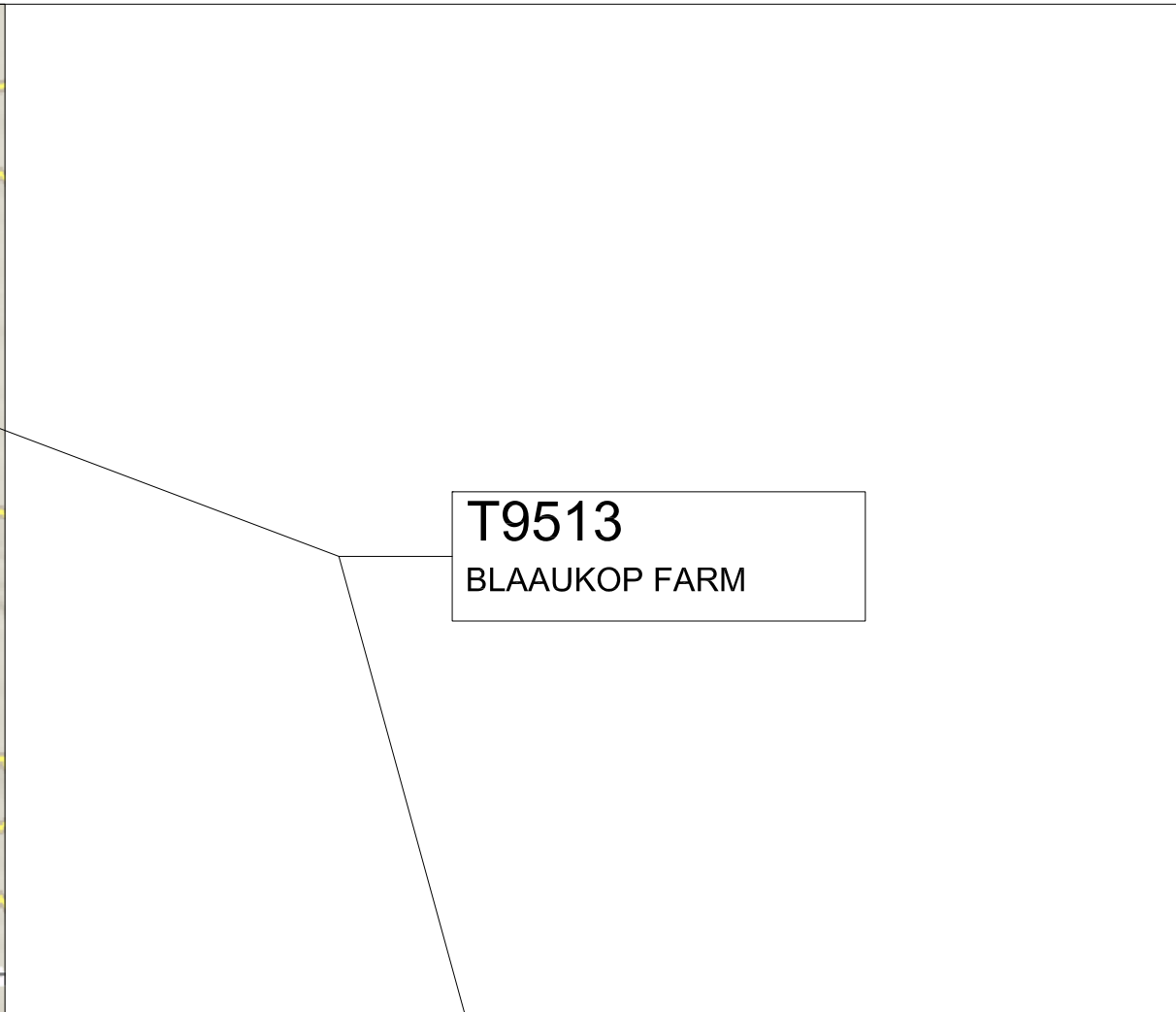
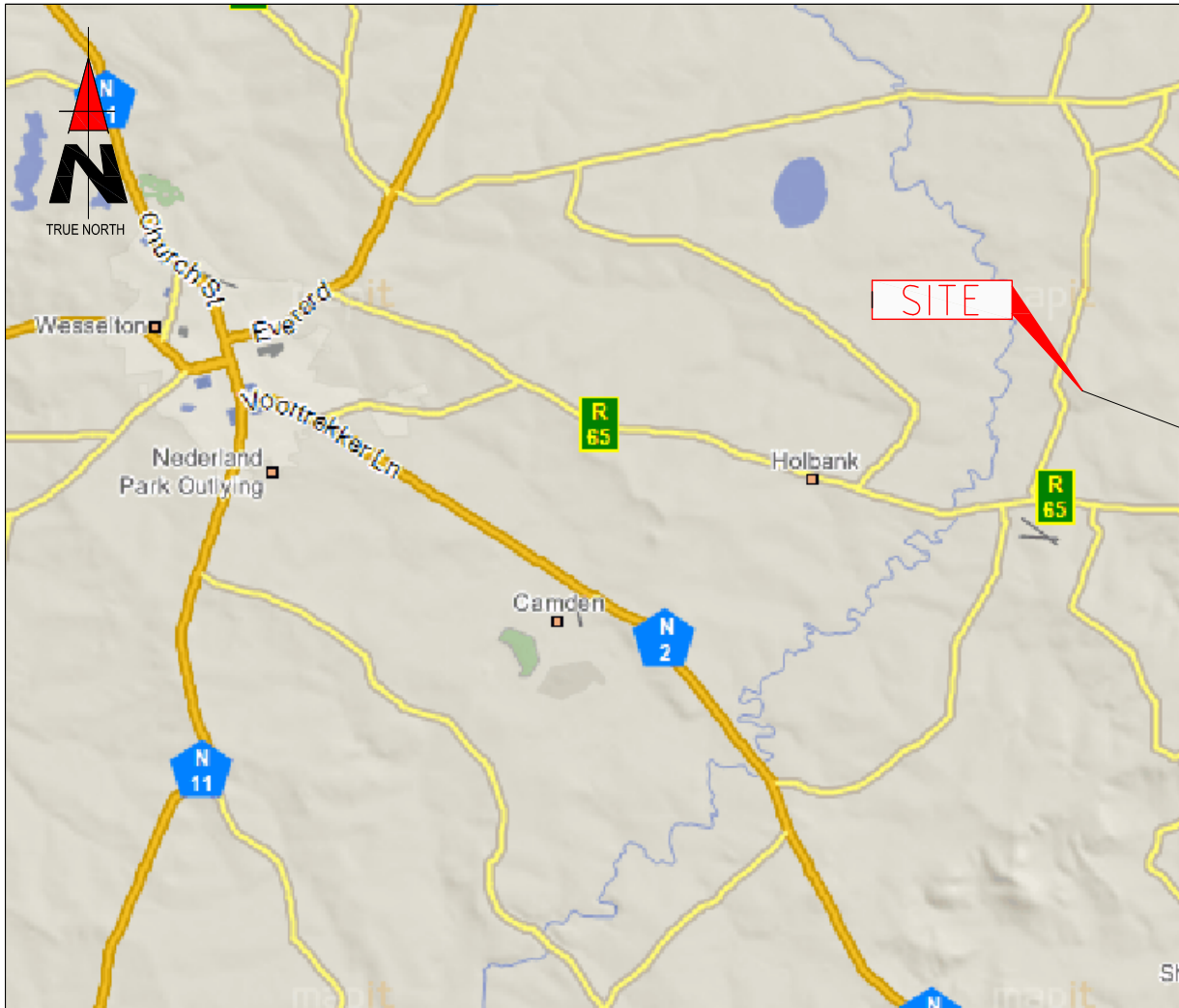


**Appendix A: Site Plans**



**T9513**  
BLAAUKOP FARM



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: **T9513**

BASE STATION NUMBER:  
**BLAAUKOP FARM**

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
OWNER: JACO GROBLER TRUST

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

COORDINATES:  
LAT: 26° 31' 55.00" S  
LONG: 30° 15' 17.90" E

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

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



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.:  
155087

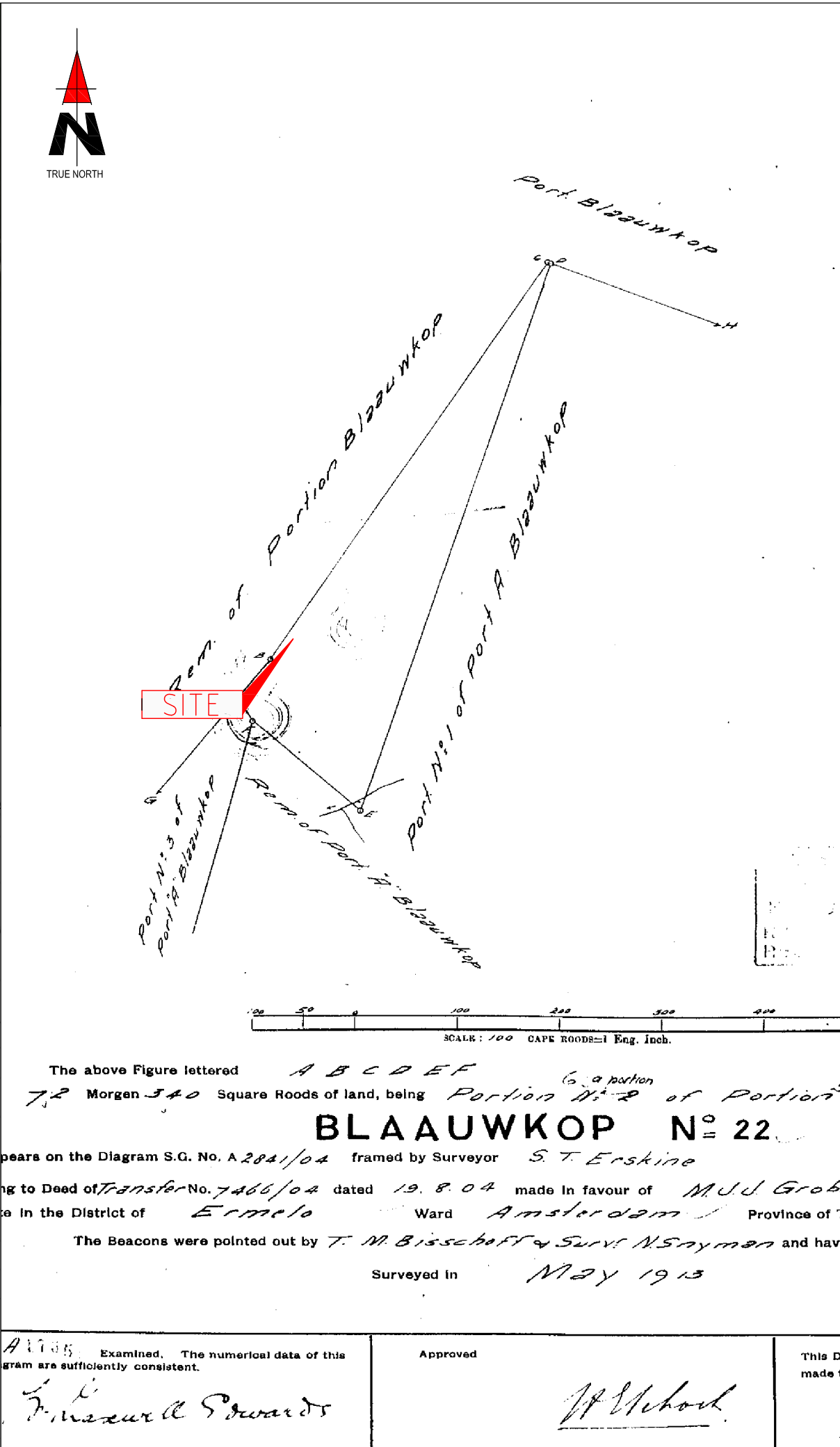
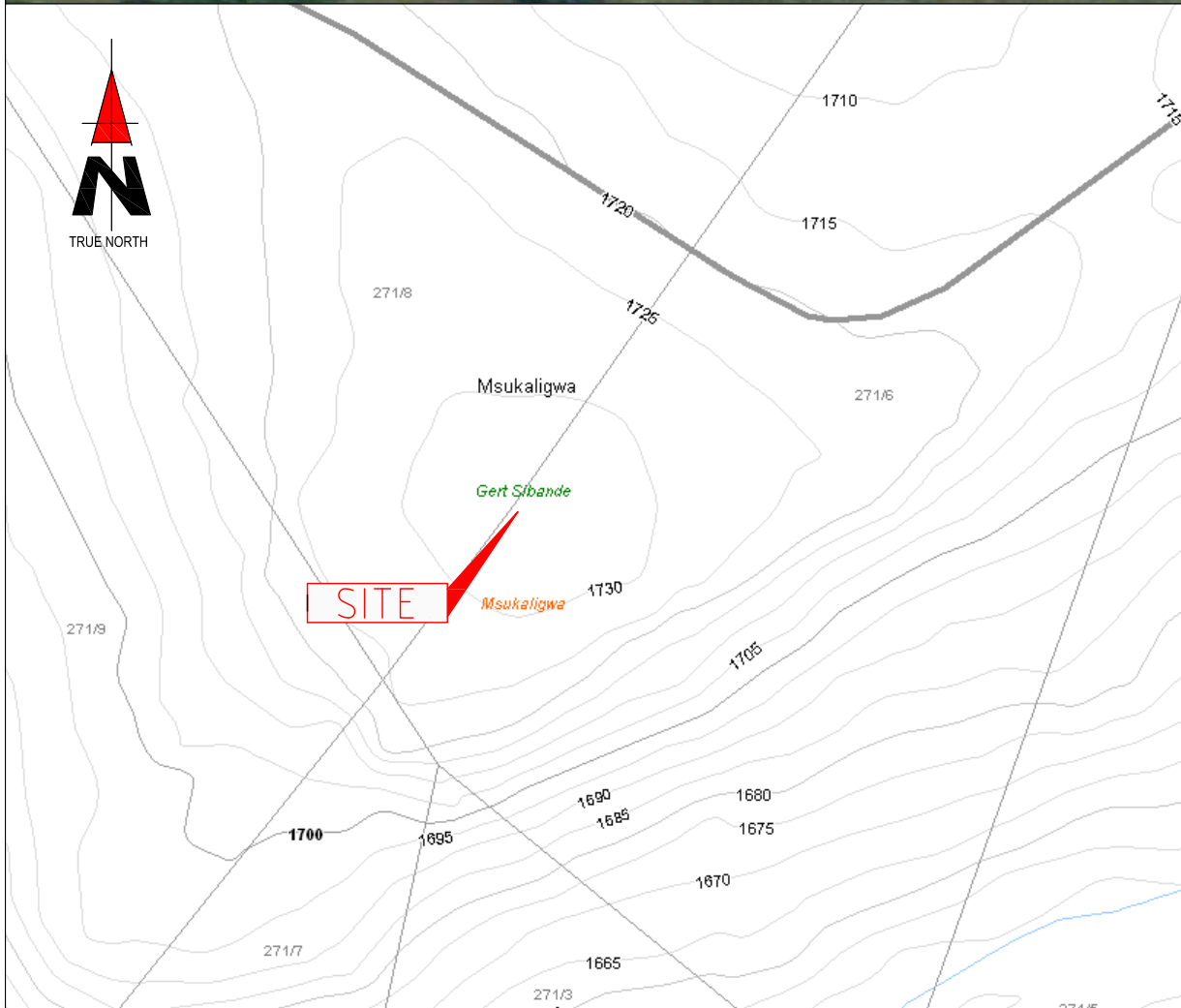
PROJECT NUMBER:  
120169

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: JAN MALAN  
SCALE: NTS  
DATE: 30/11/2011  
REF. NO: 812/T9513

LOCALITY MAP  
SHEET 1 OF 9





1267 Pretorius Street  
Block B, Hadevelds Complex  
Hatfield, 0083

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

Postnet Suite 146  
Private Bag X15  
Menlo Park

SITE NAME: **T9513**

BASE STATION NUMBER:  
**BLAAUKOP FARM**

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
OWNER: JACO GROBLER TRUST

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

COORDINATES:  
LAT: 26° 31' 55.00" S  
LONG: 30° 15' 17.90" E

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

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

**INFRASTRUCTURE PLANNING SERVICES**

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.:  
155087

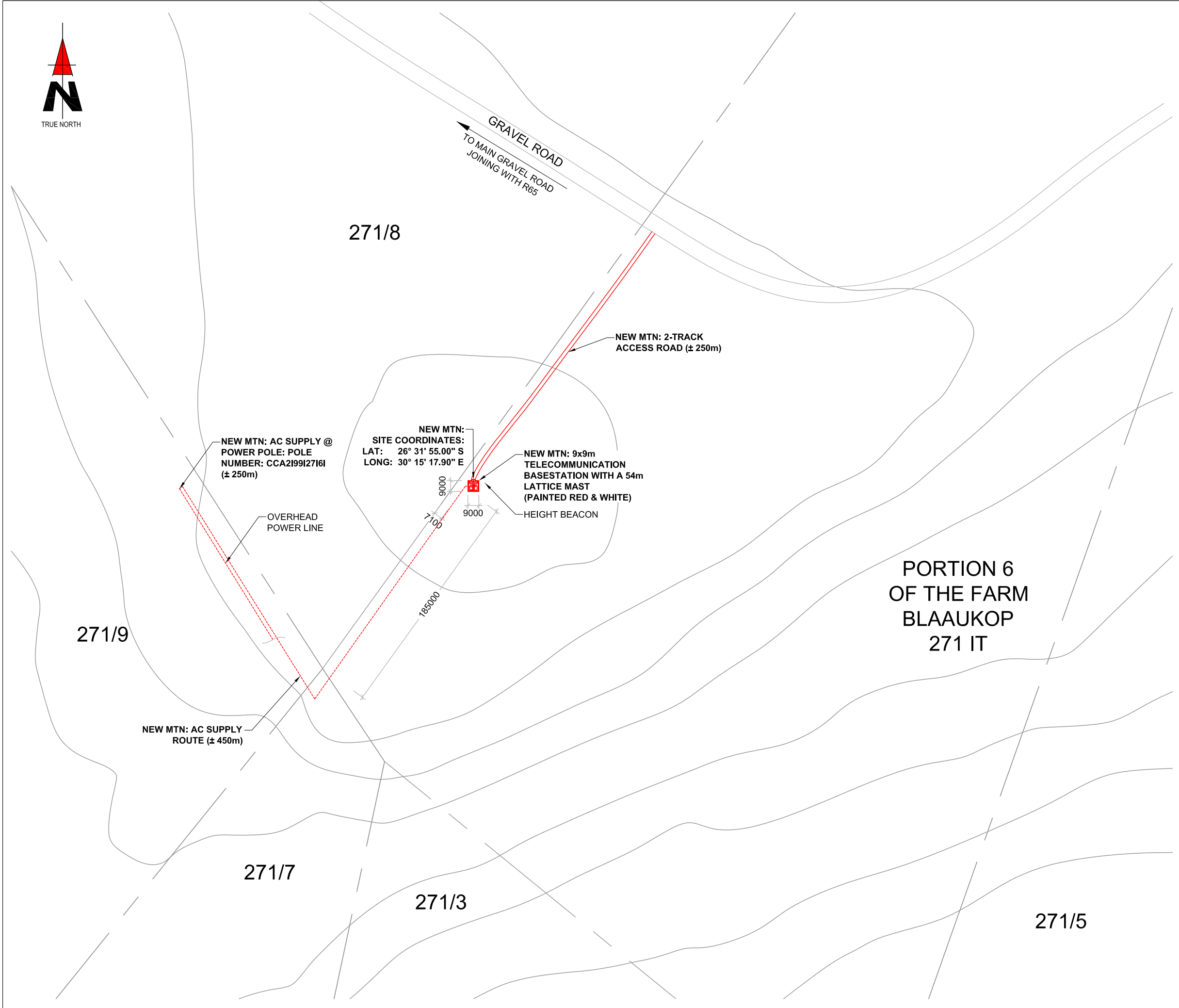
PROJECT NUMBER:  
120169

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: JAN MALAN  
SCALE: NTS

DATE: 30/11/2011  
REF. NO: 812/T9513

CADASTRAL INFO  
SHEET 2 OF 9



1267 Pretorius Street  
Block B, Hadevelds Complex  
Hatfield, 0083

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

Postnet Suite 146  
Private Bag X15  
Menlo Park

SITE NAME: **T9513**

BASE STATION NUMBER:  
**BLAAUKOP FARM**

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
OWNER: JACO GROBLER TRUST

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:  
PORTION 6 OF THE FARM BLAAUKOP 271 IT

COORDINATES:  
LAT: 26° 31' 55.00" S  
LONG: 30° 15' 17.90" E

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

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



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.:  
155087

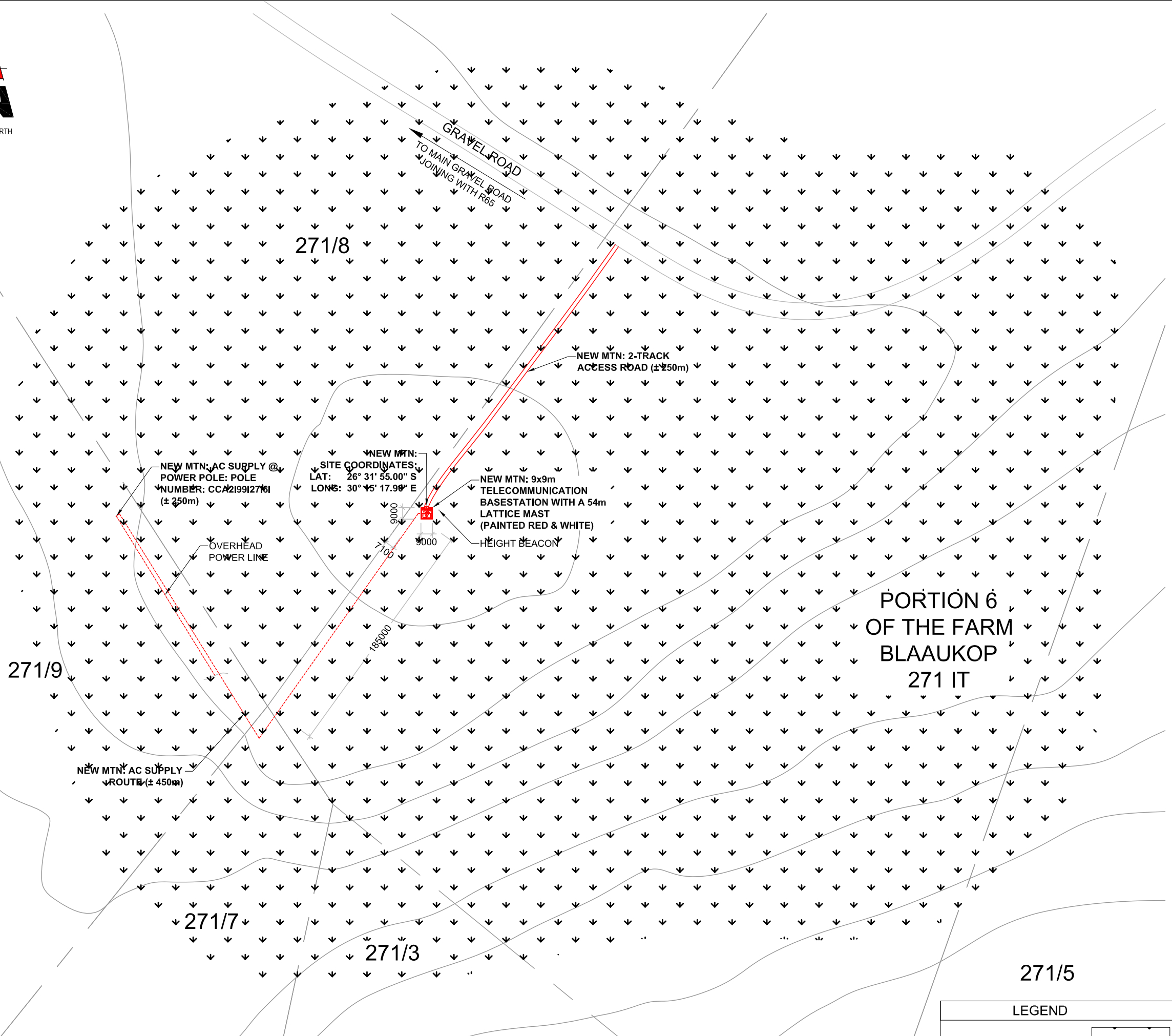
PROJECT NUMBER:  
120169

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: JAN MALAN  
SCALE: 1:3000

DATE: 30/11/2011  
REF. NO: 812/T9513

**SITE DEVELOPMENT PLAN  
SHEET 3 OF 9**



1267 Pretorius Street  
Block B, Hadevelds Complex  
Hatfield, 0083

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

Postnet Suite 146  
Private Bag X15  
Menlo Park

SITE NAME: **T9513**

BASE STATION NUMBER:  
**BLAAUKOP FARM**

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
OWNER: JACO GROBLER TRUST

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:  
PORTION 6 OF THE FARM BLAAUKOP 271 IT

COORDINATES:  
LAT: 26° 31' 55.00" S  
LONG: 30° 15' 17.90" E

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

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

INFRASTRUCTURE PLANNING SERVICES



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.:  
155087

PROJECT NUMBER:  
120169

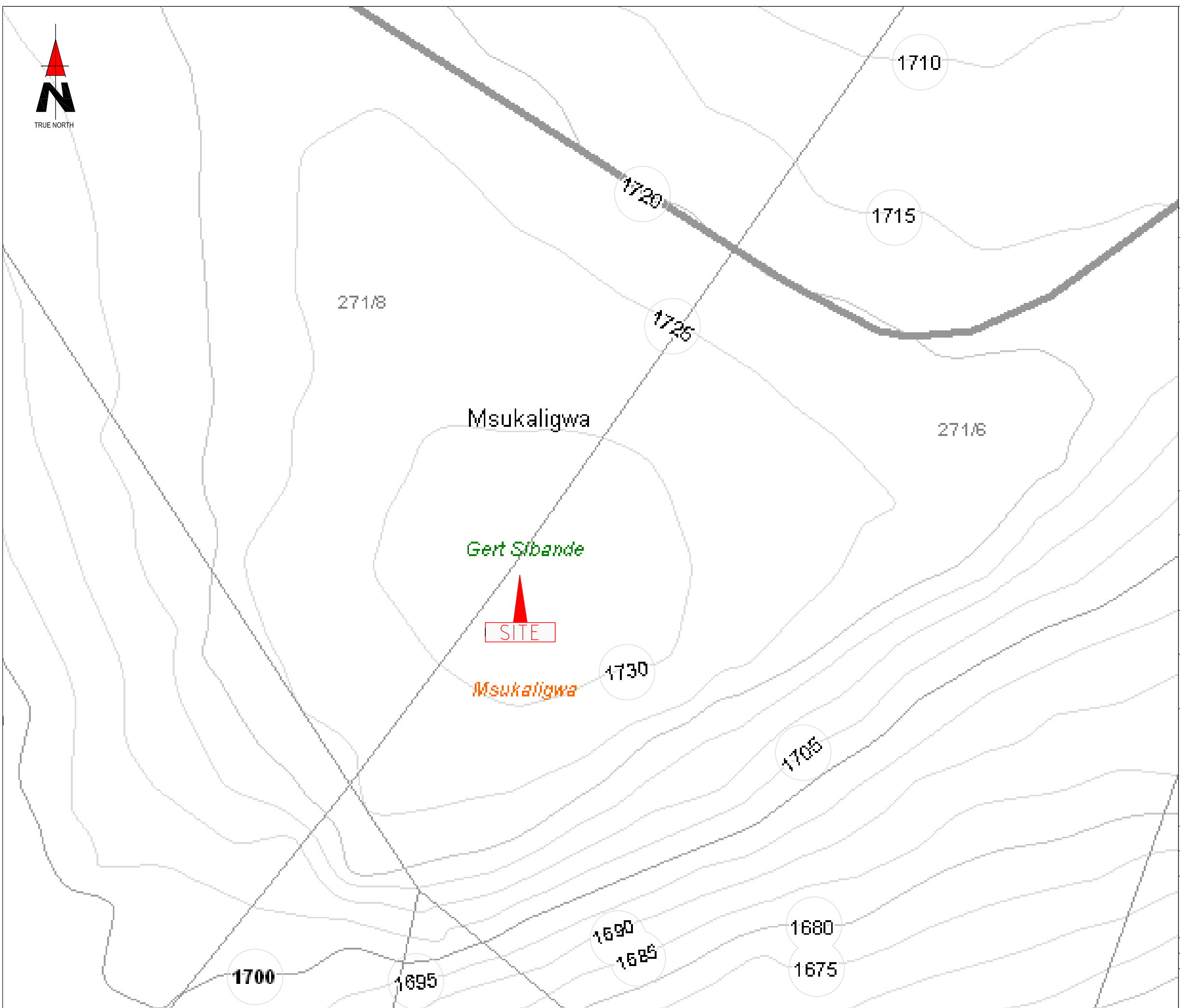
DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.  
ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION RI/01/1001 ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: JAN MALAN  
SCALE: 1:3000

DATE: 30/11/2011  
REF. NO: 812/T9513

LEGEND	
AGRICULTURAL	

CURRENT LAND USE  
SHEET 4 OF 9



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: **T9513**

BASE STATION NUMBER:  
**BLAAUKOP FARM**

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
OWNER: JACO GROBLER TRUST

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:  
PORTION 6 OF THE FARM BLAAUKOP 271 IT

