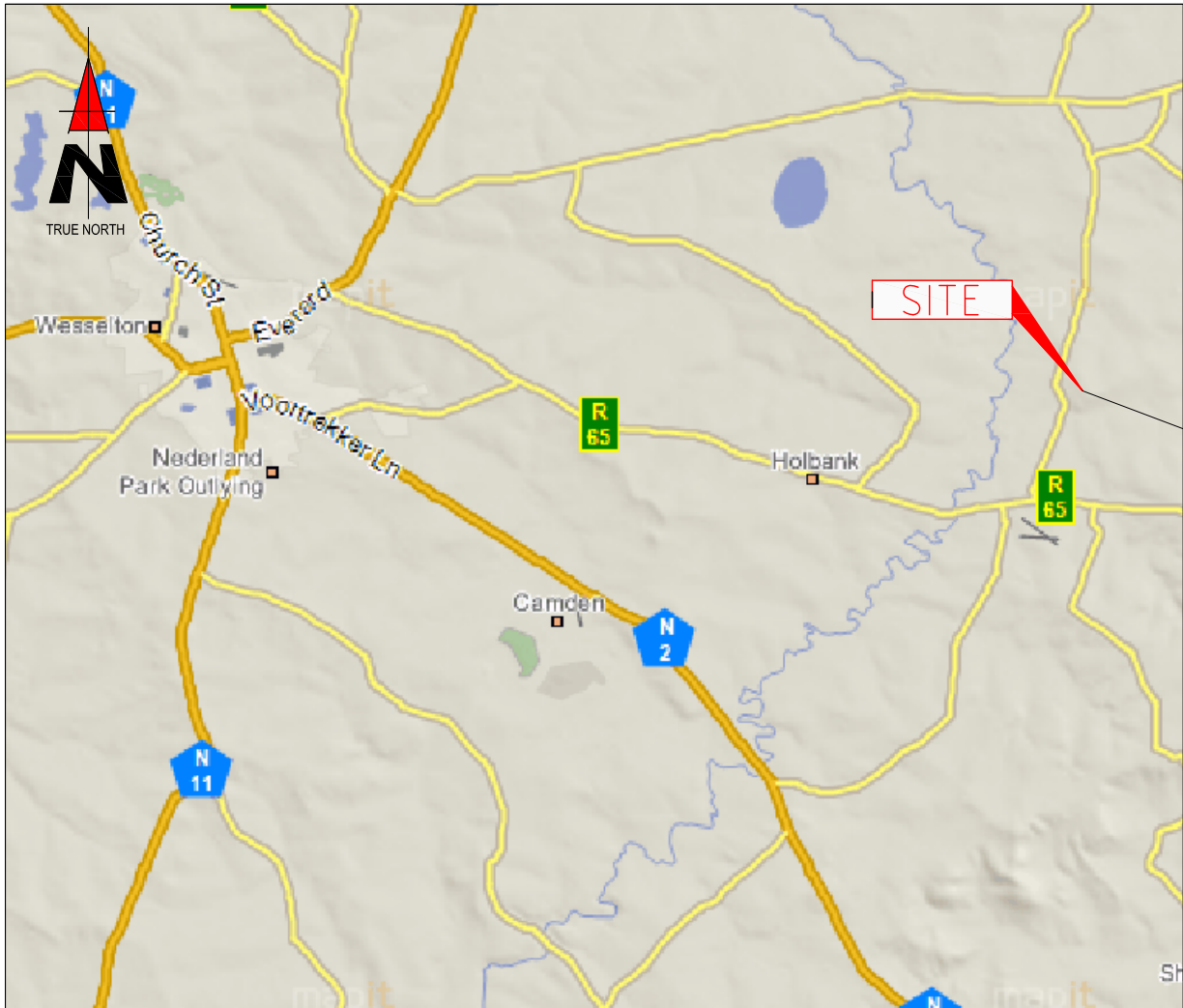
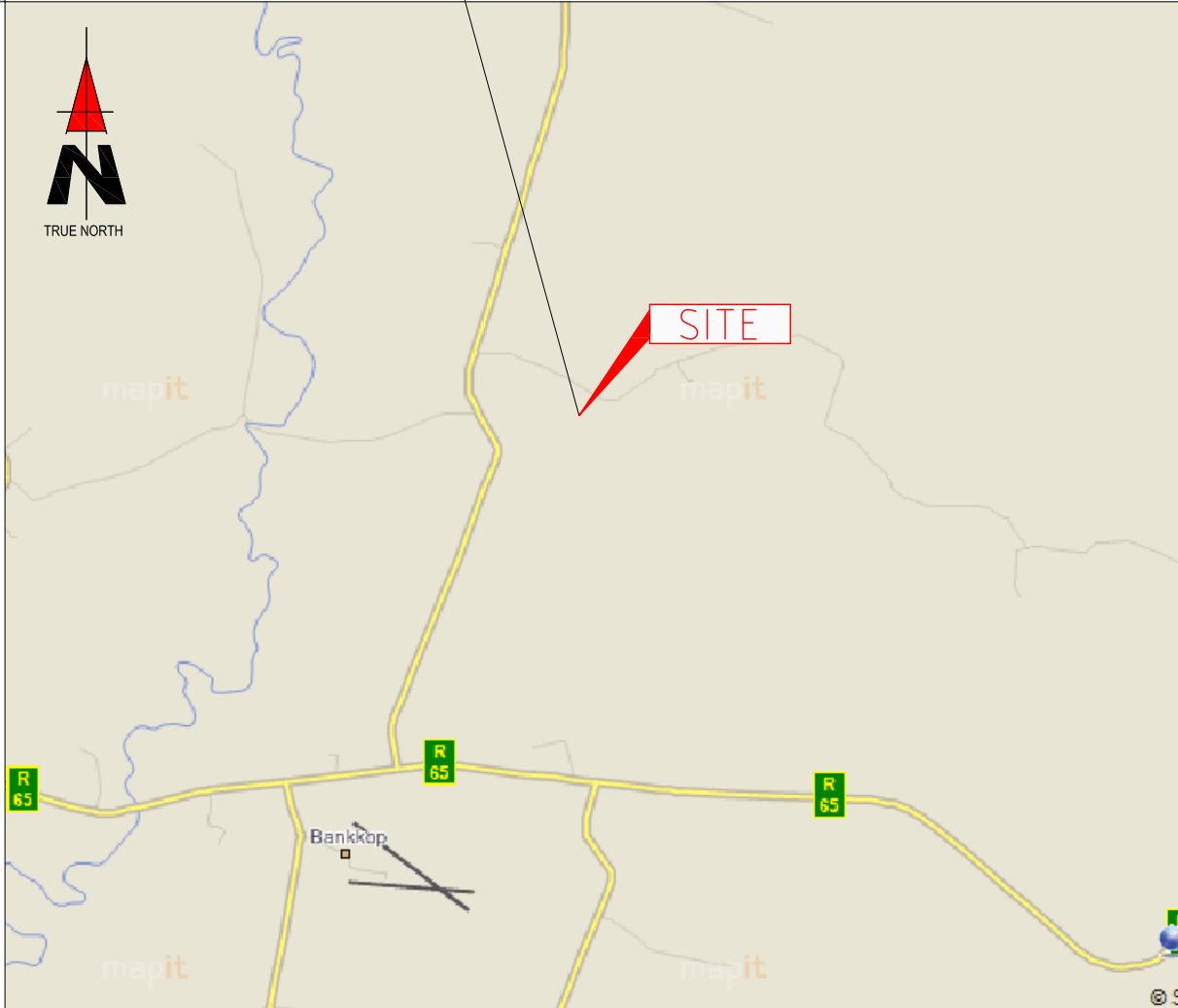


Appendix A: Site Plans



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

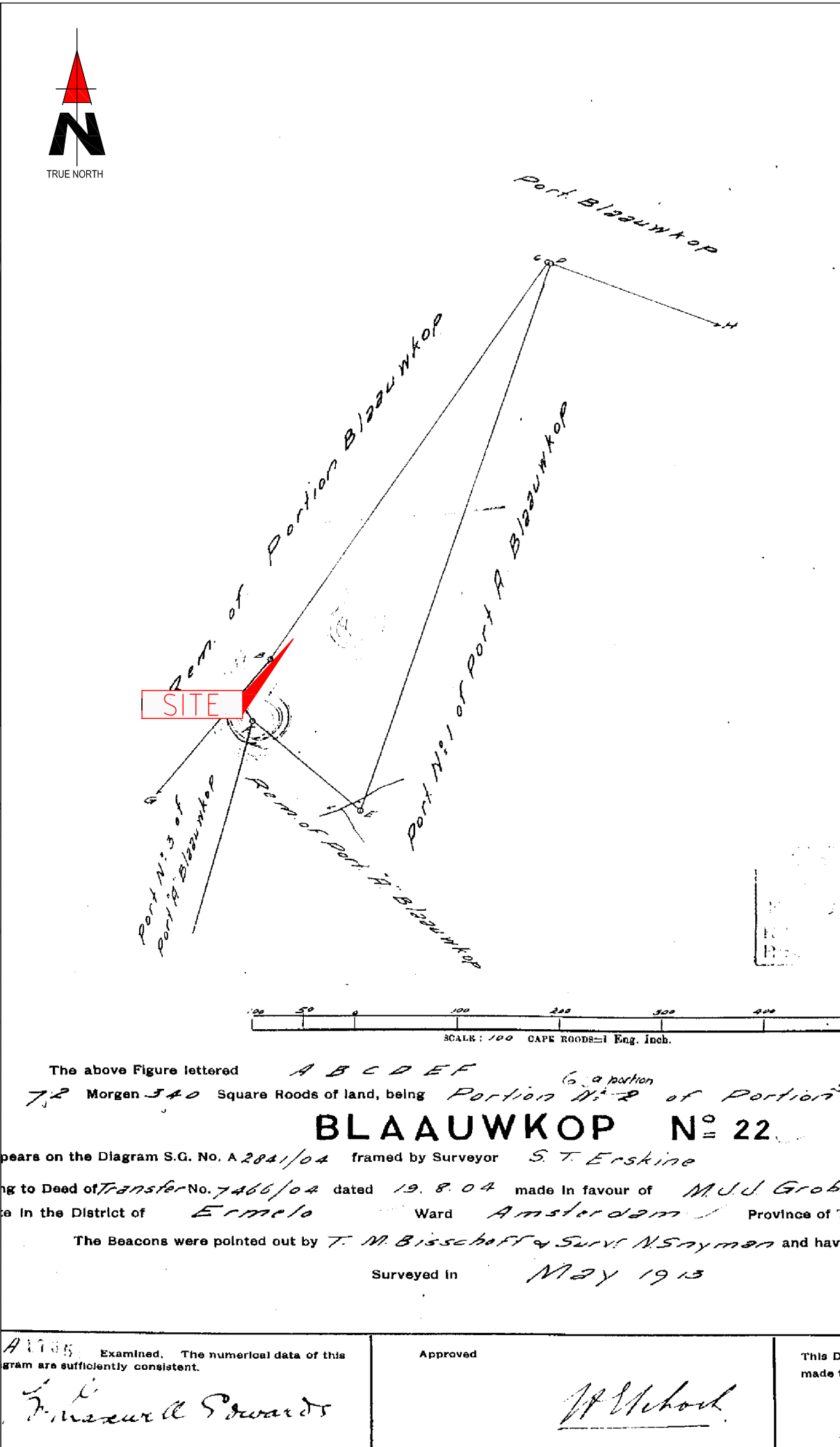
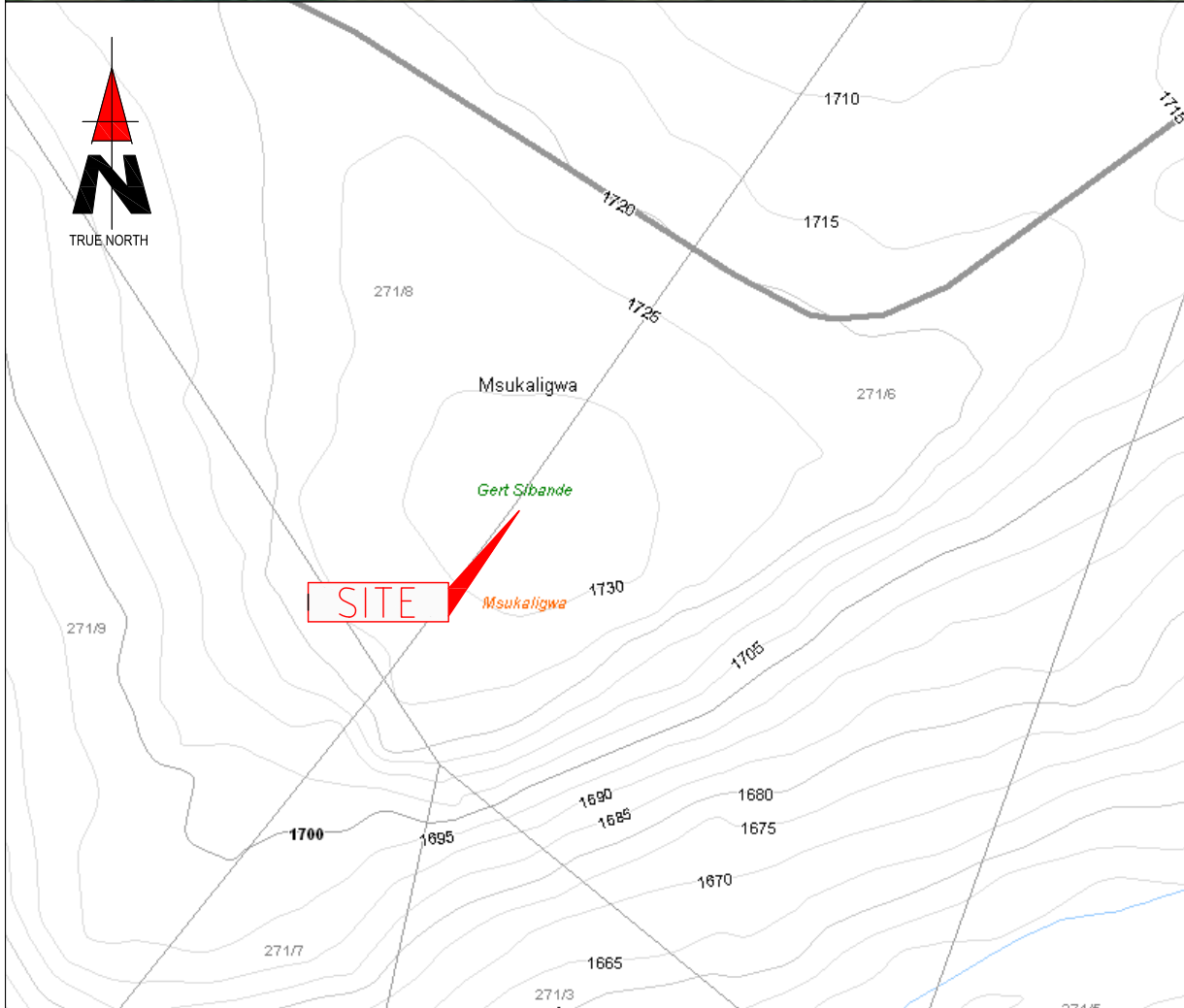
RFQ NO.:
155087

PROJECT NUMBER:
120169

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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





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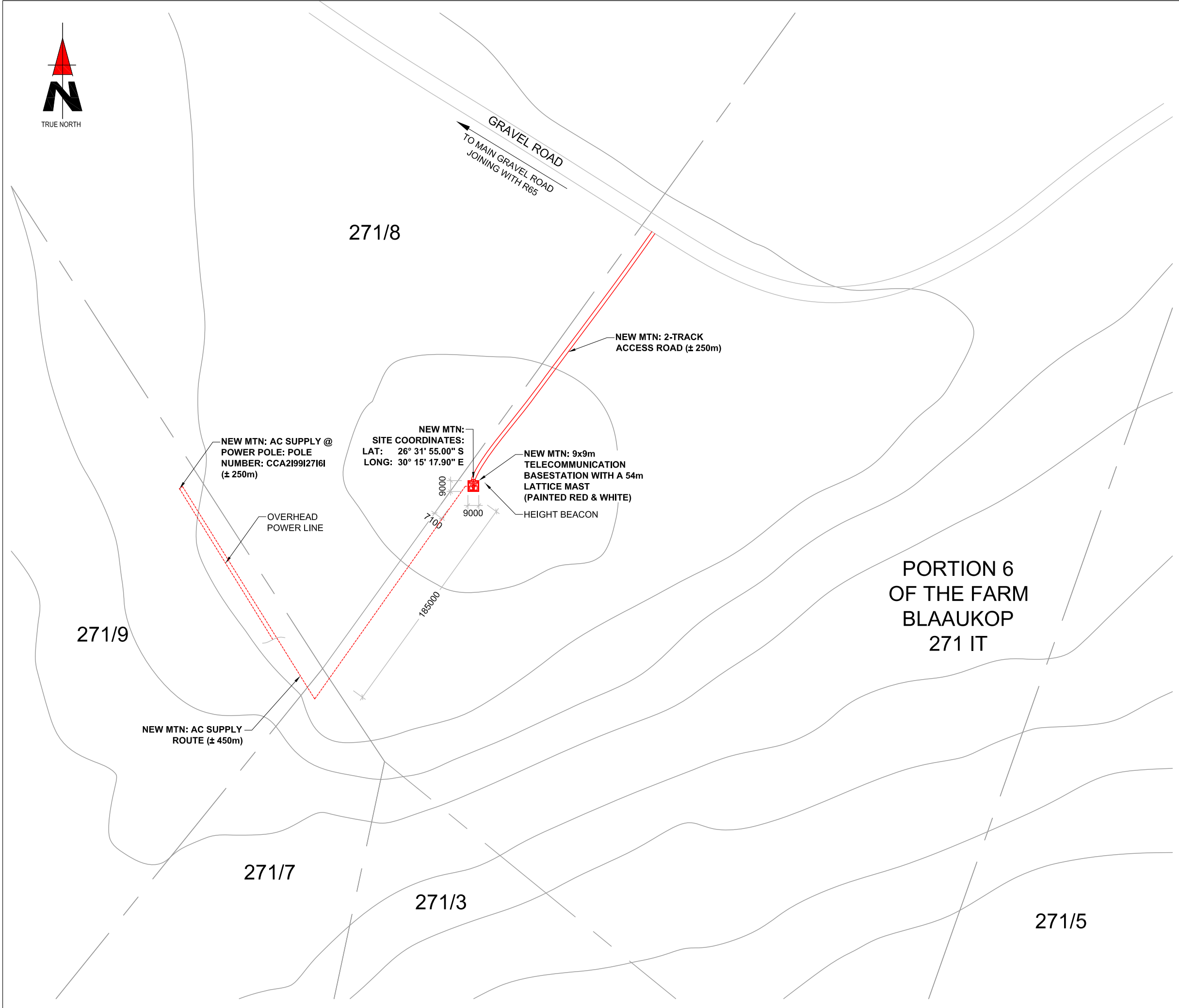
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SCALE: NTS	REF. NO: 812/T9513

CADASTRAL INFO SHEET 2 OF 9



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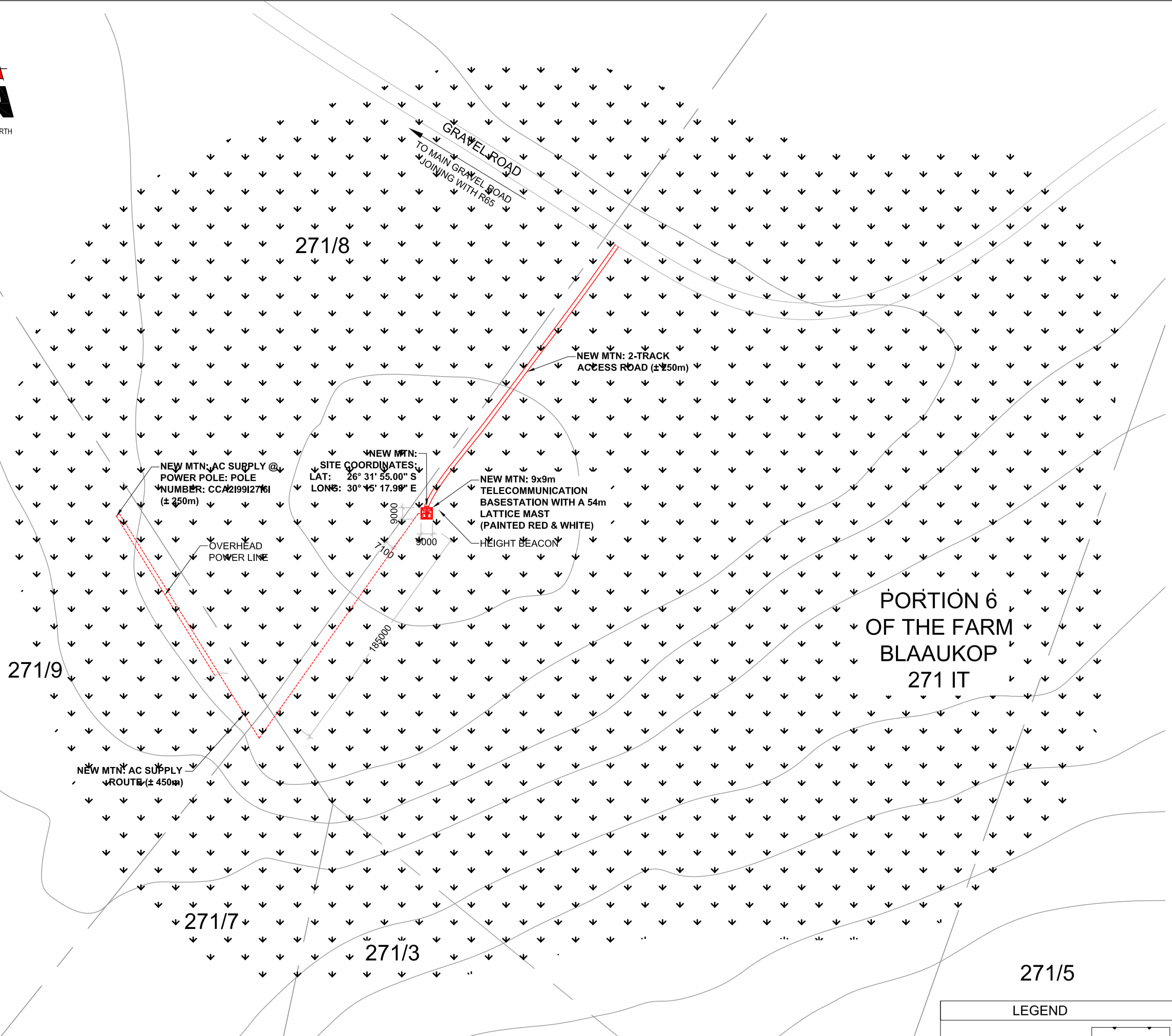
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ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: JAN MALAN
SCALE: 1:3000

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

**SITE DEVELOPMENT PLAN
SHEET 3 OF 9**



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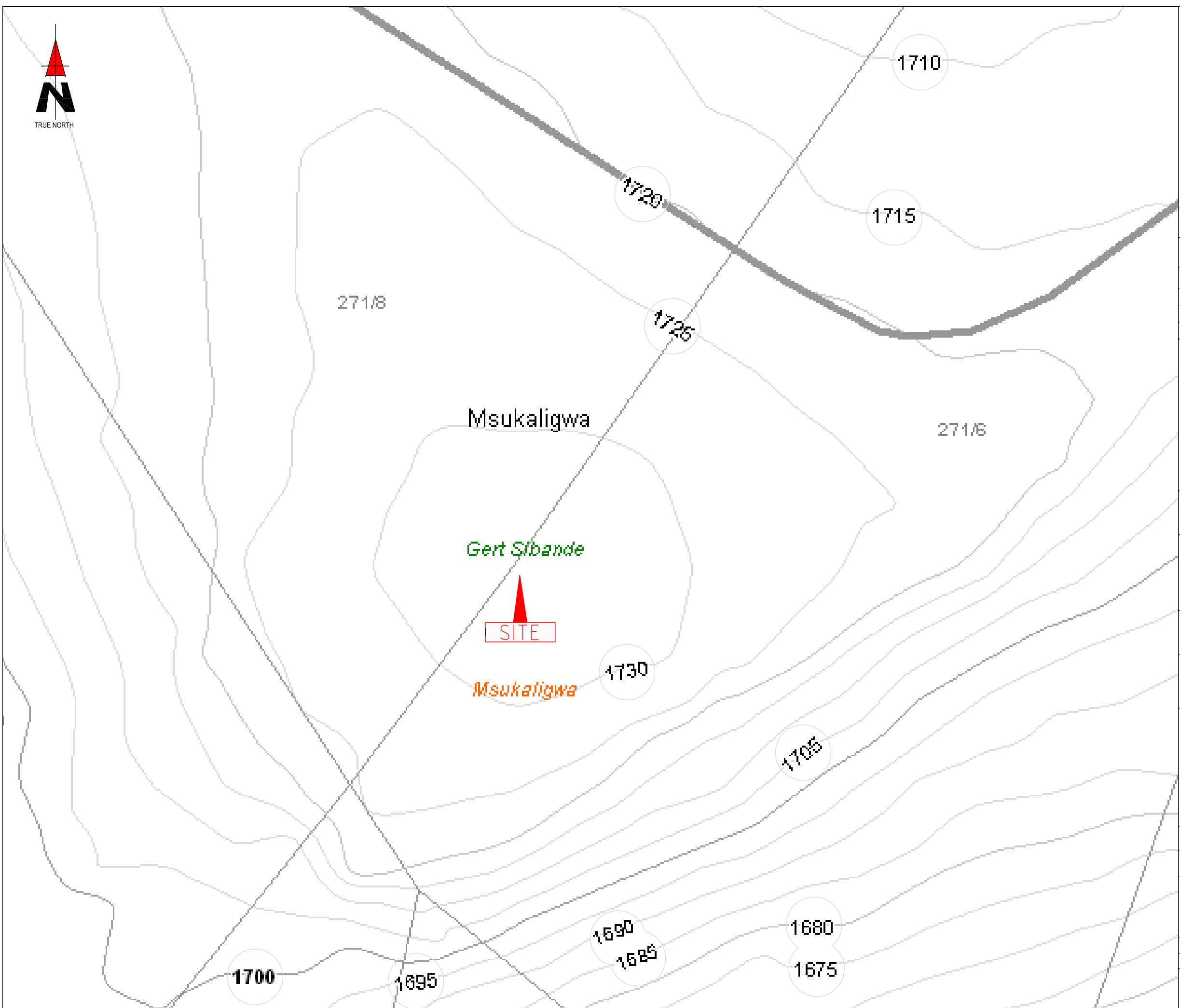
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DRAWN: JAN MALAN
SCALE: 1:3000

DATE: 30/11/2011
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LEGEND	
AGRICULTURAL	

