 NEW FIBRE TELECOMMUNICATION INFRASTRUCTURE  
 WITH A 3-LEGGED MAST FOR MTN (PTY) LTD

ADDRESS  
 OFF M17 NEAR TRICHARDT,  
 MPMALANGA

**INFRASTRUCTURE**  
**PLANNING SERVICES**  
**IP**

414 Bantu Road  
 Boksburg  
 Johannesburg  
 Tel: +27 (0)21 004 150/98  
 Fax: +27 (0)21 004 1092  
 www.infrastructureip.co.za

P.O. Box 32077  
 Midrand, 1685

PROJECT NUMBER  
 119373

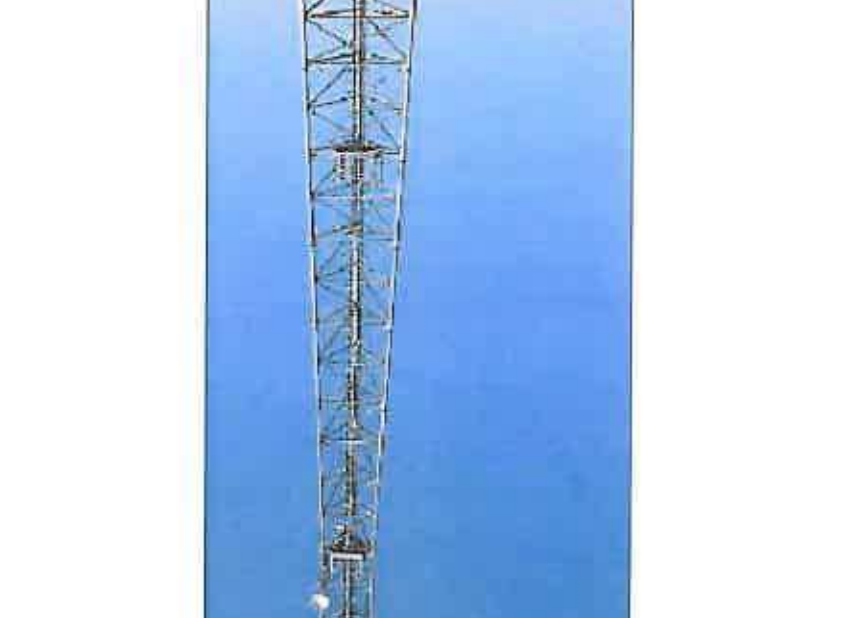
DRAWN: MELISSA YOUNG  
 DATE: 25/11/2011  
 REF. NO: 81279487

SCALE: NTS

FACILITY ILLUSTRATION  
 SHEET 9 OF 9

DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE  
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT  
 OF WORK. ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE  
 INFRASTRUCTURE SPECIFICATION (REV 1/001)  
 ISSUE 1 (REVISION 0 NOVEMBER 2007)

TYPICAL 3-LEGGED LATTICE MAST  
 (UNPAINTED) GALVANISED



Our Reference:  
T9467 / 17/2/3GS - 116

Your Reference:

21 June 2012

**Owner Remaining Extent of Farm Spandow 121 IS**  
Huyzers Trust  
P O Box 7932  
Bethal  
2310



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

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

e-mail: [admin@torbioussolutions.co.za](mailto:admin@torbioussolutions.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) : (B) II (CC) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON REMAINING EXTENT OF PORTION 20 OF THE FARM TWEEDRAAI 139 IS.**

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environmental and Tourism to establish a telecommunication base station on Remaining Extent of the Farm Tweedraai 139 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

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

## PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2/3GS-67

Regulation 546 activity 3 (a) & (b) : (b) ii (cc) Establishment of an enclosed telecommunication base station with a 30m mast for MTN (Pty) Ltd: T9467 Syferfontein

Location: Portion 20 (Remaining Extent) of the farm Tweedraai 139 IS

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

Alternative 1: Latitude: 26° 26' 05.36" S Longitude: 29° 12' 25.19" E  
Lattice type mast Galvanised

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").