COORDINATES:  
LAT: 26° 31' 55.00" S  
LONG: 30° 15' 17.90" E

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

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



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.:  
155087

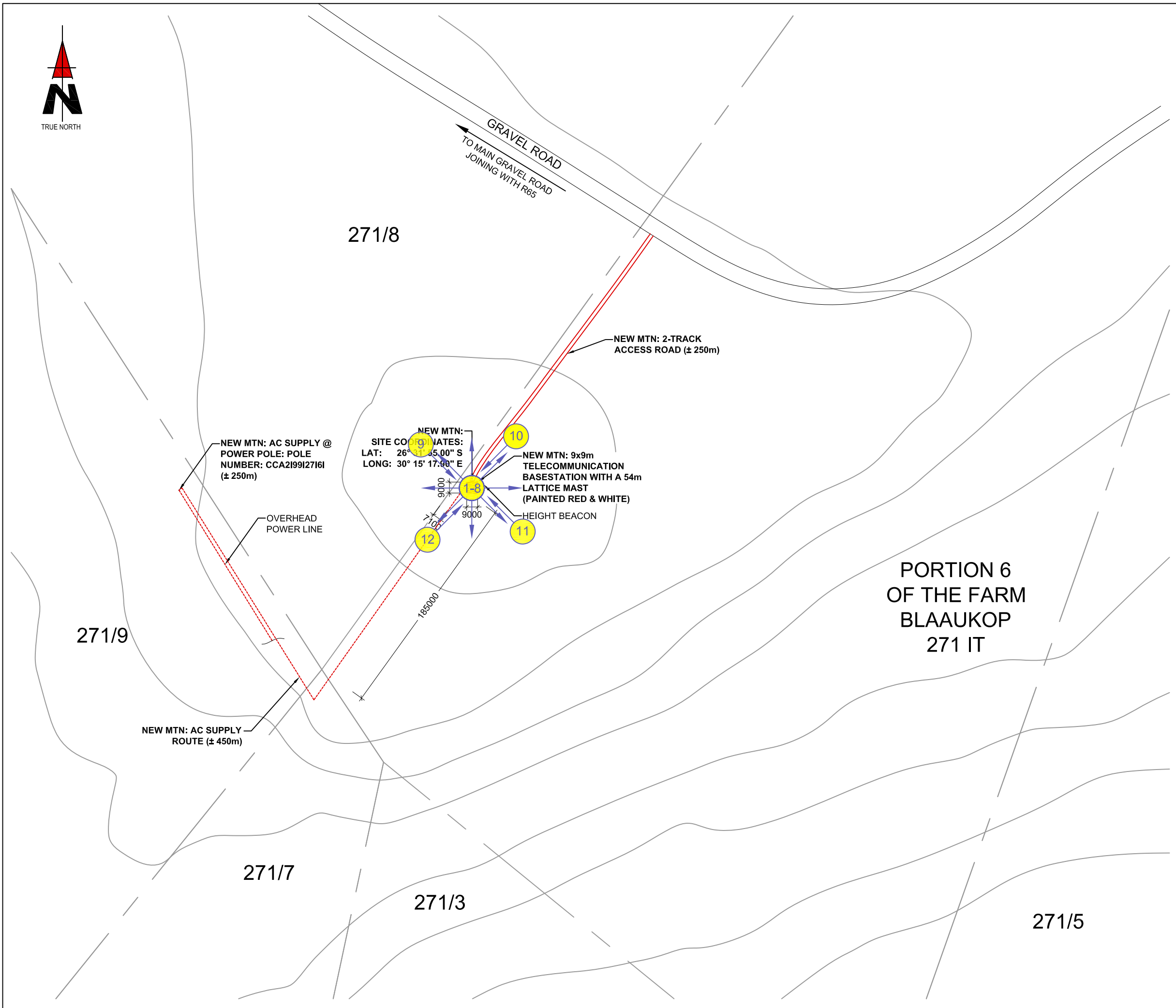
PROJECT NUMBER:  
120169

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: JAN MALAN      DATE: 30/11/2011  
SCALE: NTS      REF. NO: 812/T9513

CONTOUR INTERVAL SHEET  
5 OF 9

**Appendix B: Site Photographs**



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

SITE NAME: **T9513**

BASE STATION NUMBER:  
**BLAAUKOP FARM**

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
OWNER: JACO GROBLER TRUST

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:  
PORTION 6 OF THE FARM BLAAUKOP 271 IT

COORDINATES:  
LAT: 26° 31' 55.00" S  
LONG: 30° 15' 17.90" E

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

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

INFRASTRUCTURE PLANNING SERVICES



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.:  
155087

PROJECT NUMBER:  
120169

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: JAN MALAN  
SCALE: 1:3000  
DATE: 30/11/2011  
REF. NO: 812/T9513

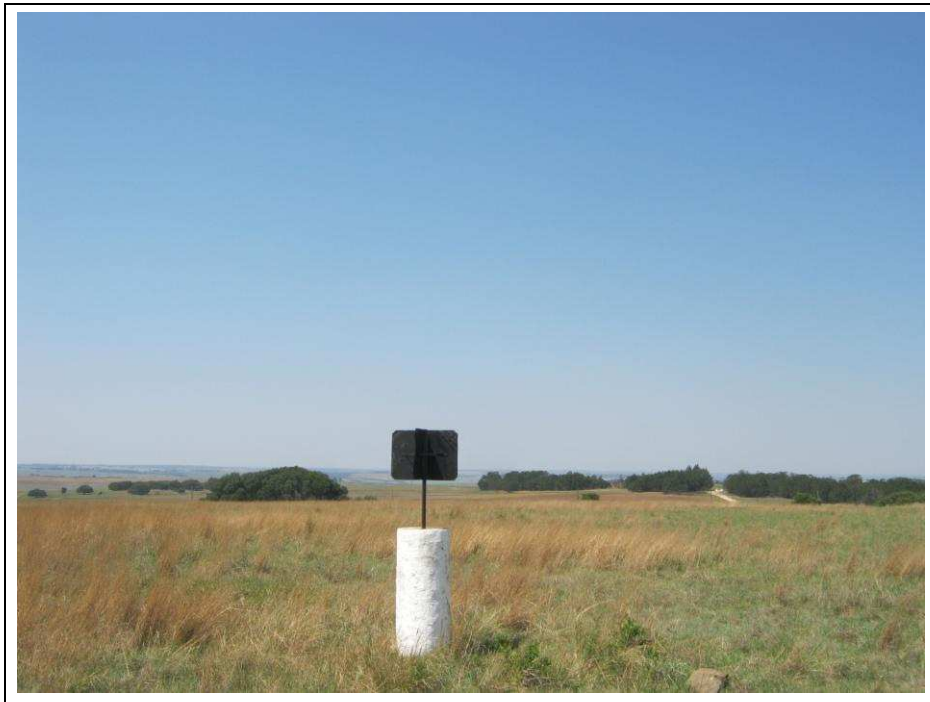
SITE PHOTOGRAPHS  
SHEET 6 OF 9



# SITE PHOTOGRAPHS



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



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

# SITE PHOTOGRAPHS



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



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

# SITE PHOTOGRAPHS



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



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

# SITE PHOTOGRAPHS



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



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

# SITE PHOTOGRAPHS



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



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

# SITE PHOTOGRAPHS



11. View on base station position direction South



12. View on base station position direction West

# SITE PHOTOGRAPHS



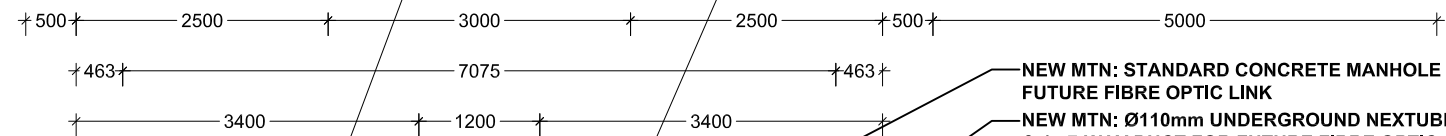
**13. General view on site establishment area**

## **Appendix C: Facility Illustrations**

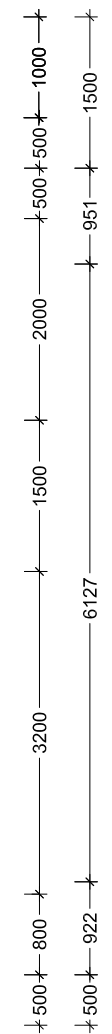
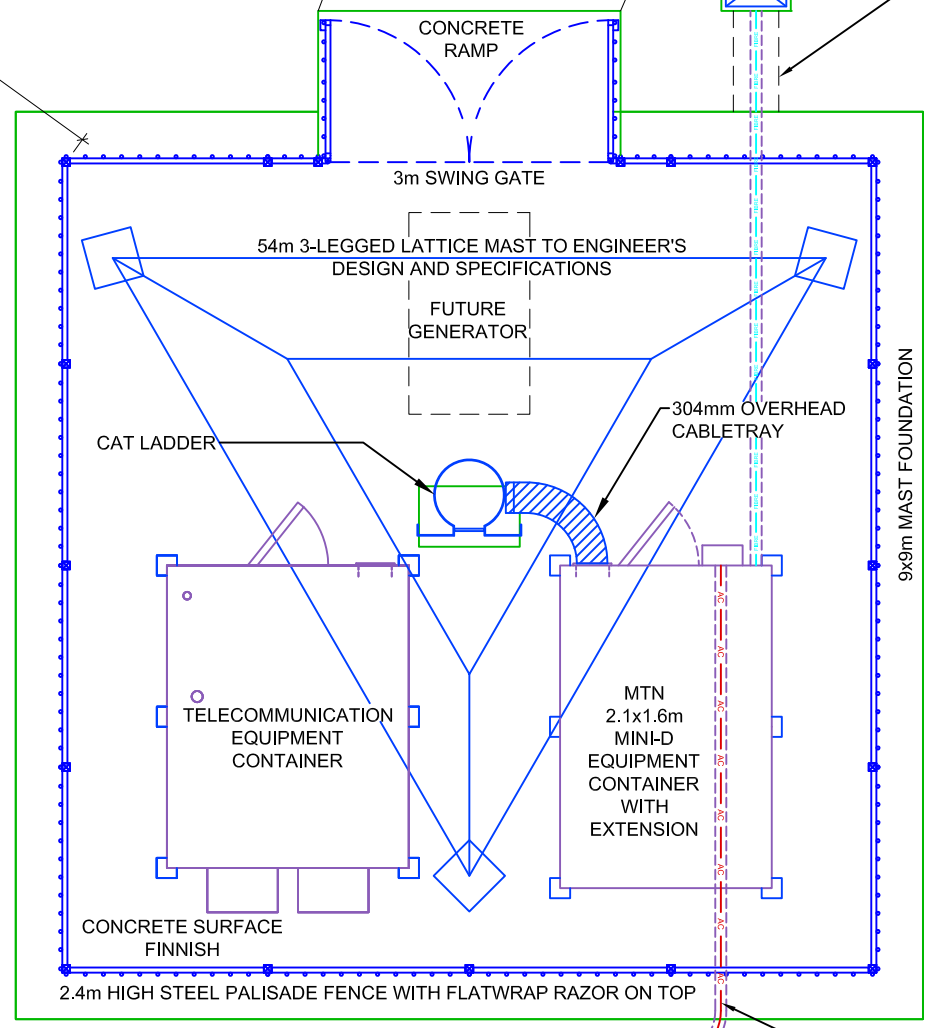
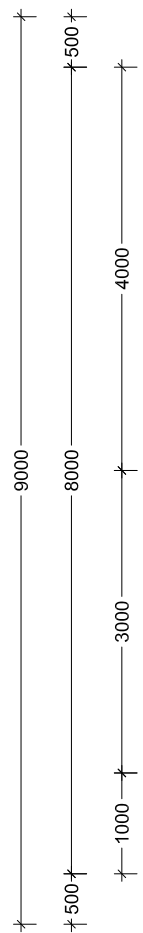




NEW MTN:  
2-TRACK ACCESS  
ROAD (± 250m)



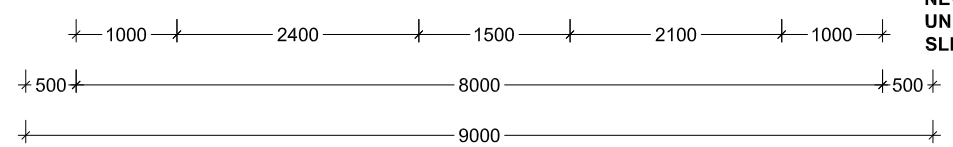
NEW MTN: STANDARD CONCRETE MANHOLE  
FUTURE FIBRE OPTIC LINK  
NEW MTN: Ø110mm UNDERGROUND NEXTUBE SLEEVE  
& 1x 7-WAY DUCT FOR FUTURE FIBRE OPTIC CABLE IN  
A 450mm x 900mm DEEP TRENCH (STACKED)



HEIGHT BEACON

PORTION 6 OF THE  
FARM BLAAUKOP  
271 IT

NEW MTN: Ø110mm  
UNDERGROUND NEXTUBE  
SLEEVE FOR AC SUPPLY



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

SITE NAME: **T9513**

BASE STATION NUMBER:  
**BLAAUKOP FARM**

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
OWNER: JACO GROBLER TRUST

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

COORDINATES:  
LAT: 26° 31' 55.00" S  
LONG: 30° 15' 17.90" E

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

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



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.:  
155087

PROJECT NUMBER:  
120169

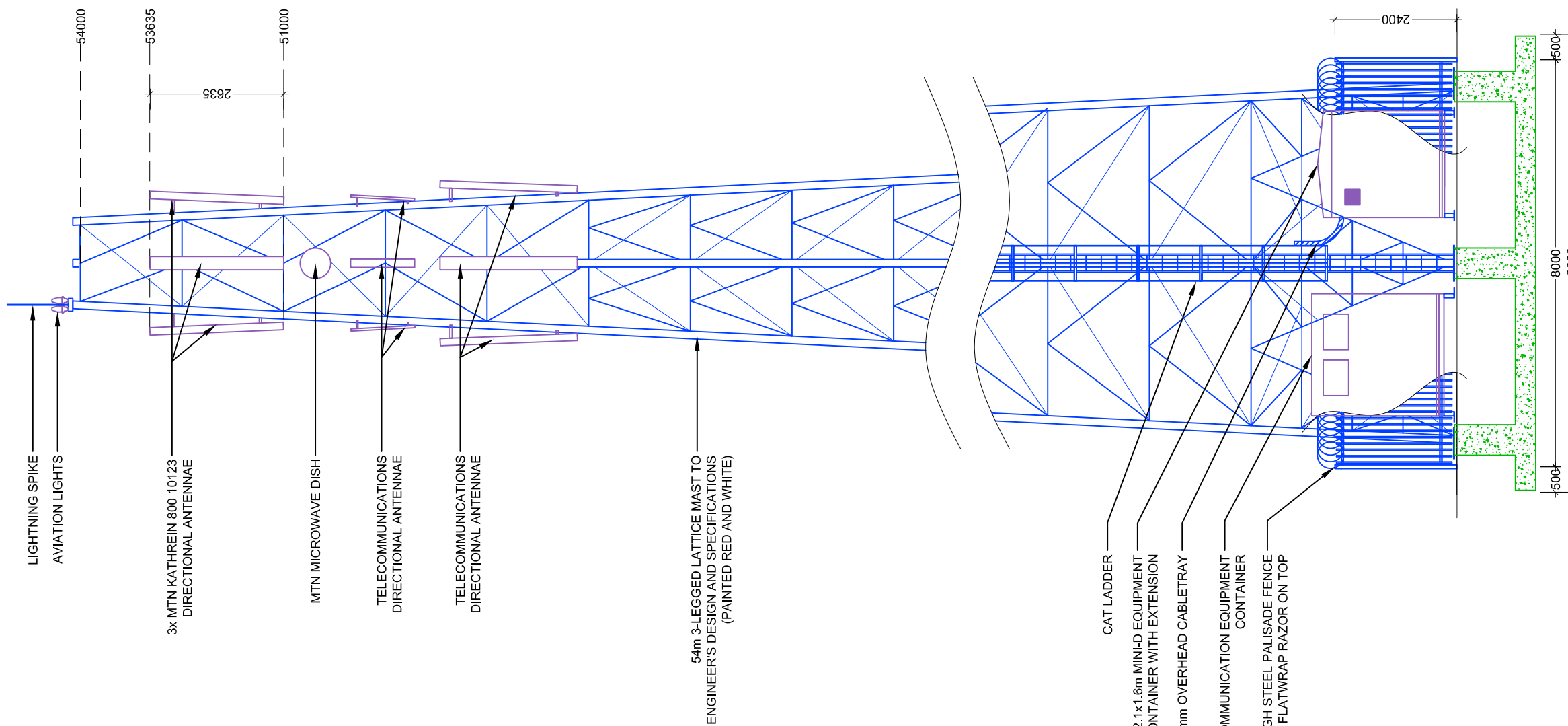
DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE  
USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT  
OF WORK.  
ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE  
INFRASTRUCTURE SPECIFICATION RI/01/1001  
ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: JAN MALAN  
SCALE: 1:75  
DATE: 30/11/2011  
REF. NO: 812/T9513

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°	K80010123	51			7/8"	± 56
2	120°	K80010123	51			7/8"	± 56
3	240°	K80010123	51			7/8"	± 56



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:

T9513

BASE STATION NUMBER:

BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:

OWNER: JACO GROBLER TRUST

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:

PORTION 6 OF THE FARM BLAAUKOP 271 IT

COORDINATES:

LAT: 26° 31' 55.00" S  
LONG: 30° 15' 17.90" E

PROJECT:

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

ADDRESS:

OFF THE T65 TOWARDS ERMELO,  
ON RIGHT HAND SIDE,

INFRASTRUCTURE  
PLANNING SERVICES



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.:  
155087

PROJECT NUMBER:  
120169

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: JAN MALAN

DATE: 30/11/2011

SCALE: 1:100

REF. NO: 812/T9513

SOUTH ELEVATION  
SHEET 8 OF 9

PROPOSED



TYPICAL LATTICE MAST  
(PAINTED RED & WHITE)



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

SITE NAME:  
**T9513**

BASE STATION NUMBER:  
**BLAAUKOP FARM**

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
OWNER: JACO GROBLER TRUST

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:  
PORTION 6 OF THE FARM BLAAUKOP 271 IT

COORDINATES:  
LAT: 26° 31' 55.00" S  
LONG: 30° 15' 17.90" E

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

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



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.:  
155087

PROJECT NUMBER:  
120169

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: JAN MALAN	DATE: 30/11/2011
SCALE: NTS	REF. NO: 812/T9513

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

**Appendix E: Comments and responses report**

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

Site number:  
Site Name:  
EIA reference no:

**T9513**  
**Blaaukop Farm**  
**17/2/3/GS-102**

Interested and Affected Parties Register							Comments and Responses Report	
No.	Date	Name	Address	Contact detail	Reacted to:	Record of initial I&AP registration	Issues raised / Comments received	EAP Response
1	07/06/2012	The Municipal Manager	Msukaligwa Local Municipality, PO Box 48, Ermelo, 2350	Thami Dlamini, Environmental Management Section, Fax 0178013851	NA	Auto I&AP	No comments received	Sent Draft BAR
2	07/06/2012	The Ward Councillor	Msukaligwa Local Municipality, PO Box 48, Ermelo, 2350	SE Vilakazi, Councillor Ward 18, Fax 017 801 3851	NA	Auto I&AP	No comments received	Sent Draft BAR
3	07/06/2012	The District Municipality	Gert Sibande District Municipality, PO Box 1748, Ermelo, 2350	Mr DV Ngcobo, Environmental Management Section, Fax 017 811 1207	NA	Auto I&AP	No comments received	Sent Draft BAR
4	11/06/2012	SAHRA	South African Heritage Resources Agency, 111 Harrington str, Cape Town, 8000; PO Box 4637, Cape Town, 8000	Mr P Hine/Mrs Colette Scheermeyer, Tel: 0214624502, Fax: 0214624509, Email: phine@sahra.org.za	NA	Auto I&AP	No comments received	Sent Draft BAR
5	07/06/2012	SACAA	Private Bag x73, Halfway House 1685	Tel: (011) 545 1000 Fax: (011) 545 1451	NA	Auto I&AP	Day & night markings required	Paint mast red & white and install red navigation lights on top
6	11/06/2012	MTPA	Mpumalanga Tourism & Parks Agency, Private Bag x11338, Nelspruit, 1200	Mpumalanga Tourism & Parks Agency, Private Bag x11338, Nelspruit, 1200	Public Notice	Auto I&AP	No comments received	Sent Draft BAR
7	26/01/2012	Landowner	Jaco Grobler Trust, Postnet Suite 1821, Privaatsak X9013, Ermelo, 2350	Jaco Grobler, Cell 0829457408, Email jacogrobler@skyafrika.co.za	Lease Negotiations	Land Owner	Signed Lease	Sent Draft BAR

**Appendix F: EMPR**



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

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

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

Project Reference Number:

**17/2/3/GS-102**

*Portion 6 of the farm Blaauwkop 271 IT*

*T9513*

*2 October 2012*



## DOCUMENT APPRAISAL

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

Department Reference Number: 17/2/3/GS-102

## CONTENTS PAGE

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

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

## EXECUTIVE SUMMARY

The proponent, MTN (Pty) Ltd, intends ***the establishment of a MTN (Pty) Ltd telecommunication mast on Portion 6 of the farm Blaauwkop 271 IT.***

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

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

# 1 INTRODUCTION

## 1.1 Background and Brief Project Description

The proposed project involves ***the establishment of a 54m high MTN (Pty) Ltd telecommunication mast on Portion 6 of the farm Blaauwkop 271 IT.***

***Infrastructure Planning Services*** was appointed to compile the Environmental Management Plan in respect of the proposed project.

### 1.1.1 Aims of the EMP

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

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

### 1.1.2 Contents of the EMP

The EMP consists of the following sections:

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

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

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

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

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

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

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

### **2.1 Environmental Site Agent**

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

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

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

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

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

## **2.3 On Site Communication Procedure**

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

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

### **2.3.2 Record Keeping**

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

### **2.3.3 Photographs**

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

### **2.3.4 Environmental Audit Report**

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

## **2.4 Basic Rules of Conduct**

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



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

**DO:**

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

**DONT:**

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

## 2.5 Internal Review and Auditing

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

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

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

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

#### **3.1 Site Demarcation**

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

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

#### **3.2 Construction Facilities**

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

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

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

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

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

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

### **3.2.3 Water Provision**

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

### **3.2.4 General Aesthetics**

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

## **3.3 Site Clearing**

### **3.3.1 Vegetation Clearing**

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

### **3.3.2 Site Access**

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

### **3.3.3 Trenching**

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

## **3.4 Materials Handling and Storage**

### **3.4.1 Handling**

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

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

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

### **3.4.3 Storage of Equipment**

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

## **3.5 Refuelling and Maintenance**

### **3.5.1 Refuelling**

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

### **3.5.2 Maintenance**

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

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

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

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

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

### **3.7 Waste Management**

#### **3.7.1 Solid Waste**

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

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

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

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

#### Erosion Control

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

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

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

### **3.8 Fire Control**

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

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

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

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

### **3.9.2 Protection of Flora**

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

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

### **3.9.3 Protection of Fauna**

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

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

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

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

### **3.11 Dust Control**

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



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

### 3.12 Noise Control

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

### 3.13 Cement

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

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

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

### 3.14 Mast Colour

The mast shall be painted **red and white in accordance with that stated in ROD/EA and in accordance with Civil Aviation Authority requirements.**

### 3.15 Complaints Register

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

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

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

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

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

## 4 ENVIRONMENTAL SPECIFICATIONS: OPERATIONAL PHASE

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

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

### 4.1.1 Maintenance

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

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

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

## 5 ENVIRONMENTAL SPECIFICATIONS: DECOMMISSIONING PHASE

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

The Applicant will be responsible for the following:

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

### 5.1.1 Procedure

Procedure to be followed when decommissioning a BTS site.

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

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

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

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

#### **Tower**

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

#### **Feeder System**

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

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

#### **Fencing and Guardrails**

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

#### **Container**

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

#### **Site Rehabilitation**

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

#### **Dumping**

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

#### **Records**

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

## 6 EMERGENCY RESPONSE PLAN

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

### 6.1 Typical remedial work options

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

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



This EMP has been assessed/reviewed and agreed with:

\_\_\_\_\_

**HOD – Implementation**

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

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

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

\_\_\_\_\_

**SUPERVISOR – Property**

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

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

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

\_\_\_\_\_

**Environmental Consultant (ESA)**

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

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

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

\_\_\_\_\_

**HOD - Maintenance**

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

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

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

**Appendix 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**

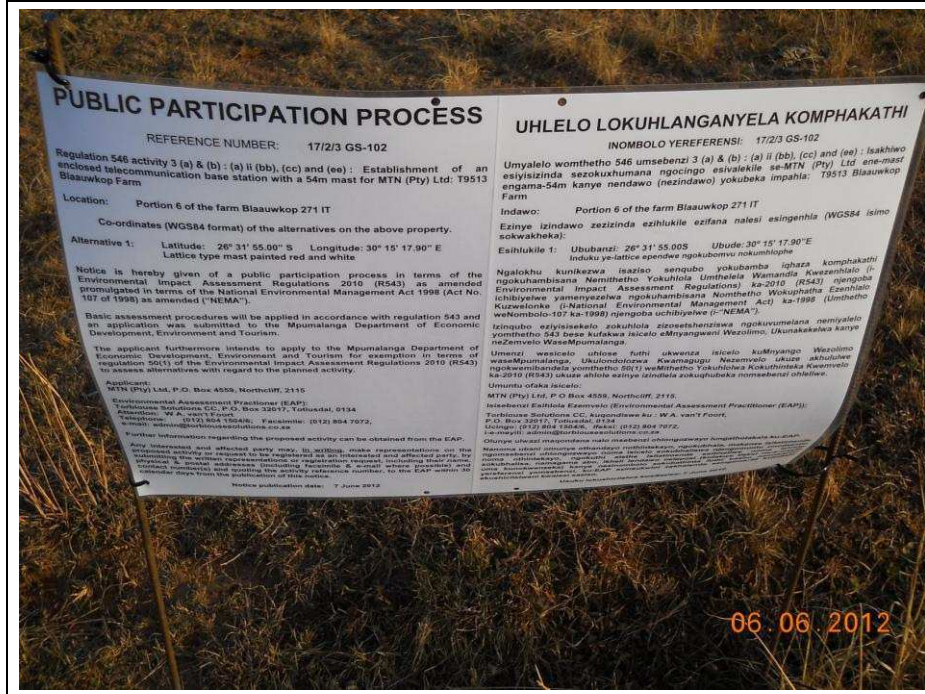
**G1(c) - South African Civil Aviation Authority Information**

**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 access road**

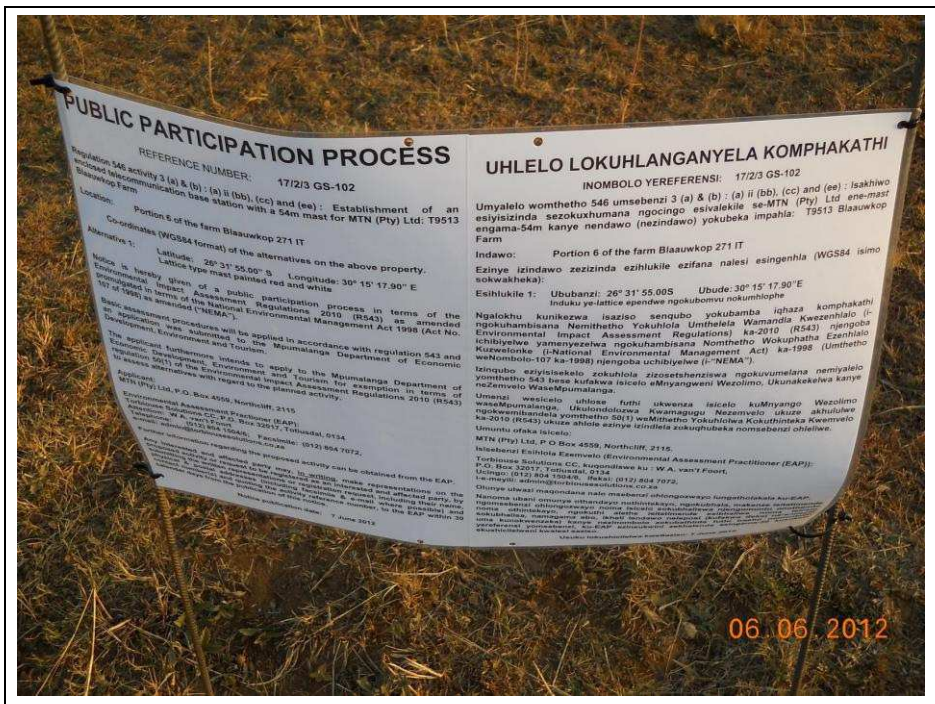


**Site Notice 1 affixed to temporary stand next to access road**

# Proof of Site Notice



**Site Notice 1 affixed to temporary stand next to access road**



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

# Proof of Site Notice

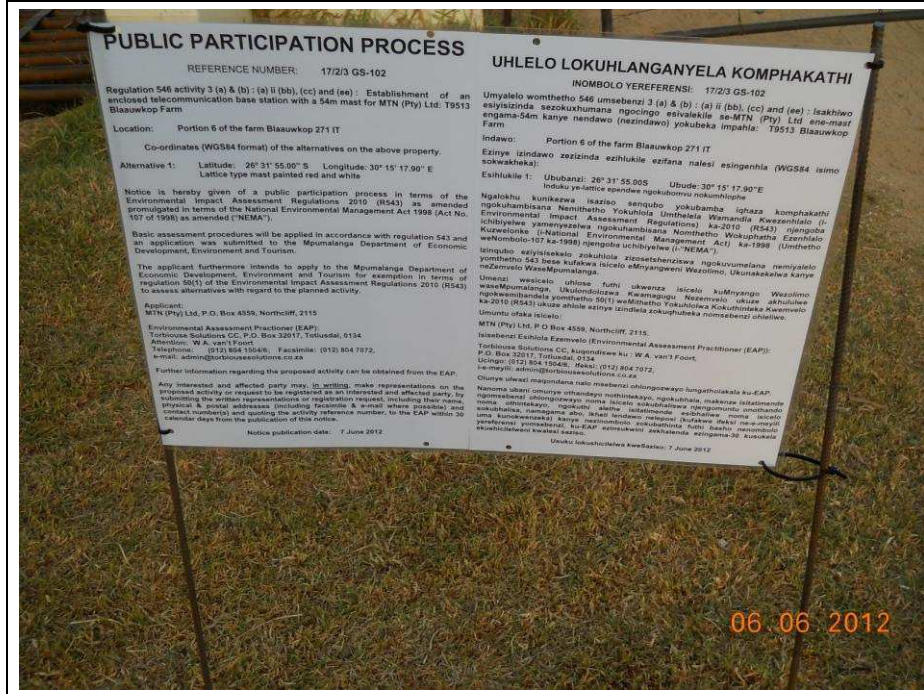


**Site Notice 2 affixed to temporary stand next to access road**



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

# Proof of Site Notice



**Site Notice 3 affixed to temporary stand at entry gate**



**Site Notice 3 affixed to temporary stand at entry gate**

# Proof of Site Notice



**Site Notice 3 affixed to temporary stand at entry gate**



**G1(b) – Proof of Written Notices**

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

7 June 2012



The Municipal Manager  
Msukaligwa Local Municipality  
P O Box 48  
Ermelo  
2350

Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road  
Silvertondale, 0184  
Pretoria

Attention: Thami Dlamini  
Environmental Management Section

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

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

Facsimile : (017) 801 3851

Dear Sir / Madam,

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (BB), (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 6 OF THE FARM BLAAUWKOP 271 IT**

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:**

---

---

---

---

Destination	Start Time	Time	Prints	Result	Note
0178013851	06-15 09:32	00:02:46	010/010	OK	

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

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

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

7 June 2012

The Municipal Manager  
Maukallgwa Local Municipality  
P O Box 48  
Ermelo  
2350

Attention: Thami Dlamini  
Environmental Management Section

Facsimile : (017) 801 3851



Reg. No. 2001/080835/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road  
Silvertondale, 0184  
Pretoria

Tel: (012) 804 1604/6

Fax: (012) 804 7072

e-mail: admin@torbiousolutions.co.za

Dear Sir / Madam,

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) 5 (B) : (A) II (BB), (CC) AND (EE) IN REGULATION 548: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 6 OF THE FARM BLAAUWKOP 271 IT**

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

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

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

Kind Regards,

  
WA VAN'T FOORT

For: Torbious Solutions cc

Comments:

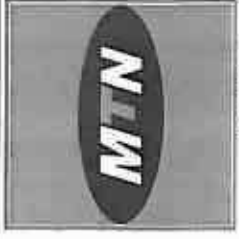
---



---



---



1871 Suburban Estate  
Block 8, Middelburg Complex  
Middelburg 5705  
Toll-free: 0800 123 456  
Project Name: T9513  
Project Status: Approved  
Project Date: 30/11/2011

SITE NAME: T9513

LEASE STATION NUMBER:

BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
OWNER: JACO GROBLER TRUST

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

COORDINATES:  
LAT: 26° 31' 55.00" S  
LONG: 30° 16' 17.00" E

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

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



414 Duiklo Road  
Silverdale  
D14  
Tel: +27 (0) 854 8248  
Fax: +27 (0) 854 7072  
info@ipsplan.co.za

P.O. Box 20017  
Toll-free  
011 54

REF. NO.: 155087

PROJECT NUMBER: 120188

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

ALL WORK TO BE PERFORMED ACCORDING TO MTN B78 SITE  
INFRASTRUCTURE SPECIFICATION H001/1001  
ISSUE 1 (REVISION 0) NOVEMBER 2007

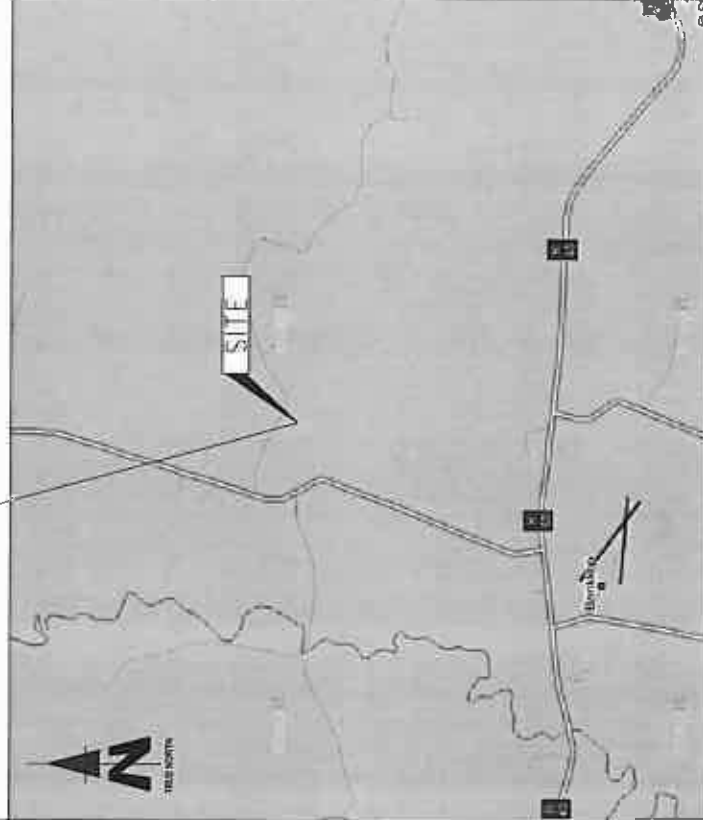
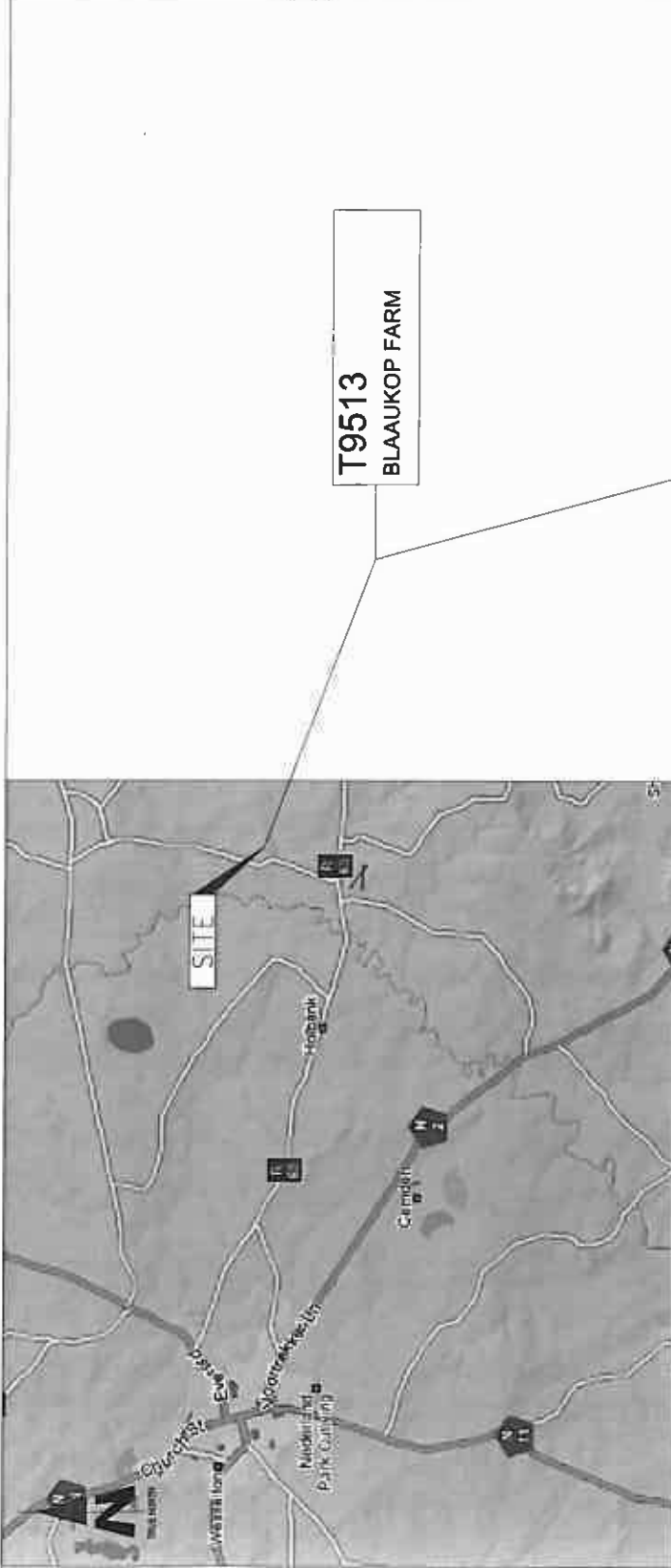
DATE: 30/11/2011

REF. NO: 612/78513

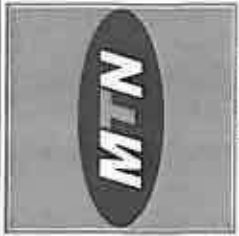
SCALE: NTS

LOCALITY MAP

SHEET 1 OF 9



6 S



1587 Breda Street  
Block 8, Helderberg Complex  
Helderberg, 7033

Project Status: 100%  
Project No: 1587/03/000  
Project Name: 1587/03/000  
Project Date: 2011

SITE NAME: T9513

BASE STATION NUMBER: T9513

BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
OWNER: JACO GROBLER TRUST

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:  
PORTION 8 OF THE FARM BLAAUKOP 271 IT

COORDINATES:  
LAT: 29° 31' 45.00" S  
LONG: 30° 15' 17.80" E

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

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

INFRASTRUCTURE PLANNING SERVICES

IPS

414 Breda Road  
Stellenbosch  
0184

Tel: +27 (0) 21 854 1804  
Fax: +27 (0) 21 854 7072  
www.infrastructureplanning.co.za

P.O. Box 28217  
Tolworth  
0184

RFO NO.: 155067

PROJECT NUMBER: 120189

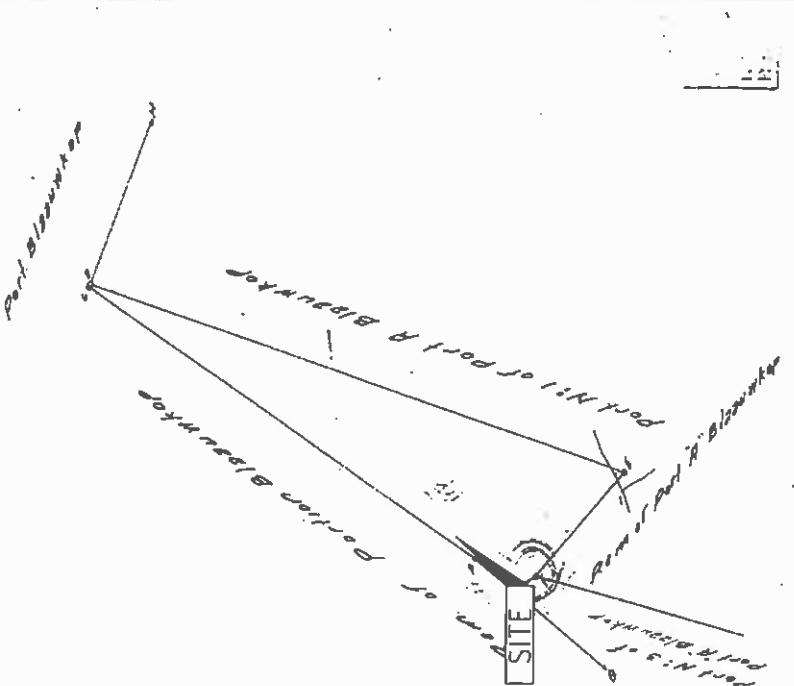
DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE FIGURED UNLESS OTHERWISE SPECIFIED.

ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION R001:001 ISSUE 1 (REVISED 10 NOVEMBER 2007)

DRAWN: JAN MALAN  
SCALE: A1S

DATE: 30/11/2011  
REF. NO: 812/T9513

CADASTRAL INFO  
SHEET 2 OF 9



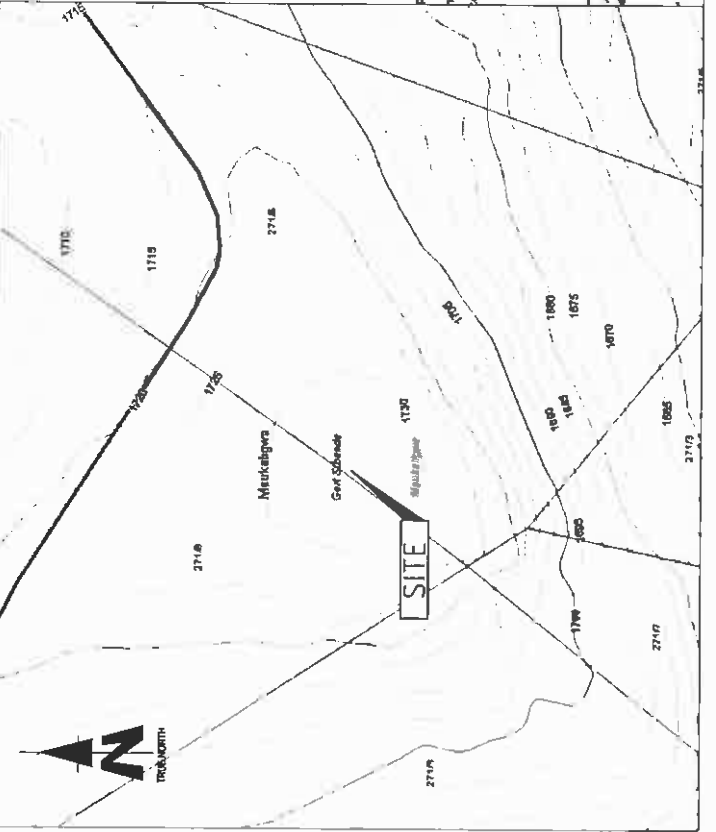
The above figure lettered **A B C D E F** is a portion of the Diagram No. 748 Morgan 540 Square Blocks of land, being **Portion 8 of Part B Blaaukopp** of the Diagram No. 22, framed by Surveyor **S. T. Erskine** to deed of Transfer No. 748/04 dated 19.8.04 made in favour of **MU Grob. & Co. (Pty) Ltd** in the District of **Erasmus** Ward **Amalimoban** Province of **T. M. Breda Street, Sur. K. Strydom** and have been pointed out by **T. M. Breda Street, Sur. K. Strydom** and have been surveyed in **MAY 1913**

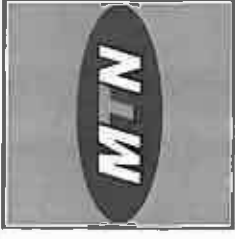
The Diagram No. 748 Morgan 540 Square Blocks of land, being Portion 8 of Part B Blaaukopp of the Diagram No. 22, framed by Surveyor S. T. Erskine to deed of Transfer No. 748/04 dated 19.8.04 made in favour of MU Grob. & Co. (Pty) Ltd in the District of Erasmus Ward Amalimoban Province of T. M. Breda Street, Sur. K. Strydom and have been pointed out by T. M. Breda Street, Sur. K. Strydom and have been surveyed in MAY 1913

Approved: *J. L. J. van der Stuyvenberg*

The Diagram No. 748 Morgan 540 Square Blocks of land, being Portion 8 of Part B Blaaukopp of the Diagram No. 22, framed by Surveyor S. T. Erskine to deed of Transfer No. 748/04 dated 19.8.04 made in favour of MU Grob. & Co. (Pty) Ltd in the District of Erasmus Ward Amalimoban Province of T. M. Breda Street, Sur. K. Strydom and have been pointed out by T. M. Breda Street, Sur. K. Strydom and have been surveyed in MAY 1913

Approved: *J. L. J. van der Stuyvenberg*





1917 Oudekraal Street  
 Block 8, Helderberg Complex  
 Harare, 0083

Tel: +27 (0) 21 542 8000  
 Fax: +27 (0) 21 542 8009  
 Harare, 0083

Registered Office 146  
 Phoenix Way 211  
 Maraisburg, 0151

SITE NAME:

T9513

BASE STATION NUMBER:

BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:

OWNER: JACO GROBLER TRUST

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:

PORTION 6 OF THE FARM BLAAUKOP 271 IT

COORDINATES:

LAT: 28° 31' 55.00" S  
 LONG: 30° 15' 17.80" E

PROJECT:

NEW 9.6m TELECOMMUNICATION BASESTATION  
 WITH A 54m LATTICE MAST  
 FOR MTN (PT) LTD

ADDRESS:

OFF THE T65 TOWARDS ERMELO.  
 ON RIGHT HAND SIDE.



INFRASTRUCTURE  
 PLANNING SERVICES

414 Pacific Road  
 Silverdale  
 0151

Tel: +27 (0) 21 804 1904/9  
 Fax: +27 (0) 21 804 7072  
 email: ips@infoplans.co.za

P.O. Box 32817  
 Tlokweng  
 0151

REG NO.:

155087

PROJECT NUMBER:

120189

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 973 SITE  
 INFRASTRUCTURE SPECIFICATION (001/007)  
 ISSUE 1 (REVISION NUMBER 2007)

DRAWN: JAW MALAN

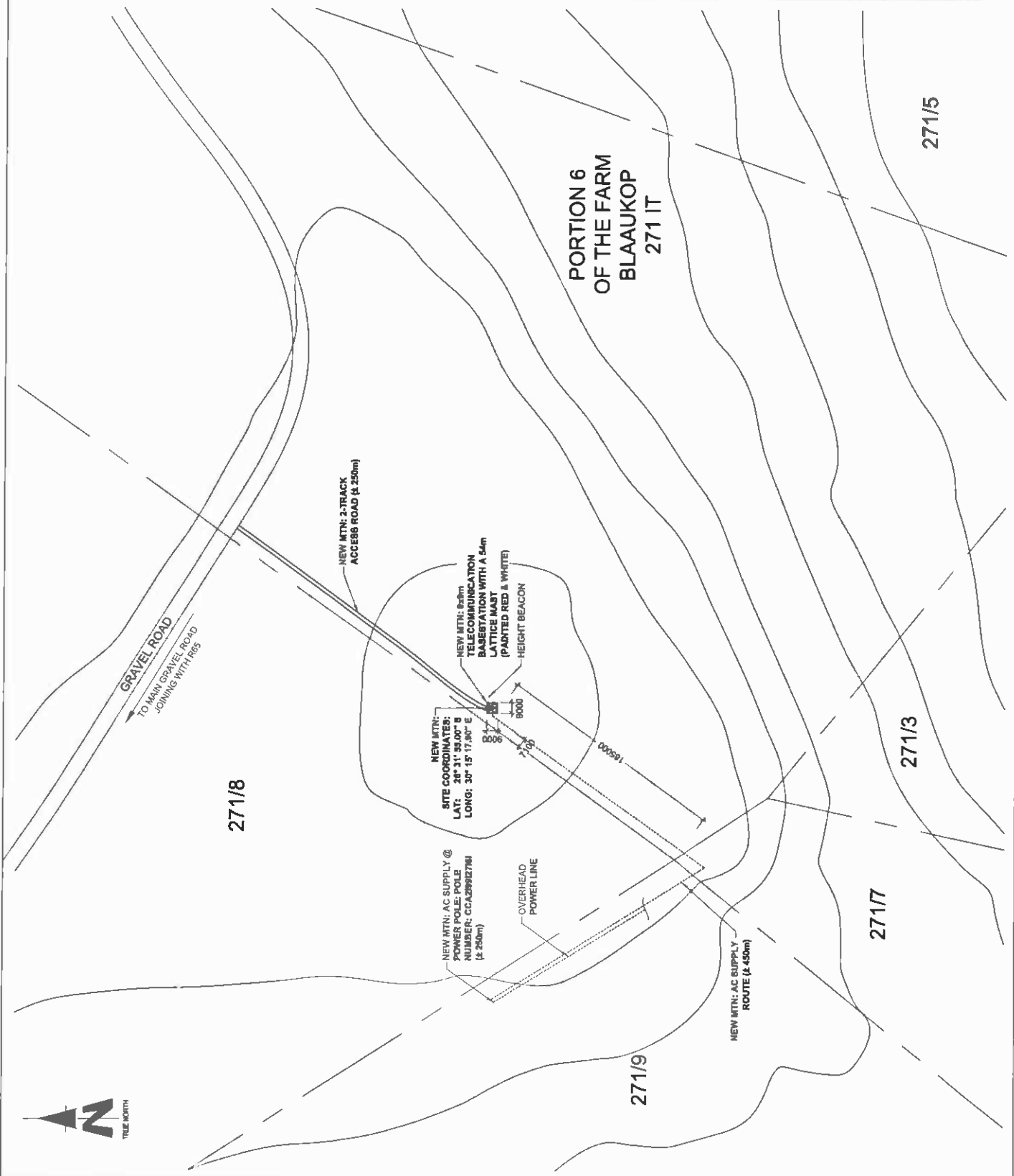
DATE: 30/11/2011

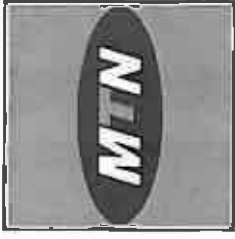
SCALE: 1:2000

REF. NO: 812/T9513

SITE DEVELOPMENT PLAN

SHEET 3 OF 9





1957 Pretorius Street  
Block 8, Helderberg Complex  
Helderberg, 2015  
Municipality of Johannesburg

TEL: +27 (0)11 343 2000  
FAX: +27 (0)11 343 2000  
WWW.MTN.CO.ZA

PROPOSED SITE: 271/5  
BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
OWNER: JACO GROBLER TRUST

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:  
PORTION 6 OF THE FARM BLAAUKOP 271 IT

COORDINATES:  
LAT: 28° 31' 55.00" S  
LONG: 30° 15' 17.80" E

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

ADDRESS:  
OFF THE T85 TOWARDS ERWELD. ON RIGHT HAND SIDE.

INFRASTRUCTURE PLANNING SERVICES

414 Roubic Street  
Brynerton  
0154  
TEL: +27 (0)12 804 5048  
FAX: +27 (0)12 804 7072  
WWW.IPSINFRASTRUCTURE.CO.ZA

RFD NO.: 155087  
PROJECT NUMBER: 120109

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 SPECIFICATIONS SPECIFICATION 800.01001 ISSUE 1 (REVISION 1) FEBRUARY 2007

DRAWN: JAN MALAN  
SCALE: 1:3000

DATE: 30/11/2011  
REF. NO: B12/T85/13

CURRENT LAND USE  
SHEET 4 OF 9

LEGEND  
AGRICULTURAL

271/5

271/8

271/7

271/9

271/3

GRAVEL ROAD

TO MAIN GRAVEL ROAD  
JOINING WITH T85

NEW MTN: 2-TRACK  
ACCESS ROAD (±250m)

NEW MTN: 84m  
TELECOMMUNICATION  
BASE STATION WITH A 54m  
LATTICE MAST  
(PAINTED RED & WHITE)

HEIGHT BEACON

NEW MTN: JAC SUPPLY @  
POWER POLE: POLE  
NUMBER: CC201912761  
(± 250m)

OVERHEAD  
POWER LINE

NEW MTN: JAC SUPPLY  
ROUTE (± 400m)

3000

15000

TRUE NORTH

271/5

271/8

271/7

271/9

271/3

GRAVEL ROAD

TO MAIN GRAVEL ROAD  
JOINING WITH T85

NEW MTN: 2-TRACK  
ACCESS ROAD (±250m)

NEW MTN: 84m  
TELECOMMUNICATION  
BASE STATION WITH A 54m  
LATTICE MAST  
(PAINTED RED & WHITE)

HEIGHT BEACON

NEW MTN: JAC SUPPLY @  
POWER POLE: POLE  
NUMBER: CC201912761  
(± 250m)

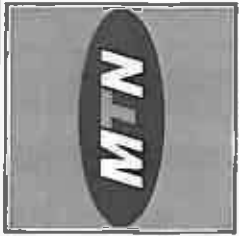
OVERHEAD  
POWER LINE

NEW MTN: JAC SUPPLY  
ROUTE (± 400m)

3000

15000

TRUE NORTH



1517 Pekaia Street  
 Block 8, Maitland Computer  
 Maitland, 0683  
 Tel: +27 (0) 341 341 300  
 Fax: +27 (0) 341 341 328  
 P.O. Box 28317  
 Tokai  
 7134

SITE NAME: T9513

BASE STATION NUMBER:  
 BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
 OWNER: JACO GROBLER TRUST

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

COORDINATES:  
 LAT: 29° 31' 55,007" S  
 LONG: 30° 15' 17,907" E

PROJECT:  
 NEW 96m TELECOMMUNICATION BASESTATION  
 WITH A 54m LATTICE MAST  
 FOR MTN (PTY) LTD

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

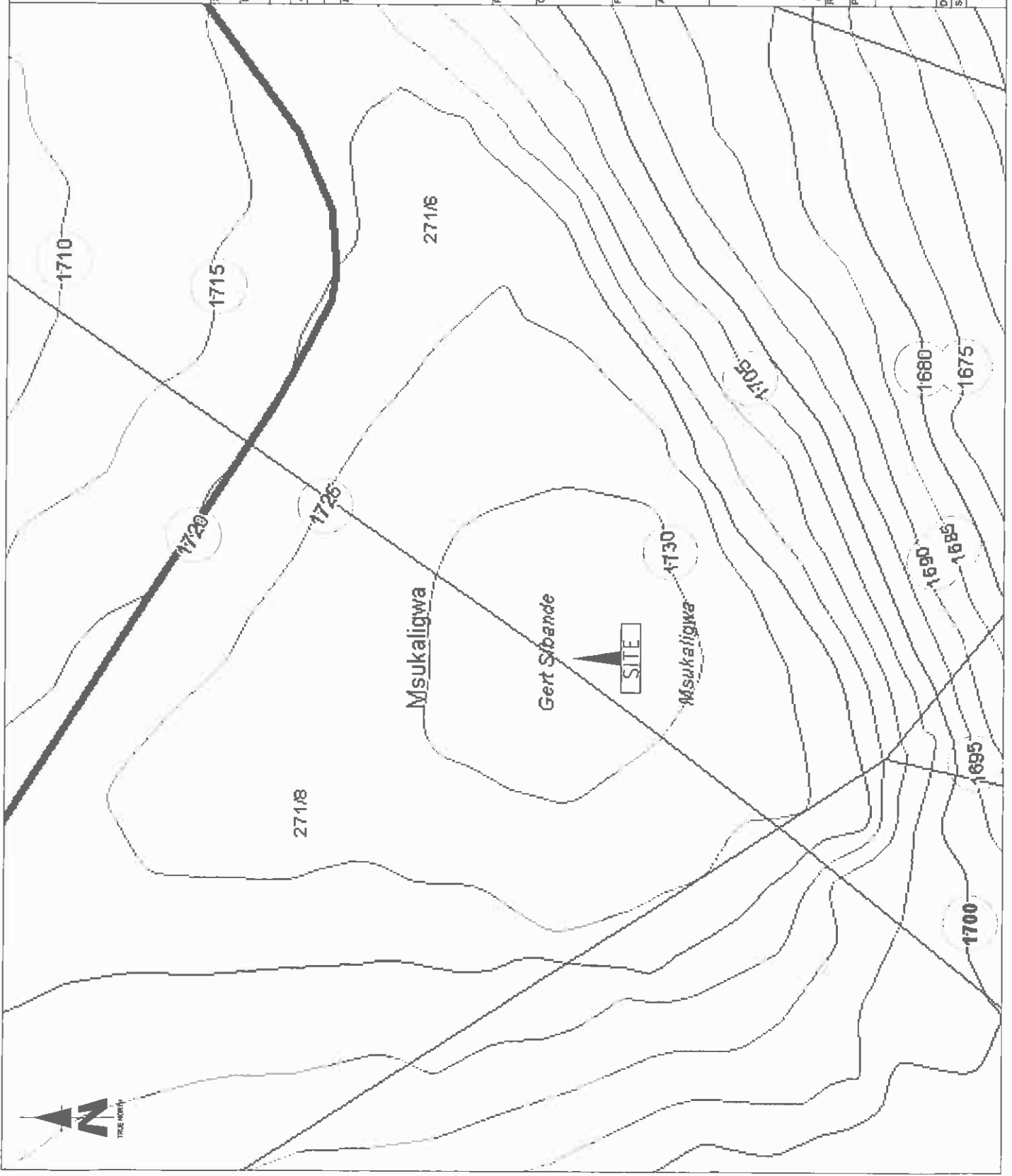
INFRASTRUCTURE  
 PLANNING SERVICES

414 Quaker Road  
 Blydenburg  
 0154  
 Tel: +27 (0) 854 19248  
 Fax: +27 (0) 854 7072  
 info@ipsplanning.co.za

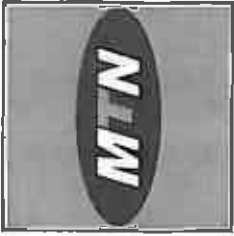
RFD NO.: 155087  
 PROJECT NUMBER:  
 120189

DRAWN: JANI MALAN  
 DATE: 30/11/2011  
 REF. NO: 812/18513

CONTOUR INTERVAL SHEET  
 5 OF 9







1287 Pretorius Street  
 Midrand, Gauteng  
 1685  
 Tel: +27 (0) 21 522 2000  
 Fax: +27 (0) 21 522 2006  
 www.mtn.com

Received By: [Signature]  
 Date: 2011/03/11

SITE NAME: T9513  
 BASE STATION NUMBER: BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
 OWNER: JACO GROBLER TRUST

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:  
 PORTION 6 OF THE FARM BLAAUKOP 271 IT