CURRENT LAND USE
SHEET 4 OF 9



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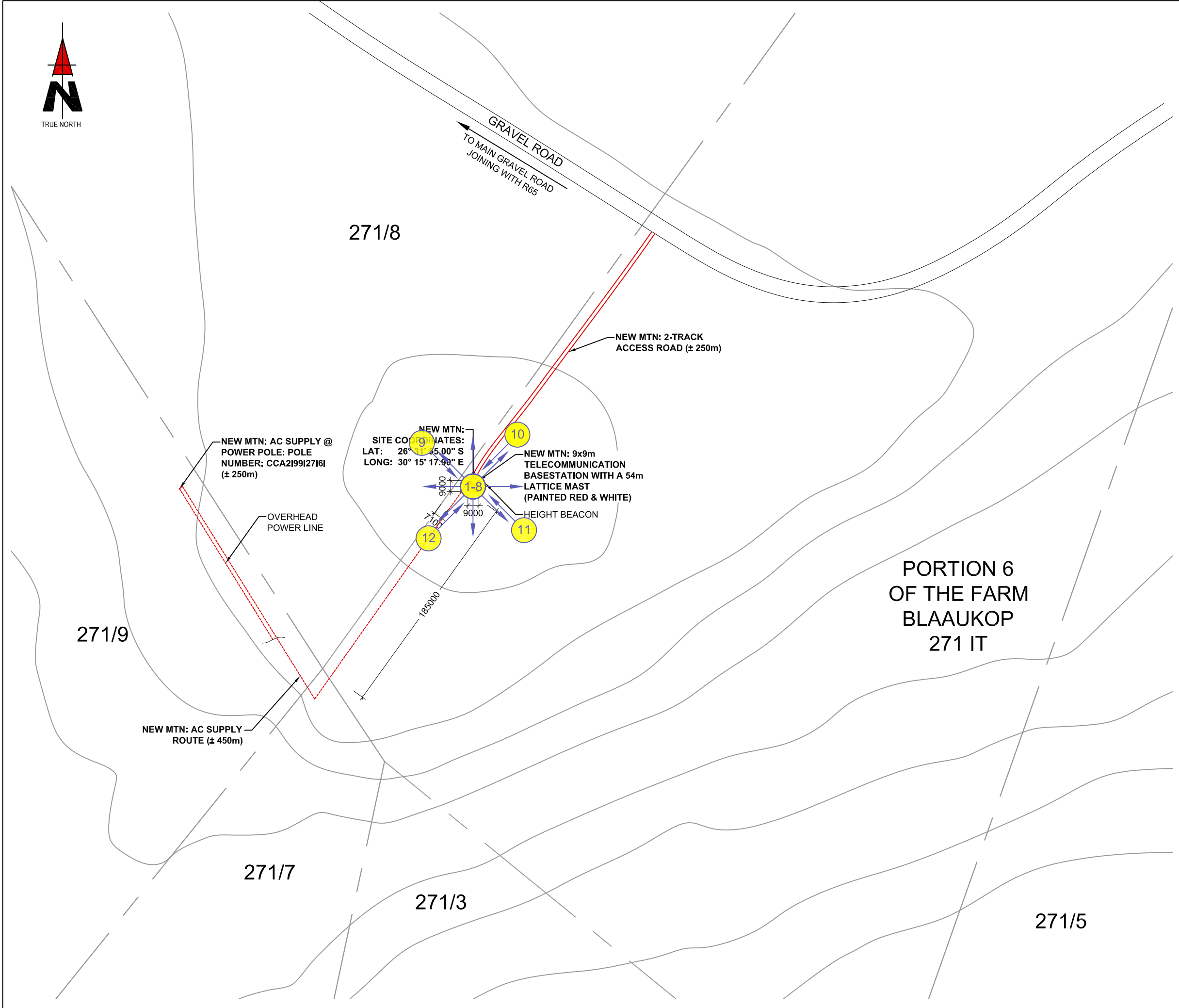
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SCALE: NTS

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

CONTOUR INTERVAL SHEET
5 OF 9

Appendix B: Site Photographs



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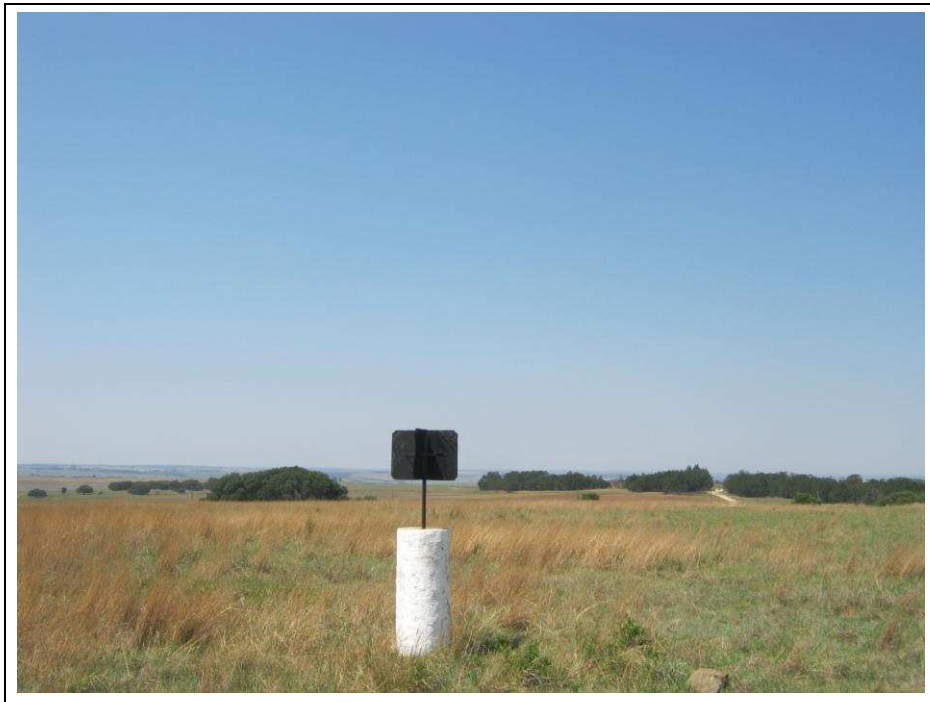
DRAWN: JAN MALAN
SCALE: 1:3000
DATE: 30/11/2011
REF. NO: 812/T9513

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

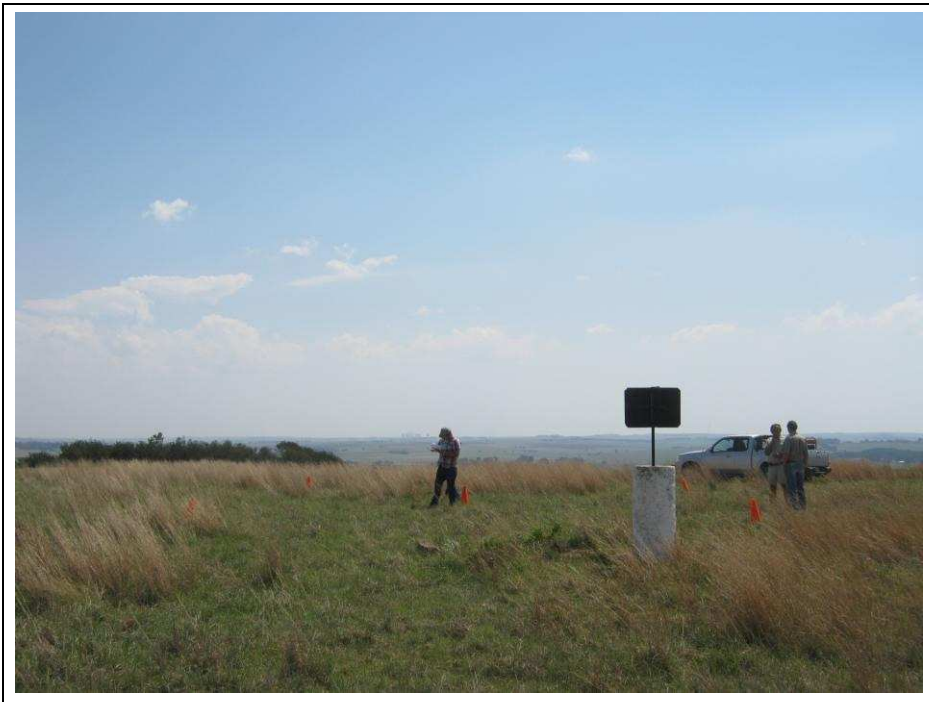


10. View on base station position direction South East

SITE PHOTOGRAPHS



11. View on base station position direction South



12. View on base station position direction West

SITE PHOTOGRAPHS



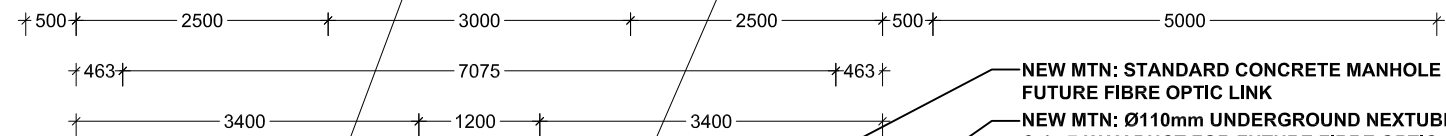
13. General view on site establishment area

Appendix C: Facility Illustrations



7100

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)



CONCRETE RAMP

3m SWING GATE

54m 3-LEGGED LATTICE MAST TO ENGINEER'S
DESIGN AND SPECIFICATIONS

FUTURE
GENERATOR

304mm OVERHEAD
CABLETRAY

CAT LADDER

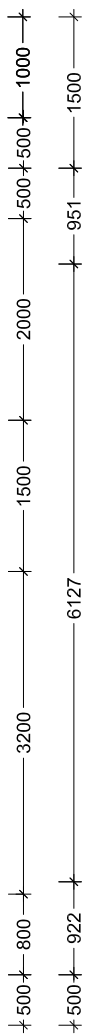
TELECOMMUNICATION
EQUIPMENT
CONTAINER

MTN
2.1x1.6m
MINI-D
EQUIPMENT
CONTAINER
WITH
EXTENSION

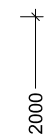
CONCRETE SURFACE
FINNISH

2.4m HIGH STEEL PALISADE FENCE WITH FLATWRAP RAZOR ON TOP

9x9m MAST FOUNDATION

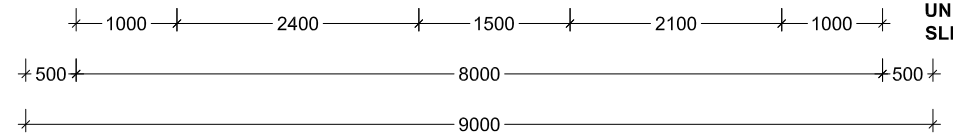


HEIGHT BEACON



PORTION 6 OF THE
FARM BLAAUKOP
271 IT

NEW MTN: Ø110mm
UNDERGROUND NEXTUBE
SLEEVE FOR AC SUPPLY



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	

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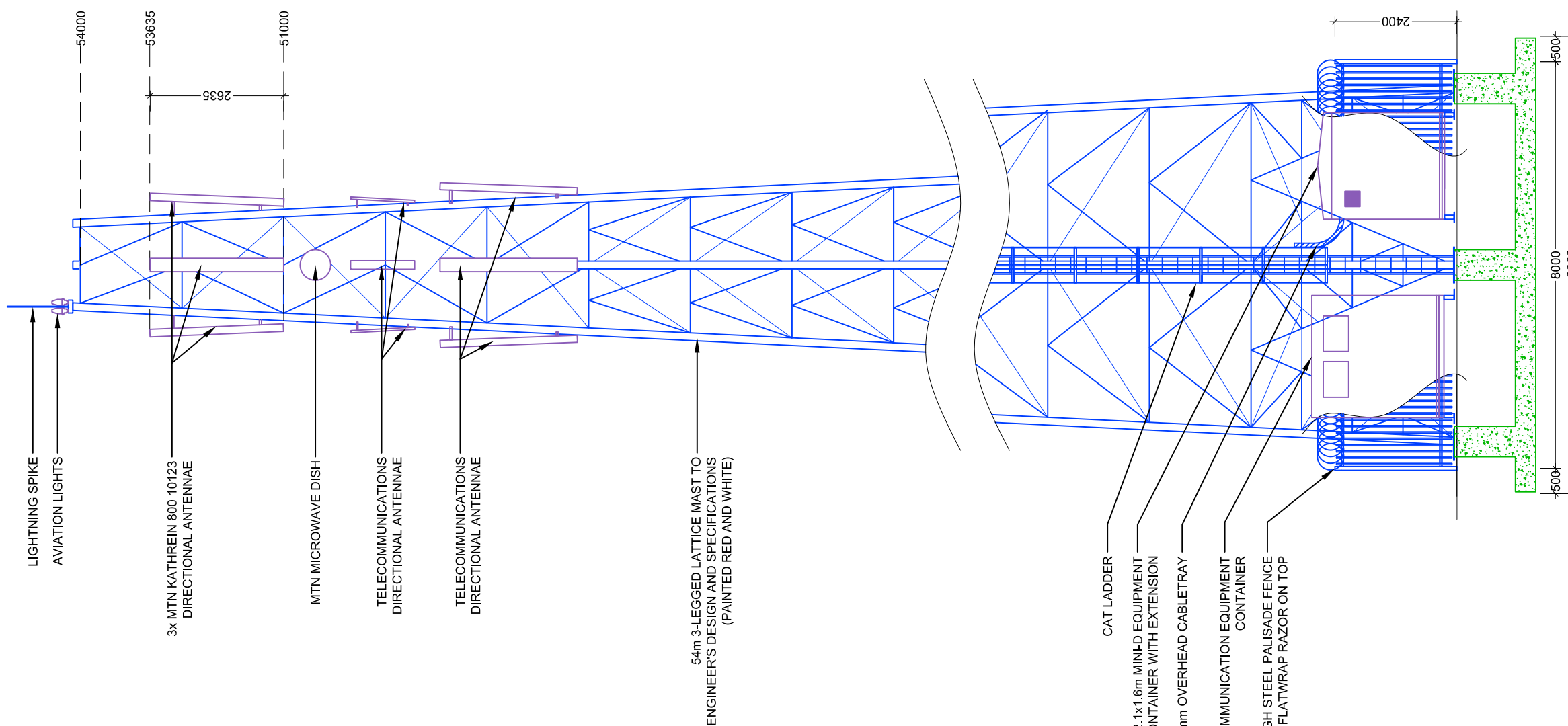
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DATE: 30/11/2011

SCALE: 1:75
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



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**SOUTH ELEVATION
SHEET 8 OF 9**

PROPOSED



TYPICAL LATTICE MAST
(PAINTED RED & WHITE)



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Appendix D: Specialist Reports – Not Applicable

Appendix E: Comments and responses report

Interested & Affected Parties Register / Comments and Responses Report

Site number: **T9513**
 Site Name: **Blaaukop Farm**
 EIA reference no: **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 Sent copy of Final 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 Sent copy of Final 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 Sent copy of Final 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 Sent copy of Final 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 Parks Board, Senior Manager - Ms Claudia Qwabe, Halls Gateway, N4 National Road Private Bag x11338, Nelspruit, 1200, Tel 0137595304, Fax 0137524186, Email cndabeni@mtpa.co.za	Public Notice	Auto I&AP	No comments received	Sent Draft BAR Sent copy of Final 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 Sent copy of Final BAR

Appendix F: EMPR



Environmental Management Program (EMPr)

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

Mobile Telephone Networks (Pty) Ltd

Project Reference Number:

17/2/3/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

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

1 INTRODUCTION

1.1 Background and Brief Project Description

The proposed project involves ***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 EMPR

The purpose of the EMPR is to set environmental targets for the Contractor and reasonable standards against which the Contractor's performance in this regard can be measured during construction. This document will form the basis for the environmental specifications that the 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 EMPR addresses issues in order to ensure that all environmental aspects are carefully considered and monitored and adverse impacts managed. It is important to note that the development and implementation of environmental specifications is ongoing and the EMPR is typically dynamic in nature.

1.1.2 Contents of the EMPR

The EMPR consists of the following sections:

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

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

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

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

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

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

2 ADMINISTRATION AND REGULATION OF ENVIRONMENTAL OBLIGATIONS

2.1 Environmental Site Agent

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

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

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

2.2 Environmental Awareness Training for Site Personnel

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

2.3 On Site Communication Procedure

2.3.1 Environmental Awareness Training for Site Personnel

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

2.3.2 Record Keeping

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

2.3.3 Photographs

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

2.3.4 Environmental Audit Report

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

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 EMPR during the construction phase. All audits will be signed off by the HOD Implementation and/or Property Supervisor and/or National Property Manager.

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

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

3 ENVIRONMENTAL SPECIFICATIONS: CONSTRUCTION PHASE

3.1 Site Demarcation

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

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

3.2 Construction Facilities

3.2.1 Construction Camp

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

3.2.2 Toilet Facilities

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

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

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

3.2.3 Water Provision

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

3.2.4 General Aesthetics

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

3.3 Site Clearing

3.3.1 Vegetation Clearing

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

3.3.2 Site Access

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

3.3.3 Trenching

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

3.4 Materials Handling and Storage

3.4.1 Handling

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

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. Also check: ➤ That the source causing the spillage is decommissioned, and that the affected area is isolated to prevent spreading of the hazardous substance	Action will be required asap by following the next steps: ➤ Dig down into the soil to see how far down the pollution has penetrated; ➤ If penetration is less than 300mm: a. Turn the soil over to expose it to the air; b. Apply Mono Ammonium Phosphate (MAP) at a rate of 58gr/m ² to the dug up soil c. Water enough to keep the soil moist ➤ If penetration is greater than 300mm: a. Remove the affected soil and spread in a layer not more than 300mm thick; b. Apply MAP at a rate of 50gr/m ² c. Water enough to keep the soil moist ➤ Repeat the above steps every 6 weeks or until the soil is clean
General Surface Erosion	Report to ESA and continue observations. Also check: ➤ 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 EMPR has been assessed/reviewed and agreed with:

HOD – Implementation

Name: _____

Region: _____

Date: _____

SUPERVISOR – Property

Name: _____

Region: _____

Date: _____

Environmental Consultant (ESA)

Name: _____

Company: _____

Date: _____

HOD - Maintenance

Name: _____

Region: _____

Date: _____

Appendix G1: Public Participation and Other Information

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

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

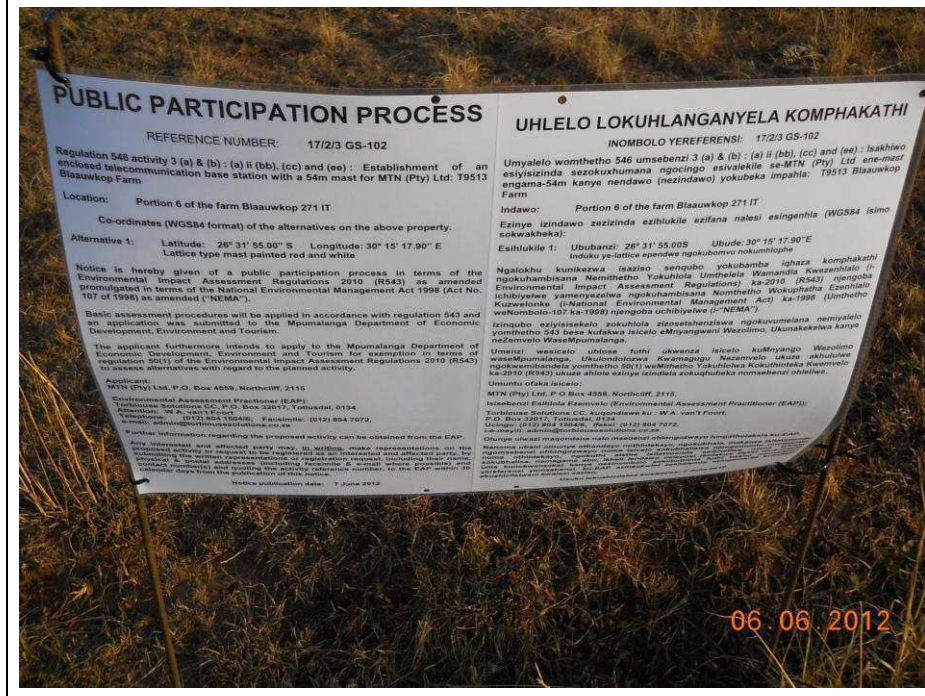
G1(c) - South African Civil Aviation Authority Information

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

G1(e) – Register of Interested and Affected Parties

G1(a) – Proof of Site Notice

Proof of Site Notice



Site Notice 1 affixed to temporary stand next to access road

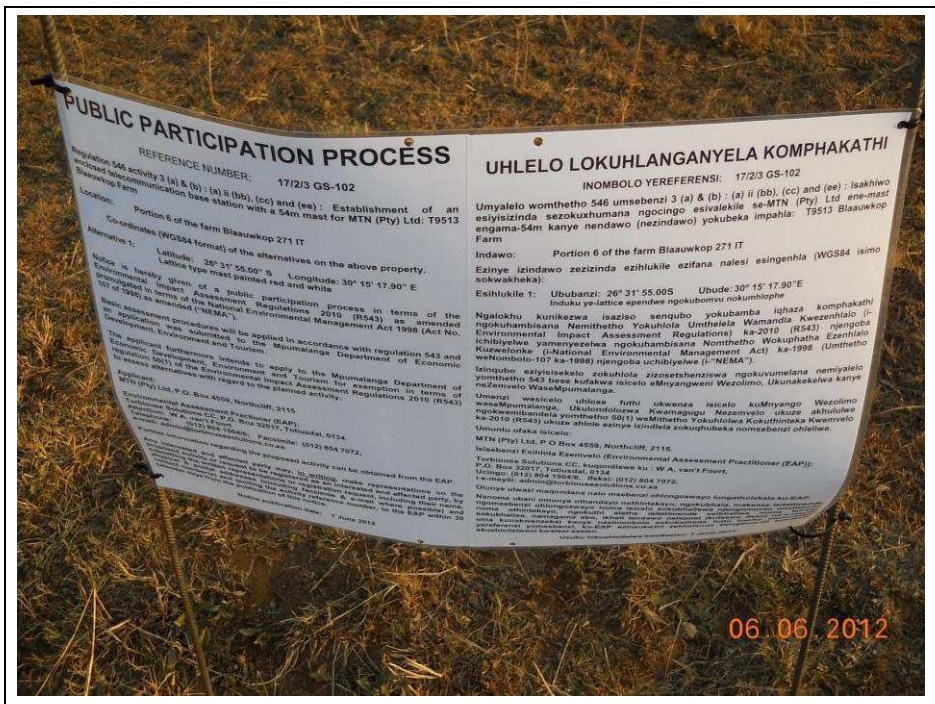


Site Notice 1 affixed to temporary stand next to access road

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

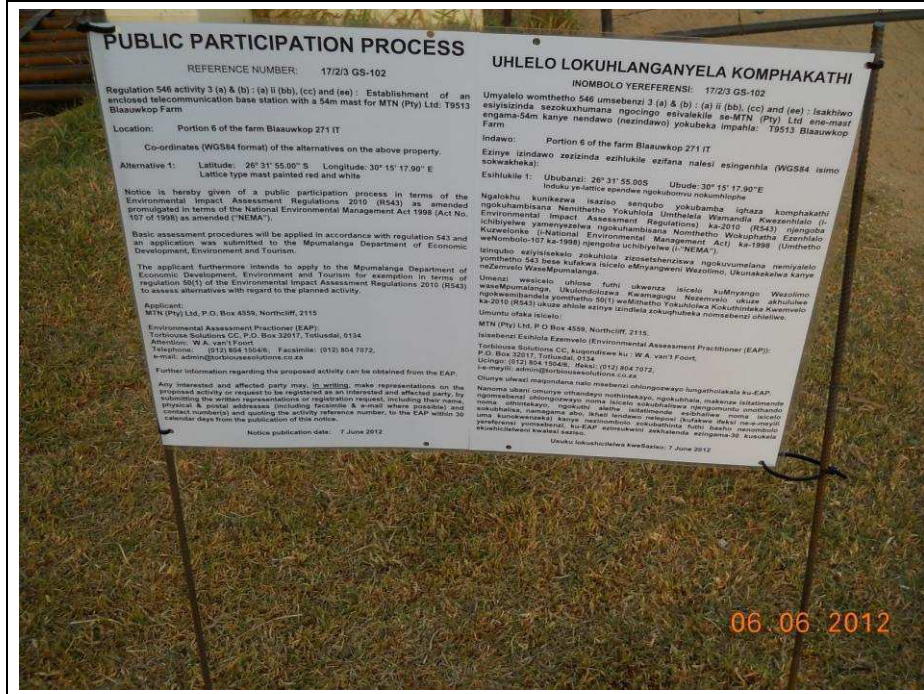


Site Notice 2 affixed to temporary stand next to access road



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

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 THB: Timer TX, POL: Polling, ORG: Original Size Setting, FHE: Frame Erase TX,
 MIX: Mixed Original TX, CALL: Manual TX, CSAC: CSAC, 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
 Maukalgwa 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).