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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):

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

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

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

Notice publication date:

21 June 2012

## UHLELO LOKUHLANGANYELA KOMPHEKATHI

VERWYSINGSNOMMER: 17/2/3GS-67

Regulasie 546 aktiwiteit 3 (a) & (b) : (b) ii (cc) Konstruksie van 'n omheinende telekommunikasie-basisstasie vir MTN (Edms) Bpk met 'n 30m hoë mas: T9467 Syferfontein

Adres: Gedeelte 20 (Restant) van die Plaas Tweedraai 139 IS

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

Alternatief 1: Breedtegraad 26° 26' 05.36" S Lengtegraad 29° 12' 25.19" O  
Latwerk tipe mas Gegalvaniseerd

Hiermee word kennis gegee aan alle belanghebbendes van 'n publieke deelnameproses in terme van die Omgewingsimpakasseringregulasies 2010 (R543) soos gewysig en gepromulgeer in terme van die Wet op Nasionale Omgewingsbestuur 1998 (Wet nr. 107 van 1998) soos gewysig ("NEMA")

Basiese assesseringsprosedures sal toegepas word in ooreenstemming met regulasie 543 en 'n aansoek is by die Mpumalanga Department of Economic Development, Environment and Tourism ingedien.

Die aansoeker wil teweens aansoek doen by die Mpumalanga Department of Economic Development, Environment and Tourism vir vrystelling in terme van regulasie 50(1) van die Omgewingsimpakasseringregulasie 2010 (R543) om alternatiewe te assesseer met betrekking tot die beplande aktiwiteit.

### Aansoeker:

MTN (Pty) Ltd

P.O. Box 4559, Northcliff, 2115

### Omgewing Assessering Praktisyn (OAP):

Torbiose Solutions BK.

Aandag: W.A van't Foot

Posbus 32017, Totiusdal, 0134

Tel: (012) 804 1504/6, Faks: (012) 804 7072, e-pos: admin@torbiosesolutions.co.za

Addisionele inligting t.o.v. die voorgestelde aktiwiteit kan van die OAP verkry word.

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

Kennisgewingpublikasiedatum: 21 Junie 2012







1207 Prudhara Street  
Block B, Woodside Chambers  
Woodside, 1033  
Sydney, NSW 1570  
Tel: +61 (0)2 942 2468  
Fax: +61 (0)2 942 2469  
www.mtn.com.au

Prepared By: JLB  
Checked By: JLB  
Approved By: JLB  
Date: 20/11/2011

**SYFERFONTEIN**

**BASE STATION NUMBER T9467**

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

NOTES  
OWNER: VOISSTOPPEL PTY LTD

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION  
PORTION 20 (REMAINING EXTENT)  
OF THE FARM TWEEDRAH 138 IS

COORDINATES  
LAT 28° 25' 05.36" S  
LONG 29° 12' 25.18" E

PROJECT  
NEW 900MHz TELECOMMUNICATION BASESTATION  
WITH A 30m LATTICE MAST FOR MTN (PT) LTD

ADDRESS  
OFF M17 NEAR TRICHARDT,  
MFMALANGA

414 Duane Road  
MFMALANGA  
NSW 2811  
Tel: +61 (0)2 942 15048  
Fax: +61 (0)2 942 15072  
admin@mtn.com.au

RFQ NO.  
152082

PROJECT NUMBER  
110373

DRAWN: MELISSA YOUNG DATE: 20/11/2011  
SCALE: NTS REF. NO: 81270487

DRAWINGS MUST NOT BE SCALED. ONLY PROVIDED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORKS.  
ALL WORKS TO BE PERFORMED ACCORDING TO MTN SITE INFRASTRUCTURE SPECIFICATION (03/11/01) ISSUE 1 REVISION 0 NOVEMBER 2007

SCALE NTS  
REF. NO: 81270487

FACILITY ILLUSTRATION  
SHEET 9 OF 9



414 Duane Road  
MFMALANGA  
NSW 2811  
Tel: +61 (0)2 942 15048  
Fax: +61 (0)2 942 15072  
admin@mtn.com.au

RFQ NO.  
152082

PROJECT NUMBER  
110373

DRAWN: MELISSA YOUNG DATE: 20/11/2011  
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ALL WORKS TO BE PERFORMED ACCORDING TO MTN SITE INFRASTRUCTURE SPECIFICATION (03/11/01) ISSUE 1 REVISION 0 NOVEMBER 2007