COORDINATES:  
 LAT: 28° 31' 55.00" S  
 LONG: 30° 15' 17.90" E

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

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



INFRASTRUCTURE PLANNING SERVICES

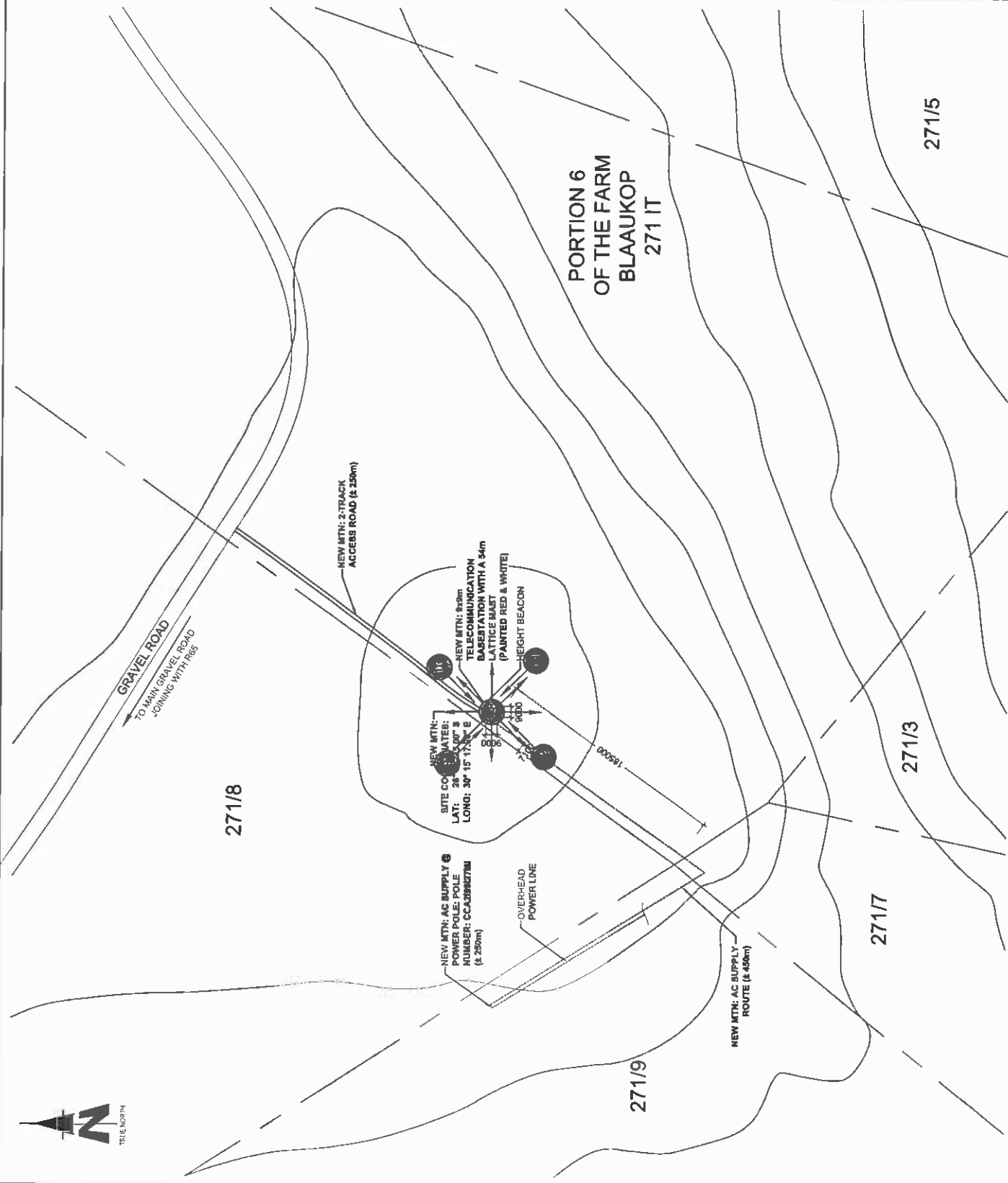
P.O. Box 26017  
 Sandton  
 2146  
 Tel: +27 (0) 21 522 2000  
 Fax: +27 (0) 21 522 2006  
 www.ipsinfra.com

RFQ NO.: 155087  
 PROJECT NUMBER: 120189

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 ITS SITE INFRASTRUCTURE SPECIFICATION (SIT) ISSUE 1 (REVISION 0) NOVEMBER 2007

DRAWN: JANI MALAN  
 SCALE: 1:3000  
 DATE: 30/11/2011  
 REF. NO: 812/0613

SITE PHOTOGRAPHS  
 SHEET 6 OF 9



271/8

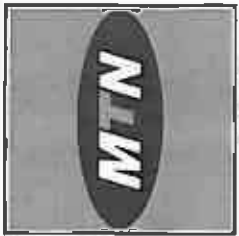
PORTION 6  
 OF THE FARM  
 BLAAUKOP  
 271 IT

271/9

271/7

271/3

271/5



1507 Pheasant Run  
 Block 8, Middelburg Campus  
 Middelburg 5003

PH: +27 (0) 31 231 2000  
 FAX: +27 (0) 31 231 2001  
 www.mtn.co.za

Project Ref: 1507  
 Project Name: Middelburg  
 Date: 30/11/2011

**SITE NAME:**  
 T9513

**BASE STATION NUMBER:**  
 BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

**NOTES:**  
 OWNER: JACO GROBLER TRUST

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

**COORDINATES:**  
 LAT: 29° 31' 45.00" S  
 LONG: 30° 15' 17.80" E

**PROJECT:**  
 NEW 8x8m TELECOMMUNICATION BASESTATION  
 WITH A 54m LATTICE MAST  
 FOR MTN (PTY) LTD

**ADDRESS:**  
 OFF THE T85 TOWARDS ERMELO.  
 ON RIGHT HAND SIDE.

**INFRASTRUCTURE PLANNING SERVICES**



414 Dundee Road  
 Boksburg  
 0154

Tel: +27 (0) 84 10048  
 Fax: +27 (0) 84 7072  
 info@ipsplan.co.za

P.O. Box 32017  
 Tuckervlei  
 0154

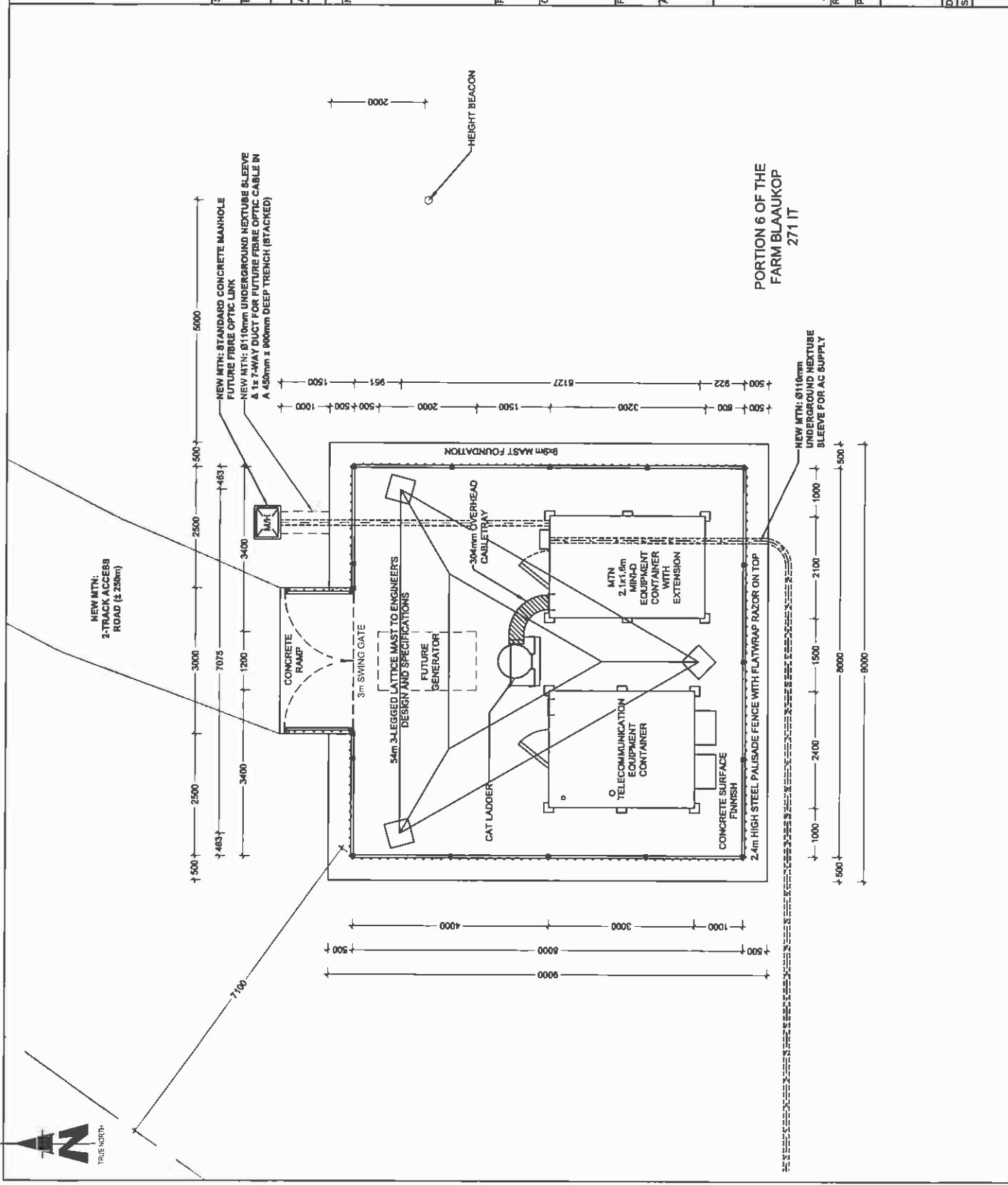
**REF NO.:**  
 150987

**PROJECT NUMBER:**  
 120189

**COMMENTS:**  
 DIMENSIONS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.  
 ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION 800/1/001 ISSUE 1 (REVISION 0) NOVEMBER 2007

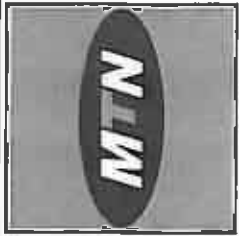
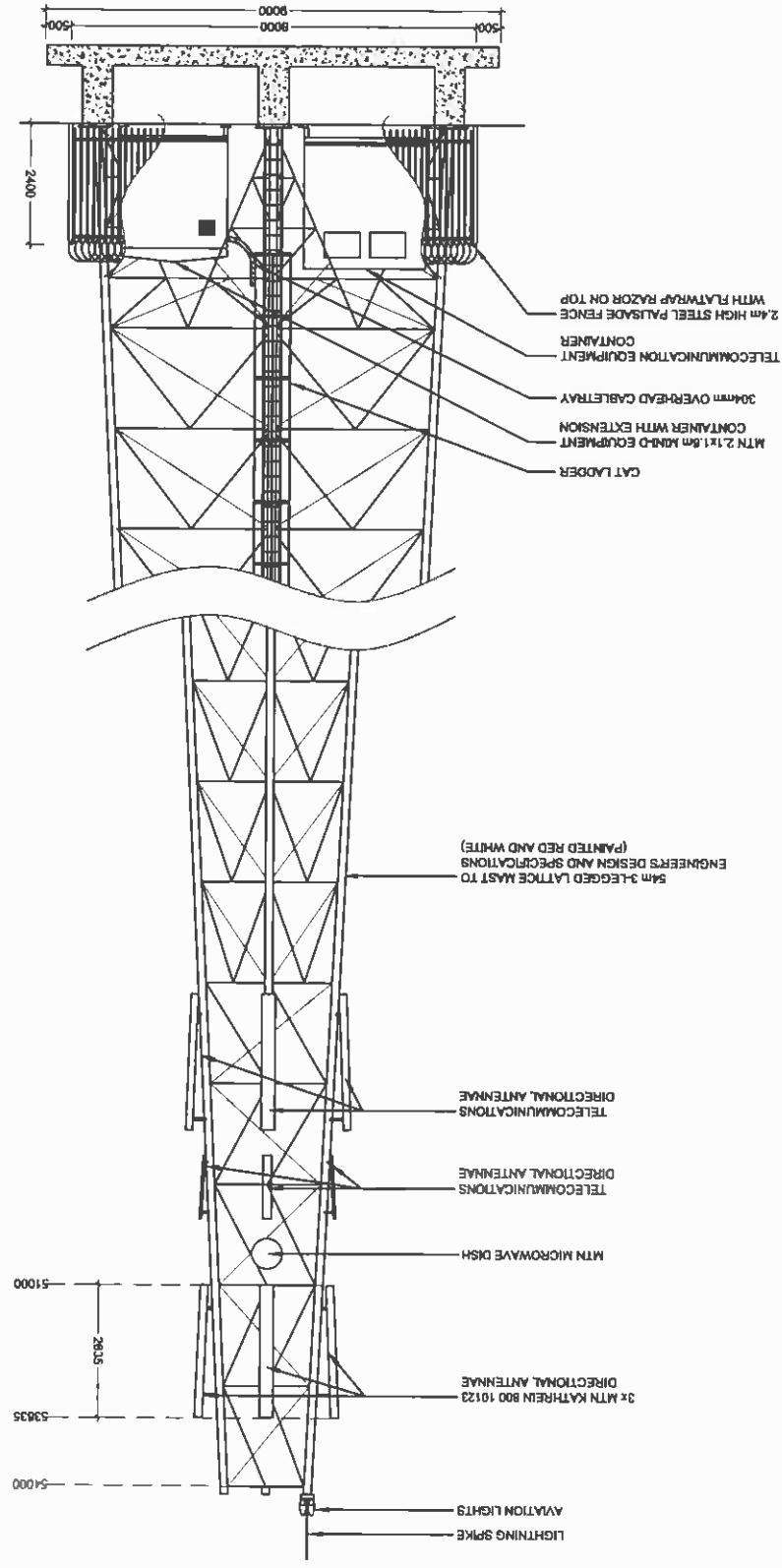
**DRAWN:** JAN MALAN  
**SCALE:** 1:75  
**DATE:** 30/11/2011  
**REF. NO.:** 612/08513

**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°	K80010123	51			7/8"	± 56
2	120°	K80010123	51			7/8"	± 56
3	240°	K80010123	51			7/8"	± 56



1201 Industrial Estate  
 Block 8, Woodlands Complex  
 Woodlands, 7383  
 Tel: +65 (0) 6744 7000  
 Fax: +65 (0) 6744 7001  
 www.mtn.com.sg

Proposed Station Log  
 Reference No: 2112  
 BLAUKOP FARM

SITE NAME: T9513

BASE STATION NUMBER: BLAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
 DWNER: JACO GROBLER TRUST

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

COORDINATES:  
 LAT: 29° 31' 55.00" S  
 LONG: 30° 15' 17.50" E

PROJECT:  
 NEW 8x6m TELECOMMUNICATION BASESTATION  
 WITH A 54m LATTICE MAST  
 FOR MTN (PTY)LTD

ADDRESS:  
 OFF THE 165 TOWARDS ERMELO.  
 ON RIGHT HAND SIDE.

INFRASTRUCTURE  
 PLANNING SERVICES



414 Durban Road  
 Boksburg  
 0154  
 Tel: +27 (12) 804 1804  
 Fax: +27 (12) 804 1072  
 info@ipsplanning.co.za

P.O. Box 30017  
 Tlokweng  
 0134

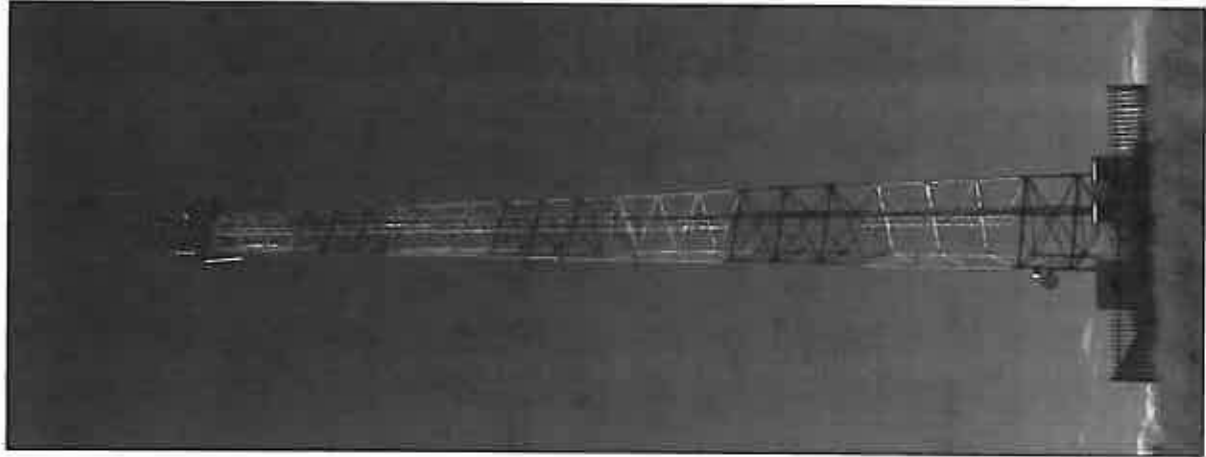
RFQ NO.: 155087  
 PROJECT NUMBER: 120169

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 R01/1/001, ISSUE 1 (REVISION 0) NOVEMBER 2007

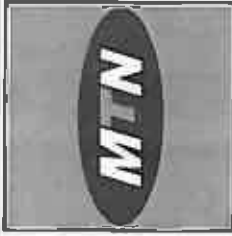
DRAWN: JAM MALAN  
 SCALE: 1:100  
 DATE: 30/11/2011  
 REF. NO: 812/78513

SOUTH ELEVATION  
 SHEET 8 OF 9

PROPOSED



TYPICAL LATTICE MAST  
(PAINTED RED & WHITE)



1281 Pekaheke Street  
Block 8 Highbush Complex  
Mairangi, 0603  
Tel: +27 (0) 343 8000  
Fax: +27 (0) 343 8009  
Private Bag 111  
Mairangi Park

SITE NAME:

T9513

BASE STATION NUMBER:

BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:

OWNER: JACO BROUWER TRUST

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

COORDINATES:

LAT: 28° 31' 55.00" S  
LONG: 30° 15' 17.80" E

PROJECT:

NEW 90m TELECOMMUNICATION BASESTATION  
WITH A 64m LATTICE MAST  
FOR MTN (PTY) LTD

ADDRESS:

OFF THE 165 TOWARDS ERMELO,  
ON RIGHT HAND SIDE.

INFRASTRUCTURE  
PLANNING SERVICES



414 Duikie Street  
Silverdale  
0184  
Tel: +27 (0) 864 18648  
Fax: +27 (0) 864 1072  
info@infrastructure.co.za

P.O. Box 2817  
Yorkland  
0134

REF. NO.:

155087

PROJECT NUMBER:

120189

DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE  
USED. DIRECTORS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT  
OF WORK.  
ALL WORK TO BE PERFORMED ACCORDING TO MTN 875 SITE  
INFRASTRUCTURE SPECIFICATION 800/1/001  
ISSUE 1 (REVISION 0 NOVEMBER 2007)

DRAWN: JAN MALAN

DATE: 30/11/2011

SCALE: NTS

REF. NO: 81278513

FACILITY ILLUSTRATION

9 OF 9

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



The Ward Councillor  
Msukaligwa Local Municipality  
Po Box 48  
Ermelo  
2350

Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road  
Slivertondale, 0184  
Pretoria

Attention: SE Vilakazi  
Councillor: Ward 18

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

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

Facsimile: +27 17 801-3851

Dear Sir / Madam,

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 14 IN REGULATION 386: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 6 OF THE FARM BLAAUWKOP 271 IT**

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

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

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

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

Kind Regards,

A handwritten signature in black ink, appearing to read "WA Van't Foort".

**WA VAN'T FOORT**

For: Torbious Solutions cc

**Comments:**

---

---

---

---

Destination	Start Time	Time	Prints	Result	Note
0178013851	06-15 09:35	00:02:45	010/010	OK	

Note THR: Timer TX, POL: Polling, ORG: Original Size Setting, FME: Frame Erase TX,  
 MIX: Mixed Original TX, CALL: Manual TX, CSRC: CSRC, FGD: Forward, PC: PC-Fax,  
 BND: Double-Sided Binding Direction, SO: Special Original, FCODE: F-code, RTX: Re-YX,  
 BLV: Relay, MBX: Confidential, BOL: 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:  
 T9513 / 17/2/3/GS-102

The Ward Councillor  
 Msukalligwa Local Municipality  
 P.O. Box 48  
 Ermelo  
 2350

Attention: SE Vilakazi  
 Councillor: Ward 18

Facsimile: +27 17 801-3851

Dear Sir / Madam,

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 14 IN REGULATION 388: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 6 OF THE FARM BLAAUWKOP 271 IT**

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: Torblouse Solutions cc

Comments:

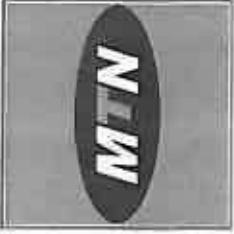
---



---



---



1291 Promenade Steiner  
 Midrand, Gauteng  
 16290  
 Tel: +27 (0) 21 542 2900  
 Fax: +27 (0) 21 542 2005  
 Website: www.mtn.com

SITE NAME:

T9513

BASE STATION NUMBER:

BLAAUKOP FARM

REV BY DESCRIPTION

A 30/11/2011 JM

NOTES:

OWNER: JACO GROBLER TRUST

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:

PORTION 8 OF THE FARM BLAAUKOP 271 IT

COORDINATES:

LAT: 26° 31' 55.00" S

LONG: 30° 15' 17.00" E

PROJECT:

NEW 800m TELECOMMUNICATION BASESTATION  
 WITH A 51m LATTICE MAST  
 FOR MTN (PTY) LTD

ADDRESS:

OFF THE T63 TOWARDS ERMELO,  
 ON RIGHT HAND SIDE.

INFRASTRUCTURE  
 PLANNING SERVICES



414 Bunkle Road  
 Silverdale  
 0184

Tel: +27 (0) 854 18046  
 Fax: +27 (0) 854 7072  
 www.ipsinfrastructure.co.za

P.O. Box 23517  
 Tlokweng  
 0134

RFQ NO.:

155087

PROJECT NUMBER:

120168

DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE  
 USED. DIMENSIONS TO BE PERFORMED BEFORE COMMENCEMENT  
 OF WORK.  
 ALL WORK TO BE PERFORMED ACCORDING TO MTN SITS SITE  
 INFRASTRUCTURE SPECIFICATION HD01/1001  
 ISSUE 1 (REVISION 0) NOVEMBER 2007

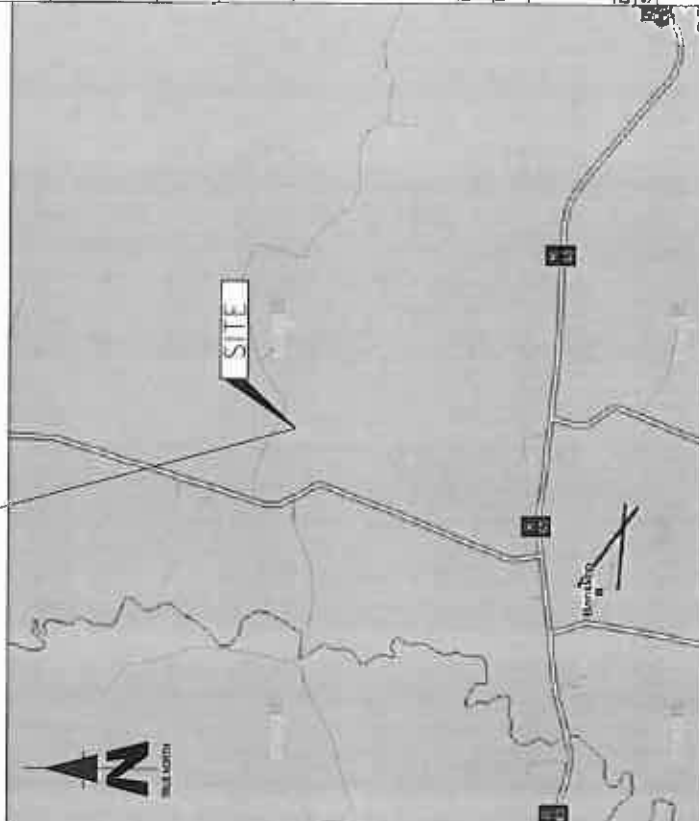
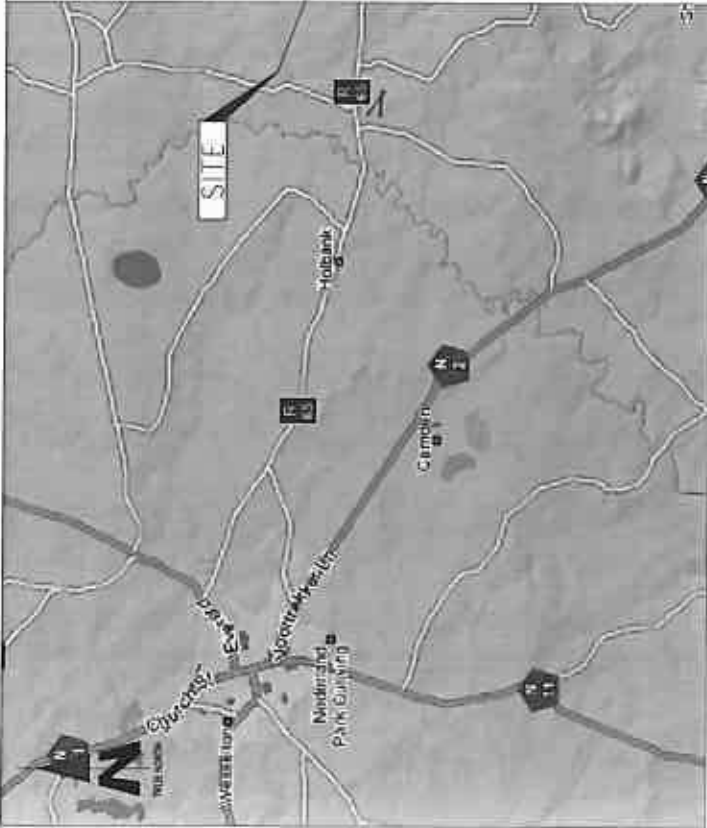
DRAWN: JAN MALAN

DATE: 30/11/2011

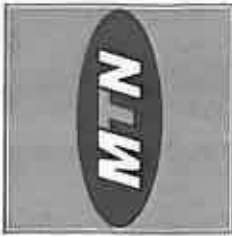
REF. NO: 812/T9513

LOCALITY MAP

SHEET 1 OF 9



6 S



1267 Pretoria Street  
Block 8, Houtboske Complex  
Midrand, 0908  
Tel: +27 (0) 343 2000  
Fax: +27 (0) 343 2000  
Private Bag 144  
Pretoria, 0001  
South Africa

BASE STATION NUMBER:  
**T9513**  
SITE NAME:  
**BLAAUKOP FARM**

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
OWNER: JACO GROBLER TRUST

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

COORDINATES:  
LAT: 26° 31' 55.00" S  
LONG: 30° 15' 17.80" E

PROJECT:  
NEW 98cm TELECOMMUNICATION BASESTATION  
WITH A 54m LATTICE MAST  
FOR MTN (PTY) LTD  
ADDRESS:  
OFF THE T85 TOWARDS ERMELO.  
ON RIGHT HAND SIDE



414 Public Road  
Shirleyville  
0181  
Tel: +27 (0) 84 18048  
Fax: +27 (0) 84 7072  
info@ipsi.co.za

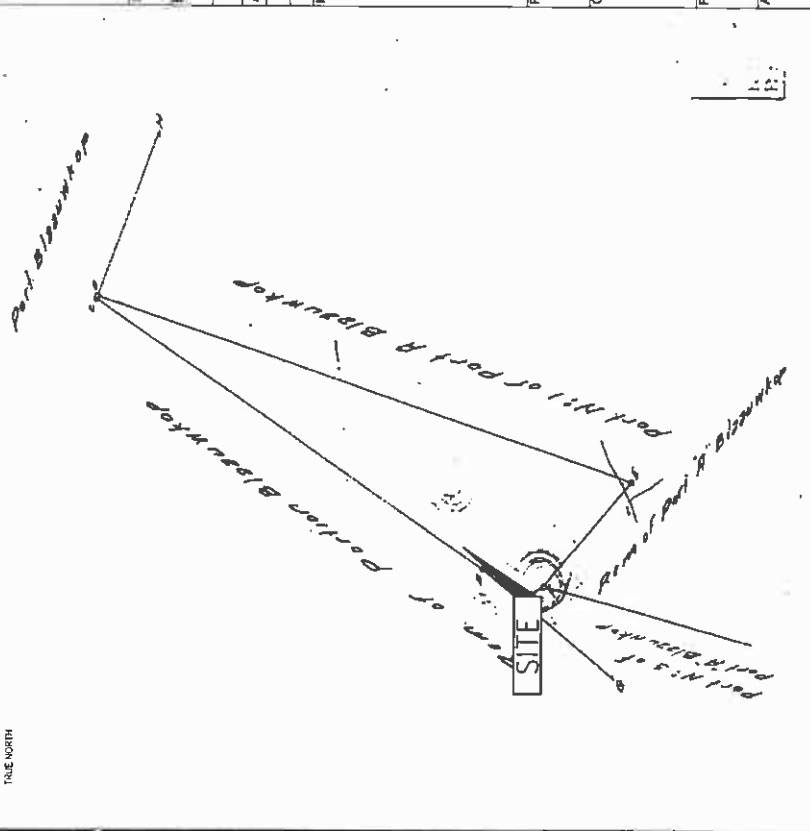
P.O. Box 38217  
Yorkland  
0154

RFD NO.: 155087  
PROJECT NUMBER:  
120189

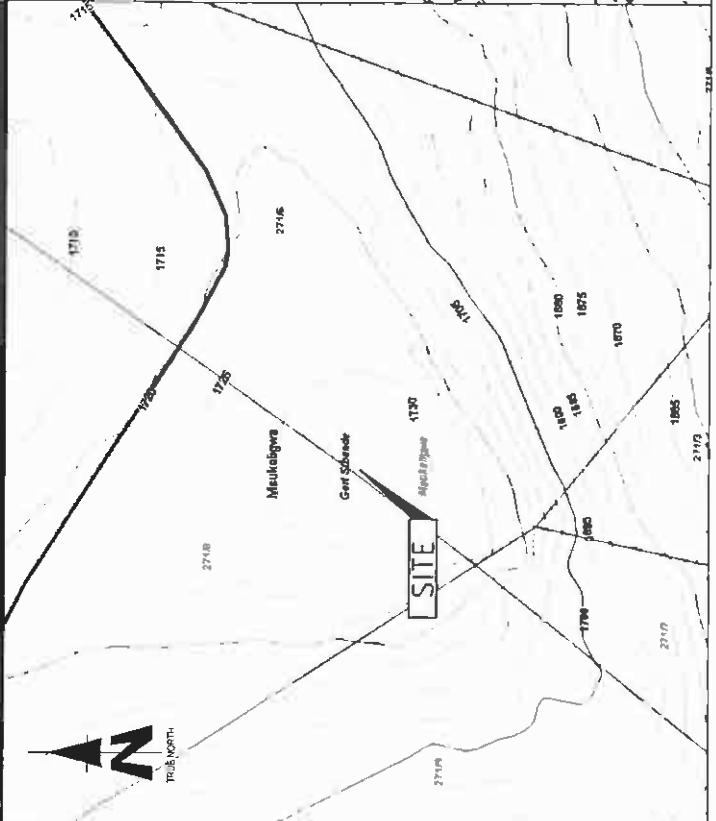
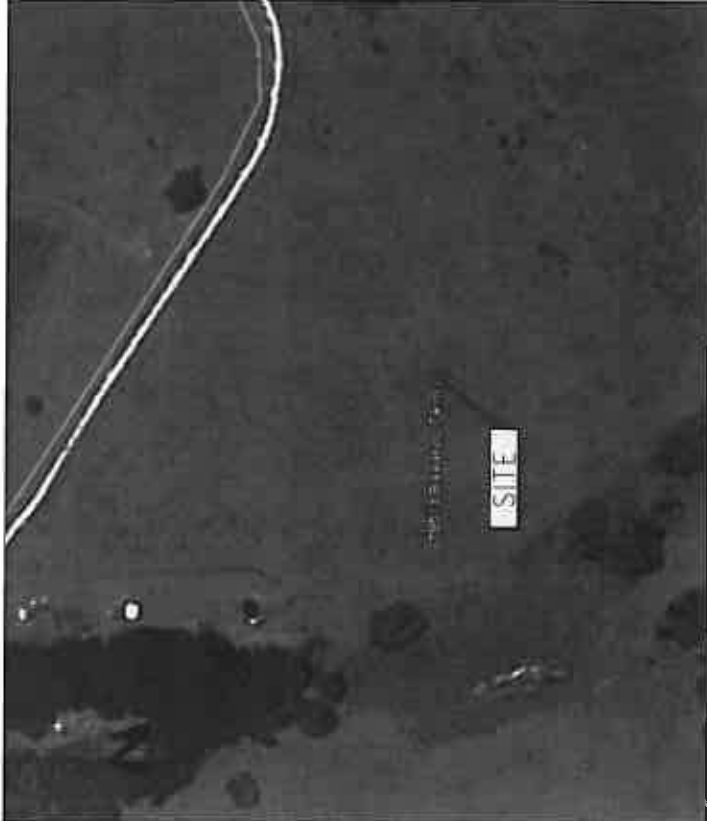
DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.  
ALL WORK TO BE PERFORMED ACCORDING TO ITR 815 BITE INFRASTRUCTURE SPECIFICATION (001/001) ISSUE 1 (REVISION 0) NOVEMBER 2007

DRAWN: JAN MALAN  
SCALE: NTS  
DATE: 30/11/2011  
REF. NO: 812TR813

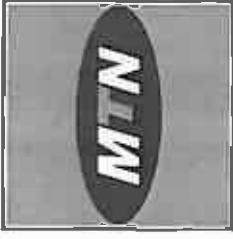
CADASTRAL INFO  
SHEET 2 OF 9



Approved  
*J. L. van der Stuurm*  
The horizontal data of the  
plan are sufficiently consistent.