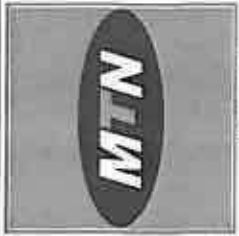
We request you to evaluate the attached information on the proposed project and provide us with your written comments and/or inputs, if any, by faxing or e-mailing such within 30 days from the date of this notification. It will be assumed that you do not have any comments on the Environmental Application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



1501 Branda Street
 Block 8, Hardsbuisse Complex
 Vanderbijlpark, 7030

Phone: 011 237 2000
 Fax: 011 237 1026
 Website: www.mtn.co.za

SITE NAME: T9513

PHASE 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 2711 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 Branda Road
 Vanderbijlpark
 0154

Tel: +27 (0) 237 2000
 Fax: +27 (0) 237 1026
 www.infrastructure.mtn.co.za

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)

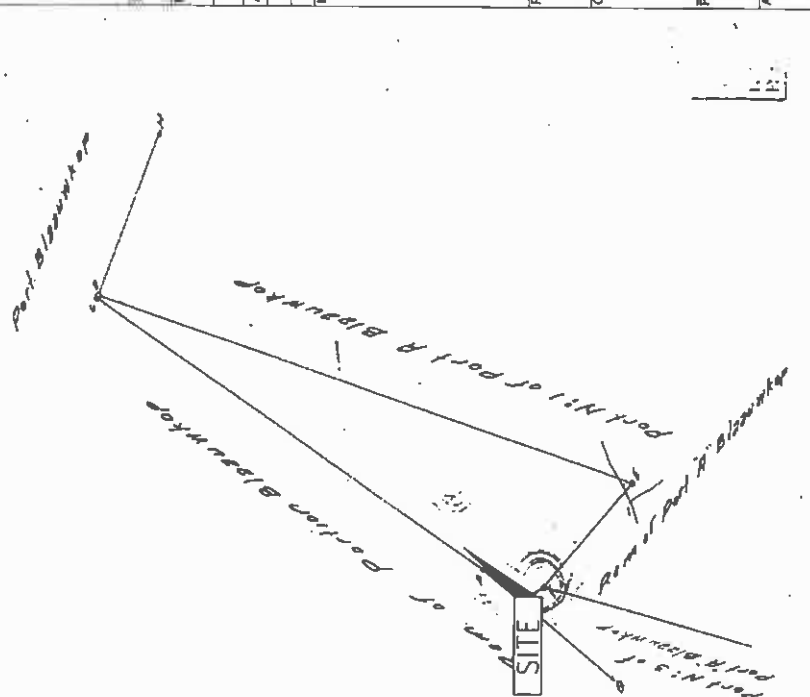
DRAWN: JAN MALAN

DATE: 30/11/2011

REF. NO: 812/0613

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 AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC CD CE CF CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DD DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JV JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LL LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NN NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QP QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV YW YX YY YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ

BLAAUKOP N° 22.

framed by Surveyor S. T. Erskine

made in favour of M. U. Grobler

dated 19.8.08

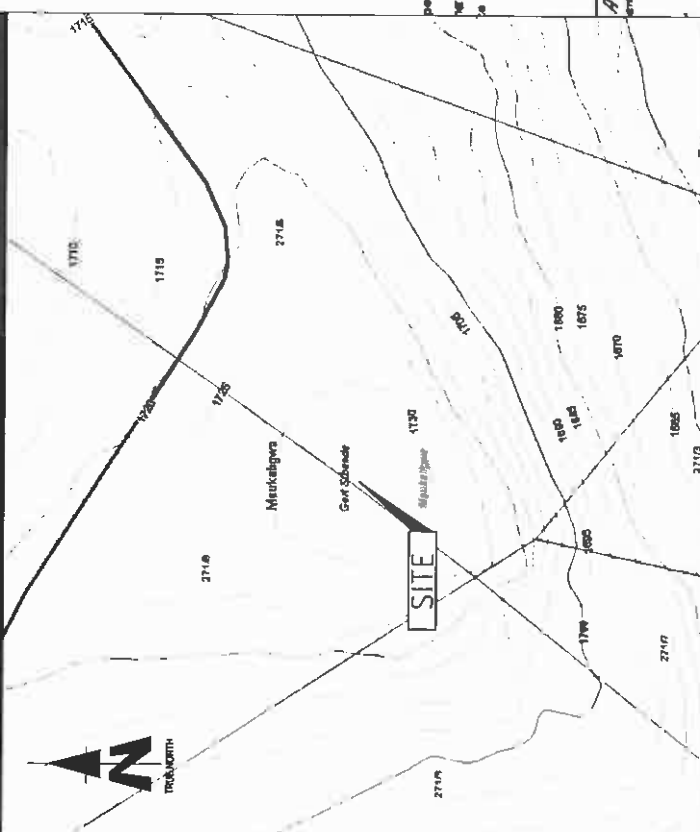
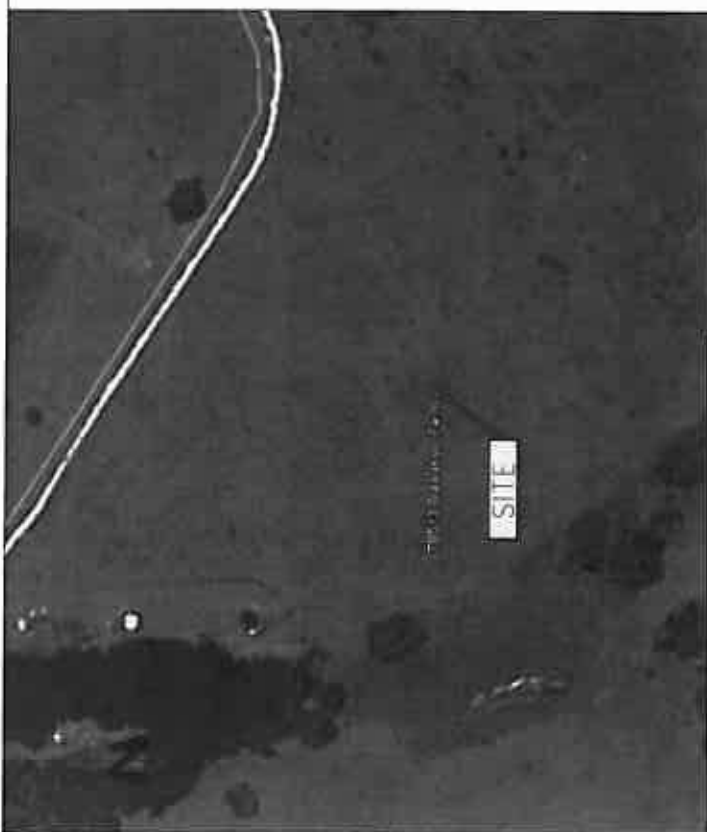
Ward Amersfoort Province of T

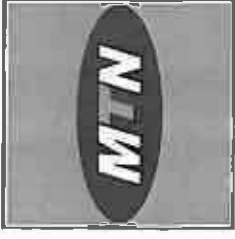
Surveyed in MAY 1913

The Bascons were pointed out by T. M. Brouwer, S. van N. Strydom and have

Approved

The diagram is the property of the State and is not to be used for any other purpose without the written consent of the State.





1917 Oudekraal Street
 Block 8, Helderberg Complex
 Harare, 0083

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

Postal Code: 104
 Phone No: 211
 Harare, 0083

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 9.8m TELECOMMUNICATION BASESTATION
 WITH A 54m LATTICE MAST
 FOR MTN (PT) LTD
 ADDRESS:
 OFF THE T65 TOWARDS ERMELO.
 ON RIGHT HAND SIDE.

INFRASTRUCTURE PLANNING SERVICES

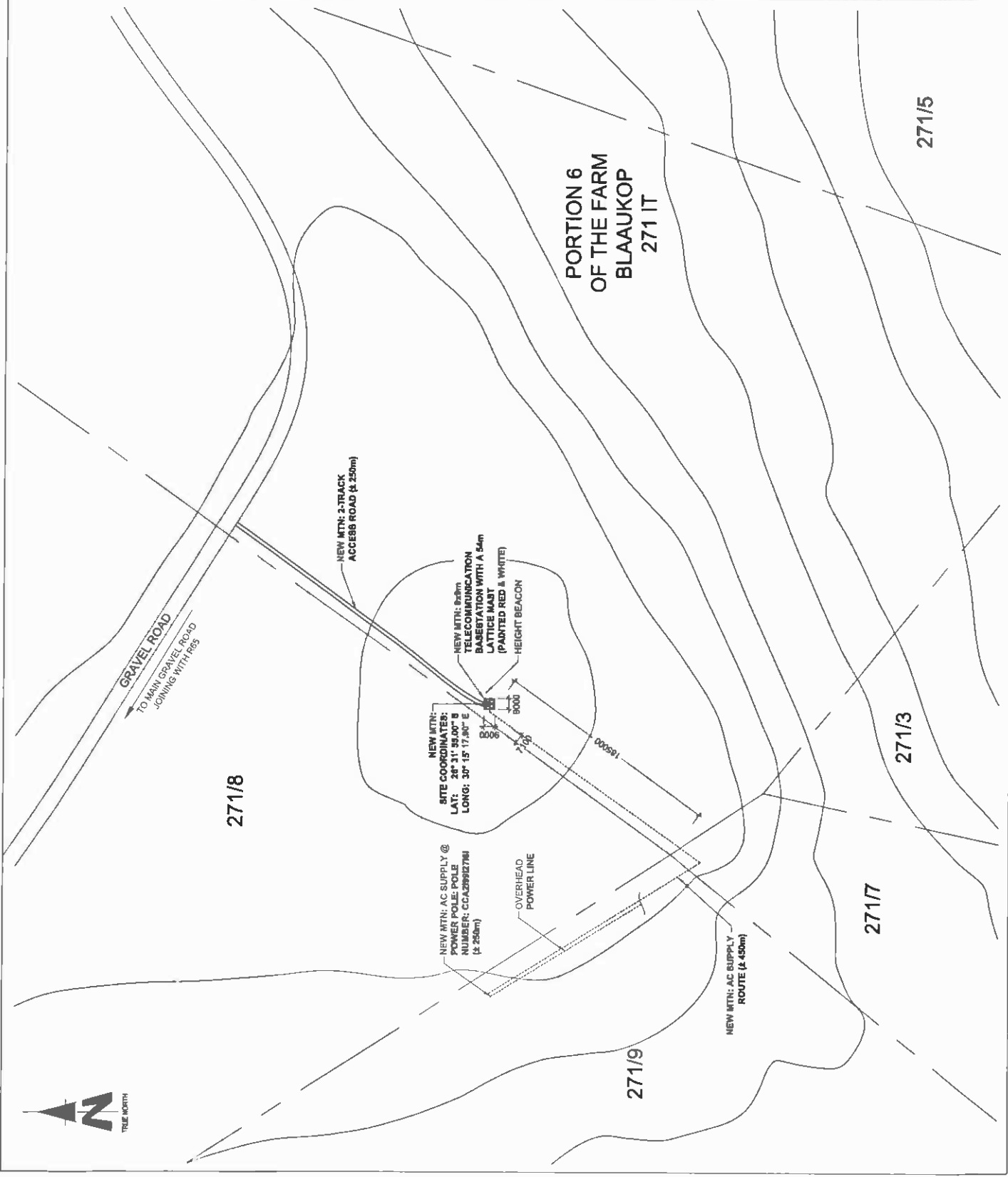
414 Pacific Road
 Silverwood
 0154
 Tel: +27 (0) 854 19049
 Fax: +27 (0) 854 7072
 email: ips@infrastructure.co.za

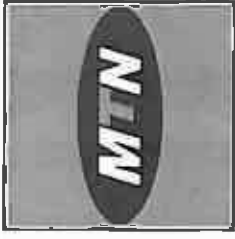
P.O. Box 32817
 Tembisa
 0154

REG NO.: 159087
 PROJECT NUMBER:
 120189

DRAWN: JAW MALAN
 SCALE: 1:2000
 DATE: 30/11/2011
 REF. NO: 812/T8513

SITE DEVELOPMENT PLAN
 SHEET 3 OF 9





1957 Pindarok Street
Block 8, Helderberg Complex
Helderberg, 2011
Tel: 011 715 1414
Fax: 011 715 2428
Project Name: 1957 Pindarok Street
Helderberg, 2011

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

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

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

INFRASTRUCTURE PLANNING SERVICES

IPS

414 Roubie Road
Blaauwbaai
0154
Tel: +27 (0) 21 504 5048
Fax: +27 (0) 21 504 7072
www@ipsplan.co.za

P.O. Box 30017
Tombura
0154

RFD NO.: 155087
PROJECT NUMBER: 120109

DRAWN: JAN MALAN
SCALE: 1:3000

DATE: 30/11/2011
REF. NO: B12/T9513

CURRENT LAND USE
SHEET 4 OF 9

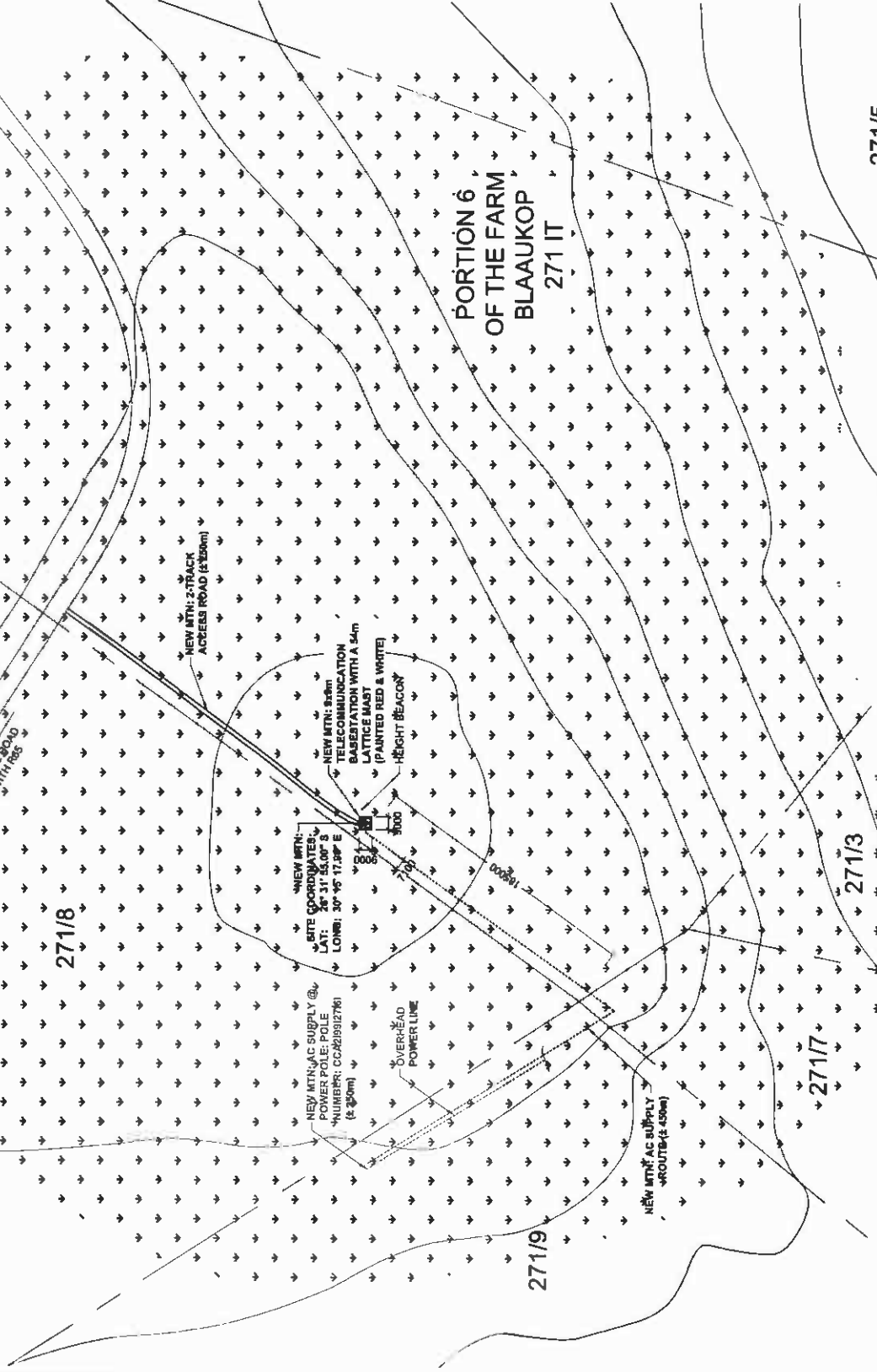
LEGEND
AGRICULTURAL

271/5

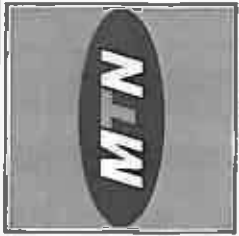
271/8

271/7

271/9



TRUE NORTH



1517 Pekaia Street
 Block 8, Maitland Computer
 Maitland, 0683
 Tel: +27 (0) 341 341 300
 Fax: +27 (0) 341 341 305
 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 960m TELECOMMUNICATION BASESTATION
 WITH A 54m LATTICE MAST
 FOR MTN (PTY) LTD

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

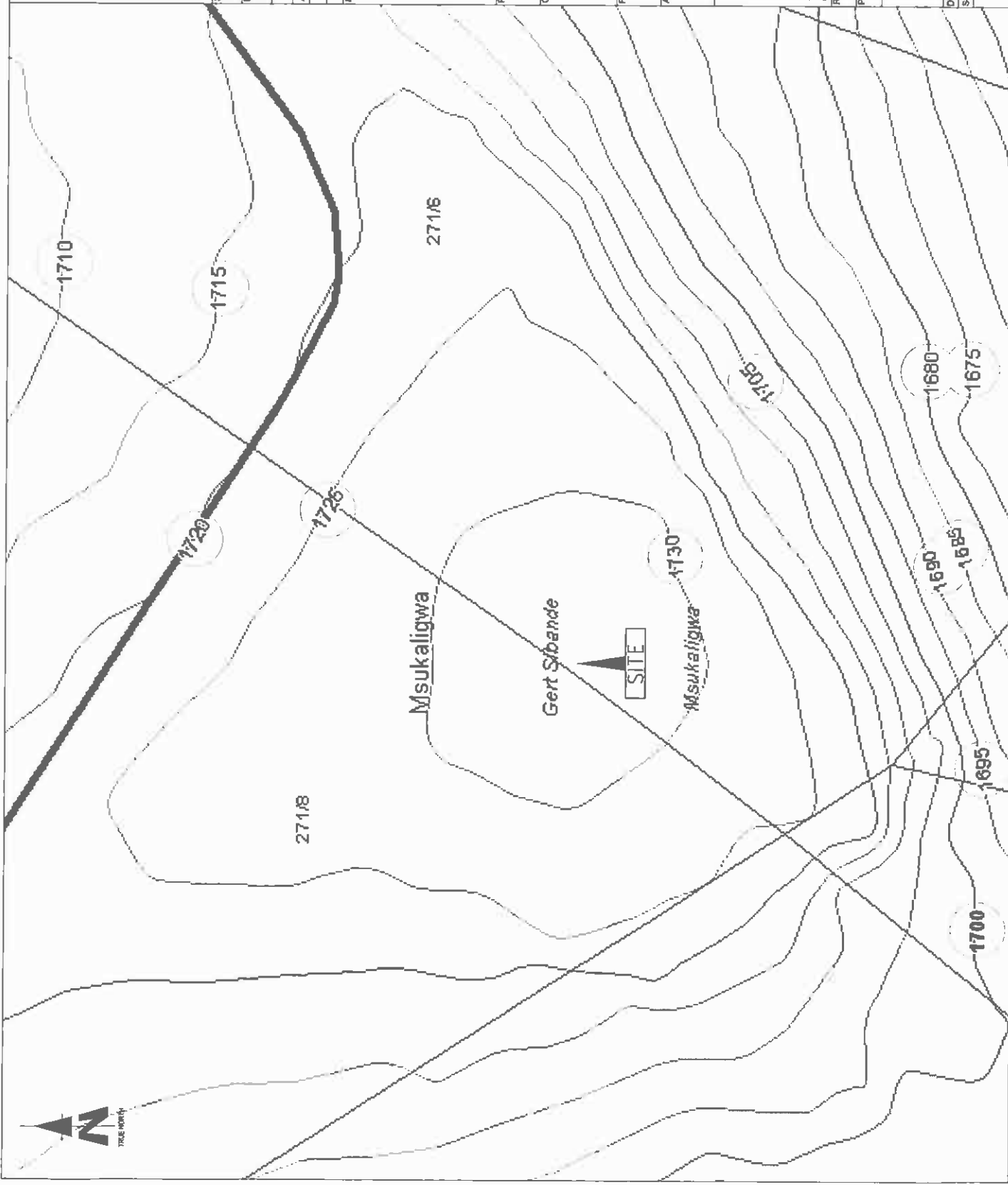
INFRASTRUCTURE
 PLANNING SERVICES

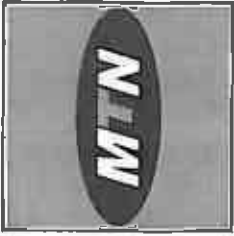
414 Quaker Road
 Blydenburg
 0154
 Tel: +27 (0) 854 19248
 Fax: +27 (0) 854 7072
 info@ipsplanning.co.za

REF NO.: 155087
 PROJECT NUMBER:
 120189

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

SCALE: NTS
 CONTOUR INTERVALSHEET
 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.

IPS
 INFRASTRUCTURE
 PLANNING SERVICES

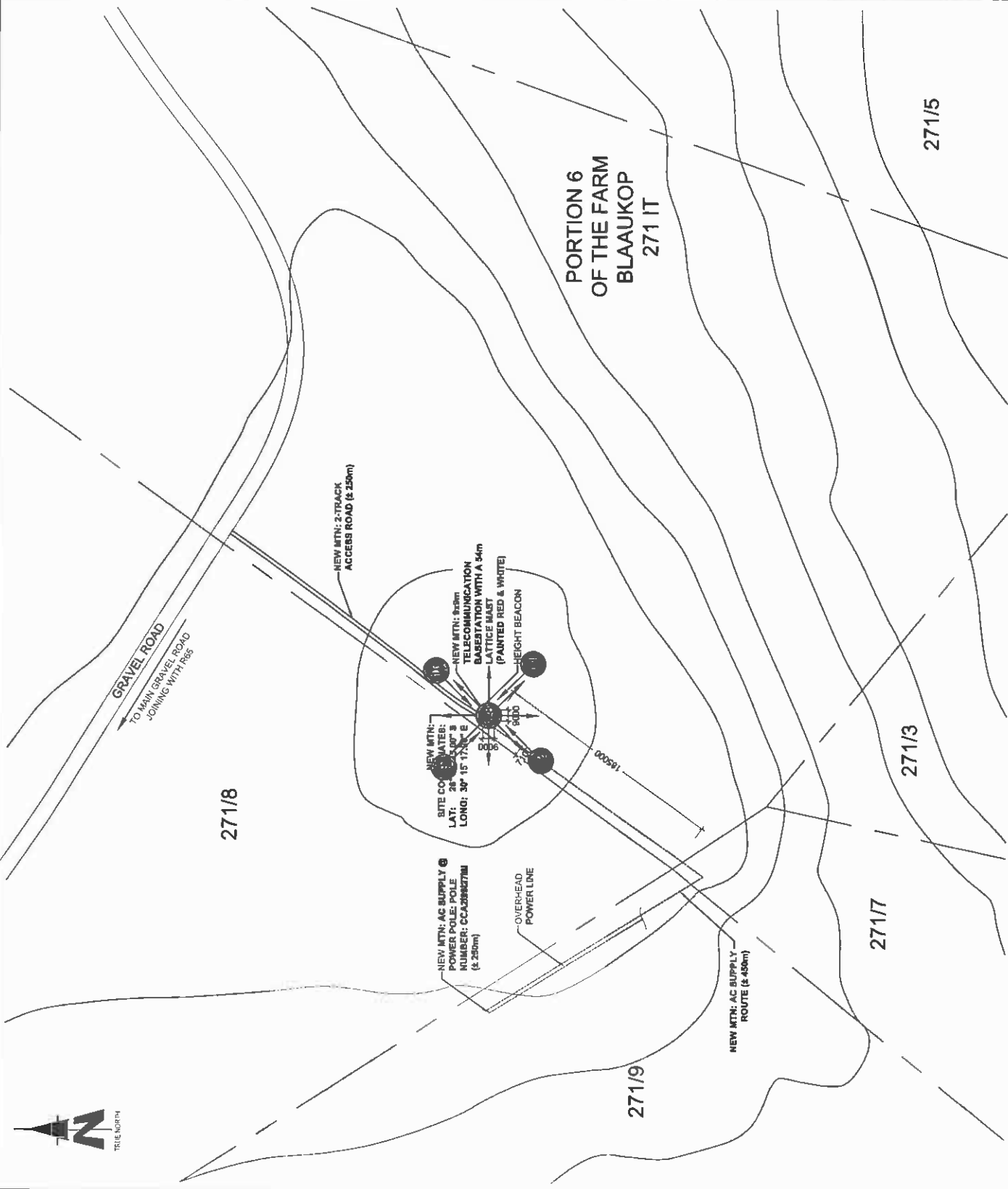
P.O. Box 26017
 Sandton
 2146
 Tel: +27 (0) 21 522 2000
 Fax: +27 (0) 21 522 2006
 www.ipsinfra.com

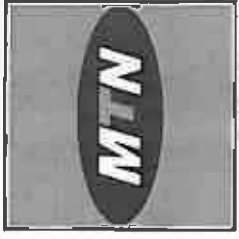
RFQ NO.: 155087
 PROJECT NUMBER: 120189

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





1507 Pheasant Ridge
 Block 8, Middelburg Campus
 Middelburg 5003
 Tel: +27 (0)53 937 7000
 Fax: +27 (0)53 937 7001
 Project Status: In Progress
 Project No: 15087

SITE NAME:
 T9513
BASE STATION NUMBER:
 BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

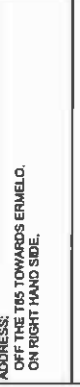
NOTES:
 OWNER: JACO GROBLER TRUST

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.