TYPICAL 3-LEGGED GALVANISED (UNPAINTED) LATTICE MAST



Our Reference:  
T9467 / 17/2/3GS - 116

Your Reference:

21 June 2012

**Owner Remaining Extent of the Farm**  
**Zwakfontein 120 IS**  
Sasol Mining (Pty) Ltd  
P O Box 5486  
Johannesburg  
2000



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

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

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

**DEAR SIR/MADAM**

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (B) II (CC) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON REMAINING EXTENT OF PORTION 20 OF THE FARM TWEEDRAAI 139 IS.**


We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environmental and Tourism to establish a telecommunication base station on Remaining Extent of the Farm Tweedraai 139 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: Torblouse Solutions CC

## PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2/3GS-67

Regulation 546 activity 3 (a) & (b) : (b) ii (cc) Establishment of an enclosed telecommunication base station with a 30m mast for MTN (Pty) Ltd: T9467 Syferfontein

Location: Portion 20 (Remaining Extent) of the farm Tweedraai 139 IS

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

Alternative 1: Latitude: 26° 26' 05.36" S Longitude: 29° 12' 25.19" E  
Lattice type mast Galvanised

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

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

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

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

**Environmental Assessment Practitioner (EAP):**  
Torbouse 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@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:

21 June 2012

## UHLELO LOKUHLANGANYELA KOMPHEKATHI

VERWYSINGSNOMMER: 17/2/3GS-67

Regulasie 546 aktiwiteit 3 (a) & (b) : (b) ii (cc) Konstruksie van 'n omheinde telekommunikasie-basisstasie vir MTN (Edms) Bpk met 'n 30m hoë mas: T9467 Syferfontein

Adres: Gedeelte 20 (Restant) van die Plaas Tweedraai 139 IS

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

Alternatief 1: Breedtegraad 26° 26' 05.36" S Lengtegraad 29° 12' 25.19" O  
Latwerk tipe mas Gegalvaniseerd

Hiermee word kennis gegee aan alle belanghebbendes van 'n publieke deelnameproses in terme van die Omgewingsimpakassesseringregulasies 2010 (R543) soos gewysig en gepromulgeer in terme van die Wet op Nasionale Omgewingsbestuur 1998 (Wet nr. 107 van 1998) soos gewysig ("NEMA")

Basiese assesseringsprosedures sal toegepas word in ooreenstemming met regulasie 543 en 'n aansoek is by die Mpumalanga Department of Economic Development, Environment and Tourism ingedien.

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

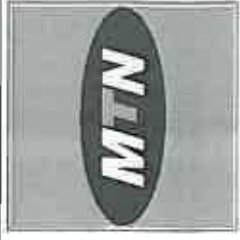
**Aansoeker:**  
MTN (Pty) Ltd  
P.O. Box 4559, Northcliff, 2115

**Omgewing Assessering Praktisyn (OAP):**  
Torbouse Solutions BK.  
Aandag: W.A van't Foot  
Posbus 32017, Totiusdal, 0134  
Tel: (012) 804 1504/6, Faks: (012) 804 7072, e-pos: admin@torbousesolutions.co.za

Addisionele inligting l.o.v. die voorgestelde aktiwiteit kan van die OAP verkry word.