1207 Pretorius Street  
 Block 8, Heidelberg Complex  
 Heidelberg, 0093  
 Tel: +27 (0) 21 542 2000  
 Fax: +27 (0) 21 542 2008  
 P.O. Box 32017  
 Johannesburg  
 2013

SITE NAME:

T9513

BASE STATION NUMBER:

BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:

OWNER: JACO GROBLER TRUST

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

COORDINATES:  
 LAT: 28° 31' 55.00" S  
 LONG: 30° 15' 17.80" E

PROJECT: NEW 990m TELECOMMUNICATION BASESTATION  
 WITH A 50m LATTICE MAST  
 FOR MTN (PT) LTD  
 ADDRESS: OFFICE 105 TOWARDS ERVELO,  
 ON RIGHT HAND SIDE.



414 Peka Road  
 Glenhazel  
 0181  
 Tel: +27 (0) 21 520 9000  
 Fax: +27 (0) 21 520 9009  
 info@ipsplanning.co.za

RFC NO.:

15-0087

PROJECT NUMBER:

120189

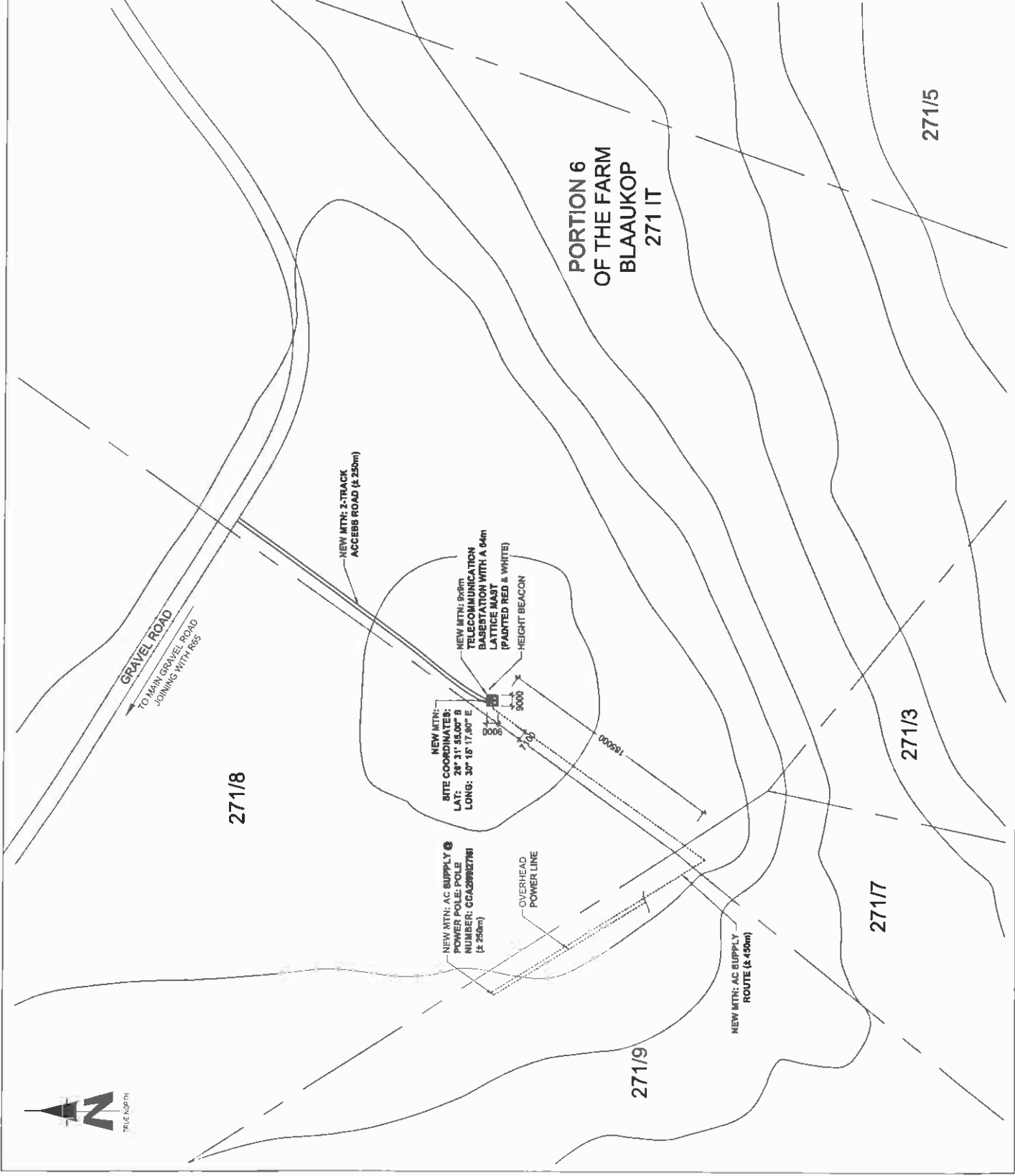
DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE  
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT  
 OF WORK.  
 ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE  
 INSTALLATION SPECIFICATIONS (ISSUE NUMBER 11/001)  
 ISSUE NUMBER 01/001

DRAWN: JAN MALAN

DATE: 30/11/2011

REF. NO: 812/78513

SITE DEVELOPMENT PLAN  
 SHEET 3 OF 9



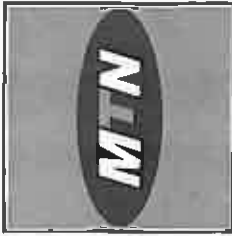
271/8

271/9

271/7

271/3

271/5



1287 Pretorius Street  
 Block 8, Hardside Complex  
 Harare 2000  
 Tel: +27 (0) 945 545 545  
 Fax: +27 (0) 945 520 800  
 Harare 2000

**SITE NAME:**  
 T9513  
**BASE STATION NUMBER:**  
 BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

**NOTES:**  
 OWNER: JACO GROBLER TRUST

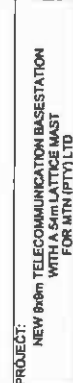
**PROPERTY DESCRIPTION:**  
 STRICTLY COMPANY CONFIDENTIAL  
 PORTION 6 OF THE FARM BLAAUKOP 271 IT

**COORDINATES:**  
 LAT: 28° 31' 55.00" S  
 LONG: 30° 15' 17.80" E

**PROJECT:**  
 NEW 64m TELECOMMUNICATION BASESTATION  
 WITH A 54m LATTICE MAST  
 FOR MTN (PTY) LTD

**ADDRESS:**  
 OFF THE 165 TOWARDS ERWELO,  
 ON RIGHT HAND SIDE.

**INFRASTRUCTURE PLANNING SERVICES**



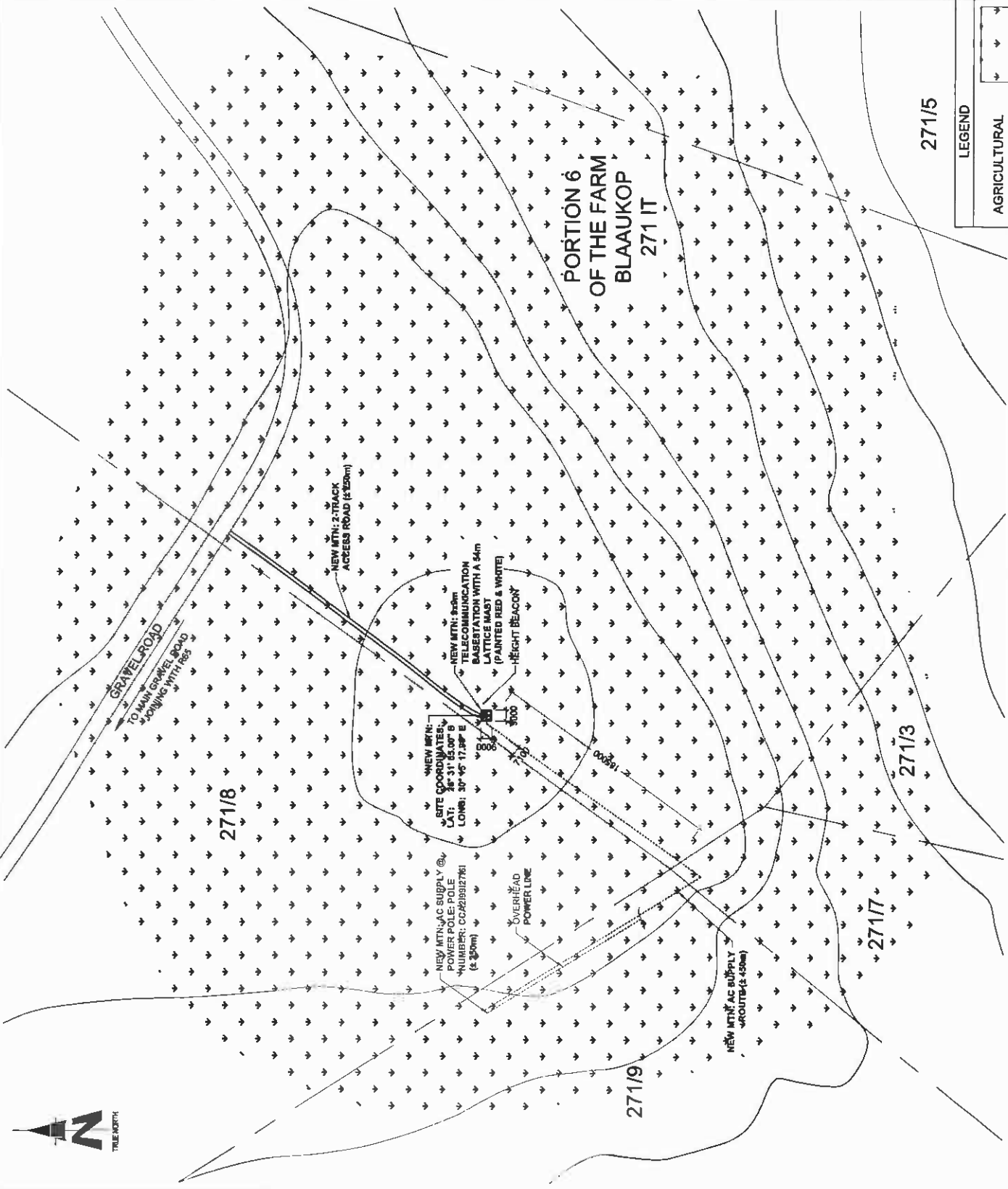
414 Quaker Street  
 Silverdale  
 018  
 Tel: +27 (0) 854 18048  
 Fax: +27 (0) 854 7077  
 info@ipsplanning.co.za

**PROJECT NUMBER:**  
 159087  
 120189

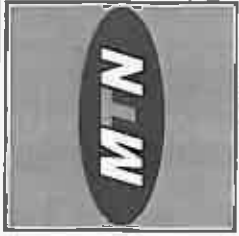
**DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.**  
 ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION 80011001  
 ISSUE 1 (FEBRUARY 2007)

**DRAWN:** JAN MULLAN  
**DATE:** 30/11/2011  
**SCALE:** 1:3000  
**REF. NO.:** 8127B513

**CURRENT LAND USE**  
 SHEET 4 OF 9



LEGEND	271/5
AGRICULTURAL	



1241 Pekaia Street  
 Hillside, Durban  
 4013  
 T: +27 (0) 31 562 7800  
 F: +27 (0) 31 562 7815  
 M: +27 (0) 31 562 7828  
 www.mtn.co.za

SITE NAME: T9513  
 BASE STATION NUMBER: T9513  
 BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
 OWNER: JACO DROMLER TRUST

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

COORDINATES:  
 LAT: 29° 31' 55.00" S  
 LONG: 30° 15' 17.80" E

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

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

INFRASTRUCTURE  
 PLANNING SERVICES



444 Durban Street  
 Sandtonville  
 Durban  
 4014  
 T: +27 (0) 31 804 1804  
 F: +27 (0) 31 804 7072  
 www.infrastructure.co.za

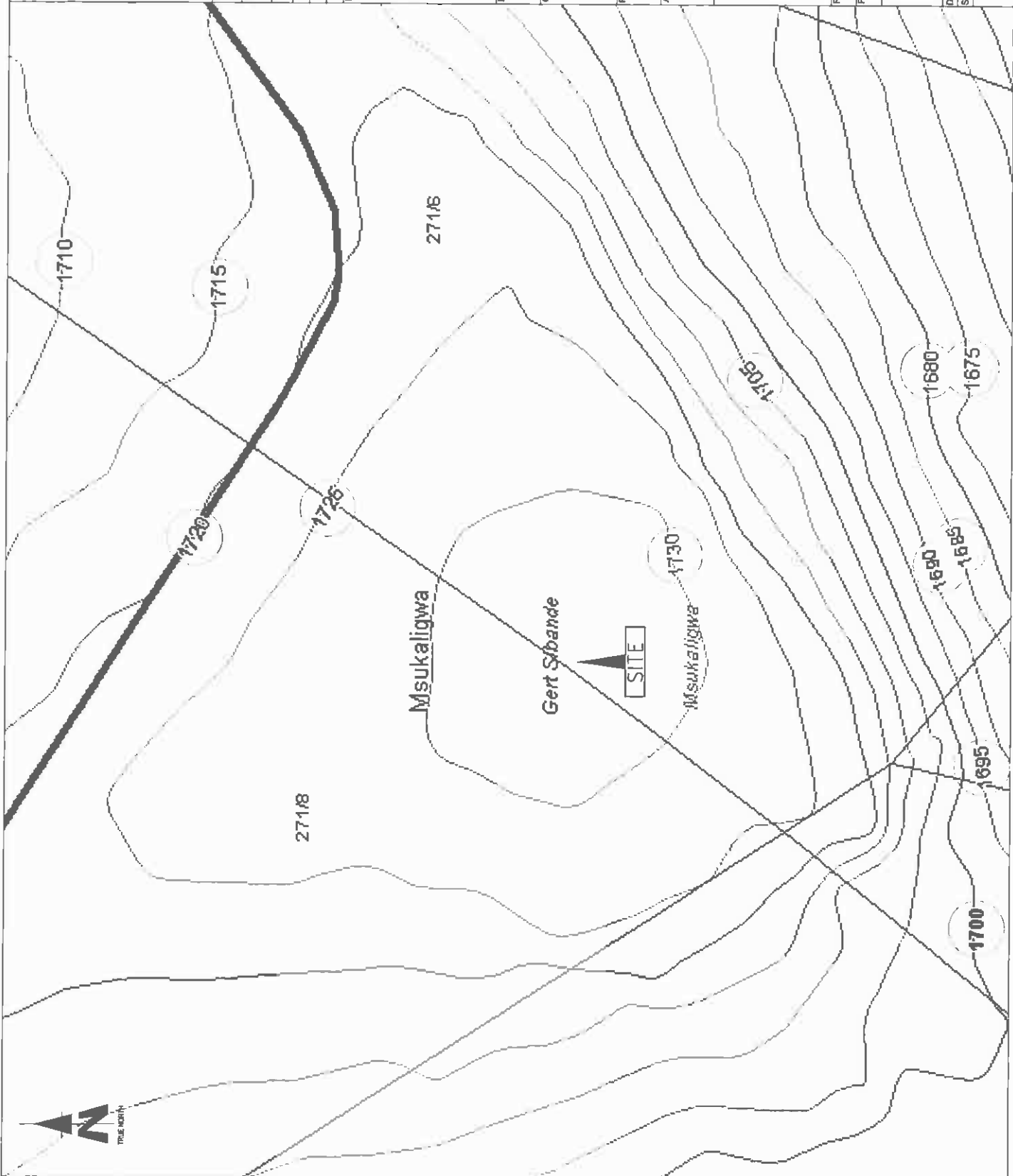
P.O. Box 20017  
 T: +27 (0) 31 804 1804  
 F: +27 (0) 31 804 7072  
 www.infrastructure.co.za

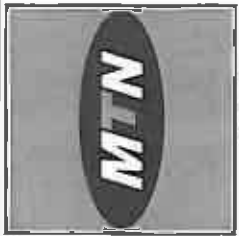
RFC NO.: 155087  
 PROJECT NUMBER: 120189

DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.  
 ALL WORK TO BE PERFORMED ACCORDING TO MTN ITS SITE INFRASTRUCTURE SPECIFICATION (RS01/100) ISSUE 1, REVISION 0 (NOVEMBER 2007)

DRAWN: JAN MALAN  
 SCALE: NTS  
 DATE: 30/11/2011  
 REF. NO.: 812/18513

CONTOUR INTERVAL SHEET  
 5 OF 9





1997 Pictorial Map of  
Block 8, Middelburg Complex  
Municipality: OORB  
The 1:50 000 (1:100 000) Scale  
Pictorial Map of  
Municipality: OORB

**SITE NAME:**  
T9513  
**BASE STATION NUMBER:**  
BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

**NOTES:**  
OWNER: JACO DROEBLER TRUST

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

**COORDINATES:**  
LAT: 28° 31' 55.00" S  
LONG: 30° 15' 17.90" E

**PROJECT:**  
NEW 90m TELECOMMUNICATION BASESTATION  
WITH A 64m LATTICE MAST  
FOR MTN (PTY) LTD  
**ADDRESS:**  
OFF THE 1065 TOWARDS ERMELO.  
ON RIGHT HAND SIDE.

**INFRASTRUCTURE PLANNING SERVICES**

414 Duik-Doel  
Bitterveld  
0184  
Tel: +27 (11) 864 1948  
Fax: +27 (11) 804 7072  
info@ipsplan.co.za

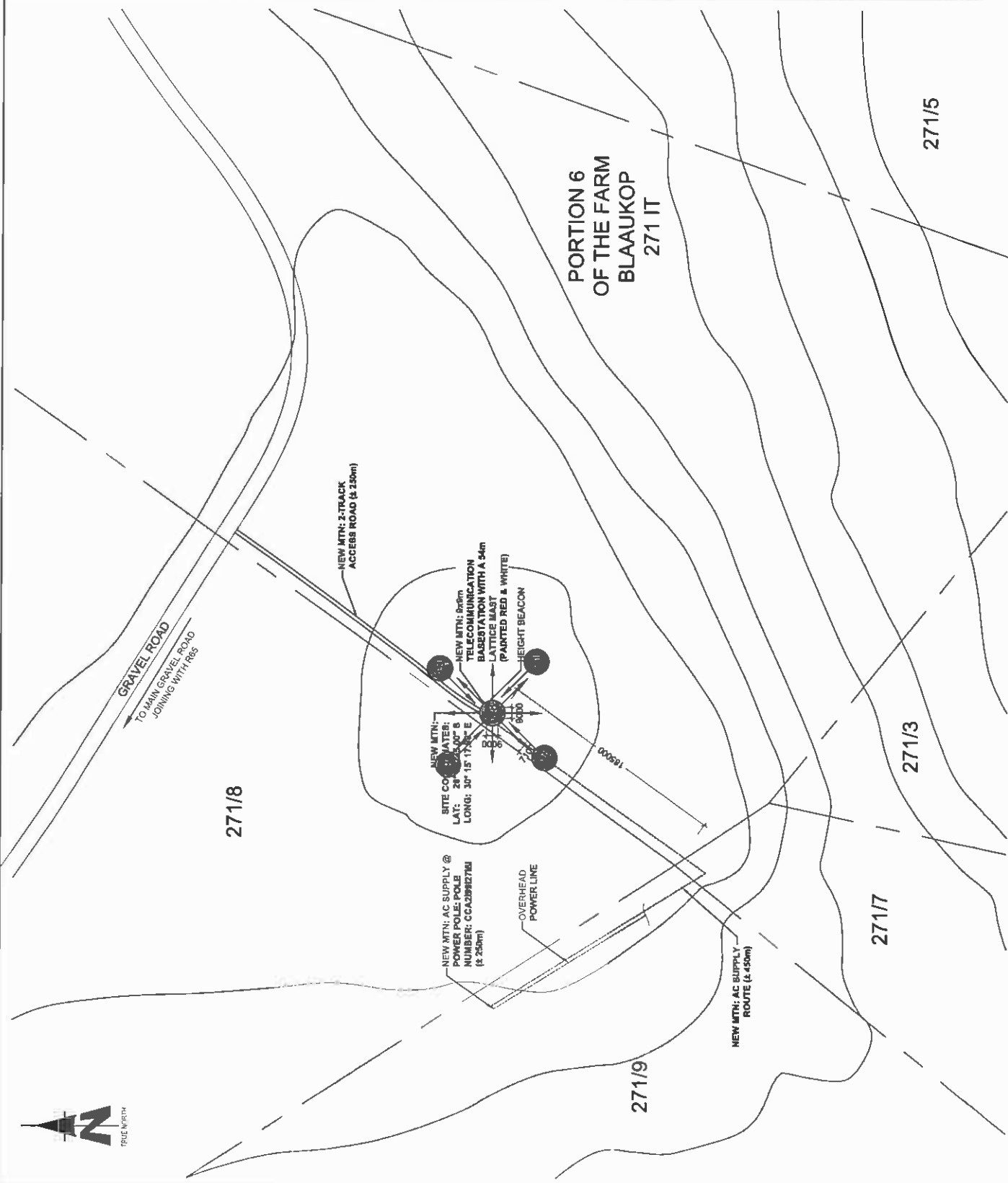
P.O. Box 20317  
Tolworth  
0154

**RFO NO.:**  
155087  
**PROJECT NUMBER:**  
120189

**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 (MST1100) ISSUE 1 (REVISION 0) NOVEMBER 2007

**DRAWN:** JAM MALAN  
**DATE:** 30/11/2011  
**SCALE:** 1:2000  
**REF. NO.:** B12/T9513

**SITE PHOTOGRAPHS**  
SHEET 6 OF 9



271/5

PORTION 6  
OF THE FARM  
BLAAUKOP  
271 IT

271/3

271/7

271/9

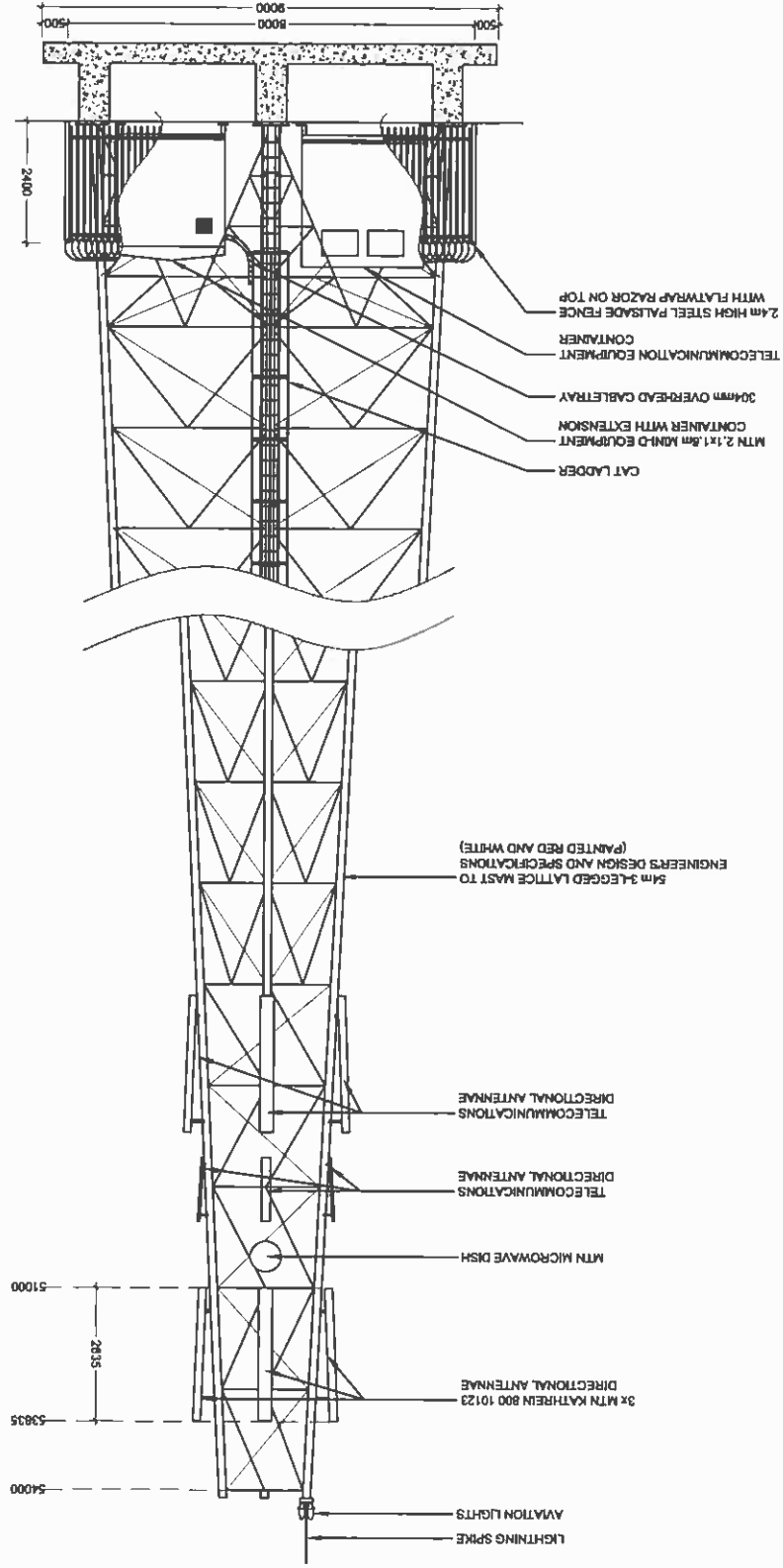
271/8





**MTN ANTENNAE KEY**

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	K60010123	51			7/8"	± 56
2	120°	K60010123	51			7/8"	± 56
3	240°	K60010123	51			7/8"	± 56



411 Roubid Road  
Midrand 2008  
Tel: +27 (0)11 854 1808  
Fax: +27 (0)11 854 7072  
www.infraip.com  
info@infraip.com

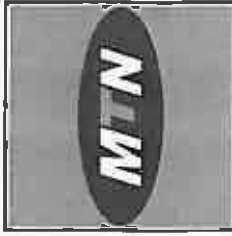
P.O. Box 32017  
Tolworth  
10154

PROJECT NUMBER:  
150087  
120189

DRAWINGS MUST BE SCALED. ONLY THE 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 80011001  
ISSUE 1 REVISION 11 NOVEMBER 2007

DRAWN: JAN MALAN  
DATE: 30/11/2011  
REF. NO: 812/T9513

SOUTH ELEVATION  
SHEET 8 OF 9



1507 P. Pretorius  
1507 P. Pretorius  
1507 P. Pretorius  
1507 P. Pretorius  
1507 P. Pretorius

SITE NAME:  
T9513

BASE STATION NUMBER:  
BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
OWNER: JACO GROBLER TRUST

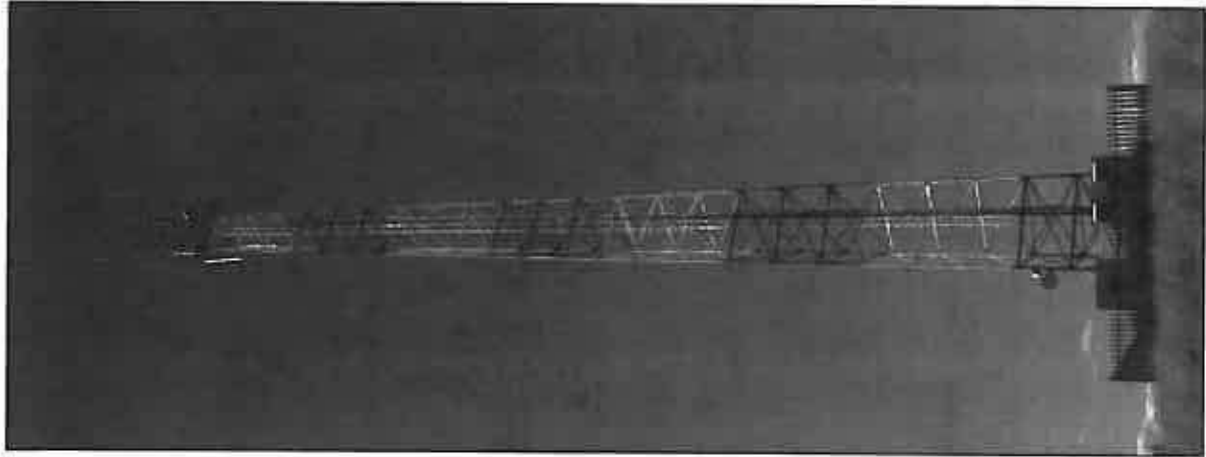
STRICTLY COMPANY CONFIDENTIAL  
PROPERTY DESCRIPTION:  
PORTION 6 OF THE FARM BLAAUKOP 271 IT

COORDINATES:  
LAT: 26° 31' 55.00" S  
LONG: 30° 15' 17.80" E

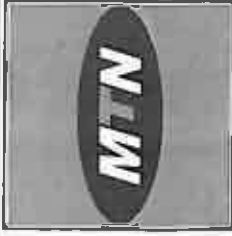
PROJECT:  
NEW 940m TELECOMMUNICATION BASESTATION  
WITH A 54m LATTICE MAST  
FOR MTN (PTY) LTD

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

PROPOSED



TYPICAL LATTICE MAST  
(PAINTED RED & WHITE)



1387 Pekaubele Street  
Block B, Marabastad Complex  
Halfway, 0183  
Tel: +27 (0) 845 8900  
Fax: +27 (0) 844 8000  
Private Bag 3115  
Marabastad

SITE NAME:

T9513

BASE STATION NUMBER:  
BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/1/2011	JM	

NOTES:  
OWNER: JACO OROBLER TRUST

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

COORDINATES:  
LAT: 28° 31' 55.00" S  
LONG: 30° 15' 17.90" E

PROJECT:  
NEW 940m TELECOMMUNICATION BASESTATION  
WITH A 54m LATTICE MAST  
FOR MTN (PTY) LTD

ADDRESS:  
OFF THE T85 TOWARDS ERMELO.  
ON RIGHT HAND SIDE.