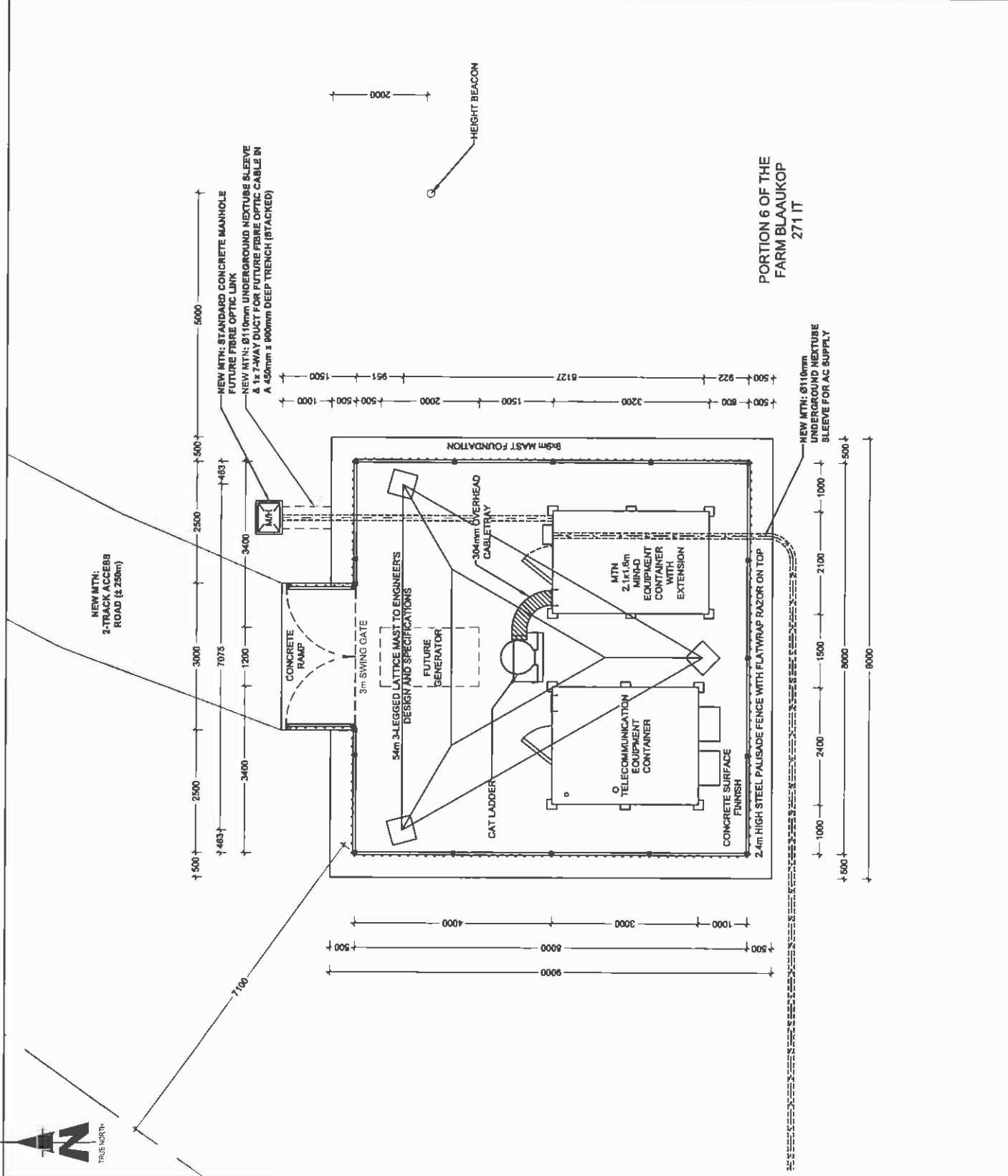
414 Dundas Street
 Johannesburg
 0154
 Tel: +27 (0)11 804 1004/8
 Fax: +27 (0)11 804 1012
 info@ipsi.co.za

PROJECT NUMBER:
 15087
 120189

DATE: 30/11/2011
REF. NO.: 612/08513

DRAWN: JAN MALAN
SCALE: 1:75

SITE DETAIL
SHEET 7 OF 9

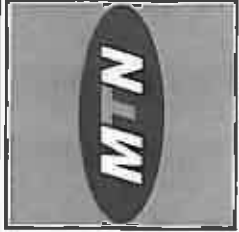
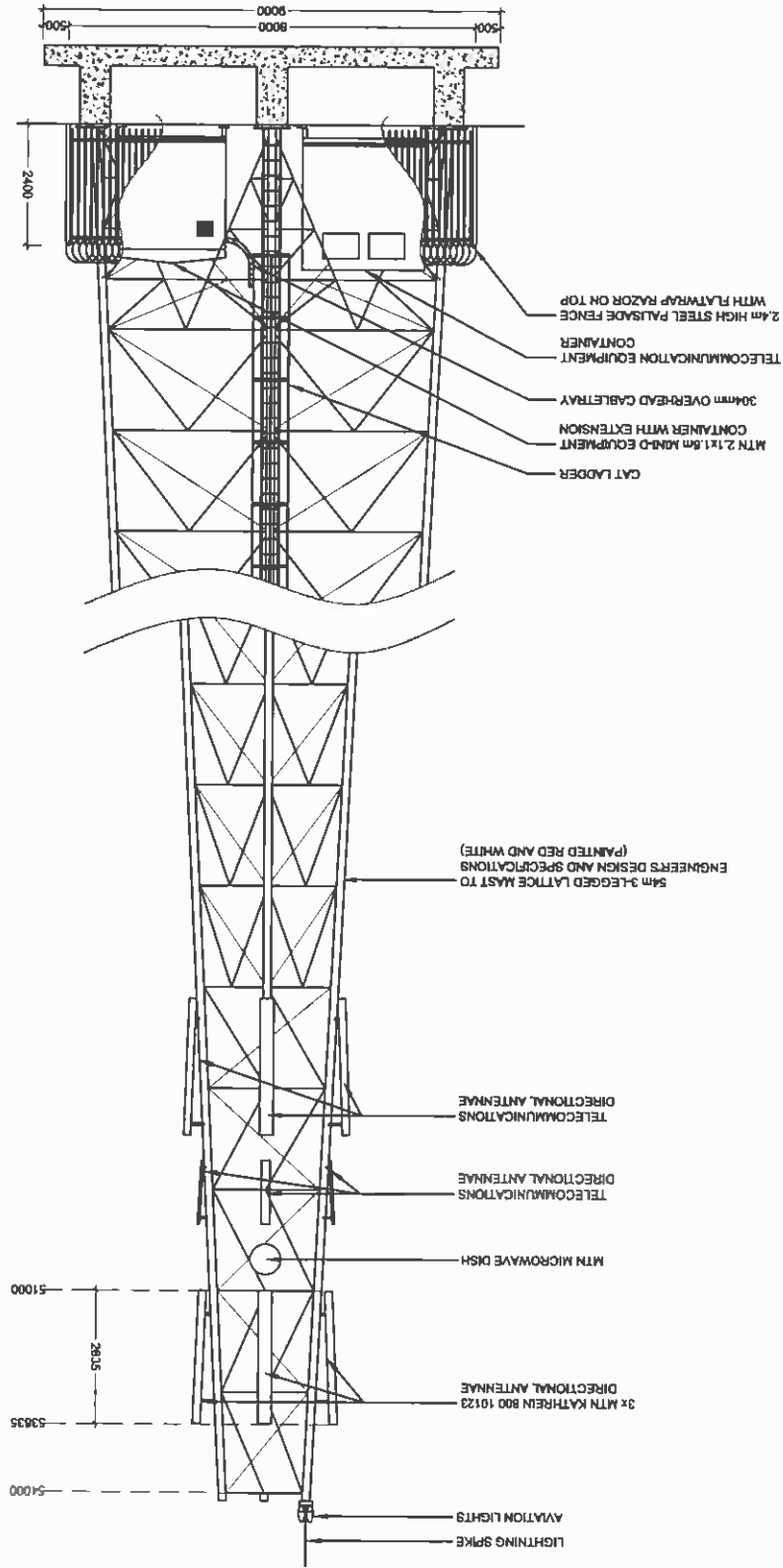


PORTION 6 OF THE
 FARM BLAAUKOP
 271 IT



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, 7382
 Tel: +65 (0) 6744 7000
 Fax: +65 (0) 6744 7001
 www.mtn.com.sg

Proposed Cell: 146
 Project No: 146
 Issue No: 0134

SITE NAME:
T9513

BASE STATION NUMBER:
BLAAUKOP 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 BLAAUKOP 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
 Durbanville
 0184
 Tel: +27 (0) 21 864 1648
 Fax: +27 (0) 21 864 1072
 info@ipsplanning.co.za

P.O. Box 30017
 Tukkieshoek
 0134

REF NO.:
 155087

PROJECT NUMBER:
 120169

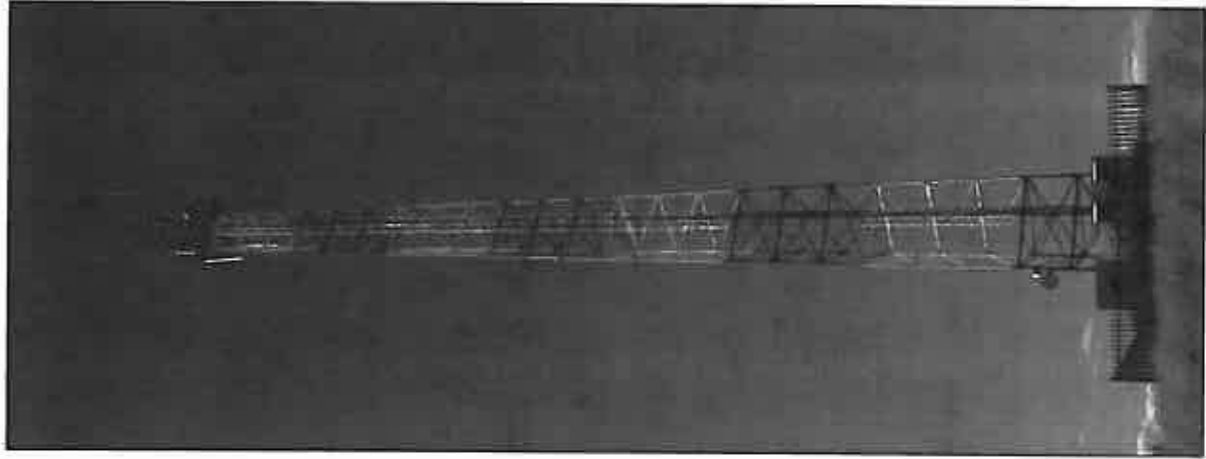
DRAWN: JAN MALAN
 DATE: 30/11/2011

SCALE: 1:100
 REF. NO: 812/78513

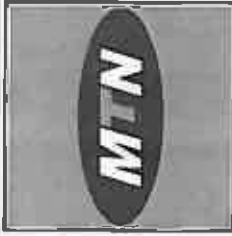
SOUTH ELEVATION
 SHEET 8 OF 9

DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION R01/1/001, ISSUE 1 (REVISION 0) NOVEMBER 2007

PROPOSED



TYPICAL LATTICE MAST
(PAINTED RED & WHITE)



1281 Pekaia Street
Block 8 Industrial Complex
Meadowlands, 2003
Tel: +27 (0) 343 5800
Fax: +27 (0) 343 8000
Private Bag 111
Meadow 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 Duiklo 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

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

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 8 TS SITE
INFRASTRUCTURE SPECIFICATION 800/1/001
ISSUE 1 (REVISION 0 NOVEMBER 2007)

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

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,
 RLX: 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.

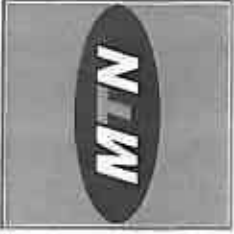
Please forward the attached documentation to the relevant Resident Association or provide us with their contact details.

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 Steered
 4th Floor
 Hillside, 2003
 Tel: +27 (0) 21 542 2900
 Fax: +27 (0) 21 542 2005
 Project No: T9513
 Admin: PMS

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' 17.00" E

PROJECT:

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

ADDRESS:

OFF THE T65 TOWARDS ERMELO,
 ON RIGHT HAND SIDE.

INFRASTRUCTURE
 PLANNING SERVICES



414 Bunkle Road
 Silvertonville
 0184
 Tel: +27 (0) 854 18046
 Fax: +27 (0) 854 7072
 www.ipsinfrastructure.co.za

P.O. Box 22817
 Tlokweng
 0134

RFQ NO.:

155087

PROJECT NUMBER:

120168

DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE
 USED. DIMENSIONS TO BE PERFORMED AT SITE BEFORE COMMENCEMENT
 OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO MTN 878 SITE
 INFRASTRUCTURE SPECIFICATION HD01/1001
 ISSUE 1 (REVISION 0) NOVEMBER 2007

DRAWN: JAN MALAN

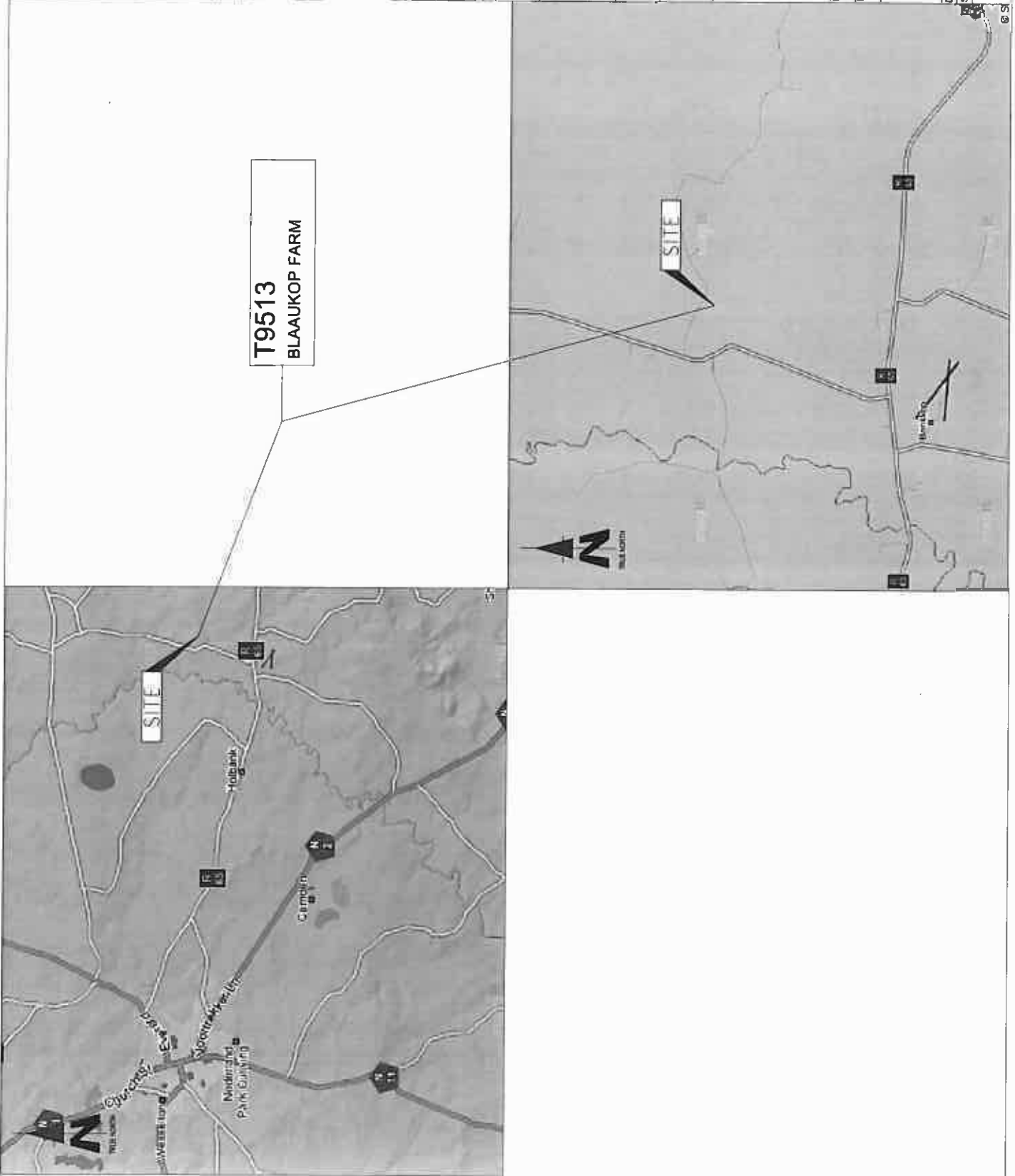
DATE: 30/11/2011

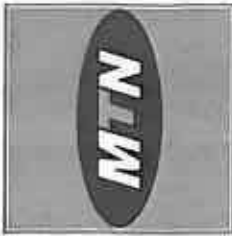
REF. NO: 612/T9513

SCALE: NTS

LOCALITY MAP

SHEET 1 OF 9





1267 Pretoria Street
Block 8, Houtboske Complex
Midrand, 0908
Tel: +27 (0) 343 2000
Fax: +27 (0) 343 2000
Private Bag 114
Midrand, 2008

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



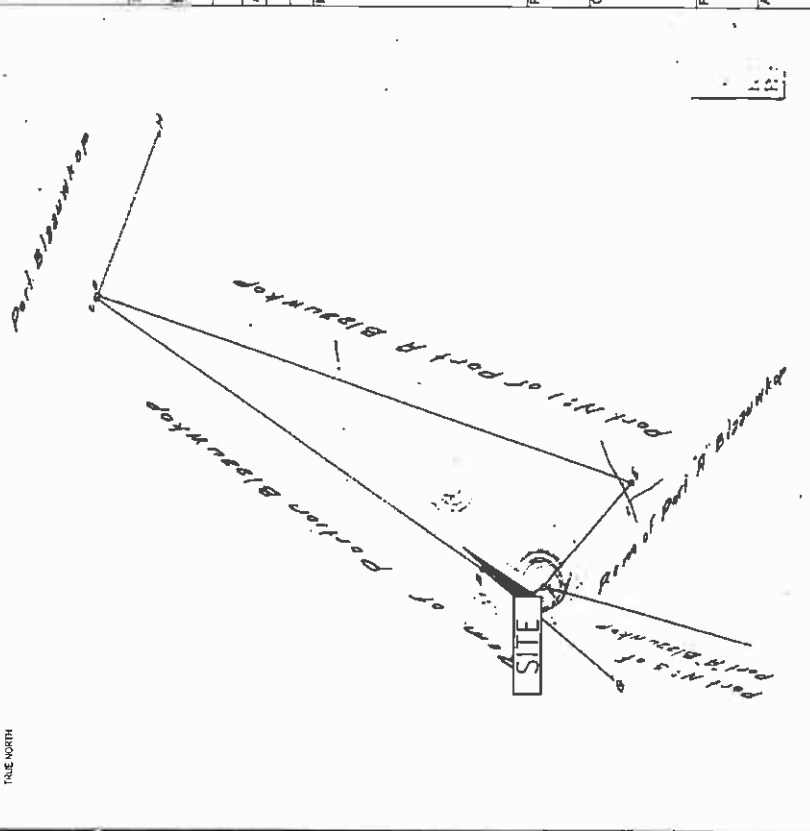
414 Public Road
Shirazwadi
0181
Tel: +27 (0) 84 18048
Fax: +27 (0) 84 7072
info@ipsi.co.za

P.O. Box 3817
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 875 BITE INFRASTRUCTURE SPECIFICATION (001/001) ISSUE 1 (REVISION 0) NOVEMBER 2007

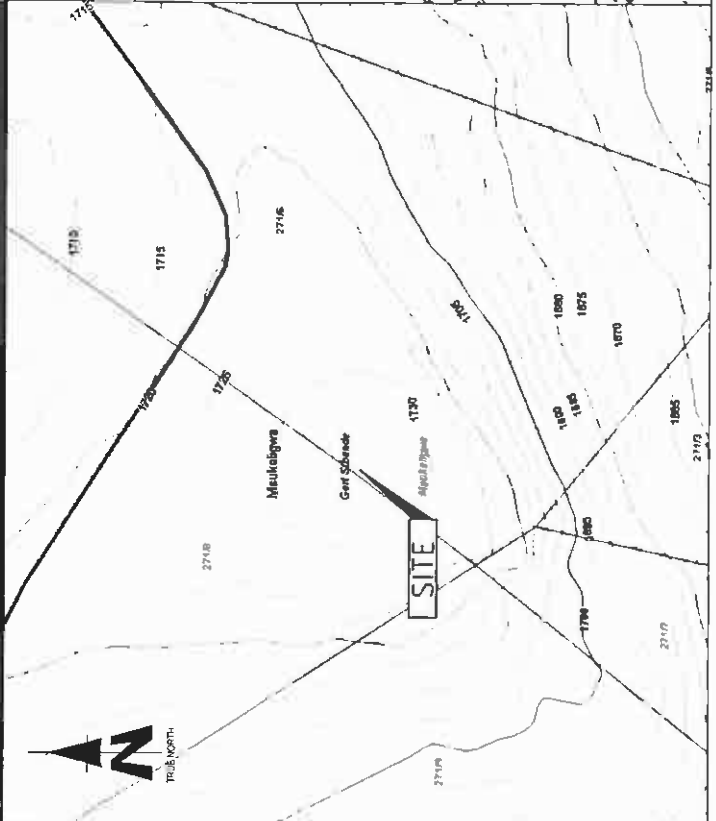
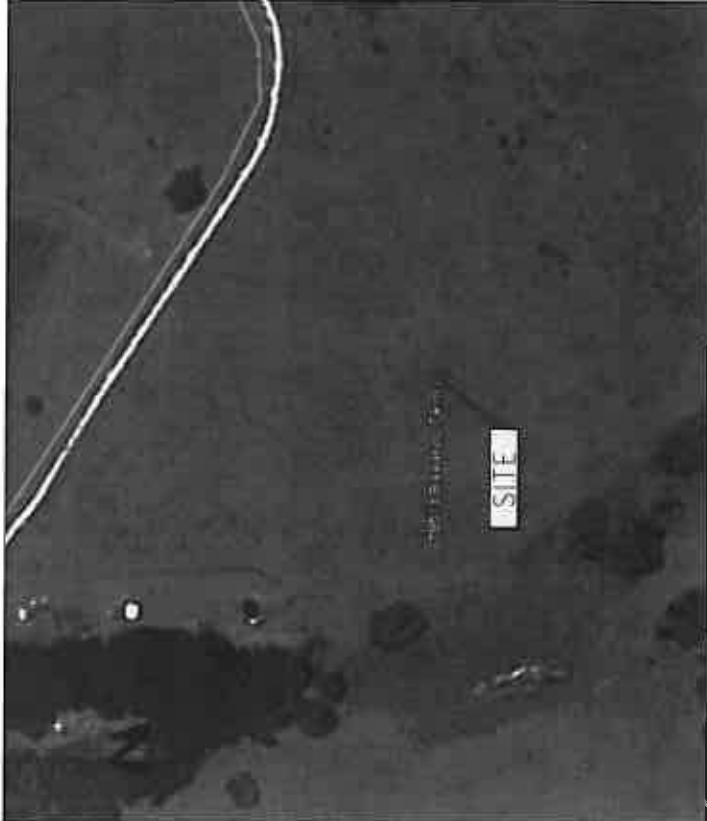
DRAWN: JAN MALAN
SCALE: NTS
DATE: 30/11/2011
REF. NO: 812TR813

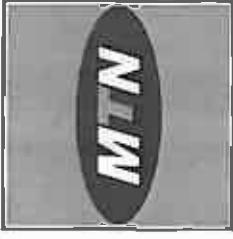
CADASTRAL INFO
SHEET 2 OF 9



The above Figure letitled
725 Morgen 540 Square Rods of land, being
BLAAUKOP N° 22,
framed by Surveyor S. T. Erskine
dated 19.8.04 made in favour of M. U. Erskine
Ward Amelands in Province of T
The Beacons were painted out by T. M. Birschel & S. M. N. Snyman and have
MAY 1925

This drawing is a scan of the original drawing. The horizontal and vertical dimensions of the drawing are sufficiently consistent.
Approved
T. M. Birschel & S. M. N. Snyman
J. M. Malan





1207 Pretorius Street
 Block 8, Heidelberg Complex
 Heidelberg, 0893
 Tel: +27 (0) 21 542 2000
 Fax: +27 (0) 21 542 2008
 Pretorius 846
 Phone 846 416
 Maitland 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 8 OF THE FARM BLAAUKOP 271 IT

COORDINATES:

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

PROJECT:

NEW 94m TELECOMMUNICATION BASESTATION
 WITH A 5m LATTICE MAST
 FOR MTN (PTV) LTD

ADDRESS:

OFF THE T66 TOWARDS ERVELO,
 ON RIGHT HAND SIDE.



INFRASTRUCTURE
 PLANNING SERVICES

414 Peka Road
 Oshana
 Oshana

Tel: +27 (0) 21 529 9000
 Fax: +27 (0) 21 529 9001
 info@ipsplanning.co.za

P.O. Box 32017
 Tokai
 7735

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 1 (REVISED 01/05/2007)

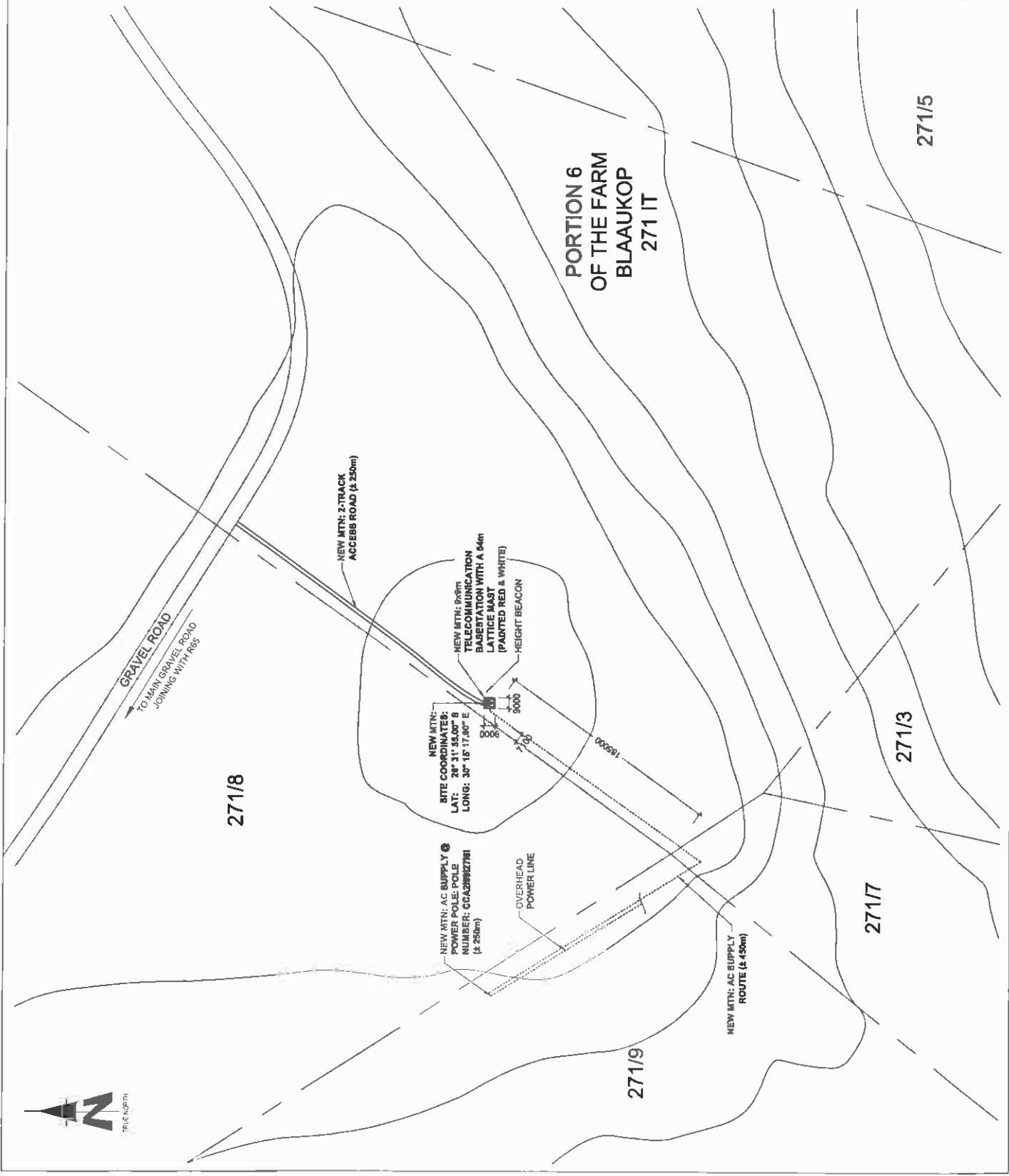
DRAWN: JAN MALAN

DATE: 30/11/2011

REF. NO: 812/78513

SITE DEVELOPMENT PLAN

SHEET 3 OF 9



271/8

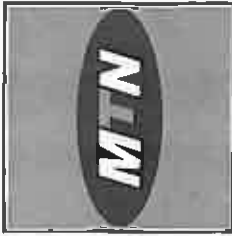
PORTION 6
 OF THE FARM
 BLAAUKOP
 271 IT

271/9

271/7

271/3

271/5



1247 Pretorius Street
Block 8, Hartebeesthoek
Hartbeesthoek
1609
Tel: +27 (0) 11 547 5463
Fax: +27 (0) 11 543 8209
Project Ref: 146
Production Date: 21/12
Merrill-Pearce