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

Kennisgewingpublikasiedatum: 21 Junie 2012



1307 Protea Street  
 Block B, Helderberg Campus  
 Helderberg, 0283  
 Tel: +27 (0) 21 521 2000  
 Fax: +27 (0) 21 521 2000  
 Protea@mts.co.za  
 Helderberg

**SITE NAME**  
 SYFERFONTEIN

**BASE STATION NUMBER**  
 T9467

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

**NOTES**  
 OWNER: VORSTOFFEL PTY LTD

**PROPERTY DESCRIPTION**  
 STRICTLY COMPANY CONFIDENTIAL  
 PORTION 20 (REMAINING EXTENT)  
 OF THE FARM TWEEDRAAI 139 IS

**COORDINATES**  
 LAT 29° 26' 06.38" S  
 LONG 29° 12' 25.10" E

**PROJECT**  
 NEW 900MHz TELECOMMUNICATION BASESTATION  
 WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

**ADDRESS**  
 OFFIT NEAR TRICHARDT  
 RUFUNALANGA

**INFRASTRUCTURE PLANNING SERVICES**  
**IPS**

414 Rooda Road  
 2146 Helderberg  
 0154  
 Tel: +27 (0) 21 521 2049  
 Fax: +27 (0) 21 521 2073  
 info@ipsplanning.co.za