448 Bunkle Street  
Blenheimville  
0184  
Tel: +27 (0) 804 19048  
Fax: +27 (0) 804 7972  
www.ipsinfra.com  
P O Box 23017  
Tolworth  
0154

RFQ NO.:

155087

PROJECT NUMBER:

120109

DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED BEFORE COMMENCEMENT OF WORK.  
ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION 1901/1001.  
ISSUE 1 REVISION 01 DECEMBER 2007

DRAWN: JAN MALAN

DATE: 30/1/2011

SCALE: NTS

REF. NO: 812/19513

FACILITY ILLUSTRATION

9 OF 9

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

7 June 2012

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

Attention: Mr D V Ngcobo

Environmental Management Section

Facsimile: +27 17 811 1207

Dear Sir / Madam,

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (BB), (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 6 OF THE FARM BLAAUWKOP 271 IT**

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

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

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

Kind Regards,



**WA VAN'T FOORT**

For: Torbious Solutions cc

**Comments:**

---

---

---

---



Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road  
Silvertondale, 0184  
Pretoria

Tel: (012) 804 1504/ 6

Fax: (012) 804 7072

e-mail: admin@torbiousolutions.co.za



Destination	Start Time	Time	Prints	Result	Note
0178111207	06-15 09:29	00:02:24	010/010	OK	

Note TMR: Timer TX, POL: Polling, ORG: Original Size Setting, FME: Frame Erase TX,  
 MIX: Mixed Original TX, CALL: Manual TX, CSRC: CSRC, FWD: Forward, PC: PC-Fax,  
 BND: Double-Sided Binding Direction, SD: Special Original, FCODE: F-code, RTX: Re-TX,  
 RLV: Relay, MBX: Confidential, BOL: 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:  
 T0513 / 17/2/3 GS-102

7 June 2012

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

Attention: Mr D V Ngcobo

Environmental Management Section

Facsimile: +27 17 811 1207

Dear Sir / Madam,

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (BB), (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 6 OF THE FARM BLAAUWKOP 271 IT**

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:

---



---



---



Reg. No. 2001/080535/23

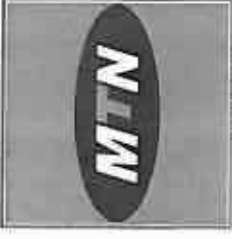
PO Box 22017, Totiusdal, 0134

414 Rustic Road  
 Silvertondale, 0184  
 Pretoria

Tel: (012) 504 1804/ 8

Fax: (012) 504 7072

e-mail: admin@torblousesolutions.co.za



1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

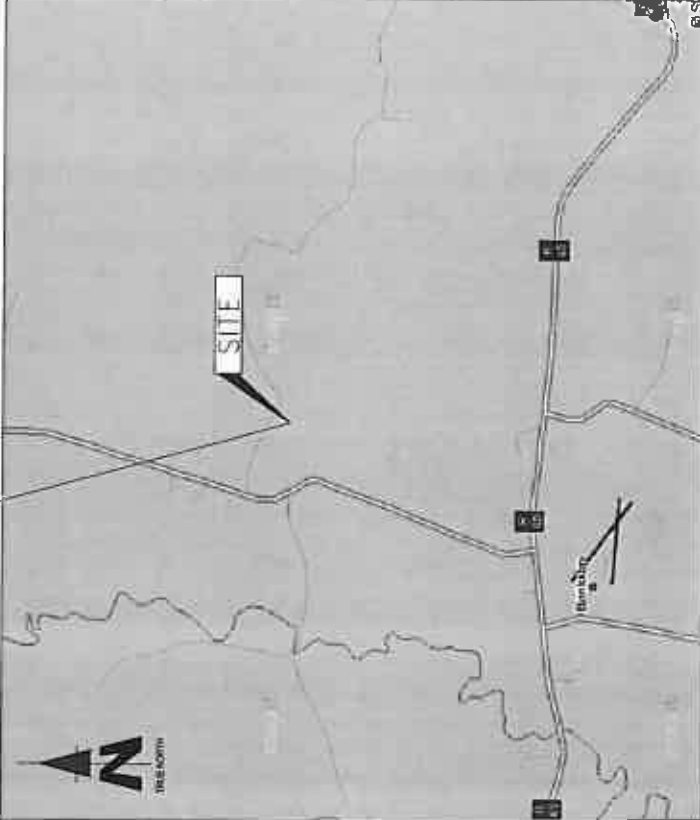
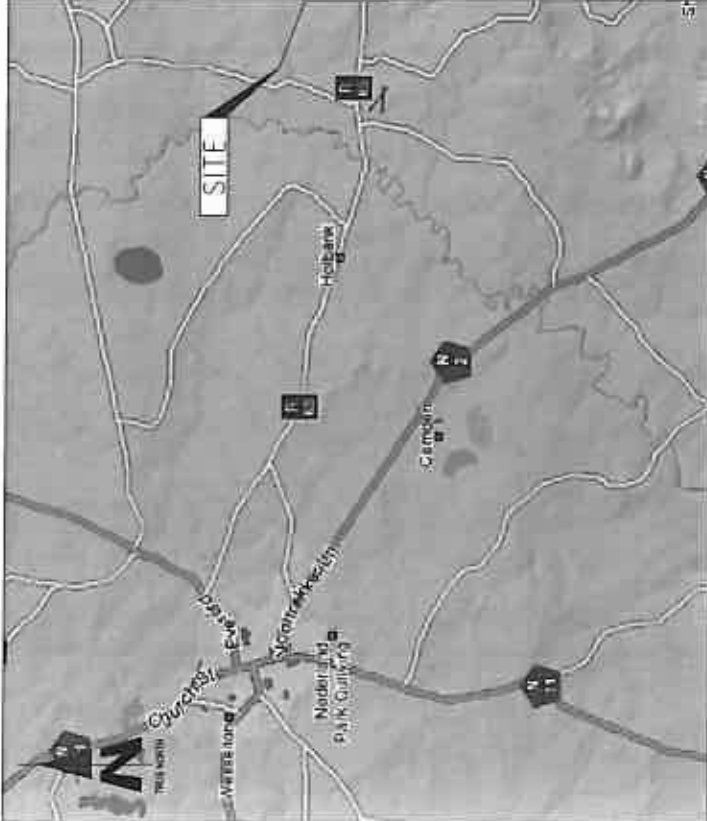
1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

1201 Pretorius Street  
 Maitland, 7530  
 Tel: +27 (0)11 252 7000  
 Fax: +27 (0)11 252 7015  
 www.mtn.com

T9513  
 BLAAUKOP FARM



STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:  
 PORTION 6 OF THE FARM BLAAUKOP 271 IT

COORDINATES:

LAT: 29° 31' 55.00" S

LONG: 30° 15' 17.90" E

PROJECT:

NEW 8x8m TELECOMMUNICATION BASESTATION  
 WITH A 54m LATTICE MAST  
 FOR MTN (PTY) LTD

ADDRESS:

OFF THE T65 TOWARDS ERMELO.  
 ON RIGHT HAND SIDE.

INFRASTRUCTURE  
 PLANNING SERVICES



414 Orange Street  
 Grahamstown  
 6134  
 Tel: +27 (0)27 884 1848  
 Fax: +27 (0)27 884 7072  
 info@ipsinfra.com

PROJECT NUMBER:

120189

SCALE: NTS

DATE: 30/11/2011

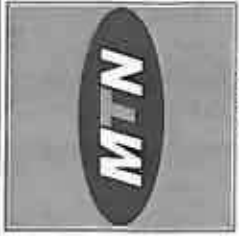
REF. NO: B12/T8513

DRAWN: JAN MALAN

LOCALITY MAP

SHEET 1 OF 9

DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE  
 USED. DIMENSIONS TO BE USED PRIOR TO COMMENCEMENT  
 OF WORK.  
 ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE  
 INFRASTRUCTURE SPECIFICATION 8401/101  
 ISSUE 1 (REVISION 6) NOVEMBER 2007



1987 Pheasant Run  
Blacks & White  
Maitland, 6033  
Tel: 0717114111  
Fax: 0717114111  
www.mtn.co.za

PROJECT NUMBER: T9513

PROPERTY NAME: BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
OWNER: JACO GROBLER TRUST

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:  
PORTION 6 OF THE FARM BLAAUKOP 271 IT

COORDINATES:  
LAT: 29° 31' 55.00" S  
LONG: 30° 15' 17.90" E

PROJECT:  
NEW 80cm TELECOMMUNICATION BASESTATION  
WITH A 54m LATTICE MAST  
FOR MTN (PTY) LTD

ADDRESS:  
OFF THE T85 TOWARDS ERVELO,  
ON RIGHT HAND SIDE.

INFRASTRUCTURE  
PLANNING SERVICES

414 Bunkle Road  
Blairgowrie  
6164  
Tel: +27 (0) 21 954 5848  
Fax: +27 (0) 21 954 7072  
www.infrastructure.co.za

P.O. Box 20017  
Tolworth  
7114

RFO NO.: 155007

PROJECT NUMBER:  
120158

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

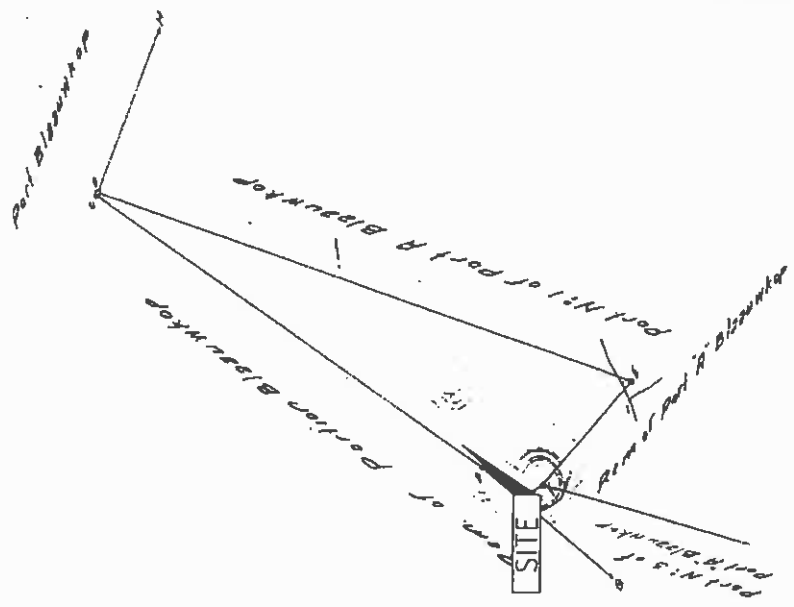
ALL WORK TO BE PERFORMED ACCORDING TO MTN 875 SITE INFRASTRUCTURE SPECIFICATION 06/11/07

ISSUE 1 (REVISED 10 NOVEMBER 2007)

DRAWN: JAM MALAN  
SCALE: NTS

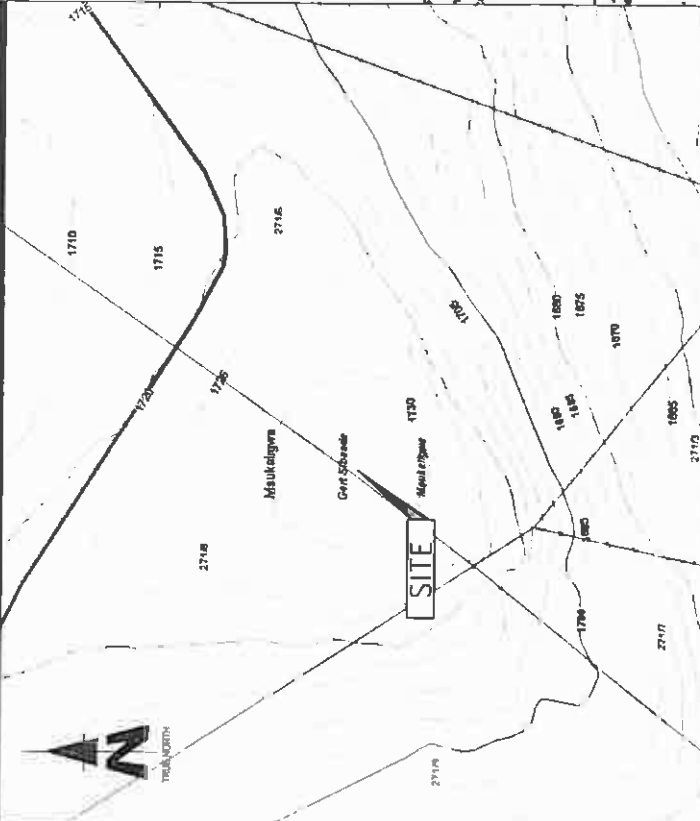
DATE: 30/11/2011  
REF. NO: 81278513

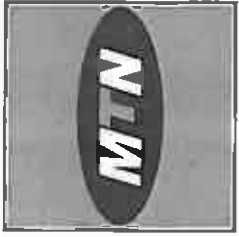
CADASTRAL INFO  
SHEET 2 OF 9



The above Figure lettered A B C D E F G H I J K L M N O P Q R S T U V W X Y Z is a plan of 16.98 aches of land, being Portion 6 of Portion Blaauwkop N° 22, 7th Morgen 540 Square Rods of land, being Portion 6 of Portion Blaauwkop N° 22, framed by Surveyor S T Erskine to Deed of Transfer No. 7488/04 dated 19.8.04 made in favour of M U Grobler in the District of Simon's Ward Ameliorium Province of T. M. Birschbally Surveyor and have been surveyed in MAY 1919

Examined. The dimensions of this plan are sufficiently constant.  
T. Lawrence & Stewart  
Approved  
J. J. Malan





057 Pheasant Road  
 Block B, Hardsolva Complex  
 Hardsolva, 0083  
 Tel: +27 (0) 11 472 9000  
 Fax: +27 (0) 11 472 9008  
 P.O. Box 32017  
 Midrand, 1619  
 Morningside Park

SITE NAME: T9513  
 BASE STATION NUMBER:  
**BLAAUKOP FARM**

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
 OWNER: JACO DROEBLER TRUST

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:  
 PORTION 6 OF THE FARM BLAAUKOP 271 IT

COORDINATES:  
 LAT: 28° 31' 55.00" S  
 LONG: 30° 15' 17.90" E

PROJECT:  
 NEW 9x6m TELECOMMUNICATION BASESTATION  
 WITH A 51m LATTICE MAST  
 FOR MTN (PTY) LTD

ADDRESS:  
 OFF THE R65 TOWARDS ERMELO.  
 ON RIGHT HAND SIDE.

INFRASTRUCTURE  
 PLANNING SERVICES



414 Duik Road  
 Blydenburg  
 0184  
 Tel: +27 (0) 94 19406  
 Fax: +27 (0) 94 7072  
 www.ipsinfra.com

P.O. Box 32017  
 Midrand  
 0114

RFQ NO:  
 155087

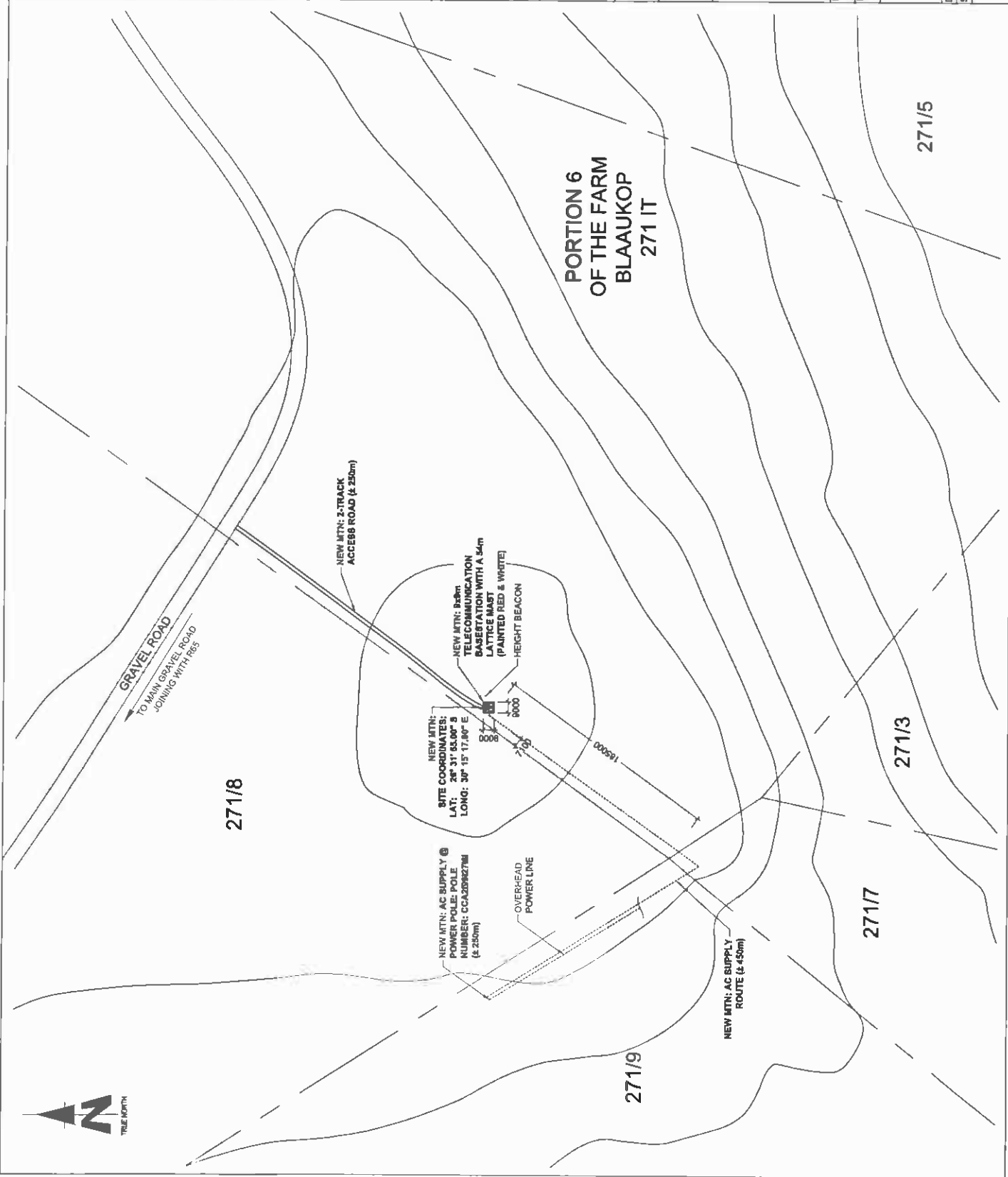
PROJECT NUMBER:  
 120168

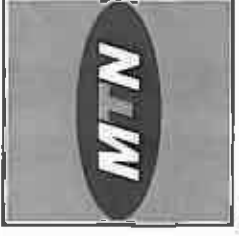
DRAWN: JAN MALAN  
 SCALE: 1:3000

DATE: 30/11/2011  
 REF. NO: 81279513

SITE DEVELOPMENT PLAN  
 SHEET 3 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 BTS SITE INFRASTRUCTURE SPECIFICATION (R001/001) ISSUE 1 (REVISION 0) NOVEMBER 2007





1907 Pretoria Street  
 2028 B. Boksbaai, Capetown  
 Western Cape  
 Tel: +27 (0) 21 543 2800  
 Fax: +27 (0) 21 543 2800  
 Private Bag 215  
 Maitland Park

SITE NAME:  
**T9513**

BASE STATION NUMBER:  
**BLAAUKOP FARM**

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
 OWNER: JACO GROBLER TRUST

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

COORDINATES:  
 LAT: 28° 31' 55.00" S  
 LONG: 30° 15' 17.00" E

PROJECT:  
 NEW 8x8m TELECOMMUNICATION BASE STATION WITH A 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:  
 OFFICE HAS TOWARDS ERMELO.  
 ON RIGHT HAND SIDE.



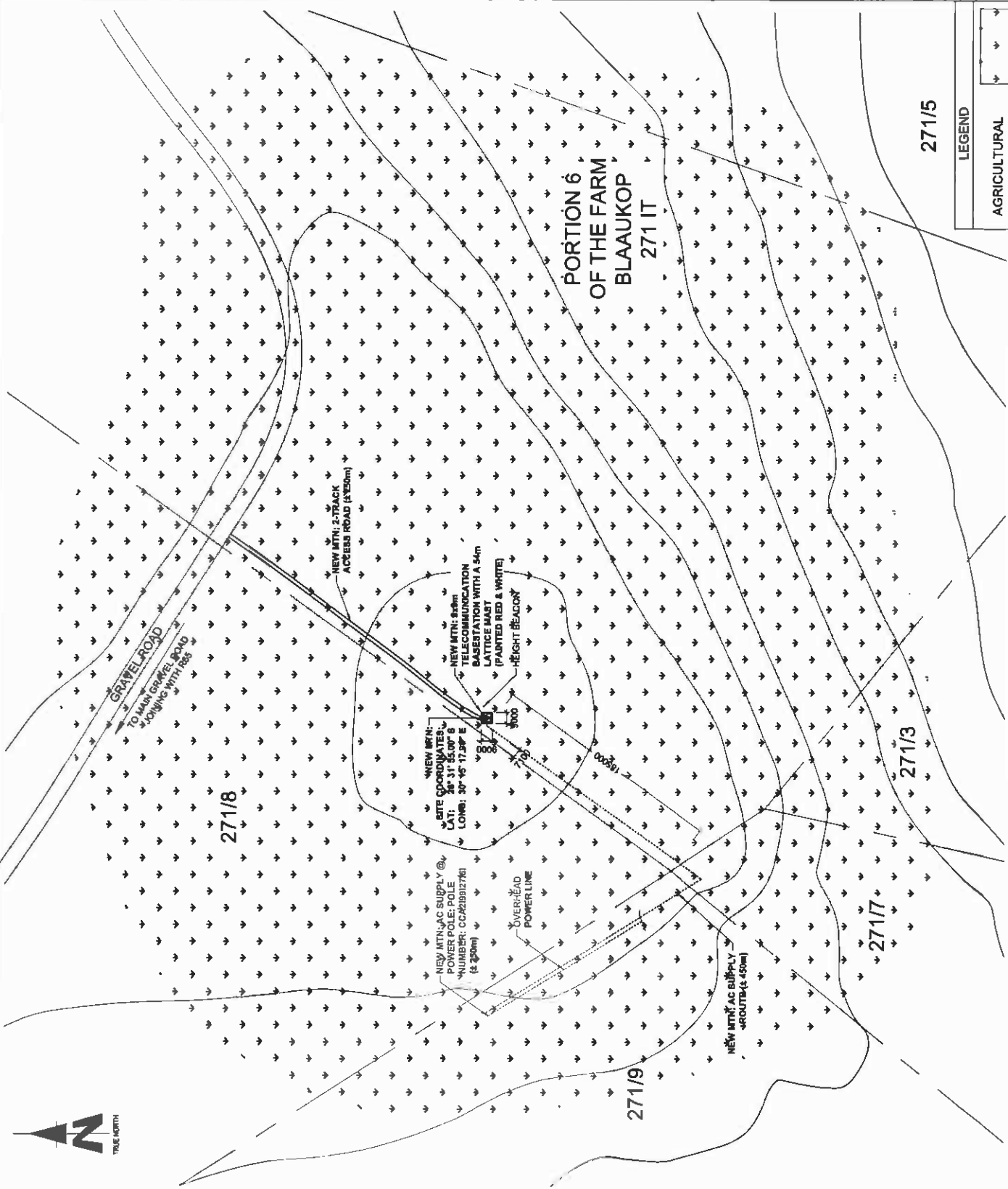
414 Ruyter Road  
 Silverdale  
 0164  
 Tel: +27 (0) 864 13049  
 Fax: +27 (0) 864 1072  
 Email: info@ipsi.co.za

RFD NO.: 155067  
 PROJECT NUMBER:  
 120189

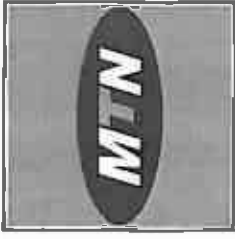
DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.  
 ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INSTALLATION MANUAL (IMD)  
 ISSUE 1 (REVISED 10 NOVEMBER 2007)

DRAWN: JANI MALAN  
 SCALE: 1:3000  
 DATE: 30/11/2011  
 REF. NO: 812/T9513

CURRENT LAND USE  
 SHEET 4 OF 9



LEGEND
AGRICULTURAL



1283 Pindarob Street  
 Block 8, Nonsuchville Campus  
 Nelspruit, 0983  
 T: +27 (0) 11 543 2000  
 F: +27 (0) 11 543 2000  
 P.O. Box 2017  
 Tlokweng  
 0154

SITE NAME: T9513

BASE STATION NUMBER:  
 BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
 OWNER: JACO OROBILER TRUST

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

COORDINATES:  
 LAT: 26° 31' 55.00" S  
 LONG: 30° 15' 17.80" E

PROJECT:  
 NEW 8x8m TELECOMMUNICATION BASESTATION  
 WITH A 54m LATTICE MAST  
 FOR MTN (PTY) LTD  
 ADDRESS:  
 OFF THE T65 TOWARDS ERMELO,  
 ON RIGHT HAND SIDE.