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

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

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

INFRASTRUCTURE PLANNING SERVICES



414 Quaker Street
Silverwood
0184
Tel: +27 (0) 854 18048
Fax: +27 (0) 854 7077
info@infoplanning.co.za

P.O. Box 32017
Tombura
0154

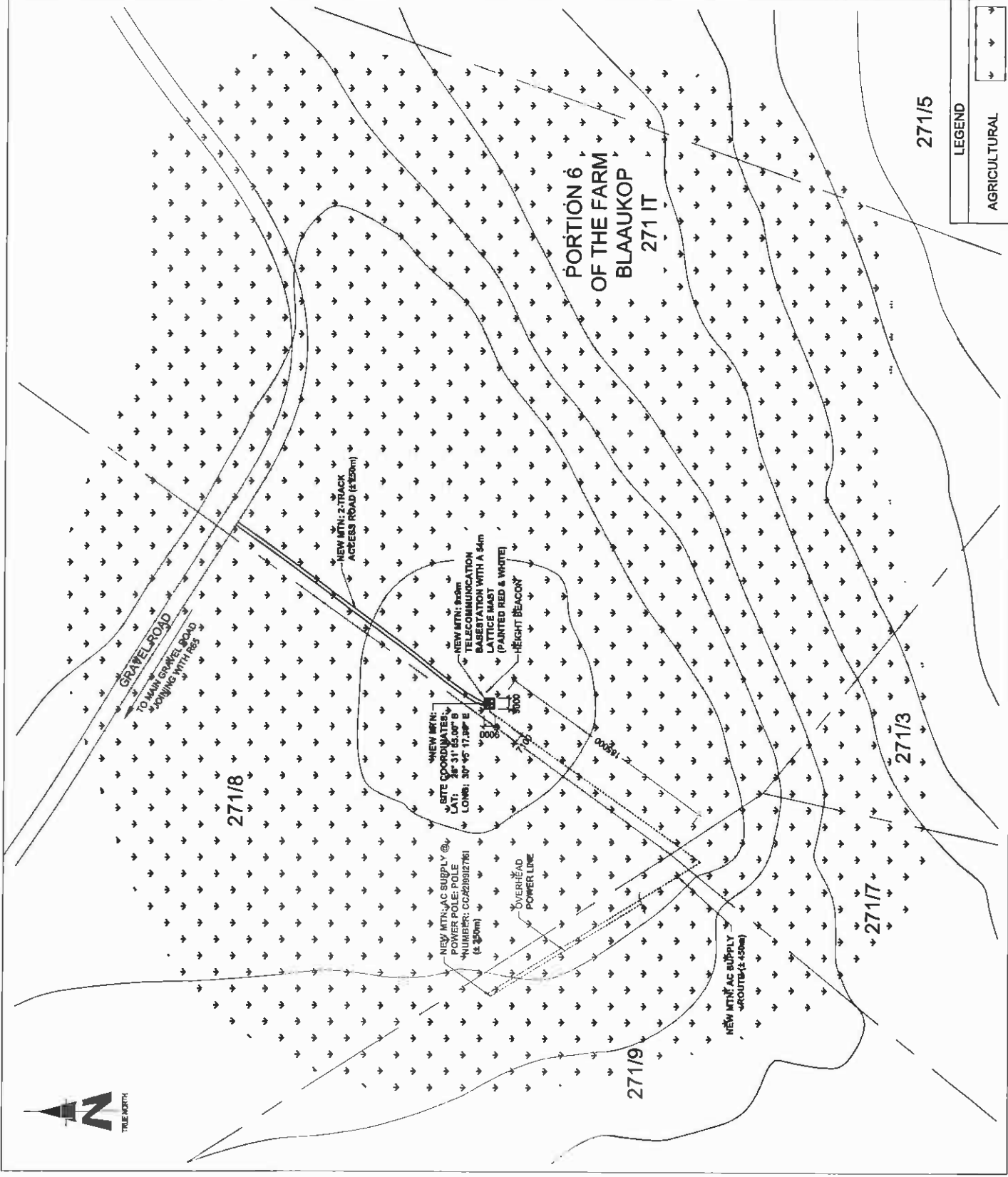
RFC NO.:
159087
PROJECT NUMBER:
120189

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

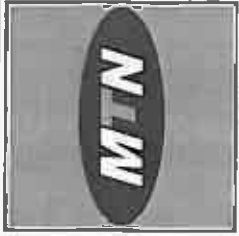
ALL WORK TO BE PERFORMED ACCORDING TO ITR 875 SITE INFRASTRUCTURE SPECIFICATION (06/11/07) PAGE 1 (REVISION 0) (DECEMBER 2007)

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

CURRENT LAND USE
SHEET 4 OF 9



LEGEND
AGRICULTURAL



1241 Pekaia Street
 Hillside, Durban
 4013
 Tel: +27 (0) 31 562 7000
 Fax: +27 (0) 31 562 7000
 Email: info@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
 Tel: +27 (0) 31 804 1804
 Fax: +27 (0) 31 804 7072
 Email: info@ips.co.za

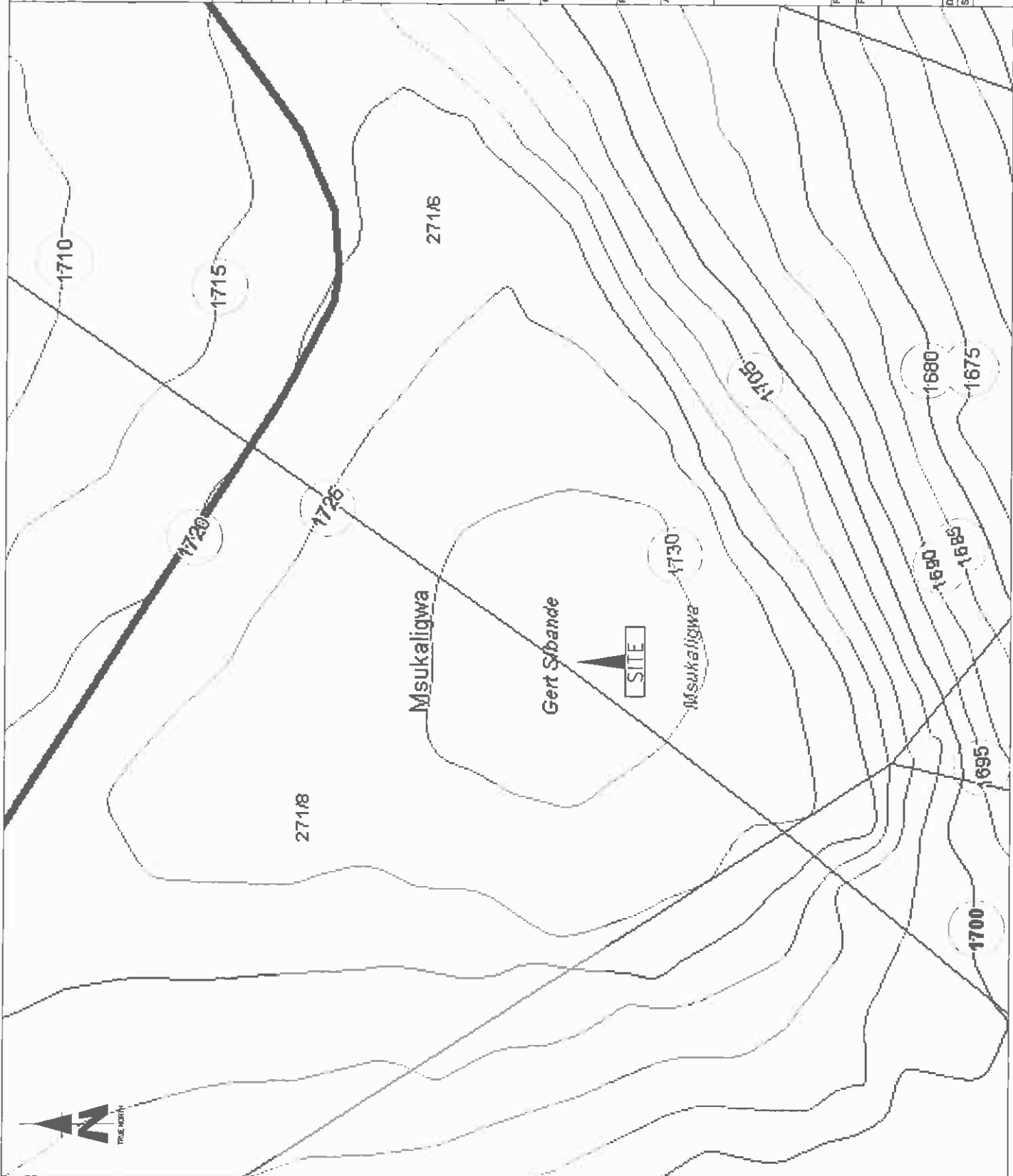
P.O. Box 20017
 Tuckahill
 40134

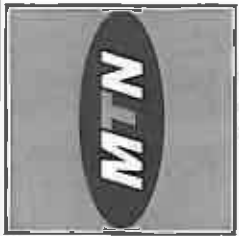
RFC NO.: 155087
 PROJECT NUMBER: 120189

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

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 (RS011001) ISSUE 1, REVISION 01 NOVEMBER 2007

CONTOUR INTERVAL SHEET
 5 OF 9





1500 Pindar Road
 Block 8, Middelburg Complex
 Middelburg 7930
 Tel: +27 (0)11 942 7000
 Fax: +27 (0)11 942 7001
 www.mtn.com

SITE NAME: T9513

BASE STATION NUMBER: T9513
 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 96m TELECOMMUNICATION BASE STATION
 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
 Blydenburg
 0154
 Tel: +27 (0)11 964 1944
 Fax: +27 (0)11 904 7072
 info@ipsplan.co.za

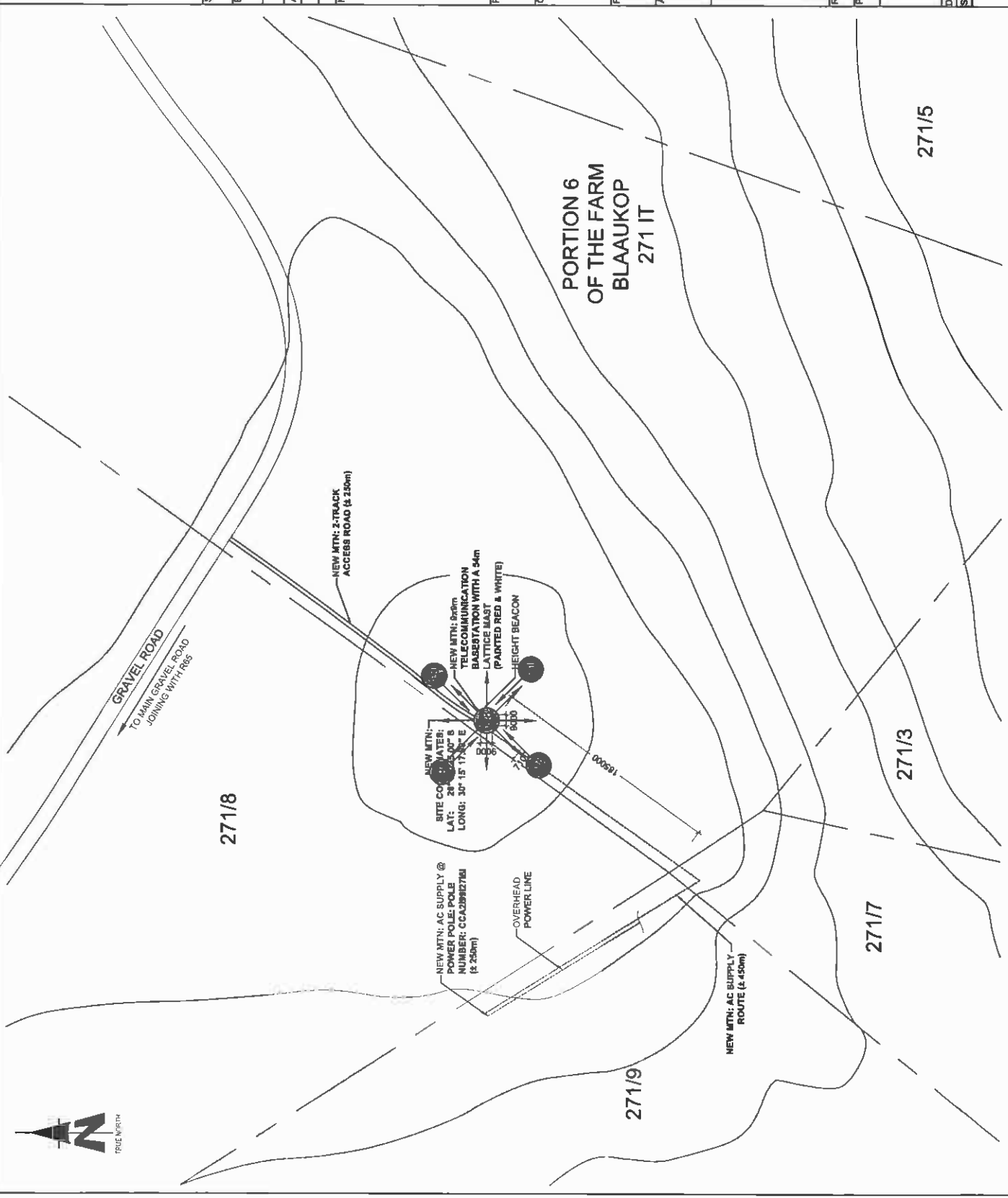
P.O. Box 28317
 Tlokweng
 0154

RFO NO.: 159087
 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 (M011100)
 ISSUE 1 (REVISION 0) NOVEMBER 2007

DRAWN: JAM MALAN [DATE: 30/11/2011]
 REF. NO: B12/T9513
 SCALE: 1:20000

SITE PHOTOGRAPHS
 SHEET 6 OF 9



271/8

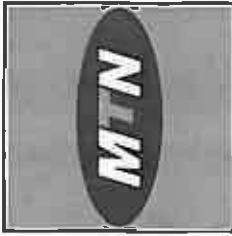
PORTION 6
 OF THE FARM
 BLAAUKOP
 271 IT

271/7

271/3

271/5

271/9



1881 Pendergast Street
Block 8, Tshabane Complex
Venture Park
Harare, ZIMBABWE

Tel: +27 (0) 11 714 1000
Fax: +27 (0) 11 714 1001
Private Bag 2112
Manley Park

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 6 OF THE FARM BLAAUKOP 271 IT

COORDINATES:
LAT: 26° 31' 50.07" S
LONG: 30° 15' 17.807" E

PROJECT:
NEW 999m TELECOMMUNICATION BASE STATION
WITH A 54m LATTICE MAST
FOR MTN (PTY) LTD

ADDRESS:
OFF THE T68 TOWARDS ERMELO.
ON RIGHT HAND SIDE.



414 Quaker Road
Shirerwende
0184
Tel: +27 (0) 84 12648
Fax: +27 (0) 84 7072
info@ipsplanning.co.za

P.O. Box 32817
Tlokweng
0154

RFQ NO: 15097

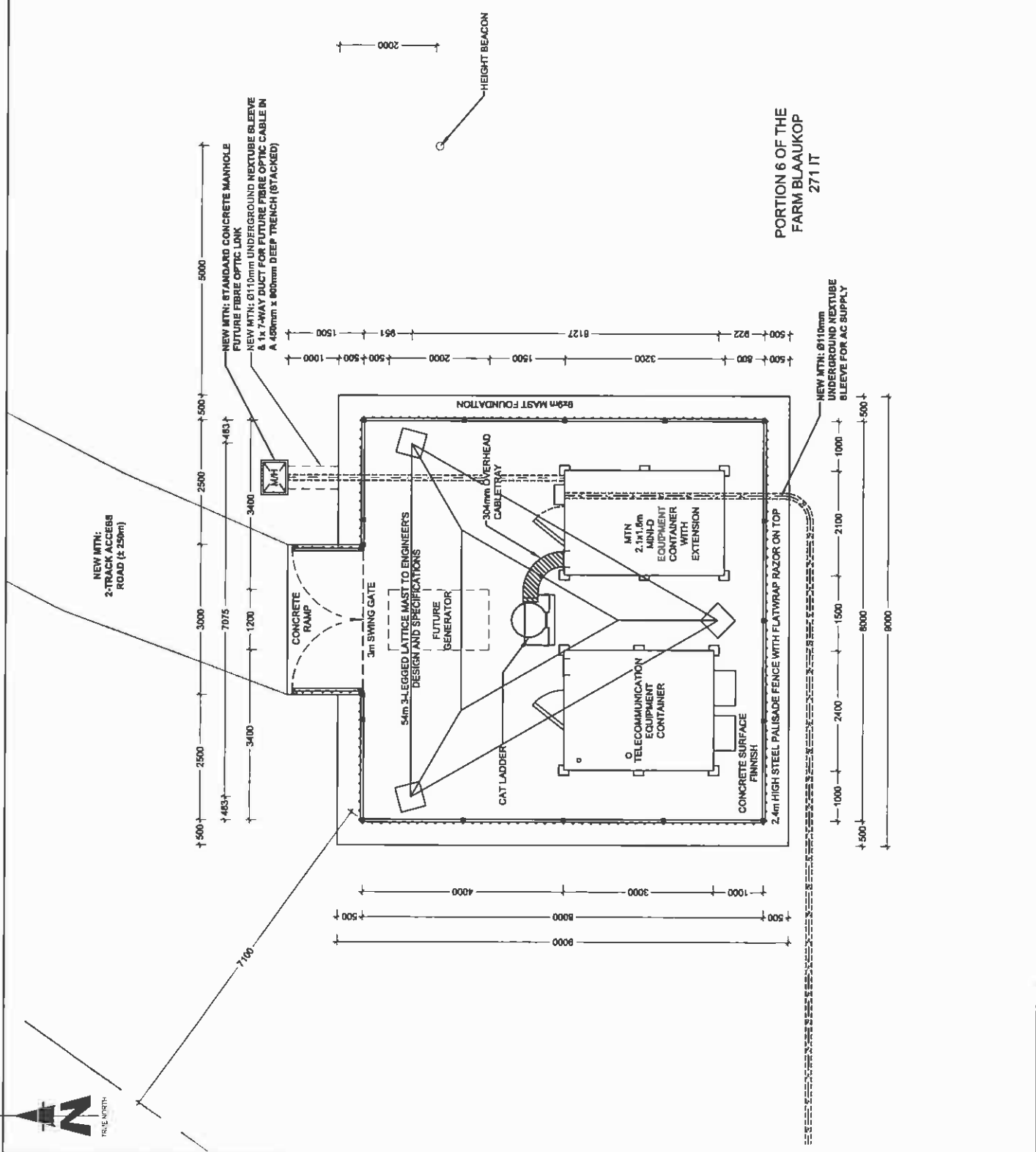
PROJECT NUMBER:
120188

DRAWN: JAN MALAN
SCALE: 1:75

DATE: 30/11/2011
REF. NO: 812/78513

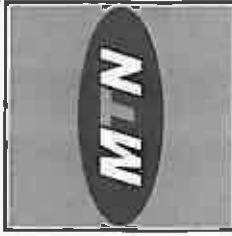
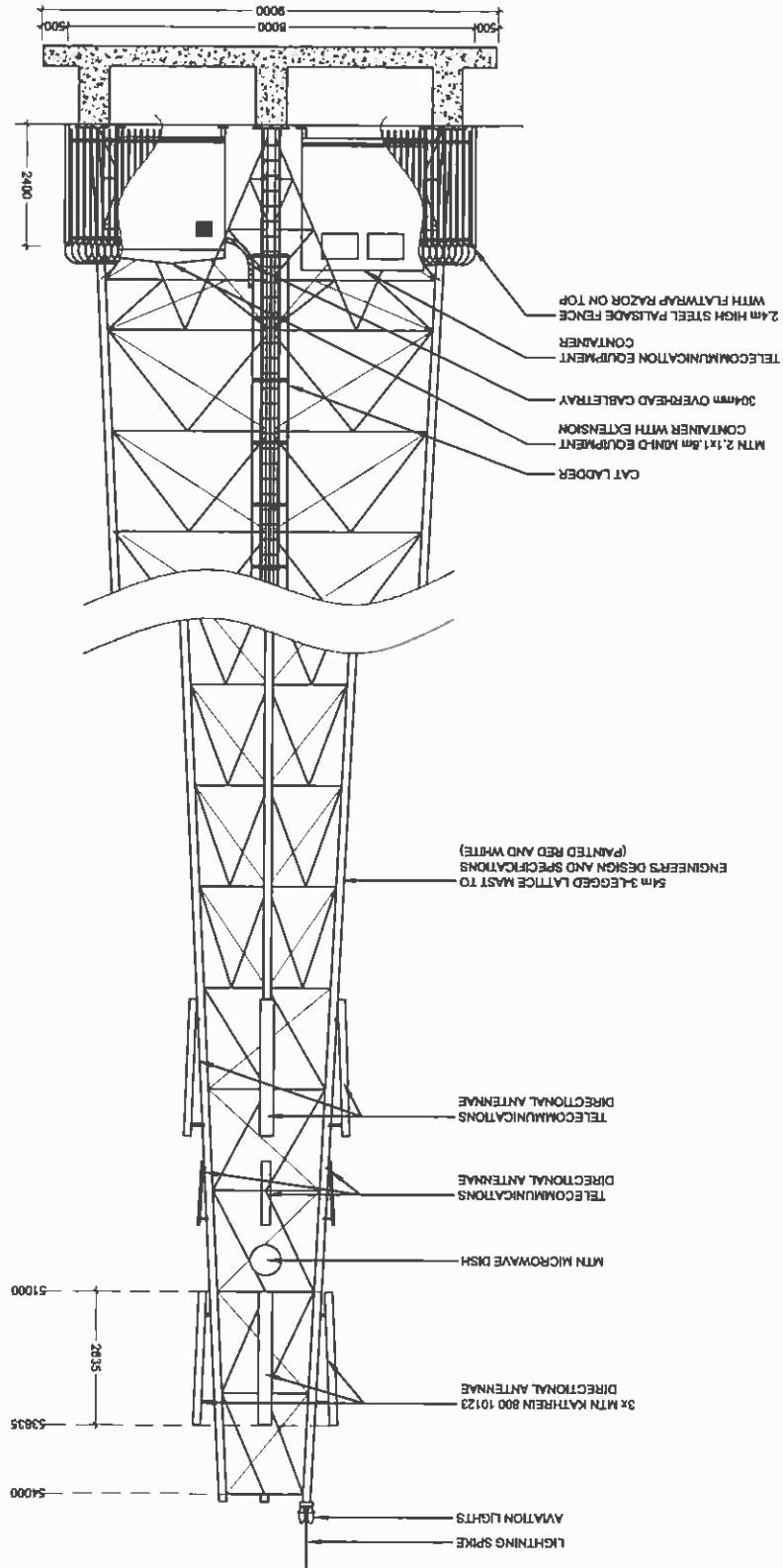
DRAWINGS MUST NOT BE CALLED ONLY REQUIRED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.

ALL WORK TO BE PERFORMED ACCORDING TO MTN RFS SITE INFRASTRUCTURE SPECIFICATION 98011001 ISSUE 1 (REVISION 04/NOVEMBER/2007)



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



1507 Pekaia Road
 Block 8, Maitland Centre
 Maitland, 2008
 Tel: +27 (0)11 200 1000
 Fax: +27 (0)11 200 1000
 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

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

COORDINATES:
 LAT: 26° 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 T65 TOWARDS ERMELO.
 ON RIGHT HAND SIDE.

INFRASTRUCTURE PLANNING SERVICES

IPS

411 Roubie Road
 Morningside
 0184
 Tel: +27 (0)11 804 1808
 Fax: +27 (0)11 804 7072
 www.ipsinfra.com

RFD NO.:
 155087

PROJECT NUMBER:
 120189

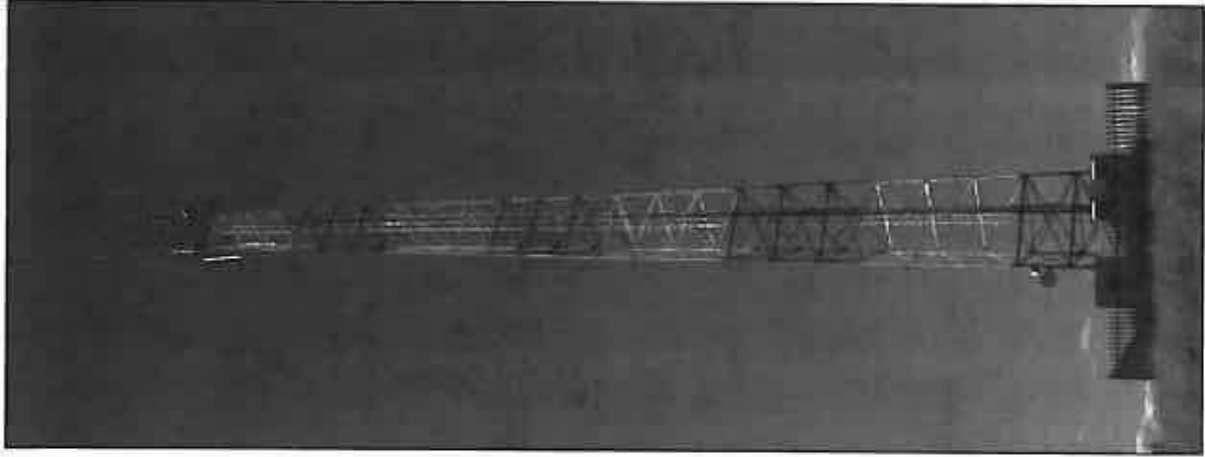
DRAWINGS MUST BE SCALED. ONLY THE DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK. ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION 80011001 (BUILT REVISION 11 NOVEMBER 2007)

DRAWN: JAN MALAN
DATE: 30/11/2011
SCALE: 1:100

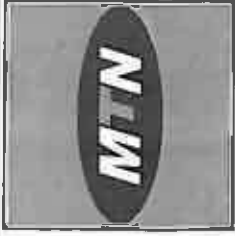
REF. NO: 812/T9513

SOUTH ELEVATION
 SHEET 8 OF 9

PROPOSED



TYPICAL LATTICE MAST
(PAINTED RED & WHITE)



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

ADDRESS:

OFF THE T85 TOWARDS ERMELO.
ON RIGHT HAND SIDE.