**RFQ NO**  
 152062

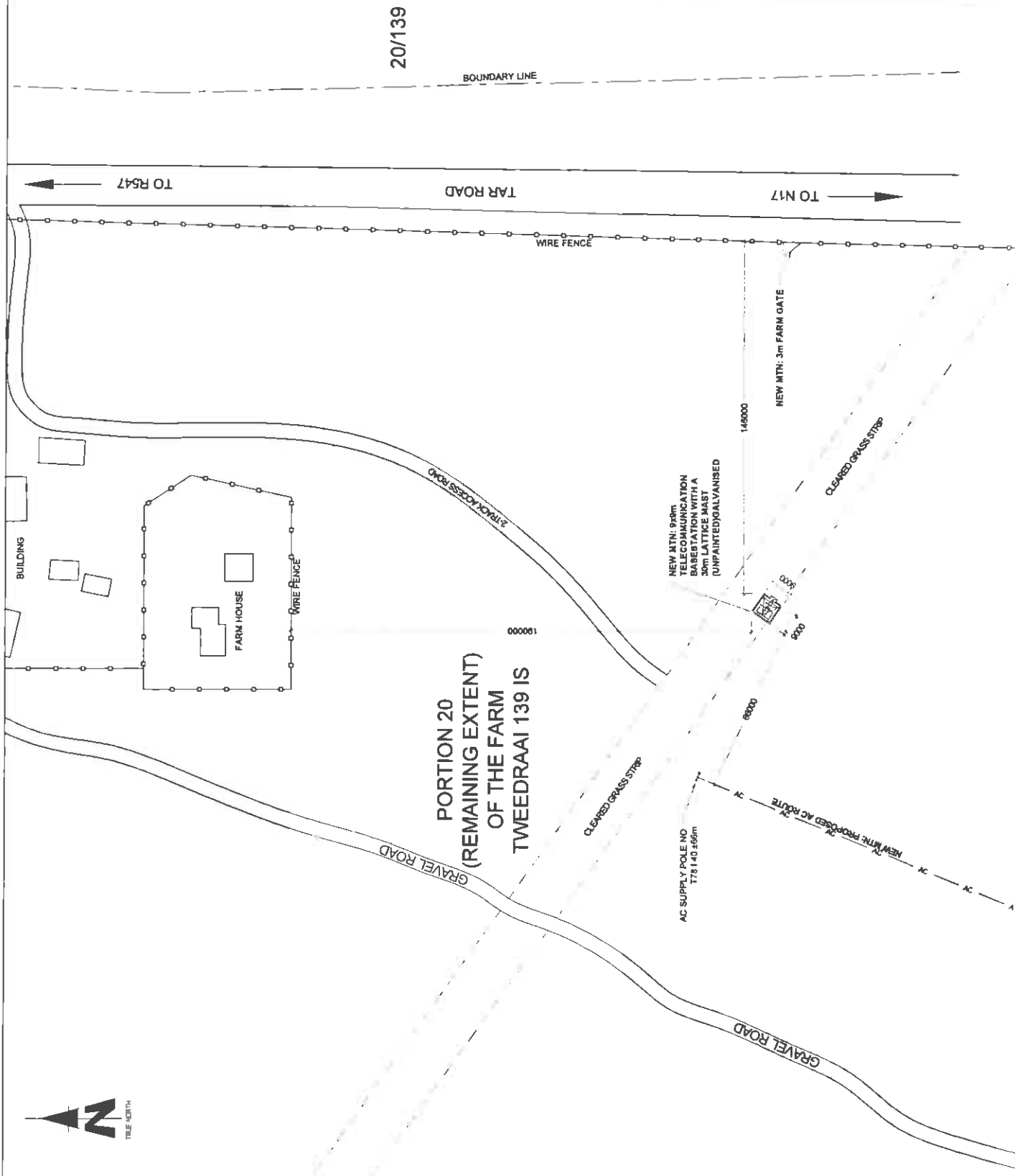
**PROJECT NUMBER**  
 118373

**SCALE**  
 1:1500

**DATE**  
 25/11/2011

**REF. NO**  
 812T9467

**SITE DEVELOPMENT PLAN**  
 SHEET 3 OF 9





1201 Pineside Street  
 Block 8, Numbank Campus  
 Numbank, VIC 3088  
 Tel: +61 (0)3 945 2338  
 Fax: +61 (0)3 945 2338  
 P.O. Box 32817  
 Melbourne VIC 3001

**SITE NAME**  
 SYFERFONTEIN

**BASE STATION NUMBER**  
 T9467

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

**NOTES**  
 OWNER: VONSTOFTEL PTY LTD

**PROPERTY DESCRIPTION**  
 STRICTLY COMPANY CONFIDENTIAL  
 PROPERTY DESCRIPTION  
 POSITION 20 (REMAINING EXTENT)  
 OF THE FARM TWEEEDROU 138 JS

**COORDINATES**  
 LAT 28° 29' 06.36" S  
 LONG 29° 12' 28.16" E

**PROJECT**  
 NEW 900M TELECOMMUNICATION BASESTATION  
 WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

**ADDRESS**  
 OFF MT NEAR TIRCHARDT,  
 MPUHALANGA

**INFRASTRUCTURE PLANNING SERVICES**

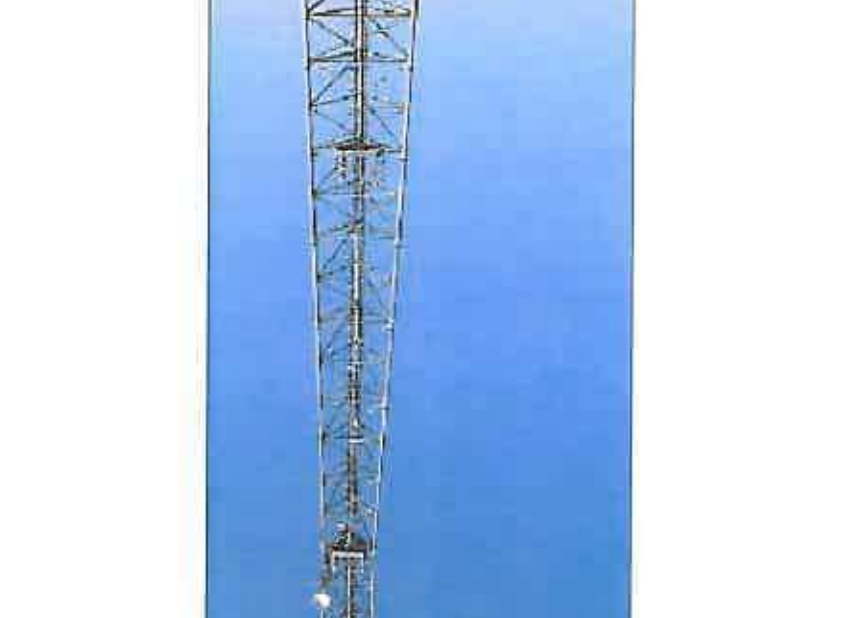
114 Ruddle Road  
 Johannesburg  
 Tel: +27 (0)21 864 150/48  
 Fax: +27 (0)21 864 1072  
 www.infrastructureplanning.co.za