414 Bank Road  
 Silverdale  
 0164  
 T: +27 (0) 800 19048  
 F: +27 (0) 800 1072  
 www.ipsafrica.co.za

P.O. Box 2017  
 Tlokweng  
 0154

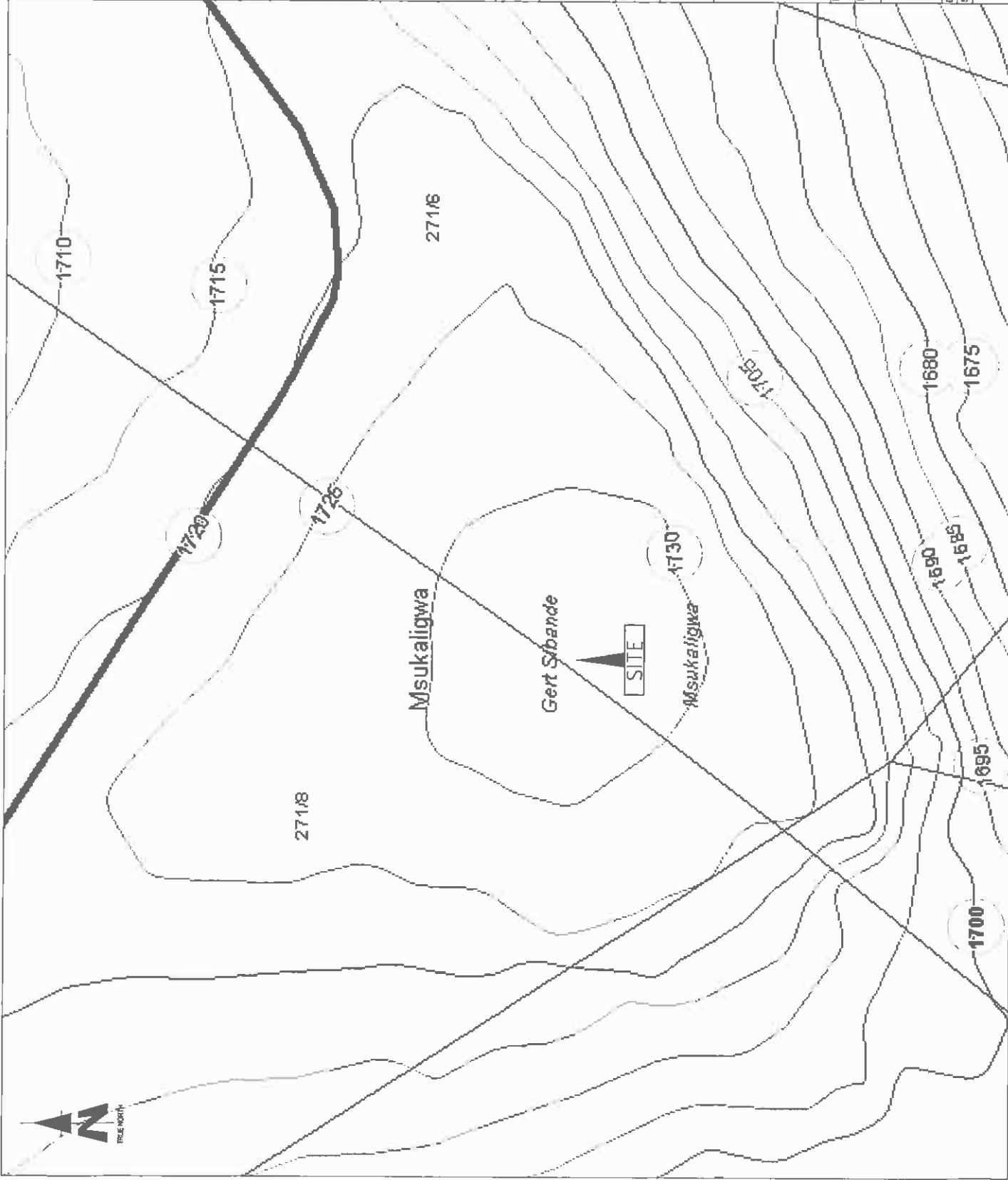
RFD NO.: 155087

PROJECT NUMBER:  
 120189

DRAWN: JAN MALAN  
 DATE: 30/11/2011  
 REF. NO: 81278513

SCALE: NTS

CONTOUR INTERVALSHEET  
 5 OF 9



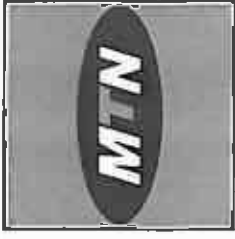
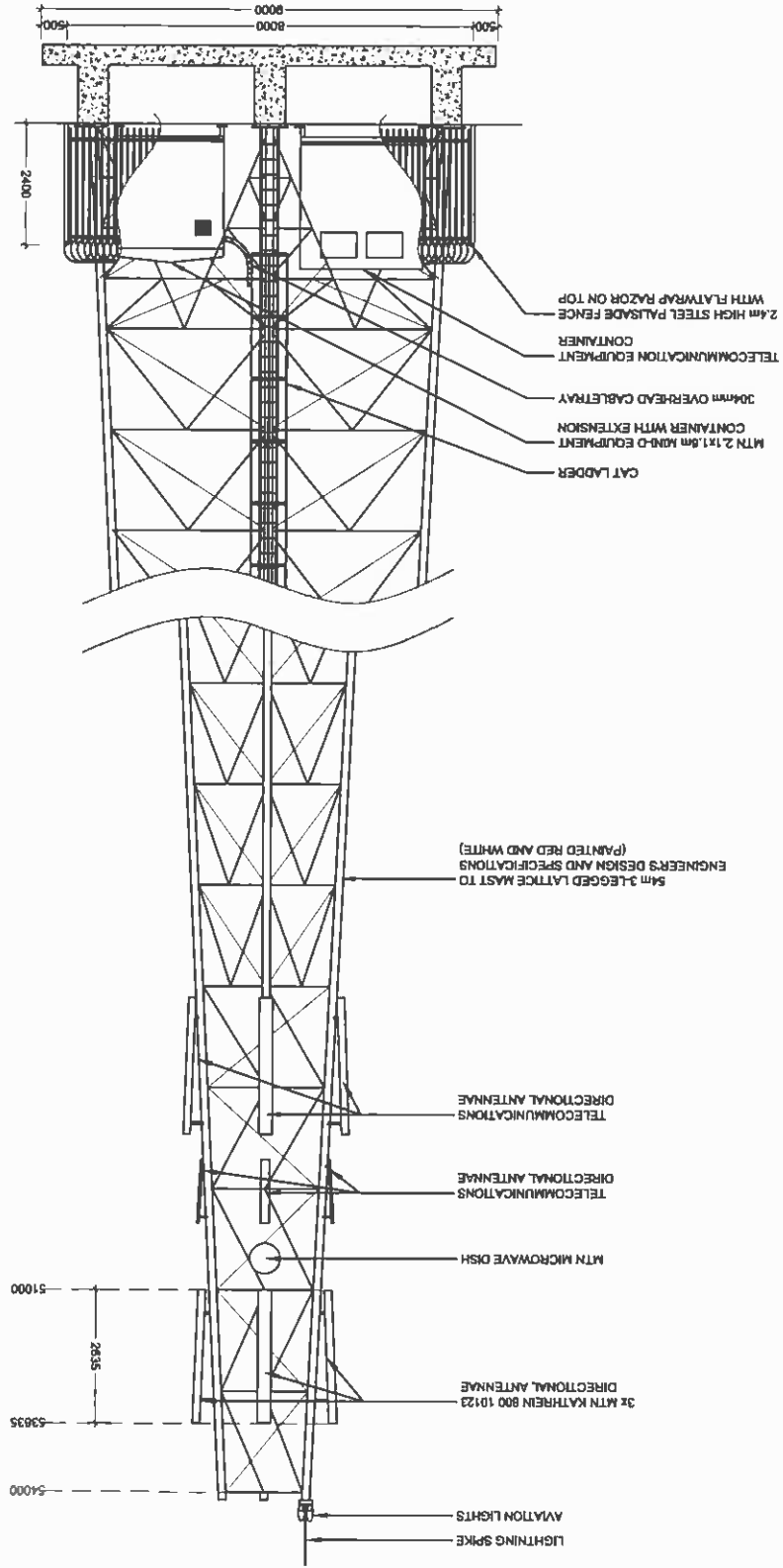






**MTN ANTENNAE KEY**

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	K80010123	51			7/8"	±.56
2	120°	K80010123	51			7/8"	±.56
3	240°	K80010123	51			7/8"	±.56



1871 Pekaia Road,  
Block 8, Havelock Complex  
Havelock, 0803  
Tel: +27 (0) 344 2800  
Fax: +27 (0) 344 2000  
Private Bag 112  
Marino Park

**SITE NAME:**  
T9513  
**BASE STATION NUMBER:**  
BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

**NOTES:**  
OWNER: JACO GROBLER TRUST

**PROPERTY DESCRIPTION:**  
PORTION 8 OF THE FARM BLAAUKOP 271 IT

**COORDINATES:**  
LAT: 29° 31' 55.00" S  
LONG: 30° 15' 17.80" E

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

**ADDRESS:**  
OFF THE R85 TOWARDS ERWELDO,  
ON RIGHT HAND SIDE.

**INFRASTRUCTURE PLANNING SERVICES**

**IPS**

414 Duik Road,  
Shirazville  
0184  
Tel: +27 (0) 804 18048  
Fax: +27 (0) 804 7072  
info@ipsplanning.co.za

P.O. Bag 32017  
Lekkerwilg  
0154

**RFD NO.:**  
185087

**PROJECT NUMBER:**  
120189

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

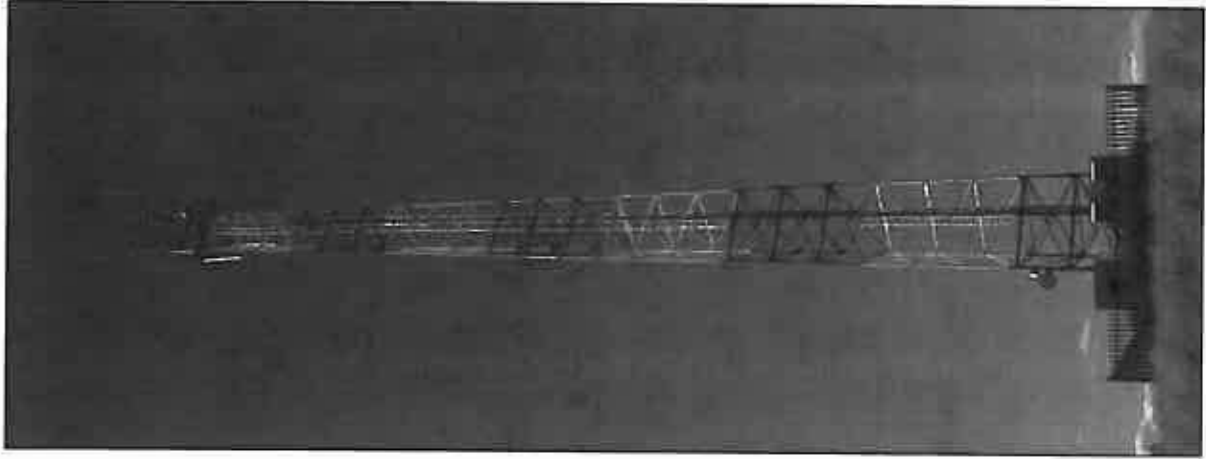
**ALL WORK TO BE PERFORMED ACCORDING TO MTN ITS SITE INFRASTRUCTURE SPECIFICATION 9801/0811 ISSUE 1 (REVISION NUMBER 2007)**

**DRAWN:** JAN MALAN  
**SCALE:** 1:100

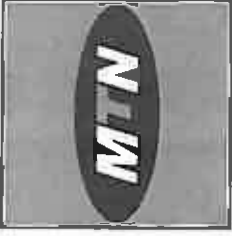
**DATE:** 30/11/2011  
**REF. NO.:** 612/78513

**SOUTH ELEVATION**  
**SHEET 8 OF 9**

PROPOSED



TYPICAL LATTICE MAST  
(PAINTED RED & WHITE)



1287 Pekaia Street  
Boksburg, Gauteng  
1031, South Africa  
Tel: +27 (11) 345 5000  
Fax: +27 (11) 345 5000  
www.mtn.co.za

SITE NAME:

T9513

BASE STATION NUMBER:

BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
OWNER: JACO GROBLER TRUST

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

COORDINATES:  
LAT: 26° 31' 55.00" S  
LONG: 30° 15' 17.90" E

PROJECT:  
NEW 8x8m TELECOMMUNICATION BASESTATION  
WITH A 54m LATTICE MAST  
FOR MTN (PTY) LTD  
ADDRESS:  
OFF THE 185 TOWARDS ERMELO.  
ON RIGHT HAND SIDE.



414 Dundas Street  
Dunfermline  
G11 4JH  
Tel: +27 (12) 804 5804  
Fax: +27 (12) 804 7072  
www.ipsplanning.co.za

P.O. Box 20017  
Tlokweng  
0154

RFO NO.:

155087

PROJECT NUMBER:

120189

DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE  
USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT  
OF WORK.  
ALL WORK TO BE PERFORMED ACCORDING TO MTN 818 SITE  
INFRASTRUCTURE SPECIFICATION 80011001  
ISSUE 1 (VERSION 0) NOVEMBER 2007

DRAWN: JAM MALAN

DATE: 30/11/2011

SCALE: MTS

REF. NO: 81278513

FACILITY ILLUSTRATION

9 OF 9

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

Your Reference:

11 June 2012

Mpumalanga Tourism and Parks Agency  
Private Bag x11338  
Nelspruit  
1200



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

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

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

**DEAR SIR/MADAM**

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

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

Attached hereto find:

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

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

Yours faithfully

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

## PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2/3 GS-102

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

Location: Portion 6 of the farm Blaauwkop 271 IT

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

Alternative 1: Latitude: 26° 31' 55.00"S Longitude: 30° 15' 17.90"E  
Latitude type mast painted red and white

Notice is hereby given of a public participation process in terms of the Environmental Impact Assessment Regulations 2010 (R543) as amended promulgated in terms of the National Environmental Management Act 1998 (Act No. 107 of 1998) as amended ("NEMA").  
Basic assessment procedures will be applied in accordance with regulation 543 and an application was submitted to the Mpumalanga Department of Economic Development, Environment and Tourism.

The applicant furthermore intends to apply to the Mpumalanga Department of Economic Development, Environment and Tourism for exemption in terms of regulation 51(1) of the Environmental Impact Assessment Regulations 2010 (R543) to assess alternatives with regard to the planned activity.

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

**Environmental Assessment Practitioner (EAP):**  
Torbiose Solutions CC.  
P.O. Box 32017, Totiusdal, 0134  
Attention: W.A. van't Foot  
Telephone: (012) 804 1504/6; Facsimile: (012) 804 7072  
E-mail: admin@torbiosesolutions.co.za

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

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

Notice publication date:

7 June 2012

## UHLELO LOKUHLANGANYELA KOMPHEKATHI

INOMBOLO YEREFERENSI: 17/2/3 GS-102

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

Indawo: Portion 6 of the farm Blaauwkop 271 IT

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

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

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

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

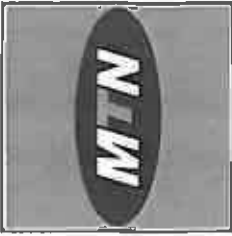
**Umuntu ofaka isicelo:**  
MTN (Pty) Ltd, P.O. Box 4559, Northcliff, 2115.

**Isibenzeli Esihlola Ezemvelo (Environmental Assessment Practitioner (EAP)):**  
Torbiose Solutions CC., P.O. Box 32017, Totiusdal, 0134  
kuqondiswe ku- W van't Foot  
Ucingo: (012) 804 1504/6, Ifeksi: (012) 804 7072,  
i-e-meyili: admin@torbiosesolutions.co.za

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

Usuku lokushicilelwa kweSaziso:

7 June 2012



197 Pretorius Street  
 Block 8, Heidelberg Complex  
 Heidelberg, 0803  
 Tel: +27 (0) 21 545 8900  
 Fax: +27 (0) 21 545 8708  
 Private Bag 3113  
 Monto Park

SITE NAME:

T9513

BASE STATION NUMBER:  
**BLAAUKOP FARM**

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
 OWNER: JACO GARDNER TRUST

STRICTLY COMPANY CONFIDENTIAL  
 PORTION 8 OF THE FARM BLAAUKOP 271 IT

COORDINATES:  
 LAT: 26° 31' 55.00" S  
 LONG: 30° 15' 17.90" E

PROJECT:  
 NEW 948m TELECOMMUNICATION BASESTATION  
 WITH A 54m LATTICE MAST  
 FOR MTN (PT) LTD  
 ADDRESS:  
 OFF SETS TOWARDS ERMELO.  
 ON RIGHT HAND SIDE.



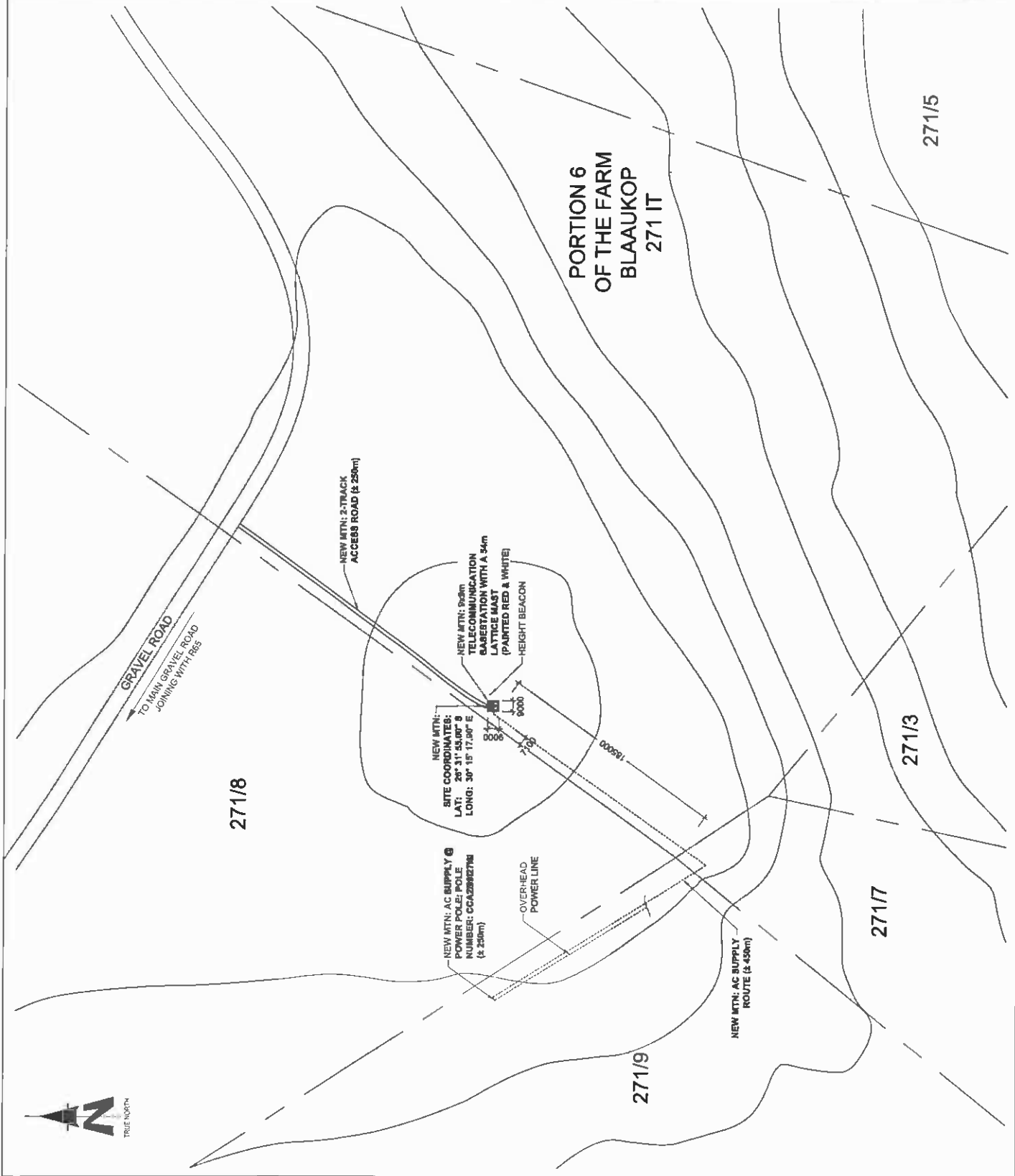
414 Riebeeck Road  
 Silverdale  
 0184  
 Tel: +27 (0) 21 841 9548  
 Fax: +27 (0) 21 841 7972  
 admin@ipsplanning.co.za

P.O. Box 32017  
 Tlokweng  
 0154

RFQ NO.: 150077  
 PROJECT NUMBER:  
 120186

DRAWN: JAN MALAN  
 SCALE: 1:3000  
 DATE: 30/11/2011  
 REF. NO: 812/T9513

SITE DEVELOPMENT PLAN  
 SHEET 3 OF 9



271/8

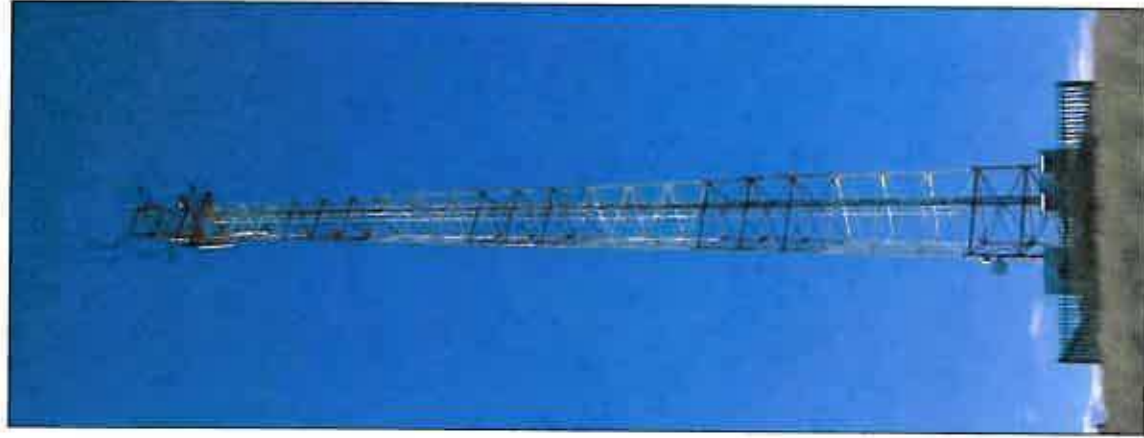
271/9

271/7

271/3

271/5

PROPOSED



TYPICAL LATTICE MAST  
(PAINTED RED & WHITE)



1187 Pretorius Street  
 Strand B, Newlands Complex  
 Halfway, 7700  
 Tel: +27 (0) 21 954 7000  
 Fax: +27 (0) 21 954 7000  
 Project Ref: 100  
 Project Name: Blaaukops Farm

SITE NAME: T9513

BASE STATION NUMBER: BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
 OWNER: JACO OORLEMER TRUST

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:  
 PORTION 6 OF THE FARM BLAAUKOP 271 IT

COORDINATES:  
 LAT: 28° 31' 56.00" S  
 LONG: 30° 18' 17.00" E

PROJECT:  
 NEW 900m TELECOMMUNICATION BASESTATION  
 WITH A LATTICE MAST  
 FOR SITE (T9513)

ADDRESS:  
 OFF THE T85 TOWARDS ERMELO,  
 ON RIGHT HAND SIDE.



414 Media Road  
 Midrand  
 1601  
 Tel: +27 (0) 21 954 7000  
 Fax: +27 (0) 21 954 7000  
 Email: info@ip-services.com

PROJECT NUMBER:  
 150017  
 120160

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 R10/1/001 ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWING: JAN MALAN DATE: 20/11/2011

SCALE: 1/100 REF. NO: B12178613

FACILITY ILLUSTRATION

8 OF 8

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

Your Reference:

11 June 2012

South African Heritage Resources Agency  
P O Box 4637  
CAPE TOWN  
8000



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

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

**DEAR SIR/MADAM**

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

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

Attached hereto find:

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

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

Yours faithfully

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

## PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2/3 GS-102

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

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

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

Alternative 1: Latitude: **26° 31' 55.00"S** Longitude: **30° 15' 17.90"E**  
Lattice type mast painted red and white

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

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

The applicant furthermore intends to apply to the Mpumalanga Department of Economic Development, Environment and Tourism for exemption in terms of regulation 51(1) of the Environmental Impact Assessment Regulations 2010 (R543) to assess alternatives with regard to the planned activity.

### Applicant:

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

### Environmental Assessment Practitioner (EAP):

Torbiose Solutions CC.

P.O. Box 32017, Totiusdal, 0134

Attention: W.A. van't Foot

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

E-mail: admin@torbiosesolutions.co.za

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

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

Notice publication date:

7 June 2012

## UHLELO LOKUHLANGANYELA KOMPHEKATHI

INOMBOLO YEREFERENSI: 17/2/3 GS-102

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

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

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

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

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

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

### Umuntu ofaka Isicelo:

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

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

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

kuqondiswe ku- W van't Foot

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

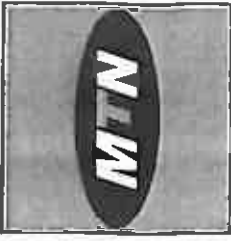
i-e-meyili: admin@torbiosesolutions.co.za

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

Usuku lokushicilelwa kweSaziso:

7 June 2012





1287 Pretorius Street  
 Sandton, Johannesburg  
 2013  
 Tel: +27 (11) 347 2000  
 Fax: +27 (11) 347 2008  
 Project No: 148  
 Project Name: Blaaaukop  
 Page: 2 of 2

SITE NAME: T9513

BASE STATION NUMBER:  
**BLAAUKOP FARM**

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
 OWNER: JACO GROENLER TRUST

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

COORDINATES:  
 LAT: 28° 31' 55.00" S  
 LONG: 30° 15' 17.80" E

PROJECT:  
 NEW 960m TELECOMMUNICATION BASESTATION  
 WITH A 54m LATTICE MAST  
 FOR MTN (PTY) LTD

ADDRESS:  
 OFF THE T66 TOWARDS ERMELC  
 ON RIGHT HAND SIDE.



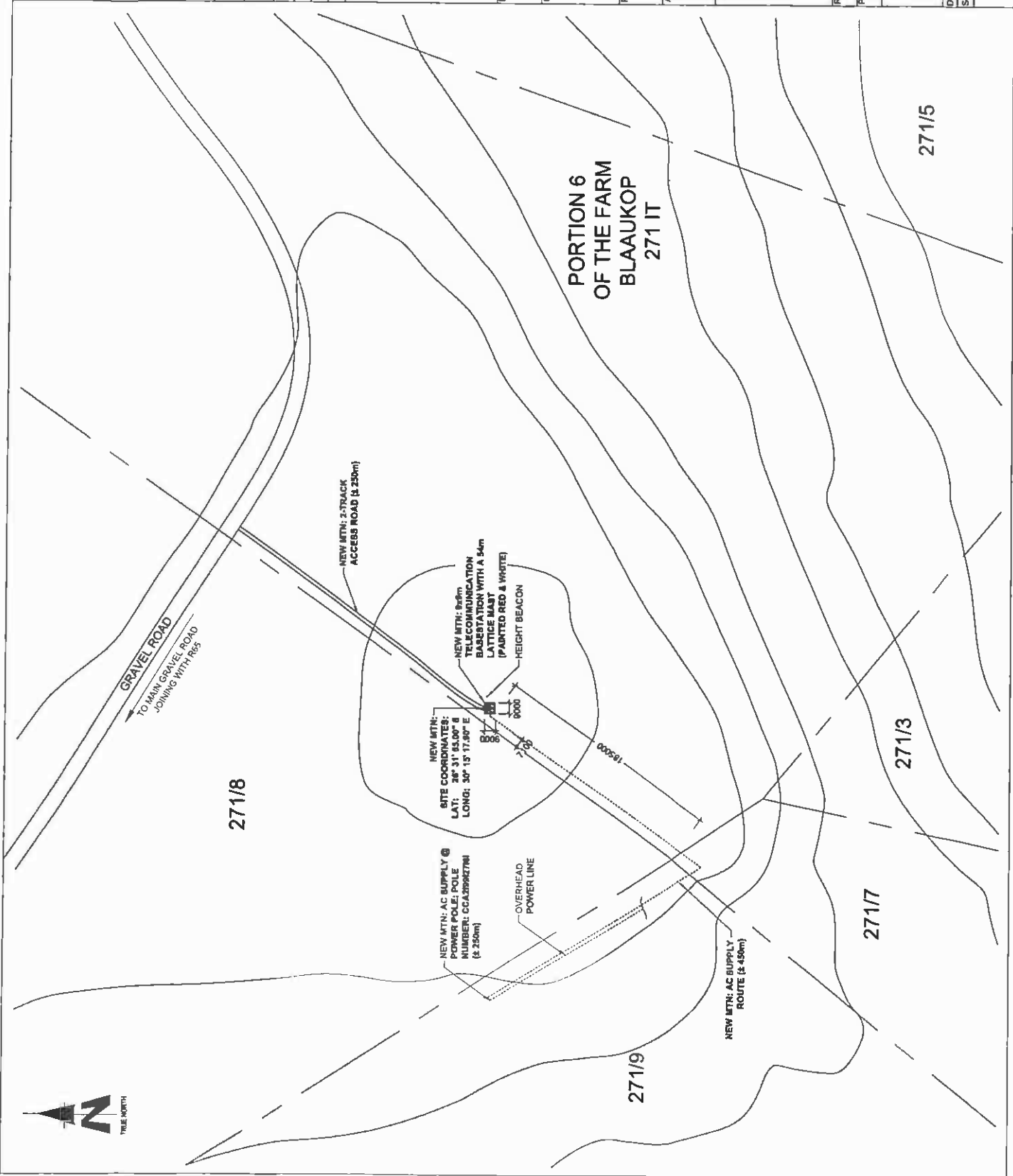
113 Breda Street  
 Sandton, Johannesburg  
 2014  
 Tel: +27 (11) 864 1550  
 Fax: +27 (11) 864 2072  
 Email: info@ipsplanning.co.za

RFO NO.: 155087  
 PROJECT NUMBER:  
 120189

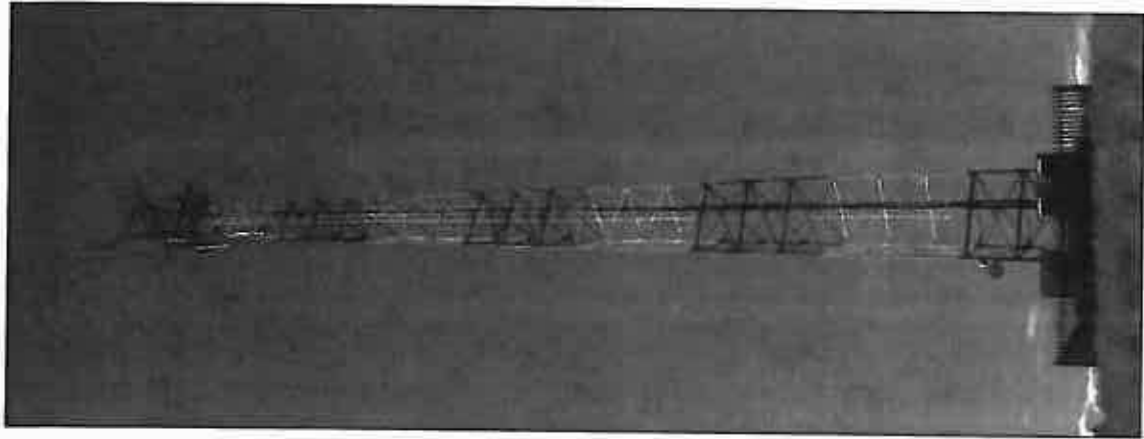
DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.  
 ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION RBU11001 ISSUE 1, REVISION 0 NOVEMBER 2007

DRAWN: JAN MALAN  
 SCALE: 1:3000  
 DATE: 30/11/2011  
 REF. NO: 81278513

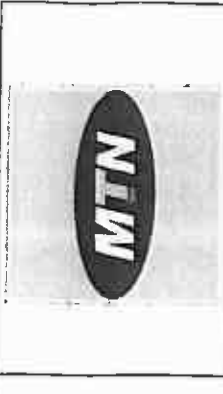
SITE DEVELOPMENT PLAN  
 SHEET 3 OF 9



PROPOSED



TYPICAL LATTICE MAST  
(PAINTED RED & WHITE)



1501 Pretorius Street  
Midrand, 2008  
Toll-free: 0800 10 10 10  
Tel: +27 (0) 21 552 2000  
Fax: +27 (0) 21 552 2000  
www.mtn.co.za

BASE STATION NUMBER:  
**T9513**

**BLAAUKOP FARM**

REV	DATE	BY	DESCRIPTION
A	20/11/2011	JM	

NOTES:  
OWNER: JACO ORDENBERG TRUST

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

COORDINATES:  
LAT: 26° 31' 55.00" S  
LONG: 30° 15' 17.00" E

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

ADDRESS:  
ON THE T65 TOWARDS ERUELO,  
ON RIGHT HAND SIDE.