INFRASTRUCTURE
PLANNING SERVICES



444 Bunkle Street
Blenheimville
0184
Tel: +27 (0) 804 19048
Fax: +27 (0) 804 7972
www.ipsinfra.com

P.O. Box 33017
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 0) 1 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 TNR: 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

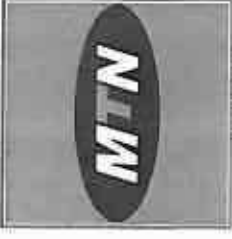
PO Box 22017, Totiusdal, 0134

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, 7701
 Tel: +27 (0)11 252 7000
 Fax: +27 (0)11 252 7015
 www.mtn.com

1201 Pretorius Street
 Maitland, 7701
 Tel: +27 (0)11 252 7000
 Fax: +27 (0)11 252 7015
 www.mtn.com

BASE STATION 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 86m TELECOMMUNICATION BASESTATION
 WITH A 54m LATTICE MAST
 FOR MTN (PTY) LTD

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



414 Orange Street
 Grahamstown
 6134
 Tel: +27 (0)28 284 1848
 Fax: +27 (0)28 284 7072
 info@ipsinfra.com

P.O. Box 20517
 Tokai
 7460
 155087

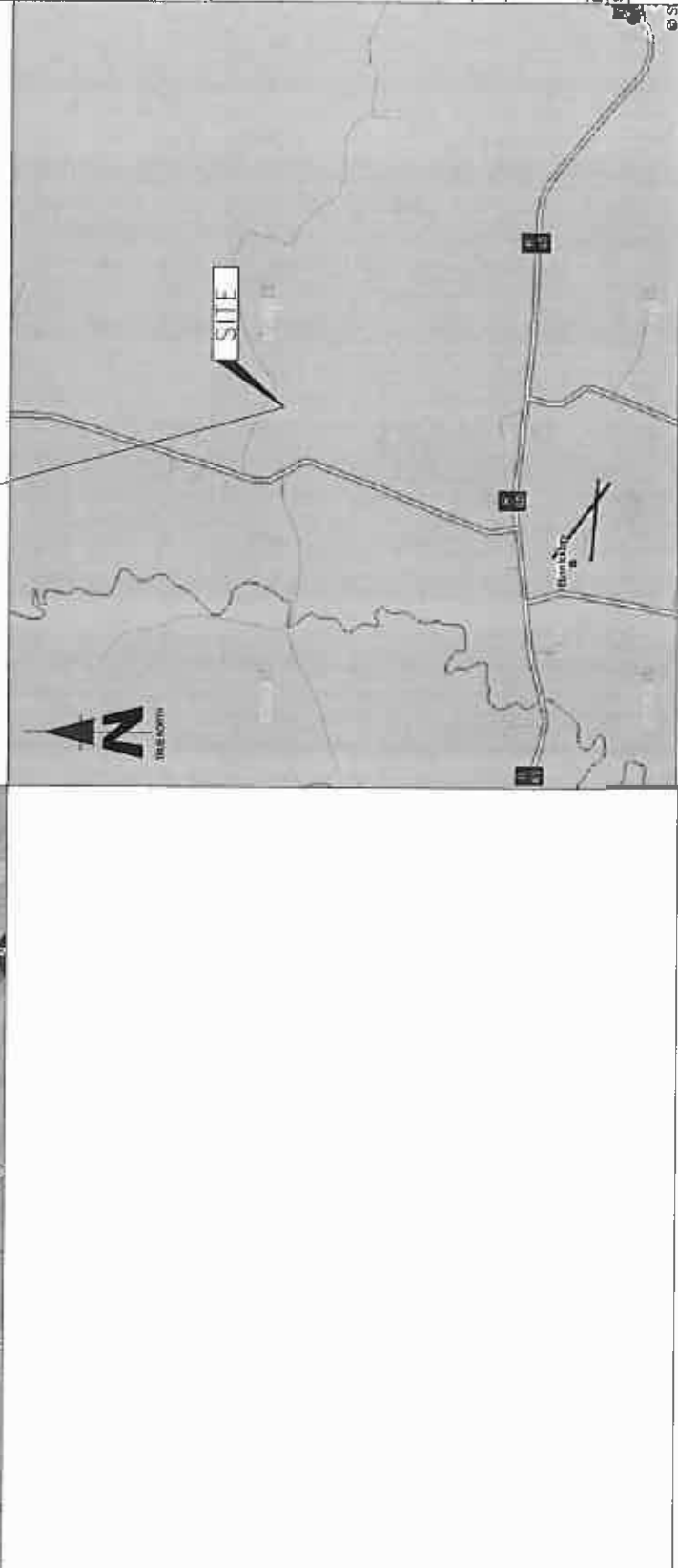
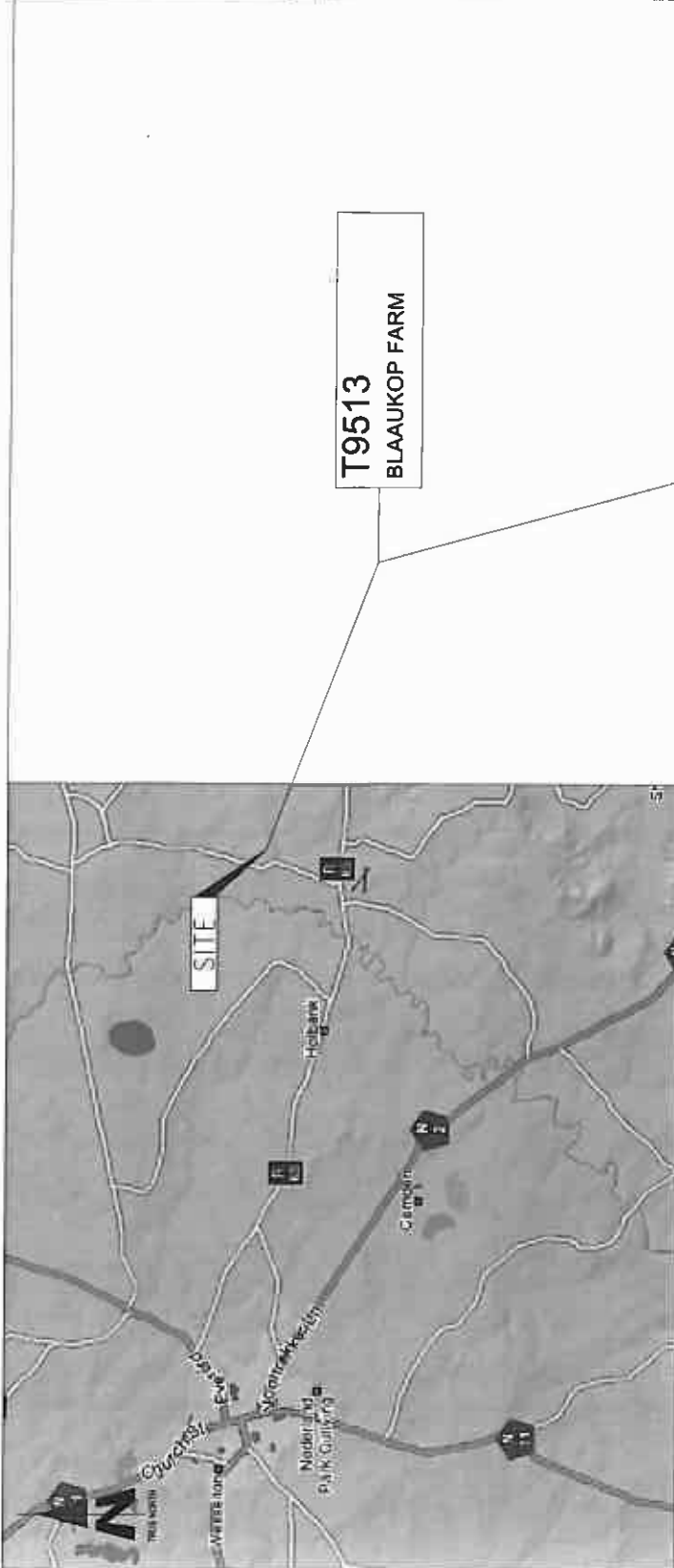
PROJECT NUMBER:
 120189

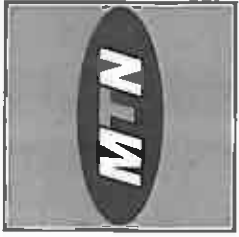
DRAWINGS NOT TO BE SCALED. ONLY DIMENSIONS TO BE
 USED. DIMENSIONS TO BE VERIFIED SITE BEFORE COMMENCEMENT
 OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE
 INFRASTRUCTURE SPECIFICATION 86011001
 ISSUE 1 (REVISION 0) NOVEMBER 2007

DRAWN: JAN MALAN DATE: 30/11/2011

SCALE: NTS REF. NO: B12/T9513

LOCALITY MAP
 SHEET 1 OF 9





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, 1017
 Morningside Park

SITE NAME: T9513

BASE STATION NUMBER:
BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:
 OWNER: JACO DROEMER 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 8x8m 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
 Midrand
 0114
 Tel: +27 (0) 11 904 1904
 Fax: +27 (0) 11 904 7072
 www.ipsinfra.com

P.O. Box 32017
 Midrand
 0114

RFQ NO:
 155087

PROJECT NUMBER:
 120168

DRAWN: JAN MALAN
 SCALE: 1:3000

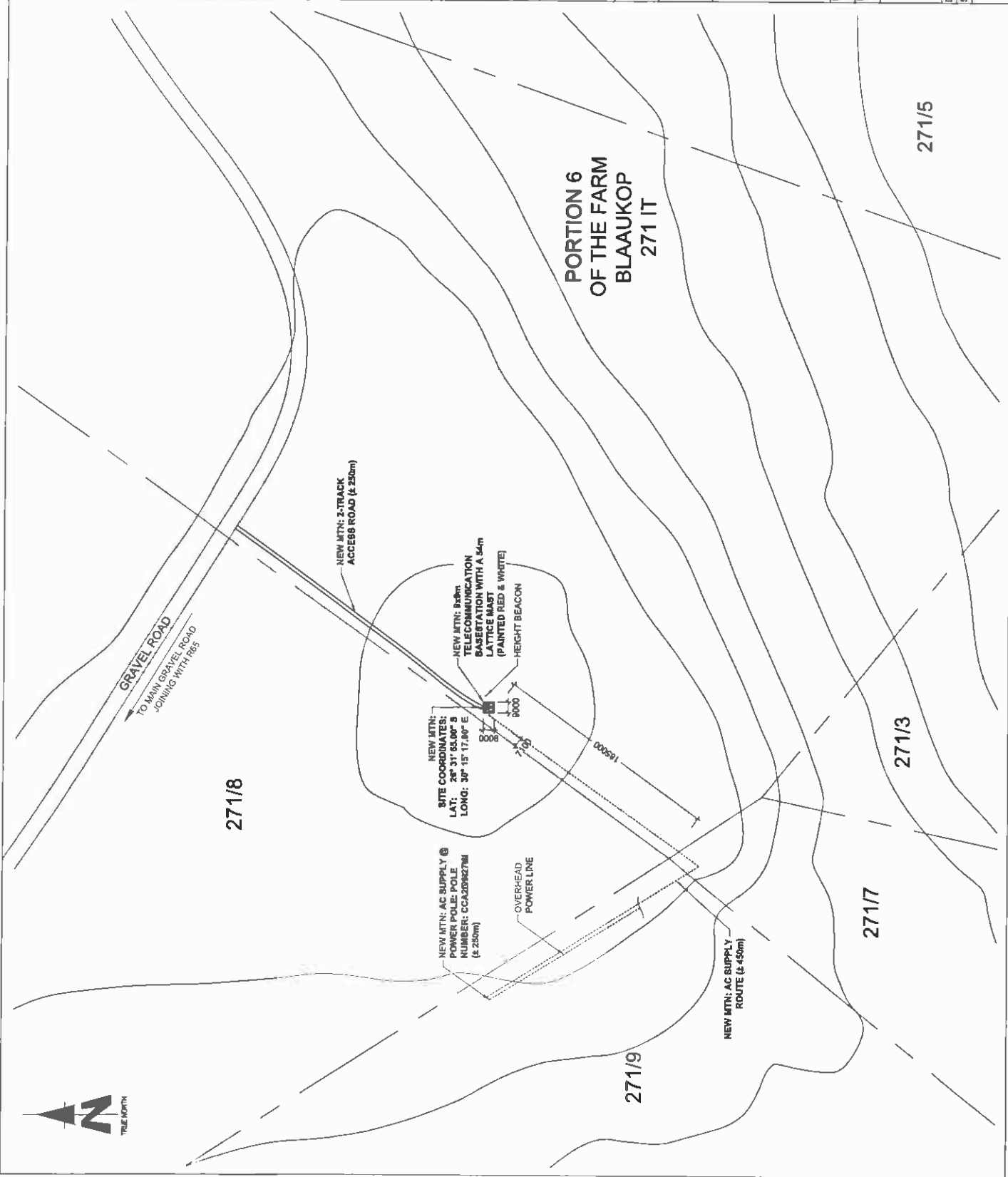
DATE: 30/11/2011
 REF. NO: 81279513

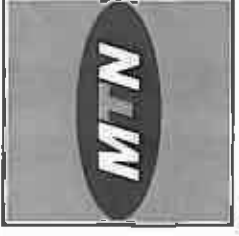
ISSUE 1: 19 FEBRUARY 2007

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

ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION R001/001 ISSUE 1: 19 FEBRUARY 2007

SITE DEVELOPMENT PLAN
 SHEET 3 OF 9





1907 Pretoria Street
 2028 B. Boksburg, Gauteng
 Telf: +27 (0) 11 543 2800
 Fax: +27 (0) 11 543 2800
 Private Bag 215
 Midrand 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: 28° 31' 55.00" S
 LONG: 30° 15' 17.00" E

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

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



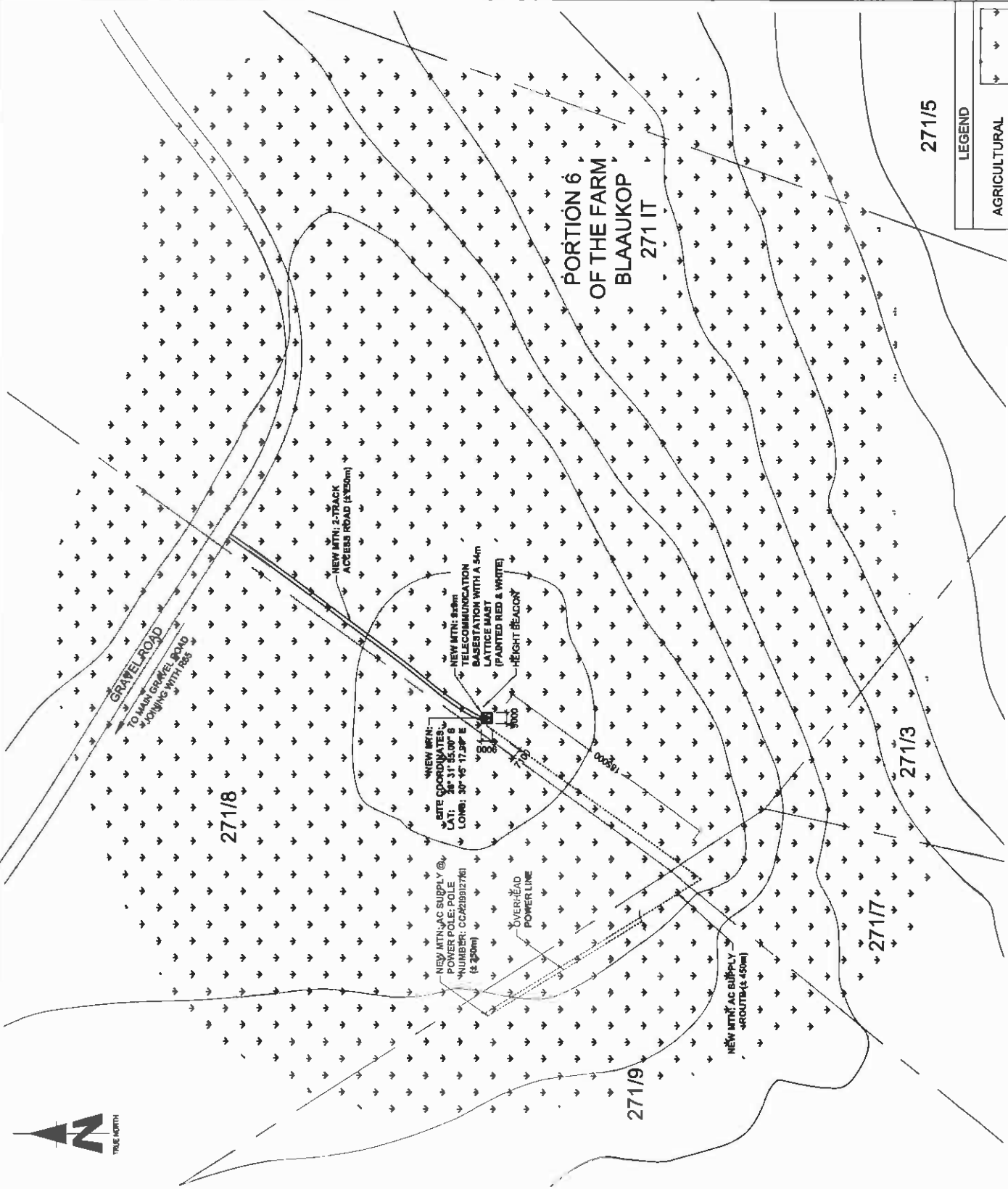
414 Randa Road
 Silverdale
 0164
 Telf: +27 (0) 864 13049
 Fax: +27 (0) 864 1072
 Email: info@ipservices.co.za

RFD NO.: 155067
 PROJECT NUMBER:
 120189

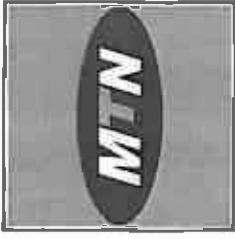
DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INSTALLATION MANUAL (IMD) ISSUE 1 (REVISION 0) NOVEMBER 2007

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, Humberidge Campus
 Midrand, 0283
 T: +27 (0) 11 343 2000
 F: +27 (0) 11 343 2000
 P.O. Box 2017
 Tlokweng
 Midrand, 0283

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
 Sandton
 0161
 T: +27 (0) 11 604 19048
 F: +27 (0) 11 604 1972
 admin@ipsplan.co.za

P.O. Box 2017
 Tlokweng
 0161

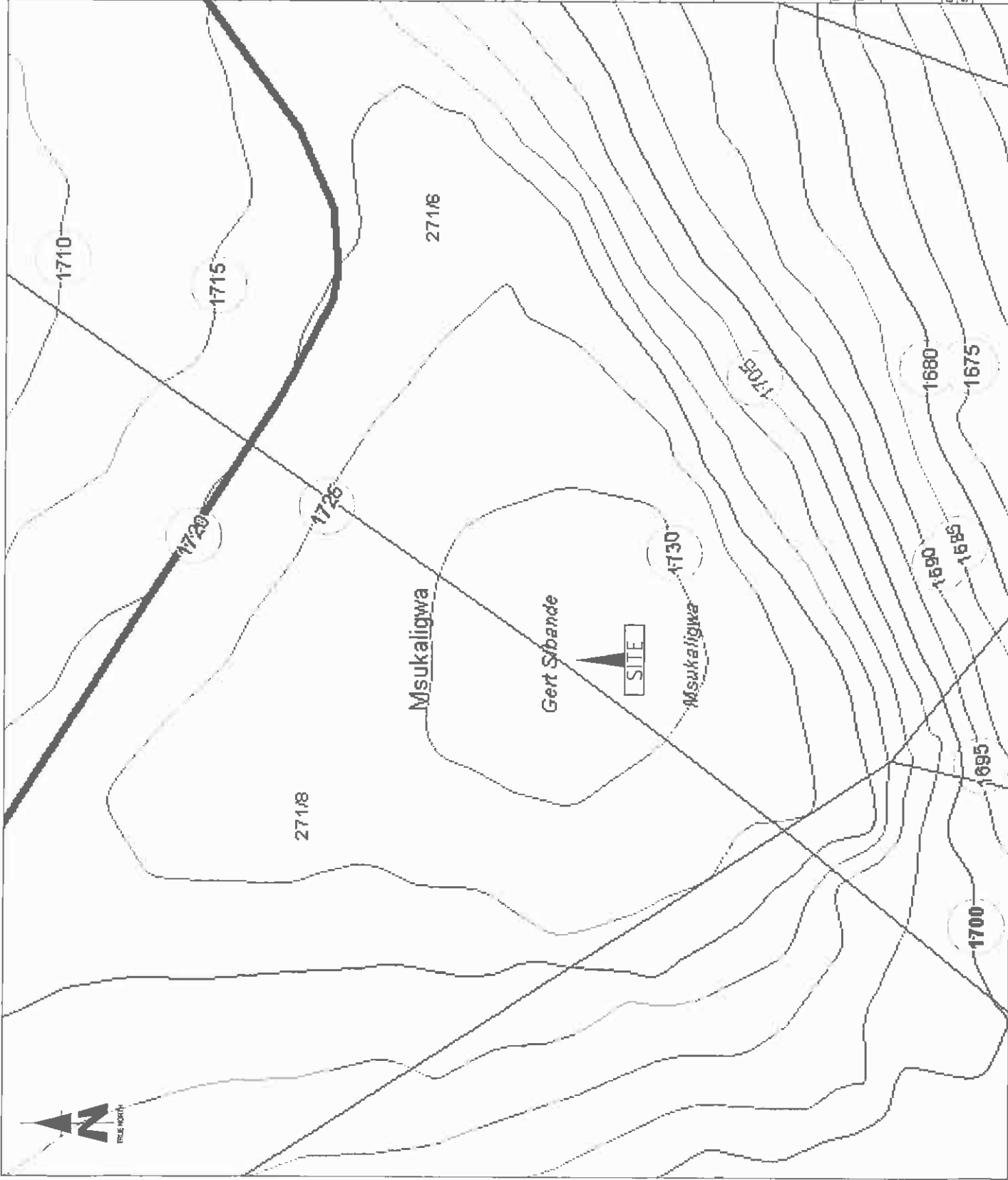
RFD NO.: 155087

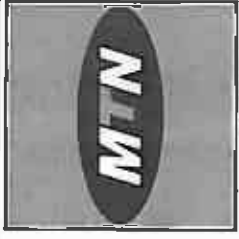
PROJECT NUMBER:
 120189

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

SCALE: NTS

CONTOUR INTERVALSHEET
 5 OF 9





1281 Pretoria Blvd
 1st Floor
 Sandton, 2008
 T: +27 (0)11 799 1000
 F: +27 (0)11 799 1001
 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 6 OF THE FARM BLAAUKOP 271 IT

COORDINATES:
 LAT: 29° 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 T65 TOWARDS ERMELC
 ON RIGHT HAND SIDE.



414 Rands Road
 Silverdale
 0184
 T: +27 (0) 854 18048
 F: +27 (0) 854 10779
 www.ipsafrica.co.za

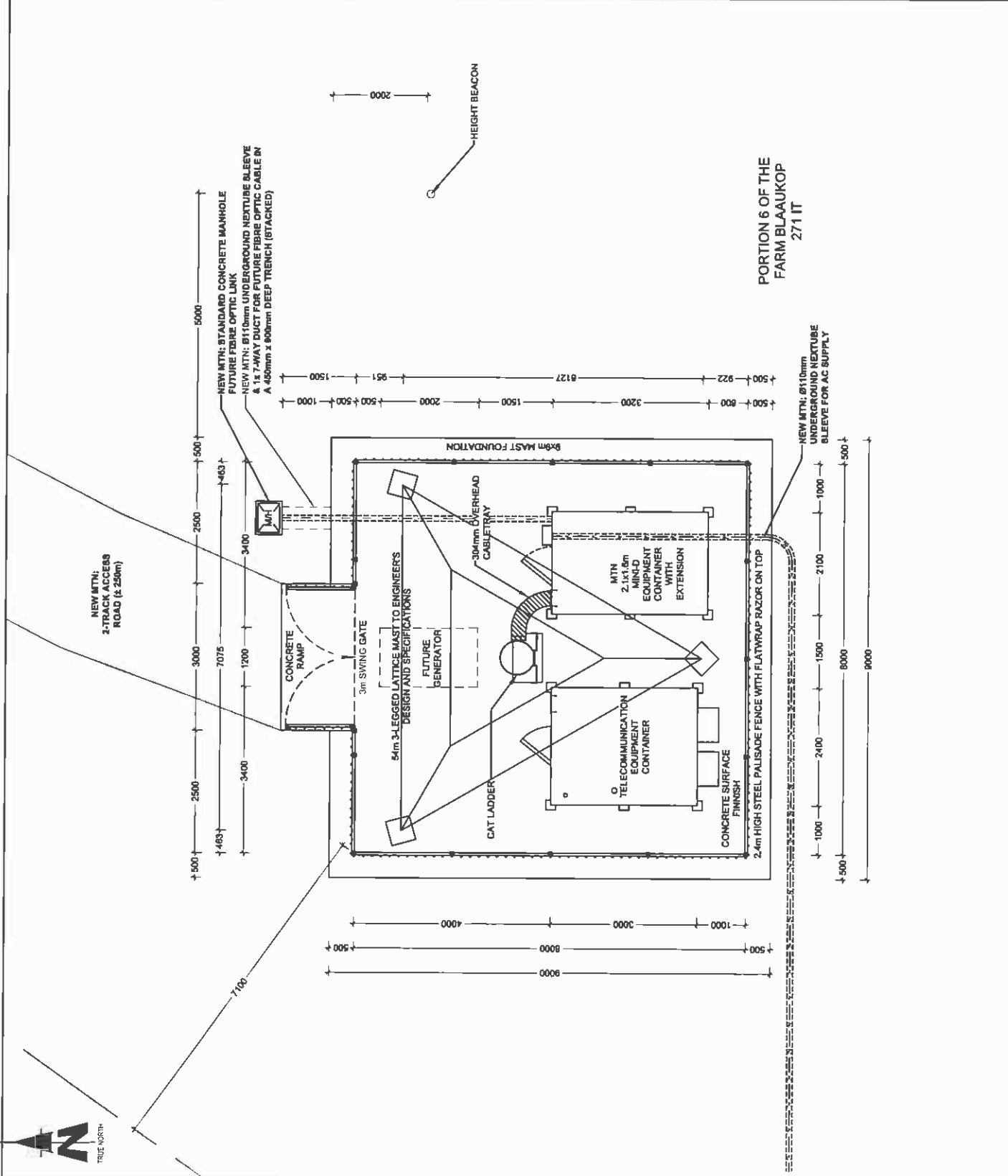
P.O. Box 32017
 Tlokweng
 0184

RFO NO.: 155067
 PROJECT NUMBER: 120189

DRAWN: JAN MALAN
 SCALE: 1:75
 DATE: 30/11/2011
 REF. NO: B1270513

CHANGES MUST NOT BE MADE, ONLY DIMENSIONS TO BE USED DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO MTN 075 SITE INFRASTRUCTURE SPECIFICATION 001/1/001 ISSUE 1 (REVISION 0) NOVEMBER 2007

SITE DETAIL
 SHEET 7 OF 9

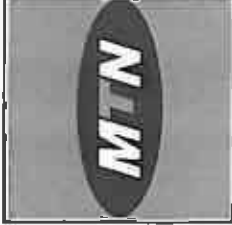
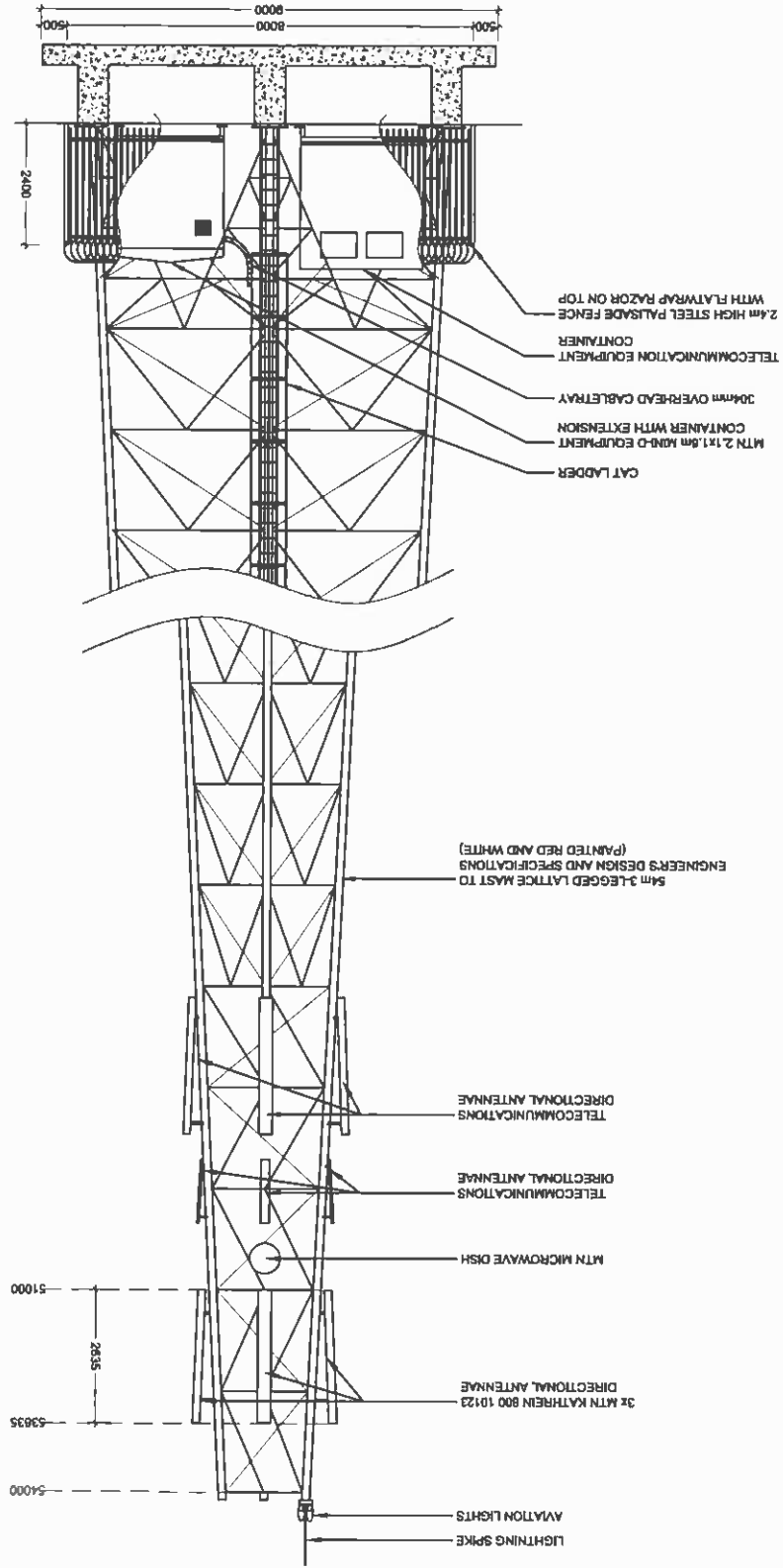


PORTION 6 OF THE FARM BLAAUKOP 271 IT



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 Pridmore Blvd,
Block 8, Heidelberg Complex
Heidelberg, 2161
P.O. Box 32017
Tel: +27 (12) 342 5800
Fax: +27 (12) 342 5000
Heidelberg, 2161

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' 55.00" S
LONG: 30° 15' 17.80" E

PROJECT:
NEW 3km TELECOMMUNICATION BASE STATION
WITH A 54m LATTICE MAST
FOR MTN (PTY) LTD

ADDRESS:
OFF THE R65 TOWARDS ERWELDO,
ON RIGHT HAND SIDE.