**PROJECT NUMBER**  
 152062  
 119373

**SCALE: RTS**  
 DRAWN: MELUSSIA YOUNG  
 DATE: 25/11/2011  
 REF NO: #1279467

**FACILITY ILLUSTRATION**  
 SHEET 9 OF 9

TYPICAL 3-LEGGED LATTICE MAST  
 (UNPAINTED) GALVANISED



Our Reference:  
T9467 / 17/2/3GS - 116

Your Reference:

21 June 2012

**Owner Remaining Extent Portion 21 of  
the Farm Tweedraai 139 IS**  
Sasol Mining (Pty) Ltd  
P O Box 5486  
Johannesburg  
2000



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) : (B) II (CC) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON REMAINING EXTENT OF PORTION 20 OF THE FARM TWEEDRAAI 139 IS.**

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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: 17/2/3GS-67

Regulation 546 activity 3 (a) & (b) : (b) ii (cc) Establishment of an enclosed telecommunication base station with a 30m mast for MTN (Pty) Ltd: **T9467 Syferfontein**

Location: Portion 20 (Remaining Extent) of the farm Tweedraai 139 IS

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

Alternative 1: Latitude:26° 26' 05.36" S Longitude:29° 12' 25.19" E  
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### 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@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:

**21 June 2012**

## UHLELO LOKUHLANGANYELA KOMPHEKATHI

VERWYSINGSNOMMER: 17/2/3GS-67

Regulasie 546 aktiwiteit 3 (a) & (b) : (b) ii (cc) Konstruksie van 'n omheinende telekommunikasie-basisstasie vir MTN (Edms) Bpk met 'n 30m hoë mas: **T9467 Syferfontein**

Adres: Gedeelte 20 (Restant) van die Plaas Tweedraai 139 IS

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

Alternatief 1: Breedtegraad 26° 26' 05.36" S Lengtegraad 29° 12' 25.19" O  
Latwerk tipe mas Gegalvaniseerd

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### Aansoeker:

MTN (Pty) Ltd

P.O. Box 4559, Northcliff, 2115

### Omgewing Assessering Praktisyn (OAP):

Torbiose Solutions BK.

Aandag: W.A van't Foot

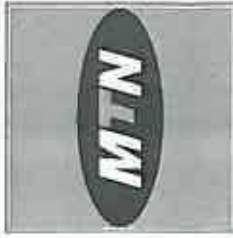
Posbus 32017, Totiusdal, 0134

Tel: (012) 804 1504/6; Faks: (012) 804 7072, e-pos: admin@torbiousolutions.co.za

Addisionele inligting l.o.v. die voorgestelde aktiwiteit kan van die OAP verkry word.

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Kennisgewingpublikasiedatum: **21 Junie 2012**



1287 Pretorius Street  
 Block B, Healdville Campus  
 Healdville, 0883  
 Tel: +27 (12) 342 2800  
 Fax: +27 (12) 342 8208  
 Project Scale 1:6  
 Printed Aug 2015  
 Healdville, 0883

**SITE NAME**  
 SYFERFONTEIN

**BASE STATION NUMBER**  
 T9467

REV	DATE	BY	DESCRIPTION
A	21/11/2011	MY	FIRST ISSUE

**NOTES**  
 OWNER: VOESTSTEEL PTY LTD

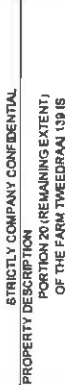
STRICTLY COMPANY CONFIDENTIAL  
 PORTION 20 (REMAINING EXTENT)  
 OF THE FARM TWEEDRAAI 139 IS