115 Pretorius Street  
Midrand, 2008  
P.O. Box 32817  
Johannesburg  
1016  
Tel: +27 (0) 21 552 2000  
Fax: +27 (0) 21 552 2000  
www.ips.co.za



REG NO:  
155087

PROJECT NUMBER:  
120189

DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE  
USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT  
OF WORK.  
ALL WORKS TO BE PERFORMED ACCORDING TO NTA ITS SITE  
INFORMATION SHEET (SIS) 101  
ISSUE 1 REVISED NOVEMBER 2007

DRAWN: JANI MALAN  
DATE: 20/11/2011

SCALE: NTS  
REF. NO: 812/1813

FACILITY ILLUSTRATION  
8 OF 8

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

Your Reference:

7 June 2012

**Owner Portion 5 of the Farm Blaauwkop 271 IT**  
Mrs R E De Villiers  
P O Box 1439  
Ermelo  
2350



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

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

**DEAR SIR/MADAM**

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (BB), (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 6 OF THE FARM BLAAUWKOP 271 IT.**

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

Attached hereto find:

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

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

Yours faithfully

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

## PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2/3 GS-102

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

Location: Portion 6 of the farm Blaauwkop 271 IT

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

Alternative 1: Latitude: 26° 31' 55.00"S Longitude: 30° 15' 17.90"E  
Lattice type mast painted red and white

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

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

The applicant furthermore intends to apply to the Mpumalanga Department of Economic Development, Environment and Tourism for exemption in terms of regulation 51(1) of the Environmental Impact Assessment Regulations 2010 (R543) to assess alternatives with regard to the planned activity.

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

**Environmental Assessment Practitioner (EAP):**

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

Attention: W.A. van't Foot

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

E-mail: admin@torbiosesolutions.co.za

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

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

Notice publication date:

7 June 2012

## UHLELO LOKUHLANGANYELA KOMPHEKATHI

INOMBOLO YEREFERENSI: 17/2/3 GS-102

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

Indawo: Portion 6 of the farm Blaauwkop 271 IT

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

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

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

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

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

**Isisebenzi Eshlola Ezemvelo (Environmental Assessment Practitioner (EAP)):**

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

Kuqondiswe ku-W van't Foot

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

i-e-meyili: admin@torbiosesolutions.co.za

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

Usuku lokushicilelwa kweSaziyo:

7 June 2012



1587 Priesbuis Street  
 Midrand, 2008  
 Tel: +27 (0)11 762 2000  
 Fax: +27 (0)11 762 1000  
 Website: www.mtn.com

PROVIDED BY: MTN  
 PROJECT NO: 1587

SITE NAME: T9513

BASE STATION NUMBER: BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
 OWNER: JACO OORLEYN TRUST

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:  
 PORTION 6 OF THE FARM BLAAUKOP 271 IT

COORDINATES:  
 LAT: 28° 31' 55.00" S  
 LONG: 30° 15' 17.00" E

PROJECT:  
 NEW 9dbm TELECOMMUNICATION BASESTATION WITH A 9dbm LATTICE MAST FOR MTR (PTT) LTD

ADDRESS:  
 OFF THE T95 TOWARDS ERMELO, ON RIGHT HAND SIDE.



416 Rensburg Street  
 Midrand, 2008  
 Tel: +27 (0)11 762 2000  
 Fax: +27 (0)11 762 1000  
 Website: www.ipsafrica.com

PROJECT NUMBER:  
 120189

DATE: 30/11/2011

SCALE: 1:3000

DRAWN: JAM MALAN

REF: NO: 012/018/13

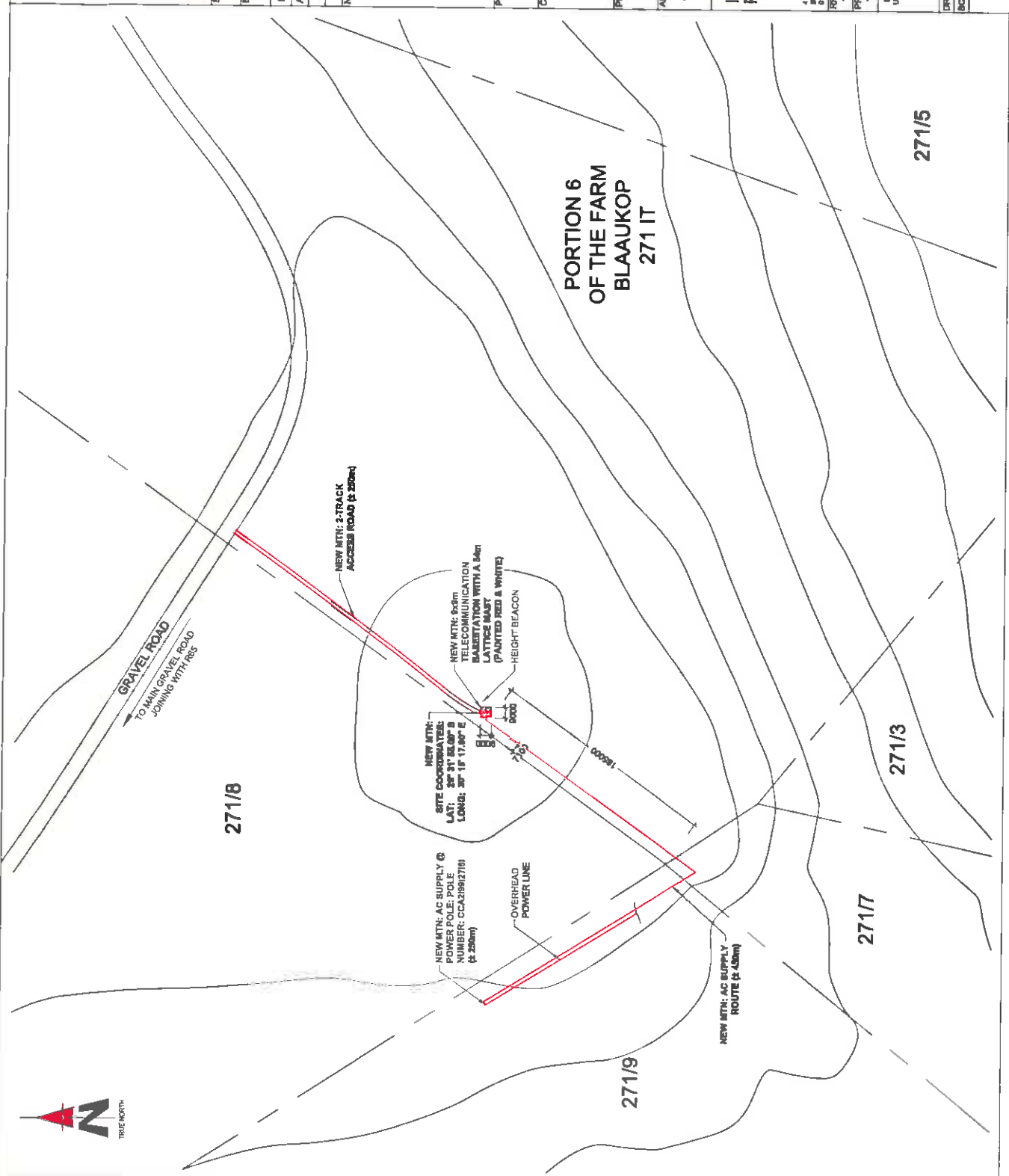
DISCLAIMER: DRAWINGS MUST NOT BE USED FOR ANY PURPOSES OTHER THAN THAT FOR WHICH THEY WERE PREPARED. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AUTHORITIES.

DATE: 30/11/2011

REF: NO: 012/018/13

SITE DEVELOPMENT PLAN

SHEET 3 OF 9



PROPOSED



TYPICAL LATTICE MAST  
(PAINTED RED & WHITE)



1387 Pretorius Street  
Midrand & Johannesburg Corridor  
Midrand, 2009  
Tel: +27 (0) 11 445 4444  
Fax: +27 (0) 11 252 2070  
www.mtn.co.za

Project Ref: 44  
Project Name: 210  
Mast No: 210

SITE NAME: T9513

BASE STATION NUMBER: BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
OWNER: JACO GROENLIER TRUST

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

COORDINATES:  
LAT: 28° 31' 46.00" S  
LONG: 30° 15' 17.00" E

PROJECT:  
NEW 69m TELECOMMUNICATION BASESTATION  
WITH A 4m LATTICE MAST  
FOR MTN (Pty) Ltd

ADDRESS:  
OFF THE T95 TOWARDS ERMELO.  
ON RIGHT HAND SIDE

INFRASTRUCTURE  
PLANNING



414 Boshoff Road  
Midrand  
2194  
Tel: +27 (0) 11 804 1650  
Fax: +27 (0) 11 804 7072  
www.ips.co.za  
info@ips.co.za

P.O. Box 20417  
Sandton  
2146  
0114

REQ NO.: 155087  
PROJECT NUMBER:  
1201 (B)

DRAWN: JAN MALAN  
SCALE: HTB  
DATE: 30/11/2011  
REF: MD-8127TR13

FACILITY ILLUSTRATION  
8 OF 8

DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.  
ALL WORK TO BE PERFORMED IN ACCORDANCE WITH THE SITE INFRASTRUCTURE SPECIFICATION 001/1001 ISSUE 1 REVISION 0 NOVEMBER 2007

7 June 2012

**Owner Portions 8 and 10 of the Farm Blaauwkop 271 IT**  
Jaco Grobler Trust  
Postnet Suite 1821  
Private Bag x9013  
Ermelo  
2350



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

Tel: (012) 804 1604 / 6  
Fax: (012) 804 7072  
e-mail: [admin@torbiousolutions.co.za](mailto:admin@torbiousolutions.co.za)

**DEAR SIR/MADAM**

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (BB), (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 6 OF THE FARM BLAAUWKOP 271 IT.**

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

Attached hereto find:

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

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

Yours faithfully

A handwritten signature in black ink, appearing to read "WA Van't Foort".

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

## PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2/3 GS-102

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

Location: Portion 6 of the farm Blaauwkop 271 IT

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

Alternative 1: Latitude: 26° 31' 55.00"S Longitude: 30° 15' 17.90"E  
Lattice type mast painted red and white

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

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

The applicant furthermore intends to apply to the Mpumalanga Department of Economic Development, Environment and Tourism for exemption in terms of regulation 51(1) of the Environmental Impact Assessment Regulations 2010 (R543) to assess alternatives with regard to the planned activity.

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

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

7 June 2012

## UHELELO LOKUHLANGANYELA KOMPHEKATHI

INOMBOLO YEREFERENSI: 17/2/3 GS-102

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

Indawo: Portion 6 of the farm Blaauwkop 271 IT

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

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

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

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

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

**Isisebenzi Eshlola Ezemvelo (Environmental Assessment Practitioner (EAP)):**  
Torbiouse Solutions CC., P.O. Box 32017, Totiusdal, 0134

Kuqondiswe ku- W van't Foot

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

i-e-meyili: admin@torbiouseolutions.co.za

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

Usuku lokushicilelwa kweSaziso:

7 June 2012





PROPOSED



TYPICAL LATTICE MAST  
(PAINTED RED & WHITE)



1887 Pridmore Street,  
Black & White Communications  
Johannesburg  
Tel: +27 (0) 11 242 8200  
Fax: +27 (0) 11 242 8200  
www.mtn.co.za  
Registered in South Africa  
Company No. 2003/0000000/07  
Financial Year: 31/03/2011

BASE STATION NUMBER:  
**T9513**

BASE STATION NUMBER:  
**BLAAUKOP FARM**

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:  
OWNER: JACO OORLENTJUIT

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

COORDINATES:  
LAT: 28° 31' 55,00" S  
LONG: 30° 15' 17,00" E

PROJECT:  
NEW 900m TELECOMMUNICATION REBINATION  
WITH A 50M LATTICE MAST  
FOR MTN (PTY) LTD  
ADDRESS:  
OFF THE T88 TOWARDS ERMELO,  
ON RIGHT HAND SIDE.

**INFRASTRUCTURE  
PLANNING SERVICES**

414 Pacific Street  
Blackburn  
Johannesburg  
Tel: +27 (0) 11 242 8200  
Fax: +27 (0) 11 242 8200  
www.ipsafrica.com

PROJECT NUMBER:  
120168

DRAWN: JAN MALAN  
SCALE: NTS  
DATE: 30/11/2011  
REF. NO: 612/78513

DRAWN: JAN MALAN  
SCALE: NTS  
DATE: 30/11/2011  
REF. NO: 612/78513

FACILITY ILLUSTRATION  
8 OF 9

7 June 2012

**Owner Remaining Extent Portion 3 and Portions  
7 and 9 of the Farm Blaauwkop 271 IT**  
Marandellas Trust  
P O Box 210  
Ermelo  
2350



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

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

**DEAR SIR/MADAM**

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL  
MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR  
LISTED ACTIVITY 3 (A) & (B) : (A) II (BB), (CC) AND (EE) IN REGULATION 546:  
ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION  
6 OF THE FARM BLAAUWKOP 271 IT.**

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

Attached hereto find:

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

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

Yours faithfully

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

## PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2/3 GS-102

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

Location: Portion 6 of the farm Blaauwkop 271 IT

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

Alternative 1: Latitude: 26° 31' 55.00"S Longitude: 30° 15' 17.90"E  
Lattice type mast painted red and white

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

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

The applicant furthermore intends to apply to the Mpumalanga Department of Economic Development, Environment and Tourism for exemption in terms of regulation 51(1) of the Environmental Impact Assessment Regulations 2010 (R543) to assess alternatives with regard to the planned activity.

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

**Environmental Assessment Practitioner (EAP):**  
Torbiose Solutions CC.

P.O. Box 32017, Totiusdal, 0134

Attention: W A. van't Foot

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

E-mail: admin@torbiosesolutions.co.za

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

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

Notice publication date:

7 June 2012

## UHLELO LOKUHLANGANYELA KOMPHEKATHI

INOMBOLO YEREFERENSI: 17/2/3 GS-102

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

Indawo: Portion 6 of the farm Blaauwkop 271 IT

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

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

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

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

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

**Isisebenzi Esihlole Ezemvelo (Environmental Assessment Practitioner (EAP)):**

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

kuqondiswe ku- W van't Foot

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

i-e-meyili: admin@torbiosesolutions.co.za

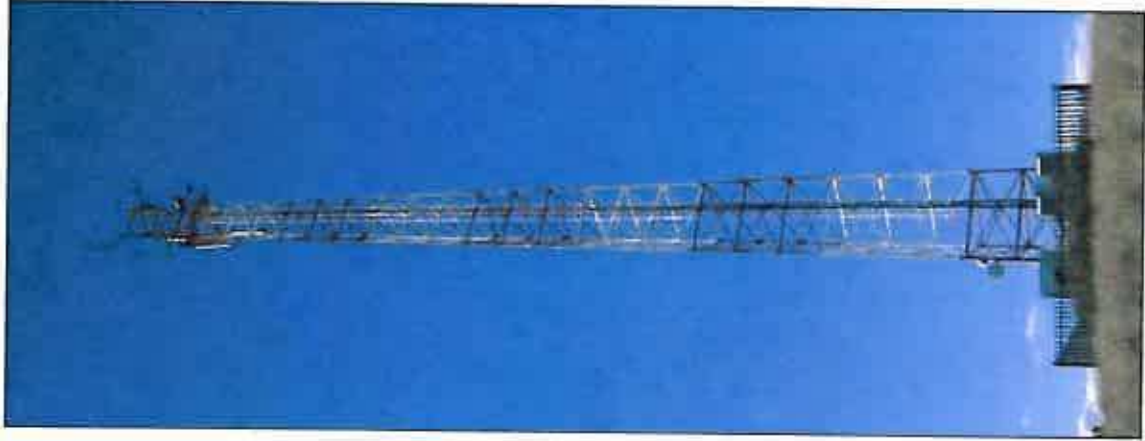
Olunye ulwazi maqondana nalo msebenzi ohlongozwayo lungatholakala ku-EAP. Nanoma ubani omunye othandayo nothintekayo, ngokubhala, makenze isitatimende ngomsebenzi ohlongozwayo noma isicelo sokubhaliswa njengomunitho onothando noma ofhintekeayo, ngokuthi alethe isitatimende esibhalawe noma isicelo sokubhalisa,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

Usuku lokushicilelwa kweSaziso:

7 June 2012



PROPOSED



TYPICAL LATTICE MAST  
(PAINTED RED & WHITE)



1837 Pretorius Street  
Muck & Moolenaar Companies  
Roosburg, 0625

Tel: +27 (0) 21 463 1746  
Fax: +27 (0) 21 463 1006

Project No: 008  
Project Name: 2107  
Muck Park

SITE NAME:

T9513

BASE STATION NUMBER:

BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:

OWNER: JACO GROBLER TRUST

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:

PORTION 9 OF THE FARM BLAAUKOP 271 IT

COORDINATES:

LAT: 29° 31' 55.00" S

LONG: 30° 15' 17.90" E

PROJECT:

NEW 9.4m TELECOMMUNICATION BASESTATION  
WITH A 54m LATTICE MAST  
FOR MTN (Pty) Ltd

ADDRESS:

OFF THE T15 TOWARDS ERMELO,  
ON RIGHT HAND SIDE.



414 Bando Road  
Blenheim  
DURHAM

Tel: +27 (0) 21 954 1814  
Fax: +27 (0) 21 954 1073  
www.ipsplanning.com

P.O. Box 32877  
Tolworth  
DURHAM

RFQ NO.:

159007

PROJECT NUMBER:

120169

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 THE SITE'S  
INFRASTRUCTURE SPECIFICATION 01.01.05  
ISSUE 1 REVISION 6 NOVEMBER 2007

DRAWN: JAN MALAN

DATE: 30/11/2011

SCALE: NTS

REF. NO: 812/70513

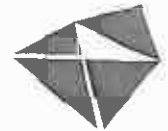
FACILITY ILLUSTRATION

8 OF 9

T9513

# List of REGISTERED LETTERS 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:  
Naam en adres van afsender:.....  
.....  
.....  
.....

INFRASTRUCTURE  
PLANNING SERVICES  
PO BOX 32017  
TOTTENHAM 0134  
150473

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-klëntafskrif
1	Marandellas Trust P.O. Box 210 Ermelo 2350					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 748 005 876 ZA CUSTOMER COPY 301028R
2	P.E. De Villiers P.O. Box 1439 Ermelo 2350					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 748 005 862 ZA CUSTOMER COPY 301028R
3	Jaco Grobler Trust Postnet Suite 1821 Private bag X9013 Ermelo 2350					REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 748 005 880 ZA CUSTOMER COPY 301028R
4						
5						
6						
7						
8						
9						
10						

Number of letters posted  
Getal briewe gepos ..... 3 .....

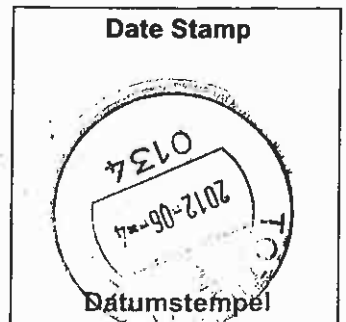
<b>Total</b> Totaal	R	R	R	R
------------------------	---	---	---	---

Signature of client  
Handtekening van kliënt..... 

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


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

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



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

(with an insurance option/met 'n versekeringsopsie)

795B  
T9468 

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

Addressed to/Geadresseer aan

Mpumalanga Tourism & Parks  
Agency, Private Bag X11338  
Nelspruit  
1200

Postcode  
Poskode

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

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

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

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

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

Initial of  
accepting  
officer

Date Stamp



**REGISTERED LETTER**  
(with a domestic insurance option)  
ShareCall 0860 111 502 www.sapo.co.za  
**RD 748 003 671 ZA**

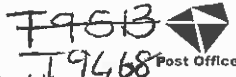
**CUSTOMER COPY 301028R**  
klientafskrif

Paraaf van  
aaneem-  
beampte



**REGISTERED LETTER  
GEREGISTREERDE BRIEF**

(with an insurance option/met 'n versekeringsopsie)



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

Addressed to/Geadresseer aan

South African Heritage Agency  
PO Box 4687  
Cape Town  
8000

Postcode  
Poskode

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

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

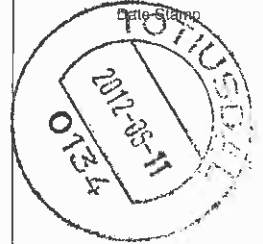
Postage paid R \_\_\_\_\_ c  
Service fee / Diensgeld R \_\_\_\_\_ c  
Insurance / Versekering R \_\_\_\_\_ c  
Total / Totaal R \_\_\_\_\_ c

Insured value of contents

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

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

Initial of  
accepting  
officer



**REGISTERED LETTER**  
(with a domestic insurance option)  
ShareCall 0800 111 502 [www.esso.co.za](http://www.esso.co.za)  
RD 748 003 685 ZA

CUSTOMER COPY 30102BR  
klantafskrif

Paraaf van  
aaneem-  
beample

Datumstempel

**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.

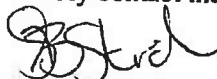
Intermediate lights shall be placed at a position midway between the top of the structure and the ground and shall consist of at least three steady burning red aeronautical obstruction lights of at least 32 candela each, on the same vertical plane and spaced not more than 120 degree horizontally. At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

T9.68

### Legals

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

### 0910 Public / Legal Notices

**T9513 NOTICE**  
PUBLIC PARTICIPATION PROCESS  
REFERENCE NUMBER: 17/2/3 GS-102  
Regulation 548 activity 3 (a) & (b) (a) (bb), (cc) and (ee) Establishment of an enclosed telecommunication base station with a 54m mast for MTN (Pty) Ltd: T9513 Blaaukop Farm  
Location: Portion 6 of the farm Blaaukop 271 IT Co-ordinates (WGS84 format) of the alternatives on the above property  
Alternative 1:  
Latitude: 26° 31' 55.00"S  
Longitude: 30° 15' 17.80"E  
Lattice type mast painted red and white  
Notice is hereby given of a public participation process in terms of the Environmental Impact Assessment Regulations 2010 (R543) as amended promulgated in terms of the National Environmental Management Act 1998 (Act No. 107 of 1998) as amended ("NEMA").  
Basic assessment procedures will be applied in accordance with regulation 543 and an application was submitted to the Mpumalanga Department of Economic Development, Environment and Tourism.  
The applicant furthermore intends to apply to the Mpumalanga Department of Economic Development, Environment and Tourism for exemption in terms of regulation 50(1) of the Environmental Impact Assessment Regulations 2010 (R543) to assess alternatives with regard to the planned activity.  
Applicant:  
MTN (Pty) Ltd  
P.O. Box 4559, Northcliff, 2115  
Environmental Assessment Practitioner (EAP):  
Torbouse Solutions CC  
Attention: W van't Foot  
P.O. Box 32017, Torusdal, 0134  
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

**T9468 NOTICE**  
PUBLIC PARTICIPATION PROCESS  
REFERENCE NUMBER: 17/2/3 GS-100  
Regulation 548 activity 3 (a) & (b) (a) (bb), (cc) and (ee) Establishment of an enclosed telecommunication base station with a 54m mast for MTN (Pty) Ltd: T9468 Rietfontein Plaas  
Location: Portion 16 of the farm Rooipoort 144 IS Co-ordinates (WGS84 format) of the alternatives on the above property  
Alternative 1:  
Latitude: 26° 30' 13.73" S  
Longitude: 29° 18' 15.23" E  
Lattice type mast painted red and white  
Notice is hereby given of a public participation process in terms of the Environmental Impact Assessment Regulations 2010 (R543) as amended promulgated in terms of the National Environmental Management Act 1998 (Act No. 107 of 1998) as amended ("NEMA").  
Basic assessment procedures will be applied in accordance with regulation 543 and an application was submitted to the Mpumalanga Department of Economic Development, Environment and Tourism.  
The applicant furthermore intends to apply to the Mpumalanga Department of Economic Development, Environment and Tourism for exemption in terms of regulation 50(1) of the Environmental Impact Assessment Regulations 2010 (R543) to assess alternatives with regard to the planned activity.  
Applicant:  
MTN (Pty) Ltd  
P.O. Box 4559, Northcliff, 2115  
Environmental Assessment Practitioner (EAP):  
Torbouse Solutions CC  
Attention: W van't Foot

P.O. Box 32017, Torusdal, 0134  
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

**Mpumalanga News**  
To advertise your MP News adverts Contact  
**013-754-1669**

**NOTICE**  
NOTICE IN RESPECT OF A LICENCE APPLICATION IN TERMS OF THE PETROLEUM PRODUCTS ACT, 1977 (ACT 120 OF 1977)  
This notice serves to inform interested and affected parties that PATSON NKUYUMU TWALA, hereinafter referred to as "the Applicant", has submitted an application for a RETAIL LICENCE, Application Number: G/2012/04/02/0002 and SITE LICENCE, Application Number: G/2012/04/02/0001  
ERF 5 KILDARE TRUST, THULAMAHASHE KILDARE TRUST 6, THULAMAHASHE, BUSHMUCKRIDGE  
The purpose of the application is for the applicant to be granted a licence to undertake petroleum retailing activities as detailed in the application. Arrangements for viewing the application documentation can be made by contacting the Controller of Petroleum Products by:  
\* Telephone: 013-653-0500  
\* Fax: 086-607-0735  
\* E-mail: gponopontull@energy.gov.za  
Any objections to the issuing of a license in respect of this application, which must clearly quote the application number above, must be lodged with the Controller of Petroleum Products within a period of twenty (20) working days from the date of publication of this notice. Such objections must be lodged at the following physical or postal address:  
Physical address: The Regional Director Department of Energy The Province House (3rd Floor) CNR Kruger and Botha Street Witbank, 1035  
Postal address: The Regional Director Department of Energy (MP Region) Private Bag X7279 Witbank, 1035

Enjoy the sweet taste of success  
Tsb Sugar  
CAREERS IN SUGAR  
**Occupational Health Sister**  
Legal and Risk Services  
A vacancy for an Occupational Health Sister exists in our Clinic Department. Reporting to the Head: Occupational Health Services, the successful candidate will be responsible for rendering a comprehensive occupational health service to the Tsb workforce. Functions include primary healthcare, doctor and hospital referrals as well as report writing. The incumbent will supervise and monitor patients with chronic conditions, attend to injuries on duty and conduct medical examinations and biological monitoring, dispense medicine professionally and in an ethical manner, and conduct the dispensing practice according to all legal requirements. He/she will also identify and report safety-related issues, keep clear and accurate records of all actions which he/she performs, as well as educate and encourage workers to take responsibility for their own health. Ensuring compliance with the Occupational Health and Safety Act and other relevant legislation and advising at the satellite clinics when and where needed will also form part of his/her duties.  
The position requires a person with effective professional and interpersonal skills who are adaptable and have the ability to work well under pressure, think ahead as well as plan and organise his/her workload. Applicants need to be registered with the Nursing Council of South Africa as a Professional Nurse and have 5 years' experience in Occupational and Primary Healthcare. A degree/diploma in General Nursing, Midwifery and Community Health Nursing, degree/diploma in Occupational Health and degree/diploma in Primary Healthcare Nursing are further requirements. The successful candidate must also hold a Certificate of Competence in Dispensing for Healthcare Professionals and Certificates in Audiometry and Spirometry. The ability to communicate in English and SiSwati, computer literacy (Outlook, Word and Excel) and a valid Code 08 driver's licence are essential. Experience and a relevant qualification in HIV/AIDS Management would be advantageous.  
Please forward your written application, together with full personal and career details, to: Recruitment and Selection, Tsb, PO Box 47, Malalane 1330 or fax 086 603 5894 or e-mail: jobs@tsb.co.za  
To ensure that your application is considered, clearly state "Occupational Health Sister" in your application.  
Closing date: 15 June 2012  
Tsb promotes the principles of Employment Equity  
Should you not hear from us within 14 days of the closing date of this advertisement, please accept that your application was unsuccessful.

# Vacancies

# Vacancies

**SURVEYOR GENERAL PUPIL SURVEY OFFICER (65 POSTS)**  
Salary: R138 360 per annum (all-inclusive package) (Level 5) (2-year contract posts)

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

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

Duties: • The successful candidates will attend an in-house 18-month structured Survey Officer's Course and undergo practical training and simultaneously perform duties on the technical examination for approval of Surveys performed in accordance with the Land Survey Act, No 8 of 1987, the Sectional Title Act, No 95 of 1986 and the Regulations promulgated under these Acts • Capture, preserve and maintain all reports already approved, including the completion and amendment of plans as may be required • Issue survey data of Land Surveyors in terms of regulation of the Land Survey Act as well as assist the general public in the C/C/Plan Safe with queries related to Geomatics.

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

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

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

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

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

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

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

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

Our Reference:

**T9513 Blaaukop Farm**

Your Reference:

**17/2/3/GS-102**

T9513

4 October 2012

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



**Reg. No. 2001/080535/23**

**PO Box 32017, Totiusdal, 0134**

**414 Rustic Road  
Silvertondale, 0184  
Pretoria**

**Tel: (012) 804 1504/ 6**

**Fax: (012) 804 7072**

**e-mail: admin@torbiousesolutions.co.za**

Attention: **Nelisiwe Mlangeni**  
Fax No: 017 811 3992

Dear Madam/Sir,

**MOTIVATION FOR EXEMPTION FROM ASSESSING ALTERNATIVES IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 ("NEMA") AS AMENDED TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 IN REGULATION 546: ESTABLISHMENT OF A 54M HIGH MTN (PTY) LTD TELECOMMUNICATION MAST ON PORTION 6 OF THE FARM BLAAUWKOP 271 IT.**

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 6 of the farm Blaauwkop 271 IT, where the establishment is proposed was identified by the radio planners of MTN as the best position to place the mast to reach the transmission coverage on the MTN network. The site is on a farm with disturbed grassland. Environmental impact at this site and on this property will be limited to the visual aspect, as well as the grass that need to be removed from the 81m<sup>2</sup> footprint area. The development is planned within open grassland where no large trees or any endangered plants will need to be removed. The neighbouring properties were not regarded as feasible site alternatives due to more limitations on the network coverage, as well as possible increased impact on the site footprint area where more indigenous vegetation would have to be removed. The environmental impact on the footprint area would most probably be of much higher significance if the site was moved to another locality within a certain radius from the proposed site.

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

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



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

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

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


MTN Kathrein directional antennae (x3) and 600mm Microwave dish to be placed between directional antennae. Telecommunications vendor antennae (x6) 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. Telecommunication Equipment container to be placed next to MTN container underneath mast for possible future share party. New MTN standard concrete manhole for future fibre optic link with 110mm underground nextube sleeve for fibre optic cable from the manhole to the equipment container. The proposed technology used for this mast will have minimum impact on the environment and there is no alternative technology available to reach the required network coverage.

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

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

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

Kind Regards,



**Wilbert van't Foort**

**For: Torbious Solutions cc**