INFRASTRUCTURE PLANNING SERVICES
IPS
P.O. Box 32017
Tel: +27 (12) 342 5800
Fax: +27 (12) 342 5000
www.ipsafrica.co.za

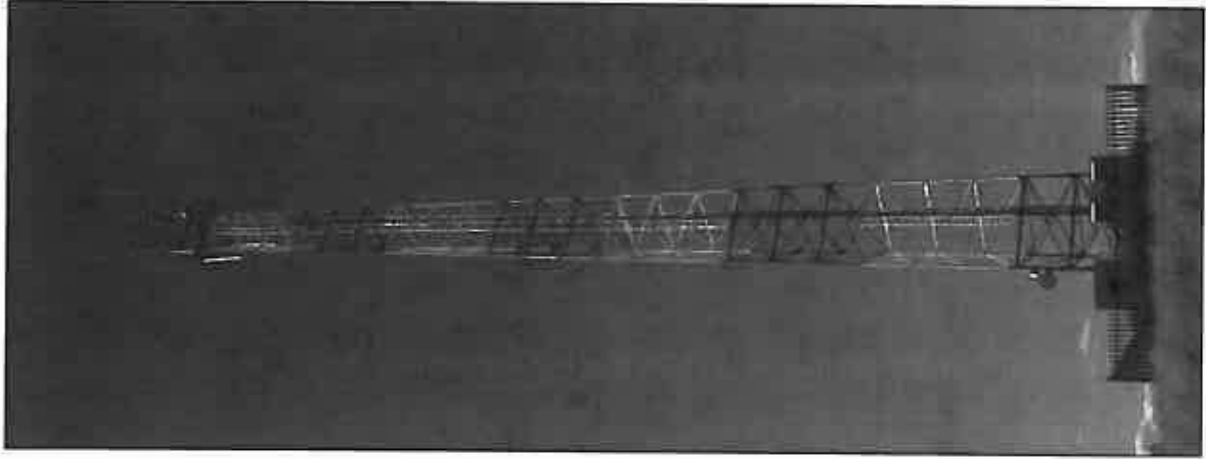
RFD NO.:
185087
PROJECT NUMBER:
120189

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 RFS SITE INFRASTRUCTURE SPECIFICATION (R01/08) ISSUE 1 (REVISION NOVEMBER 2007)

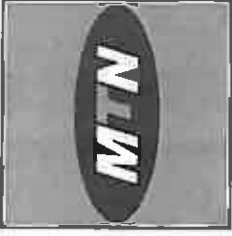
DRAWN: JIAN MALAN
DATE: 30/11/2011
SCALE: 1:100
REF. NO.: 612/78513

SOUTH ELEVATION
SHEET 8 OF 9

PROPOSED



TYPICAL LATTICE MAST
(PAINTED RED & WHITE)



1287 Pekaia Street
Boksburg, Gauteng
1031
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.

INFRASTRUCTURE
PLANNING SERVICES



414 Dundas Street
Sharncliffe
0184

Tel: +27 (11) 804 5800
Fax: +27 (11) 804 7072
www.ipsinfra.com

P.O. Box 20017
Tollwiese
0154

RFO NO.:

155087

PROJECT NUMBER:

120189

DIMENSIONS 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 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

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 esiyizinda 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 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 Kokuthinteka Kwemvelo ka-2010 (R543) ukuze ahlole ezinye izindlela zokuqhubeka nomsebenzi ohleliwe.

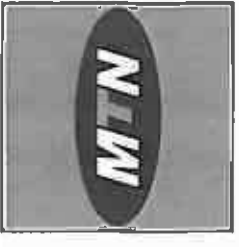
Umuntu ofaka isicelo:
MTN (Pty) Ltd, P.O. Box 4559, Northcliff, 2115.

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
Black & Heideveld Complex
Midrand, 0883
Tel: +27 (0) 210 245 000
Fax: +27 (0) 210 245 000
Private Bag 3113
Midrand 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
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 94m TELECOMMUNICATION BASESTATION
WITH A 54m LATTICE MAST
FOR MTN (PT) LTD

ADDRESS:
OFF SETS TOWARDS ERMELO.
ON RIGHT HAND SIDE.

INFRASTRUCTURE
PLANNING SERVICES



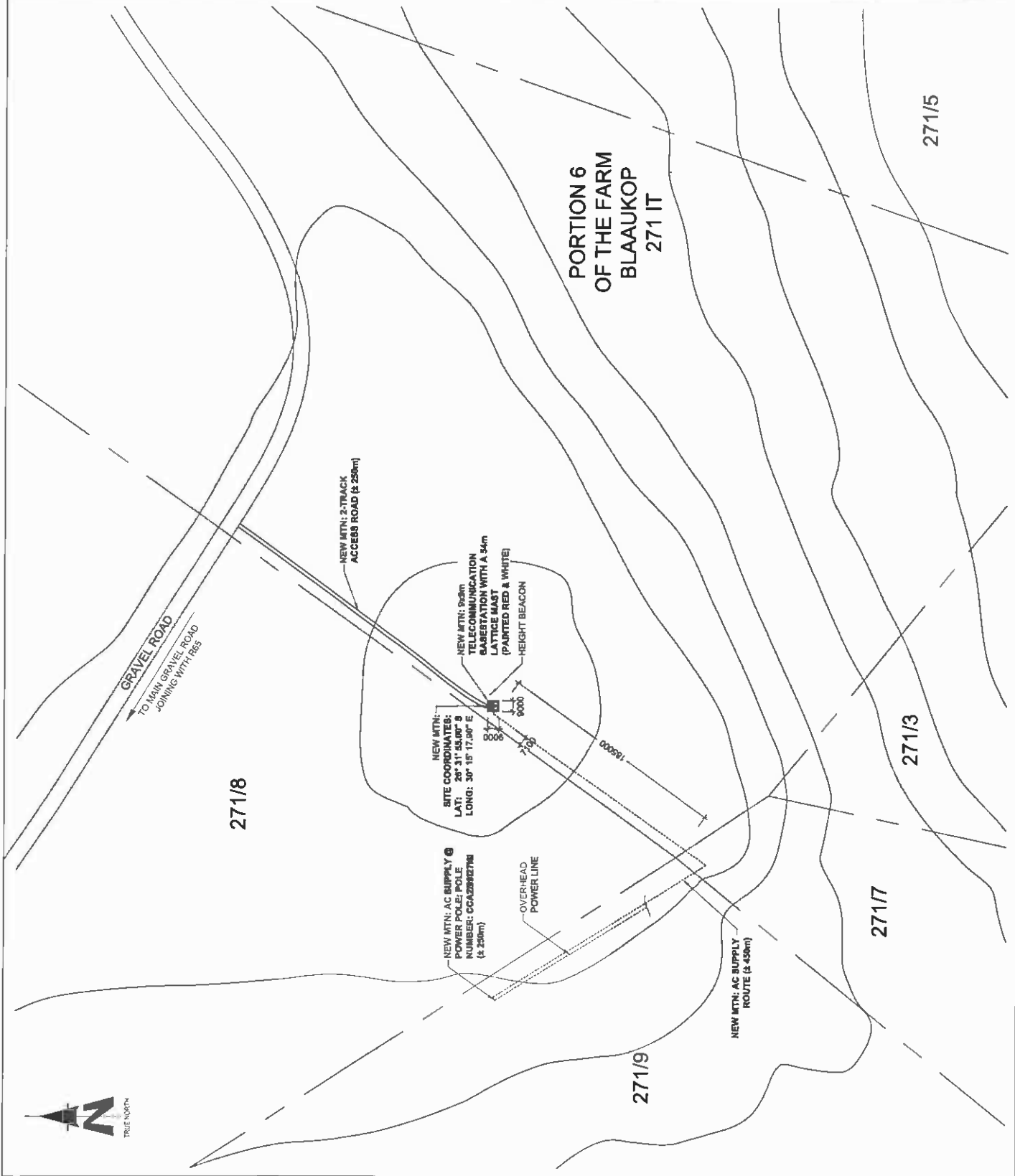
414 Ruffels Road
Edenburgville
0184
Tel: +27 (0) 804 19408
Fax: +27 (0) 804 7072
admin@ipsplanning.co.za

P.O. Box 32017
Tolulwazi
0154

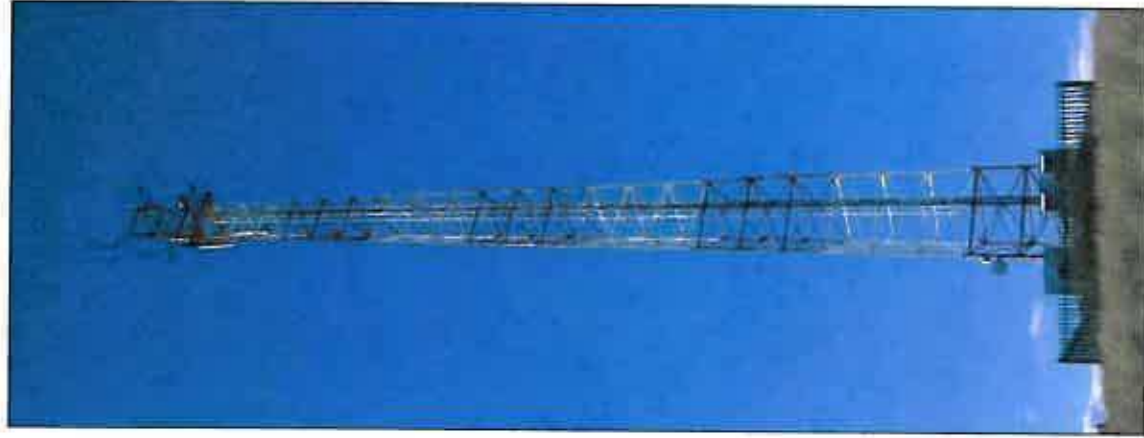
RFQ NO.:
150087
PROJECT NUMBER:
120186

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

SITE DEVELOPMENT PLAN
SHEET 3 OF 9



PROPOSED



TYPICAL LATTICE MAST
(PAINTED RED & WHITE)



1187 Pretorius Street
 Strand B, Newlands Complex
 Halfway, 7925
 Tel: +27 (0) 21 954 1200
 Fax: +27 (0) 21 954 1201
 www.mtn.co.za

Project Ref: 109
 Project Name: T9513
 Project Date: 2011

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' 56.00" S
 LONG: 30° 18' 17.00" E

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

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

INFRASTRUCTURE PLANNING SERVICES



414 Middle Road
 Midrand
 2009
 Tel: +27 (0) 21 954 1200
 Fax: +27 (0) 21 954 1201
 www.infrastructureplanning.co.za

P.O. Box 28977
 Johannesburg
 2014

PROJECT NUMBER:
 150017
 120160

DRAWING: JAN MALAN
 DATE: 20/11/2011

SCALE: 1/1000
 REF. NO: B12178613

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 ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION R10/11/01 ISSUE 1 REVISION 0 NOVEMBER 2007

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

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

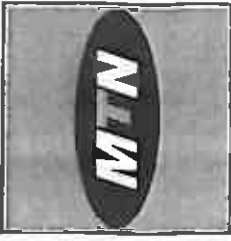
Ucingo: (012) 804 1504/6, Ifeksi: (012) 804 7072,

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, ikhefi 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 saziwo.

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

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

INFRASTRUCTURE
 PLANNING SERVICES



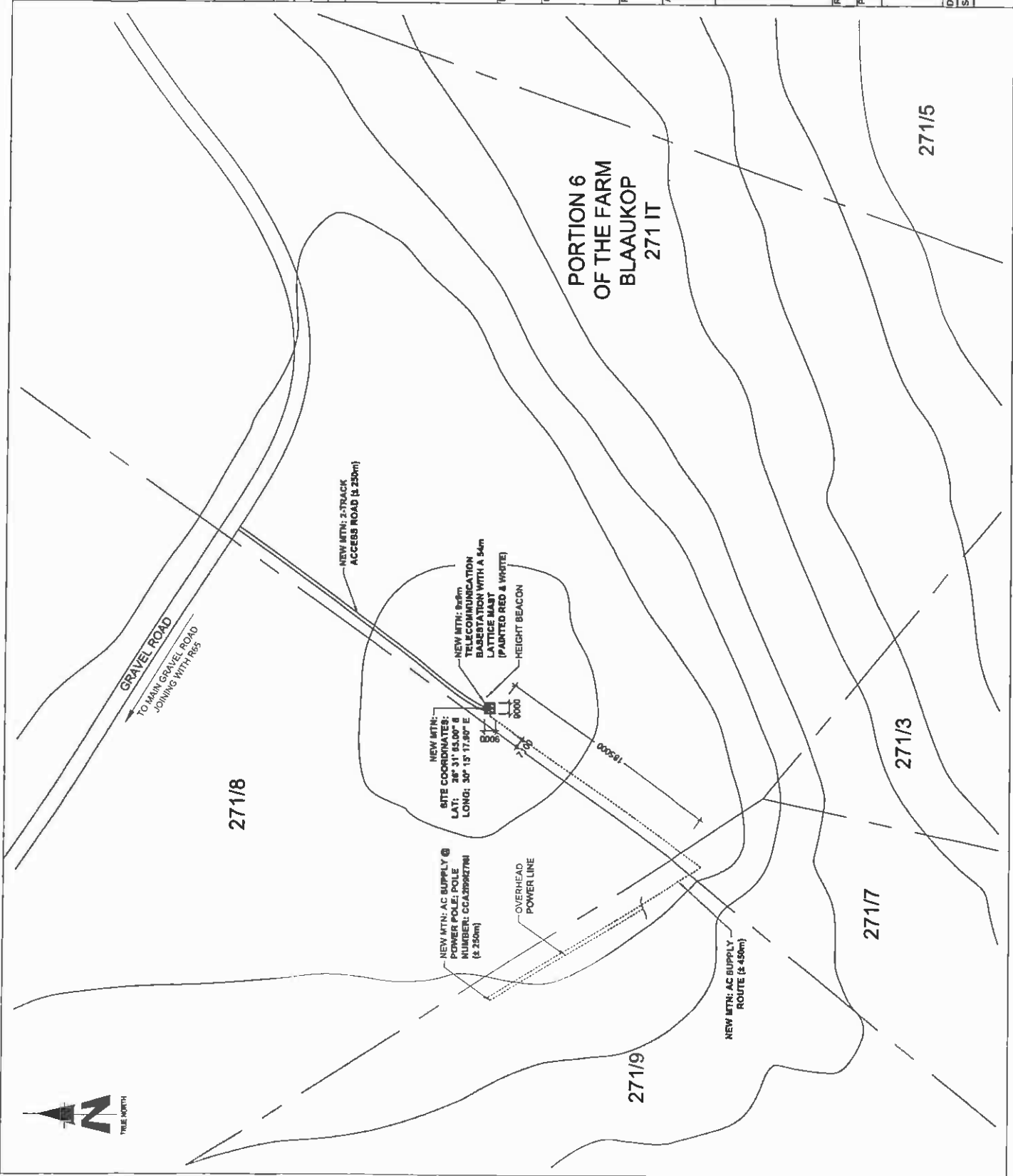
111 Becks Street
 Sandton, Johannesburg
 2013
 Tel: +27 (11) 864 1550
 Fax: +27 (11) 864 2072
 Email: info@ipsplanning.co.za

RFO NO.: 155087
 PROJECT NUMBER: 120189

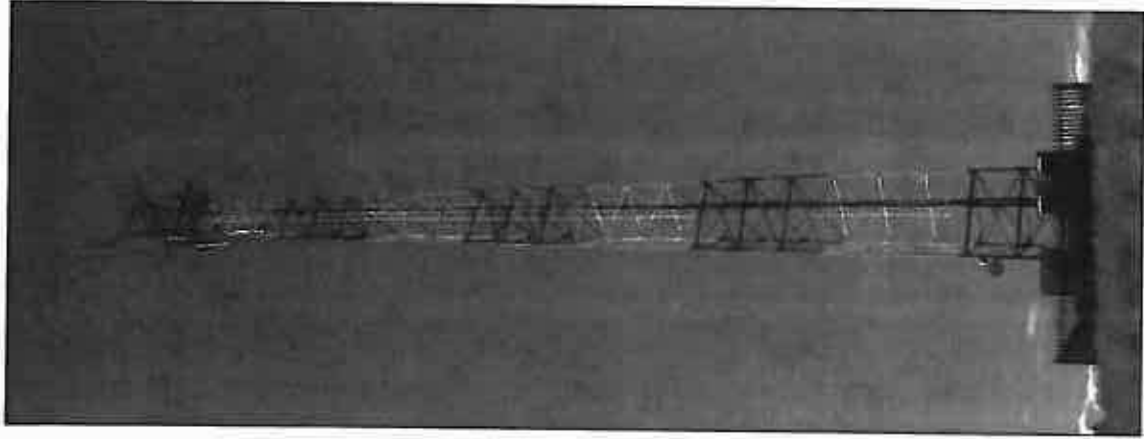
DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION R0011001 ISSUE 1, REVISION 0, NOVEMBER 2007

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

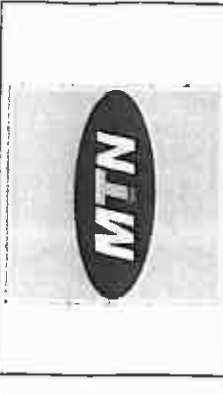
SITE DEVELOPMENT PLAN
 SHEET 3 OF 9



PROPOSED



TYPICAL LATTICE MAST
(PAINTED RED & WHITE)



1501 Persimmon Drive
Midvale, UT 84045
Tel: +1 (801) 241 2000
Fax: +1 (801) 241 2000
www.mtn.com

PROJECT NAME: T9513

BASE STATION NUMBER: BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	20/11/2011	JM	

NOTES:
OWNER: JACO OORDELS TRUST

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

COORDINATES:
LAT: 28° 31' 55.00" S
LONG: 30° 15' 12.00" E

PROJECT:
NEW 810m TELECOMMUNICATION BASESTATION
WITH A 54m LATTICE MAST
FOR MTN (PTY) LTD

ADDRESS:
ON THE T95 TOWARDS ERUELO,
ON RIGHT HAND SIDE.

INFRASTRUCTURE
PLANNING SERVICES



111 Persimmon Drive
Midvale, UT 84045
Tel: +1 (801) 241 2000
Fax: +1 (801) 241 2000
www.ips.com

REF 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 ITRTS SITE INFORMATION SHEET (SIS) ISSUE 1 REVISED NOVEMBER 2007.

DRAWN: JANI MALAN
SCALE: NTS
DATE: 20/11/2011
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

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@torbiosolutions.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 ahlole ezinye izindlela zokuqhubeka nomsebenzi ohleliwe.

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

Isibenzeli Eshilo 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@torbiosolutions.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 Prieskopsdijk Street
 Midrand, 2008
 Tel: +27 (0)11 764 2000
 Fax: +27 (0)11 764 1000
 Website: www.mtn.com

Prokleda Bulele Ltd
 Private Bag 513
 Midrand, 2008

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° 18' 17.00" E

PROJECT:
 NEW 9dbm TELECOMMUNICATION BASESTATION WITH A 50m LATTICE MAST FOR MTN (PT) LTD

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

INFRASTRUCTURE PLANNING SERVICES



416 Dundas Street
 Midrand, 2008
 Tel: +27 (0)11 764 2000
 Fax: +27 (0)11 764 1000
 Website: www.ipsafrica.com

PROJECT NUMBER:
 120189

DATE: 30/11/2011

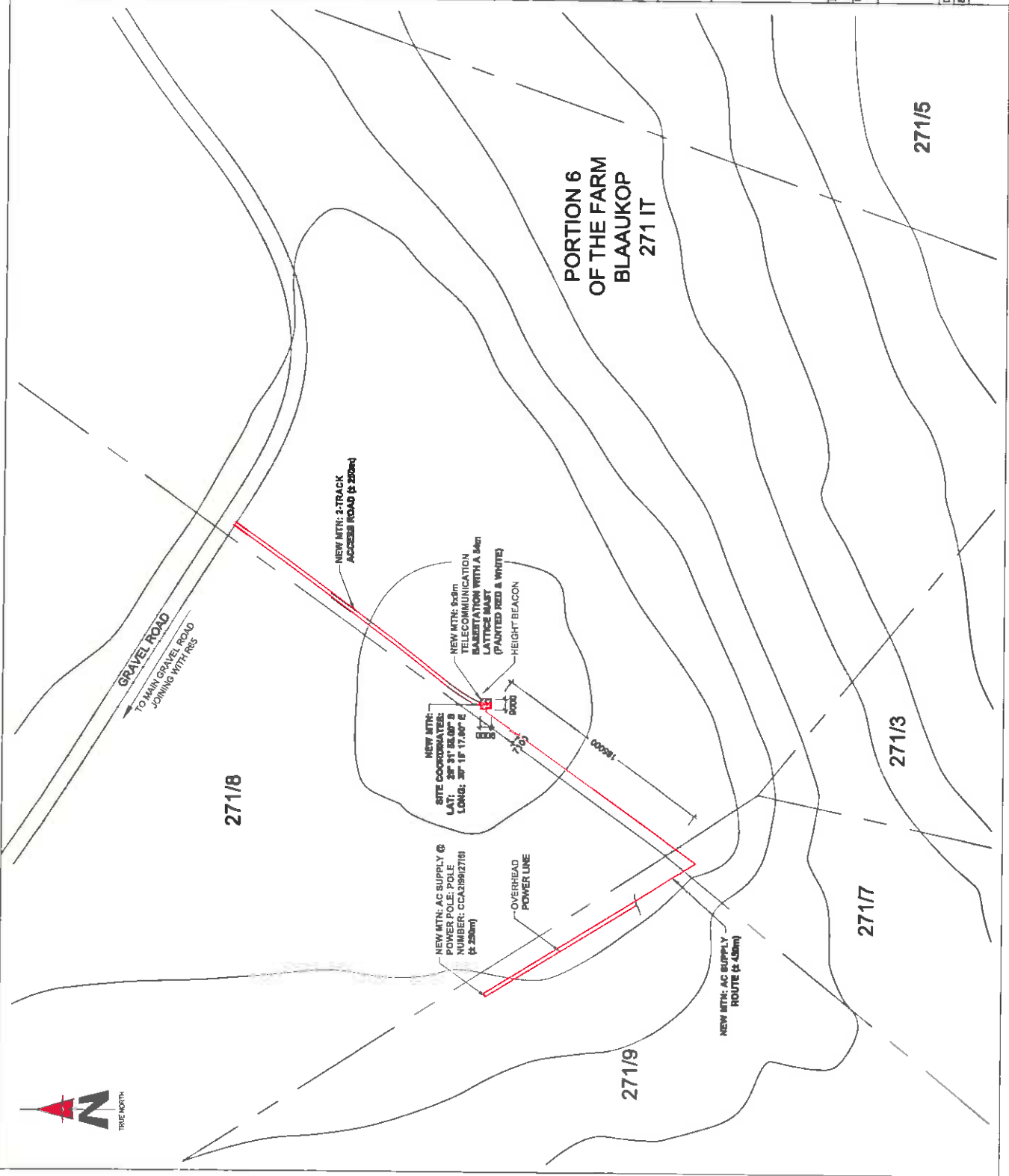
SCALE: 1:3000

REF: NC: 612/27/01/3

DRAWN: JAM MALAN

SITE DEVELOPMENT PLAN

SHEET 3 OF 9



PROPOSED



TYPICAL LATTICE MAST
(PAINTED RED & WHITE)



1387 Pretorius Street
Midrand & Johannesburg Corridor
Midrand, 2008
Tel: +27 (0) 11 445 4444
Fax: +27 (0) 11 445 4444
www.mtn.co.za

Project Ref: 44
Project Name: 418
Issue: Final

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' 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
2008
Tel: +27 (0) 11 804 1650
Fax: +27 (0) 11 804 7072
www.ips.co.za
info@ips.co.za

P.O. Box 20417
Johannesburg
2004
0114

REQ NO.: 155087

PROJECT NUMBER:
1201 (B)

DRAWN: JAN MALAN
SCALE: HTB

DATE: 30/11/2011
REF: MD-8127TR13

ISSUE 1 REVISION 0 NOVEMBER 2007

INFRASTRUCTURE SPECIFICATION 001/001

ALL WORK TO BE PERFORMED IN ACCORDANCE WITH THE SITE
DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE
USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT
OF WORK.

INFRASTRUCTURE SPECIFICATION 001/001

ALL WORK TO BE PERFORMED IN ACCORDANCE WITH THE SITE
DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE
USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT
OF WORK.