**COORDINATES**  
 LAT 29° 26' 05.36" S  
 LONG 29° 12' 25.10" E

**PROJECT**  
 NEW 949m TELECOMMUNICATION BASESTATION  
 WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

**ADDRESS**  
 OFF M17 NEAR TRICHARDT  
 NPUMALANGA

**INFRASTRUCTURE PLANNING SERVICES**



414 Bantu Road  
 Bhebeville  
 0184  
 Tel: +27 (12) 844 15048  
 Fax: +27 (12) 844 2072  
 www.ipsafrica.co.za

**RFQ NO**  
 152082

**PROJECT NUMBER**  
 118373

**SCALE**  
 1:500

**DATE**  
 25/11/2011

**REF NO**  
 B127B467

**DRAWN**  
 MELISSA YOUNG

**SCALE**  
 1:500

**SCALE**  
 1:500

**SCALE**  
 1:500

**SCALE**  
 1:500

**SCALE**  
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**SCALE**  
 1:500

**SCALE**  
 1:500

20/139

BOUNDARY LINE

TO RS47

TAR ROAD

TO M17

WIRE FENCE

NEW MTN 3m FARM GATE

NEW MTN: 949m TELECOMMUNICATION BASESTATION WITH A 30m LATTICE MAST (UNPAINTED) GALVANISED

CLEARED GRASS STRIP

PORTION 20 (REMAINING EXTENT) OF THE FARM TWEEDRAAI 139 IS

CLEARED GRASS STRIP

AC SUPPLY POLE NO T78 1.40.869m

NEW MTN: PROPOSED AC ROUTE

GRAVEL ROAD

GRAVEL ROAD

BUILDING

FARM HOUSE

WIRE FENCE

3 TRACK ACCESS ROAD







**G1(c) – SACAA Approval**

**SOUTH AFRICAN**



**CIVIL AVIATION  
AUTHORITY**

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

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

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

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

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

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

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

23 April 2007

Turbiose Solutions  
P O Box 32017  
Totiosdal  
0134

To: Mr Wim Anholts

Communication structure,

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

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

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

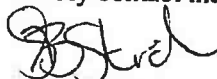
Intermediate lights shall be placed at a position midway between the top of the structure and the ground and shall consist of at least three steady burning red aeronautical obstruction lights of at least 32 candela each, on the same vertical plane and spaced not more than 120 degree horizontally. At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

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

*Note-.*

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

Kindly contact the writer if more information is required.



Lizell Stroh

**AERODROME SAFETY OVERSIGHT**

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



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

Our Reference:  
T9467 Syferfontein

Your Reference:  
17/2/3GS-67

13 September 2012

Mpumalanga Department of Economic Development,  
Environment and Tourism  
The Deputy Director  
Environmental Impact Management  
Gert Sibande District Office  
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Attention: **Bulelwa Shabalala**  
Tel: 017 811 3951/4830

Dear Madam,

**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 20 (REMAINING EXTENT) OF THE FARM TWEEDRAAI 139 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 20 (Remaining Extent) of the farm Tweedraai 139 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 30m high lattice telecommunication mast. The 30m 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. Due to the lower height mast at 30m, maximum mitigation on the visual impact could be implemented by the unpainted (galvanised) colour to provide maximum blending capability of the more transparent (lattice) mast structure against the sky background. Therefore, no other design or colour alternatives are considered to be feasible due to the maximum mitigation provided by mast type and colour on the most significant impact, *i.e.* visual impact.

**(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 to be placed underneath the Kathrein antennae by possible future share parties. MTN mini-D equipment container (with extension) to be placed on ground level under the mast. 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. 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 30m lattice mast unpainted (galvanised) 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: Torbiouse Solutions cc**

**Addendum A:  
Proof of submission to State Departments & I & AP's**

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2	Mr. N.T. De Vos P.O. Box 80 Evander Mpumalanga 2270					ORDINARY PARCEL PE 619 149 623 ZA A BOOK COPY	
3	The Ward Councillor Govan Mbeki Local Municipality Ward 15 Private Bag x 1017 Secunda 2302					ORDINARY PARCEL PE 619 149 610 ZA A BOOK COPY	
4	Mpumalanga Tourism & Parks Agency Private Bag x 11338 Nelspruit 1200					ORDINARY PARCEL PE 619 149 606 ZA A BOOK COPY	
5	The District Municipality Gert Sibande Environmental management Section P.O. Box 1748 Ermelo 2350					REGISTERED LETTER (with a domestic insurance option) RD 770 628 984 ZA A BOOK COPY	
6	South African Heritage Resources Agency P.O. Box 4637 Cape Town 8000						
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