INFRASTRUCTURE SPECIFICATION 001/001

ISSUE 1 REVISION 0 NOVEMBER 2007

INFRASTRUCTURE SPECIFICATION 001/001

ISSUE 1 REVISION 0 NOVEMBER 2007

INFRASTRUCTURE SPECIFICATION 001/001

ISSUE 1 REVISION 0 NOVEMBER 2007

INFRASTRUCTURE SPECIFICATION 001/001

ISSUE 1 REVISION 0 NOVEMBER 2007

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INFRASTRUCTURE SPECIFICATION 001/001

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INFRASTRUCTURE SPECIFICATION 001/001

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INFRASTRUCTURE SPECIFICATION 001/001

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INFRASTRUCTURE SPECIFICATION 001/001

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INFRASTRUCTURE SPECIFICATION 001/001

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INFRASTRUCTURE SPECIFICATION 001/001

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INFRASTRUCTURE SPECIFICATION 001/001

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INFRASTRUCTURE SPECIFICATION 001/001

ISSUE 1 REVISION 0 NOVEMBER 2007

INFRASTRUCTURE SPECIFICATION 001/001

ISSUE 1 REVISION 0 NOVEMBER 2007

FACILITY ILLUSTRATION
8 OF 8

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

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

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 yamneyezelwa 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, Ukunakekela 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 nezinombolelo zokubathinta futhi basho nenombolo yereferensi yomsebenzi, ku-EAP ezinsukwini zekhalenda ezingama-30 kusukela ekushicilelweni kwalesi saziso.

Usuku lokushicilelwa kweSaziso:

7 June 2012



1927 Pretorius Street
 Midrand, Gauteng
 Tel: +27 (0)11 342 5000
 Fax: +27 (0)11 342 5000
 Email: info@mtn.co.za

1927 Pretorius Street
 Midrand, Gauteng
 Tel: +27 (0)11 342 5000
 Fax: +27 (0)11 342 5000
 Email: info@mtn.co.za

T9513

BASE STATION NUMBER:
Blaaukop Farm

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:
 OWNER: JACO CREMER TRUST

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

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

PROJECT:
 NEW 900m TELECOMMUNICATION BASESTATION
 WITH A 5m LATTICE MAST
 FOR MTN (PTI) LTD.
 ADDRESS:
 OFF THE T66 TOWARDS ERMELO,
 ON RIGHT HAND SIDE.



414 Peka Road
 Midrand, Gauteng
 Tel: +27 (0)11 304 1854
 Fax: +27 (0)11 304 7073
 Email: info@ips.co.za

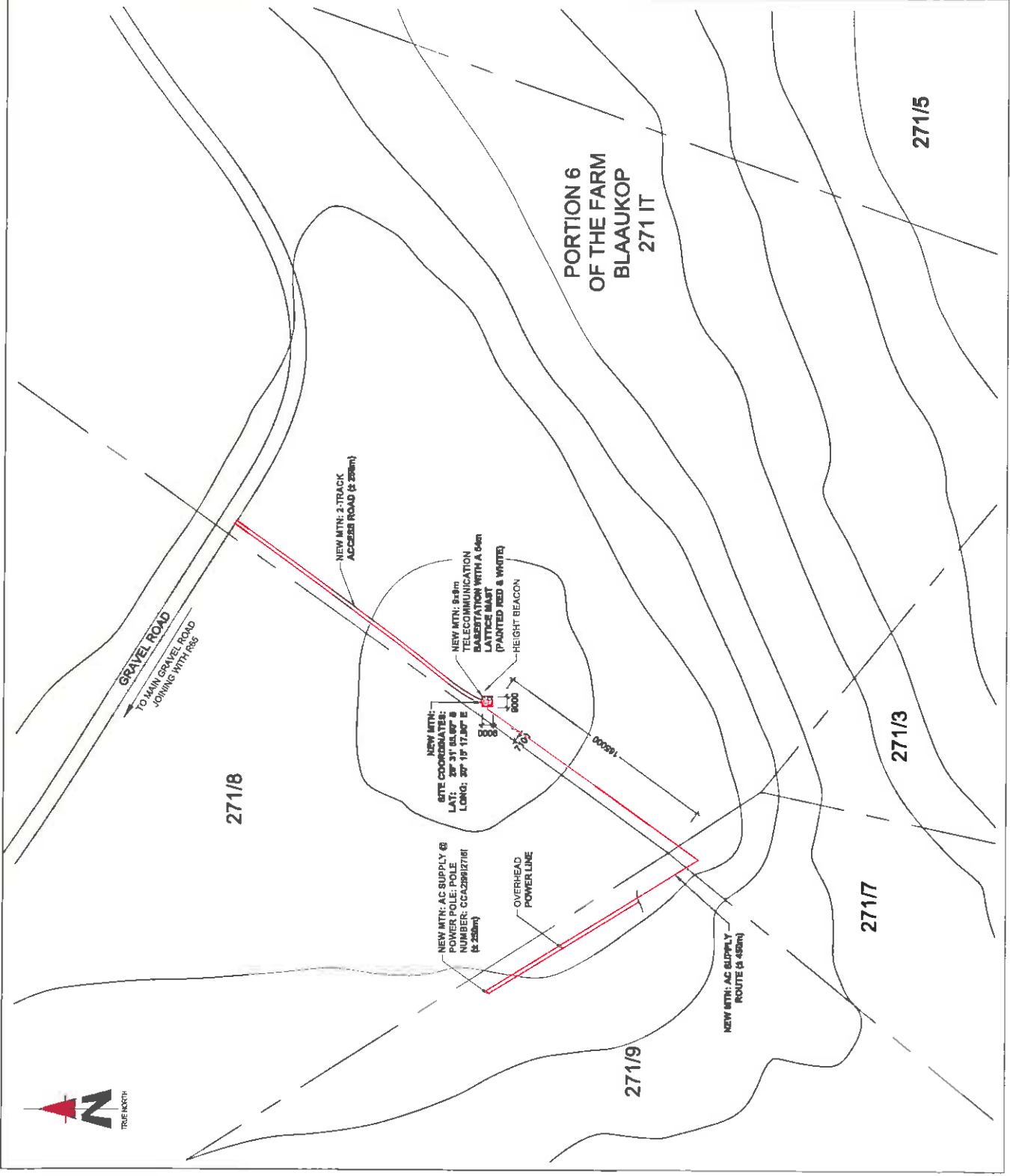
P.O. Box 20717
 Johannesburg
 2014

PROJECT NUMBER:
 1201108

DRAWINGS MUST NOT BE REPRODUCED OR COPIED WITHOUT THE WRITTEN PERMISSION OF IPS. DIMENSIONS TO BE VIEWED ON SITE BEFORE COMMENCEMENT OF WORK. ALL WORK TO BE PERFORMED ACCORDING TO THE SITE INFRASTRUCTURE SPECIFICATION R07/10/11 ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: JAN MALAN
 DATE: 30/11/2011
 REF: IP/812/0813

SCALE: 1:3000
 SITE DEVELOPMENT PLAN
 SHEET 3 OF 9



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

Project Ref: 149
Project Ref: 219
Project Ref: 219

BASE STATION NUMBER: T9513

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: 29° 31' 55.00" S
LONG: 30° 15' 17.00" E

PROJECT:
NEW 90m TELECOMMUNICATION REBINATION
WITH A 54M LATTICE MAST
FOR MTN (PTY) LTD
ADDRESS:
OFF THE T88 TOWARDS ERMELO,
ON RIGHT HAND SIDE.

**INFRASTRUCTURE
PLANNING SERVICES**

414 Pacific Street
Blackburn
Johannesburg
P.O. Box 82017
Tel: +27 (0) 11 242 8200
Fax: +27 (0) 11 242 8200
www.ipsafrica.com

RFQ NO: IS067
PROJECT NUMBER: 120168

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

ALL DIMENSIONS MUST NOT BE SCALED, ONLY PROVIDED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK TO BE PERFORMED ACCORDING TO ITH SITE SPECIFICATIONS AND ITH SPECIFICATION FOR ITH ISSUE 1 REVISION 0 NOVEMBER 2007

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

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 Kwezenhlalo (i-Environmental Impact Assessment Regulations) ka-2010 (R543) njengoba ichibiyelwe yamenyezelwa ngokuhambisana Nomthetho Wokuphatha Ezenhlalo Kuzwelonke (i-National Environmental Management Act) ka-1998 (Umthetho weNombolo-107 ka-1998) njengoba uchibiyelwe (i-"NEMA").

Izinqubo eziyisisekelo zokuhlola zizosetshenziswa ngokuvumelana 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 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 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



1287 Pretorius Street,
 Midrand, 1683
 Tel: +27 (0) 202 2022
 Fax: +27 (0) 202 1223
 Postal Code: 1683
 Primary Reg: 218
 Secondary Reg: 218

SITE NAME:

T9513

BASE STATION NUMBER:

BLAAUKOP FARM

REV	DATE	BY	DESCRIPTION
A	30/11/2011	JM	

NOTES:
 OWNER: JACO GROENLERS 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 849m TELECOMMUNICATION BASESTATION
 WITH A 54m LATTICE MAST
 FOR MTN (PTY) LTD

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



414 Pseudo Road,
 Midrand, 1683
 Tel: +27 (0) 202 1223
 Fax: +27 (0) 202 1223
 P.O. Box 20977
 Johannesburg
 2010

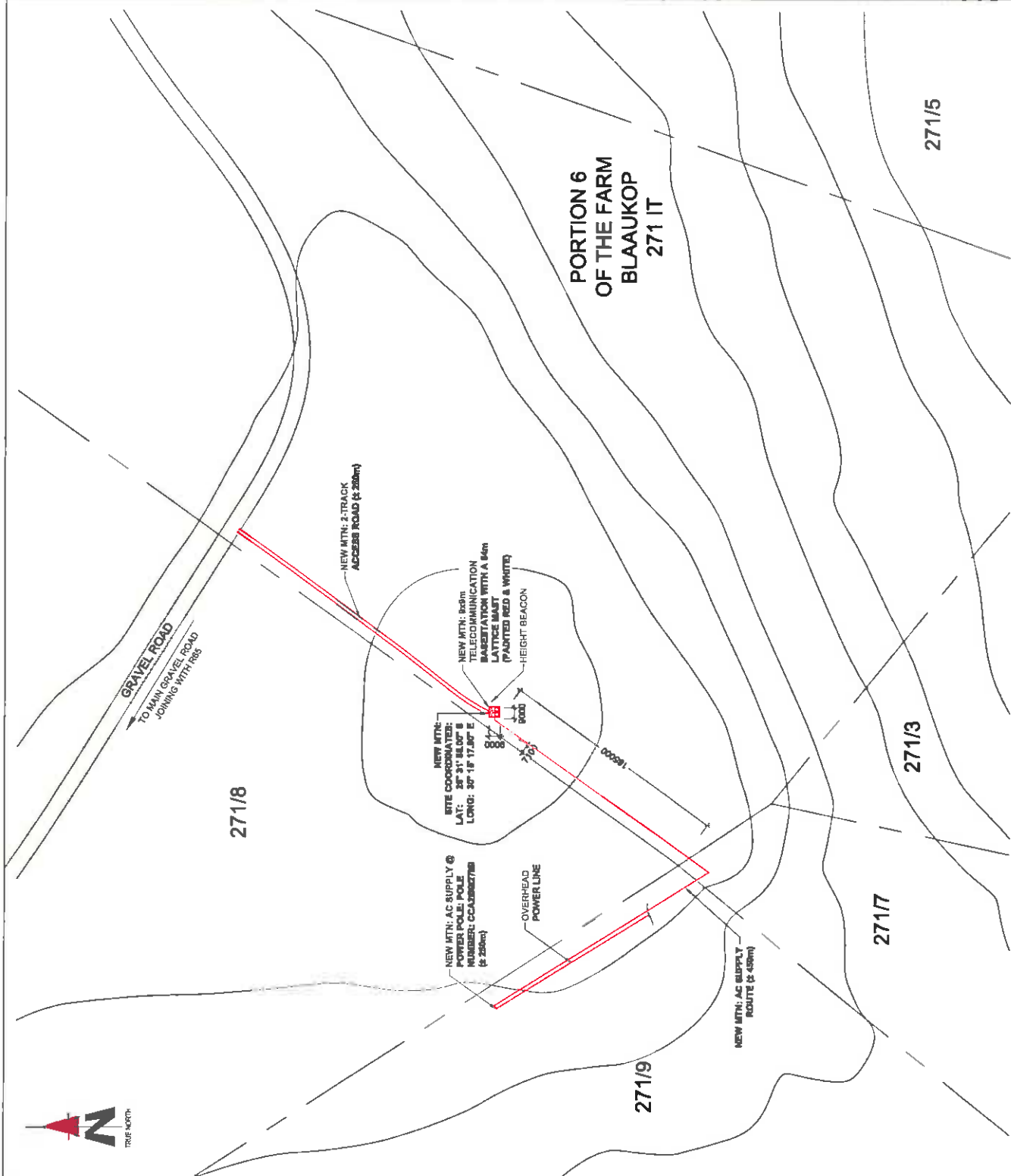
REG. NO.:
 142087

PROJECT NUMBER:
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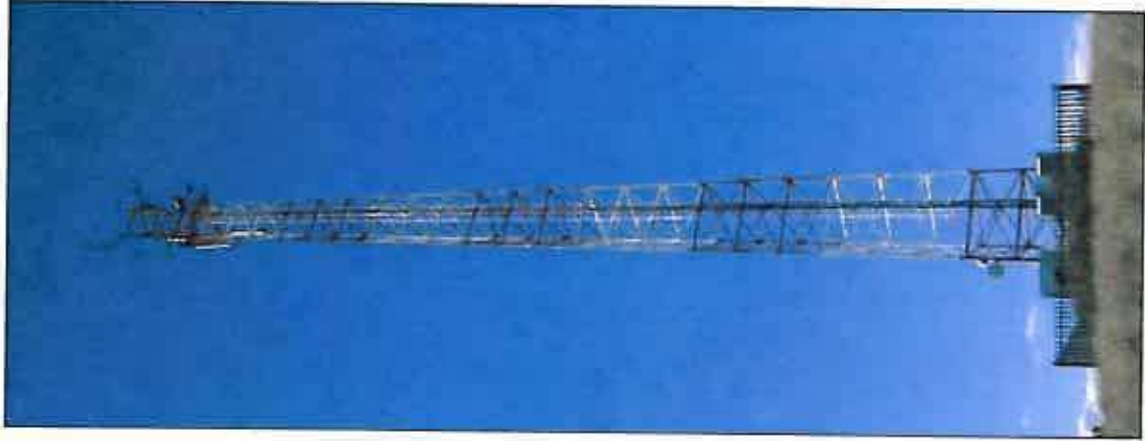
DRAWINGS MUST NOT BE SCALE. ONLY FEATURED DIMENSIONS TO BE
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT
 ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE
 INFRASTRUCTURE SPECIFICATION DOCUMENT
 ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: JAM MALAN [DATE: 30/11/2011]
 SCALE: 1:3000 [REF. NO: 612/T9513]

SITE DEVELOPMENT PLAN
 SHEET 3 OF 9



PROPOSED



TYPICAL LATTICE MAST
(PAINTED RED & WHITE)



1887 Pretorius Street
 Block B, Waterlooplein Complex
 Hatfield, 0003
 Tel: +27 (0) 12 681 1814
 Fax: +27 (0) 12 681 1814
 www.mtn.com

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 9.6m TELECOMMUNICATION BASESTATION
 WITH A 54m LATTICE MAST
 FOR MTN (Pty) Ltd

ADDRESS:
 OFF THE T15 TOWARDS ERMELO,
 ON RIGHT HAND SIDE.



414 Bando Road
 Boksburg
 T14
 Tel: +27 (0) 11 851 0814
 Fax: +27 (0) 11 851 0778
 www.ipsafrica.com

PROJECT NUMBER:
 150007

DATE: 30/11/2011

DRAWN: JAN MALAN
 SCALE: NTS
 REF. NO: 812/70513

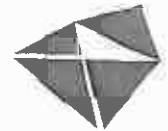
DRAWN: JAN MALAN
 DATE: 30/11/2011
 REF. NO: 812/70513

FACILITY ILLUSTRATION
 9 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

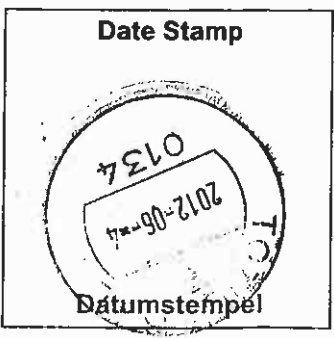
No	Name and address of addressee Naam en adres van geadresseerde	Insured amount Versekerde bedrag	Insurance fee Versekeringsgeld	Postage Posgeld	Service fee Diensgeld	Affix Track and Trace customer copy Plak Volg-en-Spoor-klëntafskrif	
1	Marandellas Trust P.O. Box 210 Ermelo 2350					REGISTERED LETTER (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		Total 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
Postkode

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

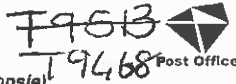
CUSTOMER COPY 301028R
klientafskrif

Paraaf van
aaneem-
beampte

Datumstempel

**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.

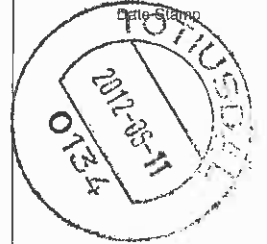
Postage paid R _____ c
Service fee / Diensgeld R _____ c
Insurance / Versekering R _____ c
Total / Totaal R _____ c

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.espo.co.za
RD 748 003 685 ZA

CUSTOMER COPY 30102BR
klantafskrif

Paraaf van
aaneem-
beampte

Datumstempel

G1(c) – SACAA Approval



Physical Address:
Ikhaya Lokundiza
Treur Close
Waterfall Park
Bekker Street
Midrand

Postal Address:
Private Bag X1
Halfway House
1685

Telephone Number:
+27 11 545 1232

Fax Number:
+27 11 545 1451

E-mail Address:
obstacles@caa.co.za

Website Address:
www.caa.co.za

OBSTACLE FOR APPROVAL CAA Obstacle ID: **CAA_2012_1_141**

APPLICANT

Contact Person: Nelmarie Els .
Company Name: MTN (PTY) LTD
Phone Number: (011) 912-3245
Cell Number: (083) 200-4930
Email address: els_ne@mtn.co.za
VATNumber: 4360140434
Address: MTN Head Office, 216 14th Avenue
City: Roodepoort
State: Gauteng
ZipCode: 2195

OWNER

CompanyName: MTN (PTY) LTD
ContactPerson: Nelmarie Els
PhoneNumber: (011) 912-3245
CellNumber: (083) 200-4930
Email: els_ne@mtn.co.za


DETAILS OF PROPOSED STRUCTURE

Type of Structure	Tower	Construction Start Date	
Site ID Number:	9513	Construction End Date:	
Site Name:	Blaaukop Farm		
Lat_degree:	26	Lat_minute:	31
		Lat_seconds:	42.2
Long_degree:	30	Long_minute:	15
		Long_seconds:	12.8
Site Elevation_m:	1721	Coordinate Data Source	Handheld GPS (non surv)
Structure Height_m:	54	Coordinate Other	
Sub Structure Heigh_m:	0		
Height to top of Structure_m	1775	Elevation Data Source	Handheld GPS (non surv)
GuyWireJib_m:		Elevation Other	
Datum:			

Type of Application: Replacement Shared New Application Date: 26/01/2012
Received Date: 31/01/2012

- Notes:
- Conditions: None
DayMarkings
NightMarkings
DayNightMarkings
OtherSpecial

- Attached Documents:
- SurveyReport
 SketchDiagram
 GISCoverage
 Other

Approved	Not Approved
 Name: Koos Pretorius Act.Manager: A.O.G. Date: 29/06/2012 APPROVED ✓	Date:

G1(d) – Proof of Newspaper Advertisement

Classifieds

14

Thursday June 7, 2012

CLASSIFIEDS

CLASSIFIEDS

CLASSIFIEDS

Legals

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

0910 Public / Legal Notices

T9468
NOTICE
PUBLIC PARTICIPATION PROCESS
REFERENCE NUMBER: 17/2/3 GS-100
Regulation 546 activity 3 (a) & (b): (a) ii (bb), (cc) and (ee). Establishment of an enclosed telecommunication base station with a 54m mast for MTN (Pty) Ltd: T9468 Rietfontein Plaas
Location: Portion 16 of the farm Rooipoort 144 IS Co-ordinates (WGS84 format) of the alternatives on the above property.
Alternative 1:
Latitude: 26° 30' 13.73" S
Longitude: 29° 18' 15.23" E
Lattice type mast painted red and white
Notice is hereby given of a public participation process in terms of the Environmental Impact Assessment Regulations 2010 (R543) as amended 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):
Torbiose Solutions CC.
Attention: W van't Foot

T9473
NOTICE
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: T8513 Blaaukop Farm
Location: Portion 6 of the farm Blaaukop 271 IT Co-ordinates (WGS84 format) of the alternatives on the above property.
Alternative 1:
Latitude: 26° 31' 55.00" S
Longitude: 30° 15' 17.90" E
Lattice type mast painted red and white
Notice is hereby given of a public participation process in terms of the Environmental Impact Assessment Regulations 2010 (R543) as amended promulgated in terms of the National Environmental Management Act 1998 (Act No. 107 of 1998) as amended ("NEMA"). Basic assessment procedures will be applied in accordance with regulation 543 and an application was submitted to the Mpumalanga Department of Economic Development, Environment and Tourism. The applicant furthermore intends to apply to the Mpumalanga Department of Economic Development, Environment and Tourism for exemption in terms of regulation 50(1) of the Environmental Impact Assessment Regulations 2010 (R543) to assess alternatives with regard to the planned activity.
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Applicant:
MTN (Pty) Ltd
P O Box 4559, Northcliff, 2115.
Environmental Assessment Practitioner (EAP):
Torbiose Solutions CC.
Attention: W van't Foot

P.O. Box 32017, Totiusdal, 0134
Telephone: 012-804-1504/6;
Facsimile: 012-804-7072,
E-mail: admin@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
-BV003924

MP News
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NOTICE
NOTICE IN RESPECT OF A LICENCE APPLICATION IN TERMS OF THE PETROLEUM PRODUCTS ACT, 1977 (ACT 120 OF 1977)
This notice serves to inform interested and affected parties that PATSON NKUYUMU TWALA, hereinafter referred to as "the Applicant", has submitted an application for a RETAIL LICENCE, Application Number: G/2012/04/02/0002 and SITE licence, Application Number G/2012/04/02/0001
ERF 8 KILDARE TRUST, THULAMAHASHE KILDARE-TRUST & THULAMAHASHE, BUSHBUCKRIDGE
The purpose of the application is for the applicant to be granted a licence to undertake petroleum retailing activities as detailed in the application. Arrangements for viewing the application documentation can be made by contacting the Controller of Petroleum Products by:
* Telephone: 013-653-0500
* Fax: 086-607-0735
* E-mail: sponono.ntuli@energy.gov.za
Any objections to the issuing of a license in respect of this application, which must clearly quote the application number above, must be lodged with the Controller of Petroleum Products within a period of twenty (20) working days from the date of publication of this notice. Such objections must be lodged at the following physical or postal address:
Physical address:
The Regional Director
Department of Energy
The Province House (3rd Floor)
CNR Kruger and Botha Street
Witbank, 1035
Postal address:
The Regional Director
Department of Energy
(MP Region)
Private Bag X7279
Witbank, 1035

Enjoy the sweet taste of success
Tsb Sugar
CAREERS IN SUGAR
Occupational Health Sister
Legal and Risk Services
A vacancy for an Occupational Health Sister exists in our Clinic Department. Reporting to the Head: Occupational Health Services, the successful candidate will be responsible for rendering a comprehensive occupational health service to the Tsb workforce. Functions include primary healthcare, doctor and hospital referrals as well as report writing. The incumbent will supervise and monitor patients with chronic conditions, attend to injuries on duty and conduct medical examinations and biological monitoring, dispense medicine professionally and in an ethical manner, and conduct the dispensing practice according to all legal requirements. He/she will also identify and report safety-related issues, keep clear and accurate records of all actions which he/she performs, as well as educate and encourage workers to take responsibility for their own health. Ensuring compliance with the Occupational Health and Safety Act and other relevant legislation and relieving at the satellite clinics when and where needed will also form part of his/her duties.
The position requires a person with effective professional and interpersonal skills who are adaptable and have the ability to work well under pressure, think ahead as well as plan and organise his/her workload. Applicants need to be registered with the Nursing Council of South Africa as a Professional Nurse and have 5 years' experience in Occupational and Primary Healthcare. A degree/diploma in General Nursing, Midwifery and Community Health Nursing, degree/

Vacancies

SURVEYOR GENERAL
PUPIL SURVEY OFFICER (65 POSTS)
Salary: R138 380 per annum (all-inclusive package) (Level 5)
(2-year contract posts)
• Pretoria (Ref. S8/3/2012/308) • North West (Ref. S8/3/2012/309) • Limpopo (Ref. S8/3/2012/310) • Nelspruit (Ref. S8/3/2012/311) • KwaZulu-Natal (Ref. S8/3/2012/312) • Bloemfontein (Ref. S8/3/2012/313) • Eastern Cape (Ref. S8/3/2012/314) • Western Cape (Ref. S8/3/2012/315) • Chief Directorate: National Geospatial Information: Mowbray (Ref. S8/3/2012/316)
Requirements: Must have completed Grade 12/Standard 10 with Mathematics and Physical Science as passed subjects, SG C/minimum level 4 OR HG D minimum level 4 on both subjects and should be located in rural areas (Mathematics Literacy will not be considered).
Duties: • The successful candidates will attend an in-house 18-month structured Survey Officer's Course and undergo practical training and simultaneously perform duties on the technical examination for approval of Surveys performed in accordance with the Land Survey Act, No 8 of 1997, the Sectional Title Act, No 95 of 1986 and the Regulations promulgated under these Acts • Capture, preserve and maintain all reports already approved, including the compilation and amendment of plans as may be required • Issue survey data of Land Surveyors in terms of regulation of the Land Survey Act as well as assist the general public in the CIC/Plan Safe with queries related to Geomatics.
Note: This is a 2-year programme, during the first year the selected candidates will be exposed to a training programme and practical work. The Branch is based in eight Provinces and applicants must indicate in which Province they prefer to be placed. The Department retains the right to place the candidates where their skills are required. The selected candidates will sign a 2-year contract with the Department.
The suitable candidates will be selected with the intention of promoting representivity and achieving affirmative action targets, as contemplated in the relevant component's Employment Equity Plan.
The Department reserves the right not to appoint any applicants to these positions and to conduct pre-employment security screening.
Applications must be submitted on form Z83, obtainable from any Public Service Department, and should be accompanied by a comprehensive Curriculum Vitae (previous experience must be comprehensively detailed) and certified copies of qualifications, service certificates and Identification Document. Applicants with foreign qualifications must submit a SAQA evaluation report on the qualifications. Non-SA citizens must attach a certified copy of proof of permanent residence in South Africa. Applicants must also provide the full names, addresses and telephone numbers of at least 3 referees. Failure to submit the requested documents may result in your application not being considered (applications lacking evidence of relevant experience will not be considered). If you apply for

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 81m² 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